

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN110619\
 Data File : VN059102.D
 Acq On : 6 Nov 2019 13:12
 Operator : JC/SP
 Sample : VN1106WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1106WBS01

Manual Integrations
 APPROVED

MMDadoda
 11/7/2019 9:16:28 AM

Quant Time: Nov 07 04:18:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 07 04:00:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	501526	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	786472	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	705754	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	312922	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	306963	49.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.58%	
35) Dibromofluoromethane	7.57	113	235819	50.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.44%	
50) Toluene-d8	10.08	98	921871	49.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.68%	
62) 4-Bromofluorobenzene	12.40	95	320186	48.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.02%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.83	85	96524	19.102	ug/l 100
3) Chloromethane	2.04	50	132413	19.277	ug/l 100
4) Vinyl Chloride	2.17	62	128799	19.341	ug/l 98
5) Bromomethane	2.55	94	74763	19.509	ug/l 97
6) Chloroethane	2.68	64	77400	19.648	ug/l 100
7) Trichlorofluoromethane	3.00	101	157503	19.773	ug/l 100
8) Diethyl Ether	3.39	74	63614	19.655	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	3.73	101	94773	19.733	ug/l 99
10) Methyl Iodide	3.93	142	114235	19.216	ug/l 99
11) Tert butyl alcohol	4.75	59	111065	94.529	ug/l 99
12) 1,1-Dichloroethene	3.71	96	91269	19.508	ug/l 98
13) Acrolein	3.58	56	61057	100.793	ug/l 98
14) Allyl chloride	4.30	41	184589	19.208	ug/l 99
15) Acrylonitrile	4.96	53	297843	101.862	ug/l 98
16) Acetone	3.79	43	311935	97.299	ug/l 100
17) Carbon Disulfide	4.03	76	275182	18.948	ug/l 99
18) Methyl Acetate	4.30	43	153509	20.173	ug/l 100
19) Methyl tert-butyl Ether	5.01	73	326775	20.287	ug/l 99
20) Methylene Chloride	4.53	84	109108	19.535	ug/l 98
21) trans-1,2-Dichloroethene	5.01	96	98526	19.619	ug/l 95
22) Diisopropyl ether	5.92	45	367871	20.266	ug/l 94
23) Vinyl Acetate	5.87	43	1509681	107.311	ug/l 99
24) 1,1-Dichloroethane	5.82	63	199994	19.726	ug/l 98
25) 2-Butanone	6.81	43	421381	99.729	ug/l 98
26) 2,2-Dichloropropane	6.80	77	170050	19.182	ug/l 99
27) cis-1,2-Dichloroethene	6.80	96	115123	19.760	ug/l 99
28) Bromochloromethane	7.17	49	61226	20.073	ug/l 98
29) Tetrahydrofuran	7.19	42	276501	102.991	ug/l 100
30) Chloroform	7.35	83	192111	19.753	ug/l 98
31) Cyclohexane	7.63	56	186860	19.469	ug/l 99
32) 1,1,1-Trichloroethane	7.55	97	163731	20.024	ug/l 100
36) 1,1-Dichloropropene	7.77	75	147042	20.002	ug/l 99
37) Ethyl Acetate	6.90	43	163891	20.040	ug/l 99
38) Carbon Tetrachloride	7.75	117	144524	19.752	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	166657	19.534	ug/l	100
40) Benzene	8.02	78	441091	19.925	ug/l	98
41) Methacrylonitrile	7.15	41	59274m	16.668	ug/l	
42) 1,2-Dichloroethane	8.10	62	154998	20.415	ug/l	99
43) Isopropyl Acetate	8.14	43	256127	19.645	ug/l	93
44) Trichloroethene	8.82	130	106959	19.656	ug/l	98
45) 1,2-Dichloropropane	9.10	63	122065	20.301	ug/l	99
46) Dibromomethane	9.19	93	74262	19.820	ug/l	99
47) Bromodichloromethane	9.39	83	149701	20.008	ug/l	98
48) Methyl methacrylate	9.18	41	113077	19.390	ug/l	99
49) 1,4-Dioxane	9.18	88	36307	350.321	ug/l	97
51) 4-Methyl-2-Pentanone	9.97	43	811663	110.024	ug/l	99
52) Toluene	10.15	92	266658	20.097	ug/l	98
53) t-1,3-Dichloropropene	10.37	75	168364	19.477	ug/l	97
54) cis-1,3-Dichloropropene	9.83	75	185381	19.937	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	106142	19.766	ug/l	99
56) Ethyl methacrylate	10.42	69	160727	19.147	ug/l	99
57) 1,3-Dichloropropane	10.70	76	185557	20.078	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.68	63	323997	108.417	ug/l	99
59) 2-Hexanone	10.74	43	595080	105.095	ug/l	100
60) Dibromochloromethane	10.90	129	112220	19.766	ug/l	100
61) 1,2-Dibromoethane	11.00	107	107159	19.713	ug/l	99
64) Tetrachloroethene	10.62	164	96497	20.108	ug/l	95
65) Chlorobenzene	11.43	112	272423	19.801	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	104132	20.177	ug/l	99
67) Ethyl Benzene	11.51	91	495667	20.306	ug/l	99
68) m/p-Xylenes	11.62	106	360612	39.439	ug/l	97
69) o-Xylene	11.95	106	176668	19.993	ug/l	100
70) Styrene	11.96	104	277739	19.985	ug/l	99
71) Bromoform	12.13	173	78849	19.642	ug/l #	100
73) Isopropylbenzene	12.25	105	475416	20.886	ug/l	100
74) N-amyl acetate	12.07	43	195941	20.315	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	162428	20.954	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	140302m	19.694	ug/l	
77) Bromobenzene	12.53	156	112937	19.748	ug/l	98
78) n-propylbenzene	12.59	91	541629	20.782	ug/l	99
79) 2-Chlorotoluene	12.67	91	325900	20.157	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	398456	20.659	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	54139	20.072	ug/l	98
82) 4-Chlorotoluene	12.77	91	323429	19.945	ug/l	99
83) tert-Butylbenzene	12.99	119	338069	20.297	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	389244	20.859	ug/l	98
85) sec-Butylbenzene	13.17	105	445070	20.546	ug/l	99
86) p-Isopropyltoluene	13.29	119	396931	20.752	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	194795	19.891	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	192309	19.627	ug/l	99
89) n-Butylbenzene	13.62	91	328111	19.600	ug/l	99
90) Hexachloroethane	13.88	117	75119	19.558	ug/l	97
91) 1,2-Dichlorobenzene	13.66	146	195159	20.259	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	32476	21.015	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	99180	18.982	ug/l	98
94) Hexachlorobutadiene	15.01	225	61859	18.623	ug/l	97
95) Naphthalene	15.13	128	265736	18.435	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	101315	18.766	ug/l	99

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

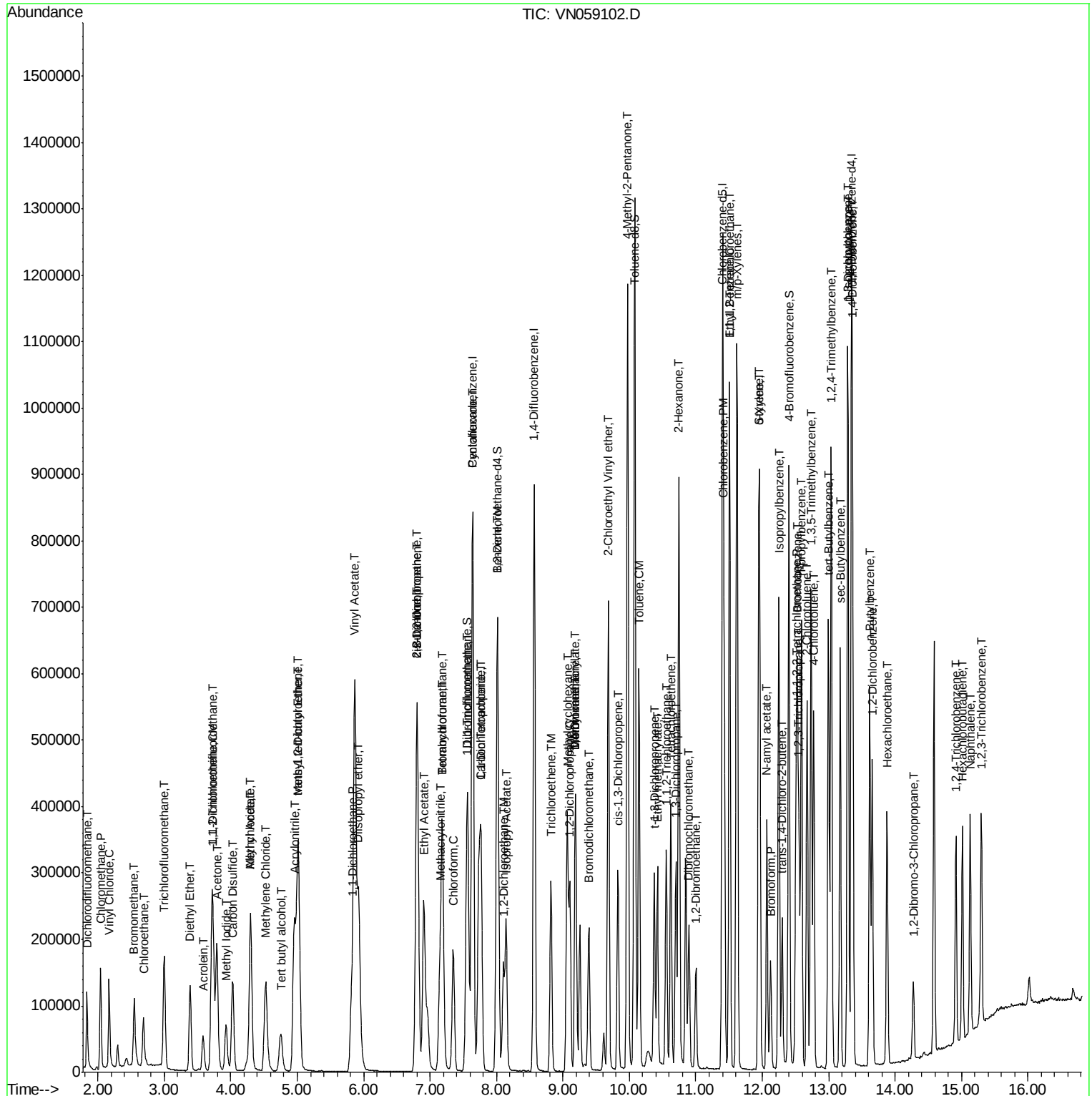
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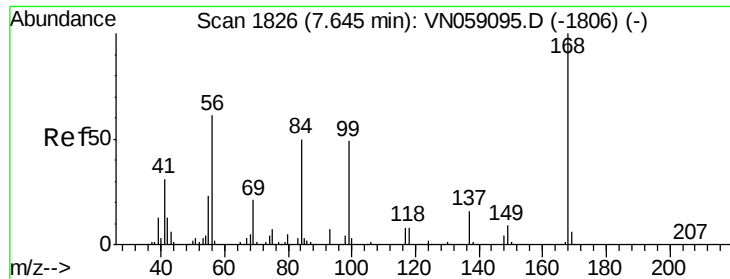
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN059102.D

Acq: 6 Nov 2019 13:12

Instrument :

MSVOA_N

ClientSampleId :

VN1106WBS01

Tgt Ion: 168 Resp: 501526

Ion Ratio Lower Upper

168 100

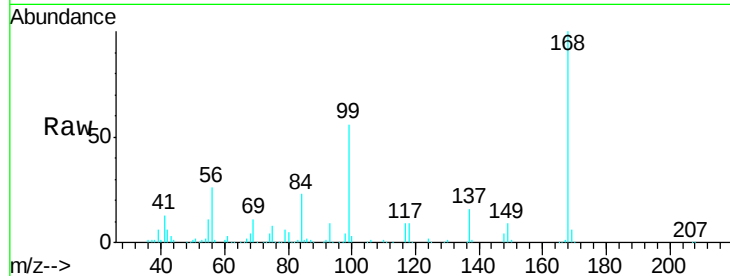
99 56.1 45.7 68.5

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.64

250000

200000

150000

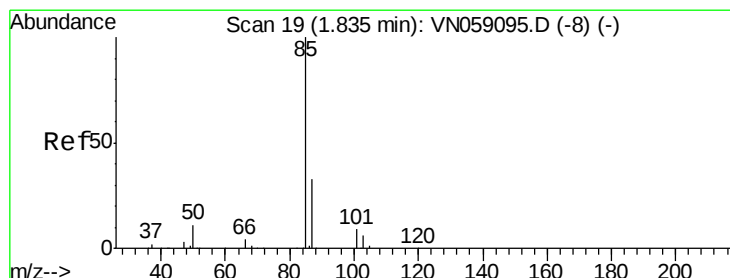
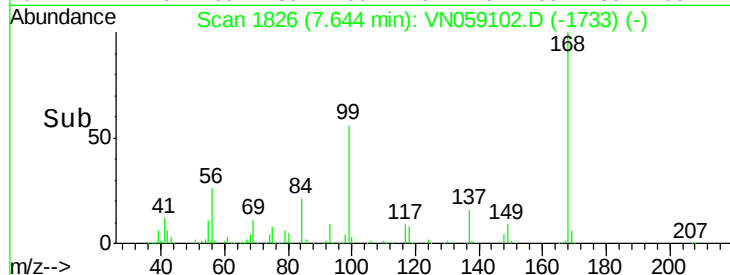
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50000

0

7.50 7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 19.102 ug/l

RT: 1.83 min Scan# 19

Delta R.T. -0.00 min

Lab File: VN059102.D

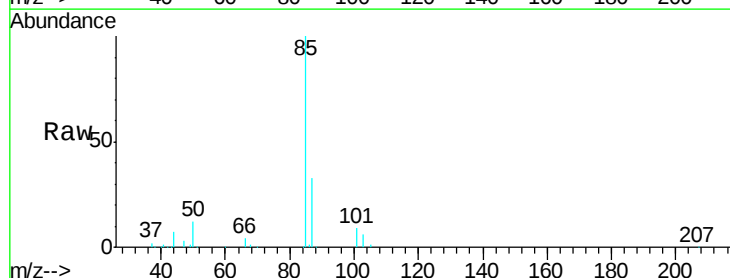
Acq: 6 Nov 2019 13:12

Tgt Ion: 85 Resp: 96524

Ion Ratio Lower Upper

85 100

87 32.8 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

60000

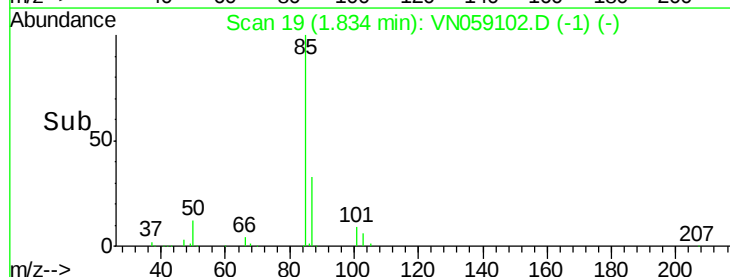
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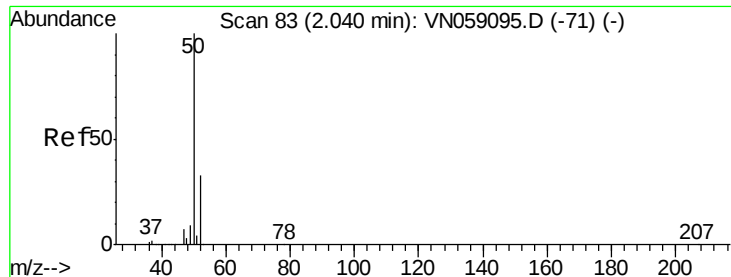
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0

1.75 1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 19.277 ug/l

RT: 2.04 min Scan# 83

Delta R.T. -0.00 min

Lab File: VN059102.D

Acq: 6 Nov 2019 13:12

Instrument :

MSVOA_N

ClientSampleId :

VN1106WBS01

Tgt Ion: 50 Resp: 132413

Ion Ratio Lower Upper

50 100

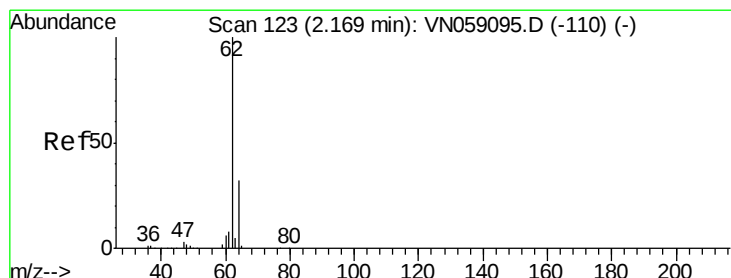
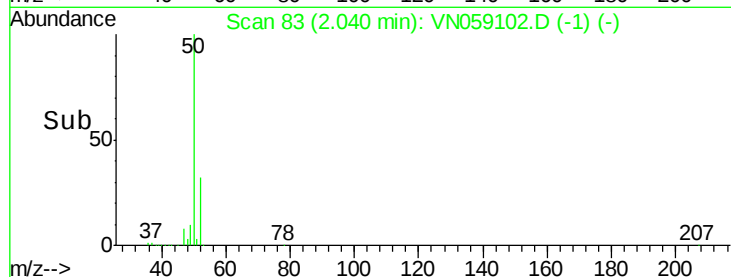
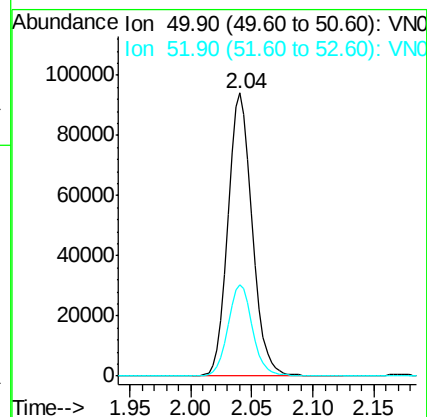
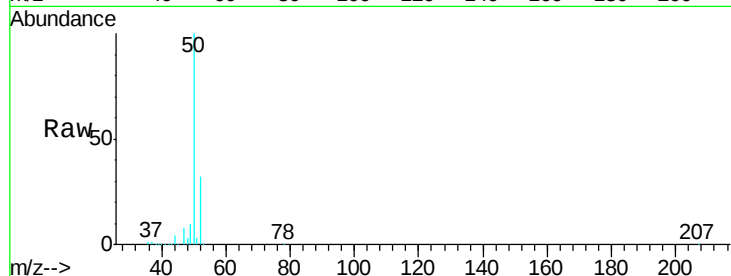
52 32.4 26.0 39.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 19.341 ug/l

RT: 2.17 min Scan# 123

Delta R.T. -0.00 min

Lab File: VN059102.D

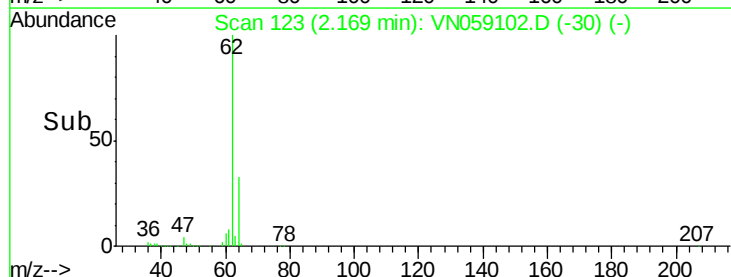
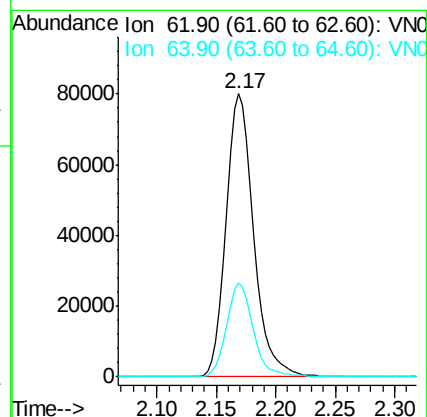
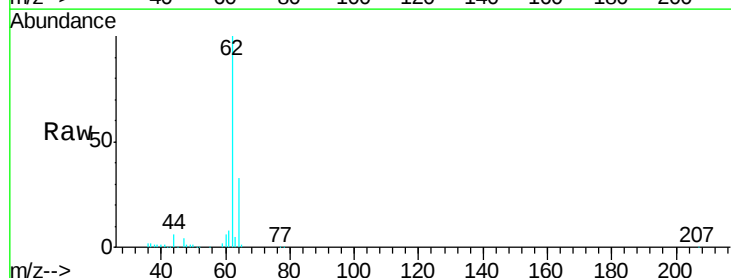
Acq: 6 Nov 2019 13:12

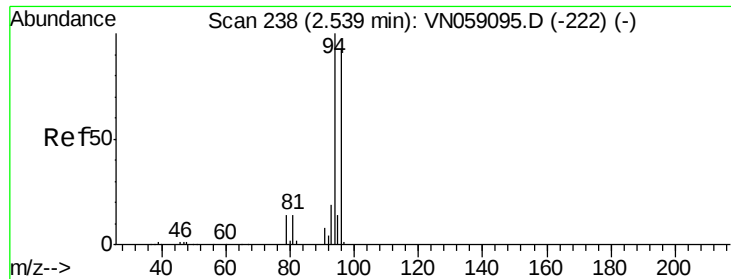
Tgt Ion: 62 Resp: 128799

Ion Ratio Lower Upper

62 100

64 33.1 25.4 38.2





#5

Bromomethane

Concen: 19.509 ug/l

RT: 2.55 min Scan# 241

Delta R.T. 0.01 min

Lab File: VN059102.D

Acq: 6 Nov 2019 13:12

Instrument :

MSVOA_N

ClientSampleId :

VN1106WBS01

Tgt Ion: 94 Resp: 74763

Ion Ratio Lower Upper

94 100

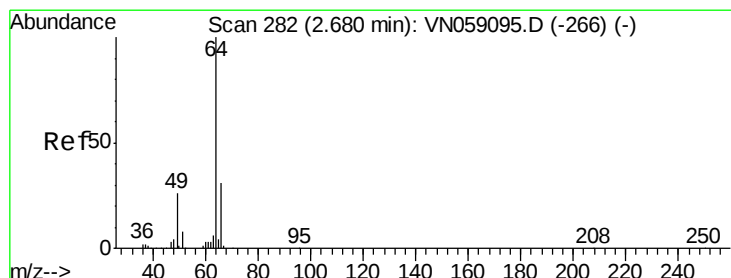
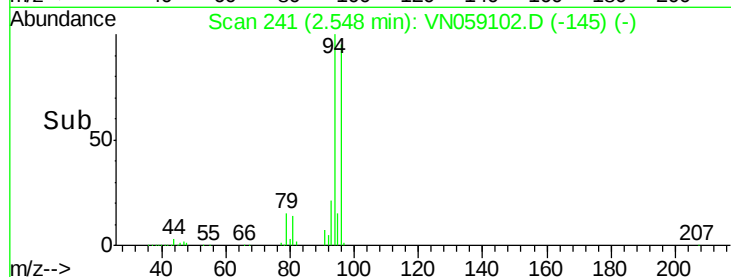
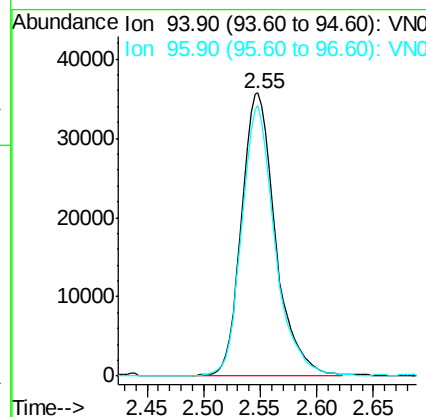
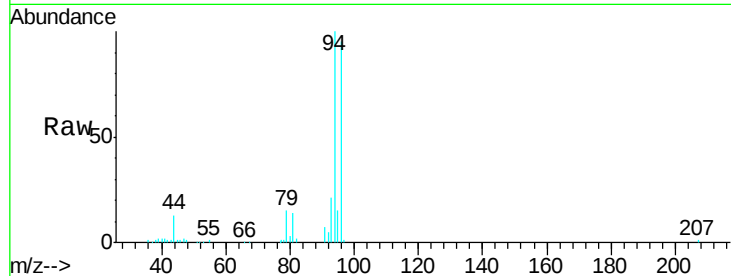
96 95.4 74.2 111.2

