

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN110119\
 Data File : VN059070.D
 Acq On : 1 Nov 2019 18:10
 Operator : JC/SP
 Sample : VN1101WBSD02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1101WBSD02

Manual Integrations
 APPROVED

MMDadoda
 11/5/2019 1:59:37 PM

Quant Time: Nov 04 12:09:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 05:43:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	461497	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	731881	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	665421	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	303663	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	315855	51.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.36%	
35) Dibromofluoromethane	7.57	113	239652	50.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.52%	
50) Toluene-d8	10.08	98	950414	51.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.40%	
62) 4-Bromofluorobenzene	12.40	95	324118	49.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.10%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	98942	19.829 ug/l	98
3) Chloromethane	2.04	50	126960	18.765 ug/l	99
4) Vinyl Chloride	2.17	62	127929	19.479 ug/l	96
5) Bromomethane	2.55	94	73423	18.910 ug/l	100
6) Chloroethane	2.68	64	76342	18.981 ug/l	96
7) Trichlorofluoromethane	3.00	101	157616	20.197 ug/l	99
8) Diethyl Ether	3.39	74	62135	20.388 ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.73	101	91161	19.819 ug/l	99
10) Methyl Iodide	3.93	142	104894	18.762 ug/l	98
11) Tert butyl alcohol	4.76	59	109430	96.739 ug/l	99
12) 1,1-Dichloroethene	3.71	96	89278	19.516 ug/l	100
13) Acrolein	3.58	56	65343	91.546 ug/l	97
14) Allyl chloride	4.30	41	172465	19.026 ug/l	97
15) Acrylonitrile	4.95	53	278109	98.008 ug/l	100
16) Acetone	3.79	43	276902	89.489 ug/l	100
17) Carbon Disulfide	4.03	76	271367	18.659 ug/l	99
18) Methyl Acetate	4.30	43	146488	18.687 ug/l	100
19) Methyl tert-butyl Ether	5.01	73	303055	19.451 ug/l	100
20) Methylene Chloride	4.52	84	104594	19.309 ug/l	96
21) trans-1,2-Dichloroethene	5.01	96	95692	19.485 ug/l	98
22) Diisopropyl ether	5.92	45	346221	20.052 ug/l	96
23) Vinyl Acetate	5.87	43	1429135	103.923 ug/l	100
24) 1,1-Dichloroethane	5.82	63	191229	19.372 ug/l	99
25) 2-Butanone	6.81	43	389901	94.633 ug/l	98
26) 2,2-Dichloropropane	6.80	77	160151	18.692 ug/l	99
27) cis-1,2-Dichloroethene	6.81	96	108110	19.551 ug/l	100
28) Bromochloromethane	7.17	49	54378	17.849 ug/l	98
29) Tetrahydrofuran	7.19	42	259122	99.653 ug/l	99
30) Chloroform	7.35	83	183275	19.416 ug/l	99
31) Cyclohexane	7.63	56	180711	19.193 ug/l	97
32) 1,1,1-Trichloroethane	7.55	97	157392	19.708 ug/l	98
36) 1,1-Dichloropropene	7.77	75	138550	19.047 ug/l	99
37) Ethyl Acetate	6.90	43	154465	19.112 ug/l	99
38) Carbon Tetrachloride	7.75	117	140372	19.801 ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	159639	18.987	ug/l	97
40) Benzene	8.02	78	418547	19.389	ug/l	99
41) Methacrylonitrile	7.16	41	75381m	21.569	ug/l	
42) 1,2-Dichloroethane	8.10	62	150846	20.121	ug/l	99
43) Isopropyl Acetate	8.14	43	243752	19.286	ug/l	99
44) Trichloroethene	8.82	130	101928	19.191	ug/l	97
45) 1,2-Dichloropropane	9.10	63	114805	19.665	ug/l	100
46) Dibromomethane	9.19	93	68249	18.915	ug/l	99
47) Bromodichloromethane	9.39	83	140775	19.265	ug/l	99
48) Methyl methacrylate	9.18	41	108055	18.750	ug/l	99
49) 1,4-Dioxane	9.18	88	39842	423.824	ug/l	99
51) 4-Methyl-2-Pentanone	9.98	43	769267	104.773	ug/l	98
52) Toluene	10.15	92	255714	20.216	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	160657	19.013	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	179011	20.085	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	101636	19.725	ug/l	99
56) Ethyl methacrylate	10.42	69	152715	18.674	ug/l	98
57) 1,3-Dichloropropane	10.70	76	174642	19.489	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	314861	100.032	ug/l	99
59) 2-Hexanone	10.75	43	570731	102.320	ug/l	98
60) Dibromochloromethane	10.90	129	106582	19.194	ug/l	99
61) 1,2-Dibromoethane	11.00	107	104054	19.934	ug/l	99
64) Tetrachloroethene	10.63	164	93607	20.138	ug/l	98
65) Chlorobenzene	11.43	112	265197	19.418	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	99373	19.777	ug/l	99
67) Ethyl Benzene	11.51	91	476038	20.135	ug/l	99
68) m/p-Xylenes	11.62	106	355667	40.288	ug/l	100
69) o-Xylene	11.95	106	165906	19.680	ug/l	99
70) Styrene	11.96	104	267895	19.610	ug/l	98
71) Bromoform	12.13	173	74592	19.179	ug/l #	100
73) Isopropylbenzene	12.25	105	453914	20.319	ug/l	100
74) N-amyl acetate	12.07	43	194866	19.609	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.51	83	153672	19.311	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	142137m	19.780	ug/l	
77) Bromobenzene	12.53	156	110739	19.825	ug/l	98
78) n-propylbenzene	12.59	91	532949	20.598	ug/l	100
79) 2-Chlorotoluene	12.68	91	317872	19.786	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	382990	20.172	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	51345	18.317	ug/l	96
82) 4-Chlorotoluene	12.78	91	320324	19.536	ug/l	98
83) tert-Butylbenzene	13.00	119	326385	20.236	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	379768	20.585	ug/l	99
85) sec-Butylbenzene	13.17	105	433748	20.519	ug/l	99
86) p-Isopropyltoluene	13.29	119	385147	20.210	ug/l	99
87) 1,3-Dichlorobenzene	13.29	146	193983	19.546	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	187584	19.108	ug/l	97
89) n-Butylbenzene	13.62	91	329691	19.854	ug/l	98
90) Hexachloroethane	13.88	117	74075	19.554	ug/l	97
91) 1,2-Dichlorobenzene	13.66	146	192493	19.492	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	31943	18.583	ug/l	95

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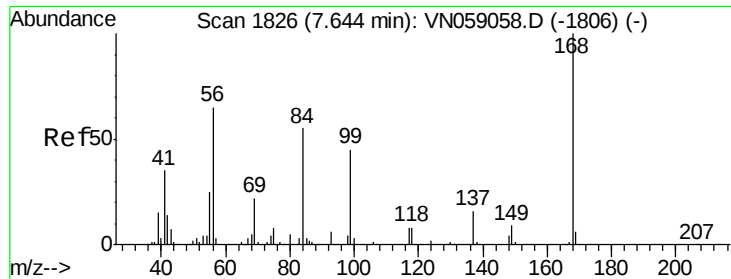
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	100697	18.906	ug/l	99
94) Hexachlorobutadiene	15.01	225	61118	19.119	ug/l	98
95) Naphthalene	15.13	128	271548	18.365	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	102605	18.928	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN059070.D

Acq: 1 Nov 2019 18:10

Instrument :

MSVOA_N

ClientSampleId :

VN1101WBSD02

Tgt Ion: 168 Resp: 461497

Ion Ratio Lower Upper

168 100

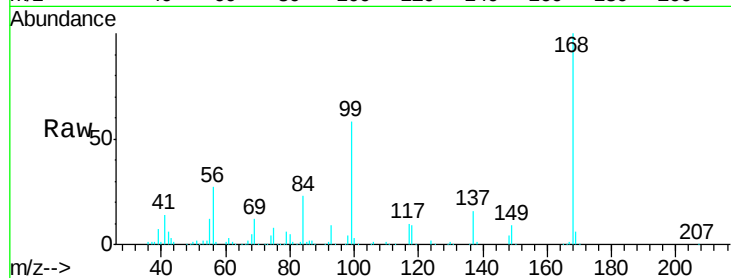
99 57.3 44.1 66.1

Manual Integrations

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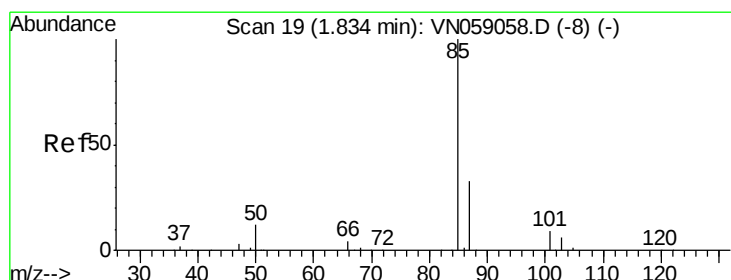
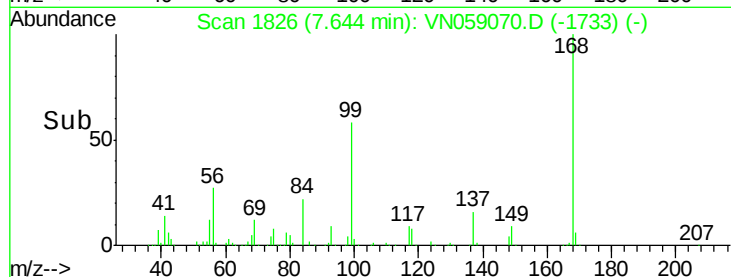
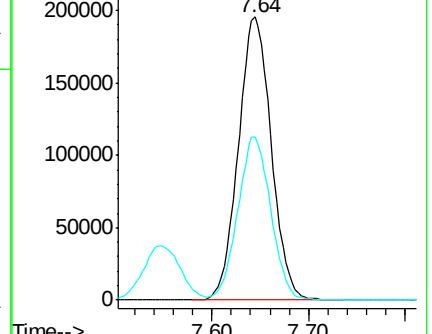
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 19.829 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN059070.D

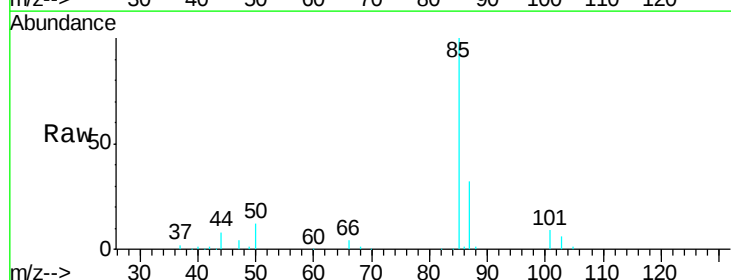
Acq: 1 Nov 2019 18:10

Tgt Ion: 85 Resp: 98942

Ion Ratio Lower Upper

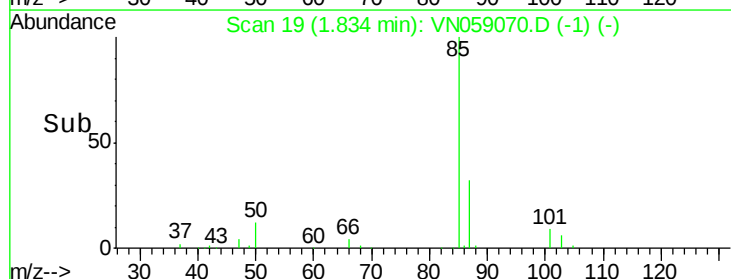
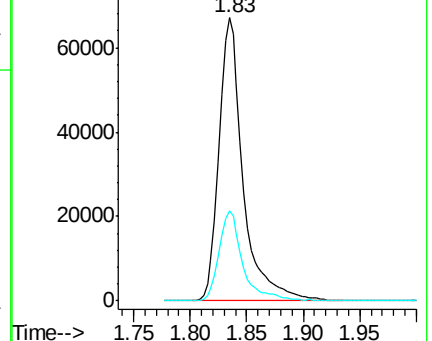
85 100

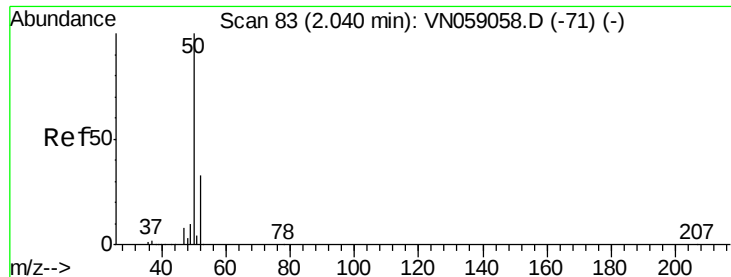
87 31.8 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 18.765 ug/l

RT: 2.04 min Scan# 83

Delta R.T. 0.00 min

Lab File: VN059070.D

Acq: 1 Nov 2019 18:10

Instrument :

MSVOA_N

ClientSampleId :

VN1101WBSD02

Tgt Ion: 50 Resp: 126960

Ion Ratio Lower Upper

50 100

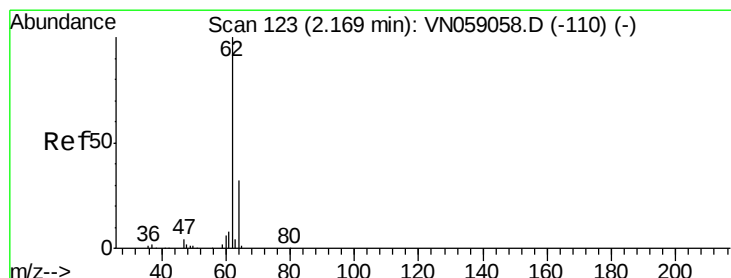
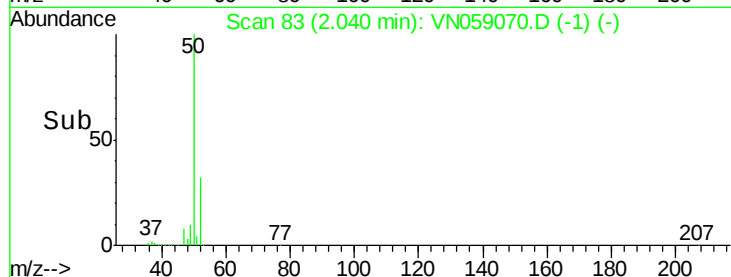
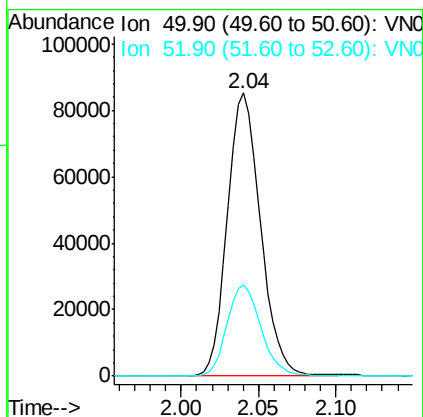
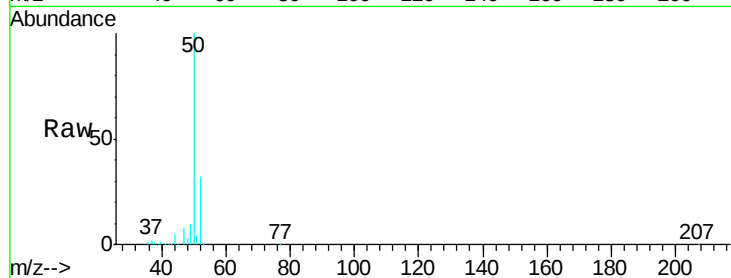
52 32.2 26.3 39.5

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#4

Vinyl Chloride

Concen: 19.479 ug/l

RT: 2.17 min Scan# 123

Delta R.T. 0.00 min

Lab File: VN059070.D

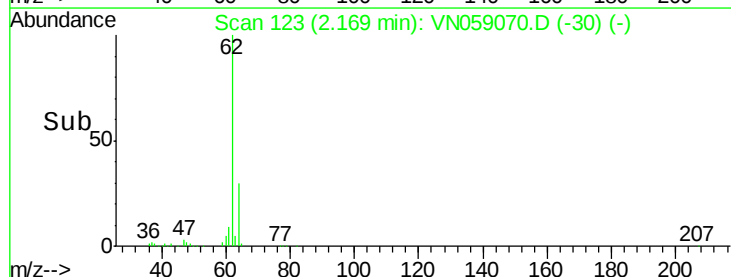
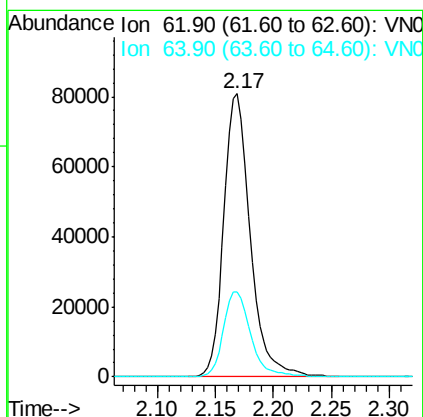
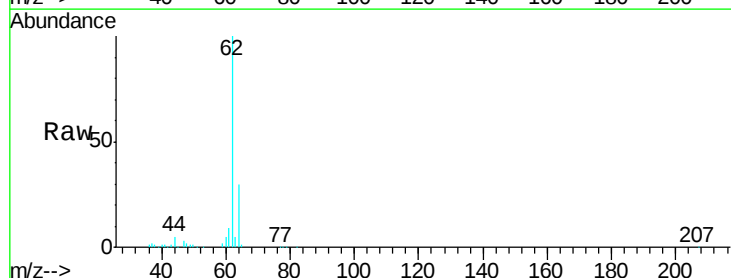
Acq: 1 Nov 2019 18:10

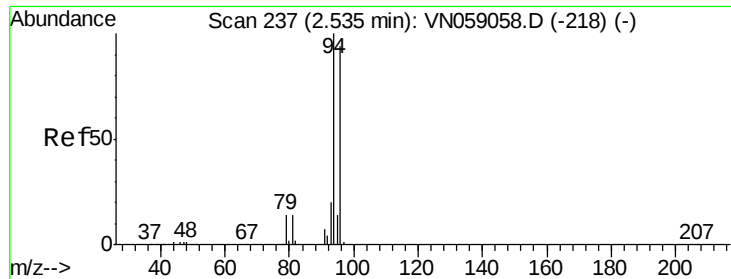
Tgt Ion: 62 Resp: 127929

Ion Ratio Lower Upper

62 100

64 30.1 25.8 38.8





#5

Bromomethane

Concen: 18.910 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.01 min

Lab File: VN059070.D

Acq: 1 Nov 2019 18:10

Instrument :

MSVOA_N

ClientSampleId :

VN1101WBSD02

Tgt Ion: 94 Resp: 73423

Ion Ratio Lower Upper

94 100

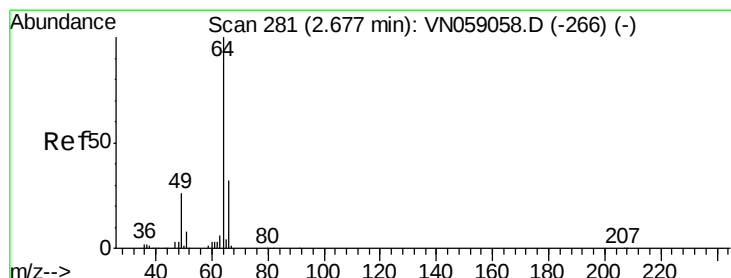
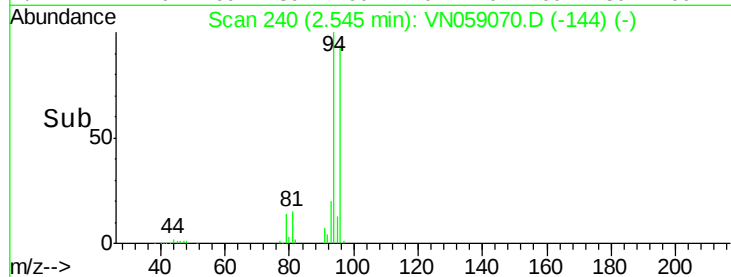
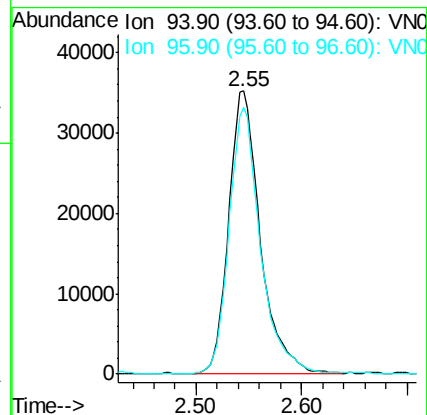
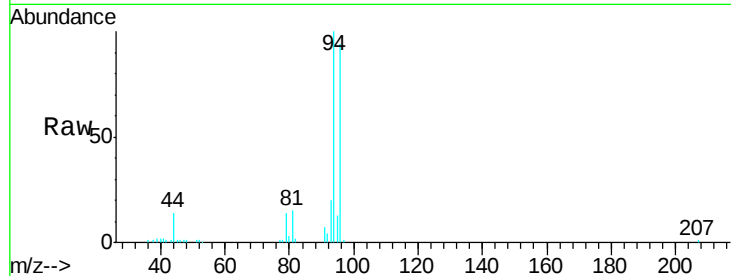
96 94.3 75.1 112.7

Manual Integrations

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#6

Chloroethane

Concen: 18.981 ug/l

RT: 2.68 min Scan# 283

Delta R.T. 0.01 min

Lab File: VN059070.D

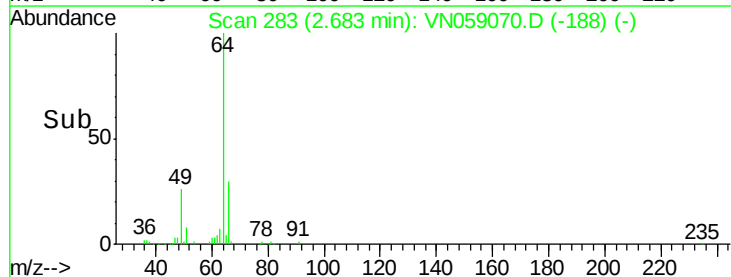
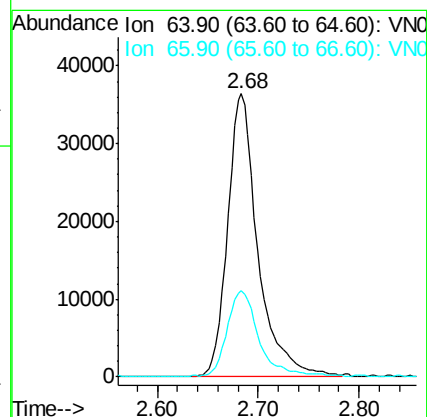
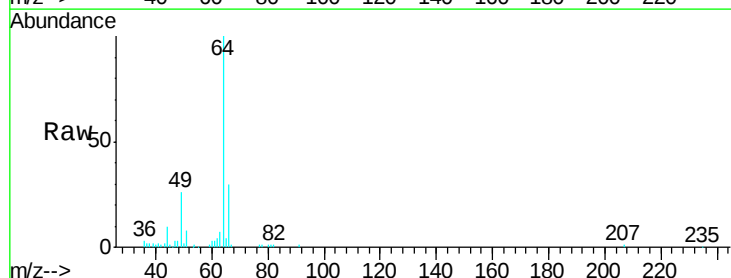
Acq: 1 Nov 2019 18:10

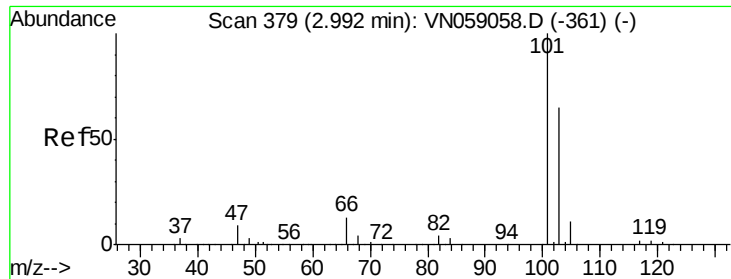
Tgt Ion: 64 Resp: 76342

Ion Ratio Lower Upper

64 100

66 29.9 25.6 38.4





#7

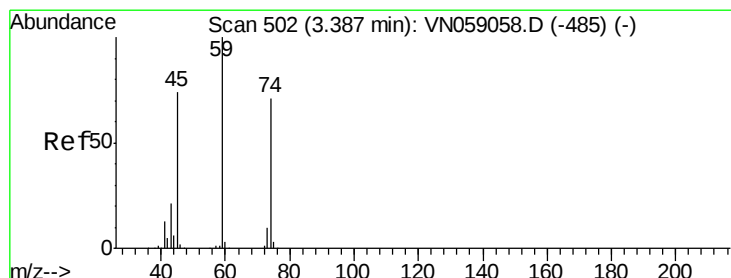
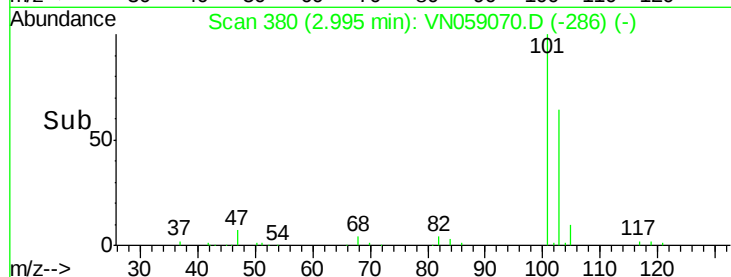
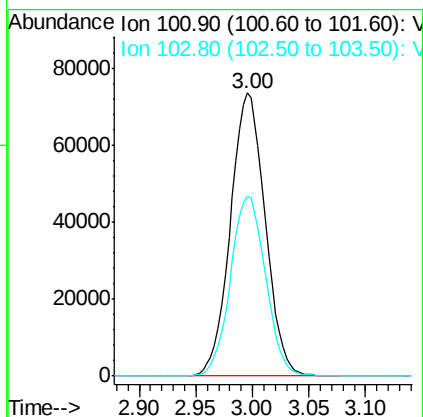
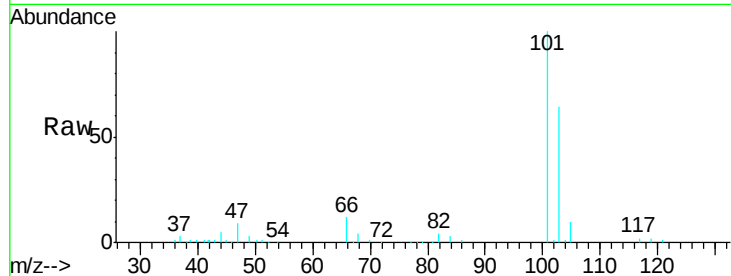
Trichlorofluoromethane
Concen: 20.197 ug/l
RT: 3.00 min Scan# 380
Delta R.T. 0.00 min
Lab File: VN059070.D
Acq: 1 Nov 2019 18:10

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Tgt Ion	Ratio	Resp	Lower	Upper
101	100	157616		
103	63.7	51.7	77.5	

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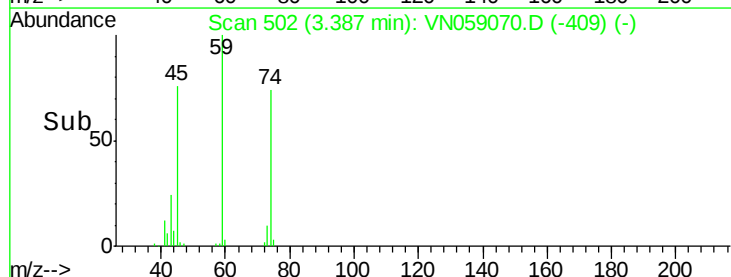
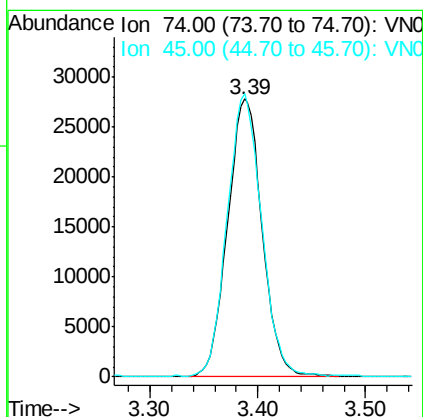
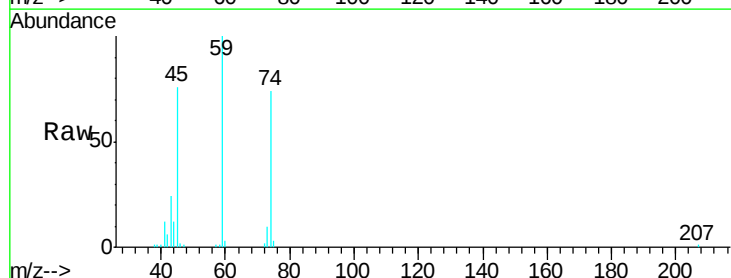
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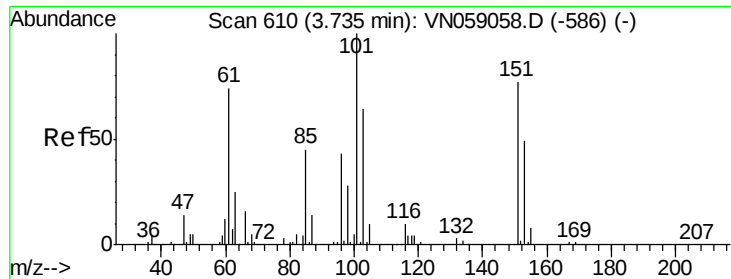


#8

Diethyl Ether
Concen: 20.388 ug/l
RT: 3.39 min Scan# 502
Delta R.T. 0.00 min
Lab File: VN059070.D
Acq: 1 Nov 2019 18:10

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	62135		
45	101.6	52.8	158.3	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.819 ug/l

RT: 3.73 min Scan# 610

Delta R.T. 0.00 min

Lab File: VN059070.D

Acq: 1 Nov 2019 18:10

Instrument :

MSVOA_N

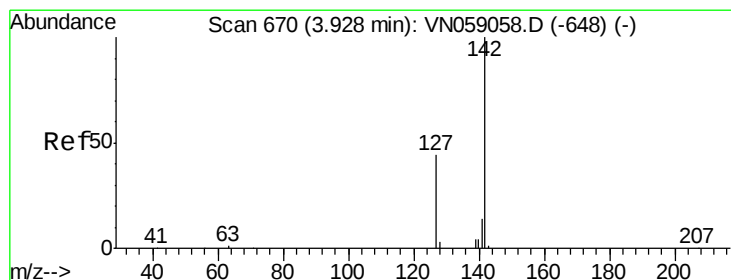
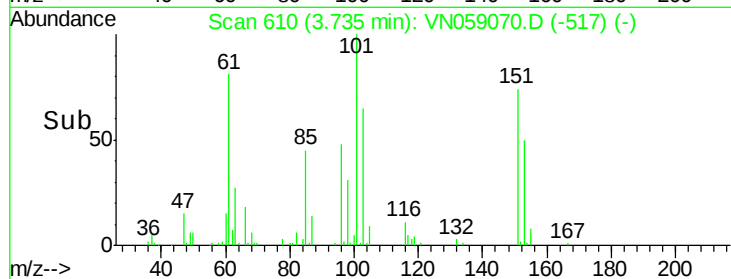
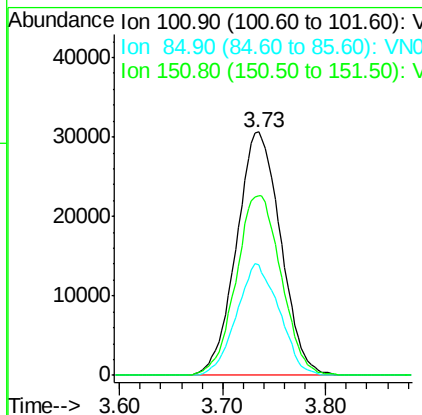
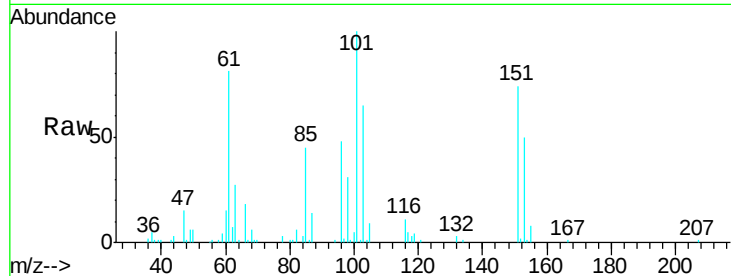
ClientSampleId :

VN1101WBSD02

Tgt Ion:	101	Resp:	91161
Ion Ratio	Lower	Upper	
101	100		
85	44.2	35.0	52.6
151	75.3	61.3	91.9

Manual Integrations
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#10

Methyl Iodide

Concen: 18.762 ug/l

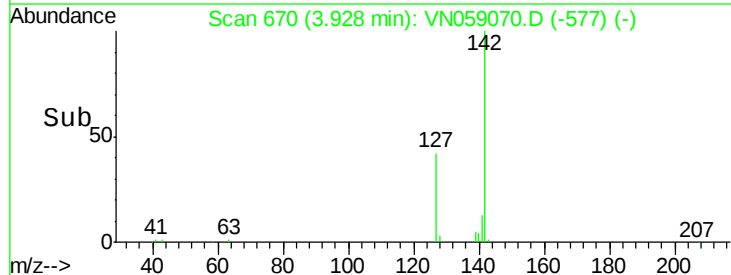
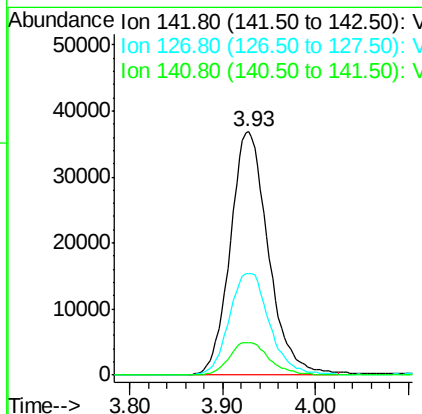
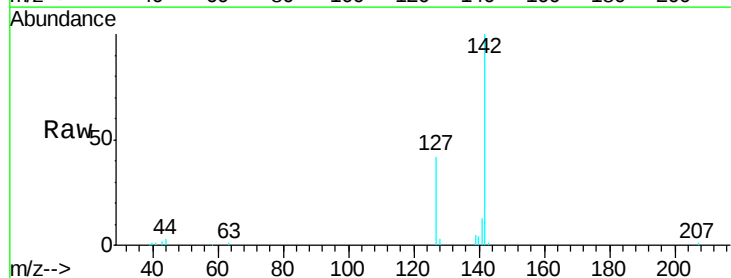
RT: 3.93 min Scan# 670