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#6

Chloroethane

Concen: 19.648 ug/l

RT: 2.68 min Scan# 283

Delta R.T. 0.00 min

Lab File: VN059102.D

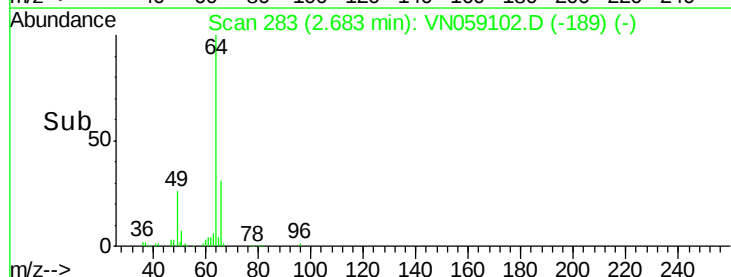
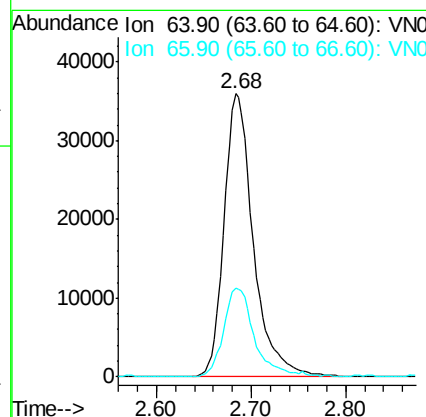
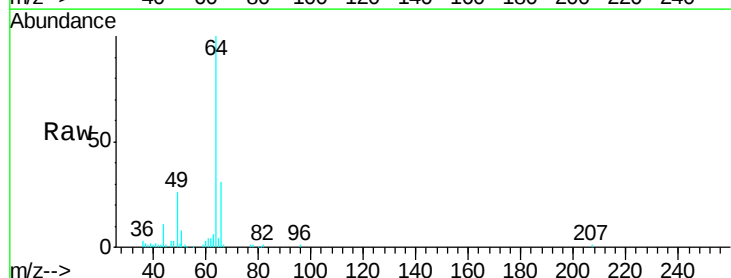
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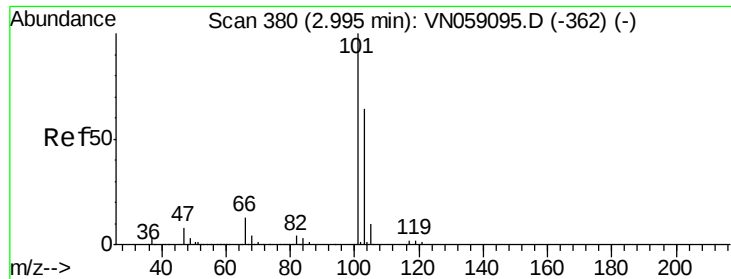
Tgt Ion: 64 Resp: 77400

Ion Ratio Lower Upper

64 100

66 31.3 25.2 37.8





#7

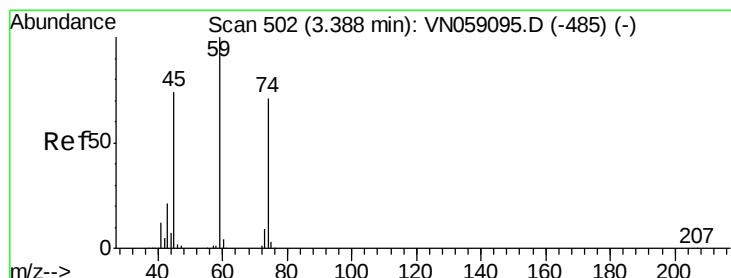
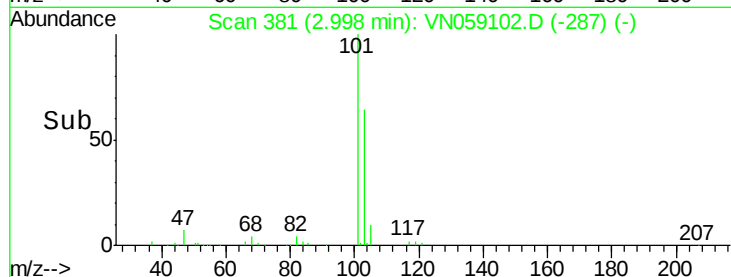
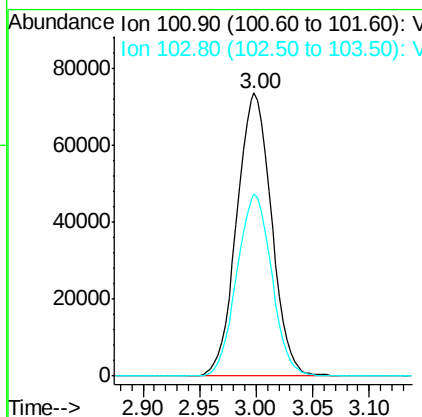
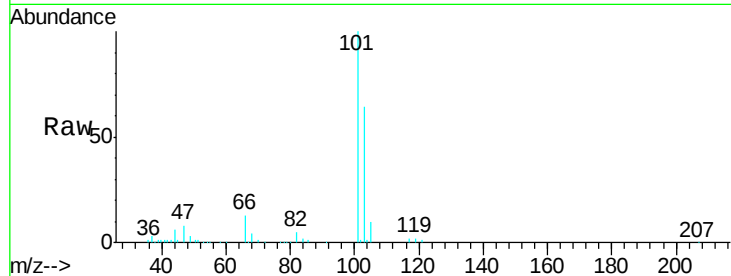
Trichlorofluoromethane
 Concen: 19.773 ug/l
 RT: 3.00 min Scan# 381
 Delta R.T. 0.00 min
 Lab File: VN059102.D
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Tgt Ion	Ratio	Lower	Upper
101	100		
103	64.2	51.2	76.8

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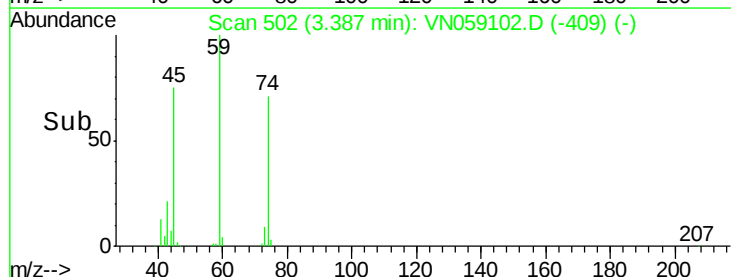
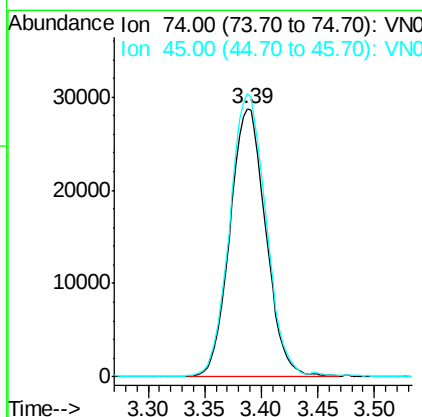
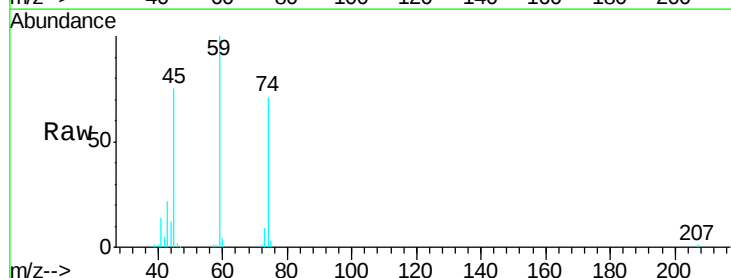
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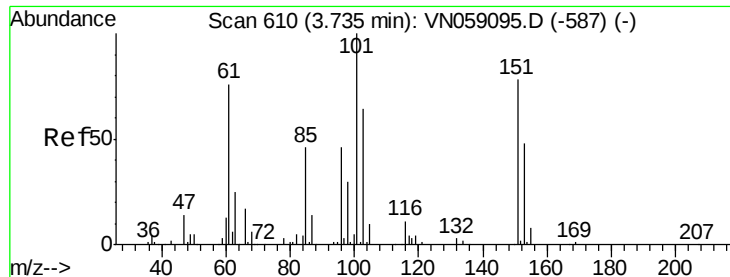


#8

Diethyl Ether
 Concen: 19.655 ug/l
 RT: 3.39 min Scan# 502
 Delta R.T. -0.00 min
 Lab File: VN059102.D
 Acq: 6 Nov 2019 13:12

Tgt Ion	Ratio	Lower	Upper
74	100		
45	106.9	51.6	154.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.733 ug/l

RT: 3.73 min Scan# 610

Delta R.T. -0.00 min

Lab File: VN059102.D

Acq: 6 Nov 2019 13:12

Instrument :

MSVOA_N

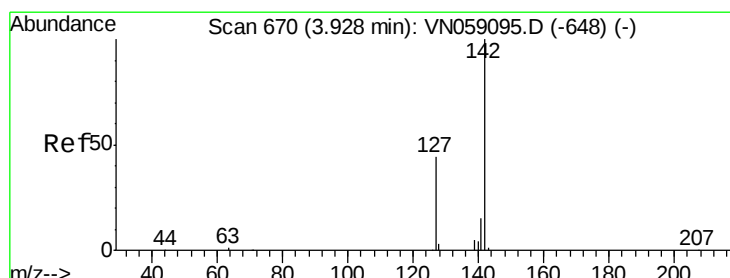
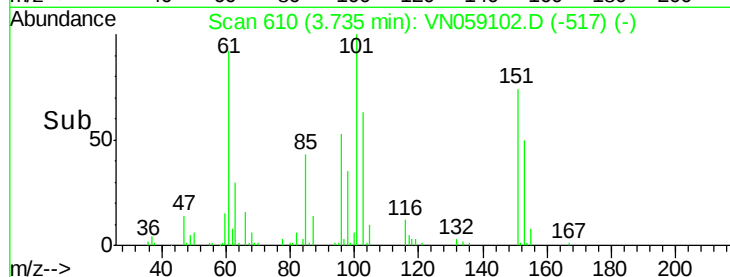
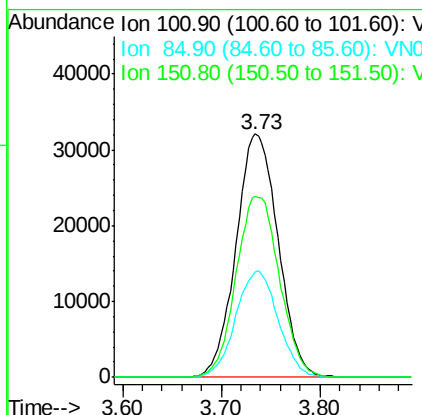
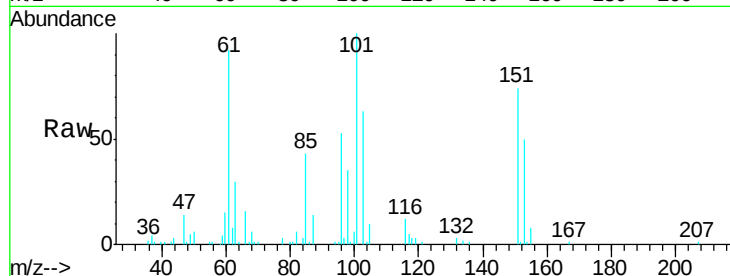
ClientSampleId :

VN1106WBS01

Tgt Ion:	101	Resp:	94773
Ion Ratio	Lower	Upper	
101	100		
85	44.0	35.5	53.3
151	76.7	62.2	93.2

Manual Integrations
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11/7/2019 9:16:28 AM



#10

Methyl Iodide

Concen: 19.216 ug/l

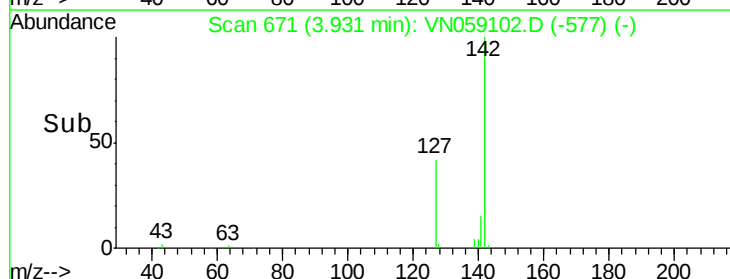
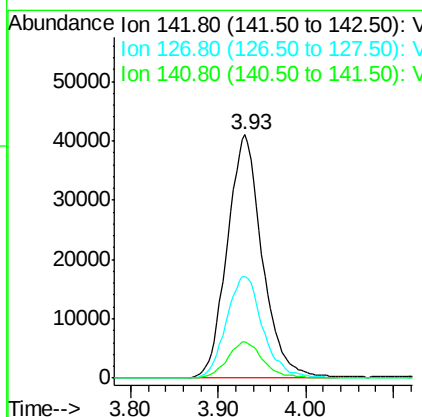
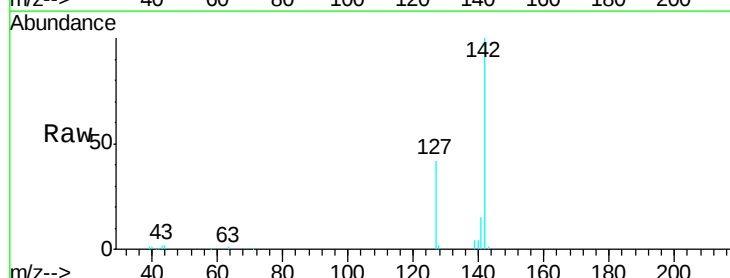
RT: 3.93 min Scan# 671

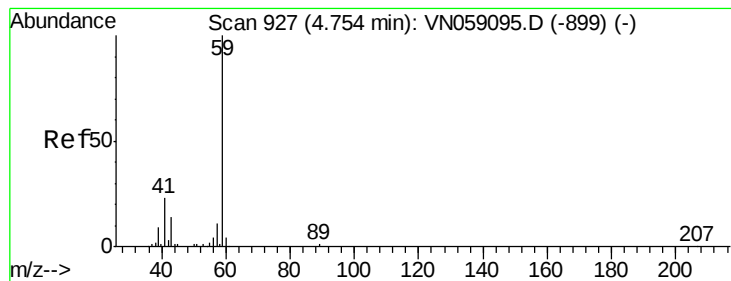
Delta R.T. 0.00 min

Lab File: VN059102.D

Acq: 6 Nov 2019 13:12

Tgt Ion:	142	Resp:	114235
Ion Ratio	Lower	Upper	
142	100		
127	43.4	34.2	51.2
141	14.9	11.4	17.0





#11

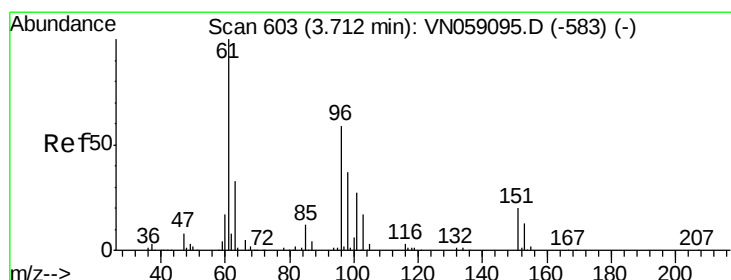
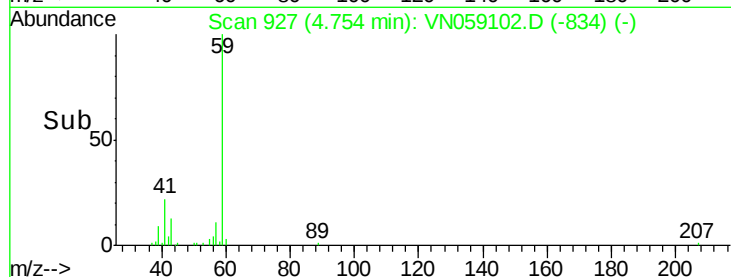
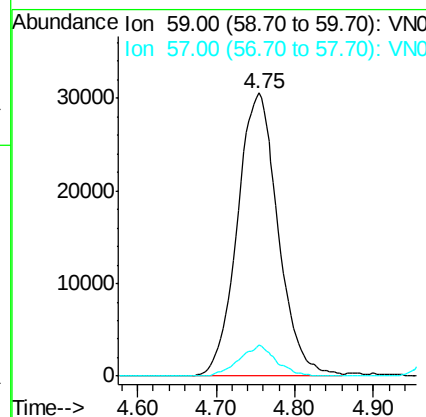
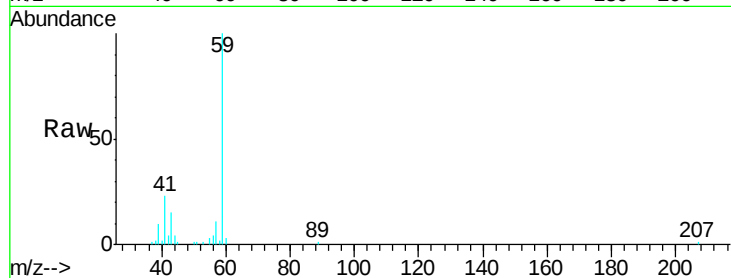
Tert butyl alcohol
Concen: 94.529 ug/l
RT: 4.75 min Scan# 927
Delta R.T. -0.00 min
Lab File: VN059102.D
Acq: 6 Nov 2019 13:12

Instrument :
MSVOA_N
ClientSampleId :
VN1106WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
59	100	111065		
57	9.8	8.3	12.5	

Manual Integrations
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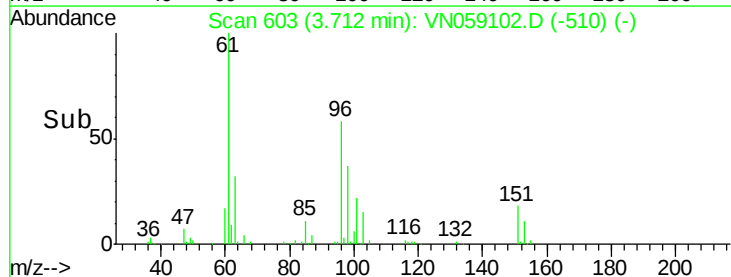
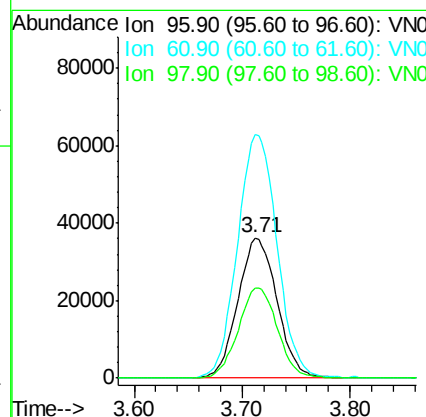
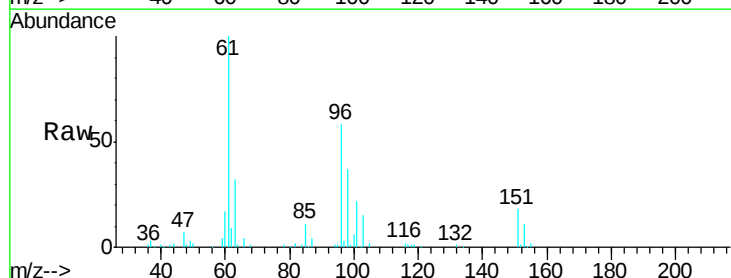
MMDadoda
11/7/2019 9:16:28 AM

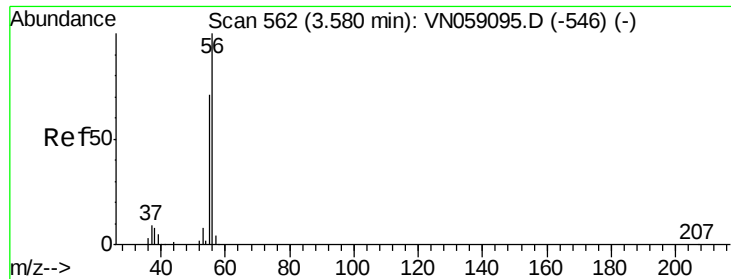


#12

1,1-Dichloroethene
Concen: 19.508 ug/l
RT: 3.71 min Scan# 603
Delta R.T. -0.00 min
Lab File: VN059102.D
Acq: 6 Nov 2019 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	91269		
61	173.6	136.5	204.7	
98	64.0	50.2	75.4	





#13

Acrolein

Concen: 100.793 ug/l

RT: 3.58 min Scan# 563

Delta R.T. 0.00 min

Lab File: VN059102.D

Acq: 6 Nov 2019 13:12

Instrument :

MSVOA_N

ClientSampleId :

VN1106WBS01

Tgt Ion: 56 Resp: 61057

Ion Ratio Lower Upper

56 100

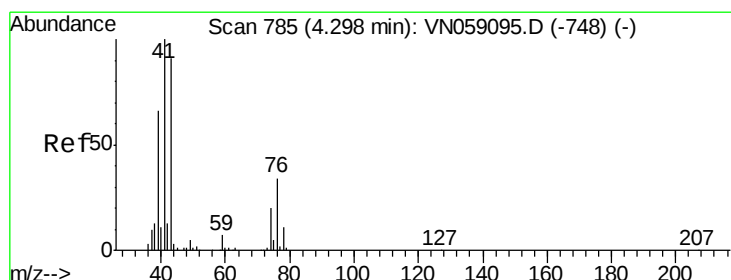
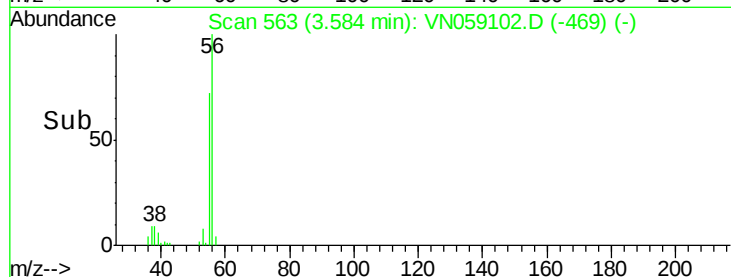
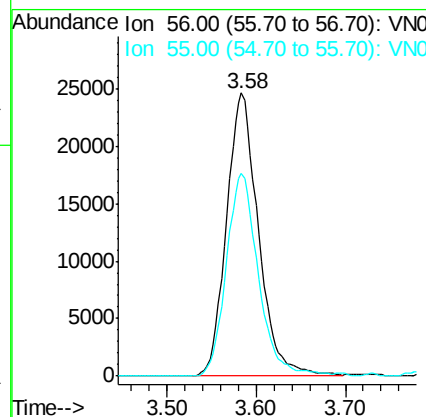
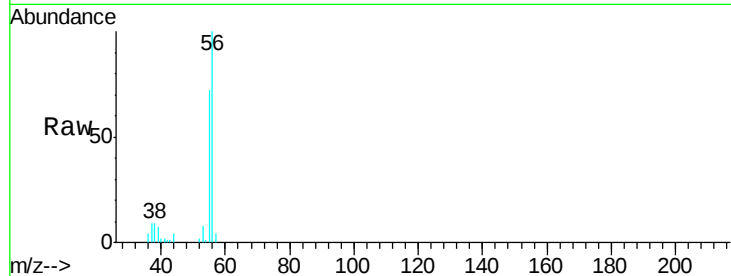
55 72.0 56.4 84.6

Manual Integrations

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MMDadoda

11/7/2019 9:16:28 AM



#14

Allyl chloride

Concen: 19.208 ug/l

RT: 4.30 min Scan# 785

Delta R.T. -0.00 min

Lab File: VN059102.D

Acq: 6 Nov 2019 13:12

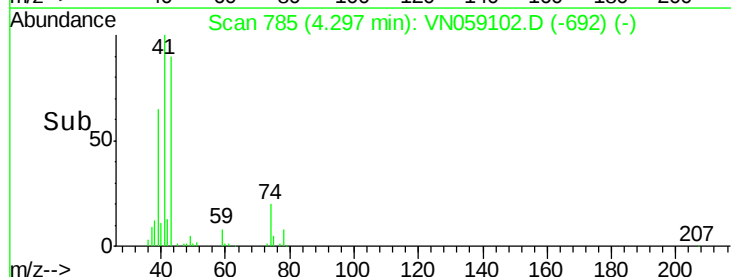
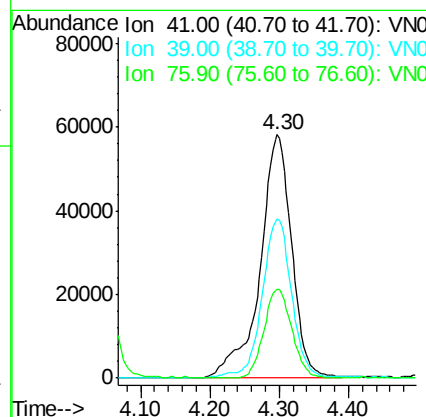
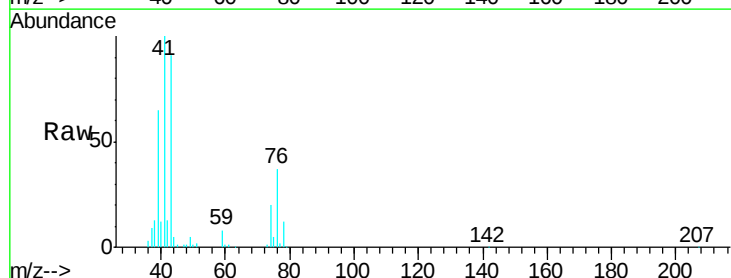
Tgt Ion: 41 Resp: 184589

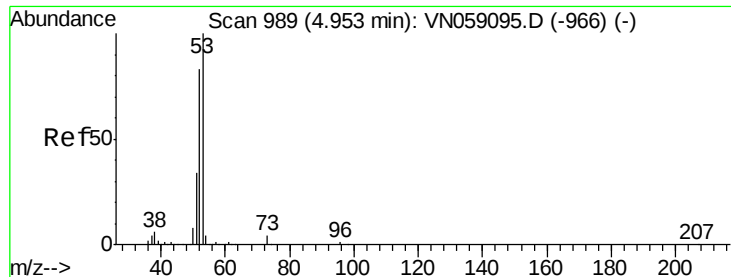
Ion Ratio Lower Upper

41 100

39 60.9 49.1 73.7

76 32.2 24.9 37.3





#15

Acrylonitrile

Concen: 101.862 ug/l

RT: 4.96 min Scan# 990

Delta R.T. 0.00 min

Lab File: VN059102.D

Acq: 6 Nov 2019 13:12

Instrument :

MSVOA_N

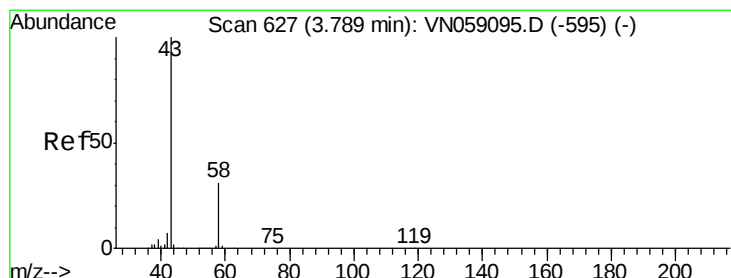
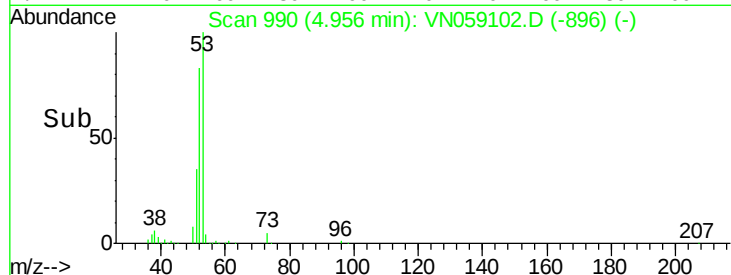
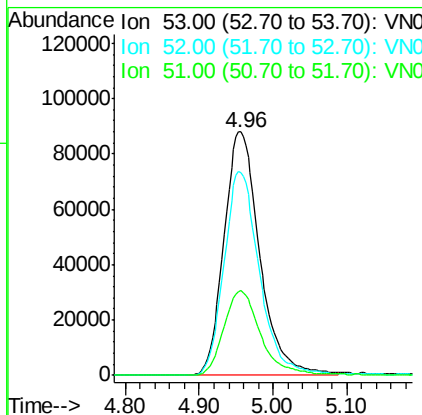
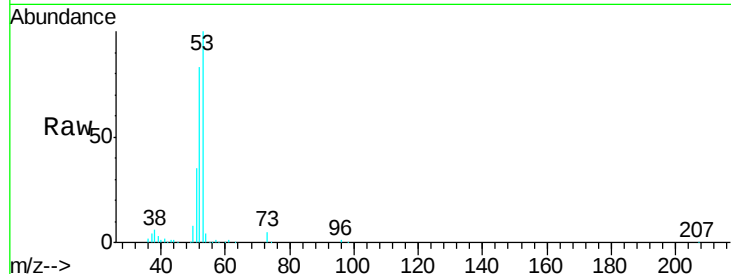
ClientSampleId :

VN1106WBS01

Tgt Ion:	53	Resp:	297843
Ion	Ratio	Lower	Upper
53	100		
52	82.9	65.0	97.6
51	35.5	28.0	42.0

Manual Integrations
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#16

Acetone

Concen: 97.299 ug/l

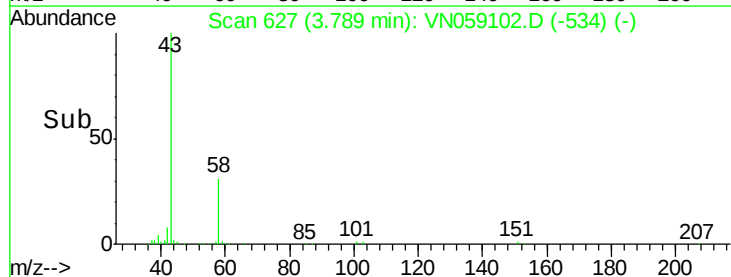
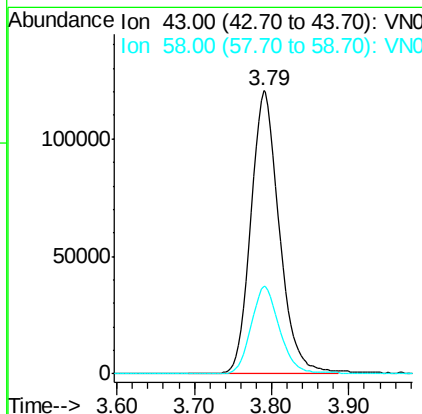
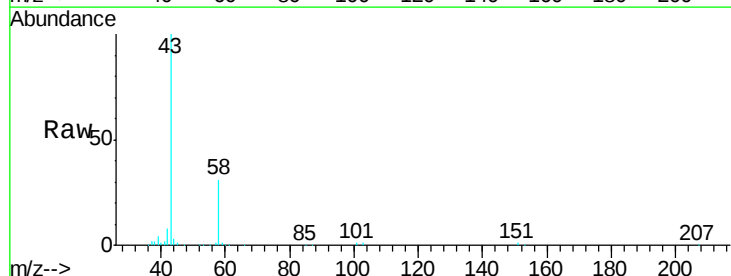
RT: 3.79 min Scan# 627

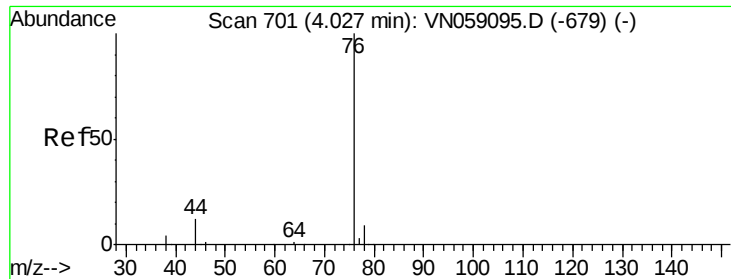
Delta R.T. -0.00 min

Lab File: VN059102.D

Acq: 6 Nov 2019 13:12

Tgt Ion:	43	Resp:	311935
Ion	Ratio	Lower	Upper
43	100		
58	31.1	24.9	37.3





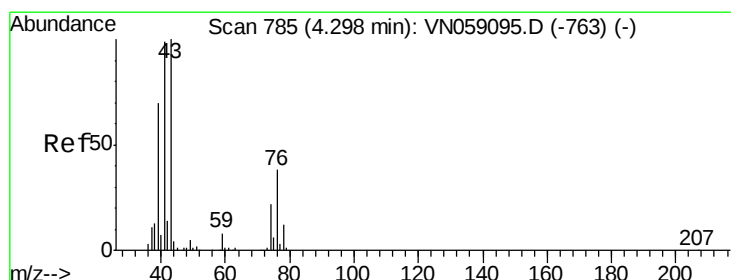
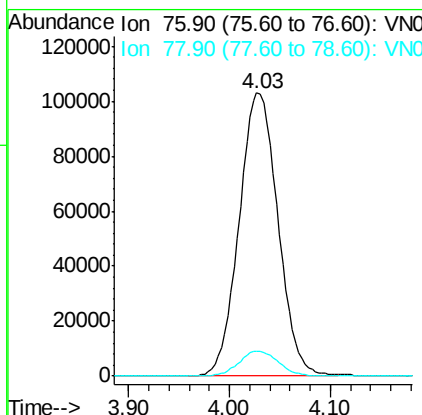
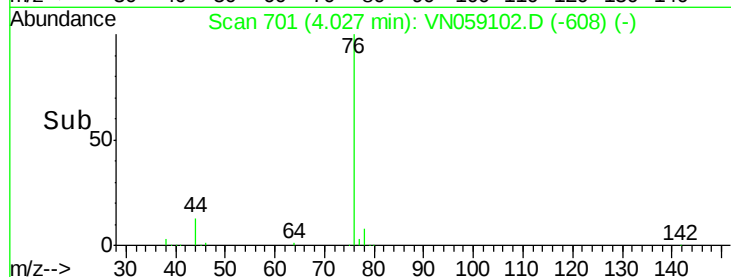
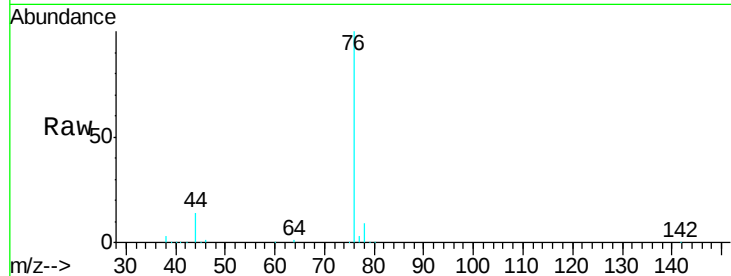
#17
Carbon Disulfide
Concen: 18.948 ug/l
RT: 4.03 min Scan# 701
Delta R.T. -0.00 min
Lab File: VN059102.D
Acq: 6 Nov 2019 13:12

Instrument :
MSVOA_N
ClientSampleId :
VN1106WBS01

Tgt Ion: 76 Resp: 275182
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.0

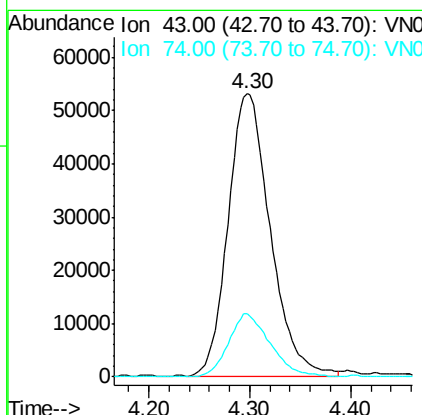
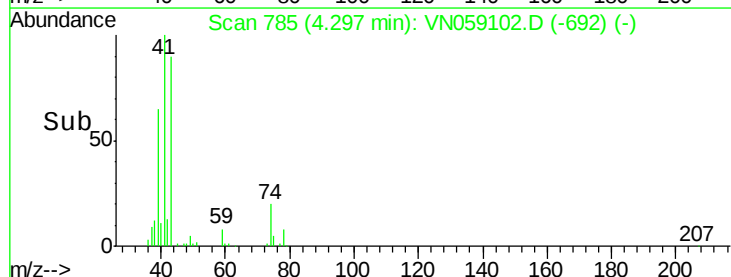
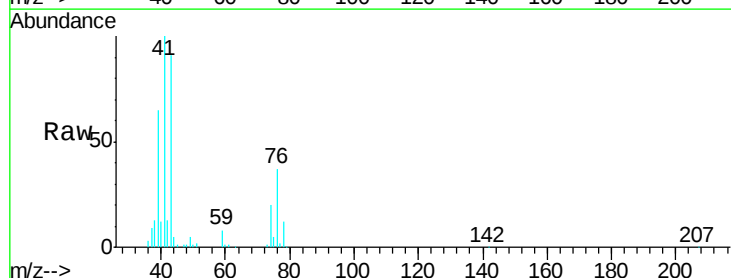
Manual Integrations
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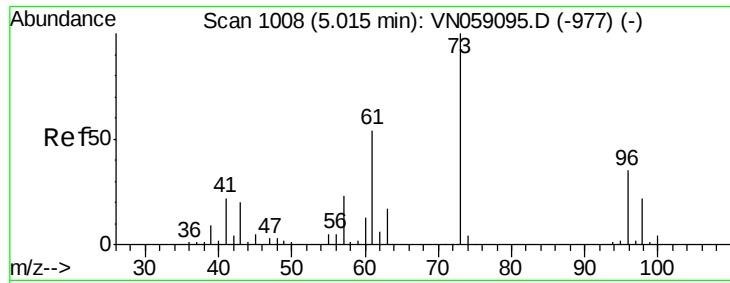
MMDadoda
11/7/2019 9:16:28 AM



#18
Methyl Acetate
Concen: 20.173 ug/l
RT: 4.30 min Scan# 785
Delta R.T. -0.00 min
Lab File: VN059102.D
Acq: 6 Nov 2019 13:12

Tgt Ion: 43 Resp: 153509
Ion Ratio Lower Upper
43 100
74 22.2 17.8 26.8





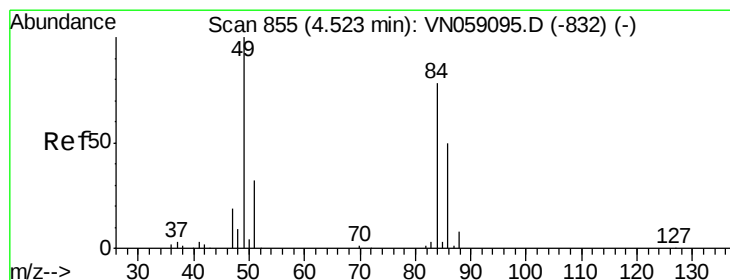
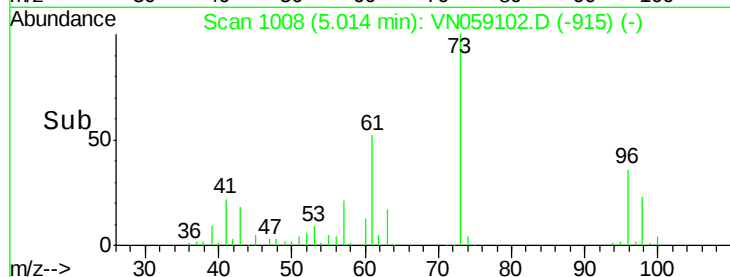
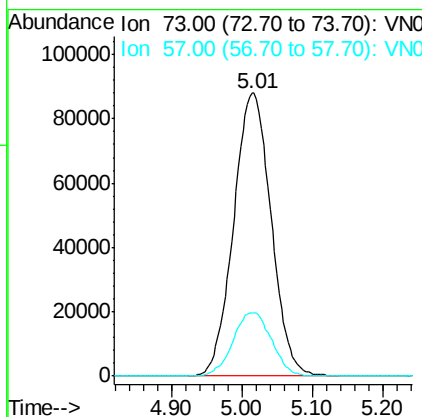
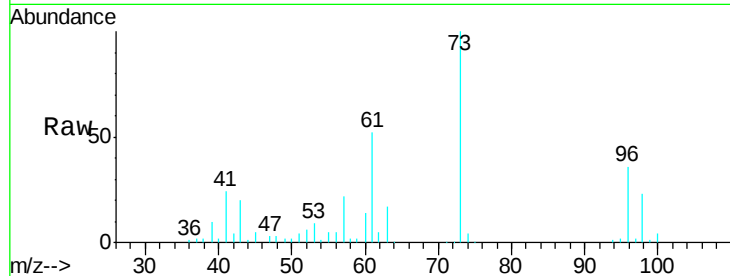
#19
Methyl tert-butyl Ether
Concen: 20.287 ug/l
RT: 5.01 min Scan# 1008
Delta R.T. -0.00 min
Lab File: VN059102.D
Acq: 6 Nov 2019 13:12

Instrument :
MSVOA_N
ClientSampleId :
VN1106WBS01

Tgt Ion: 73 Resp: 326775
Ion Ratio Lower Upper
73 100
57 22.4 18.4 27.6

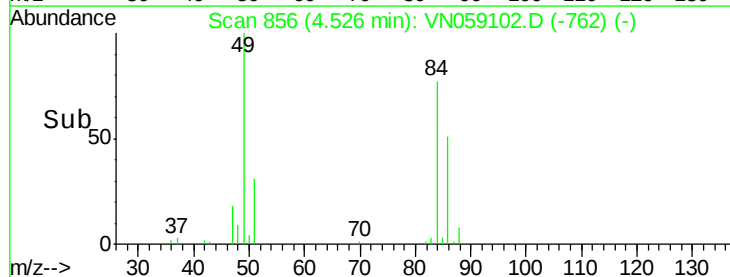
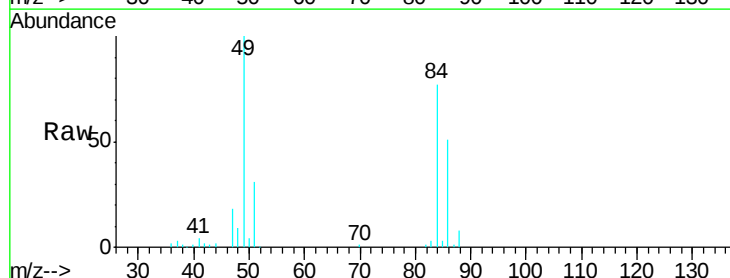
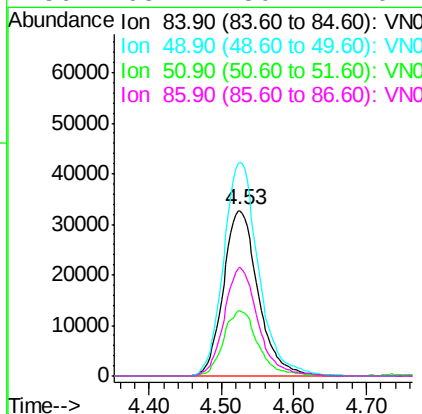
Manual Integrations
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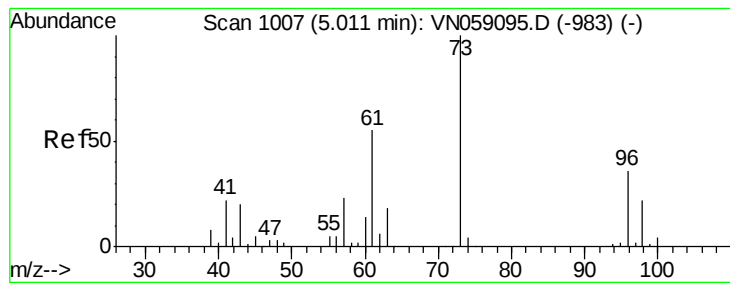
MMDadoda
11/7/2019 9:16:28 AM



#20
Methylene Chloride
Concen: 19.535 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN059102.D
Acq: 6 Nov 2019 13:12

Tgt Ion: 84 Resp: 109108
Ion Ratio Lower Upper
84 100
49 129.2 102.0 153.0
51 39.7 32.2 48.2
86 65.4 50.7 76.1





#21

trans-1,2-Dichloroethene

Concen: 19.619 ug/l

RT: 5.01 min Scan# 1007

Delta R.T. -0.00 min

Lab File: VN059102.D

Acq: 6 Nov 2019 13:12

Instrument :

MSVOA_N

ClientSampleId :