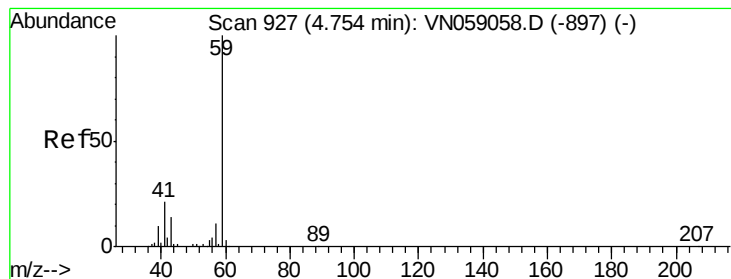
Delta R.T. 0.00 min

Lab File: VN059070.D

Acq: 1 Nov 2019 18:10

Tgt Ion:	142	Resp:	104894
Ion Ratio	Lower	Upper	
142	100		
127	44.2	34.2	51.2
141	14.0	11.1	16.7





#11

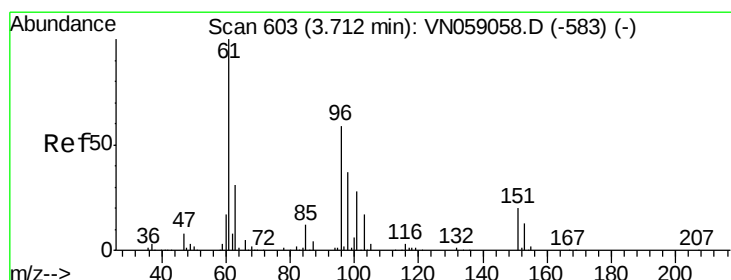
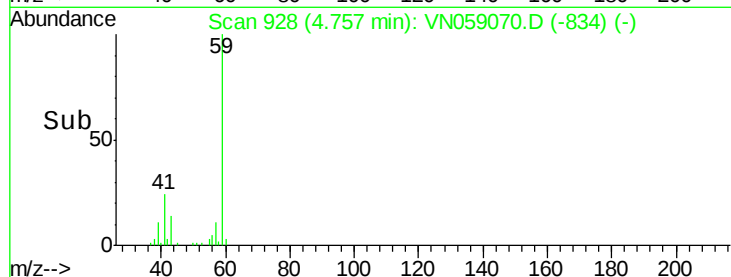
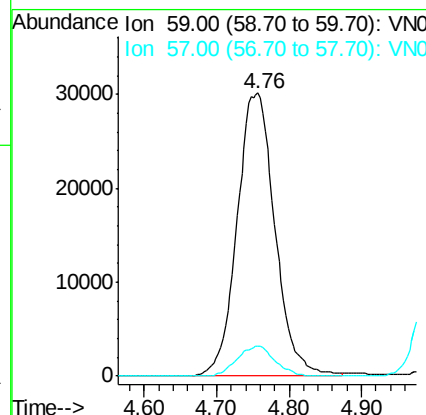
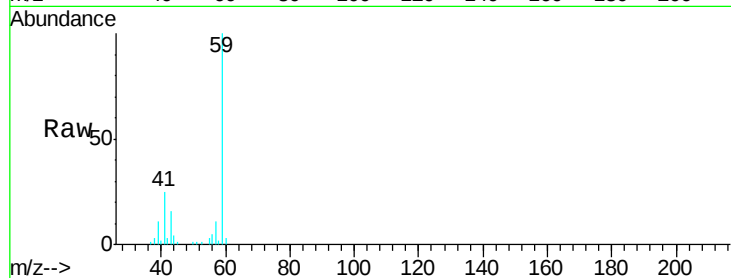
Tert butyl alcohol
 Concen: 96.739 ug/l
 RT: 4.76 min Scan# 928
 Delta R.T. 0.00 min
 Lab File: VN059070.D
 Acq: 1 Nov 2019 18:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1101WBSD02

Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.2	12.4

Manual Integrations
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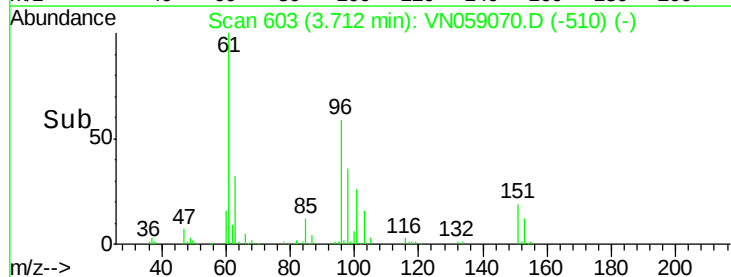
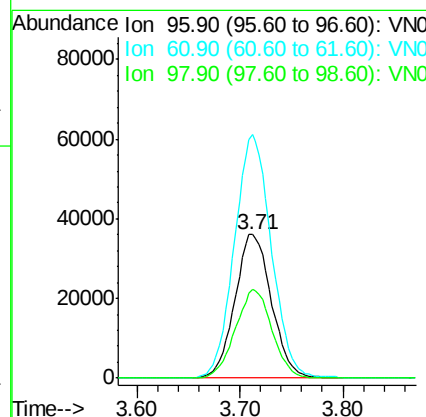
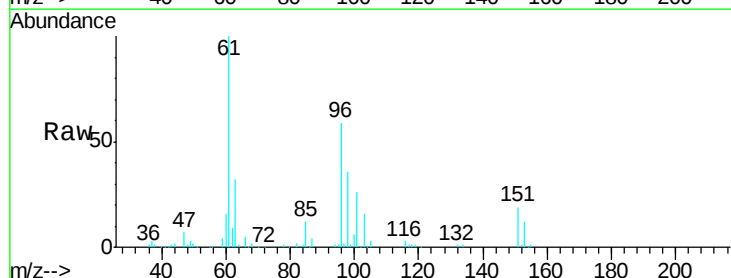
MMDadoda
 11/5/2019 1:59:37 PM

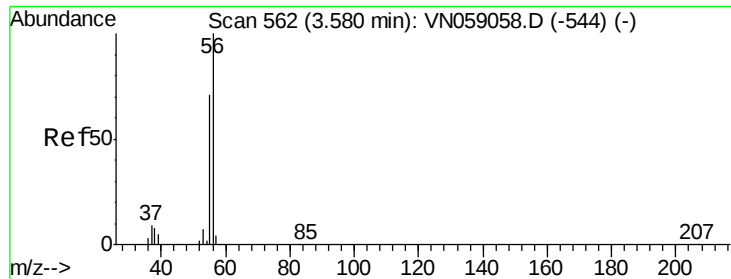


#12

1,1-Dichloroethene
 Concen: 19.516 ug/l
 RT: 3.71 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: VN059070.D
 Acq: 1 Nov 2019 18:10

Tgt Ion	Ratio	Lower	Upper
96	100		
61	169.5	135.3	202.9
98	61.8	49.4	74.2





#13

Acrolein

Concen: 91.546 ug/l

RT: 3.58 min Scan# 563

Delta R.T. 0.00 min

Lab File: VN059070.D

Acq: 1 Nov 2019 18:10

Instrument :

MSVOA_N

ClientSampleId :

VN1101WBSD02

Tgt Ion: 56 Resp: 65343

Ion Ratio Lower Upper

56 100

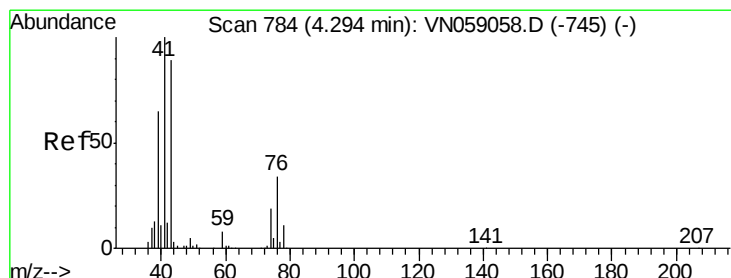
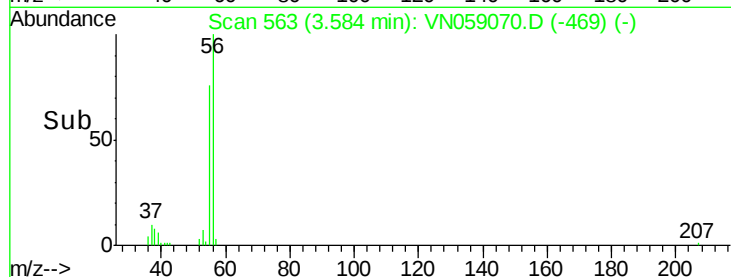
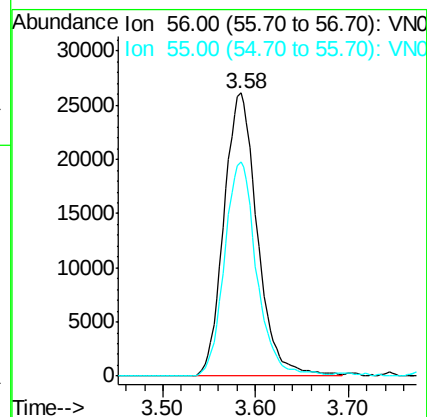
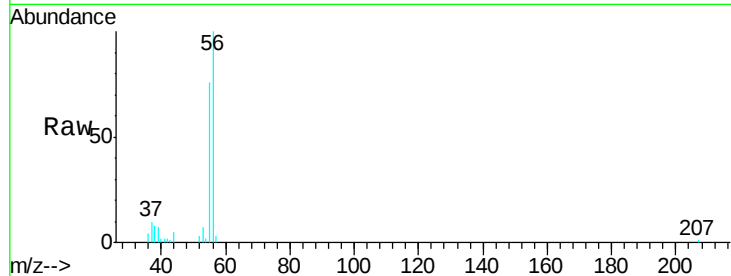
55 72.3 56.1 84.1

Manual Integrations

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#14

Allyl chloride

Concen: 19.026 ug/l

RT: 4.30 min Scan# 785

Delta R.T. 0.00 min

Lab File: VN059070.D

Acq: 1 Nov 2019 18:10

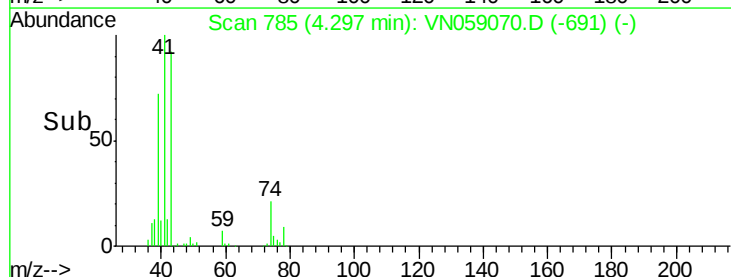
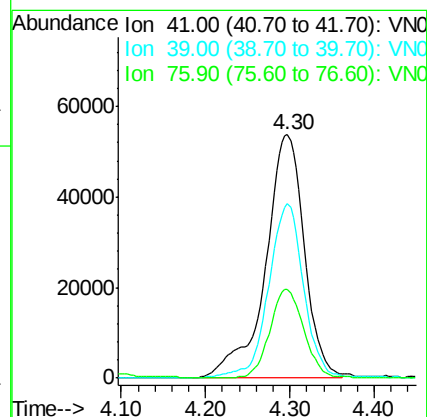
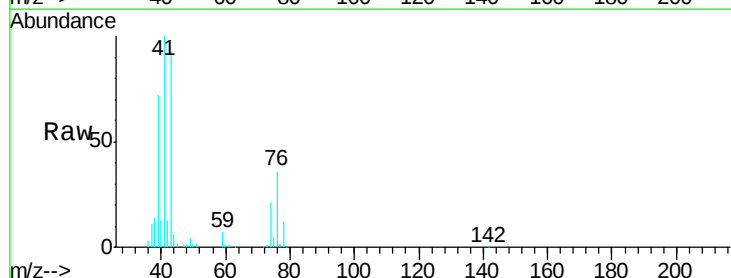
Tgt Ion: 41 Resp: 172465

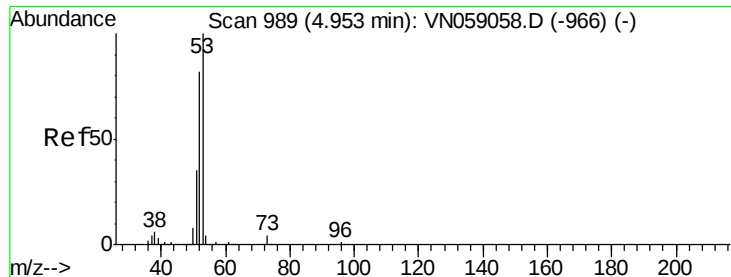
Ion Ratio Lower Upper

41 100

39 64.7 49.4 74.2

76 31.7 24.6 37.0





#15

Acrylonitrile

Concen: 98.008 ug/l

RT: 4.95 min Scan# 989

Delta R.T. 0.00 min

Lab File: VN059070.D

Acq: 1 Nov 2019 18:10

Instrument :

MSVOA_N

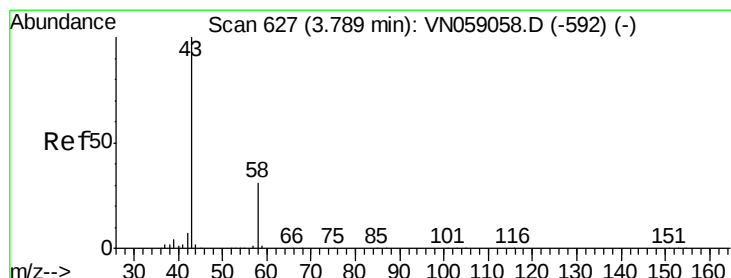
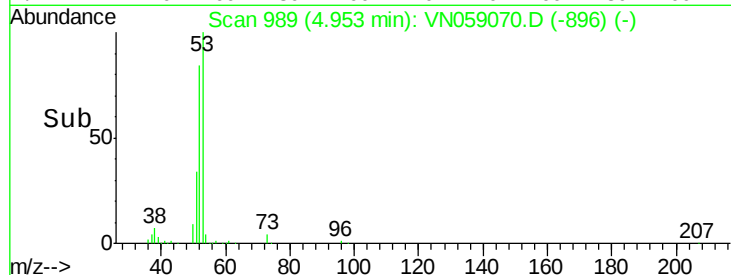
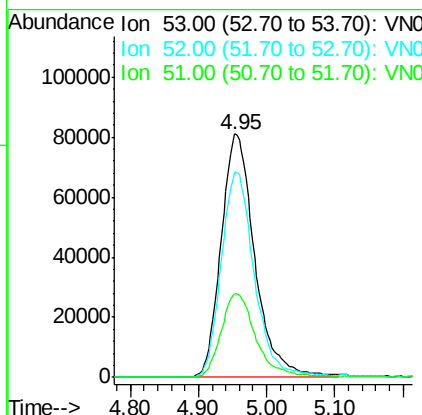
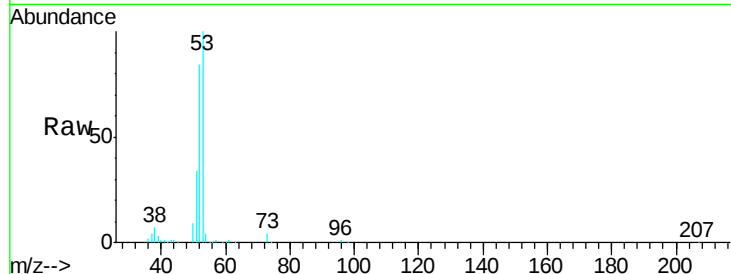
ClientSampleId :

VN1101WBSD02

Tgt Ion:	53	Resp:	278109
Ion	Ratio	Lower	Upper
53	100		
52	82.6	66.0	99.0
51	35.3	28.3	42.5

Manual Integrations
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#16

Acetone

Concen: 89.489 ug/l

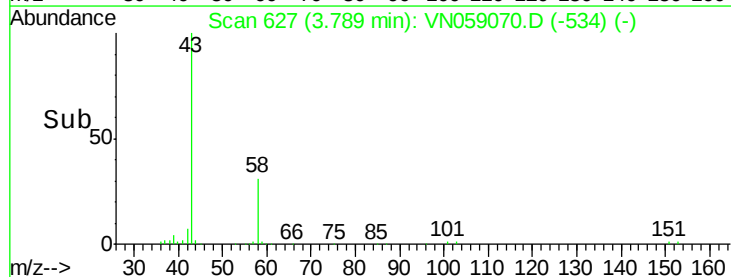
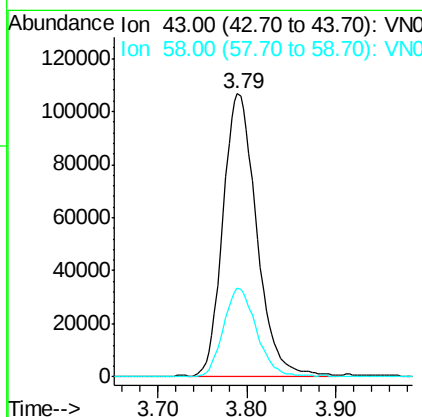
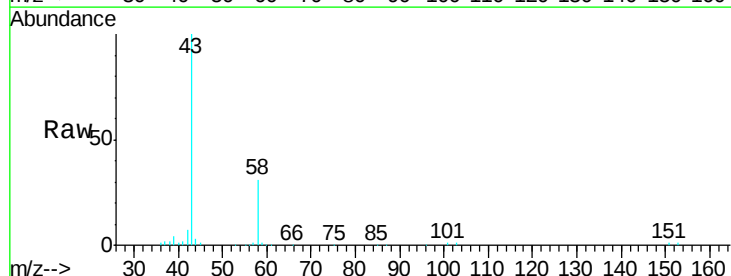
RT: 3.79 min Scan# 627

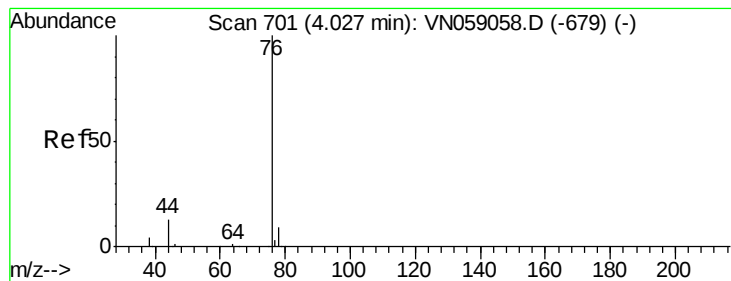
Delta R.T. 0.00 min

Lab File: VN059070.D

Acq: 1 Nov 2019 18:10

Tgt Ion:	43	Resp:	276902
Ion	Ratio	Lower	Upper
43	100		
58	31.2	25.0	37.6





#17

Carbon Disulfide

Concen: 18.659 ug/l

RT: 4.03 min Scan# 701

Delta R.T. 0.00 min

Lab File: VN059070.D

Acq: 1 Nov 2019 18:10

Instrument :

MSVOA_N

ClientSampleId :

VN1101WBSD02

Tgt Ion: 76 Resp: 271367

Ion Ratio Lower Upper

76 100

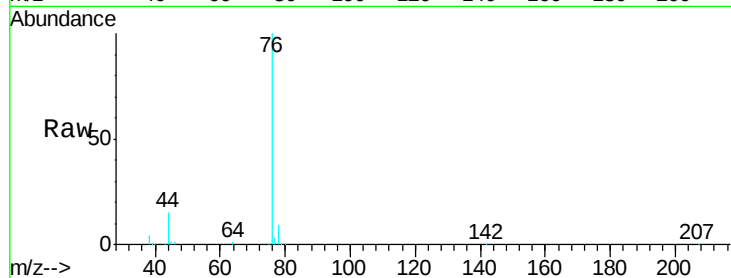
78 8.5 7.0 10.6

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

4.03

120000

100000

80000

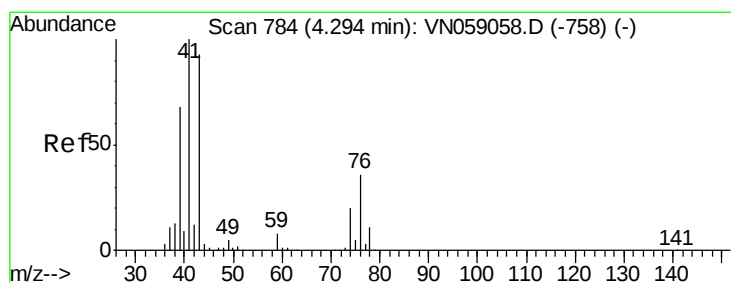
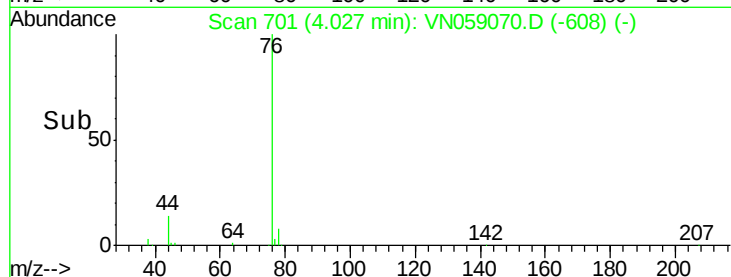
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 18.687 ug/l

RT: 4.30 min Scan# 785

Delta R.T. 0.00 min

Lab File: VN059070.D

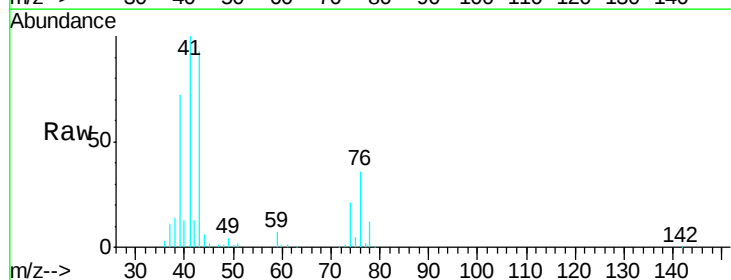
Acq: 1 Nov 2019 18:10

Tgt Ion: 43 Resp: 146488

Ion Ratio Lower Upper

43 100

74 21.8 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

4.30

50000

40000

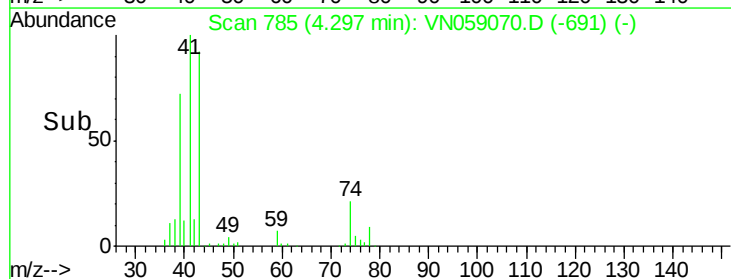
30000

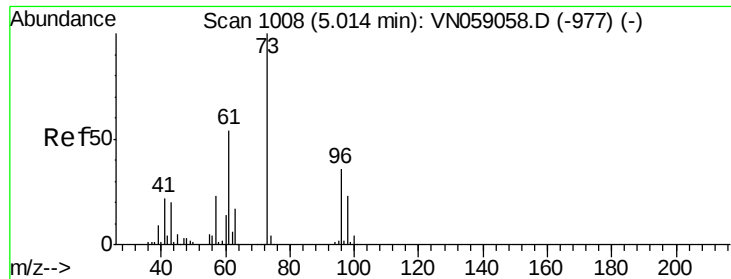
20000

10000

0

Time-->





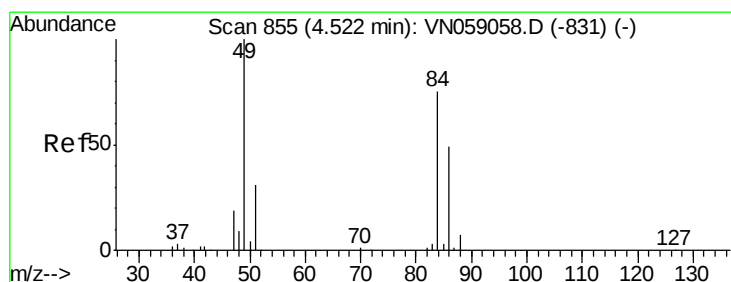
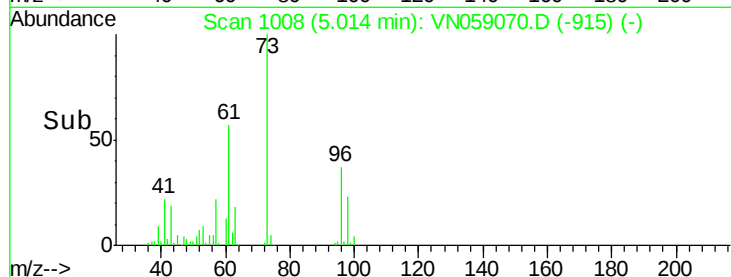
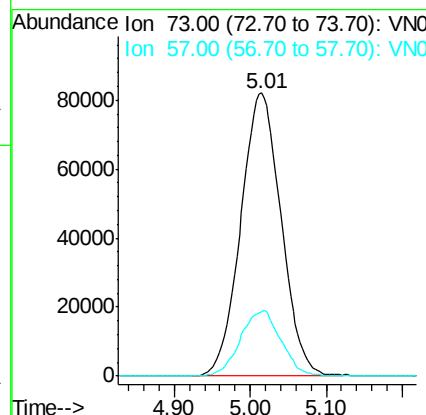
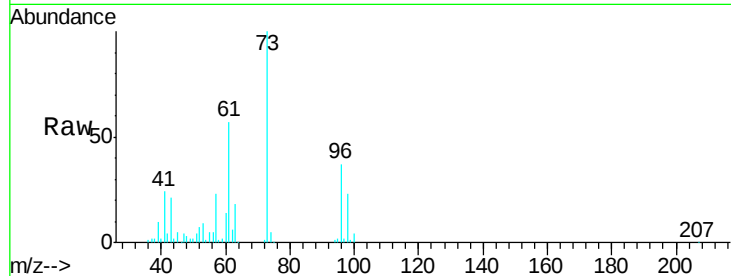
#19
Methyl tert-butyl Ether
Concen: 19.451 ug/l
RT: 5.01 min Scan# 1008
Delta R.T. 0.00 min
Lab File: VN059070.D
Acq: 1 Nov 2019 18:10

Instrument :
MSVOA_N
ClientSampleId :
VN1101WBSD02

Tgt Ion: 73 Resp: 303055
Ion Ratio Lower Upper
73 100
57 22.9 18.4 27.6

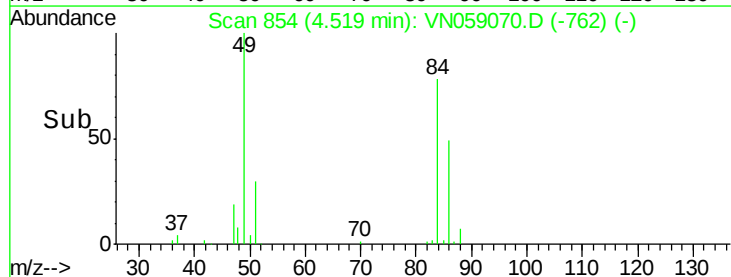
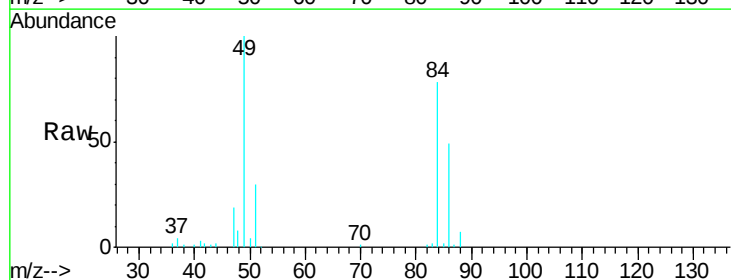
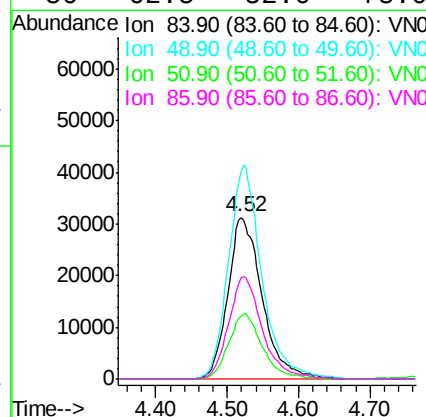
Manual Integrations
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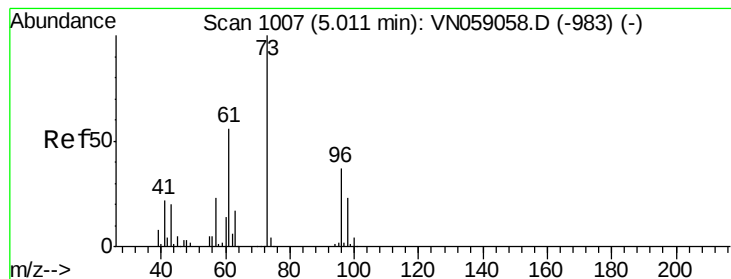
MMDadoda
11/5/2019 1:59:37 PM



#20
Methylene Chloride
Concen: 19.309 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN059070.D
Acq: 1 Nov 2019 18:10

Tgt Ion: 84 Resp: 104594
Ion Ratio Lower Upper
84 100
49 128.3 106.4 159.6
51 39.0 33.0 49.4
86 62.5 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 19.485 ug/l

RT: 5.01 min Scan# 1007

Delta R.T. 0.00 min

Lab File: VN059070.D

Acq: 1 Nov 2019 18:10

Instrument :

MSVOA_N

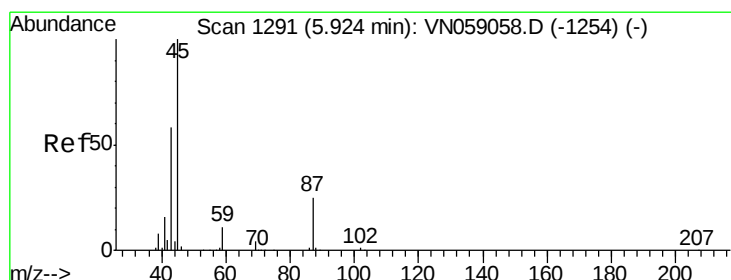
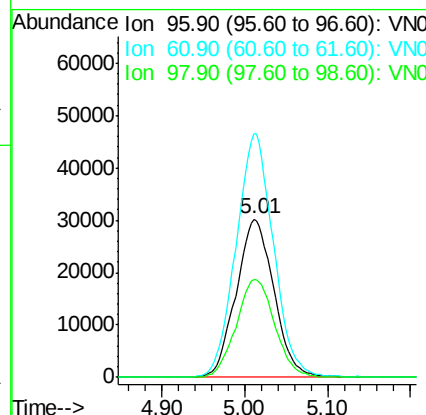
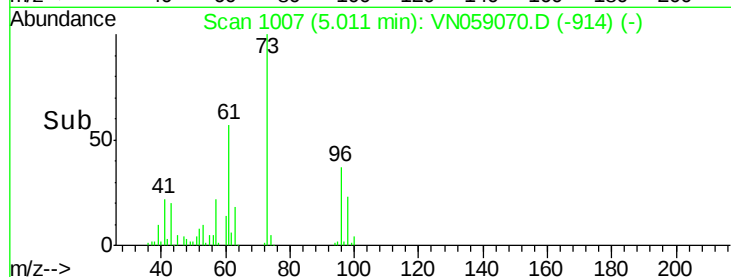
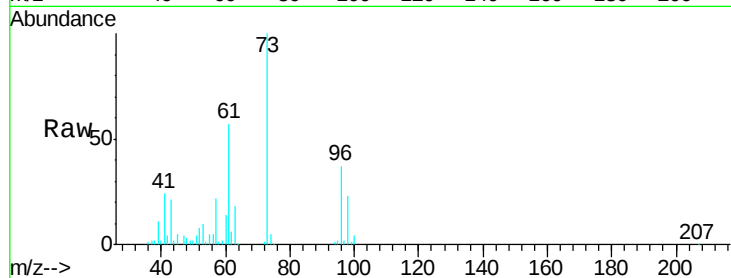
ClientSampleId :

VN1101WBSD02

Tgt Ion:	96	Resp:	95692
Ion	Ratio	Lower	Upper
96	100		
61	154.1	121.7	182.5
98	62.0	50.6	76.0

Manual Integrations
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11/5/2019 1:59:37 PM



#22

Diisopropyl ether

Concen: 20.052 ug/l

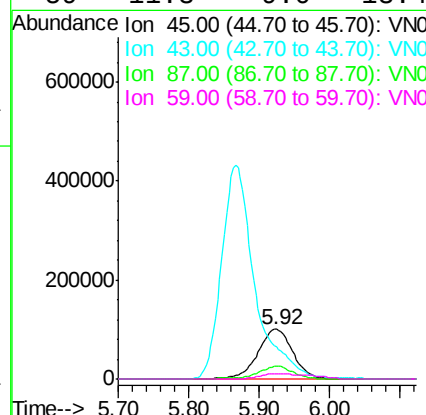
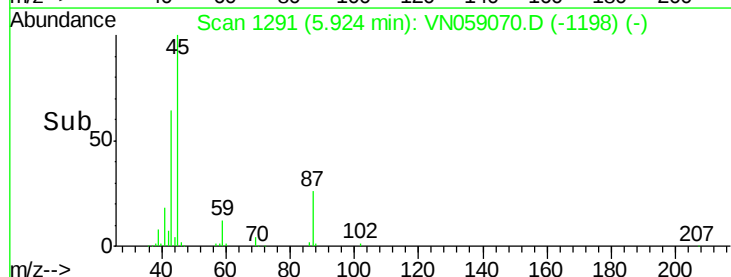
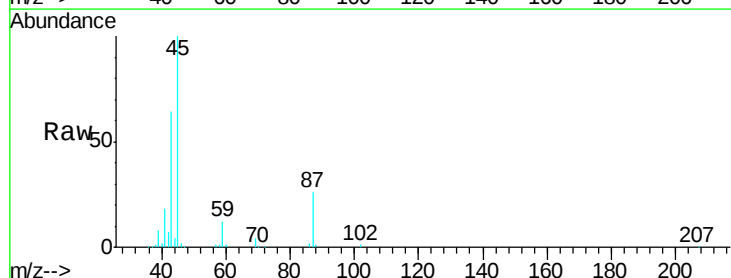
RT: 5.92 min Scan# 1291

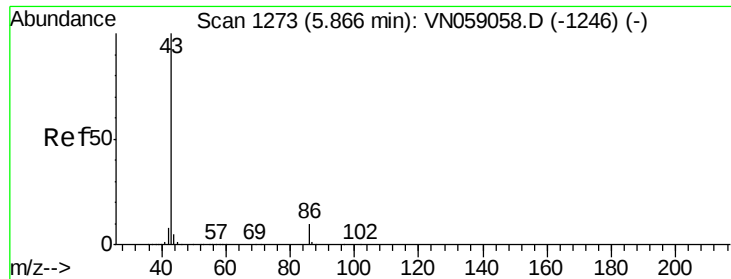
Delta R.T. 0.00 min

Lab File: VN059070.D

Acq: 1 Nov 2019 18:10

Tgt Ion:	45	Resp:	346221
Ion	Ratio	Lower	Upper
45	100		
43	62.9	46.9	70.3
87	25.6	20.1	30.1
59	11.3	9.0	13.4





#23

Vinyl Acetate

Concen: 103.923 ug/l

RT: 5.87 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VN059070.D

Acq: 1 Nov 2019 18:10

Instrument :

MSVOA_N

ClientSampleId :

VN1101WBSD02

Tgt Ion: 43 Resp: 1429135

Ion Ratio Lower Upper

43 100

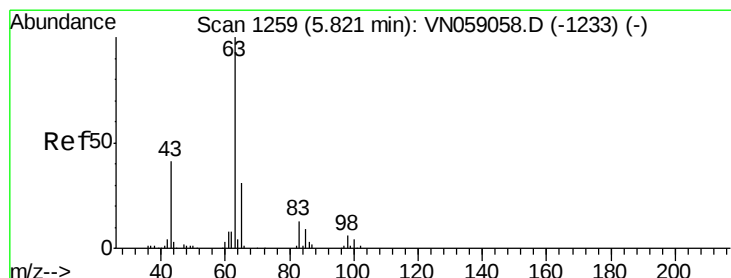
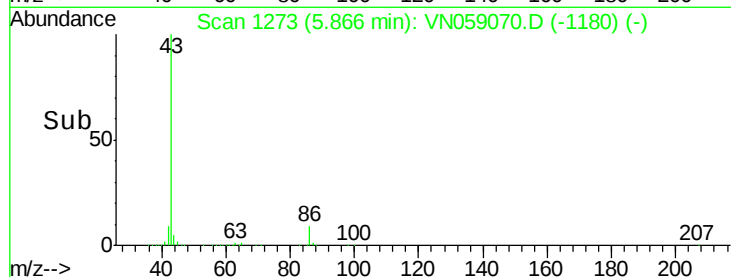
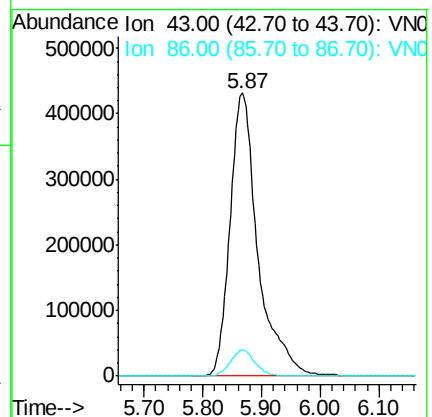
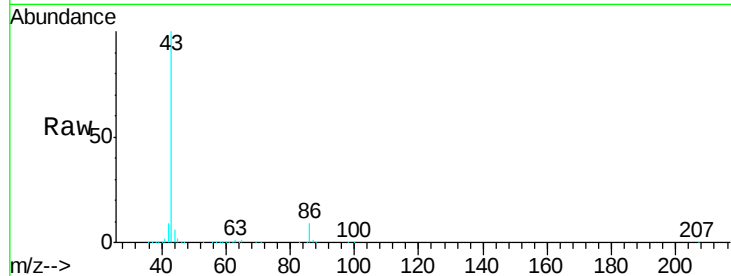
86 9.4 7.6 11.4

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 19.372 ug/l

RT: 5.82 min Scan# 1258

Delta R.T. -0.00 min

Lab File: VN059070.D

Acq: 1 Nov 2019 18:10

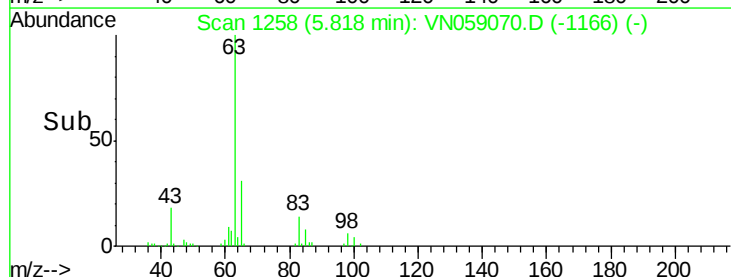
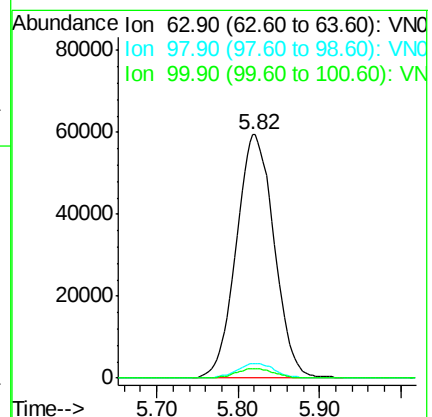
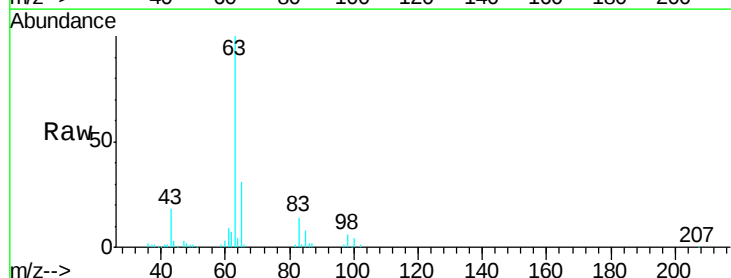
Tgt Ion: 63 Resp: 191229

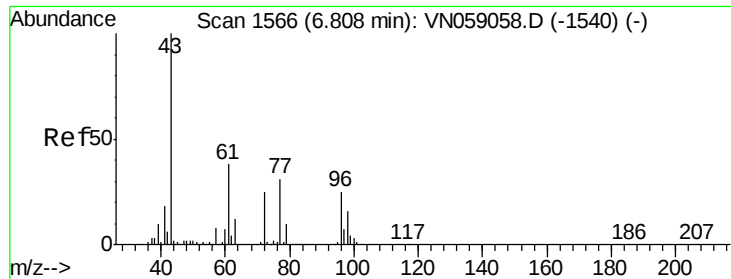
Ion Ratio Lower Upper

63 100

98 5.8 3.2 9.6

100 4.0 2.0 6.0





#25

2-Butanone

Concen: 94.633 ug/l

RT: 6.81 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN059070.D

Acq: 1 Nov 2019 18:10

Instrument :

MSVOA_N

ClientSampleId :

VN1101WBSD02

Tgt Ion: 43 Resp: 389901

Ion Ratio Lower Upper

43 100

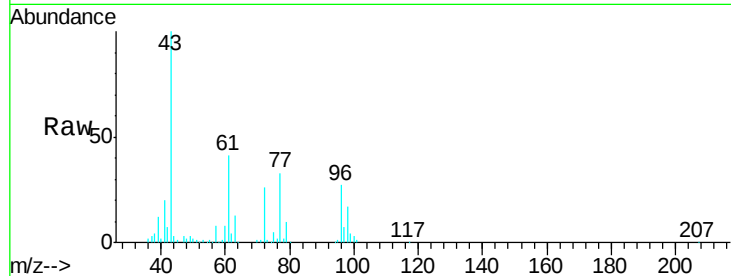
72 25.7 19.9 29.9

Manual Integrations

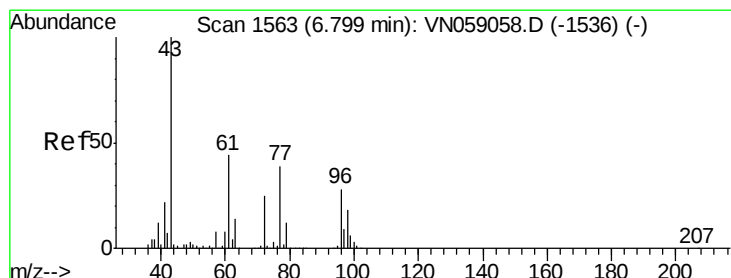
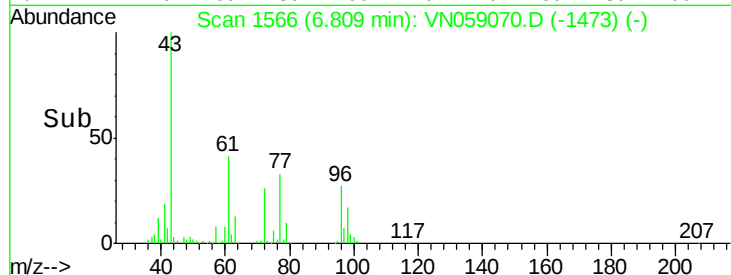
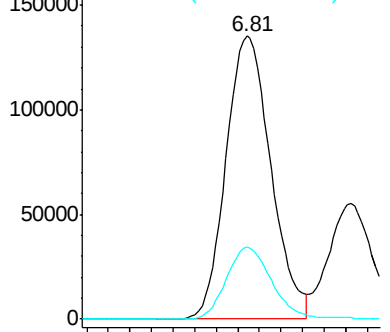
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Abundance Ion 43.00 (42.70 to 43.70): VN059058.D (-1540) (-)



#26

2,2-Dichloropropane

Concen: 18.692 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN059070.D

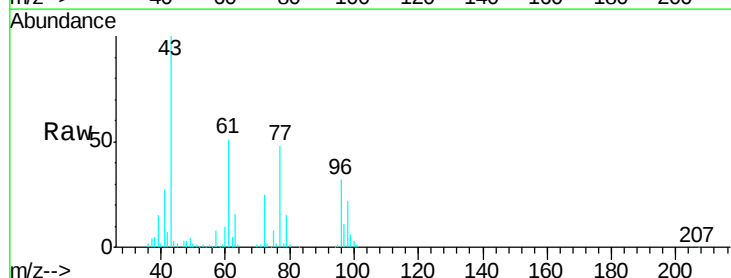
Acq: 1 Nov 2019 18:10

Tgt Ion: 77 Resp: 160151

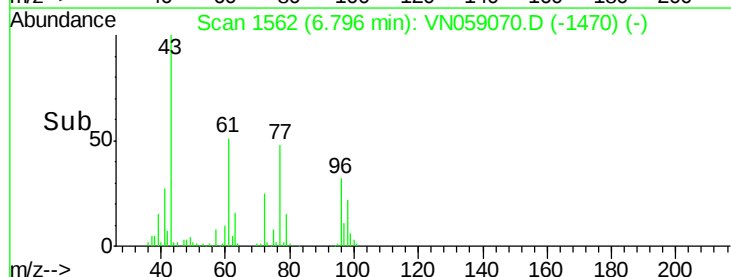
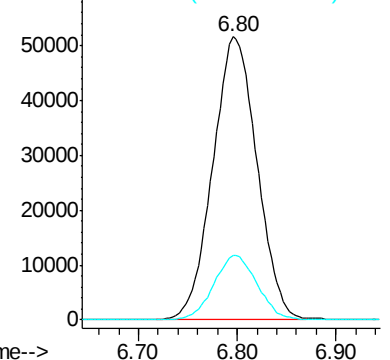
Ion Ratio Lower Upper

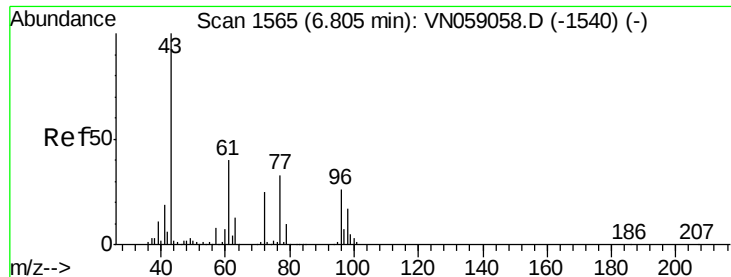
77 100

97 22.3 10.9 32.9



Abundance Ion 76.90 (76.60 to 77.60): VN059058.D (-1536) (-)





#27

cis-1,2-Dichloroethene

Concen: 19.551 ug/l

RT: 6.81 min Scan# 1565

Delta R.T. 0.00 min

Lab File: VN059070.D

Acq: 1 Nov 2019 18:10

Instrument :

MSVOA_N

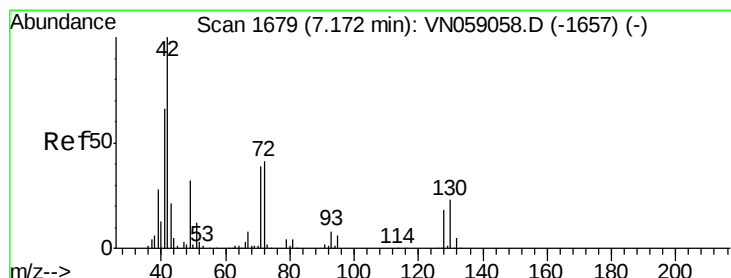
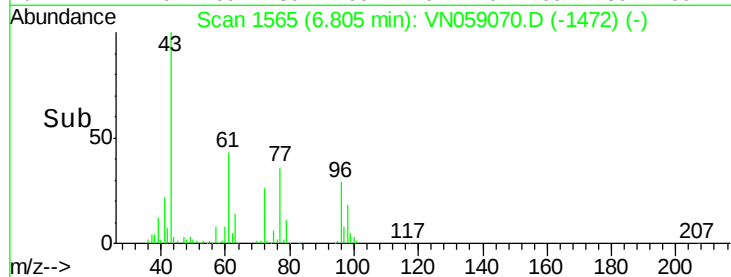
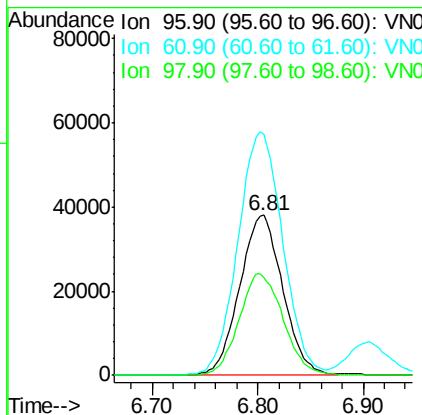
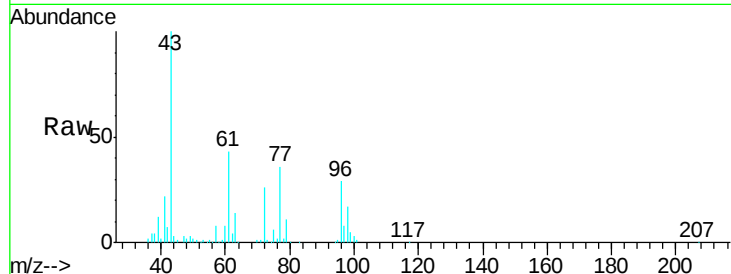
ClientSampleId :

VN1101WBSD02

Tgt Ion:	96	Resp:	108110
Ion	Ratio	Lower	Upper
96	100		
61	158.3	0.0	316.4
98	65.0	0.0	128.2

Manual Integrations
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#28

Bromochloromethane

Concen: 17.849 ug/l

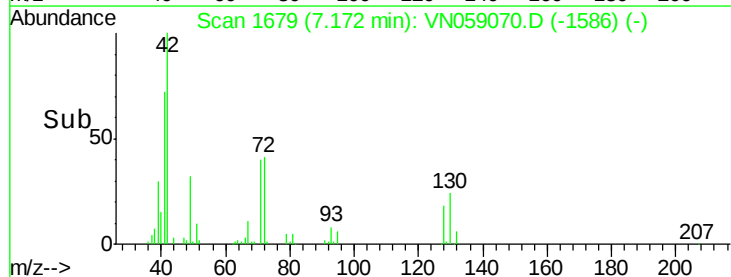
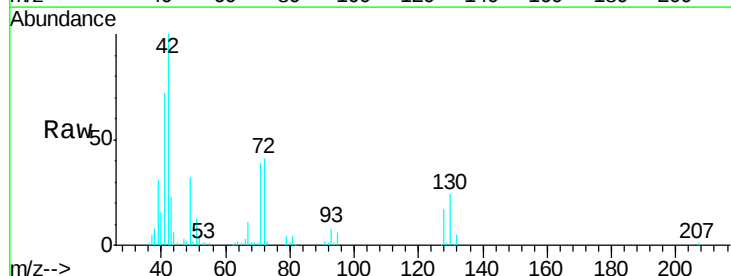
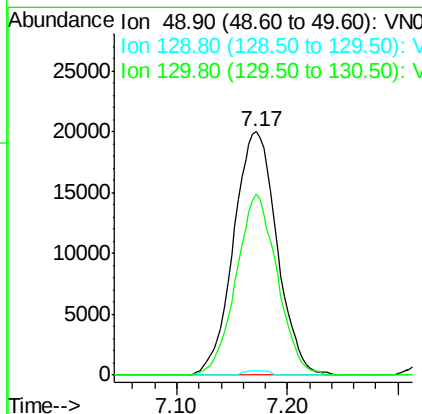
RT: 7.17 min Scan# 1679

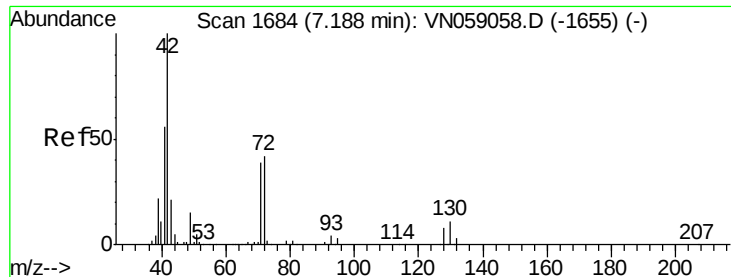
Delta R.T. 0.00 min

Lab File: VN059070.D

Acq: 1 Nov 2019 18:10

Tgt Ion:	49	Resp:	54378
Ion	Ratio	Lower	Upper
49	100		
129	1.0	0.0	3.4
130	70.4	55.0	82.6





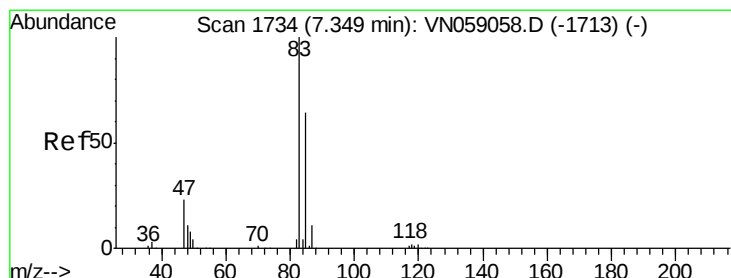
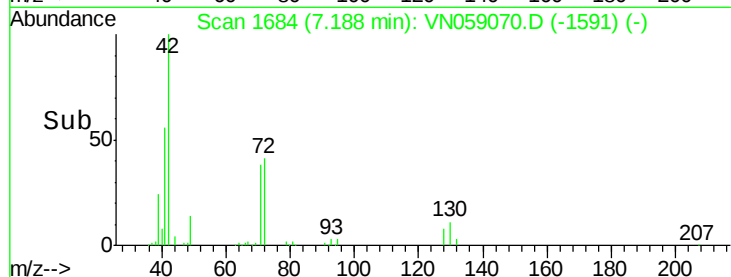
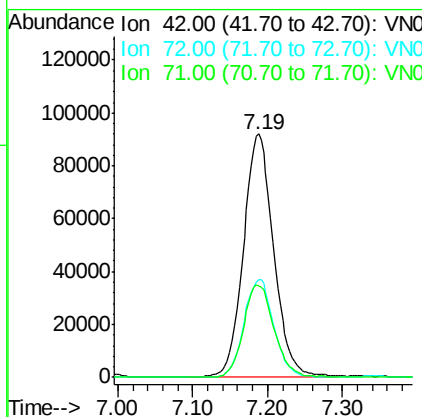
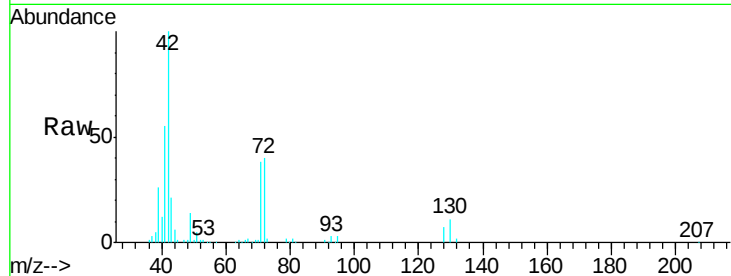
#29
Tetrahydrofuran
Concen: 99.653 ug/l
RT: 7.19 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VN059070.D
Acq: 1 Nov 2019 18:10

Instrument :
MSVOA_N
ClientSampleId :
VN1101WBSD02

Tgt Ion	Ratio	Lower	Upper
42	100		
72	39.8	32.7	49.1
71	38.3	31.2	46.8

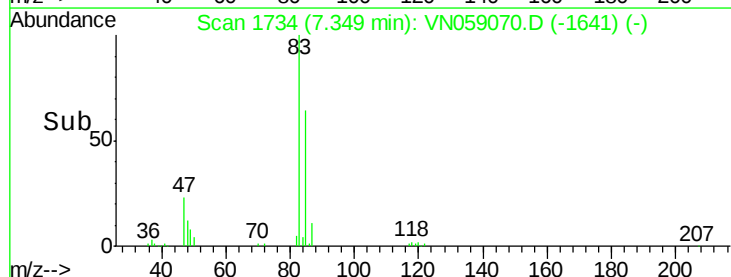
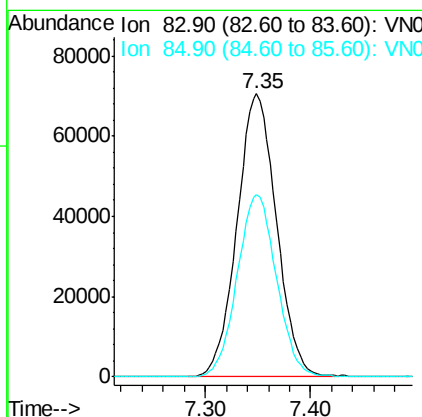
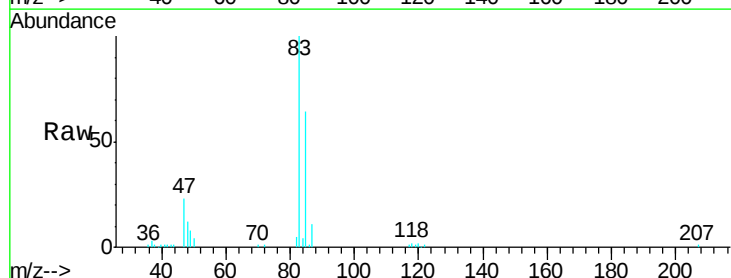
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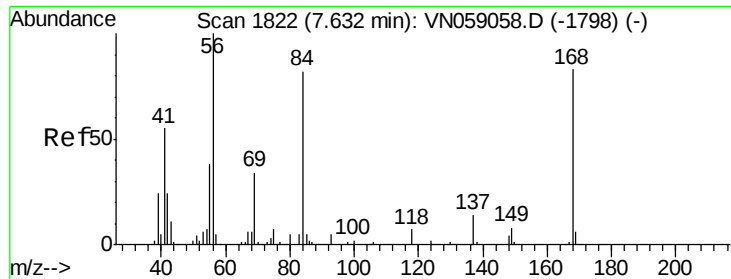
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#30
Chloroform
Concen: 19.416 ug/l
RT: 7.35 min Scan# 1734
Delta R.T. 0.00 min
Lab File: VN059070.D
Acq: 1 Nov 2019 18:10

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.4	50.9	76.3





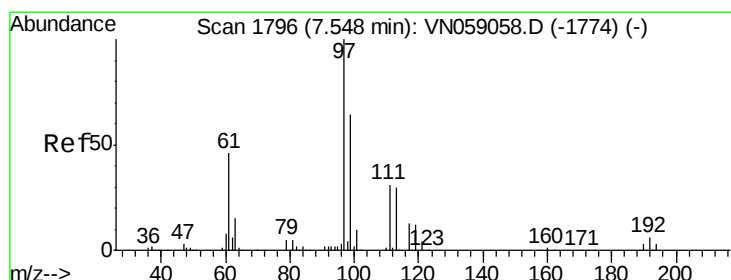
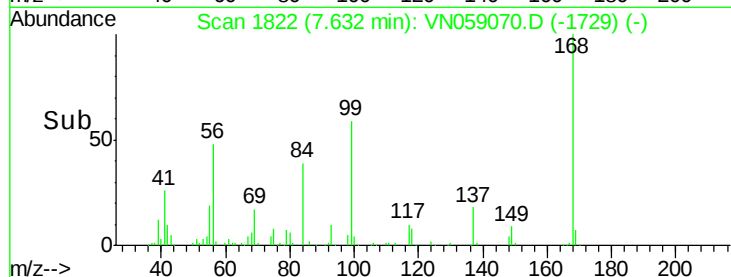
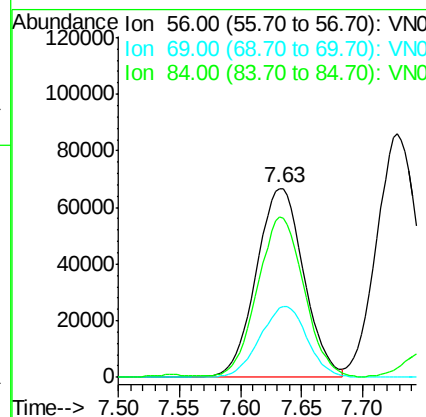
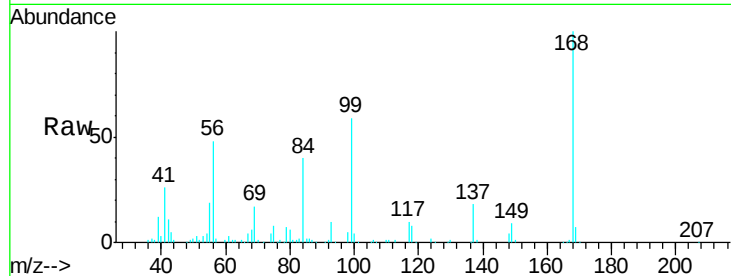
#31
Cyclohexane
Concen: 19.193 ug/l
RT: 7.63 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VN059070.D
Acq: 1 Nov 2019 18:10

Instrument :
MSVOA_N
ClientSampleId :
VN1101WBSD02

Tgt Ion	Ratio	Lower	Upper
56	100		
69	36.7	27.2	40.8
84	83.8	65.2	97.8

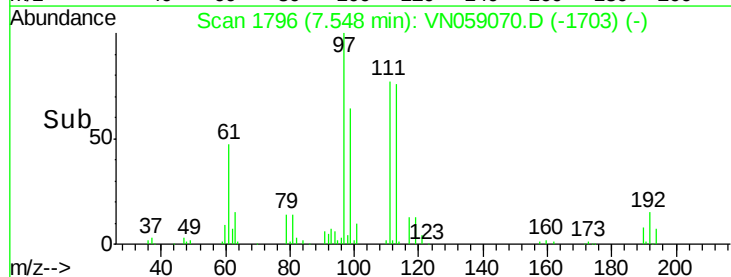
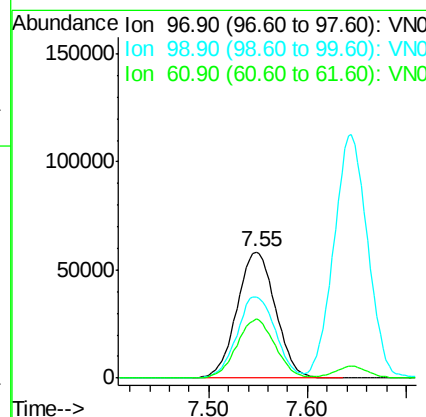
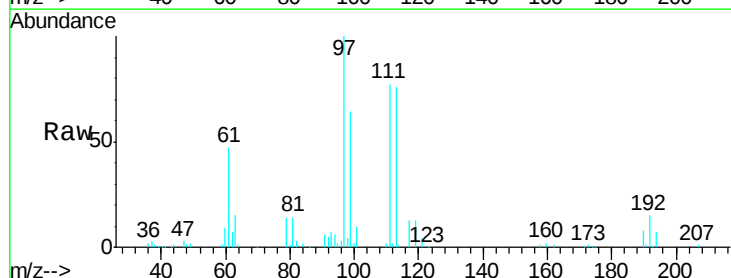
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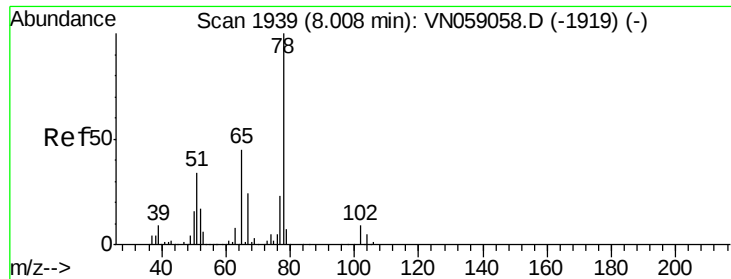
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#32
1,1,1-Trichloroethane
Concen: 19.708 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. 0.00 min
Lab File: VN059070.D
Acq: 1 Nov 2019 18:10

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.9	50.7	76.1
61	46.6	36.3	54.5





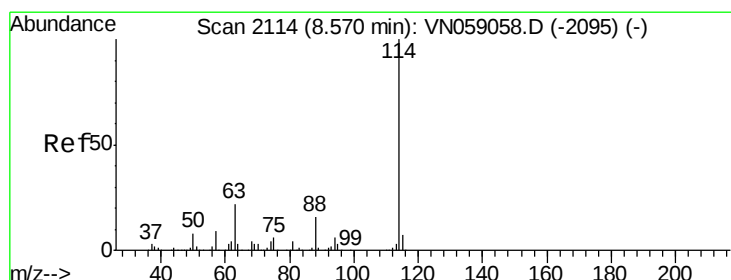
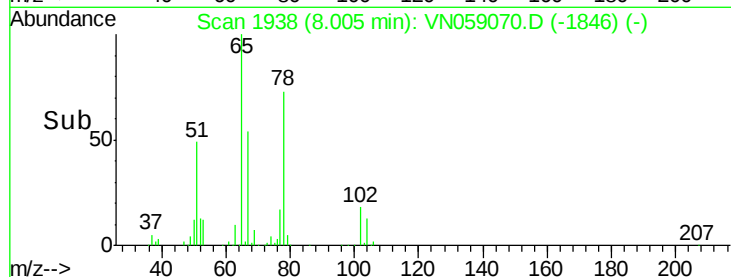
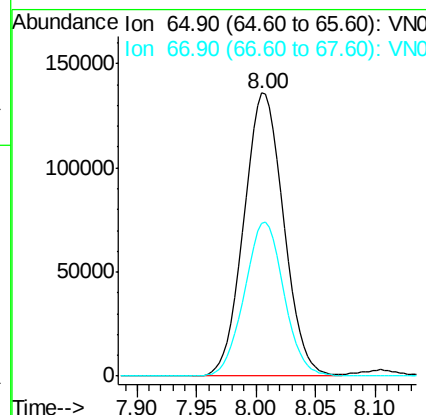
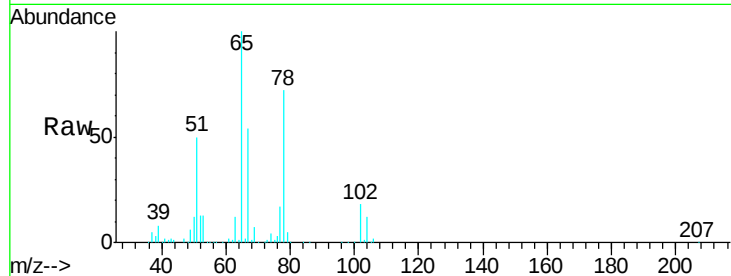
#33
 1,2-Dichloroethane-d4
 Concen: 51.678 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VN059070.D
 Acq: 1 Nov 2019 18:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1101WBSD02

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	315855		
67	54.1	0.0	107.6	

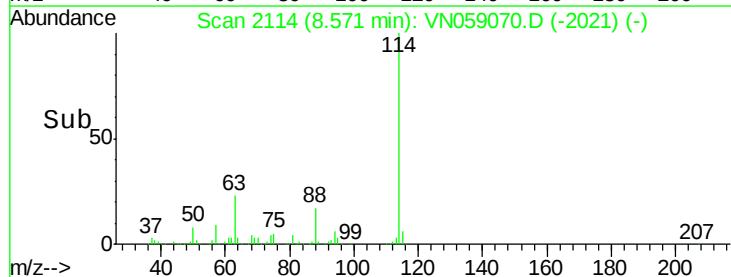
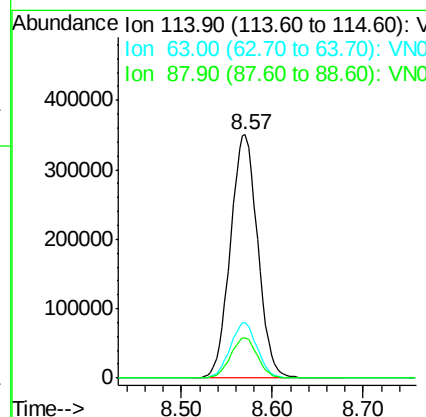
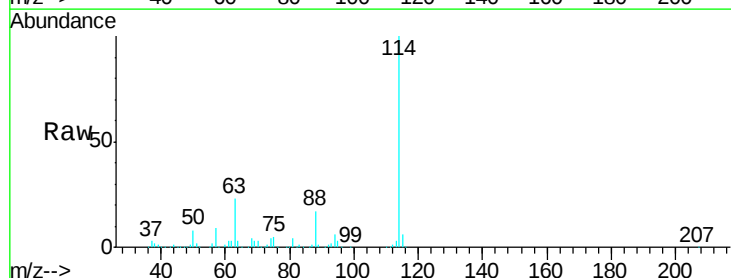
Manual Integrations
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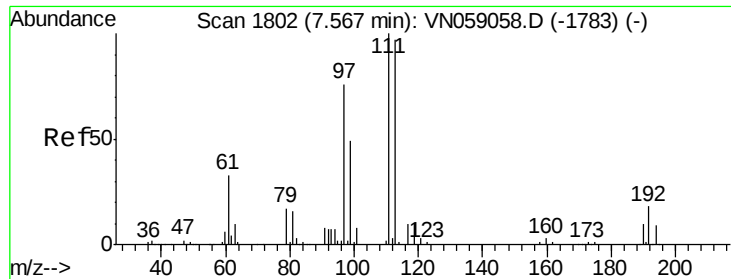
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VN059070.D
 Acq: 1 Nov 2019 18:10

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	731881		
63	22.7	0.0	43.2	
88	16.6	0.0	33.0	