VN1106WBS01

Tgt Ion: 96 Resp: 98526

Ion Ratio Lower Upper

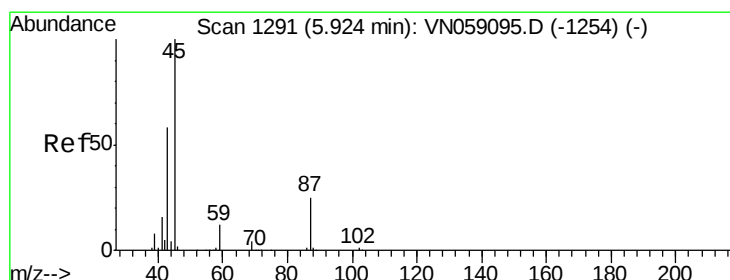
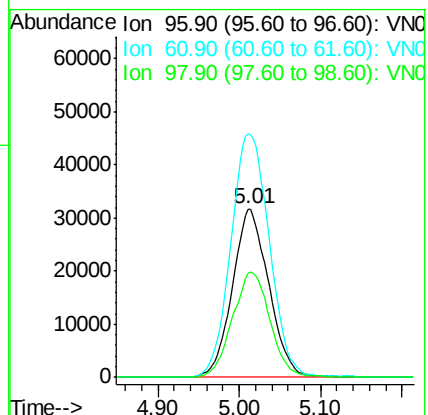
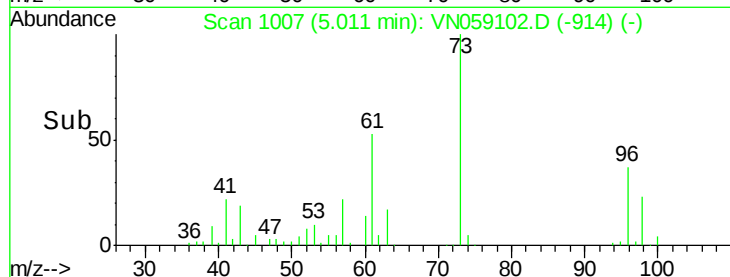
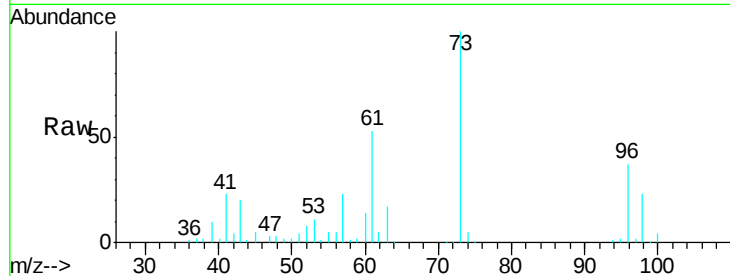
96 100

61 144.5 122.6 183.8

98 61.7 50.3 75.5

Manual Integrations
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11/7/2019 9:16:28 AM



#22

Diisopropyl ether

Concen: 20.266 ug/l

RT: 5.92 min Scan# 1290

Delta R.T. -0.00 min

Lab File: VN059102.D

Acq: 6 Nov 2019 13:12

Tgt Ion: 45 Resp: 367871

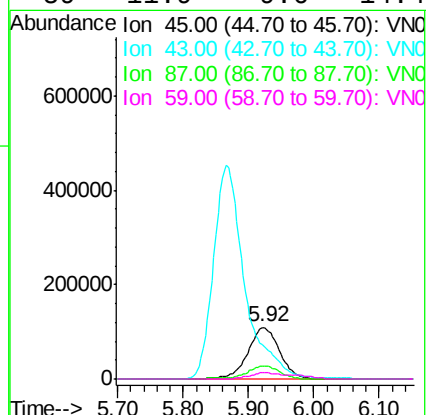
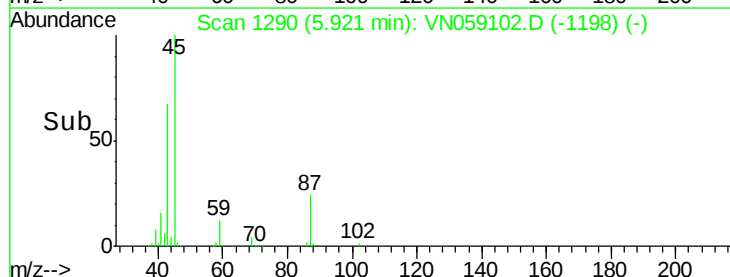
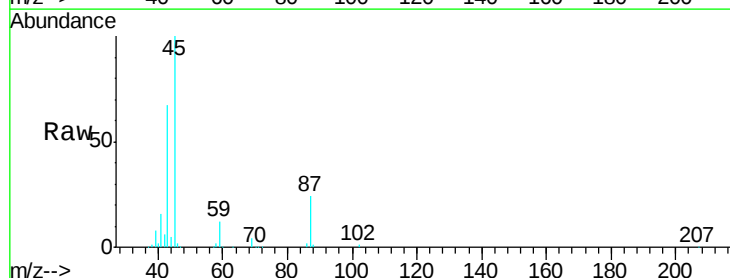
Ion Ratio Lower Upper

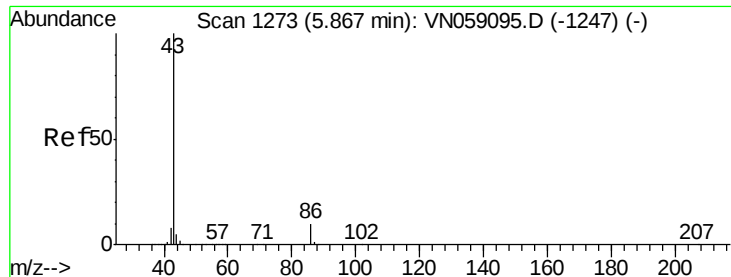
45 100

43 65.3 46.7 70.1

87 24.5 20.5 30.7

59 11.9 9.6 14.4





#23

Vinyl Acetate

Concen: 107.311 ug/l

RT: 5.87 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VN059102.D

Acq: 6 Nov 2019 13:12

Instrument :

MSVOA_N

ClientSampled :

VN1106WBS01

Tgt Ion: 43 Resp: 1509681

Ion Ratio Lower Upper

43 100

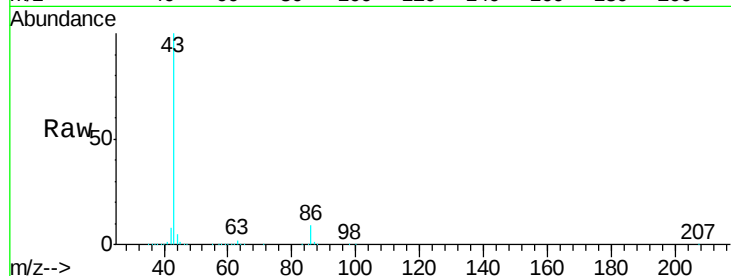
86 9.3 7.7 11.5

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.87

400000

300000

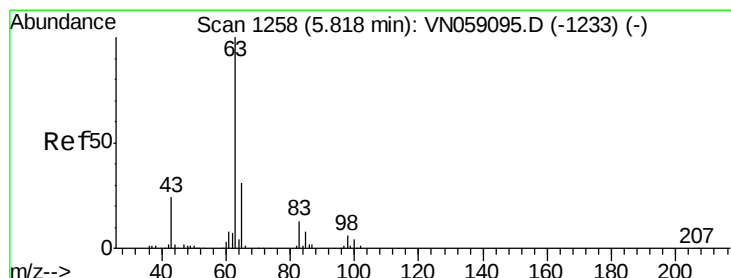
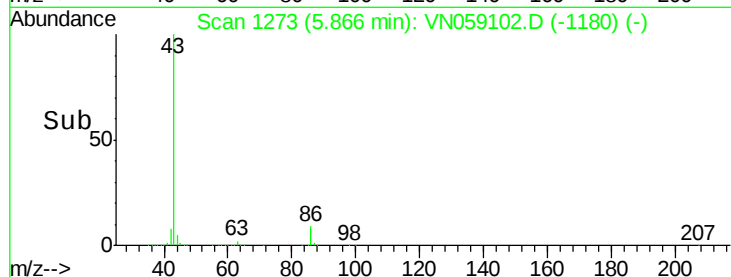
200000

100000

0

5.70 5.80 5.90 6.00 6.10

Time-->



#24

1,1-Dichloroethane

Concen: 19.726 ug/l

RT: 5.82 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VN059102.D

Acq: 6 Nov 2019 13:12

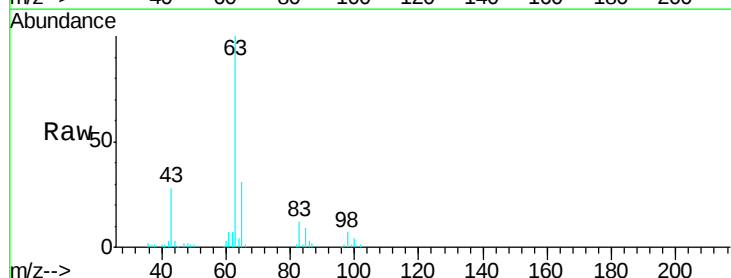
Tgt Ion: 63 Resp: 199994

Ion Ratio Lower Upper

63 100

98 6.6 2.8 8.4

100 3.5 1.9 5.7



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

5.82

80000

60000

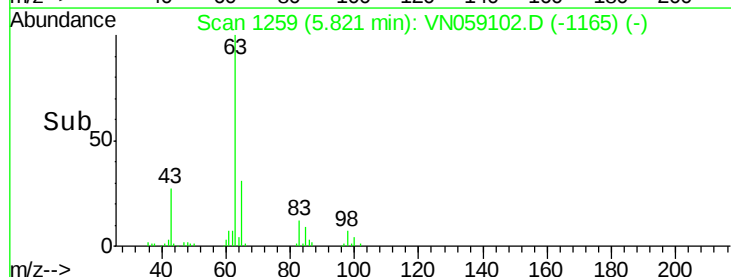
40000

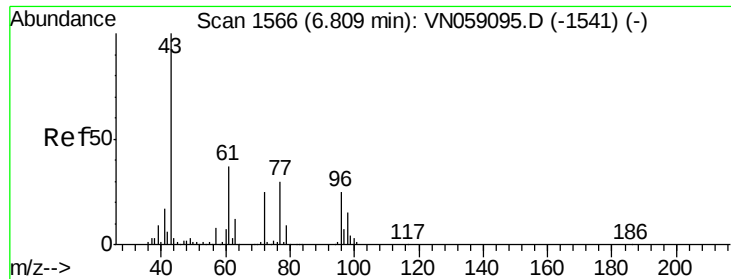
20000

0

5.70 5.80 5.90

Time-->





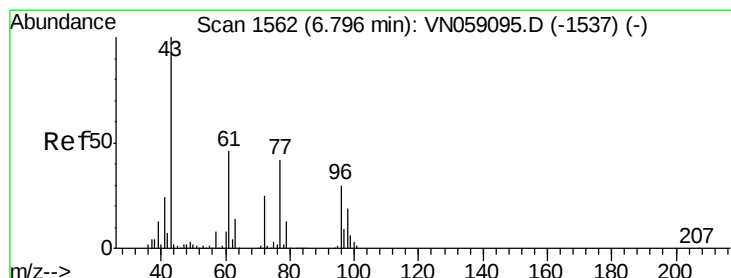
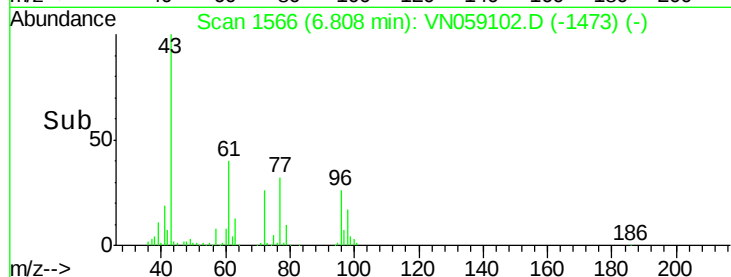
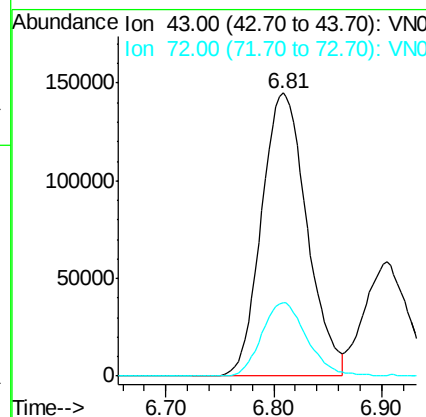
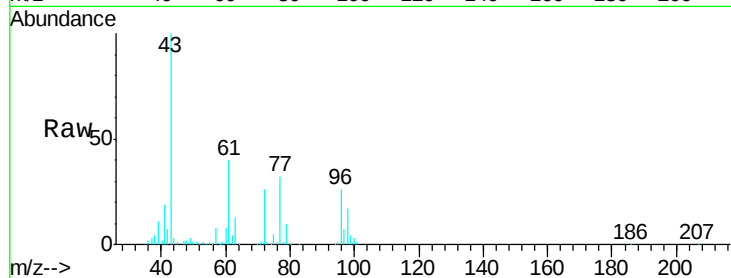
#25
2-Butanone
Concen: 99.729 ug/l
RT: 6.81 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VN059102.D
Acq: 6 Nov 2019 13:12

Instrument :
MSVOA_N
ClientSampleId :
VN1106WBS01

Tgt Ion: 43 Resp: 421381
Ion Ratio Lower Upper
43 100
72 26.2 20.3 30.5

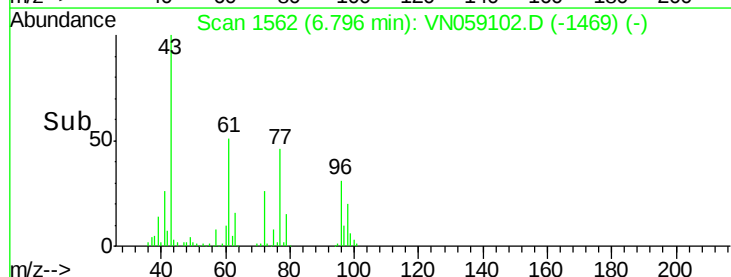
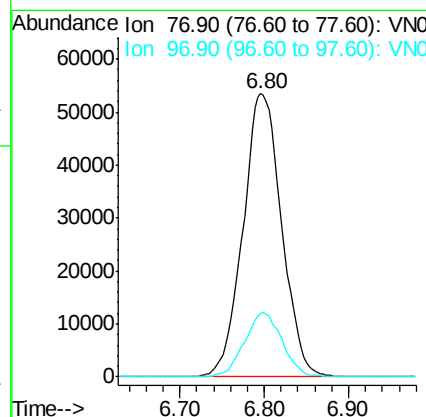
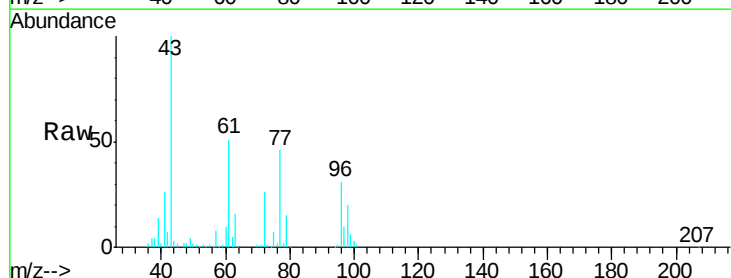
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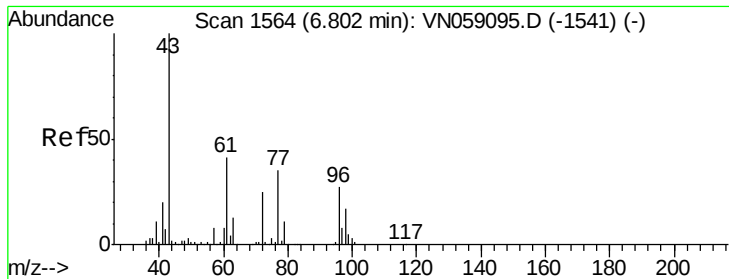
MMDadoda
11/7/2019 9:16:28 AM



#26
2,2-Dichloropropane
Concen: 19.182 ug/l
RT: 6.80 min Scan# 1562
Delta R.T. -0.00 min
Lab File: VN059102.D
Acq: 6 Nov 2019 13:12

Tgt Ion: 77 Resp: 170050
Ion Ratio Lower Upper
77 100
97 22.0 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 19.760 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VN059102.D

Acq: 6 Nov 2019 13:12

Instrument :

MSVOA_N

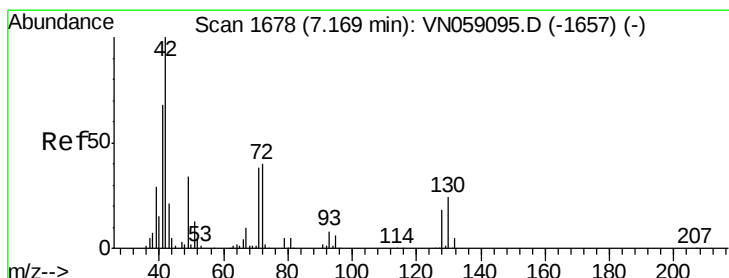
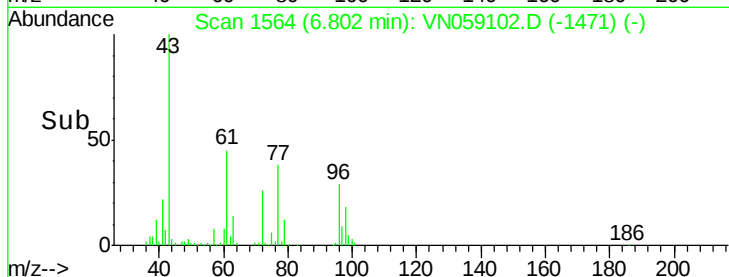
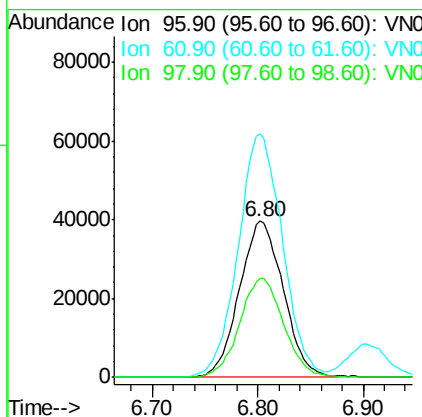
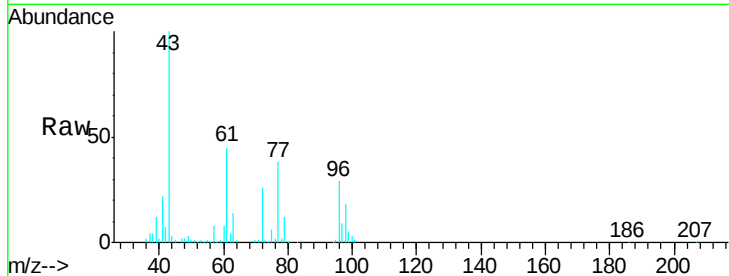
ClientSampleId :

VN1106WBS01

Tgt Ion:	96	Resp:	115123
Ion	Ratio	Lower	Upper
96	100		
61	156.8	0.0	311.6
98	63.5	0.0	129.8

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#28

Bromochloromethane

Concen: 20.073 ug/l

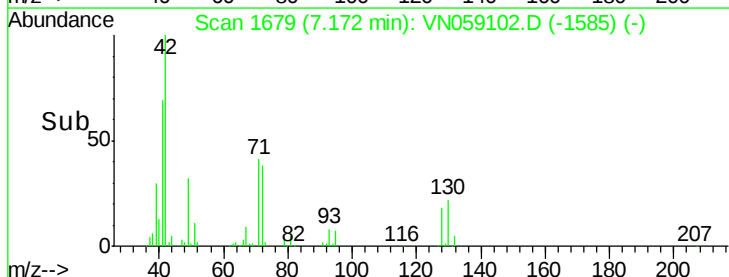
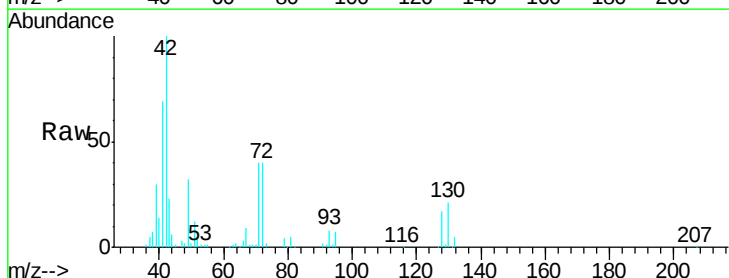
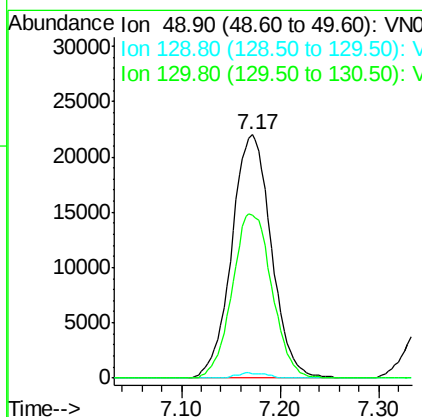
RT: 7.17 min Scan# 1679

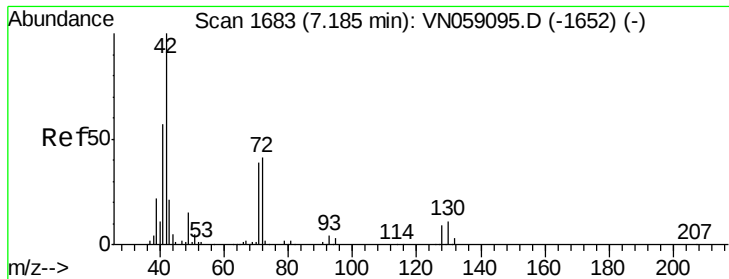
Delta R.T. 0.00 min

Lab File: VN059102.D

Acq: 6 Nov 2019 13:12

Tgt Ion:	49	Resp:	61226
Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	3.8
130	67.6	55.6	83.4





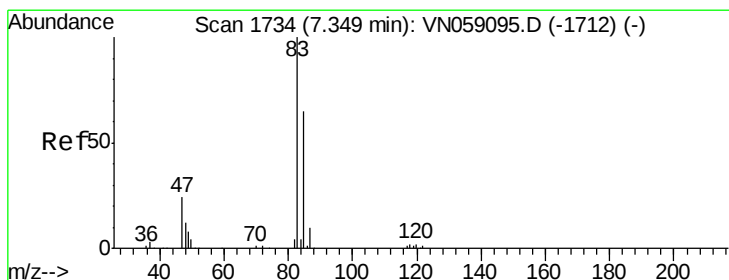
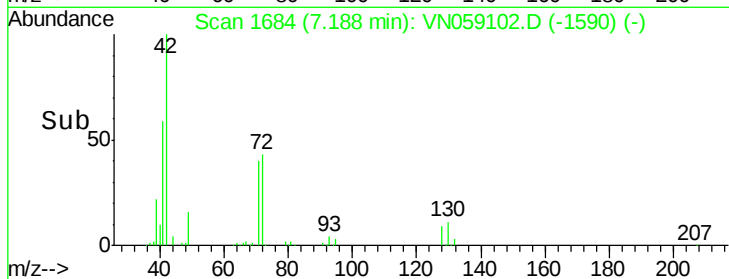
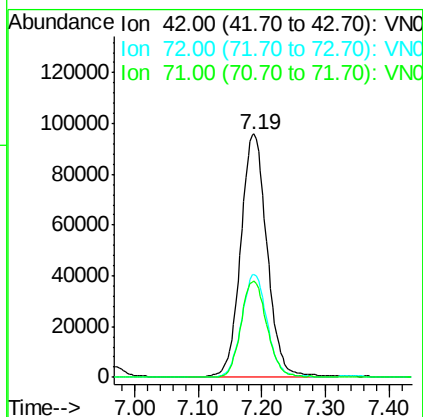
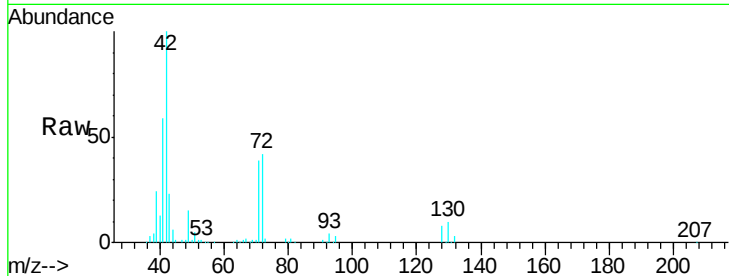
#29
Tetrahydrofuran
Concen: 102.991 ug/l
RT: 7.19 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VN059102.D
Acq: 6 Nov 2019 13:12