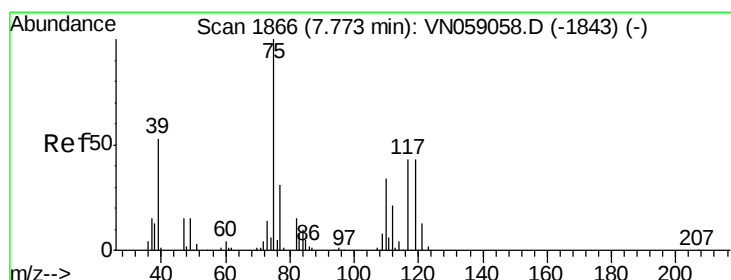
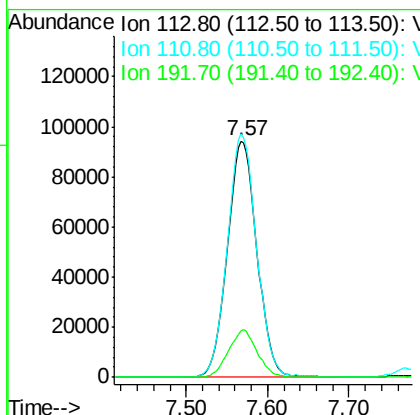
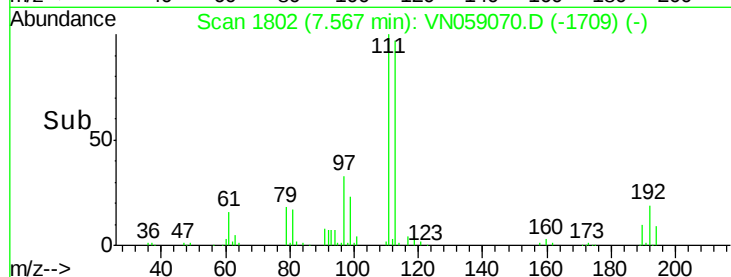
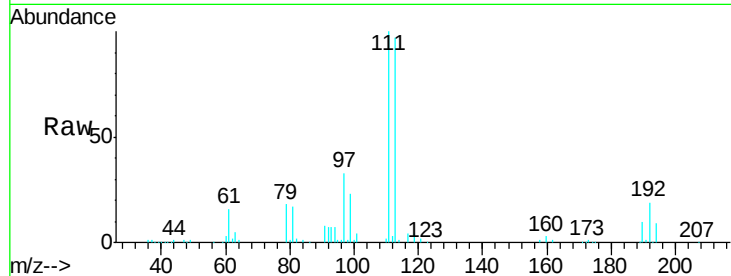
#35
 Dibromofluoromethane
 Concen: 50.757 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN059070.D
 Acq: 1 Nov 2019 18:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1101WBSD02

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	239652		
111	102.1	82.9	124.3	
192	19.5	15.9	23.9	

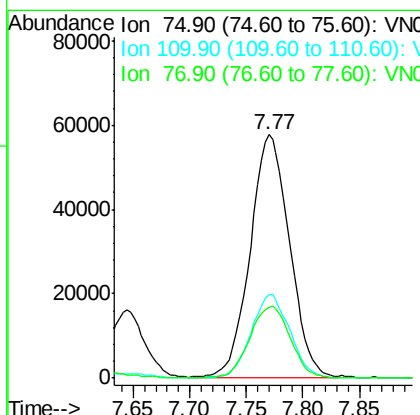
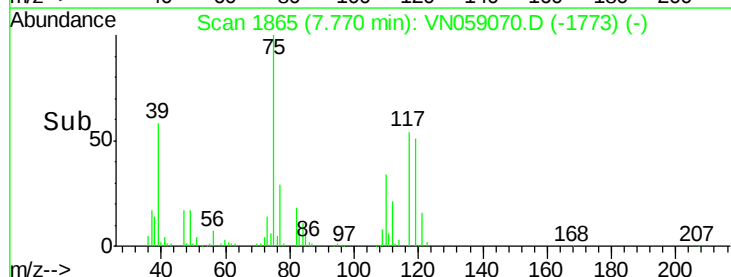
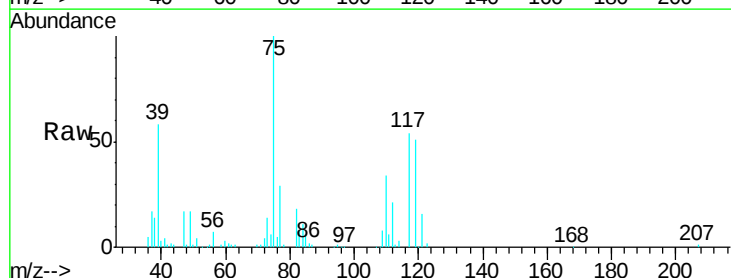
Manual Integrations
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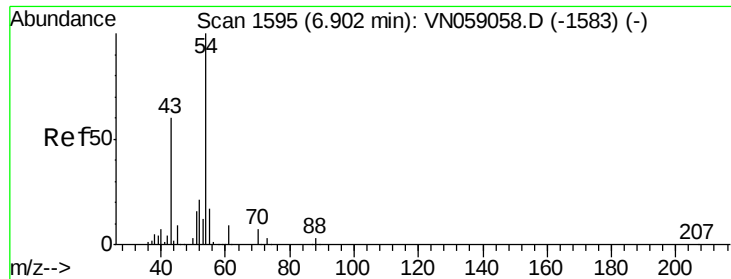
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#36
 1,1-Dichloropropene
 Concen: 19.047 ug/l
 RT: 7.77 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VN059070.D
 Acq: 1 Nov 2019 18:10

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	138550		
110	34.0	16.9	50.6	
77	30.8	25.0	37.4	





#37

Ethyl Acetate

Concen: 19.112 ug/l

RT: 6.90 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VN059070.D

Acq: 1 Nov 2019 18:10

Instrument :

MSVOA_N

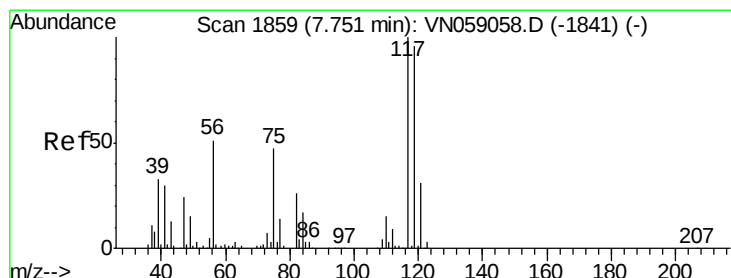
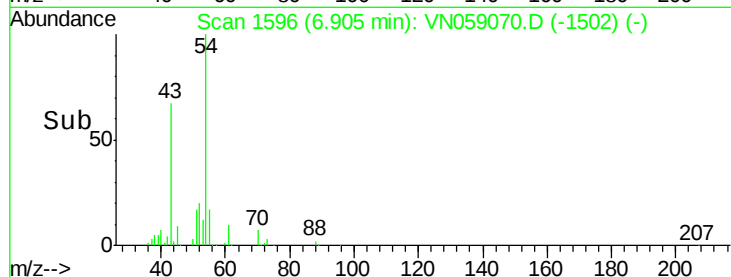
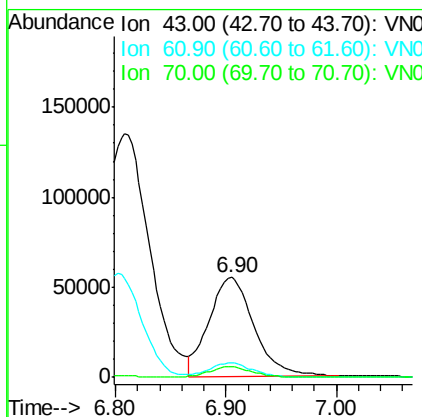
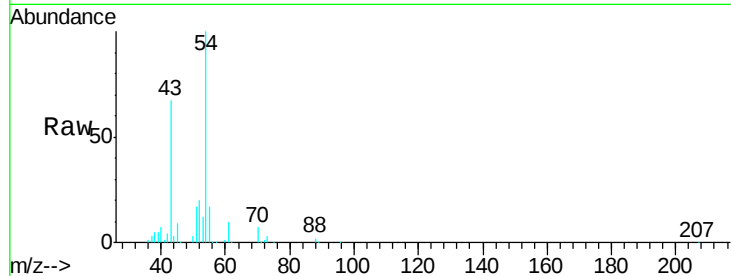
ClientSampleId :

VN1101WBSD02

Tgt Ion:	43	Resp:	154465
Ion Ratio	Lower	Upper	
43	100		
61	13.5	11.2	16.8
70	10.4	8.0	12.0

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 19.801 ug/l

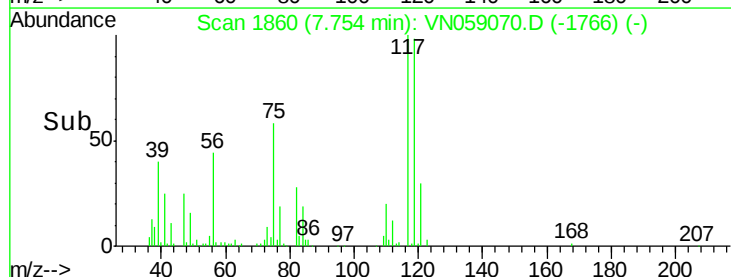
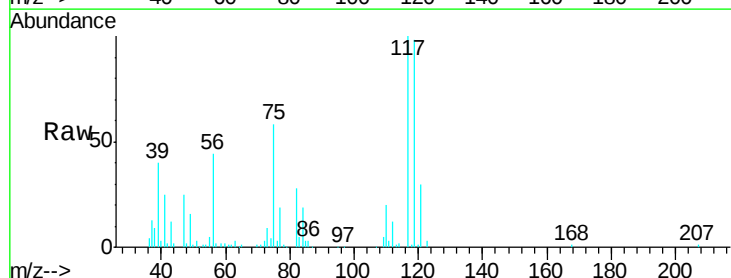
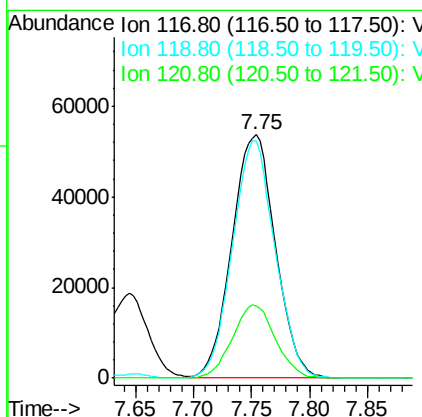
RT: 7.75 min Scan# 1860

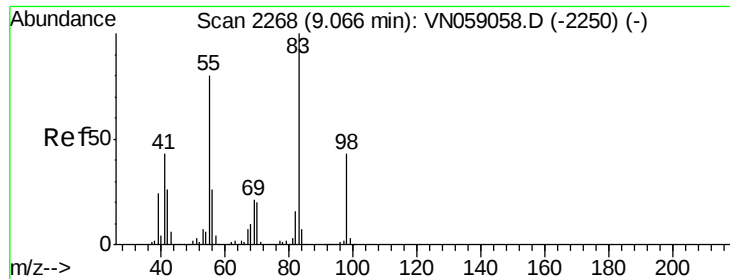
Delta R.T. 0.00 min

Lab File: VN059070.D

Acq: 1 Nov 2019 18:10

Tgt Ion:	117	Resp:	140372
Ion Ratio	Lower	Upper	
117	100		
119	97.6	76.6	114.8
121	29.7	24.6	37.0





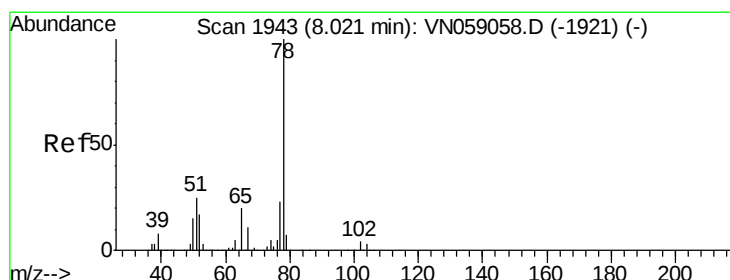
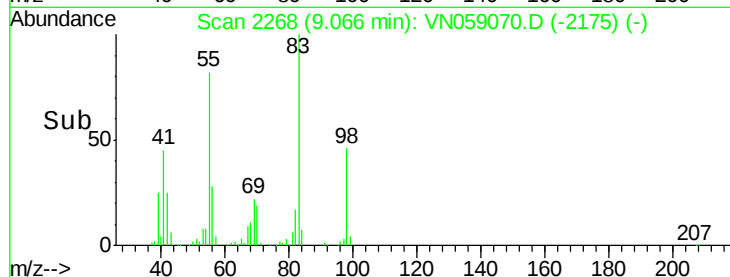
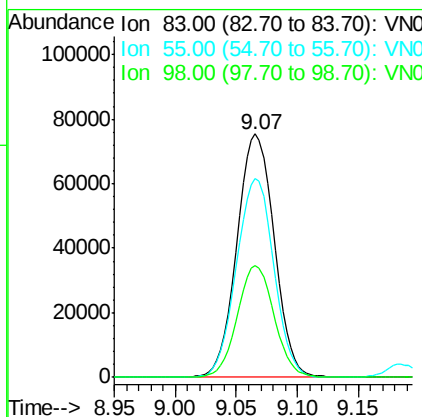
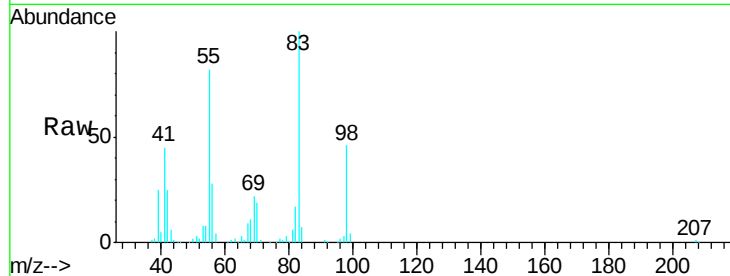
#39
Methylcyclohexane
Concen: 18.987 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. 0.00 min
Lab File: VN059070.D
Acq: 1 Nov 2019 18:10

Instrument :
MSVOA_N
ClientSampleId :
VN1101WBSD02

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	159639		
55	81.8	64.1	96.1	
98	46.1	34.3	51.5	

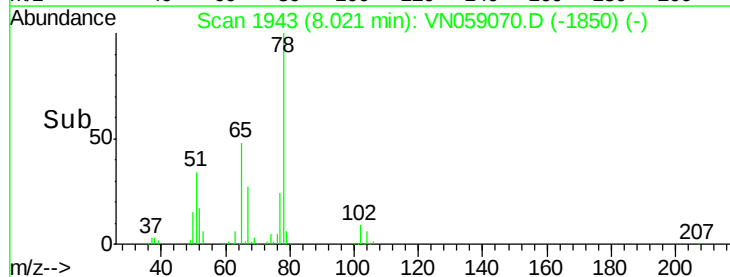
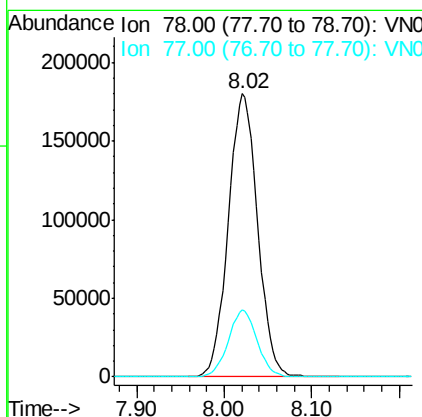
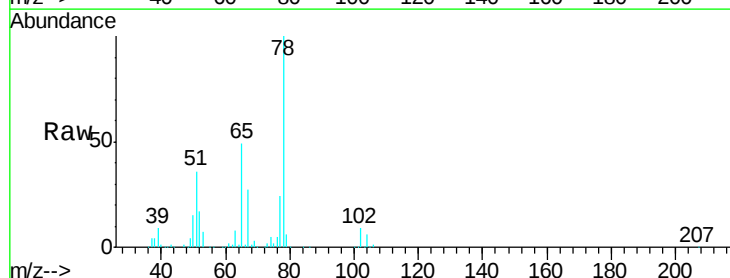
Manual Integrations
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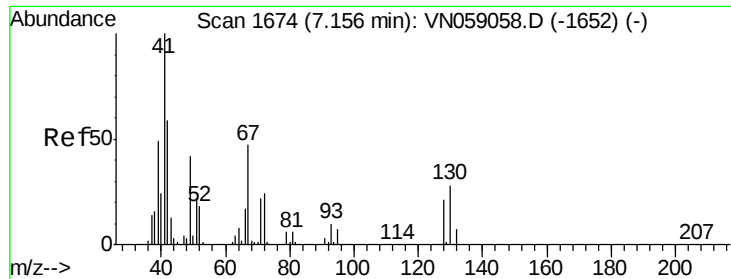
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#40
Benzene
Concen: 19.389 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN059070.D
Acq: 1 Nov 2019 18:10

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	418547		
77	23.8	18.6	27.8	





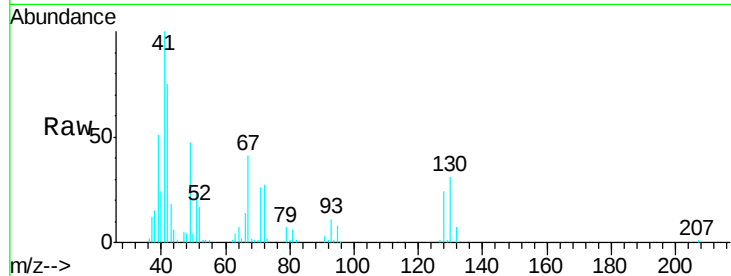
#41
Methacrylonitrile
Concen: 21.569 ug/l m
RT: 7.16 min Scan# 1675
Delta R.T. 0.00 min
Lab File: VN059070.D
Acq: 1 Nov 2019 18:10

Instrument :
MSVOA_N
ClientSampleId :
VN1101WBSD02

Tgt Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

Manual Integrations
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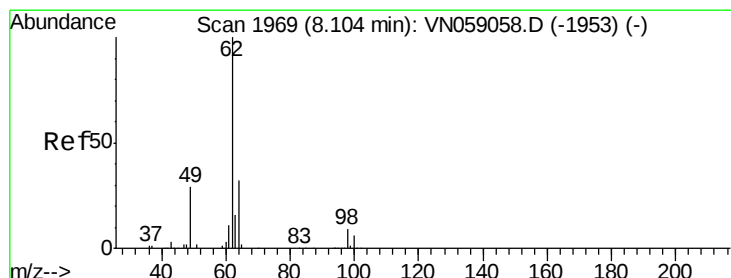
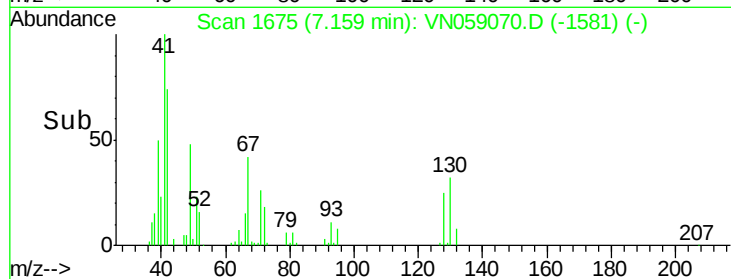
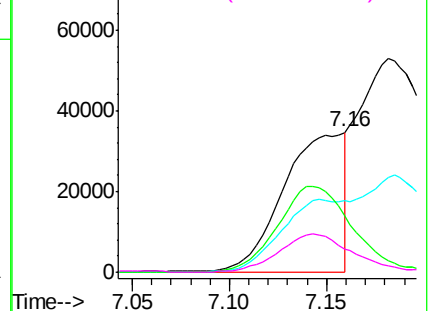


Abundance Ion 41.00 (40.70 to 41.70): VN059058.D (-1652) (-)

Ion 39.00 (38.70 to 39.70): VN059058.D (-1652) (-)

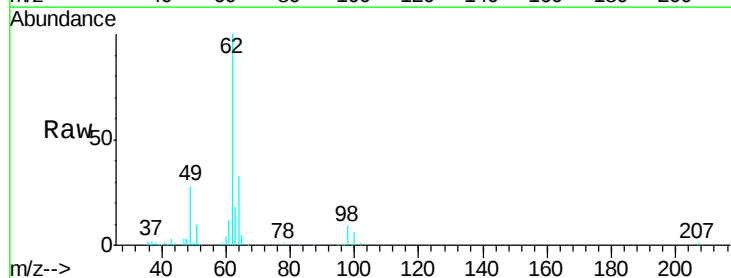
Ion 67.00 (66.70 to 67.70): VN059058.D (-1652) (-)

Ion 52.00 (51.70 to 52.70): VN059058.D (-1652) (-)



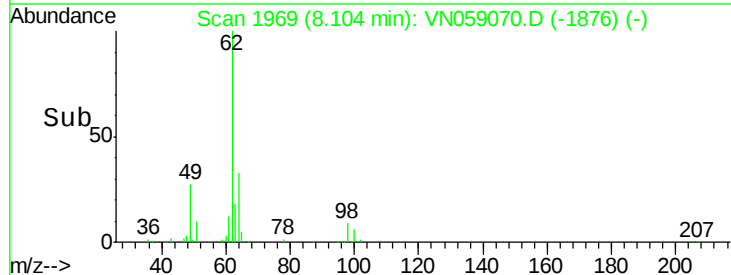
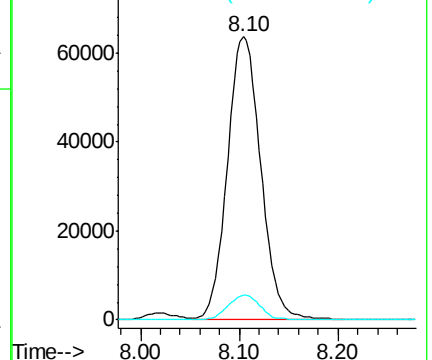
#42
1,2-Dichloroethane
Concen: 20.121 ug/l
RT: 8.10 min Scan# 1969
Delta R.T. 0.00 min
Lab File: VN059070.D
Acq: 1 Nov 2019 18:10

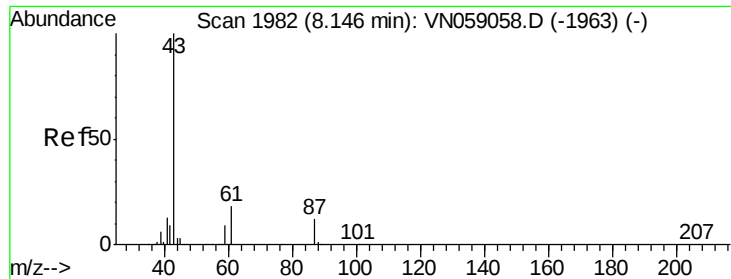
Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	18.0



Abundance Ion 61.90 (61.60 to 62.60): VN059058.D (-1953) (-)

Ion 97.90 (97.60 to 98.60): VN059058.D (-1953) (-)





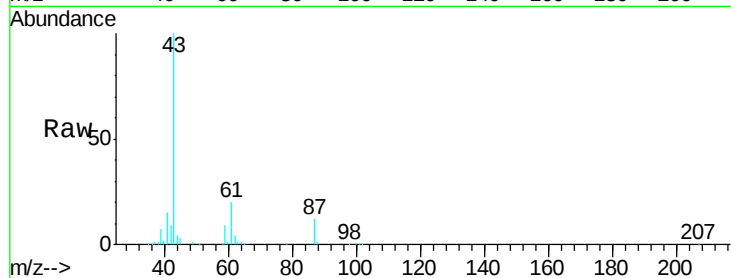
#43
Isopropyl Acetate
Concen: 19.286 ug/l
RT: 8.14 min Scan# 1981
Delta R.T. -0.00 min
Lab File: VN059070.D
Acq: 1 Nov 2019 18:10

Instrument :
MSVOA_N
ClientSampleId :
VN1101WBSD02

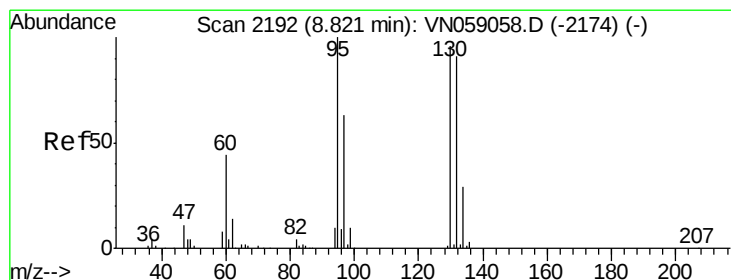
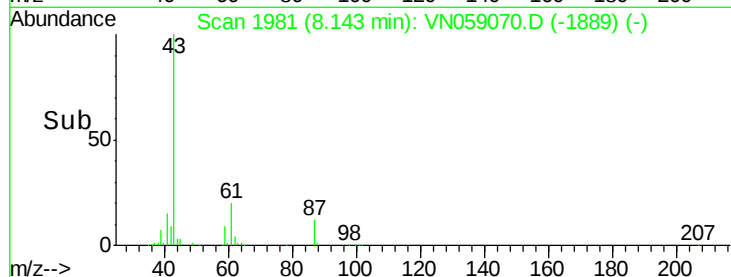
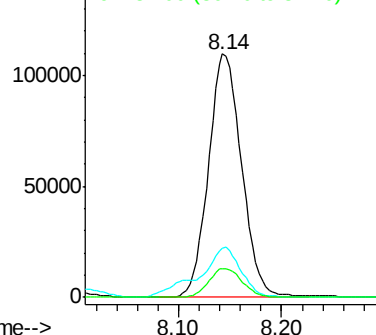
Tgt Ion	Ratio	Lower	Upper
43	100		
61	26.2	20.5	30.7
87	12.1	9.8	14.8

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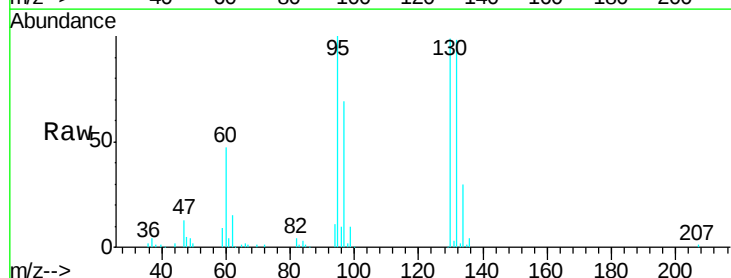


Abundance Ion 43.00 (42.70 to 43.70): VN059058.D (-1963) (-)

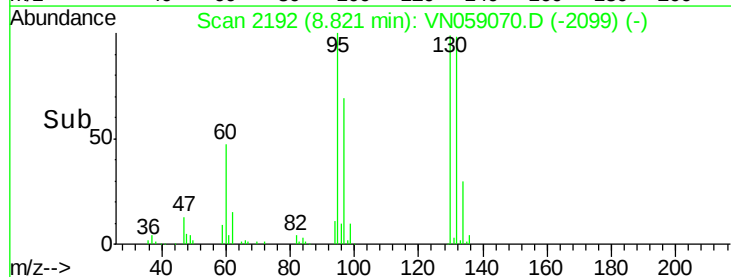
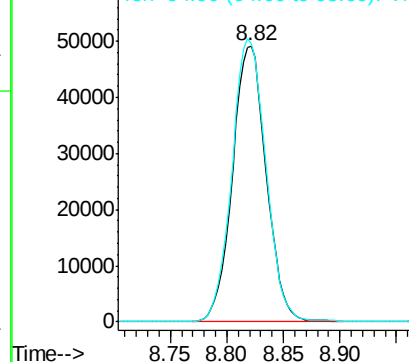


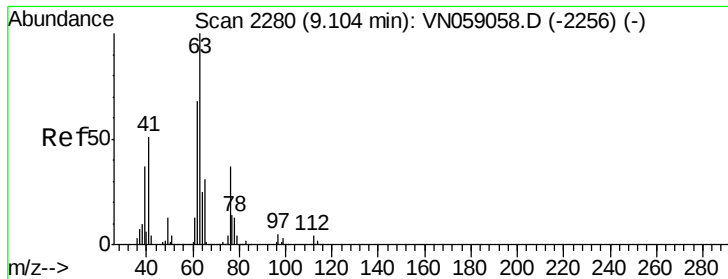
#44
Trichloroethene
Concen: 19.191 ug/l
RT: 8.82 min Scan# 2192
Delta R.T. 0.00 min
Lab File: VN059070.D
Acq: 1 Nov 2019 18:10

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.9	0.0	207.6



Abundance Ion 129.80 (129.50 to 130.50): VN059058.D (-2174) (-)





#45

1,2-Dichloropropane

Concen: 19.665 ug/l

RT: 9.10 min Scan# 2280

Delta R.T. 0.00 min

Lab File: VN059070.D

Acq: 1 Nov 2019 18:10

Instrument :

MSVOA_N

ClientSampleId :

VN1101WBSD02

Tgt Ion: 63 Resp: 114805

Ion Ratio Lower Upper

63 100

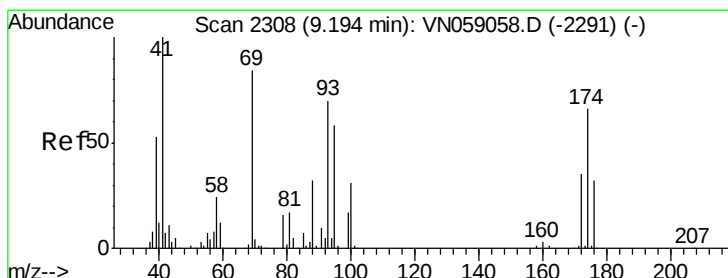
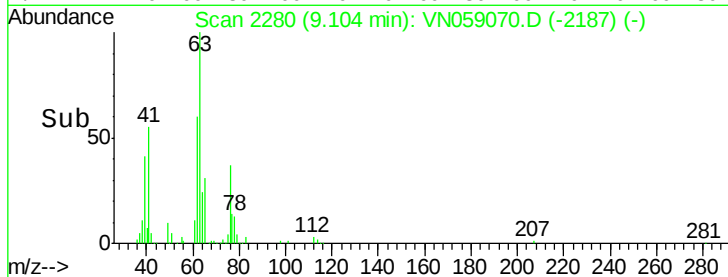
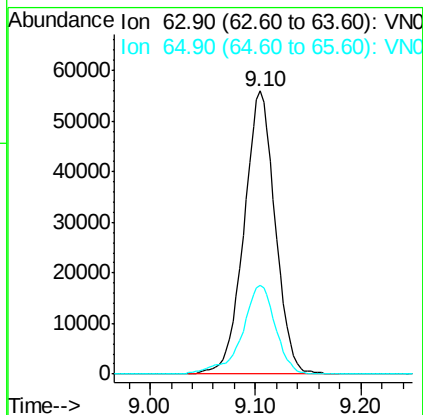
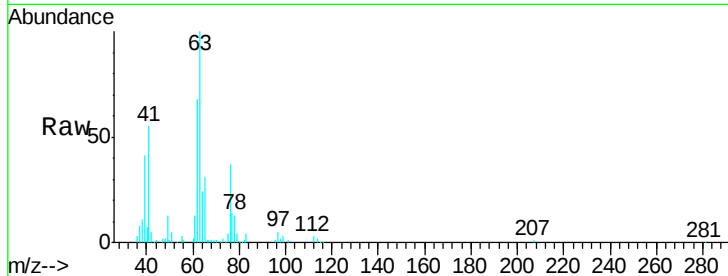
65 31.4 25.0 37.6

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#46

Dibromomethane

Concen: 18.915 ug/l

RT: 9.19 min Scan# 2308

Delta R.T. 0.00 min

Lab File: VN059070.D

Acq: 1 Nov 2019 18:10

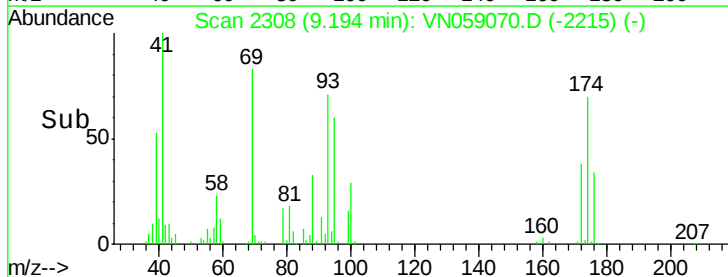
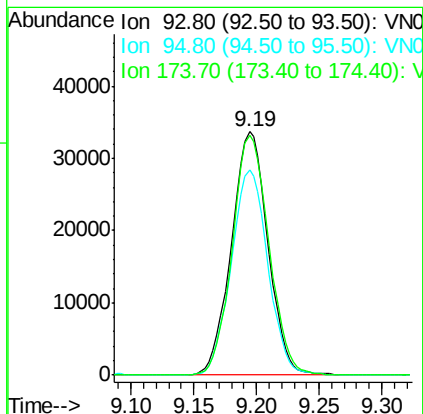
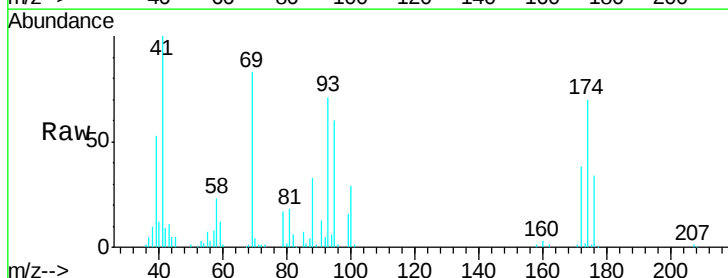
Tgt Ion: 93 Resp: 68249

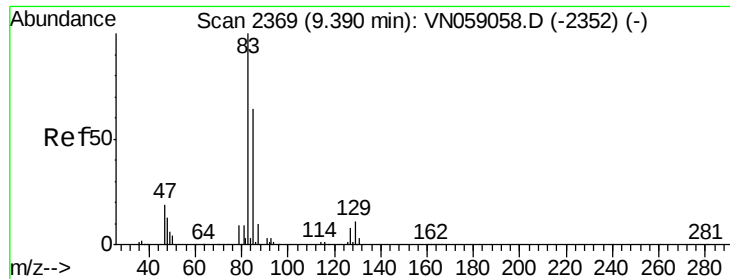
Ion Ratio Lower Upper

93 100

95 84.7 67.2 100.8

174 98.9 78.3 117.5





#47

Bromodichloromethane

Concen: 19.265 ug/l

RT: 9.39 min Scan# 2369

Delta R.T. 0.00 min

Lab File: VN059070.D

Acq: 1 Nov 2019 18:10

Instrument :

MSVOA_N

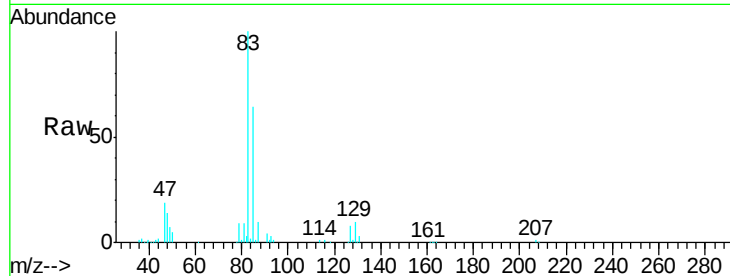
ClientSampleId :

VN1101WBSD02

Tgt Ion:	83	Resp:	140775
Ion	Ratio	Lower	Upper
83	100		
85	63.5	51.2	76.8
127	8.0	6.5	9.7

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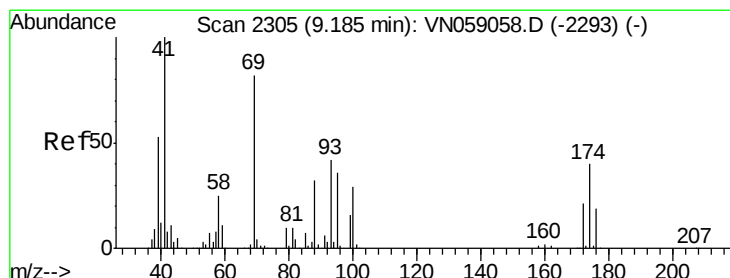
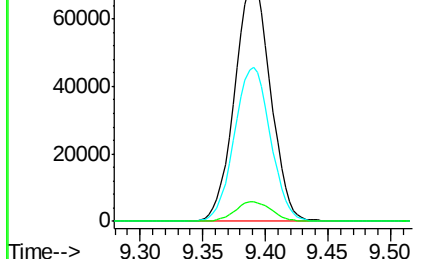
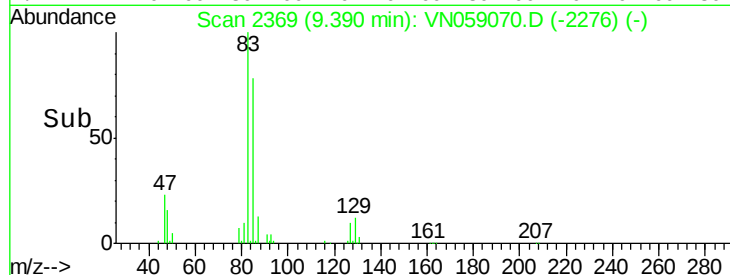


Abundance Ion 82.90 (82.60 to 83.60): VN059070.D (-2276) (-)

Ion 84.90 (84.60 to 85.60): VN059070.D (-2276) (-)

Ion 126.80 (126.50 to 127.50): VN059070.D (-2276) (-)

Time-->



#48

Methyl methacrylate

Concen: 18.750 ug/l

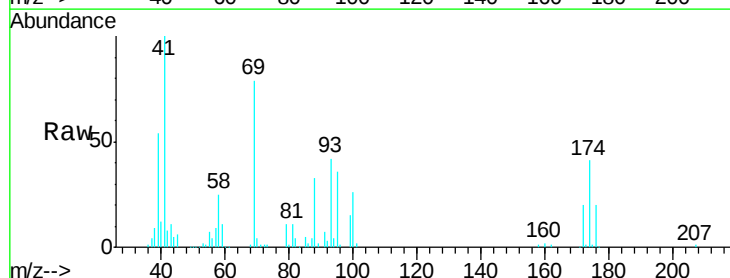
RT: 9.18 min Scan# 2305

Delta R.T. 0.00 min

Lab File: VN059070.D

Acq: 1 Nov 2019 18:10

Tgt Ion:	41	Resp:	108055
Ion	Ratio	Lower	Upper
41	100		
69	83.8	67.1	100.7
39	55.4	43.3	64.9

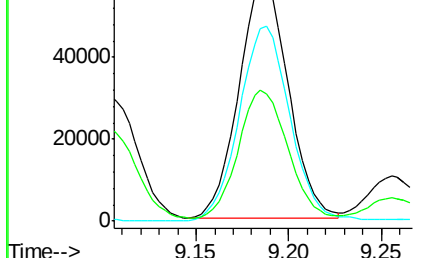
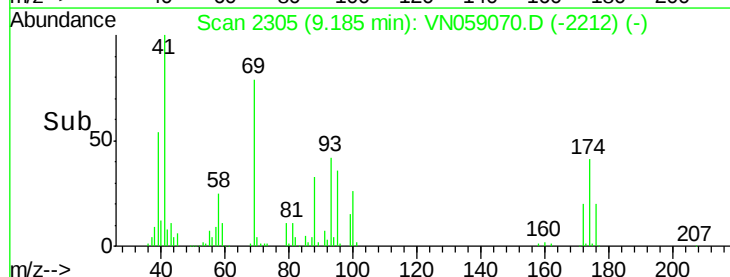


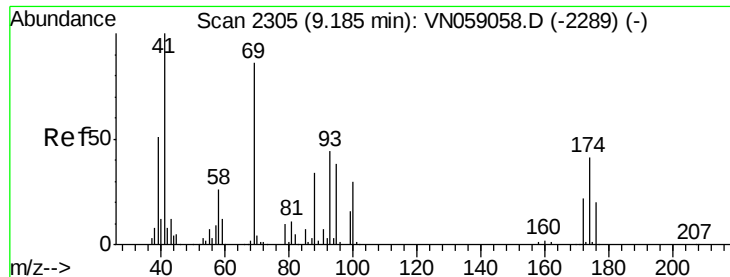
Abundance Ion 41.00 (40.70 to 41.70): VN059070.D (-2212) (-)

Ion 69.00 (68.70 to 69.70): VN059070.D (-2212) (-)

Ion 39.00 (38.70 to 39.70): VN059070.D (-2212) (-)

Time-->





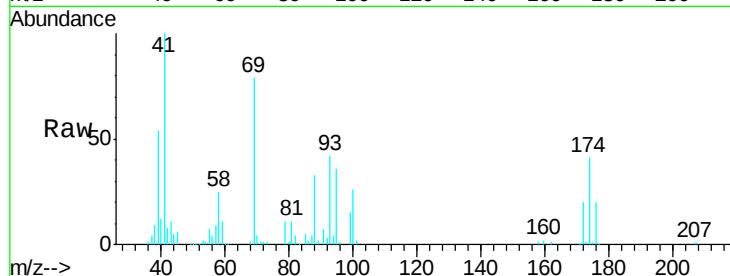
#49
1,4-Dioxane
Concen: 423.824 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. 0.00 min
Lab File: VN059070.D
Acq: 1 Nov 2019 18:10

Instrument :
MSVOA_N
ClientSampleId :
VN1101WBSD02

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	39842		
43	33.8	26.2	39.2	
58	74.0	59.1	88.7	

Manual Integrations
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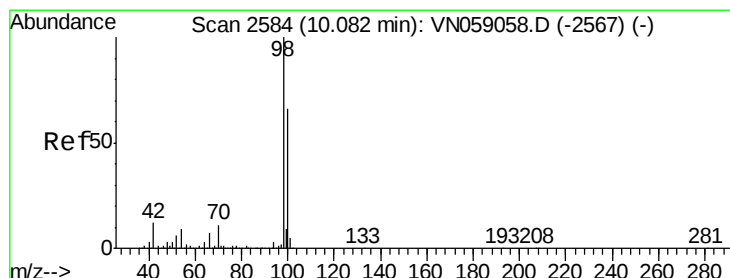
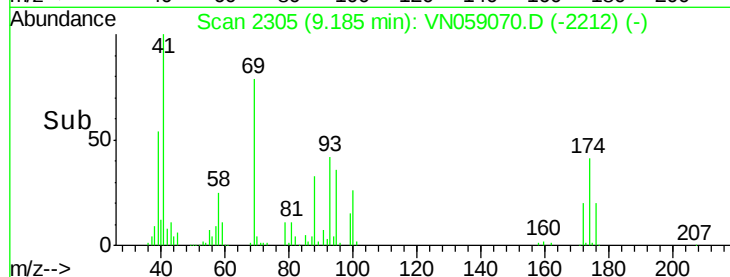
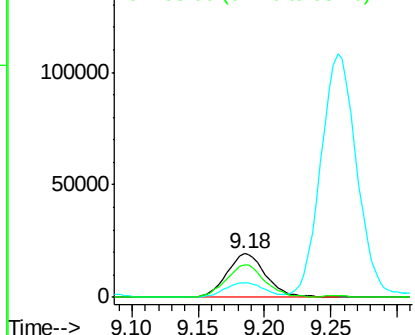


Abundance

Ion 88.00 (87.70 to 88.70): VN059070.D (-2212) (-)

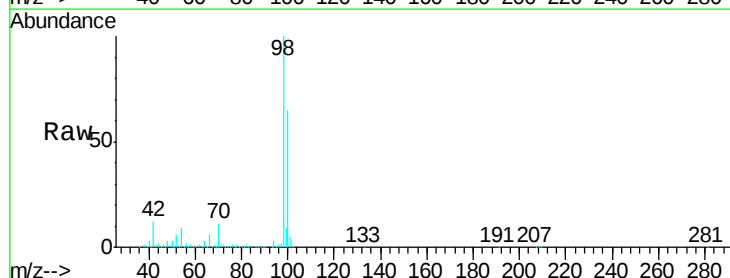
Ion 43.00 (42.70 to 43.70): VN059070.D (-2212) (-)

Ion 58.00 (57.70 to 58.70): VN059070.D (-2212) (-)



#50
Toluene-d8
Concen: 51.703 ug/l
RT: 10.08 min Scan# 2584
Delta R.T. 0.00 min
Lab File: VN059070.D
Acq: 1 Nov 2019 18:10

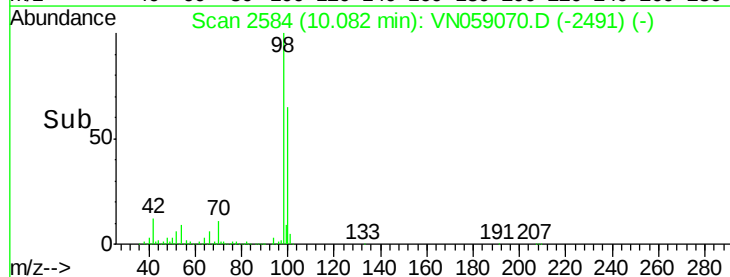
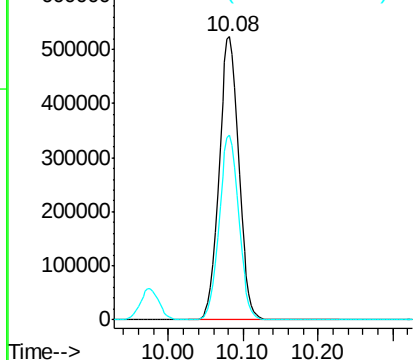
Tgt Ion	Ratio	Resp	Lower	Upper
98	100	950414		
100	64.9	51.7	77.5	

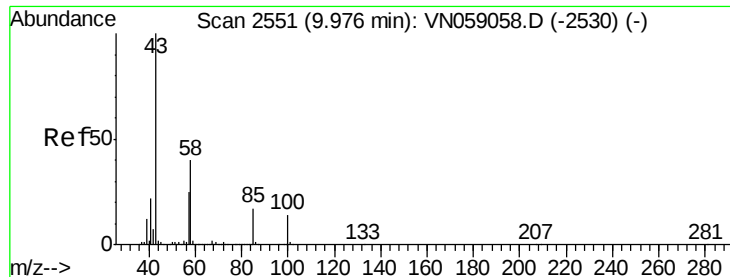


Abundance

Ion 98.00 (97.70 to 98.70): VN059070.D (-2491) (-)

Ion 100.00 (99.70 to 100.70): VN059070.D (-2491) (-)





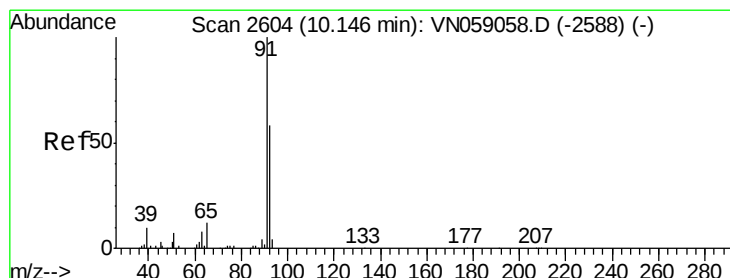
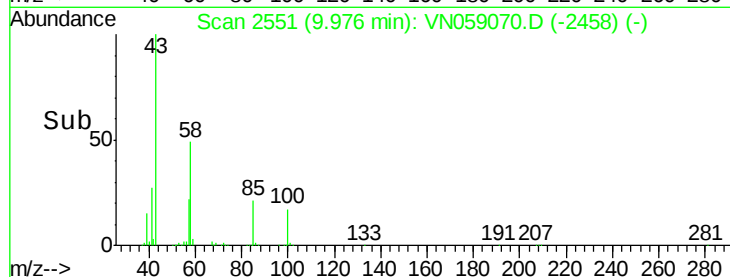
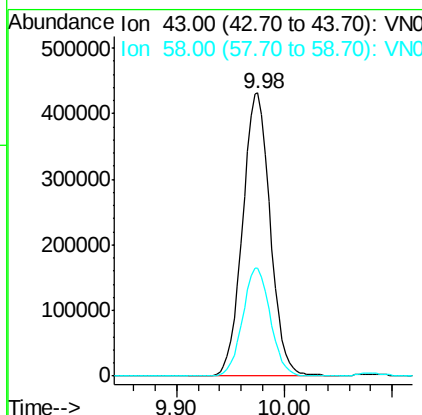
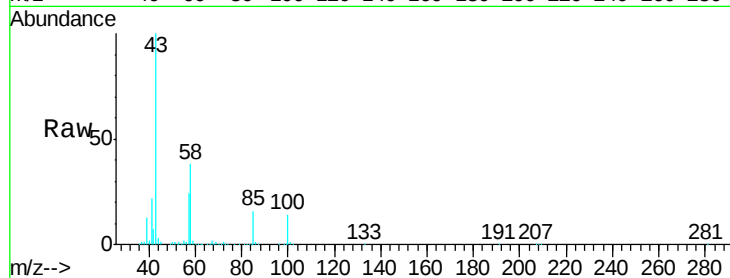
#51
4-Methyl-2-Pentanone
Concen: 104.773 ug/l
RT: 9.98 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VN059070.D
Acq: 1 Nov 2019 18:10

Instrument :
MSVOA_N
ClientSampleId :
VN1101WBSD02

Tgt Ion	Ratio	Lower	Upper
43	100		
58	38.4	31.8	47.6

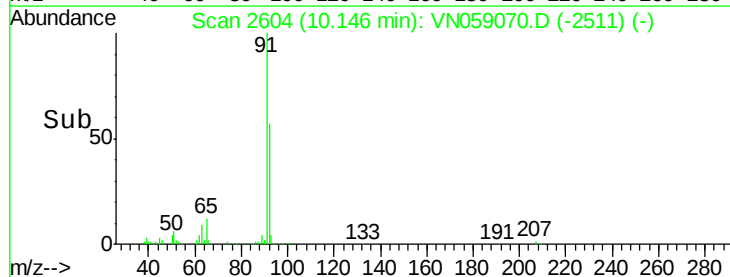
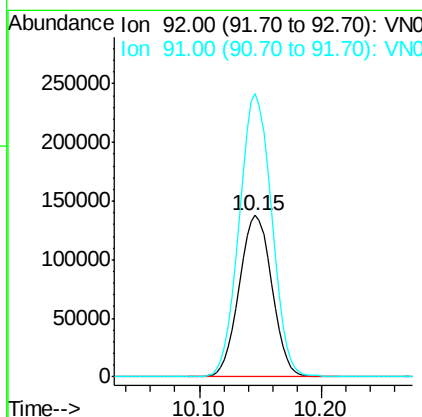
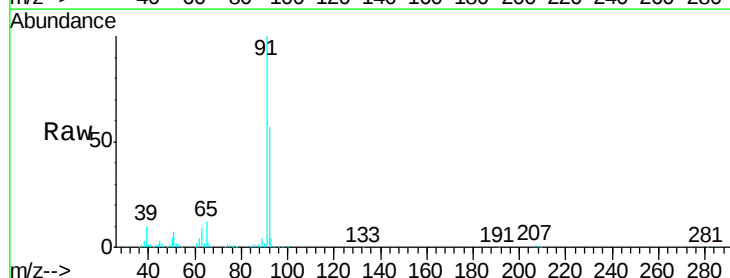
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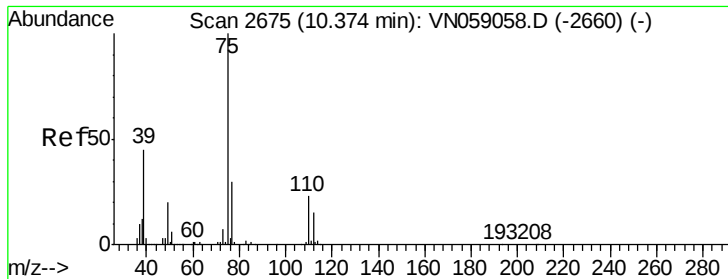
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#52
Toluene
Concen: 20.216 ug/l
RT: 10.15 min Scan# 2604
Delta R.T. 0.00 min
Lab File: VN059070.D
Acq: 1 Nov 2019 18:10

Tgt Ion	Ratio	Lower	Upper
92	100		
91	173.5	138.7	208.1





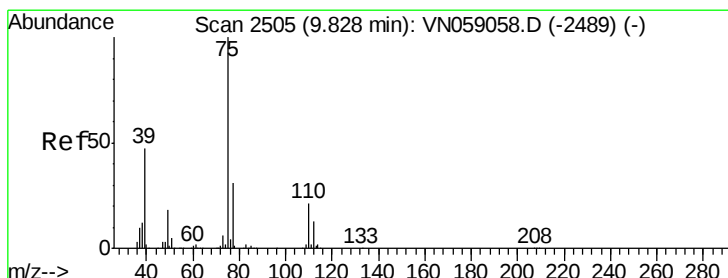
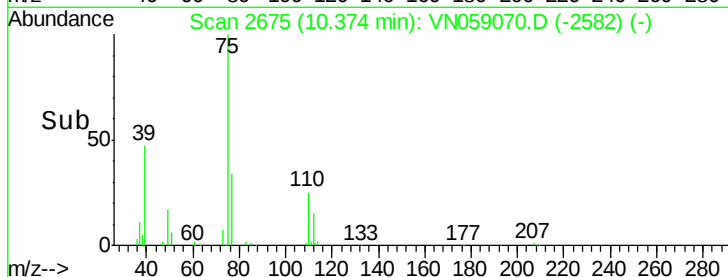
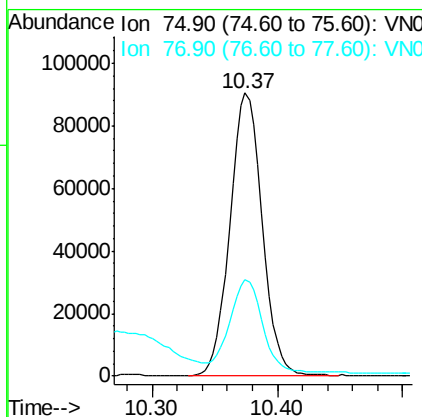
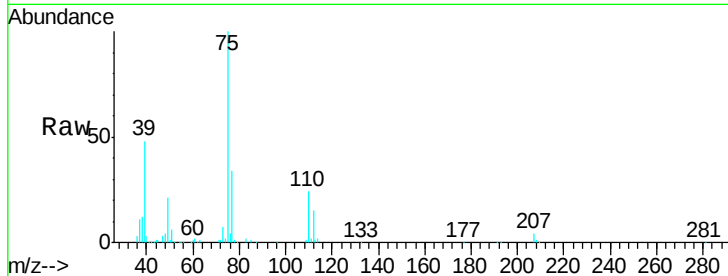
#53
t-1,3-Dichloropropene
Concen: 19.013 ug/l
RT: 10.37 min Scan# 2675
Delta R.T. 0.00 min
Lab File: VN059070.D
Acq: 1 Nov 2019 18:10

Instrument :
MSVOA_N
ClientSampleId :
VN1101WBSD02

Tgt Ion: 75 Resp: 160657
Ion Ratio Lower Upper
75 100
77 32.5 25.6 38.4

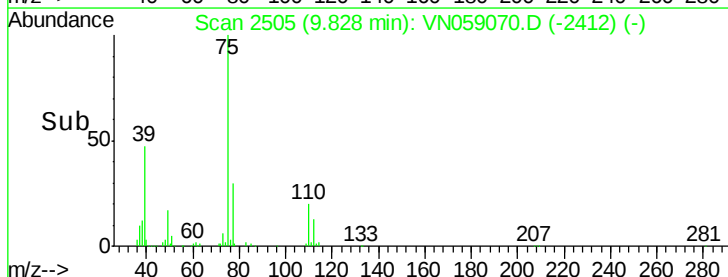
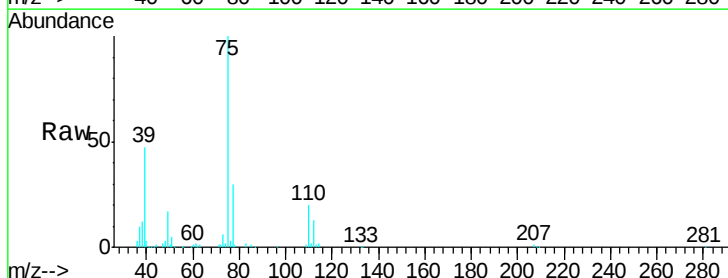
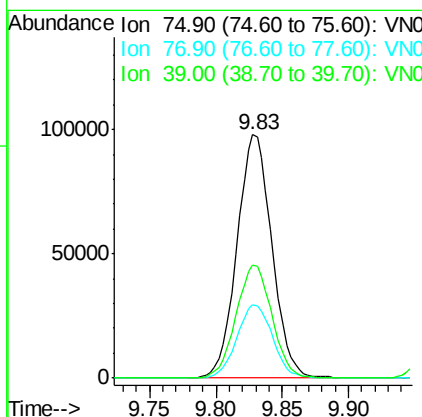
Manual Integrations
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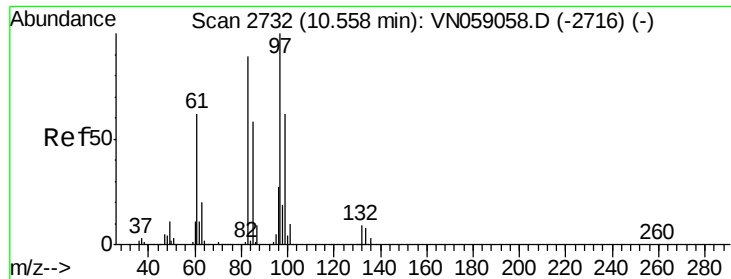
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#54
cis-1,3-Dichloropropene
Concen: 20.085 ug/l
RT: 9.83 min Scan# 2505
Delta R.T. 0.00 min
Lab File: VN059070.D
Acq: 1 Nov 2019 18:10

Tgt Ion: 75 Resp: 179011
Ion Ratio Lower Upper
75 100
77 30.2 24.6 37.0
39 46.6 37.4 56.2





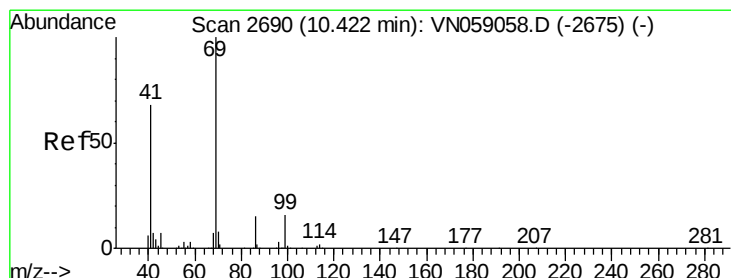
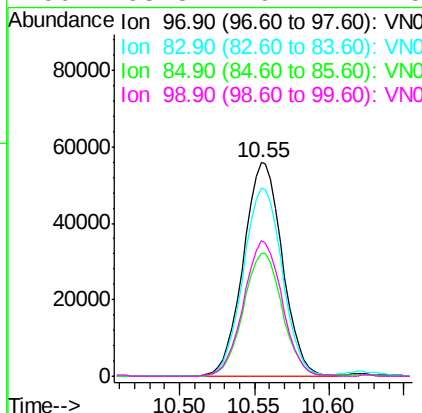
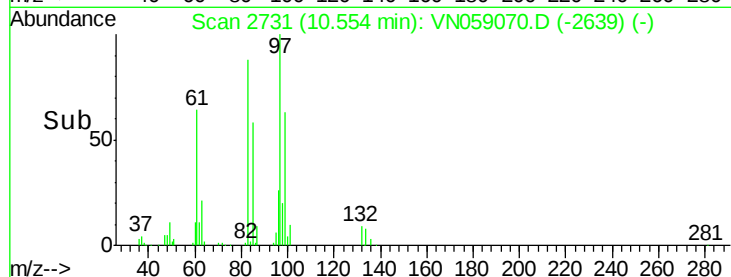
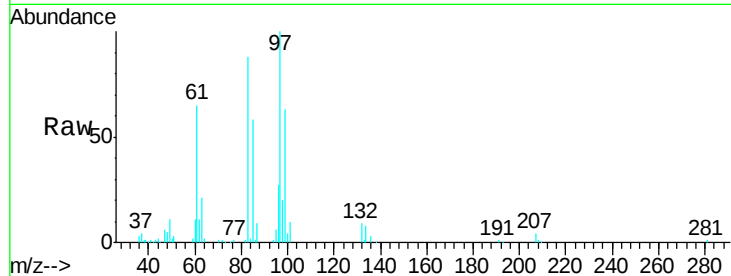
#55
 1,1,2-Trichloroethane
 Concen: 19.725 ug/l
 RT: 10.55 min Scan# 2731
 Delta R.T. -0.00 min
 Lab File: VN059070.D
 Acq: 1 Nov 2019 18:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1101WBSD02

Tgt Ion	Ratio	Lower	Upper
97	100		
83	88.0	71.4	107.2
85	57.6	46.6	70.0
99	63.3	49.7	74.5

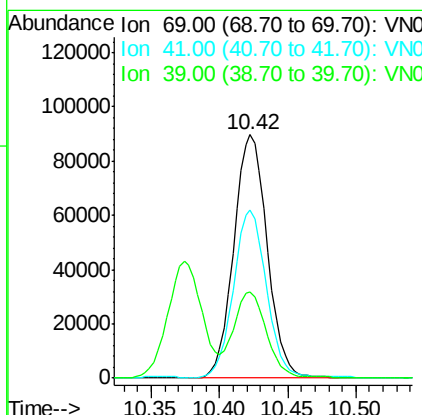
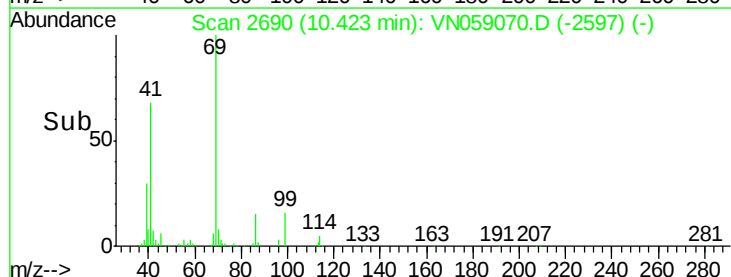
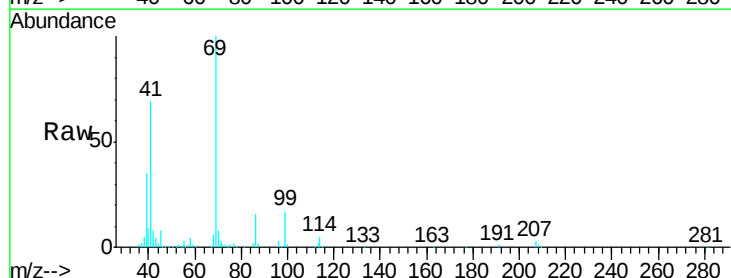
Manual Integrations
 APPROVED

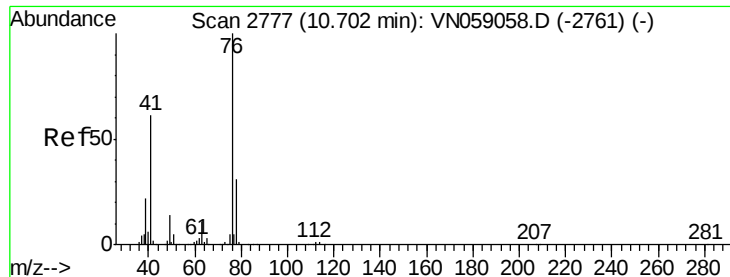
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 11/5/2019 1:59:37 PM



#56
 Ethyl methacrylate
 Concen: 18.674 ug/l
 RT: 10.42 min Scan# 2690
 Delta R.T. 0.00 min
 Lab File: VN059070.D
 Acq: 1 Nov 2019 18:10

Tgt Ion	Ratio	Lower	Upper
69	100		
41	67.8	53.8	80.8
39	35.0	26.2	39.2





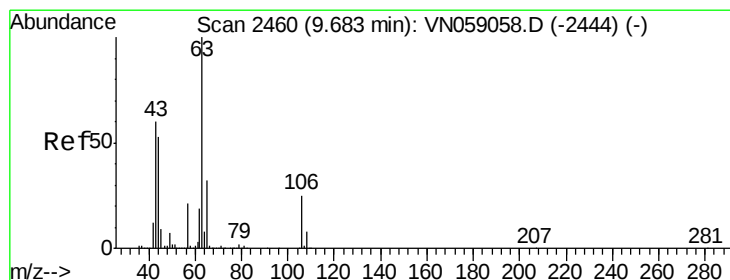
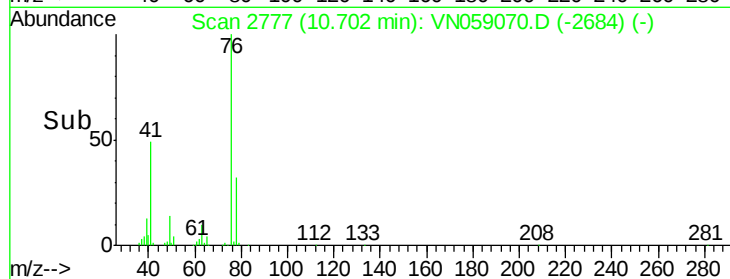
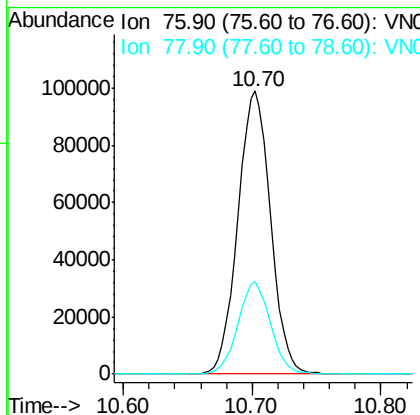
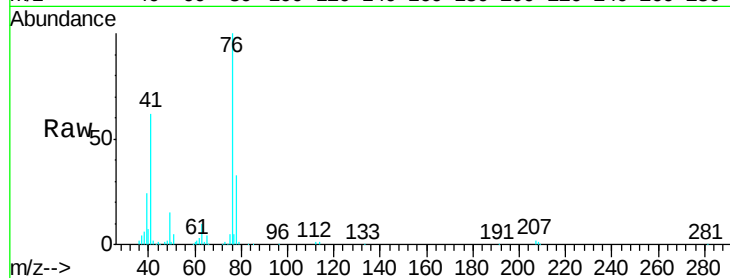
#57
 1,3-Dichloropropane
 Concen: 19.489 ug/l
 RT: 10.70 min Scan# 2777
 Delta R.T. 0.00 min
 Lab File: VN059070.D
 Acq: 1 Nov 2019 18:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1101WBSD02

Tgt Ion: 76 Resp: 174642
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.8 38.6

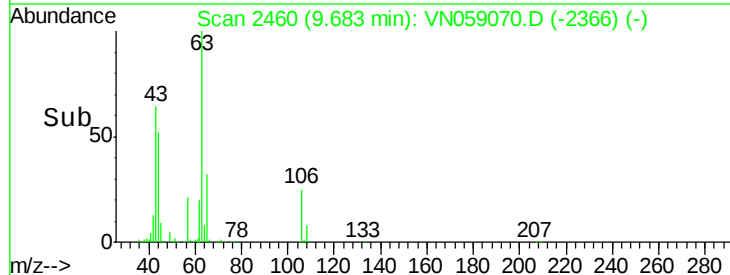
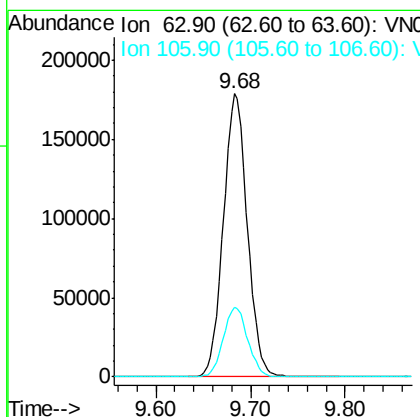
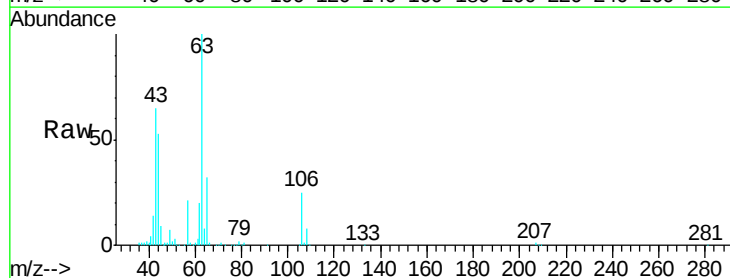
Manual Integrations
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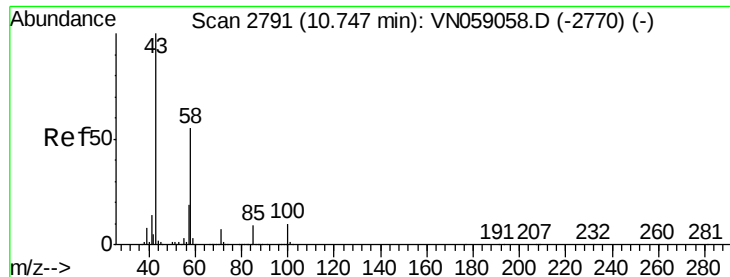
MMDadoda
 11/5/2019 1:59:37 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 100.032 ug/l
 RT: 9.68 min Scan# 2460
 Delta R.T. 0.00 min
 Lab File: VN059070.D
 Acq: 1 Nov 2019 18:10