Instrument :
MSVOA_N
ClientSampleId :
VN1106WBS01

Tgt Ion	Ratio	Lower	Upper
42	100		
72	41.2	33.1	49.7
71	38.7	30.9	46.3

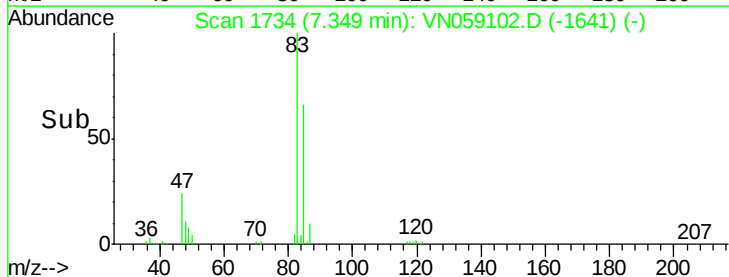
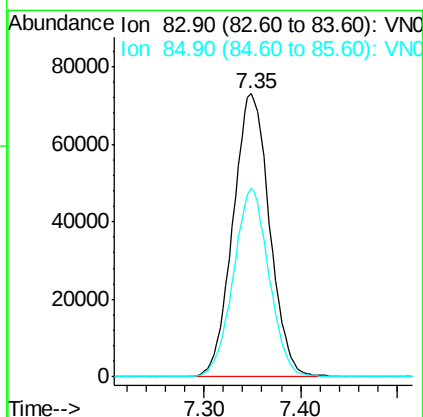
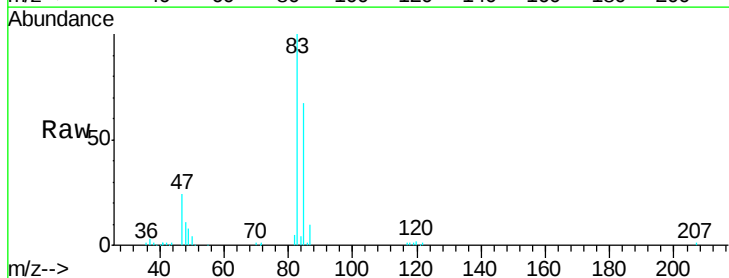
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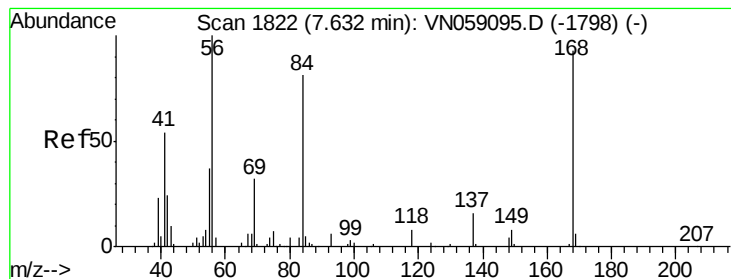
MMDadoda
11/7/2019 9:16:28 AM



#30
Chloroform
Concen: 19.753 ug/l
RT: 7.35 min Scan# 1734
Delta R.T. -0.00 min
Lab File: VN059102.D
Acq: 6 Nov 2019 13:12

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.7	51.8	77.8





#31

Cyclohexane

Concen: 19.469 ug/l

RT: 7.63 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VN059102.D

Acq: 6 Nov 2019 13:12

Instrument :

MSVOA_N

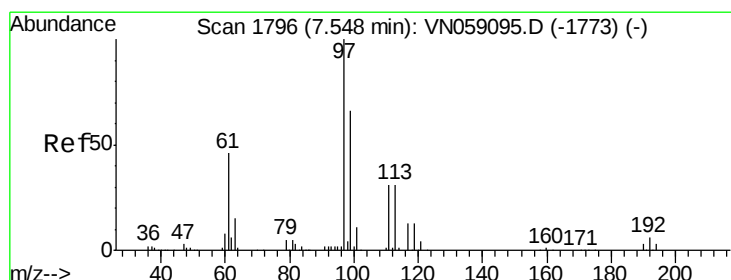
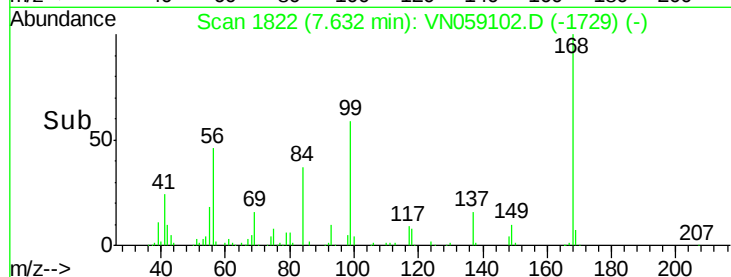
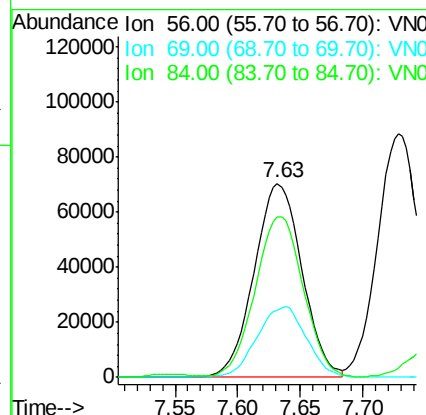
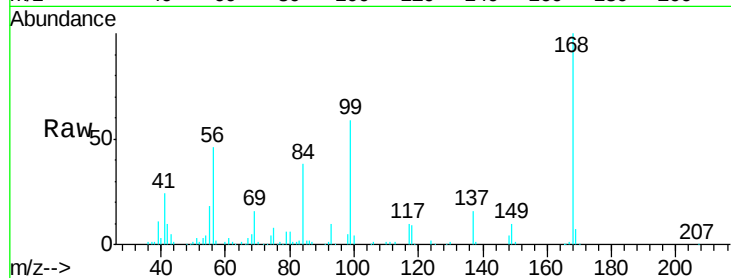
ClientSampled :

VN1106WBS01

Tgt Ion:	56	Resp:	186860
Ion Ratio	Lower	Upper	
56	100		
69	34.8	25.8	38.8
84	81.5	65.0	97.4

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 20.024 ug/l

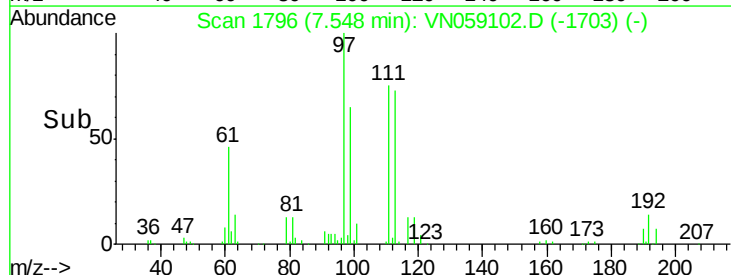
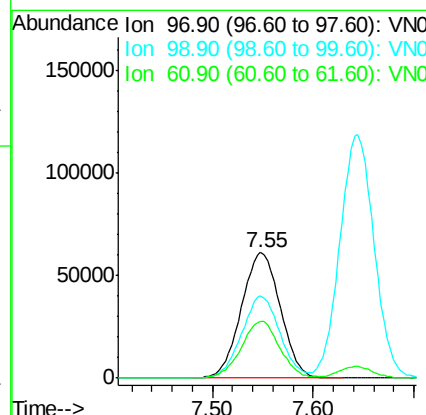
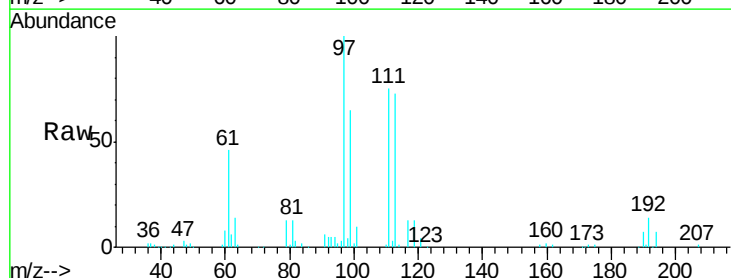
RT: 7.55 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VN059102.D

Acq: 6 Nov 2019 13:12

Tgt Ion:	97	Resp:	163731
Ion Ratio	Lower	Upper	
97	100		
99	64.3	51.0	76.6
61	44.7	35.8	53.8





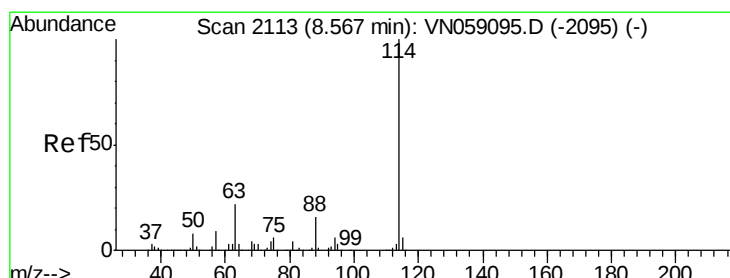
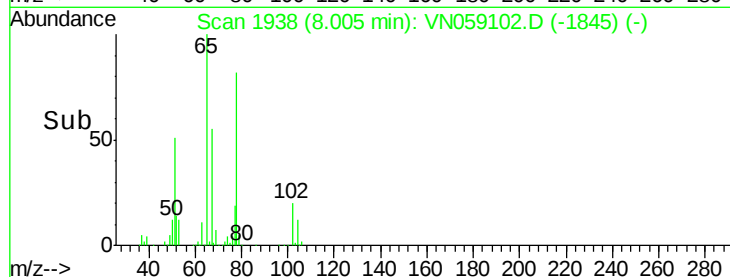
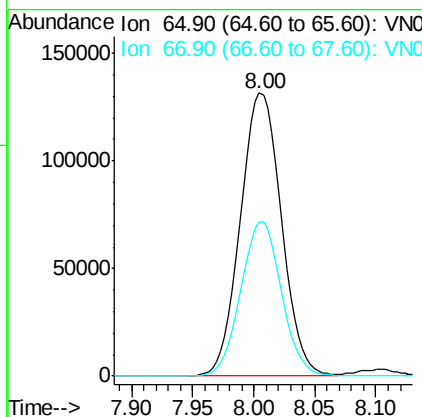
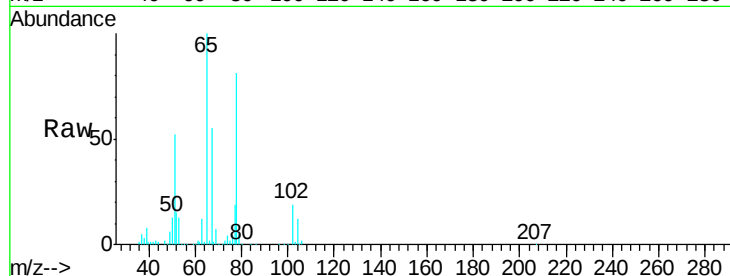
#33
 1,2-Dichloroethane-d4
 Concen: 49.791 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VN059102.D
 Acq: 6 Nov 2019 13:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1106WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	306963		
67	53.9	0.0	107.4	

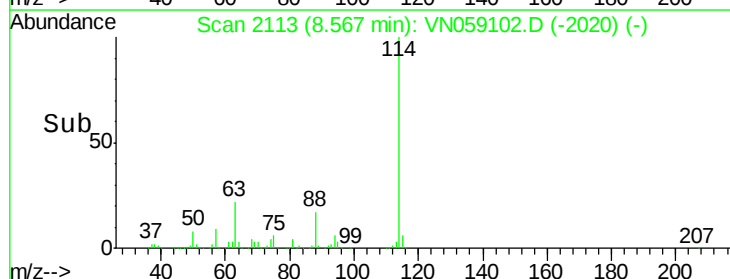
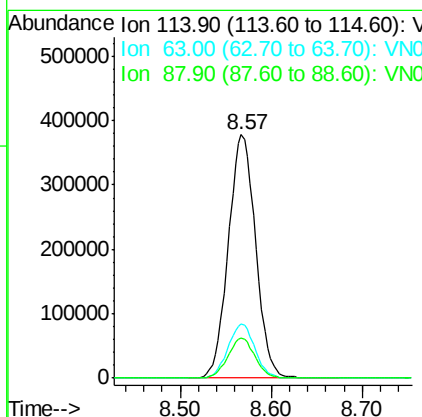
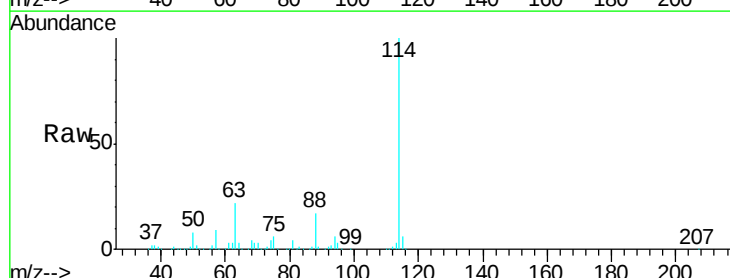
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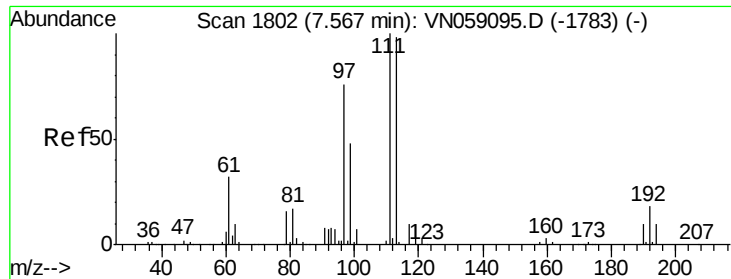
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN059102.D
 Acq: 6 Nov 2019 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	786472		
63	22.2	0.0	43.4	
88	16.5	0.0	32.2	





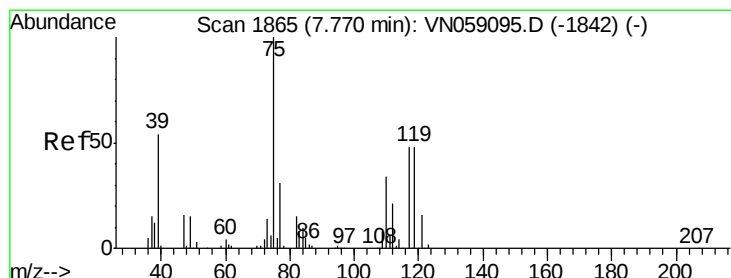
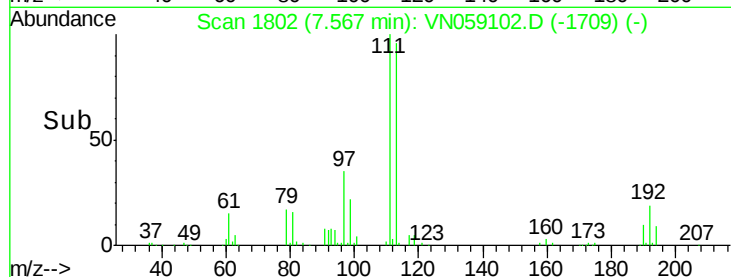
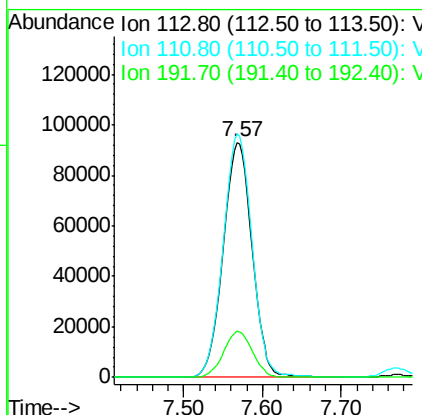
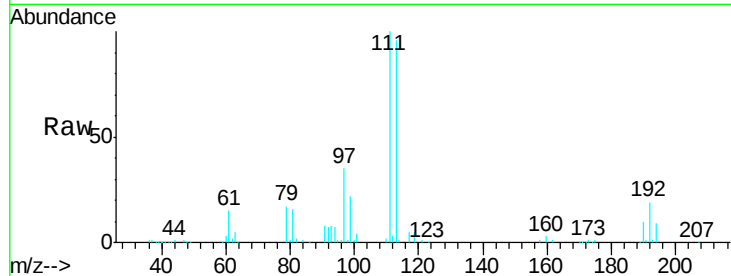
#35
 Dibromofluoromethane
 Concen: 50.217 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VN059102.D
 Acq: 6 Nov 2019 13:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1106WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	235819		
111	103.4	82.8	124.2	
192	19.6	16.1	24.1	

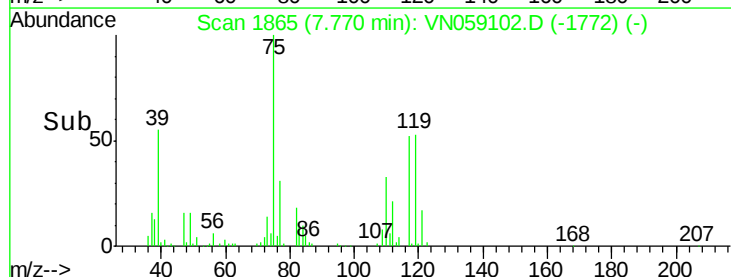
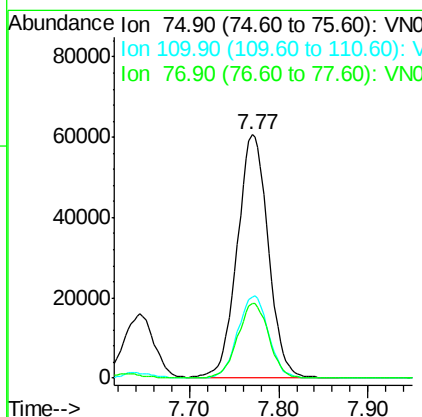
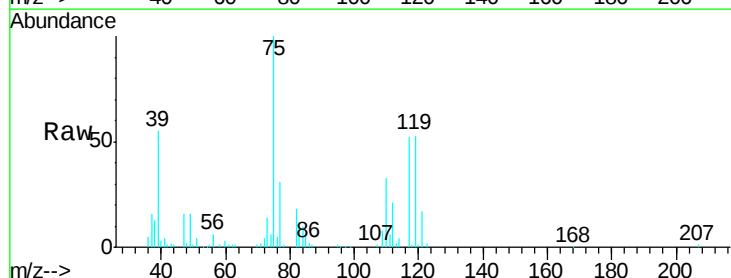
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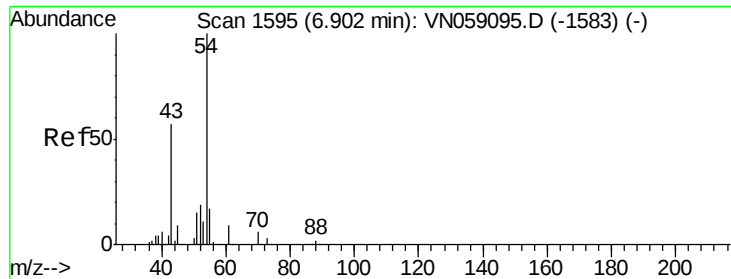
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 11/7/2019 9:16:28 AM



#36
 1,1-Dichloropropene
 Concen: 20.002 ug/l
 RT: 7.77 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VN059102.D
 Acq: 6 Nov 2019 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	147042		
110	33.2	17.1	51.2	
77	30.9	24.8	37.2	





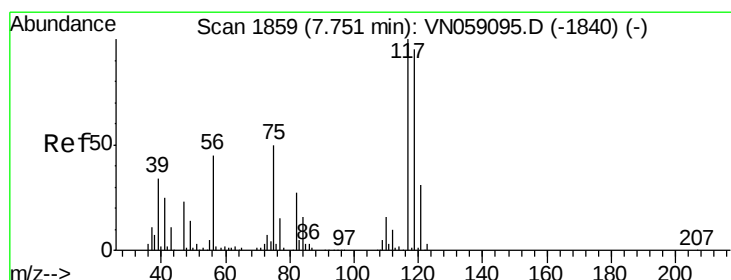
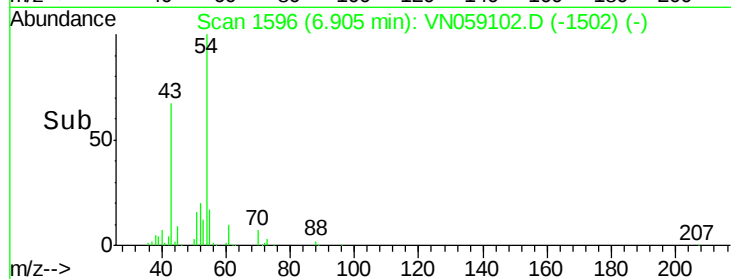
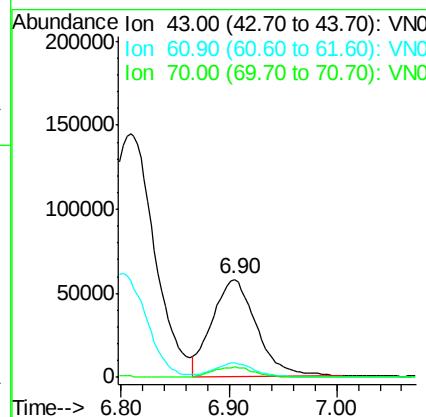
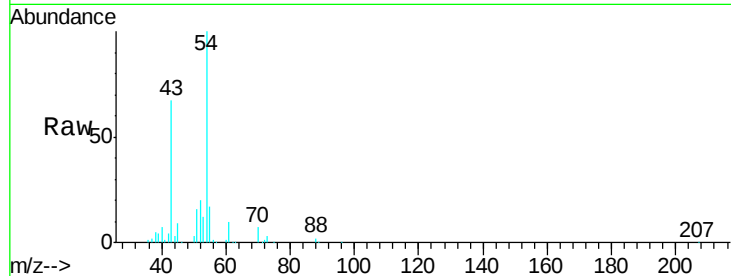
#37
Ethyl Acetate
Concen: 20.040 ug/l
RT: 6.90 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VN059102.D
Acq: 6 Nov 2019 13:12

Instrument :
MSVOA_N
ClientSampleId :
VN1106WBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.5	11.2	16.8
70	10.2	7.8	11.8