Tgt Ion: 63 Resp: 314861
 Ion Ratio Lower Upper
 63 100
 106 25.1 19.8 29.6





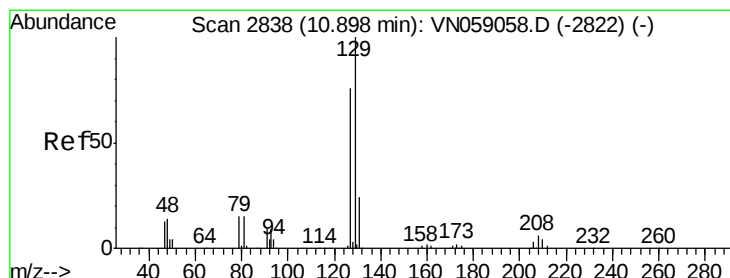
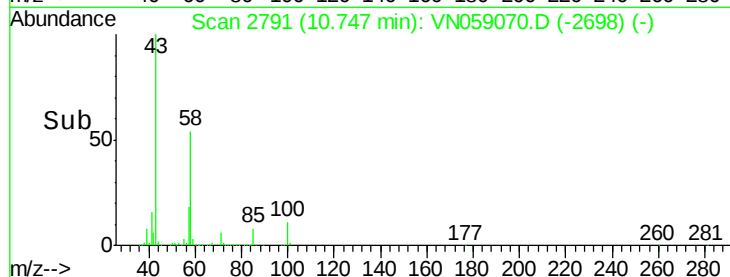
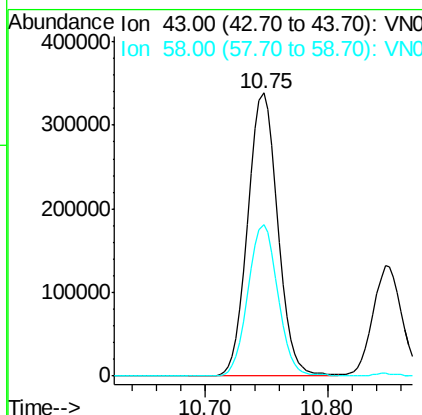
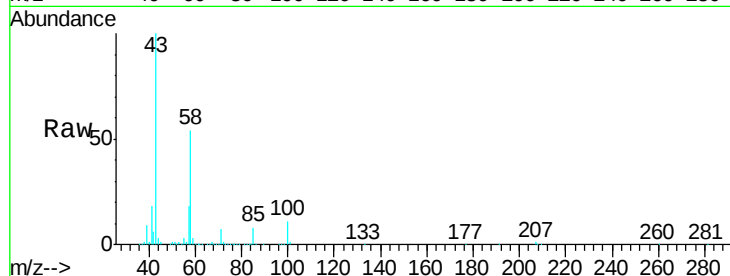
#59
2-Hexanone
Concen: 102.320 ug/l
RT: 10.75 min Scan# 2791
Delta R.T. 0.00 min
Lab File: VN059070.D
Acq: 1 Nov 2019 18:10

Instrument :
MSVOA_N
ClientSampleId :
VN1101WBSD02

Tgt Ion: 43 Resp: 570731
Ion Ratio Lower Upper
43 100
58 53.5 27.4 82.2

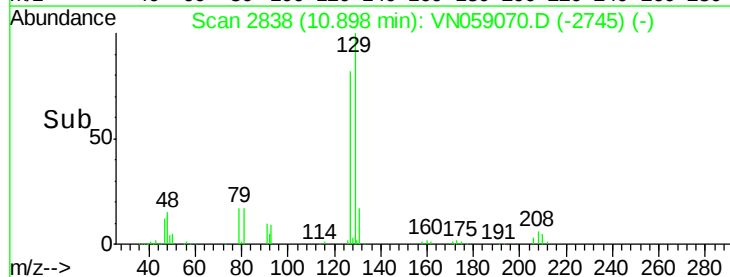
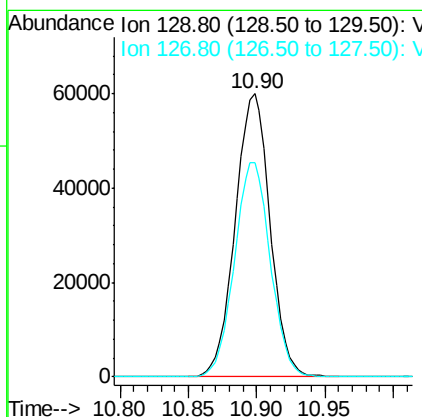
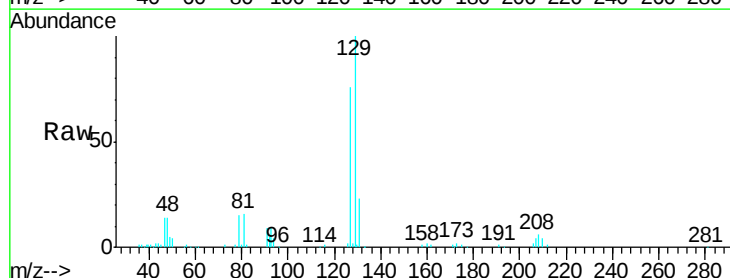
Manual Integrations
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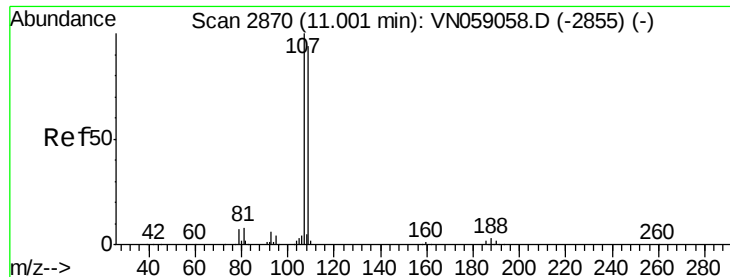
MMDadoda
11/5/2019 1:59:37 PM



#60
Dibromochloromethane
Concen: 19.194 ug/l
RT: 10.90 min Scan# 2838
Delta R.T. 0.00 min
Lab File: VN059070.D
Acq: 1 Nov 2019 18:10

Tgt Ion: 129 Resp: 106582
Ion Ratio Lower Upper
129 100
127 77.5 38.3 114.8





#61

1,2-Dibromoethane

Concen: 19.934 ug/l

RT: 11.00 min Scan# 2870

Delta R.T. 0.00 min

Lab File: VN059070.D

Acq: 1 Nov 2019 18:10

Instrument :

MSVOA_N

ClientSampleId :

VN1101WBSD02

Tgt Ion: 107 Resp: 104054

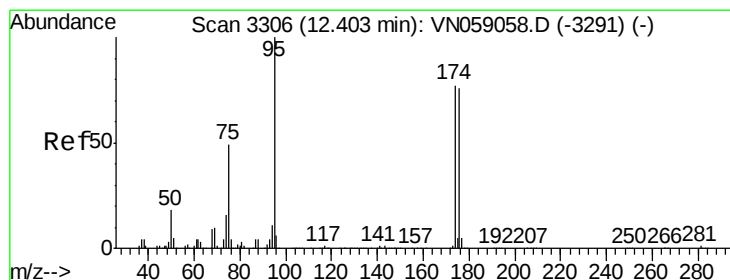
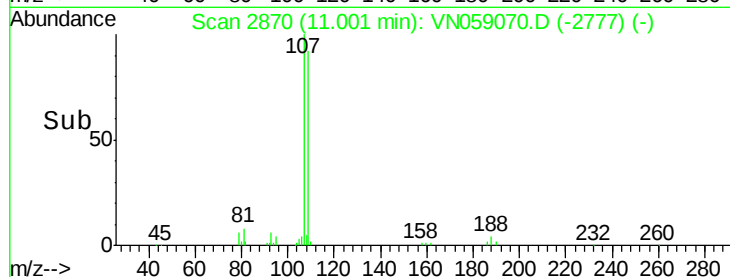
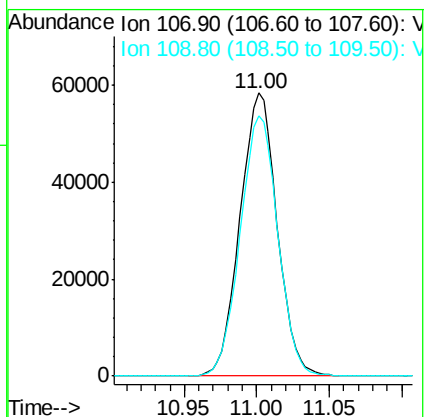
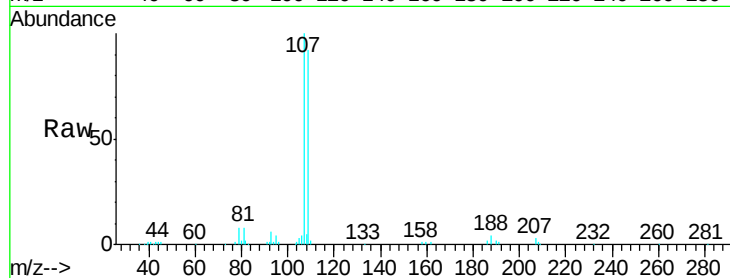
Ion Ratio Lower Upper

107 100

109 93.4 75.5 113.3

Manual Integrations
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#62

4-Bromofluorobenzene

Concen: 49.050 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN059070.D

Acq: 1 Nov 2019 18:10

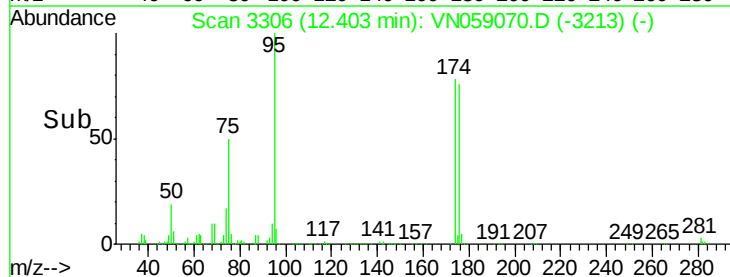
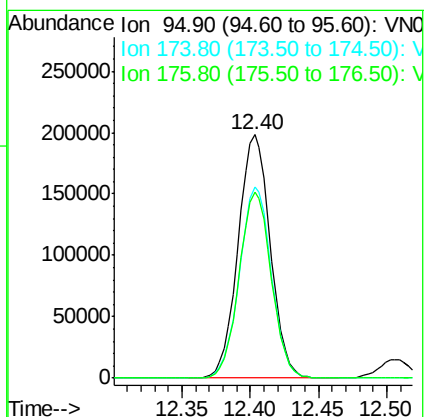
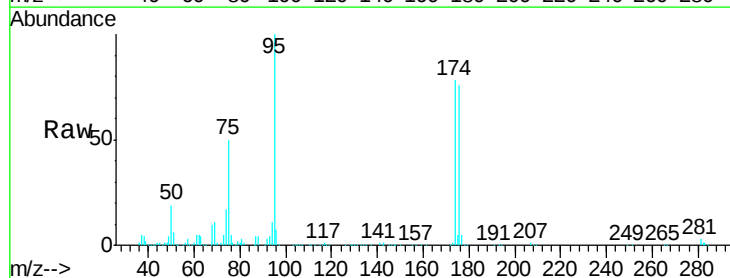
Tgt Ion: 95 Resp: 324118

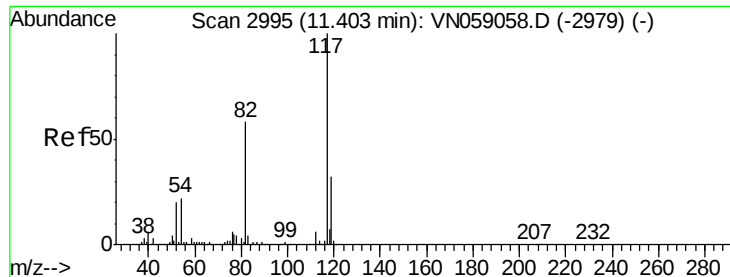
Ion Ratio Lower Upper

95 100

174 78.3 0.0 155.8

176 76.5 0.0 151.6





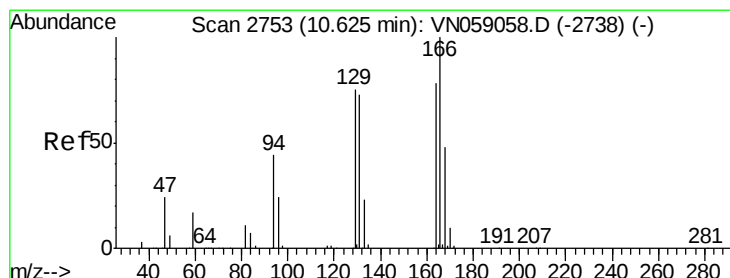
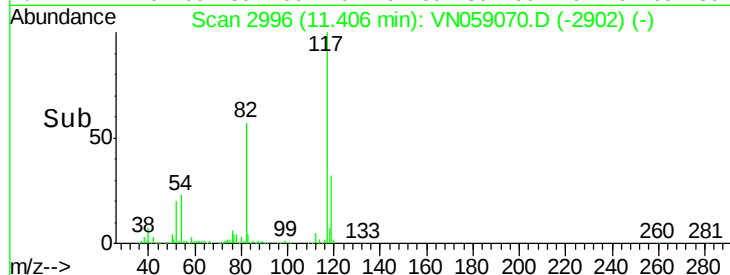
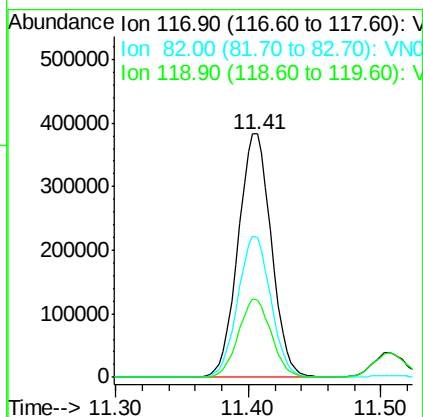
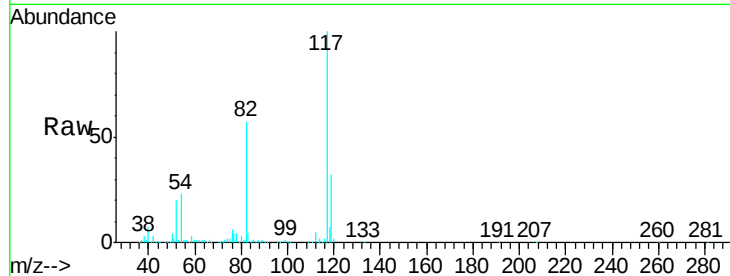
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN059070.D
Acq: 1 Nov 2019 18:10

Instrument :
MSVOA_N
ClientSampleId :
VN1101WBSD02

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	665421		
82	57.4	46.0	69.0	
119	31.8	25.6	38.4	

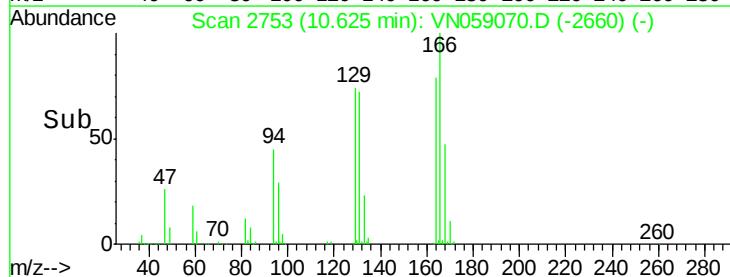
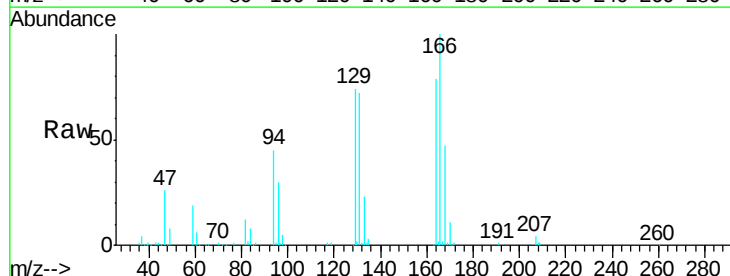
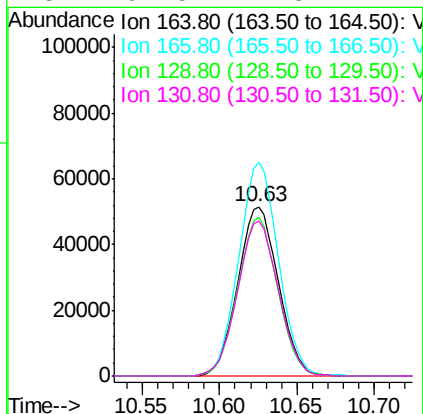
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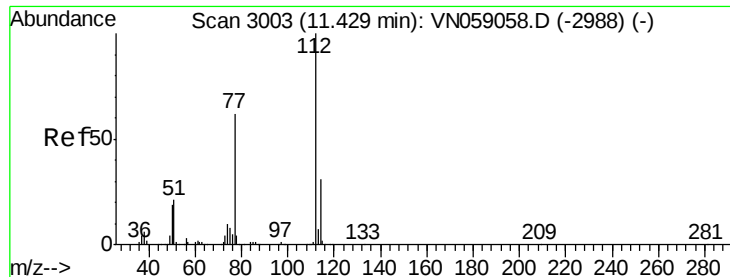
MMDadoda
11/5/2019 1:59:37 PM



#64
Tetrachloroethene
Concen: 20.138 ug/l
RT: 10.63 min Scan# 2753
Delta R.T. 0.00 min
Lab File: VN059070.D
Acq: 1 Nov 2019 18:10

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	93607		
166	126.3	102.7	154.1	
129	93.6	77.3	115.9	
131	91.5	74.8	112.2	





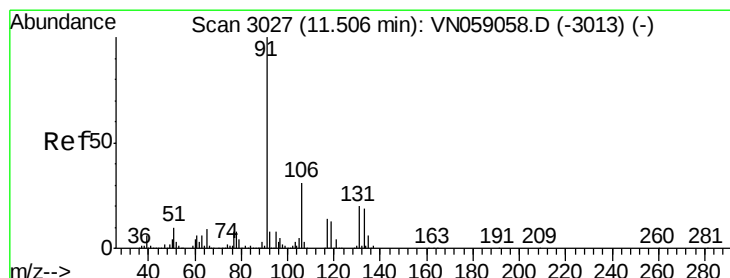
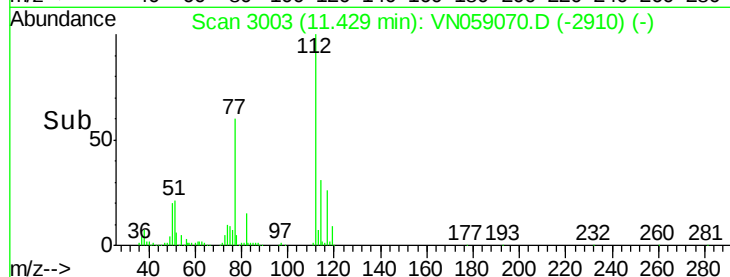
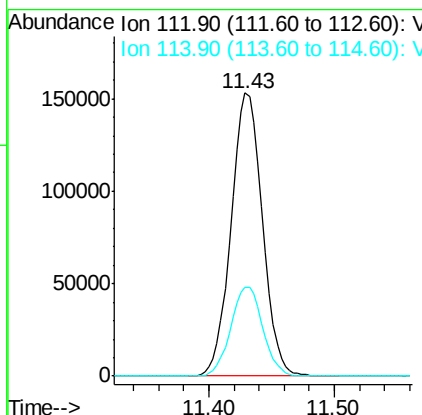
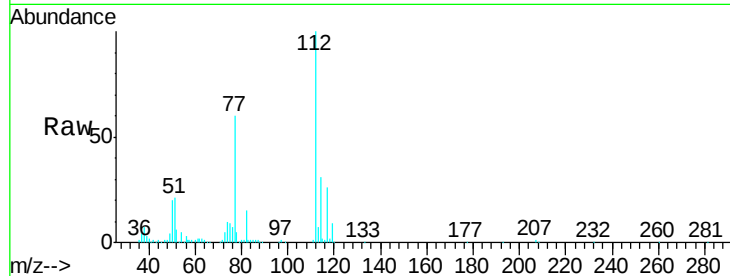
#65
Chlorobenzene
Concen: 19.418 ug/l
RT: 11.43 min Scan# 3003
Delta R.T. 0.00 min
Lab File: VN059070.D
Acq: 1 Nov 2019 18:10

Instrument :
MSVOA_N
ClientSampleId :
VN1101WBSD02

Tgt Ion:112 Resp: 265197
Ion Ratio Lower Upper
112 100
114 31.4 25.0 37.6

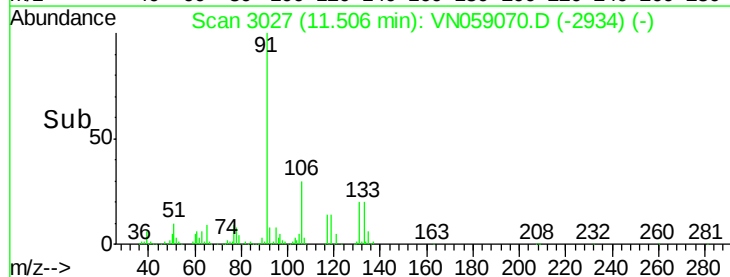
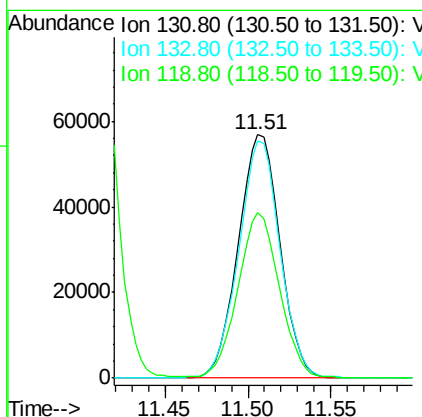
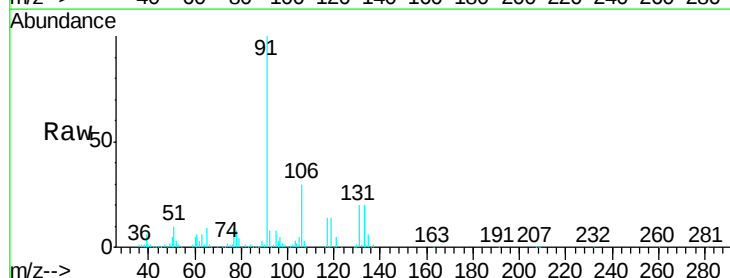
Manual Integrations
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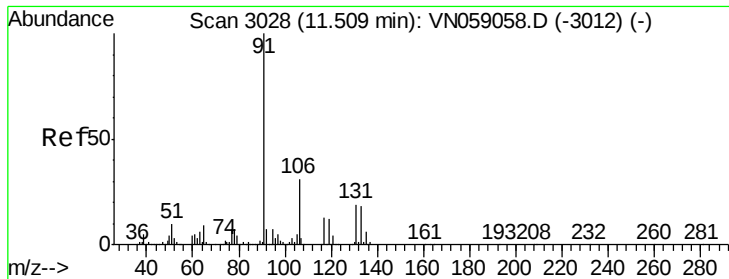
MMDadoda
11/5/2019 1:59:37 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 19.777 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN059070.D
Acq: 1 Nov 2019 18:10

Tgt Ion:131 Resp: 99373
Ion Ratio Lower Upper
131 100
133 97.3 47.9 143.6
119 67.7 33.5 100.5





#67

Ethyl Benzene

Concen: 20.135 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN059070.D

Acq: 1 Nov 2019 18:10

Instrument :

MSVOA_N

ClientSampleId :

VN1101WBSD02

Tgt Ion: 91 Resp: 476038

Ion Ratio Lower Upper

91 100

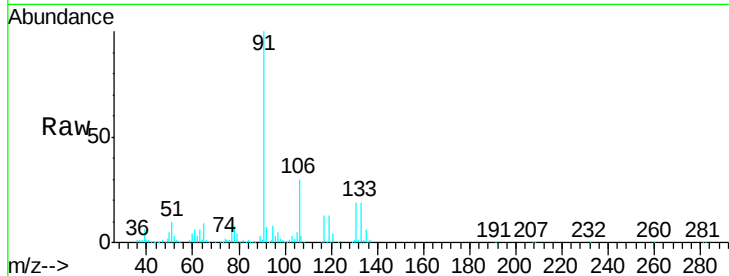
106 30.2 24.6 36.8

Manual Integrations

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11/5/2019 1:59:37 PM



Abundance Ion 91.00 (90.70 to 91.70): VN059070.D (-2935) (-)

Ion 106.00 (105.70 to 106.70): VN059070.D (-2935) (-)

400000

300000

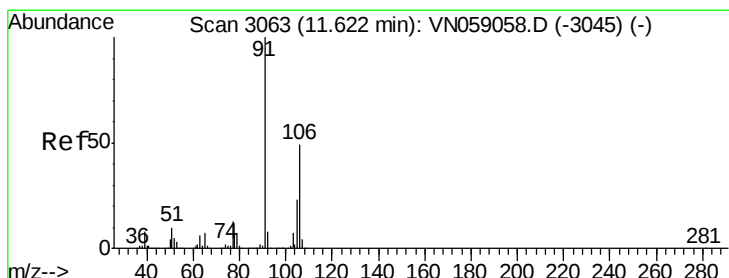
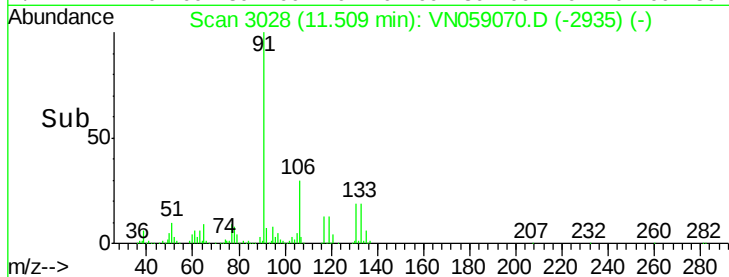
200000

100000

0

11.45 11.50 11.55 11.60

Time-->



#68

m/p-Xylenes

Concen: 40.288 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN059070.D

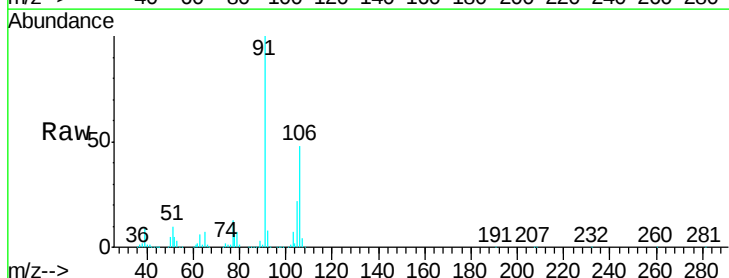
Acq: 1 Nov 2019 18:10

Tgt Ion: 106 Resp: 355667

Ion Ratio Lower Upper

106 100

91 207.0 165.7 248.5



Abundance Ion 106.00 (105.70 to 106.70): VN059070.D (-2970) (-)

Ion 91.00 (90.70 to 91.70): VN059070.D (-2970) (-)

400000

300000

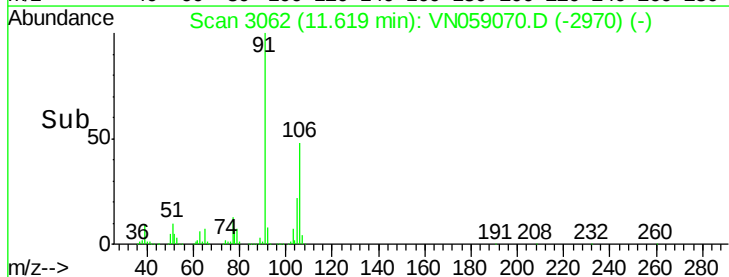
200000

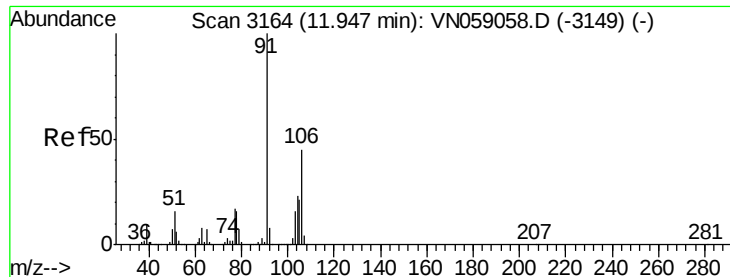
100000

0

11.50 11.60 11.70

Time-->





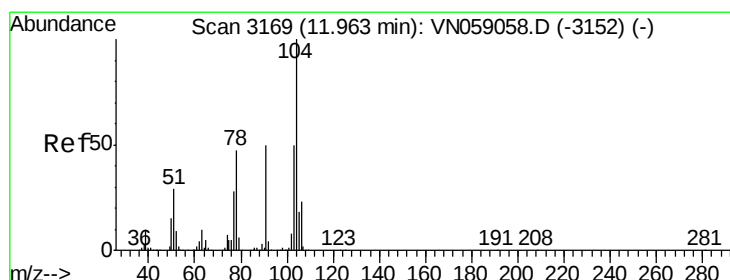
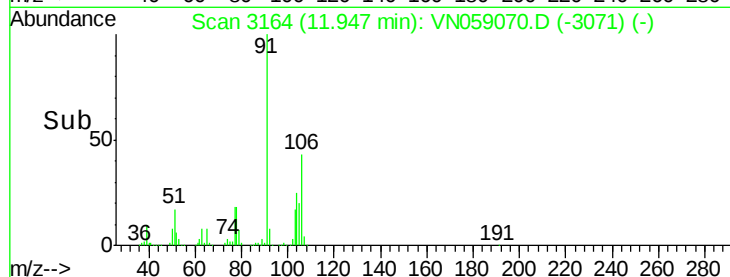
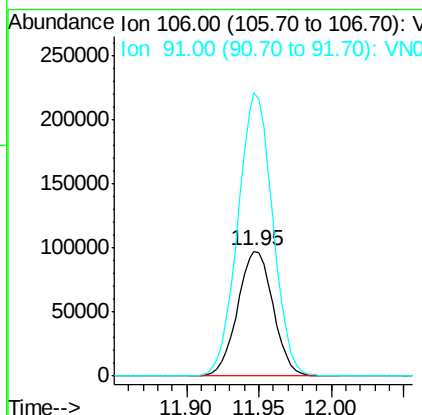
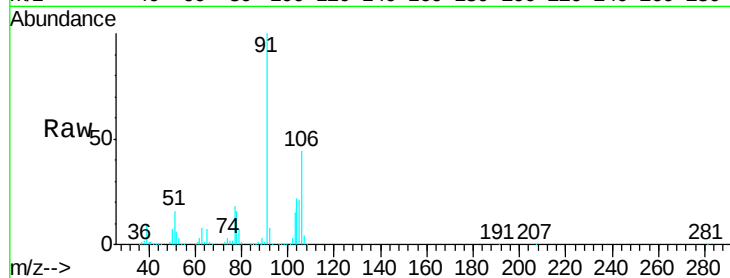
#69
o-Xylene
Concen: 19.680 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN059070.D
Acq: 1 Nov 2019 18:10

Instrument :
MSVOA_N
ClientSampleId :
VN1101WBSD02

Tgt Ion:106 Resp: 165906
Ion Ratio Lower Upper
106 100
91 222.5 110.4 331.2

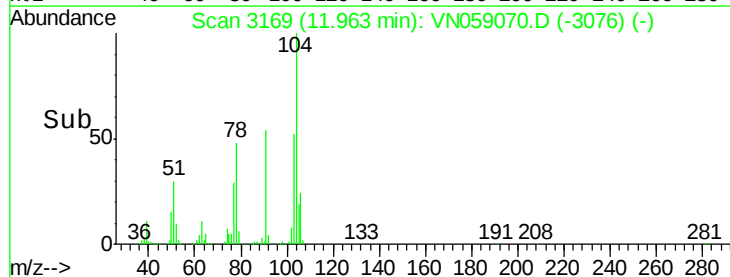
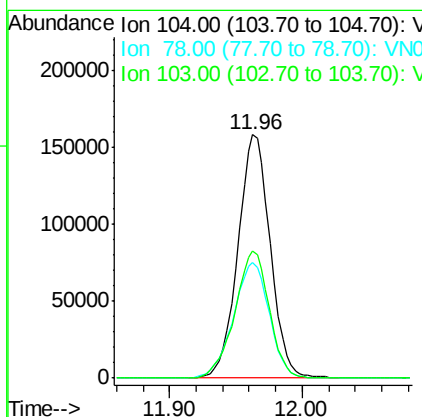
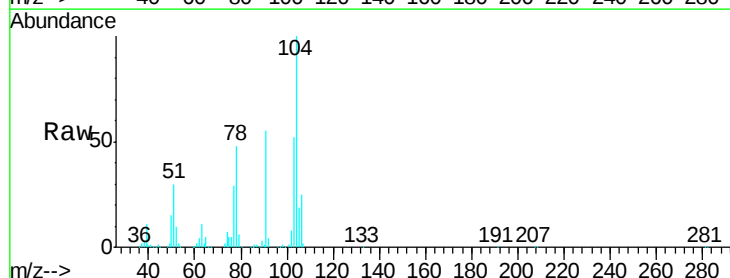
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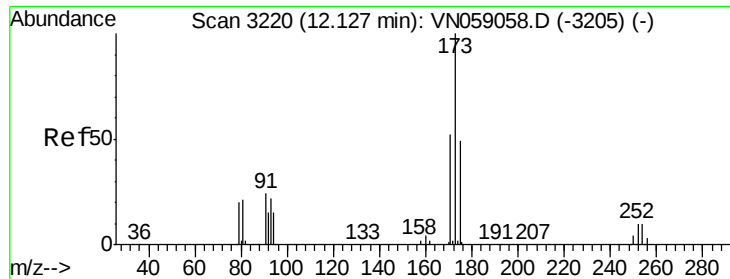
MMDadoda
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#70
Styrene
Concen: 19.610 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN059070.D
Acq: 1 Nov 2019 18:10

Tgt Ion:104 Resp: 267895
Ion Ratio Lower Upper
104 100
78 52.8 41.2 61.8
103 55.8 43.9 65.9





#71

Bromoform

Concen: 19.179 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN059070.D

Acq: 1 Nov 2019 18:10

Instrument :

MSVOA_N

ClientSampleId :

VN1101WBSD02

Tgt Ion:173 Resp: 74592

Ion Ratio Lower Upper

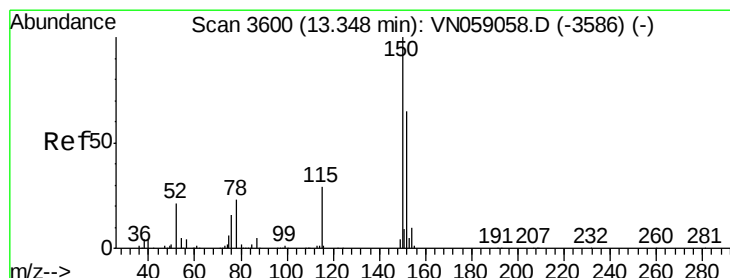
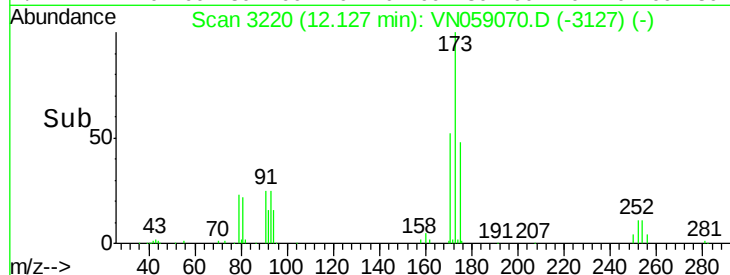
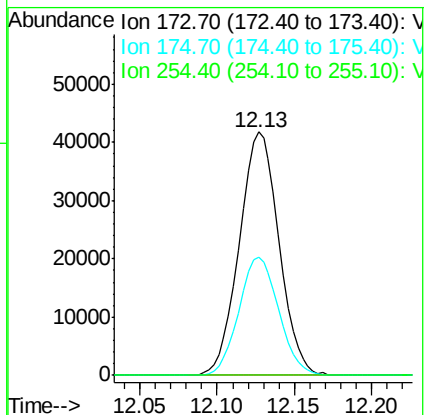
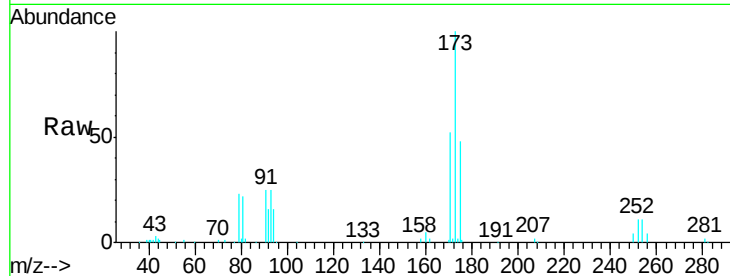
173 100