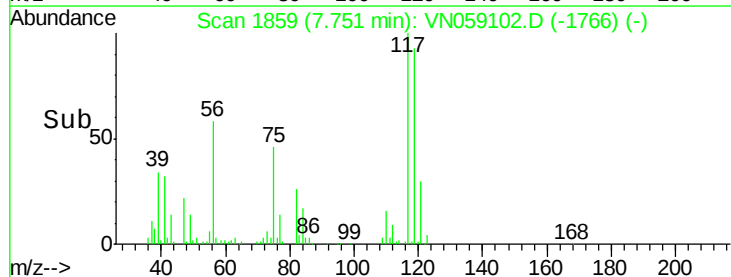
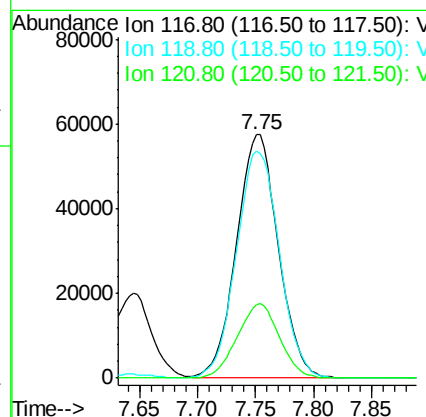
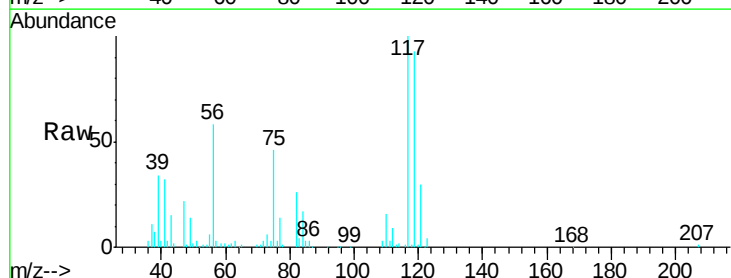
Manual Integrations
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#38
Carbon Tetrachloride
Concen: 19.752 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VN059102.D
Acq: 6 Nov 2019 13:12

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.3	75.6	113.4
121	30.3	24.6	36.8





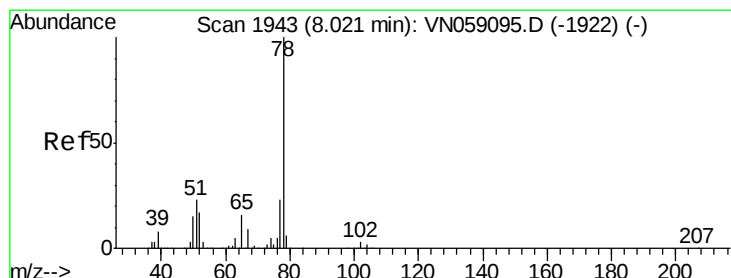
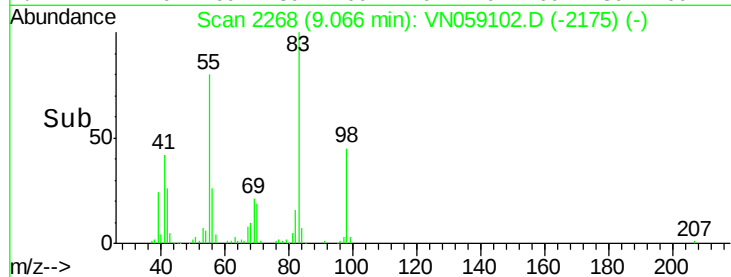
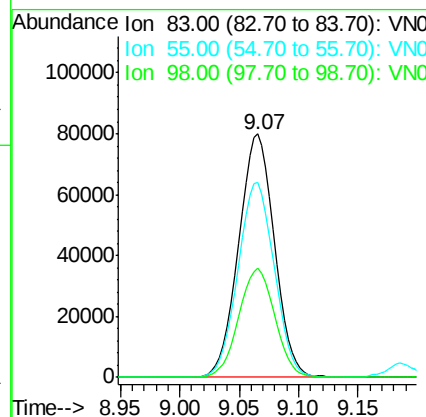
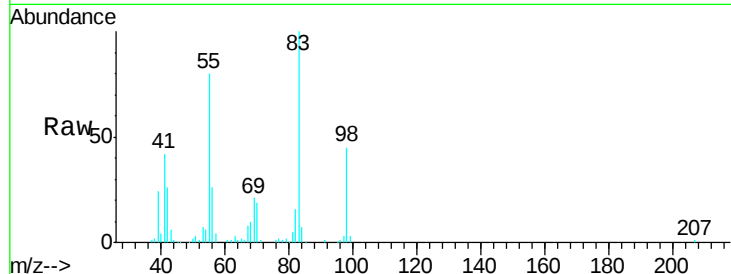
#39
Methylcyclohexane
Concen: 19.534 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. -0.00 min
Lab File: VN059102.D
Acq: 6 Nov 2019 13:12

Instrument :
MSVOA_N
ClientSampled :
VN1106WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	166657		
55	80.1	63.9	95.9	
98	44.6	35.6	53.4	

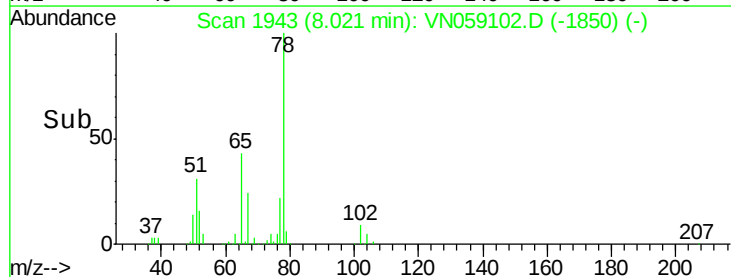
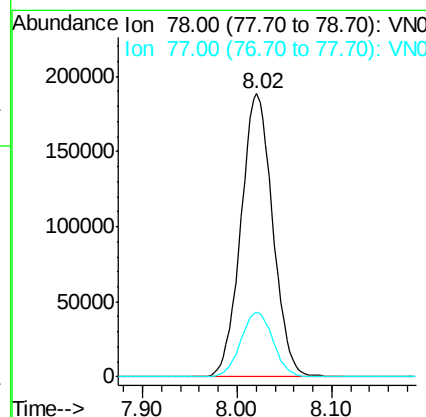
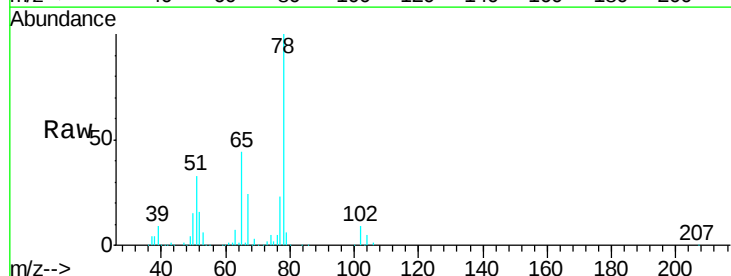
Manual Integrations
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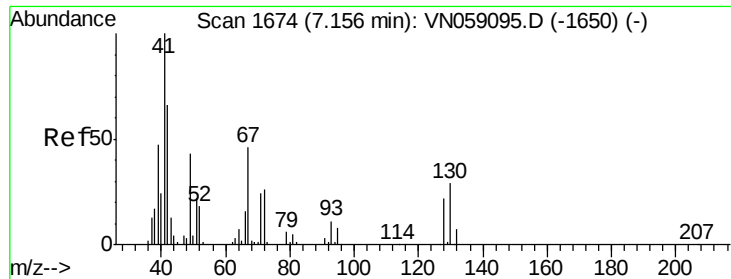
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#40
Benzene
Concen: 19.925 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN059102.D
Acq: 6 Nov 2019 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	441091		
77	22.6	18.8	28.2	





#41

Methacrylonitrile

Concen: 16.668 ug/l m

RT: 7.15 min Scan# 1671

Delta R.T. -0.01 min

Lab File: VN059102.D

Acq: 6 Nov 2019 13:12

Instrument :

MSVOA_N

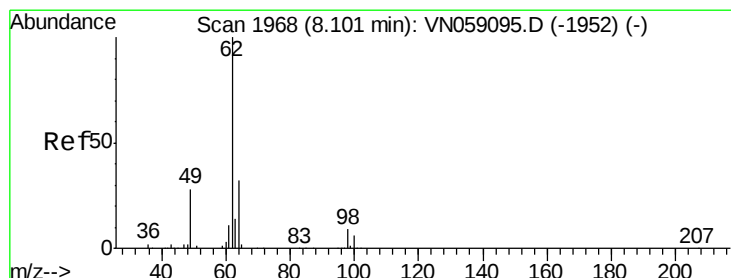
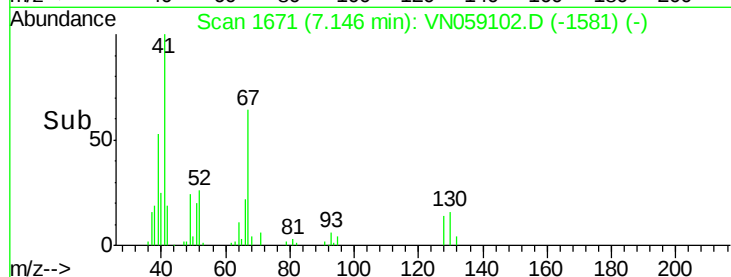
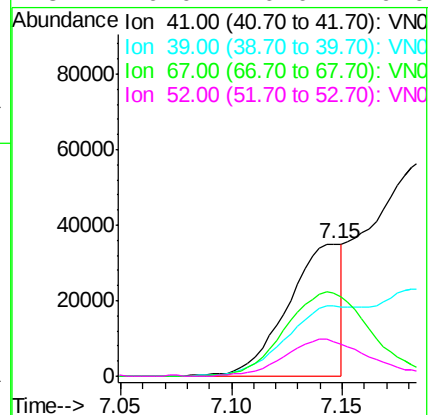
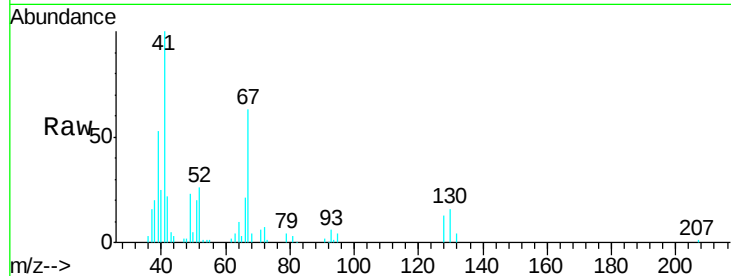
ClientSampleId :

VN1106WBS01

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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#42

1,2-Dichloroethane

Concen: 20.415 ug/l

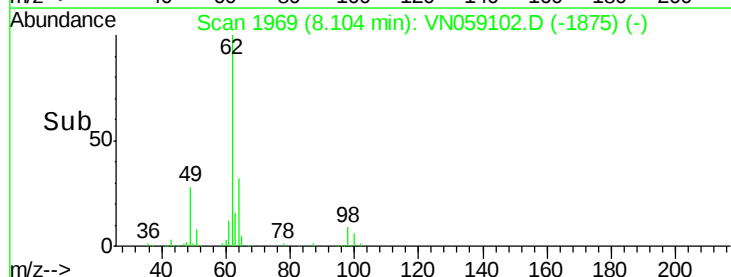
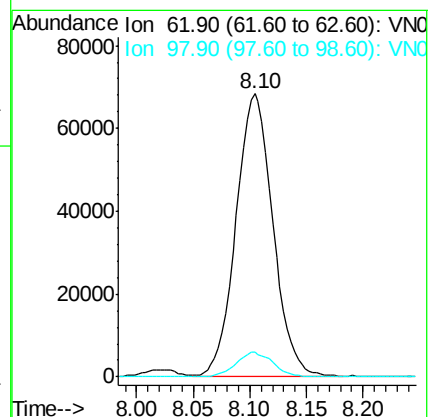
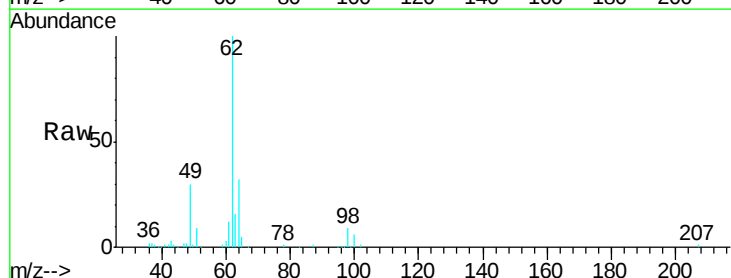
RT: 8.10 min Scan# 1969

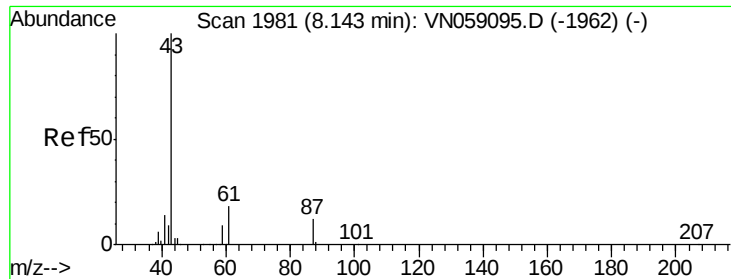
Delta R.T. 0.00 min

Lab File: VN059102.D

Acq: 6 Nov 2019 13:12

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.8





#43

Isopropyl Acetate

Concen: 19.645 ug/l

RT: 8.14 min Scan# 1981

Delta R.T. -0.00 min

Lab File: VN059102.D

Acq: 6 Nov 2019 13:12

Instrument :

MSVOA_N

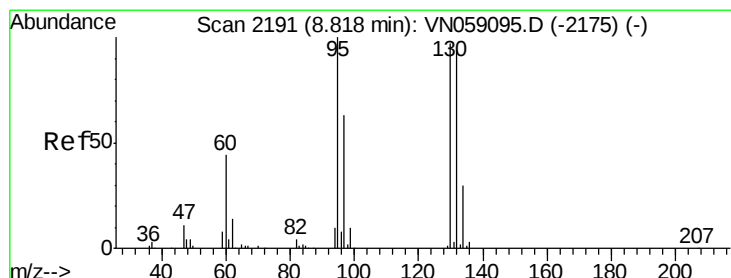
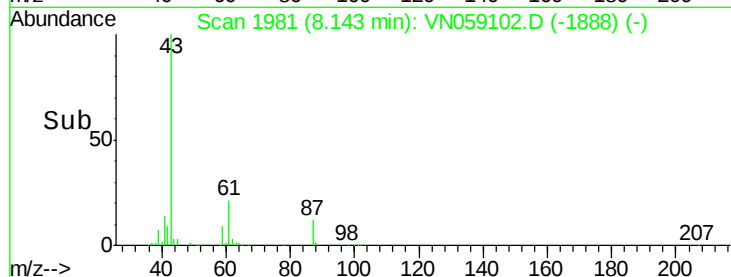
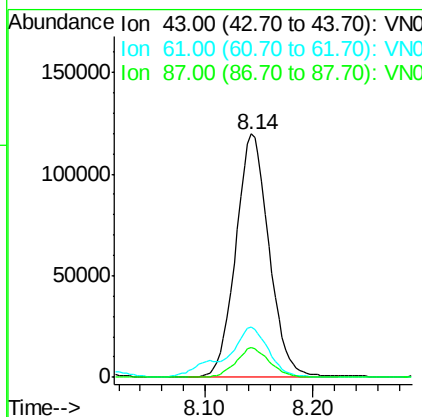
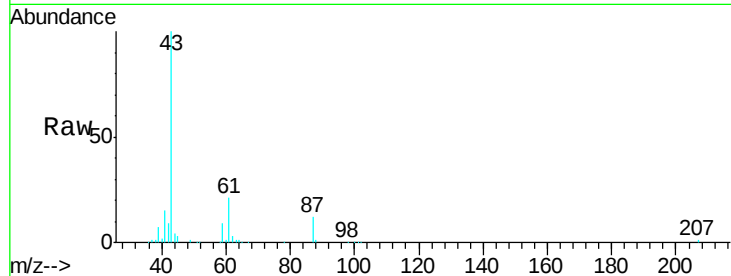
ClientSampleId :

VN1106WBS01

Tgt Ion:	43	Resp:	256127
Ion	Ratio	Lower	Upper
43	100		
61	21.3	21.0	31.6
87	12.2	9.8	14.6

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#44

Trichloroethene

Concen: 19.656 ug/l

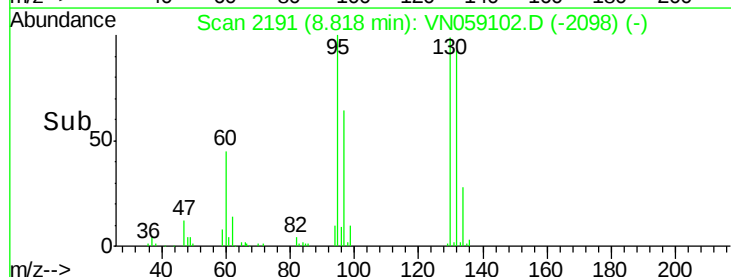
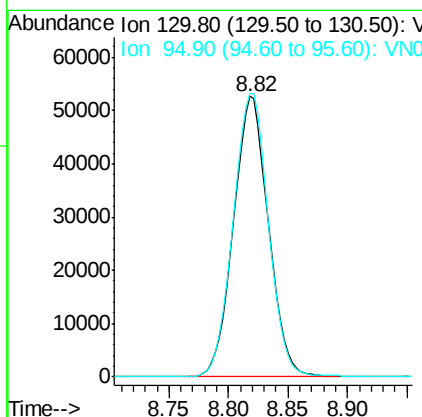
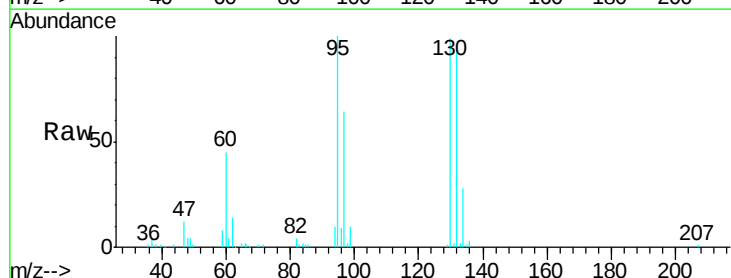
RT: 8.82 min Scan# 2191

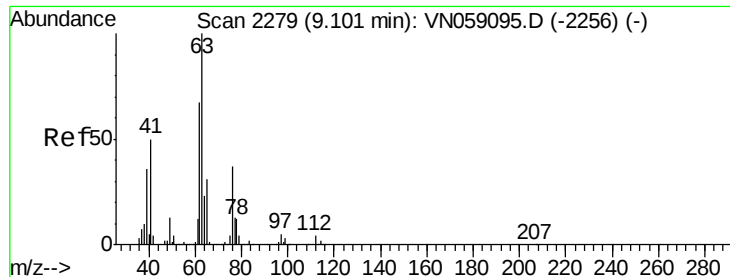
Delta R.T. -0.00 min

Lab File: VN059102.D

Acq: 6 Nov 2019 13:12

Tgt Ion:	130	Resp:	106959
Ion	Ratio	Lower	Upper
130	100		
95	100.9	0.0	206.4





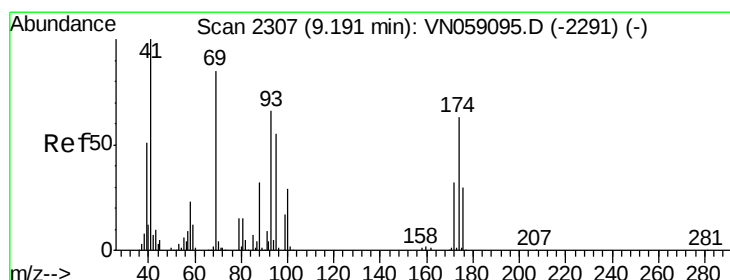
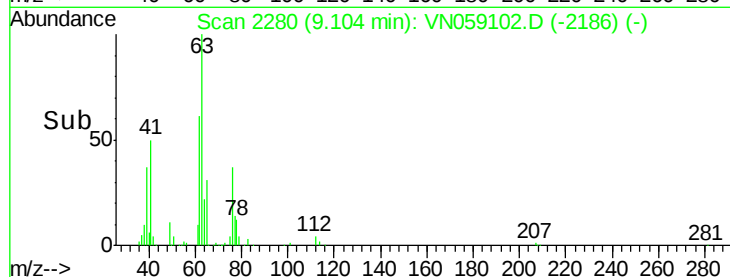
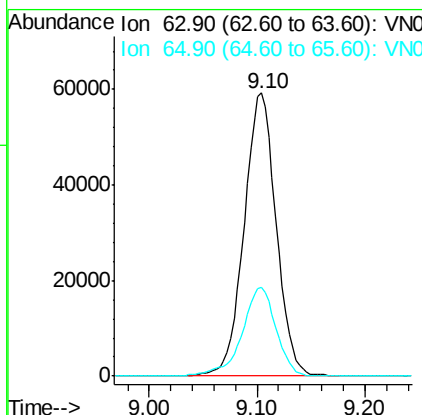
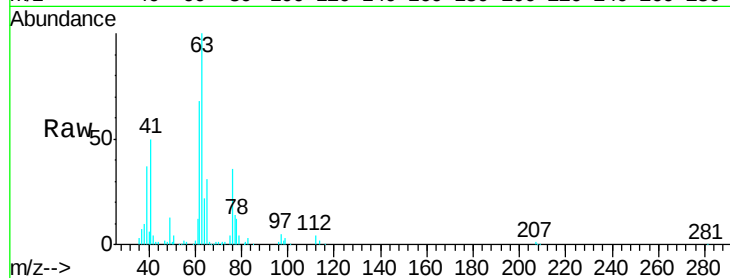
#45
 1,2-Dichloropropane
 Concen: 20.301 ug/l
 RT: 9.10 min Scan# 2280
 Delta R.T. 0.00 min
 Lab File: VN059102.D
 Acq: 6 Nov 2019 13:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1106WBS01

Tgt Ion: 63 Resp: 122065
 Ion Ratio Lower Upper
 63 100
 65 31.3 24.6 37.0

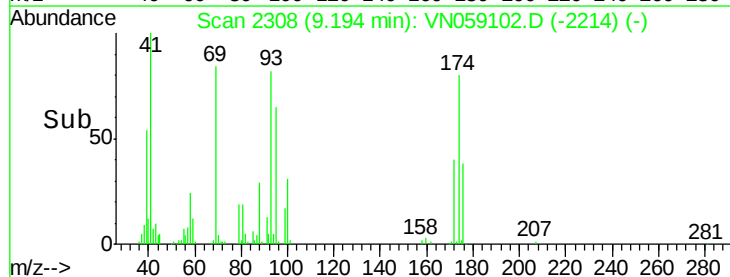
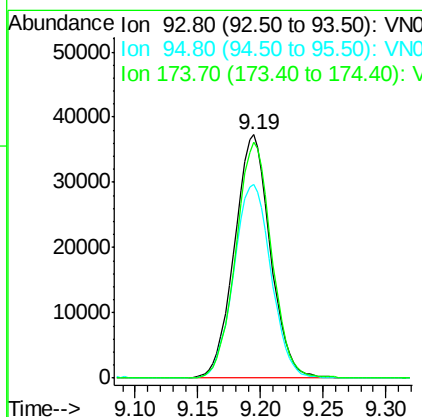
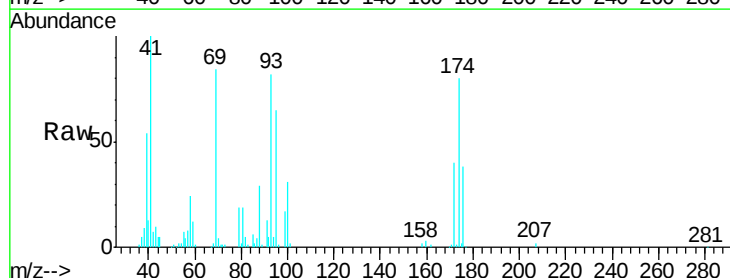
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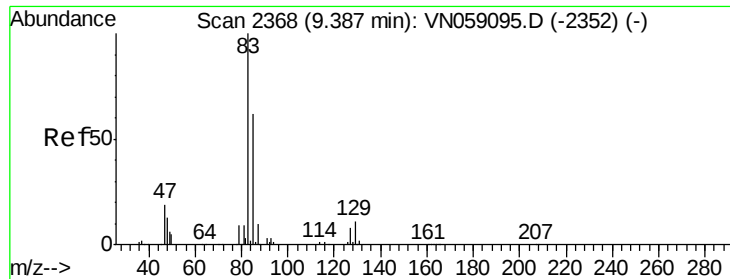
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 11/7/2019 9:16:28 AM