175 48.5 24.4 73.2

254 0.0 0.1 0.1#

Manual Integrations
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11/5/2019 1:59:37 PM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN059070.D

Acq: 1 Nov 2019 18:10

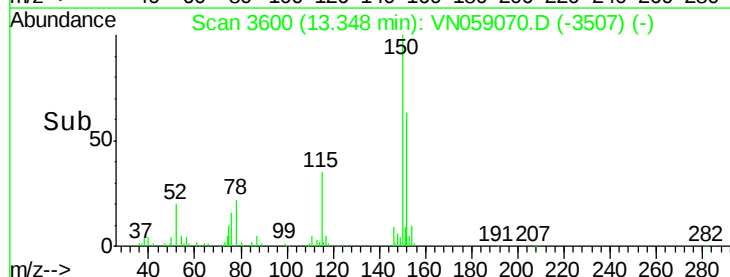
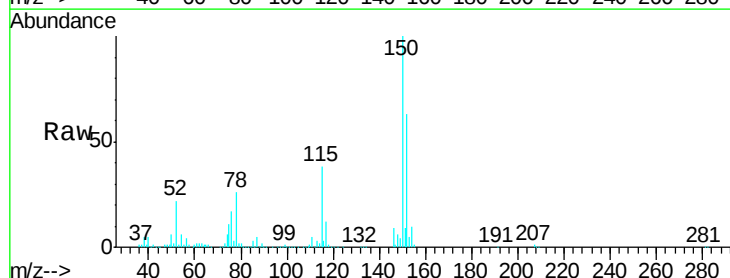
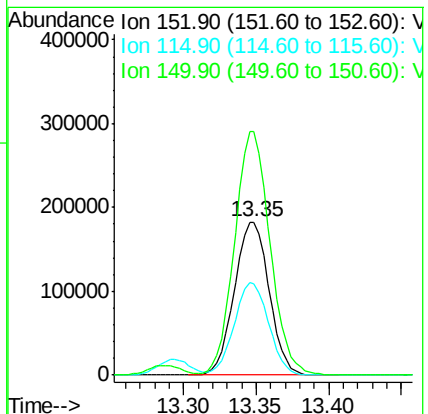
Tgt Ion:152 Resp: 303663

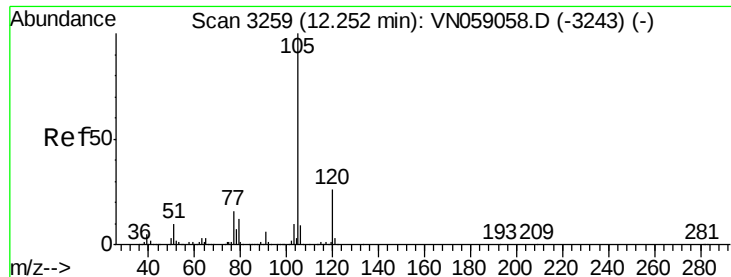
Ion Ratio Lower Upper

152 100

115 59.6 29.6 88.9

150 162.2 0.0 345.8





#73

Isopropylbenzene

Concen: 20.319 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN059070.D

Acq: 1 Nov 2019 18:10

Instrument :

MSVOA_N

ClientSampleId :

VN1101WBSD02

Tgt Ion: 105 Resp: 453914

Ion Ratio Lower Upper

105 100

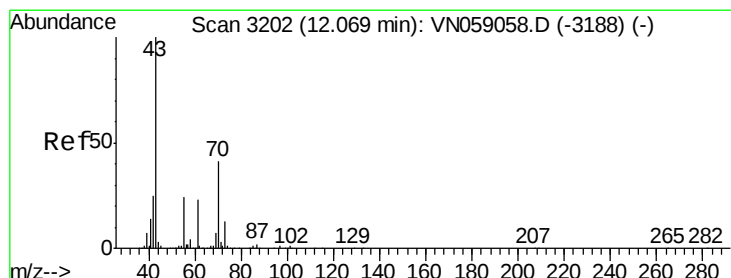
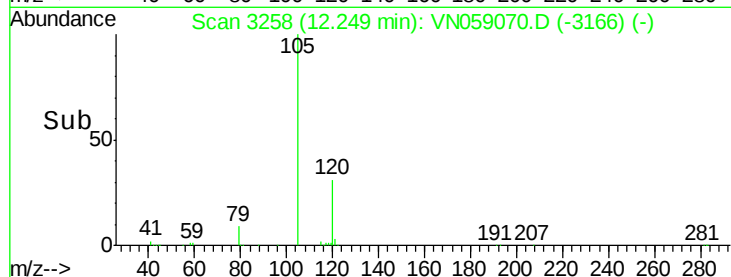
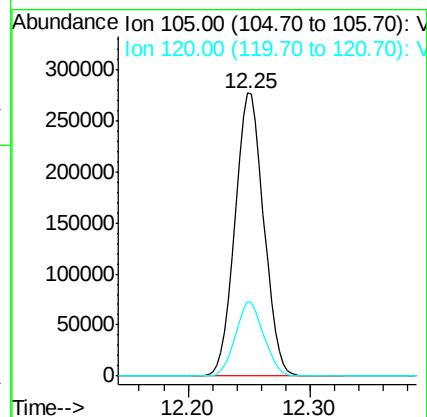
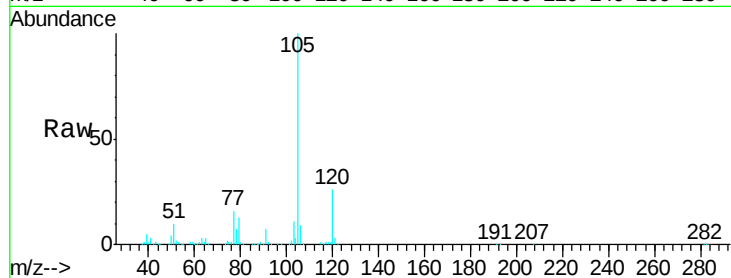
120 25.9 13.1 39.1

Manual Integrations

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#74

N-ethyl acetate

Concen: 19.609 ug/l

RT: 12.07 min Scan# 3203

Delta R.T. 0.00 min

Lab File: VN059070.D

Acq: 1 Nov 2019 18:10

Tgt Ion: 43 Resp: 194866

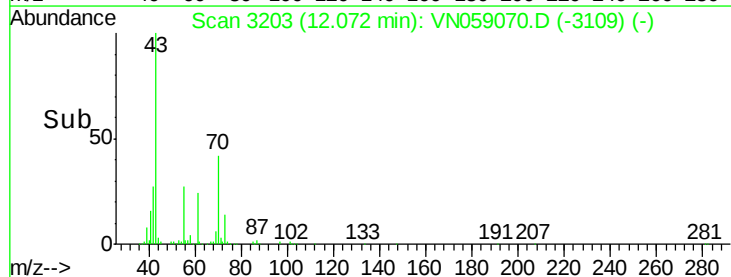
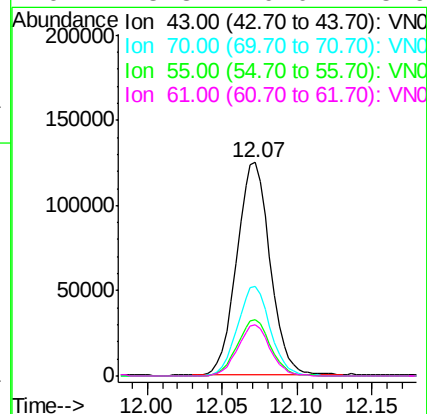
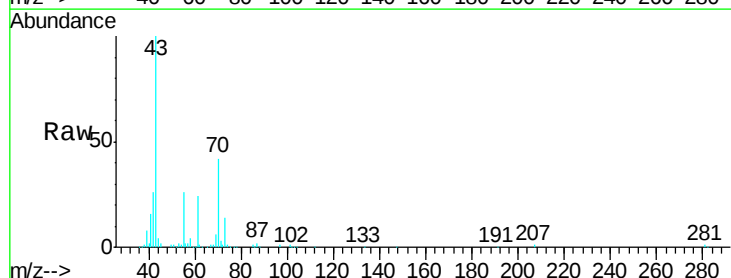
Ion Ratio Lower Upper

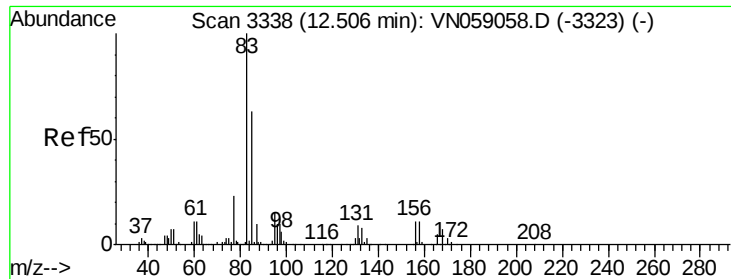
43 100

70 41.4 32.6 49.0

55 26.3 19.7 29.5

61 23.3 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 19.311 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN059070.D

Acq: 1 Nov 2019 18:10

Instrument :

MSVOA_N

ClientSampleId :

VN1101WBSD02

Tgt Ion: 83 Resp: 153672

Ion Ratio Lower Upper

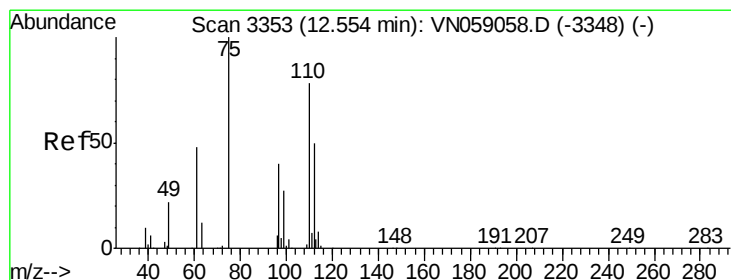
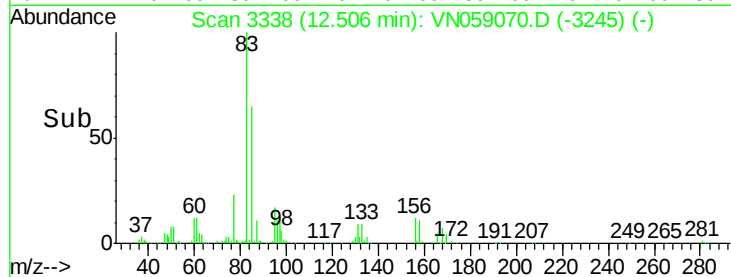
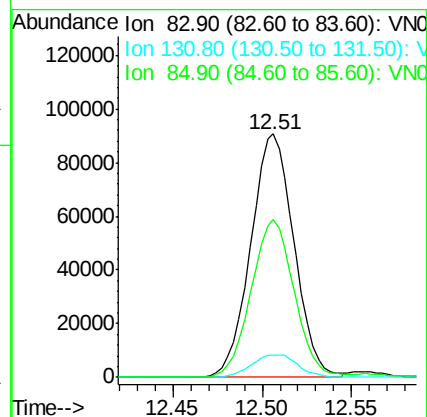
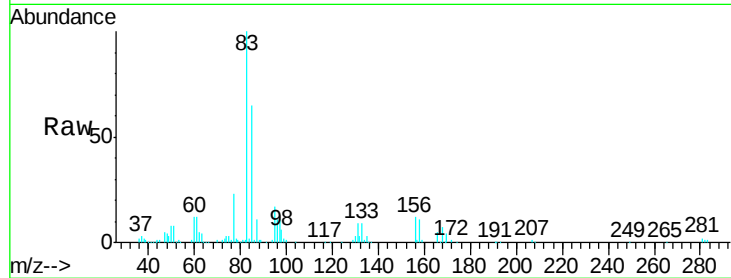
83 100

131 10.1 4.9 14.7

85 64.8 31.9 95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 19.780 ug/l m

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN059070.D

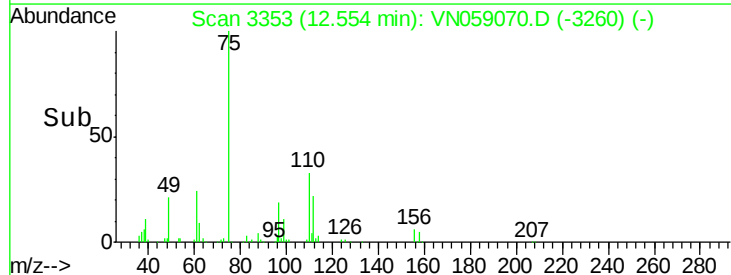
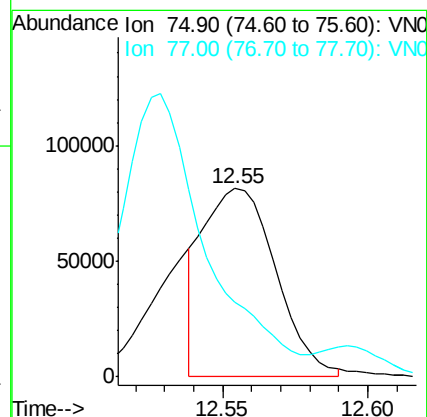
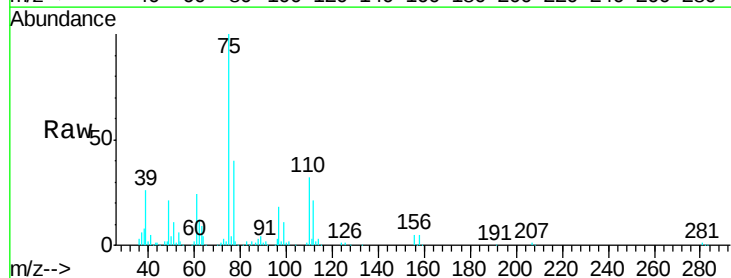
Acq: 1 Nov 2019 18:10

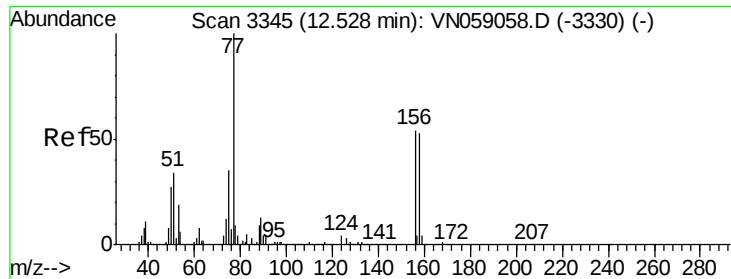
Tgt Ion: 75 Resp: 142137

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





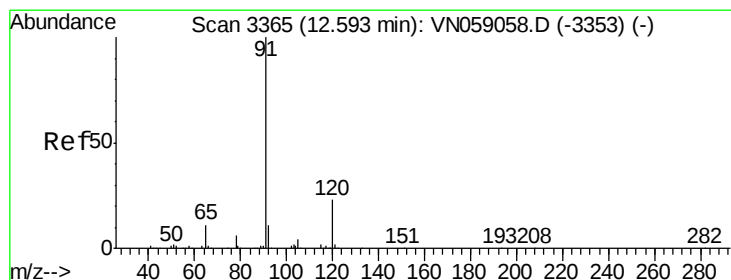
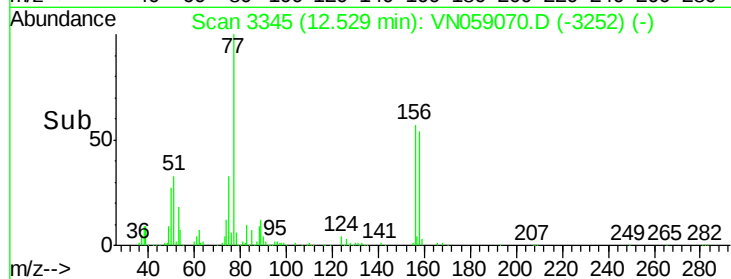
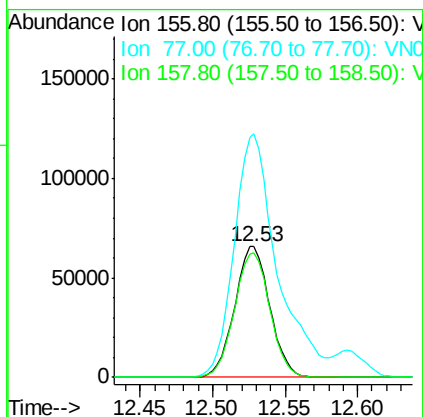
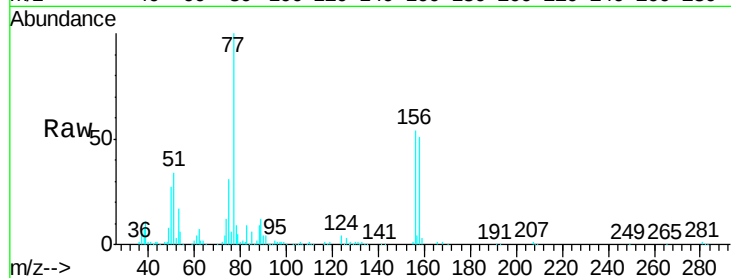
#77
Bromobenzene
Concen: 19.825 ug/l
RT: 12.53 min Scan# 3345
Delta R.T. 0.00 min
Lab File: VN059070.D
Acq: 1 Nov 2019 18:10

Instrument :
MSVOA_N
ClientSampleId :
VN1101WBSD02

Tgt Ion	Ratio	Lower	Upper
156	100		
77	227.2	114.2	342.6
158	95.3	49.6	149.0

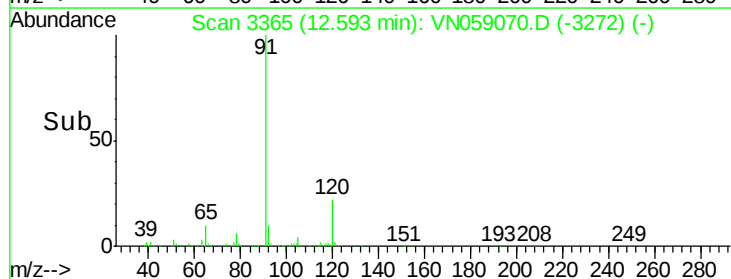
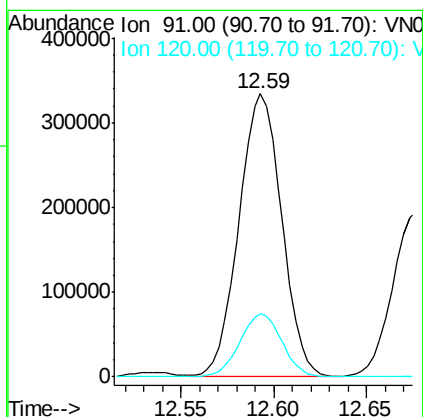
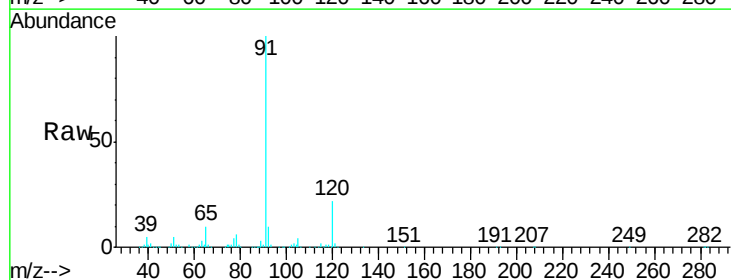
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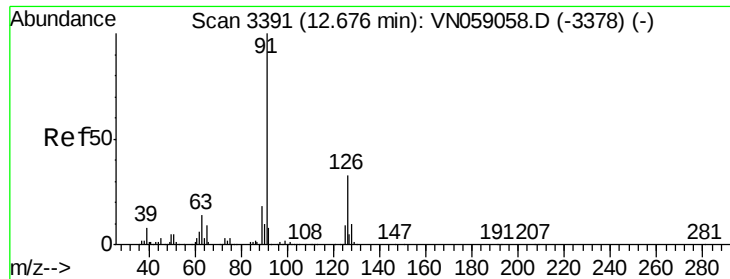
MMDadoda
11/5/2019 1:59:37 PM



#78
n-propylbenzene
Concen: 20.598 ug/l
RT: 12.59 min Scan# 3365
Delta R.T. 0.00 min
Lab File: VN059070.D
Acq: 1 Nov 2019 18:10

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.1	11.2	33.5





#79

2-Chlorotoluene

Concen: 19.786 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN059070.D

Acq: 1 Nov 2019 18:10

Instrument :

MSVOA_N

ClientSampleId :

VN1101WBSD02

Tgt Ion: 91 Resp: 317872

Ion Ratio Lower Upper

91 100

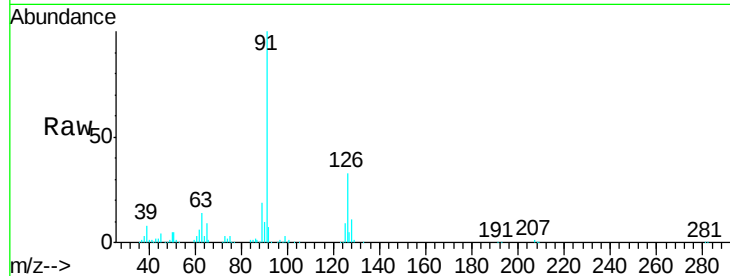
126 32.8 16.3 48.8

Manual Integrations

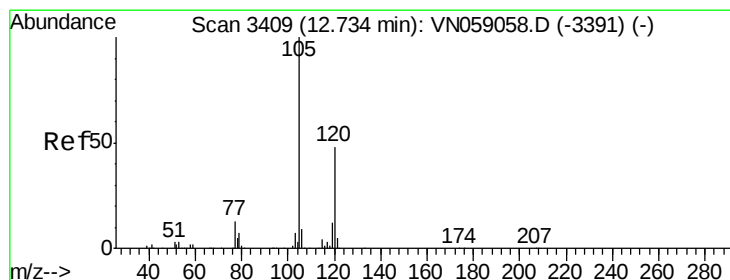
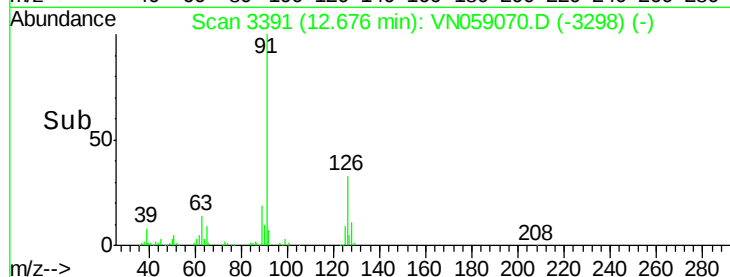
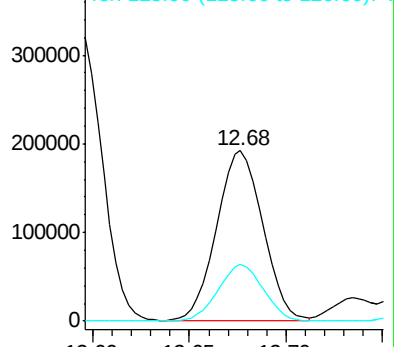
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Abundance Ion 91.00 (90.70 to 91.70): VN059058.D (-3378) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.172 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN059070.D

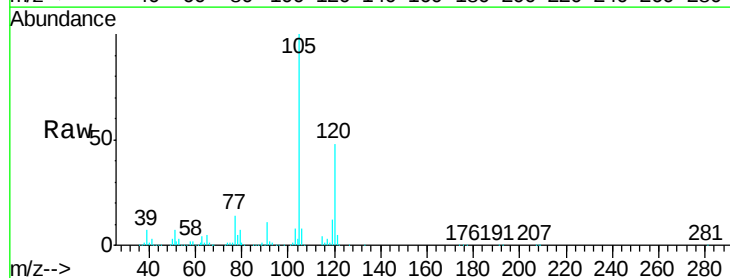
Acq: 1 Nov 2019 18:10

Tgt Ion: 105 Resp: 382990

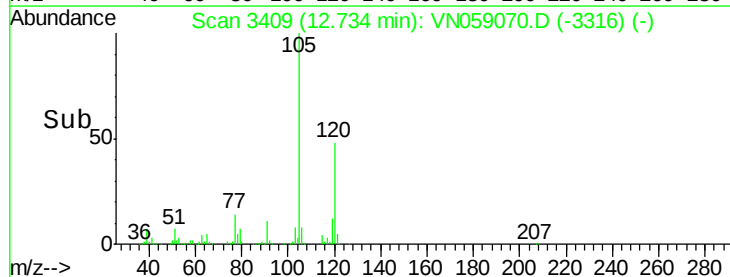
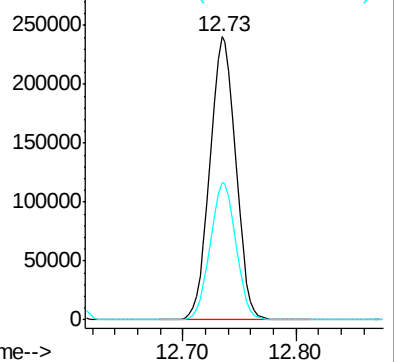
Ion Ratio Lower Upper

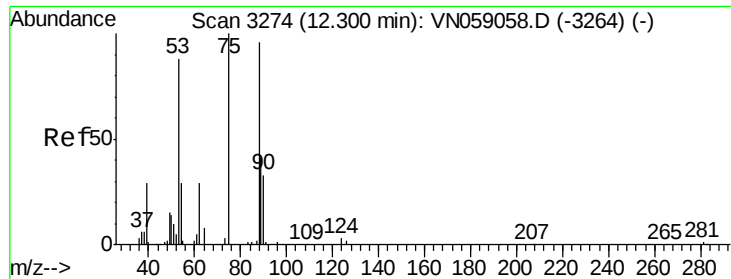
105 100

120 48.4 24.2 72.6



Abundance Ion 105.00 (104.70 to 105.70): VN059058.D (-3391) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 18.317 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN059070.D

Acq: 1 Nov 2019 18:10

Instrument :

MSVOA_N

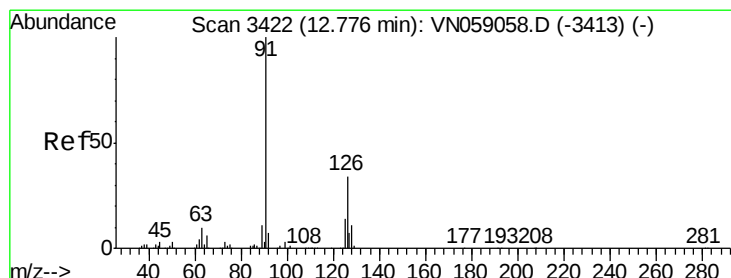
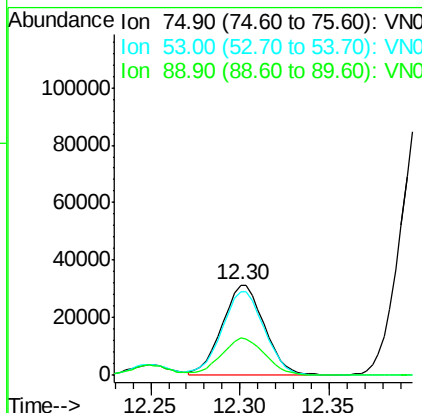
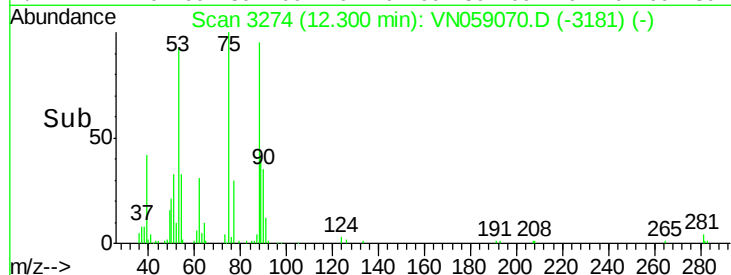
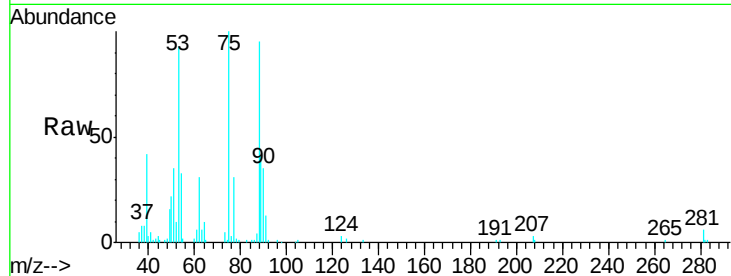
ClientSampleId :

VN1101WBSD02

Tgt Ion:	75	Resp:	51345
Ion Ratio	Lower	Upper	
75	100		
53	92.9	70.4	105.6
89	43.3	34.2	51.2

Manual Integrations
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#82

4-Chlorotoluene

Concen: 19.536 ug/l

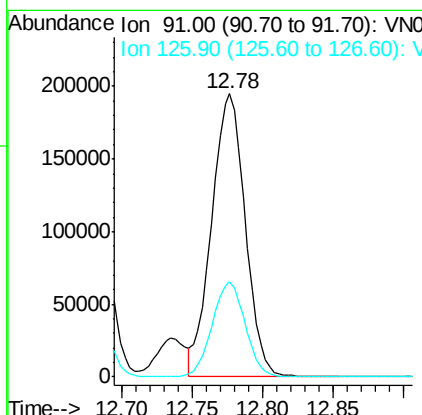
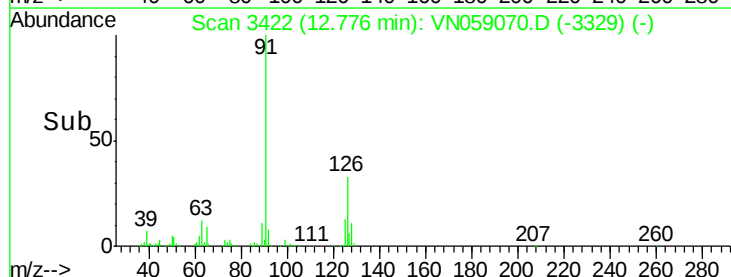
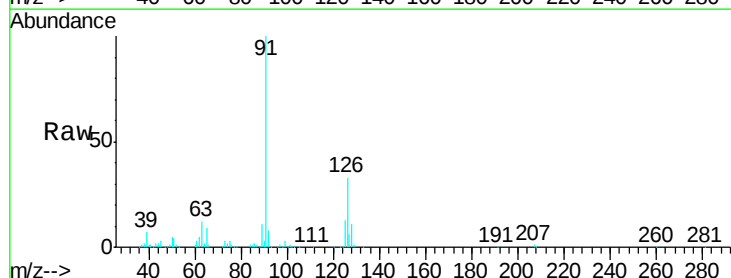
RT: 12.78 min Scan# 3422

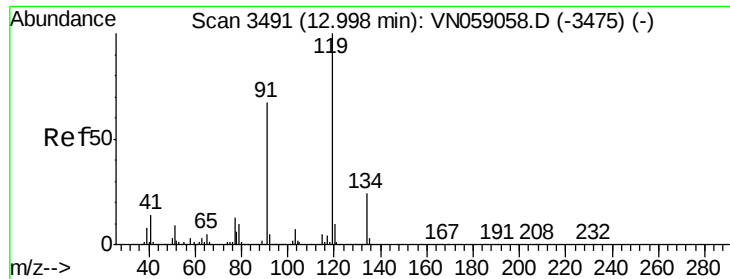
Delta R.T. 0.00 min

Lab File: VN059070.D

Acq: 1 Nov 2019 18:10

Tgt Ion:	91	Resp:	320324
Ion Ratio	Lower	Upper	
91	100		
126	33.1	16.0	47.9





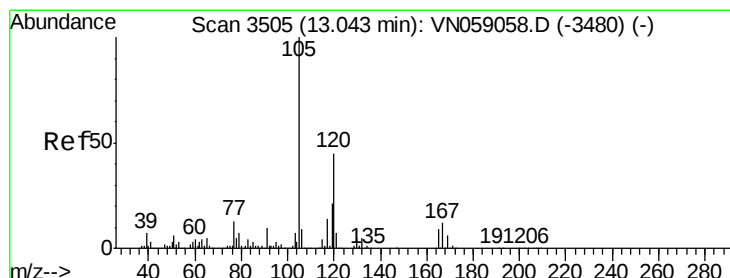
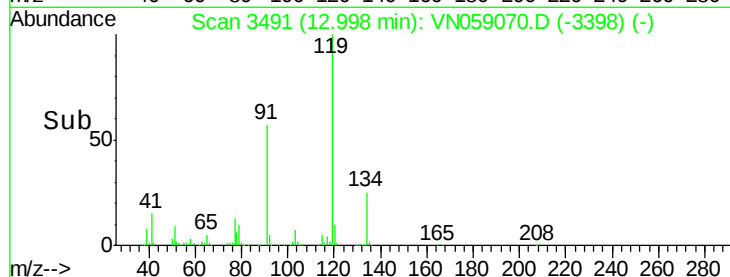
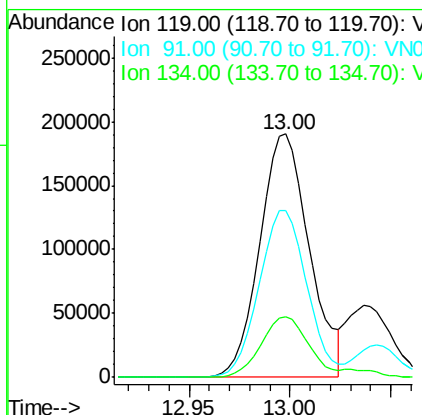
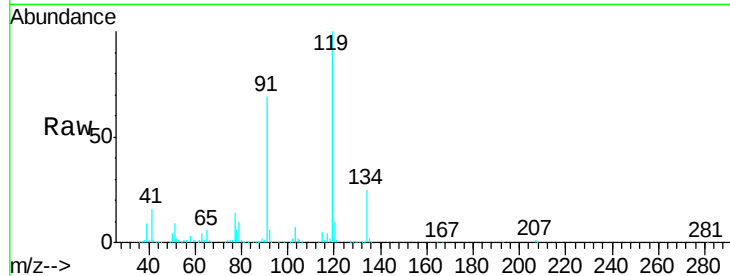
#83
 tert-Butylbenzene
 Concen: 20.236 ug/l
 RT: 13.00 min Scan# 3491
 Delta R.T. 0.00 min
 Lab File: VN059070.D
 Acq: 1 Nov 2019 18:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1101WBSD02