#46
 Dibromomethane
 Concen: 19.820 ug/l
 RT: 9.19 min Scan# 2308
 Delta R.T. 0.00 min
 Lab File: VN059102.D
 Acq: 6 Nov 2019 13:12

Tgt Ion: 93 Resp: 74262
 Ion Ratio Lower Upper
 93 100
 95 82.6 66.6 100.0
 174 96.6 78.2 117.2





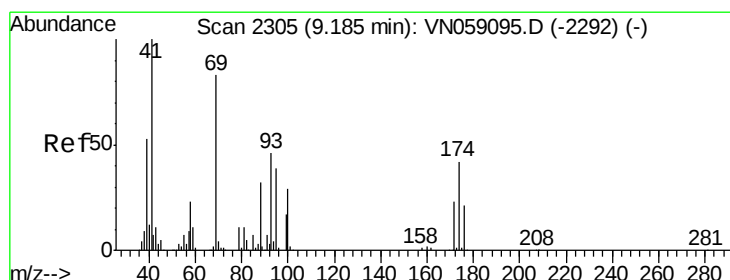
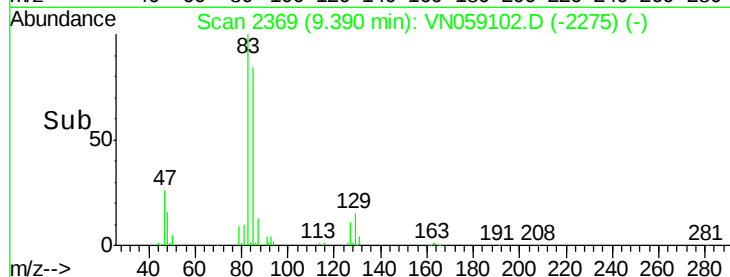
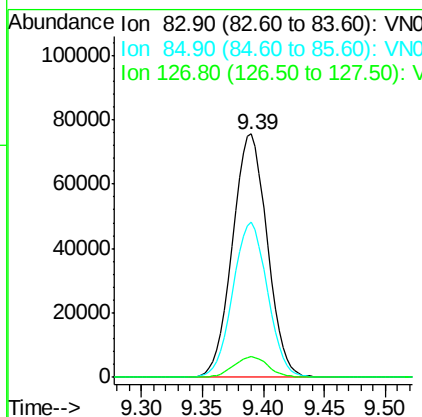
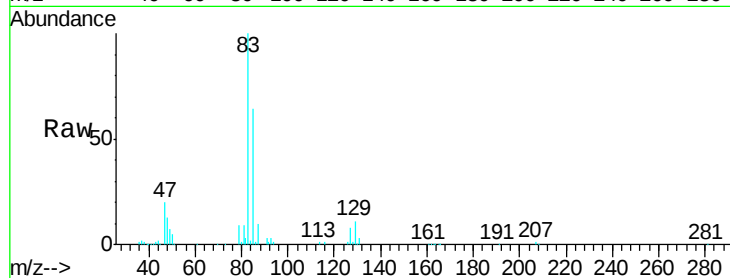
#47
Bromodichloromethane
Concen: 20.008 ug/l
RT: 9.39 min Scan# 2369
Delta R.T. 0.00 min
Lab File: VN059102.D
Acq: 6 Nov 2019 13:12

Instrument :
MSVOA_N
ClientSampleId :
VN1106WBS01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.7	49.7	74.5
127	8.5	6.4	9.6

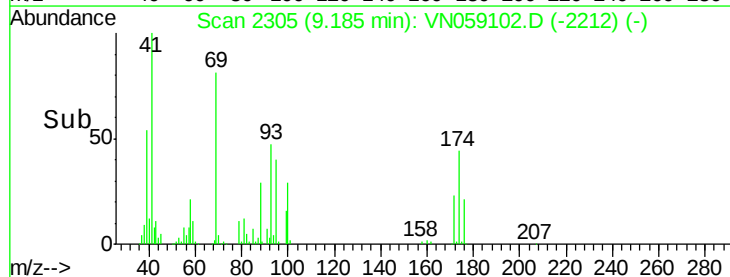
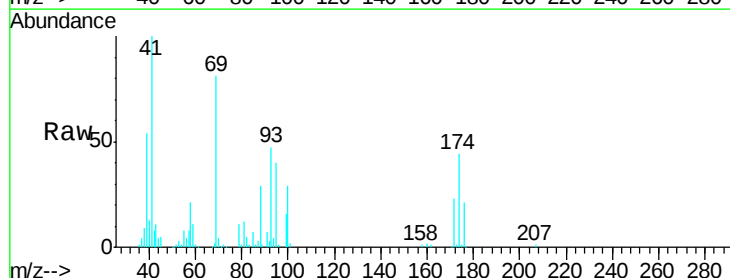
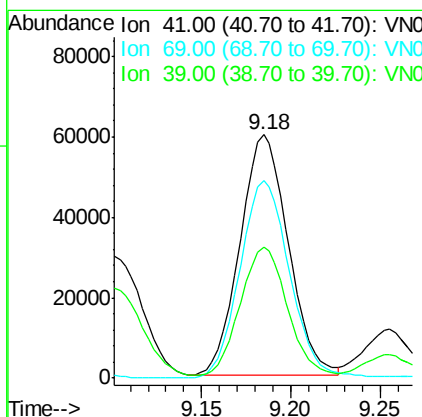
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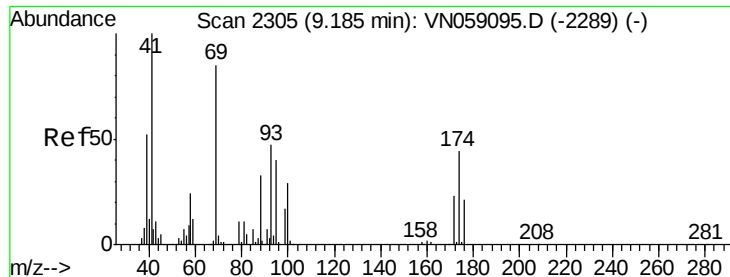
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11/7/2019 9:16:28 AM



#48
Methyl methacrylate
Concen: 19.390 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. -0.00 min
Lab File: VN059102.D
Acq: 6 Nov 2019 13:12

Tgt Ion	Ratio	Lower	Upper
41	100		
69	84.8	67.3	100.9
39	53.4	43.3	64.9





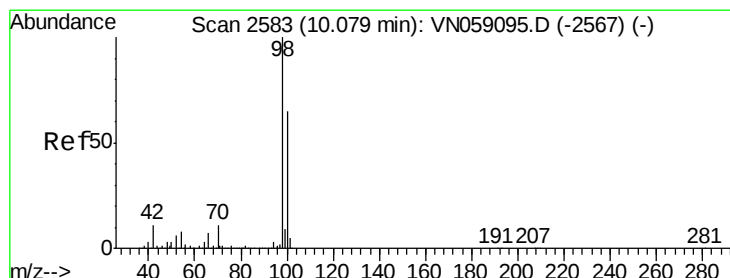
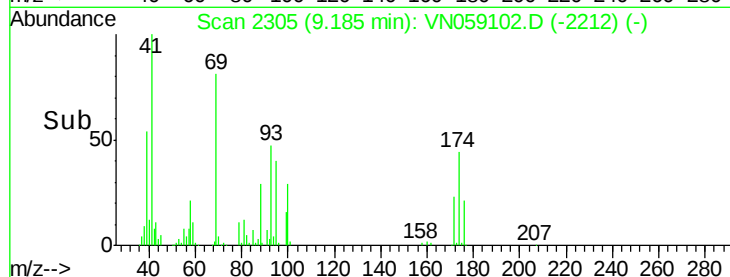
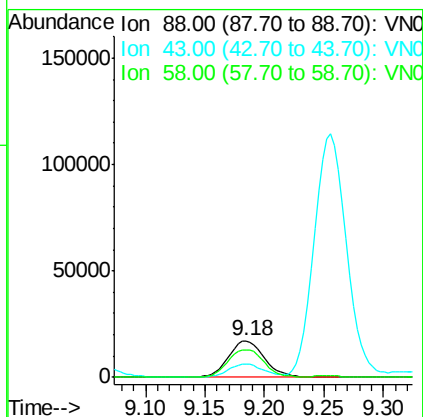
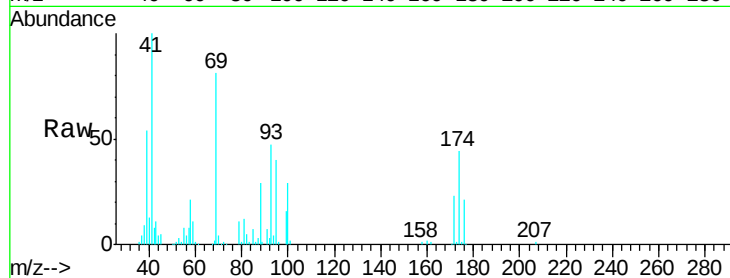
#49
1,4-Dioxane
Concen: 350.321 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. -0.00 min
Lab File: VN059102.D
Acq: 6 Nov 2019 13:12

Instrument :
MSVOA_N
ClientSampleId :
VN1106WBS01

Tgt Ion	Ratio	Lower	Upper
88	100		
43	36.8	26.3	39.5
58	76.7	60.6	90.8

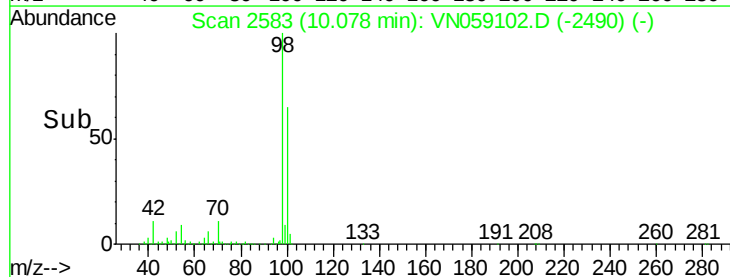
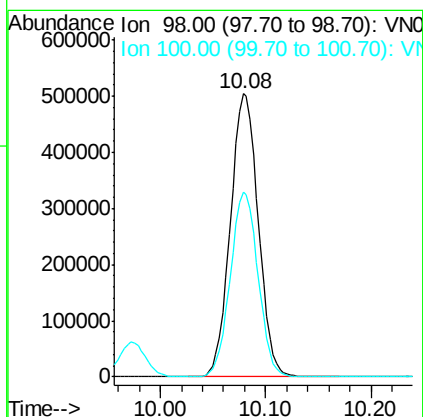
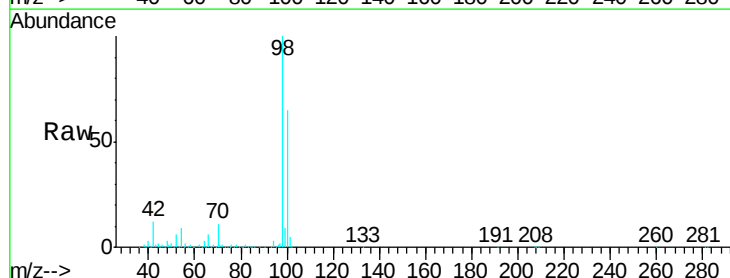
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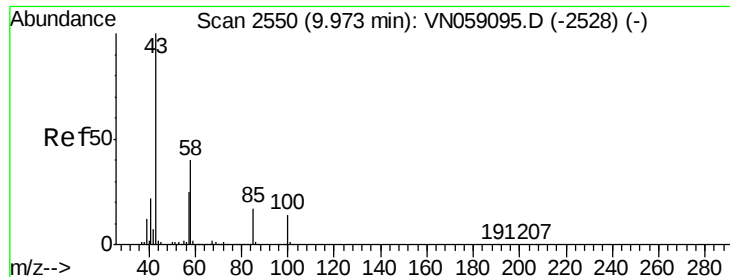
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11/7/2019 9:16:28 AM



#50
Toluene-d8
Concen: 49.839 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. -0.00 min
Lab File: VN059102.D
Acq: 6 Nov 2019 13:12

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.2	78.2





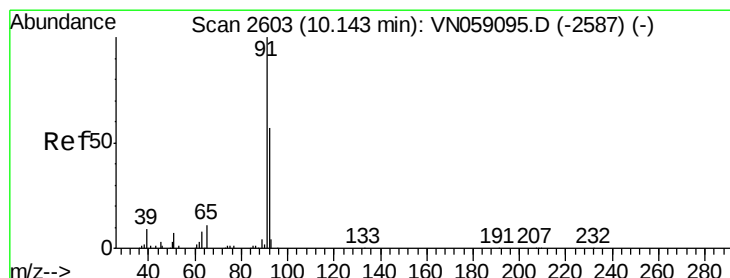
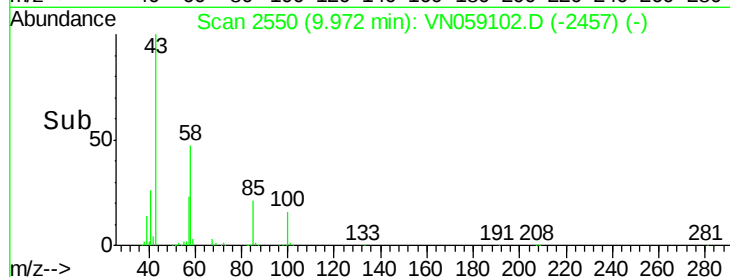
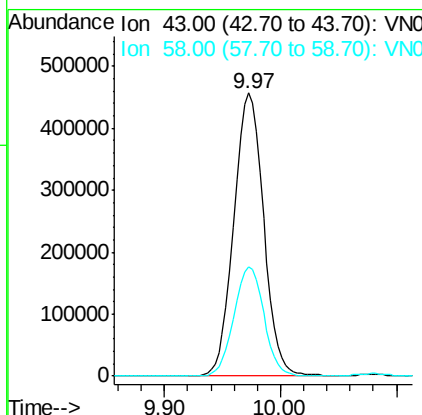
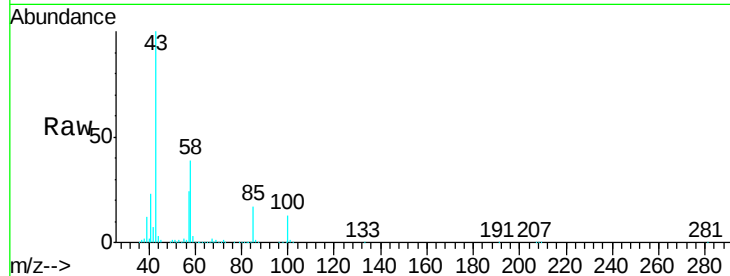
#51
4-Methyl-2-Pentanone
Concen: 110.024 ug/l
RT: 9.97 min Scan# 2550
Delta R.T. -0.00 min
Lab File: VN059102.D
Acq: 6 Nov 2019 13:12

Instrument :
MSVOA_N
ClientSampleId :
VN1106WBS01

Tgt Ion: 43 Resp: 811663
Ion Ratio Lower Upper
43 100
58 38.9 31.5 47.3

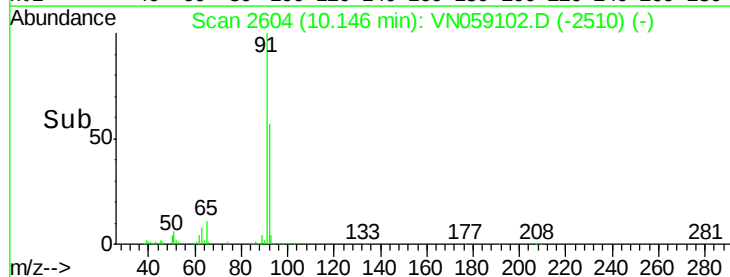
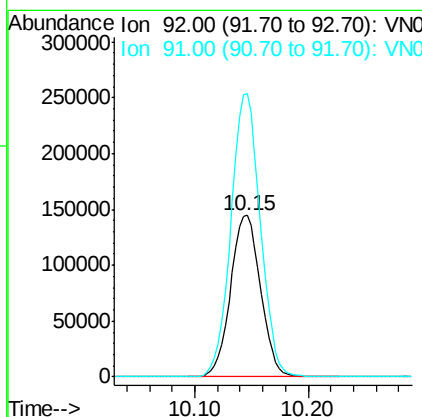
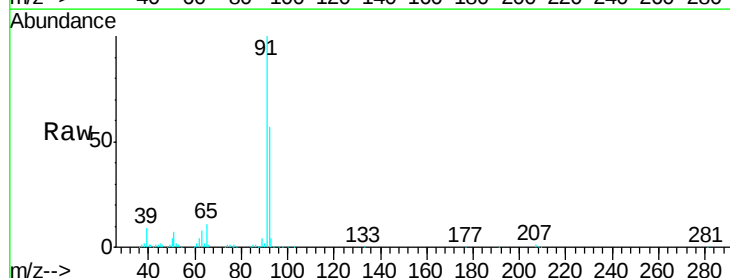
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#52
Toluene
Concen: 20.097 ug/l
RT: 10.15 min Scan# 2604
Delta R.T. 0.00 min
Lab File: VN059102.D
Acq: 6 Nov 2019 13:12

Tgt Ion: 92 Resp: 266658
Ion Ratio Lower Upper
92 100
91 172.3 139.5 209.3





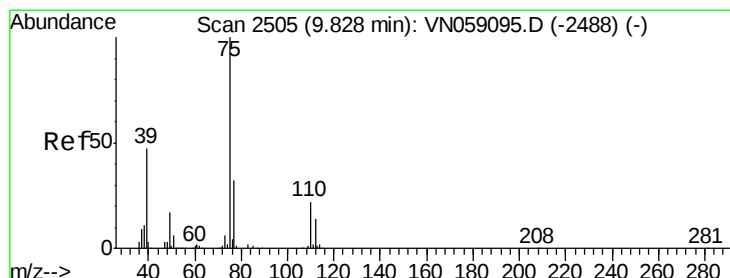
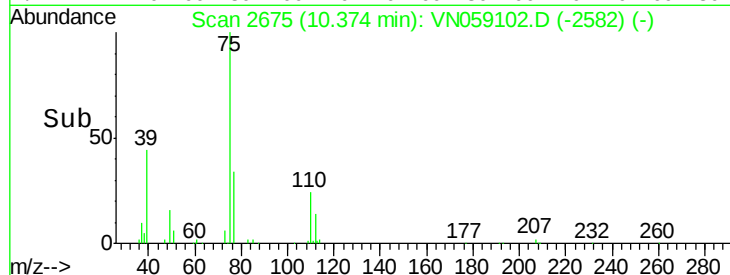
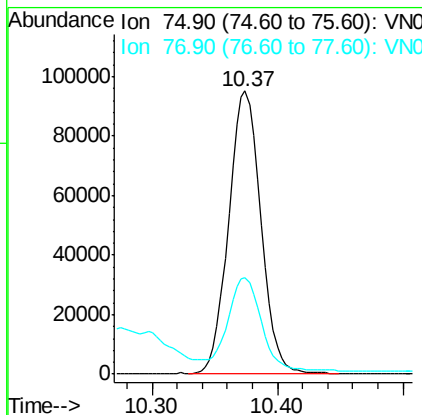
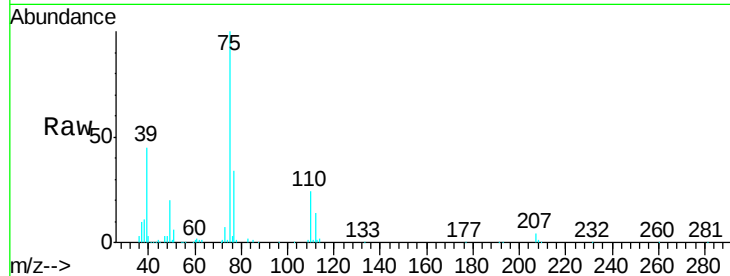
#53
t-1,3-Dichloropropene
Concen: 19.477 ug/l
RT: 10.37 min Scan# 2675
Delta R.T. -0.00 min
Lab File: VN059102.D
Acq: 6 Nov 2019 13:12

Instrument :
MSVOA_N
ClientSampleId :
VN1106WBS01

Tgt Ion: 75 Resp: 168364
Ion Ratio Lower Upper
75 100
77 33.1 25.3 37.9

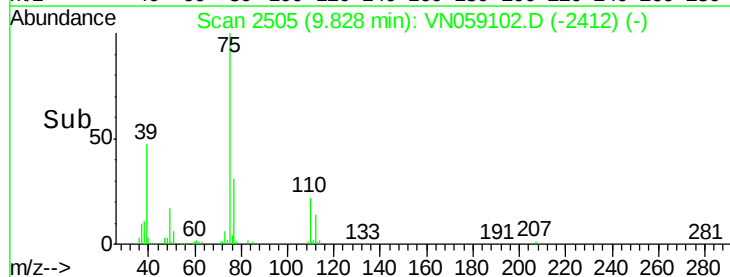
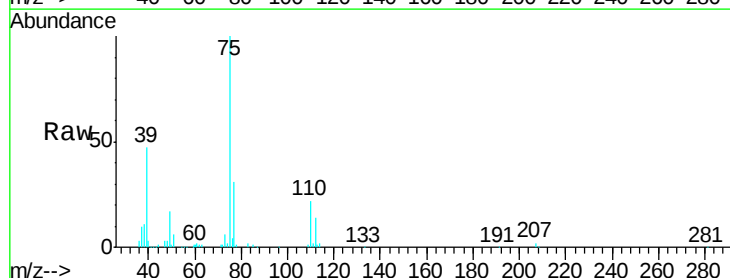
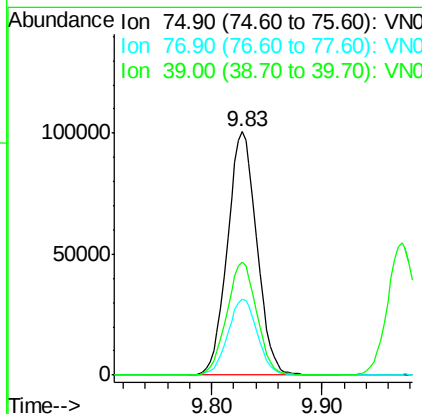
Manual Integrations
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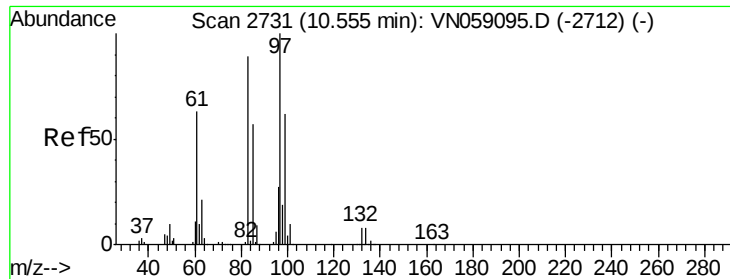
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#54
cis-1,3-Dichloropropene
Concen: 19.937 ug/l
RT: 9.83 min Scan# 2505
Delta R.T. -0.00 min
Lab File: VN059102.D
Acq: 6 Nov 2019 13:12

Tgt Ion: 75 Resp: 185381
Ion Ratio Lower Upper
75 100
77 31.1 25.5 38.3
39 46.5 37.3 55.9