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	326385		
91	65.7	33.7	101.0	
134	26.0	12.9	38.7	

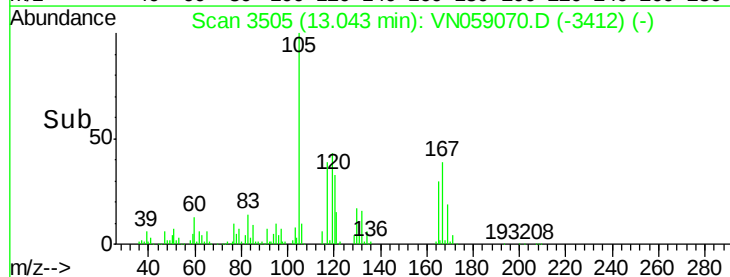
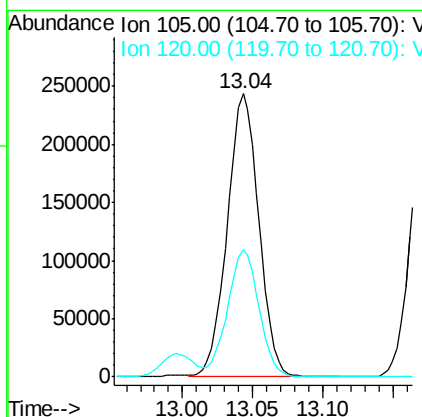
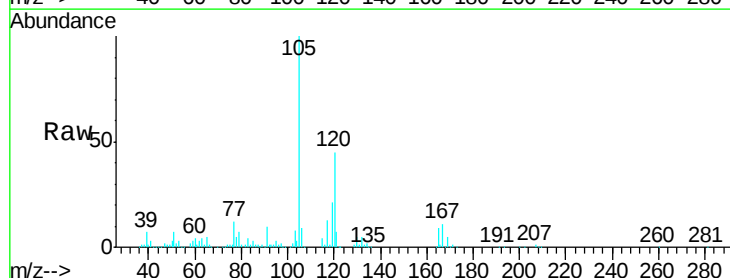
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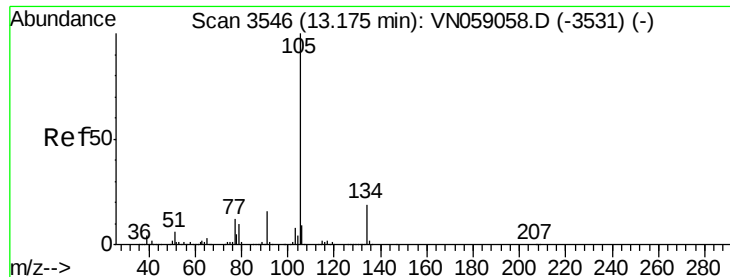
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.585 ug/l
 RT: 13.04 min Scan# 3505
 Delta R.T. 0.00 min
 Lab File: VN059070.D
 Acq: 1 Nov 2019 18:10

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	379768		
120	45.2	22.3	66.9	





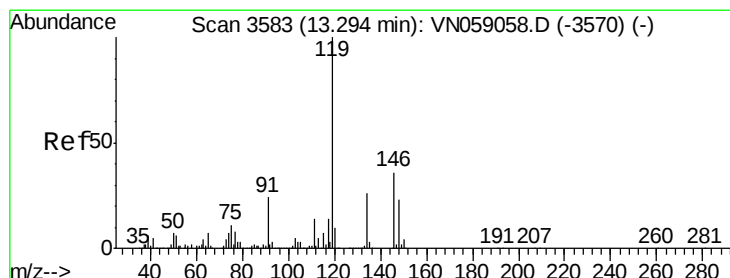
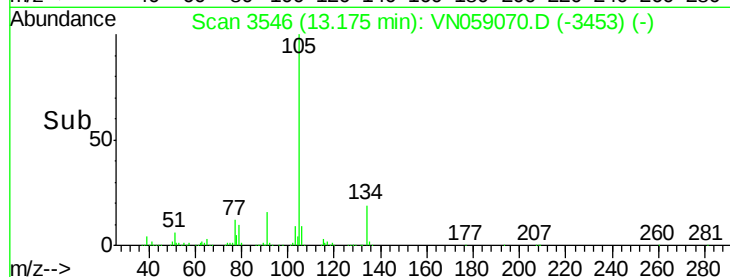
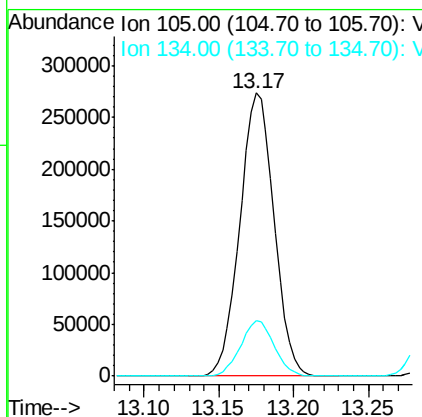
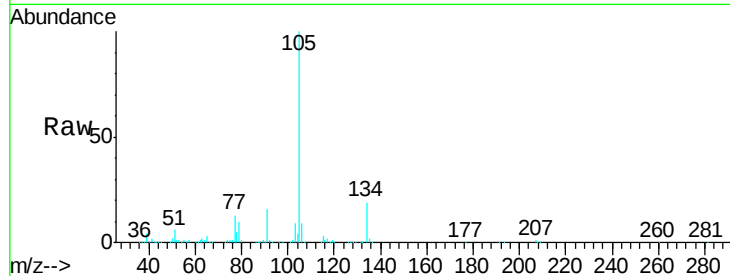
#85
 sec-Butylbenzene
 Concen: 20.519 ug/l
 RT: 13.17 min Scan# 3546
 Delta R.T. 0.00 min
 Lab File: VN059070.D
 Acq: 1 Nov 2019 18:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1101WBSD02

Tgt Ion	Ratio	Lower	Upper
105	100		
134	19.3	9.8	29.4

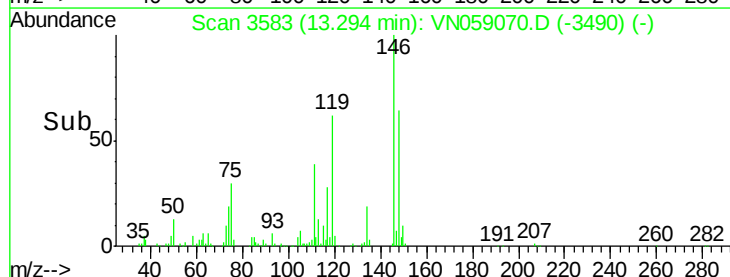
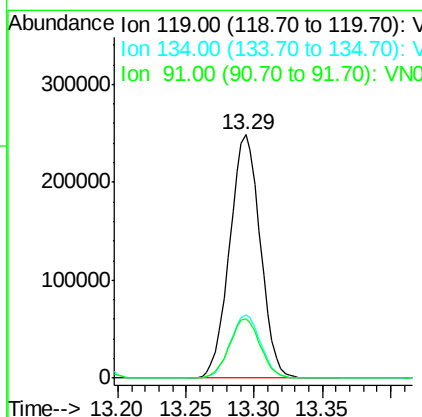
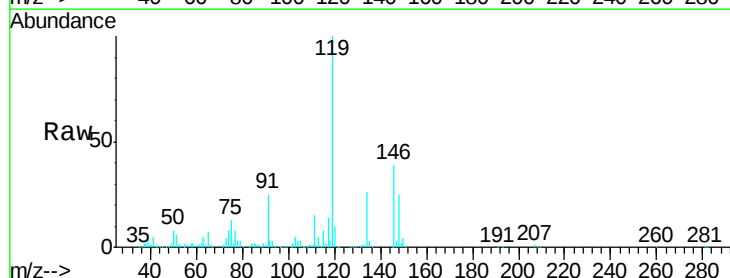
Manual Integrations
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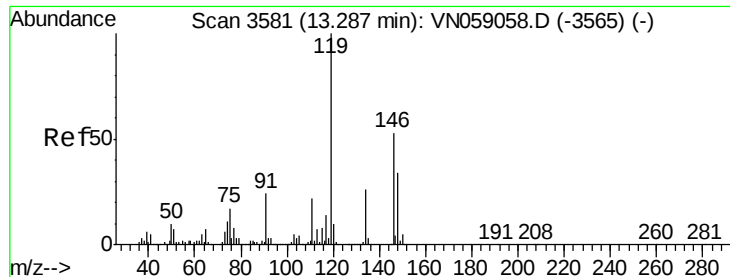
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#86
 p-Isopropyltoluene
 Concen: 20.210 ug/l
 RT: 13.29 min Scan# 3583
 Delta R.T. 0.00 min
 Lab File: VN059070.D
 Acq: 1 Nov 2019 18:10

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.2	13.0	39.0
91	24.3	12.0	36.0





#87

1,3-Dichlorobenzene

Concen: 19.546 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN059070.D

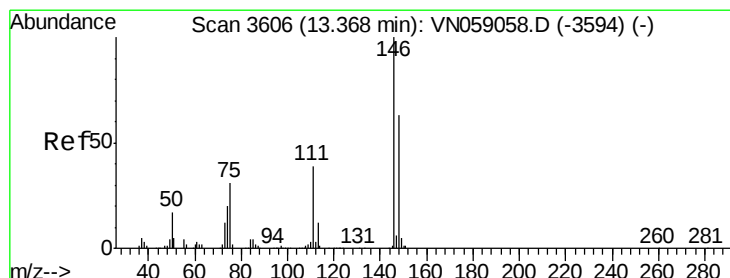
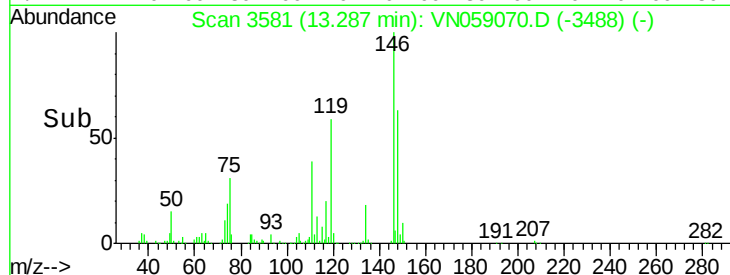
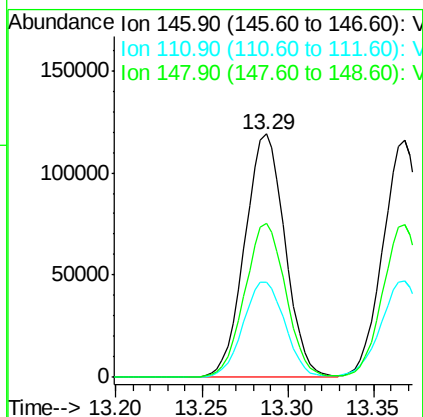
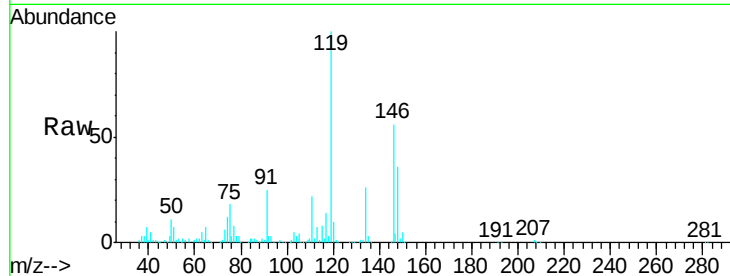
Acq: 1 Nov 2019 18:10

Instrument :
MSVOA_N
ClientSampleId :
VN1101WBSD02

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	193983		
111	40.3	20.5	61.5	
148	64.2	31.8	95.3	

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#88

1,4-Dichlorobenzene

Concen: 19.108 ug/l

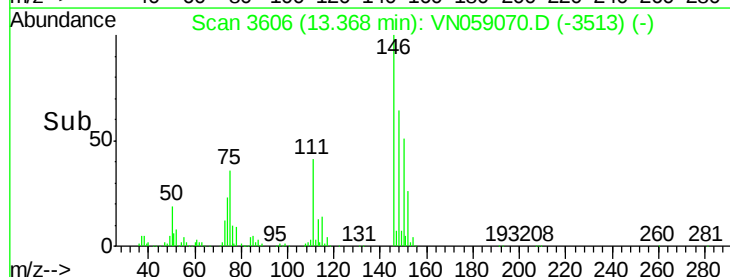
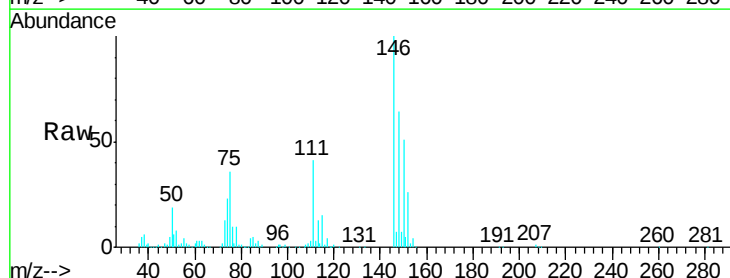
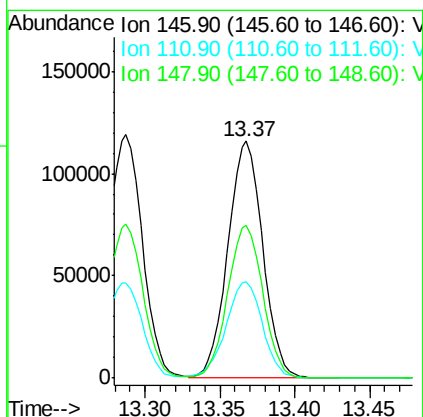
RT: 13.37 min Scan# 3606

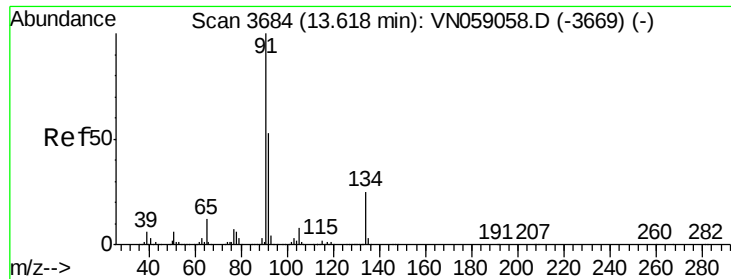
Delta R.T. 0.00 min

Lab File: VN059070.D

Acq: 1 Nov 2019 18:10

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	187584		
111	43.1	20.1	60.2	
148	64.9	31.9	95.7	





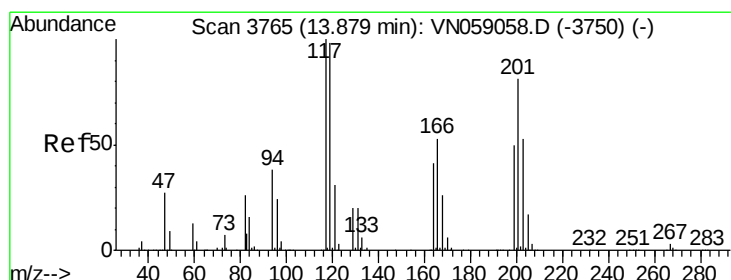
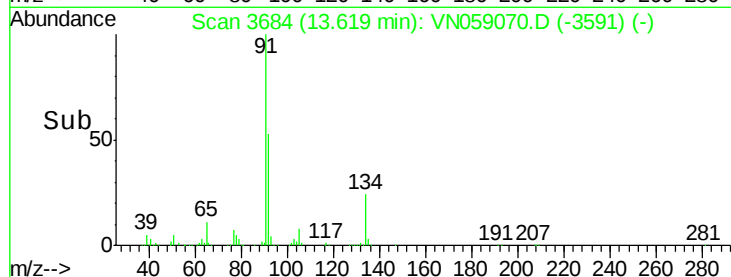
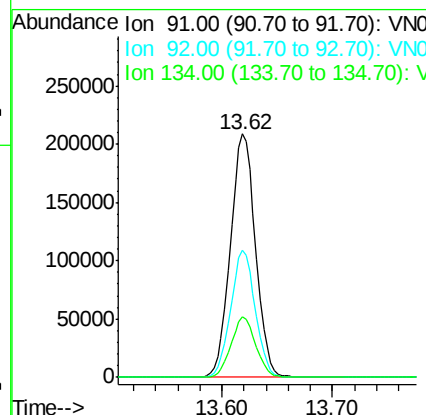
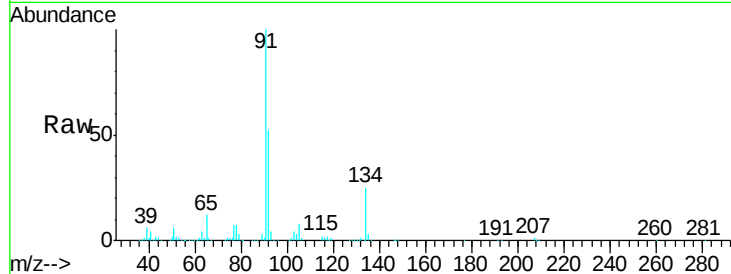
#89
n-Butylbenzene
Concen: 19.854 ug/l
RT: 13.62 min Scan# 3684
Delta R.T. 0.00 min
Lab File: VN059070.D
Acq: 1 Nov 2019 18:10

Instrument :
MSVOA_N
ClientSampleId :
VN1101WBSD02

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.1	26.4	79.0
134	24.4	12.5	37.5

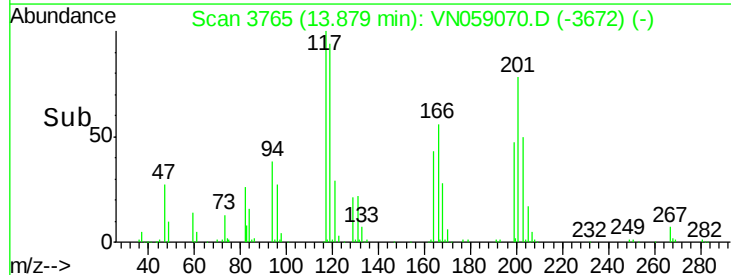
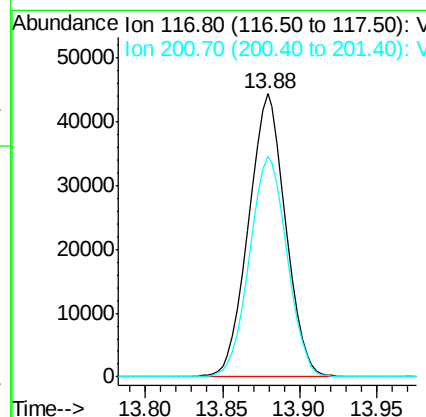
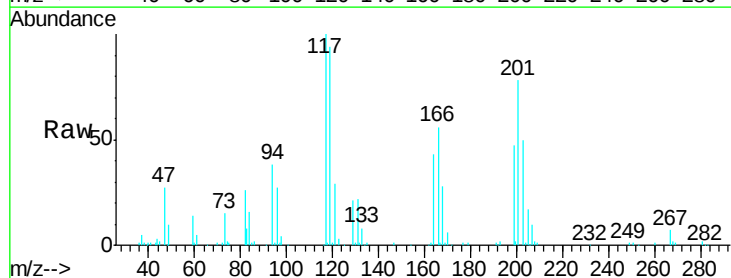
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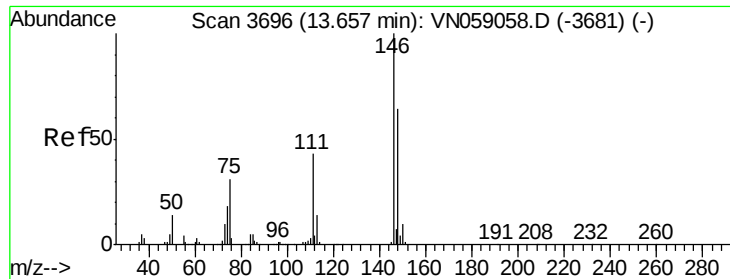
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#90
Hexachloroethane
Concen: 19.554 ug/l
RT: 13.88 min Scan# 3765
Delta R.T. 0.00 min
Lab File: VN059070.D
Acq: 1 Nov 2019 18:10

Tgt Ion	Ratio	Lower	Upper
117	100		
201	79.1	40.7	122.1





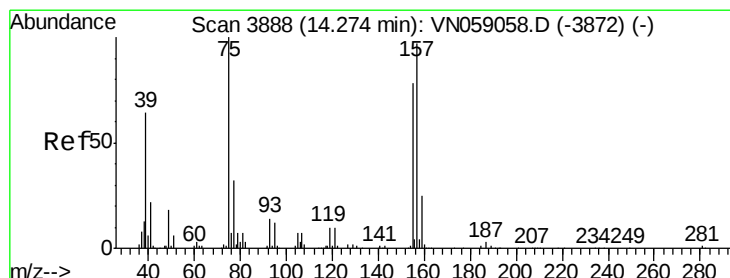
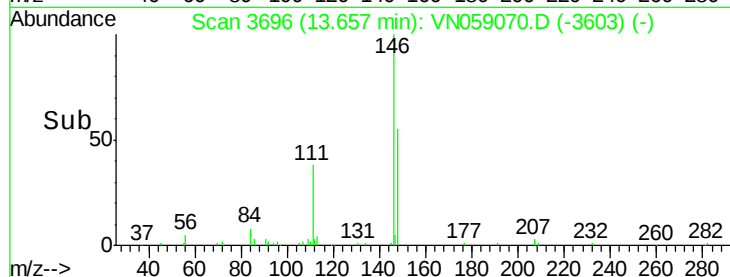
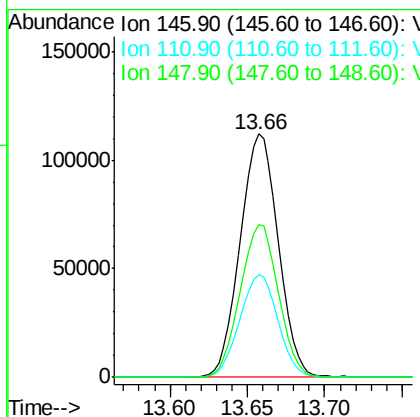
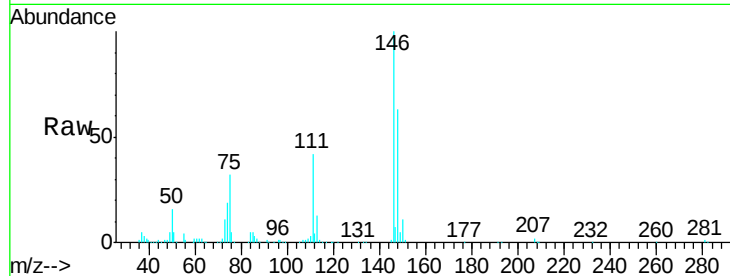
#91
 1,2-Dichlorobenzene
 Concen: 19.492 ug/l
 RT: 13.66 min Scan# 3696
 Delta R.T. 0.00 min
 Lab File: VN059070.D
 Acq: 1 Nov 2019 18:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1101WBSD02

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	192493		
111	42.3	21.2	63.6	
148	62.7	32.1	96.3	

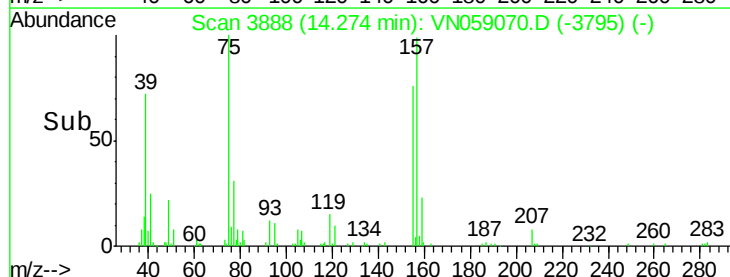
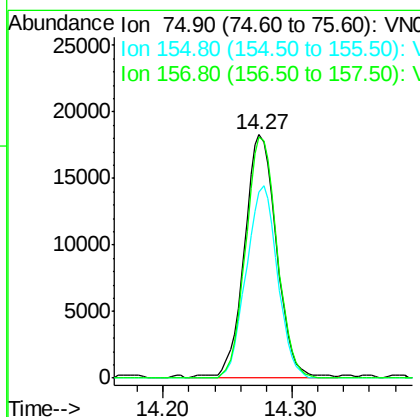
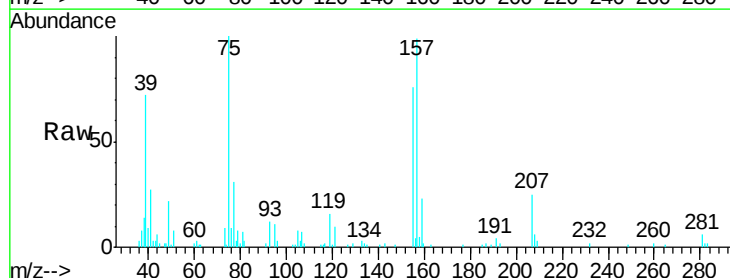
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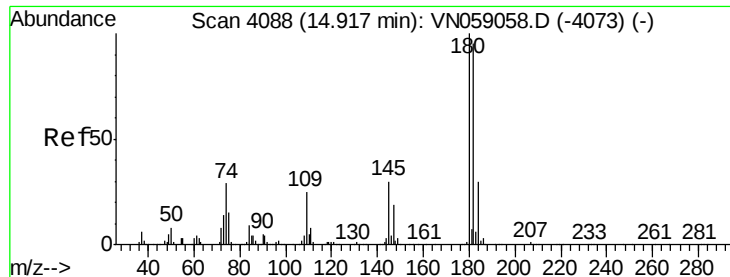
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.583 ug/l
 RT: 14.27 min Scan# 3888
 Delta R.T. 0.00 min
 Lab File: VN059070.D
 Acq: 1 Nov 2019 18:10

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	31943		
155	76.1	39.7	119.1	
157	95.5	51.0	153.0	





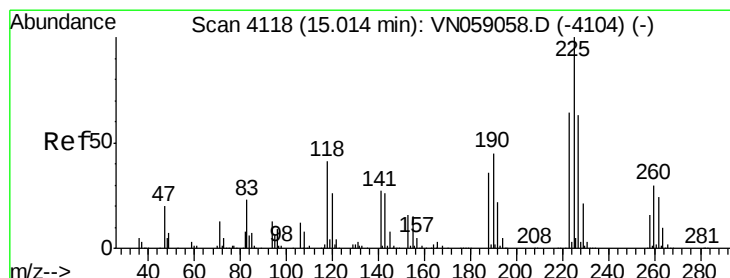
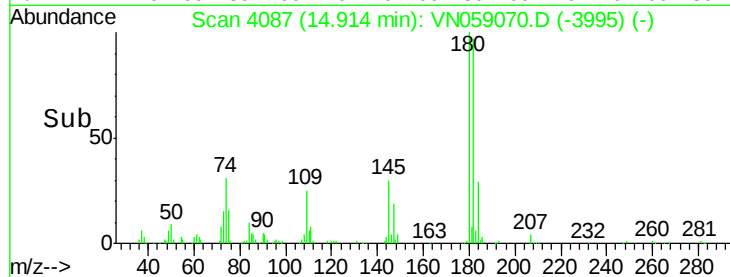
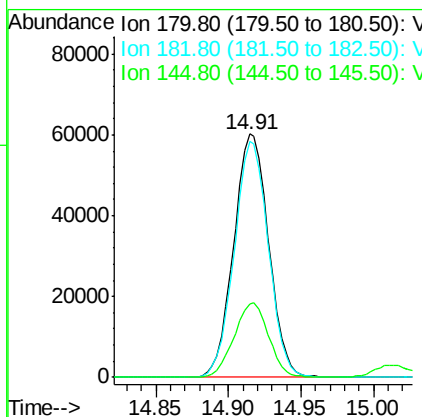
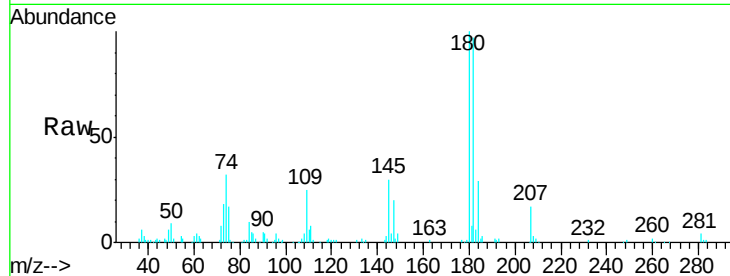
#93
 1,2,4-Trichlorobenzene
 Concen: 18.906 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. -0.00 min
 Lab File: VN059070.D
 Acq: 1 Nov 2019 18:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1101WBSD02

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	100697		
182	94.7	47.8	143.4	
145	30.2	15.1	45.3	

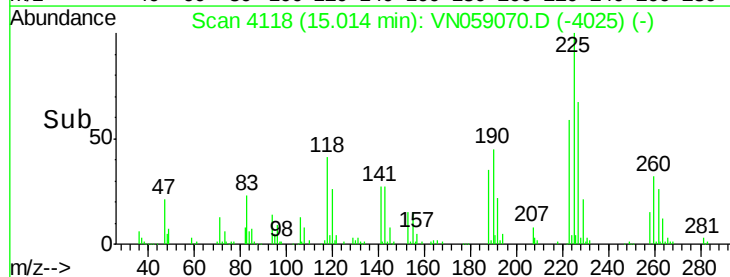
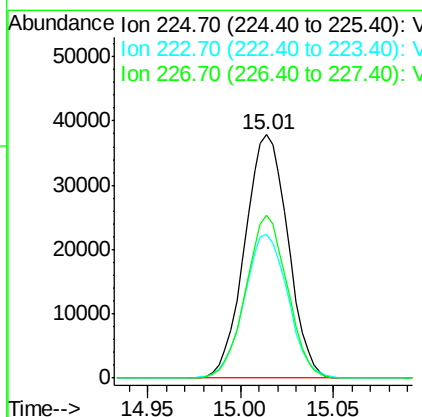
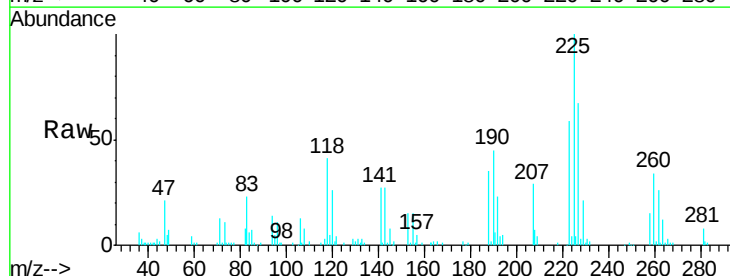
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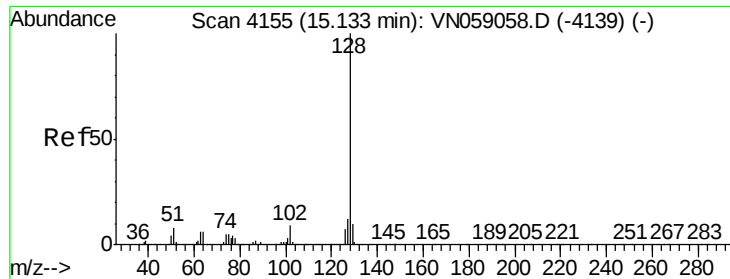
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#94
 Hexachlorobutadiene
 Concen: 19.119 ug/l
 RT: 15.01 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN059070.D
 Acq: 1 Nov 2019 18:10

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	61118		
223	60.0	31.6	95.0	
227	64.3	31.9	95.7	





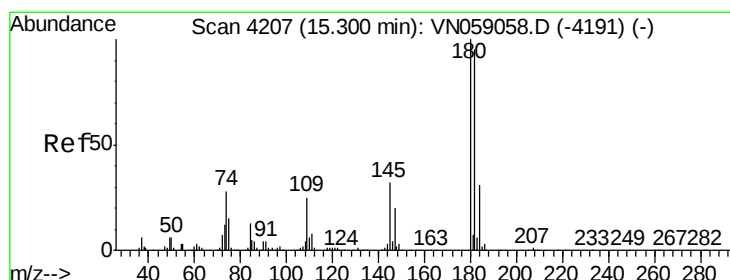
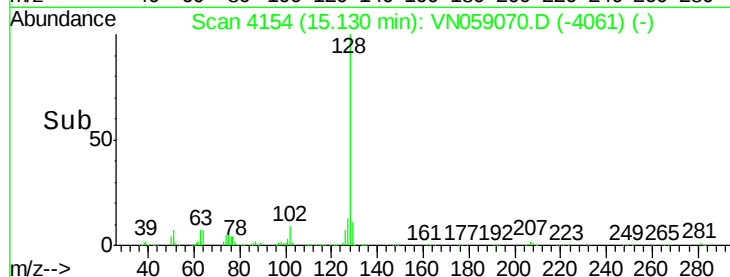
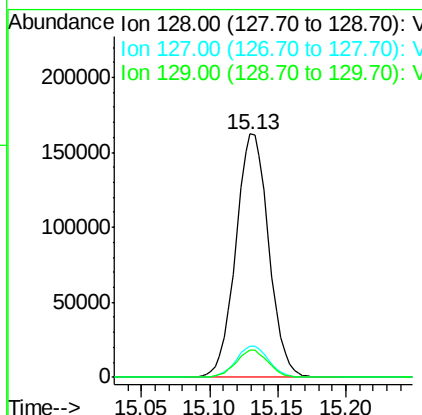
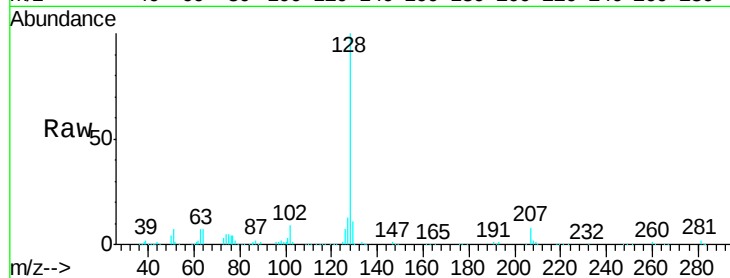
#95
Naphthalene
Concen: 18.365 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. -0.00 min
Lab File: VN059070.D
Acq: 1 Nov 2019 18:10

Instrument :
MSVOA_N
ClientSampleId :
VN1101WBSD02

Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
127	12.8	9.9	14.9
129	11.0	8.4	12.6

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 18.928 ug/l
RT: 15.30 min Scan# 4207
Delta R.T. 0.00 min
Lab File: VN059070.D
Acq: 1 Nov 2019 18:10

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.4	47.7	143.1
145	31.7	16.0	48.0