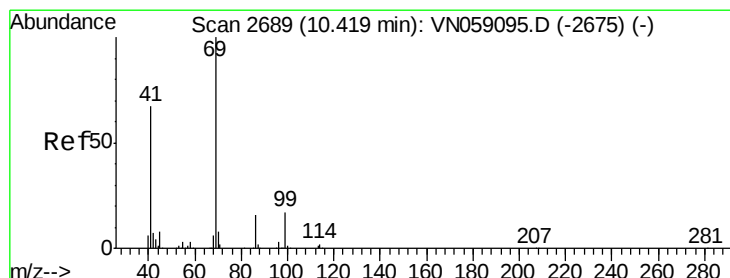
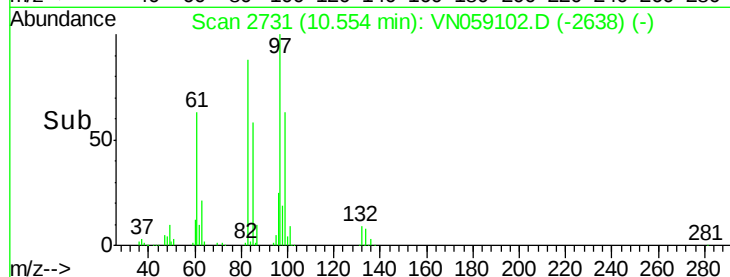
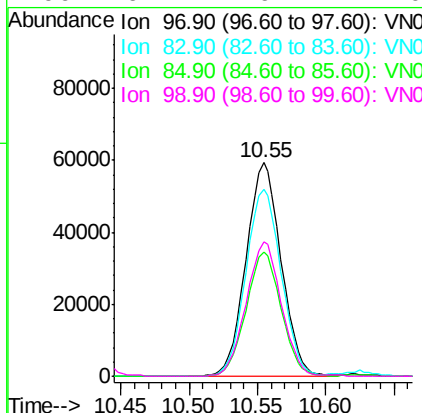
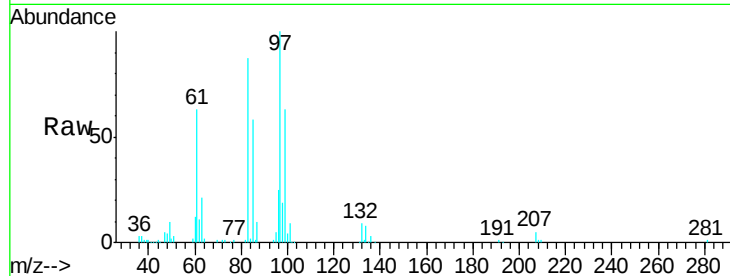
#55
 1,1,2-Trichloroethane
 Concen: 19.766 ug/l
 RT: 10.55 min Scan# 2731
 Delta R.T. -0.00 min
 Lab File: VN059102.D
 Acq: 6 Nov 2019 13:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1106WBS01

Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.3	71.0	106.4
85	58.1	45.8	68.8
99	62.7	49.4	74.0

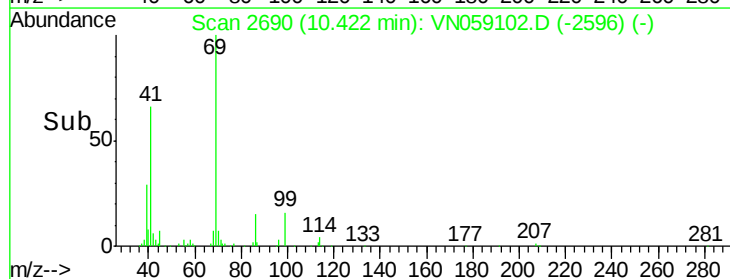
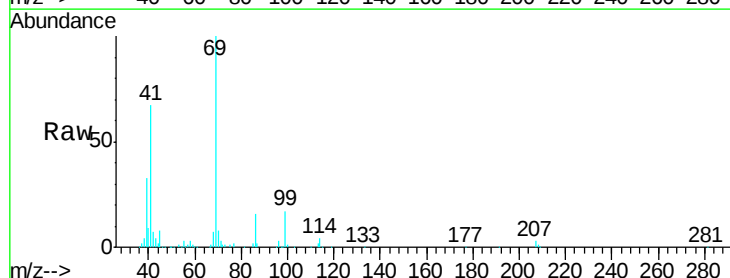
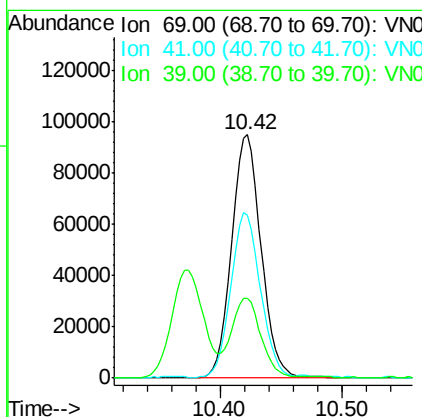
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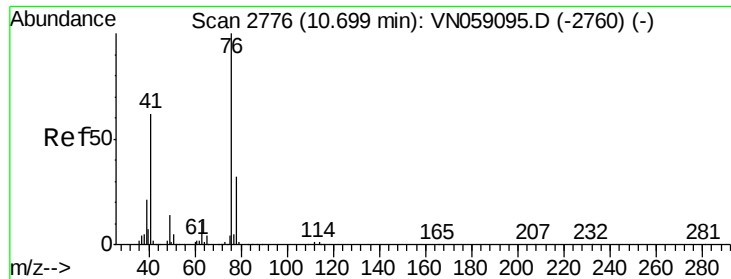
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#56
 Ethyl methacrylate
 Concen: 19.147 ug/l
 RT: 10.42 min Scan# 2690
 Delta R.T. 0.00 min
 Lab File: VN059102.D
 Acq: 6 Nov 2019 13:12

Tgt Ion	Ratio	Lower	Upper
69	100		
41	67.6	53.6	80.4
39	32.1	26.2	39.4





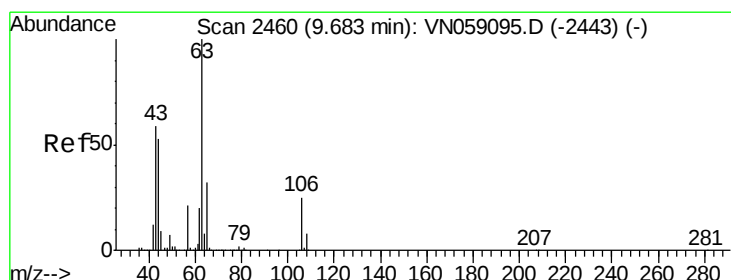
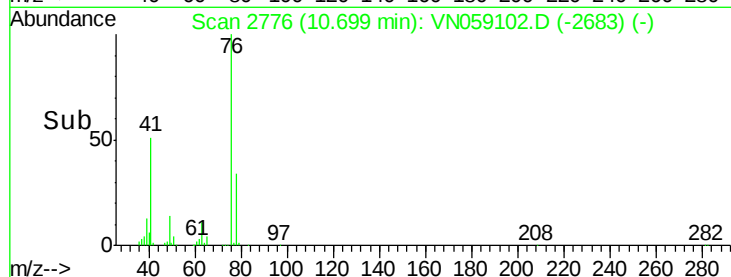
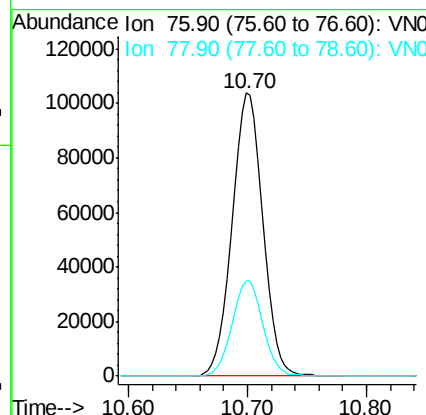
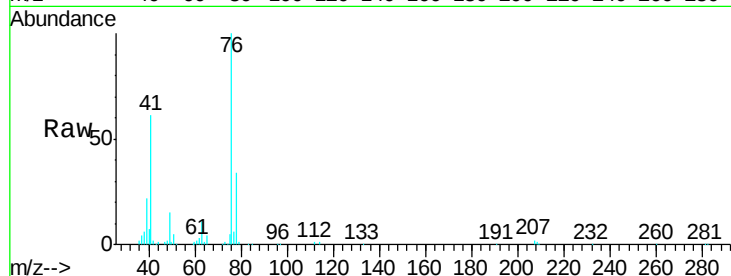
#57
 1,3-Dichloropropane
 Concen: 20.078 ug/l
 RT: 10.70 min Scan# 2776
 Delta R.T. -0.00 min
 Lab File: VN059102.D
 Acq: 6 Nov 2019 13:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1106WBS01

Tgt Ion: 76 Resp: 185557
 Ion Ratio Lower Upper
 76 100
 78 33.8 25.8 38.8

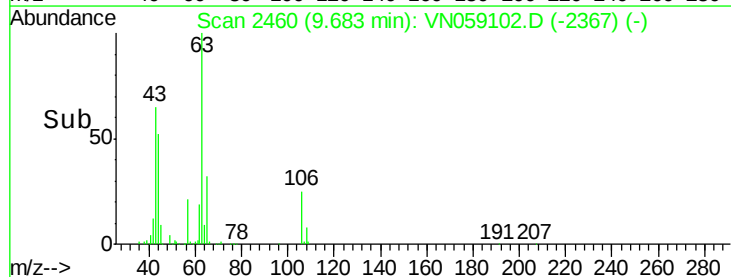
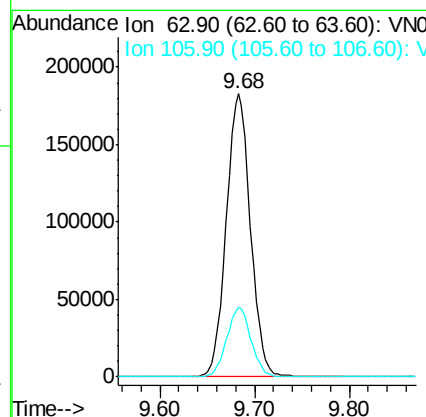
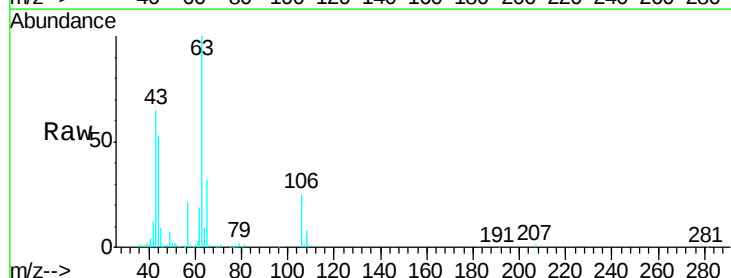
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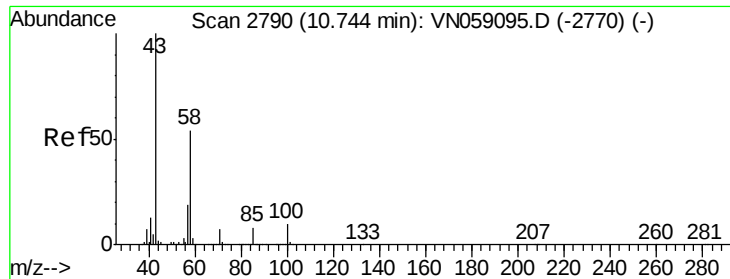
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 11/7/2019 9:16:28 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 108.417 ug/l
 RT: 9.68 min Scan# 2460
 Delta R.T. -0.00 min
 Lab File: VN059102.D
 Acq: 6 Nov 2019 13:12

Tgt Ion: 63 Resp: 323997
 Ion Ratio Lower Upper
 63 100
 106 24.7 20.2 30.2





#59

2-Hexanone

Concen: 105.095 ug/l

RT: 10.74 min Scan# 2790

Delta R.T. -0.00 min

Lab File: VN059102.D

Acq: 6 Nov 2019 13:12

Instrument :

MSVOA_N

ClientSampleId :

VN1106WBS01

Tgt Ion: 43 Resp: 595080

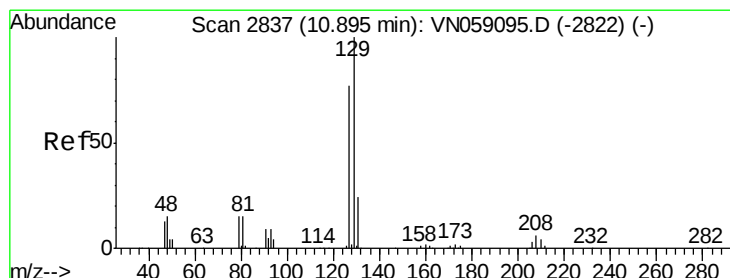
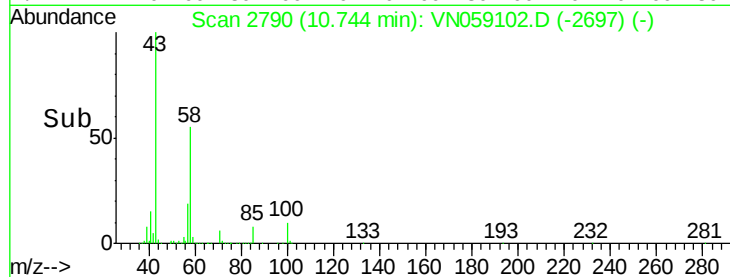
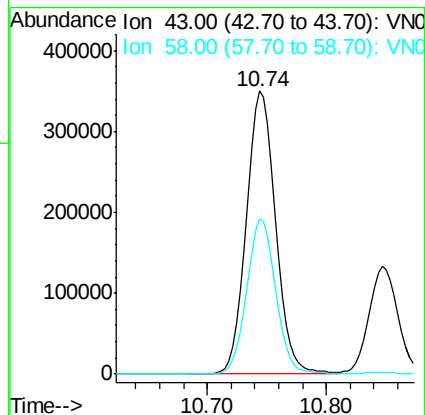
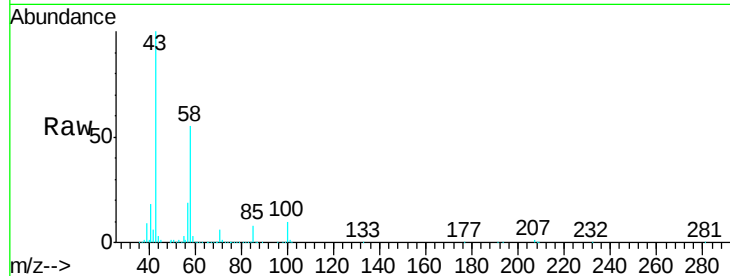
Ion Ratio Lower Upper

43 100

58 54.5 27.3 81.8

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11/7/2019 9:16:28 AM



#60

Dibromochloromethane

Concen: 19.766 ug/l

RT: 10.90 min Scan# 2837

Delta R.T. -0.00 min

Lab File: VN059102.D

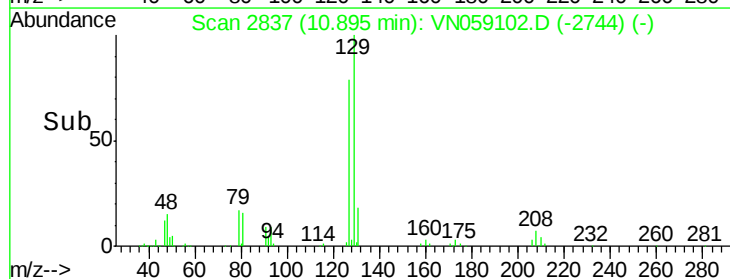
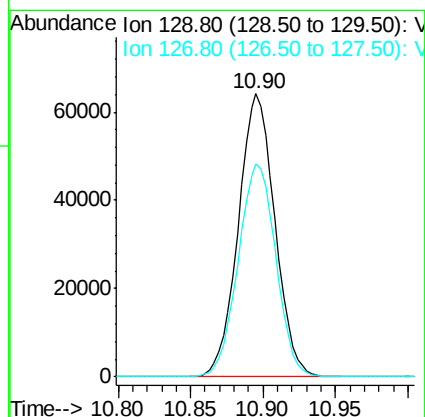
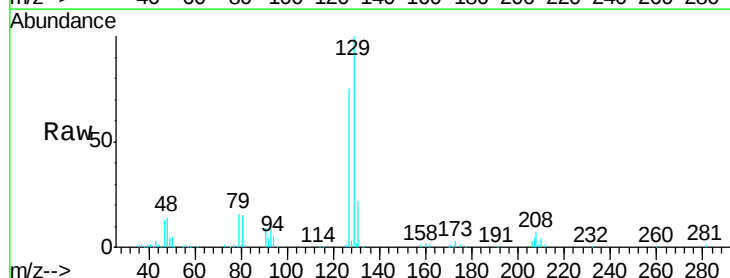
Acq: 6 Nov 2019 13:12

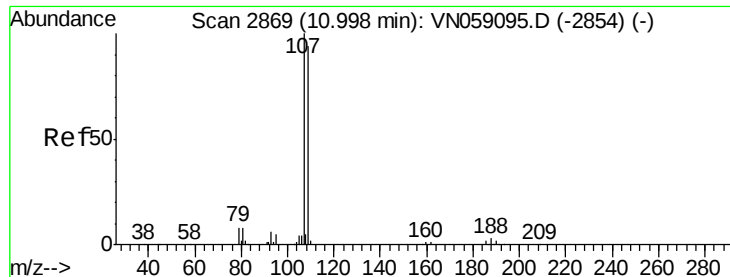
Tgt Ion: 129 Resp: 112220

Ion Ratio Lower Upper

129 100

127 77.4 38.6 115.8





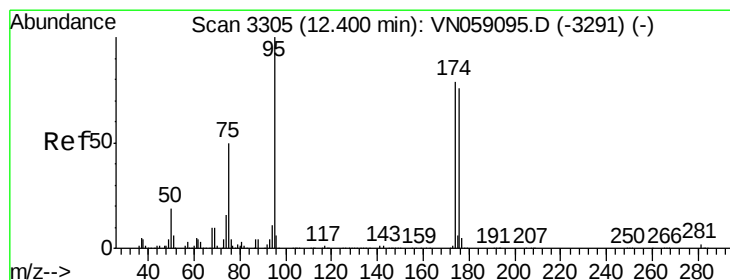
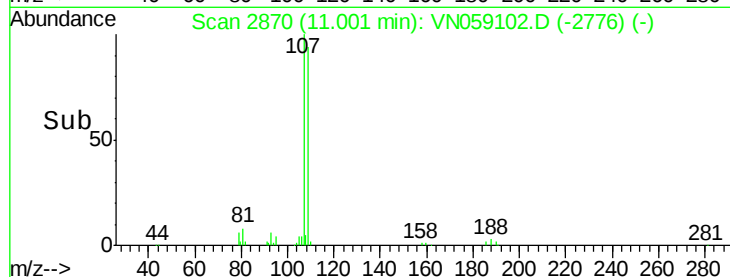
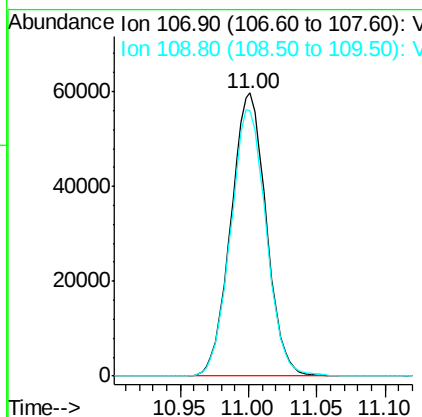
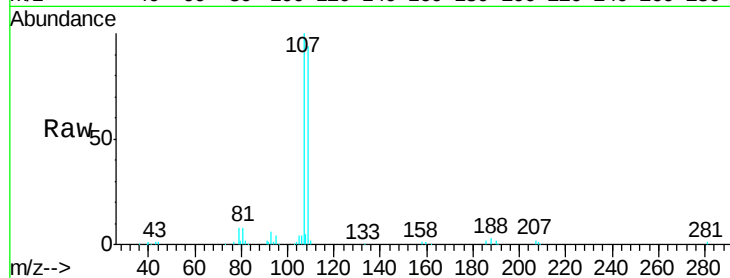
#61
 1,2-Dibromoethane
 Concen: 19.713 ug/l
 RT: 11.00 min Scan# 2870
 Delta R.T. 0.00 min
 Lab File: VN059102.D
 Acq: 6 Nov 2019 13:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1106WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	107159		
109	95.0	75.5	113.3	

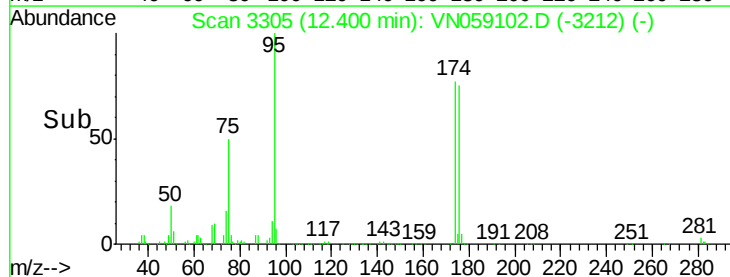
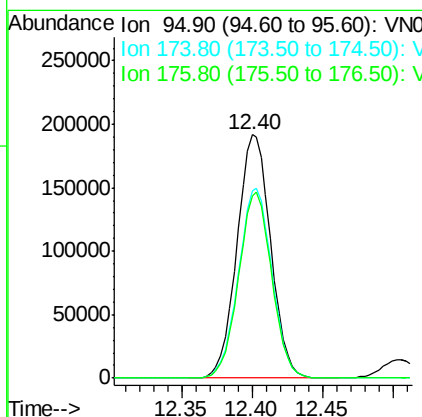
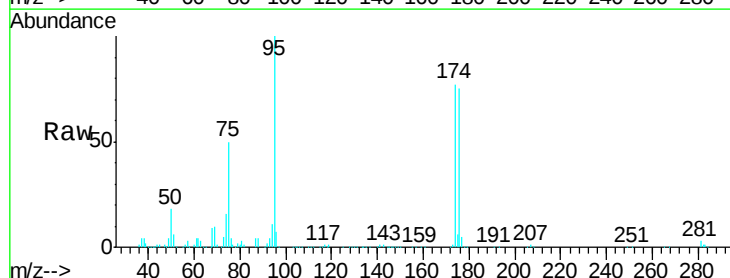
Manual Integrations
 APPROVED

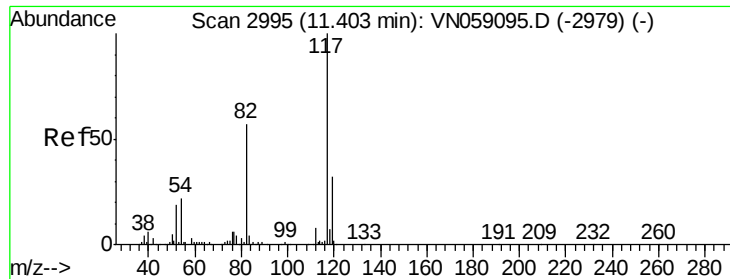
MMDadoda
 11/7/2019 9:16:28 AM



#62
 4-Bromofluorobenzene
 Concen: 48.008 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN059102.D
 Acq: 6 Nov 2019 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	320186		
174	78.1	0.0	158.2	
176	75.2	0.0	151.8	





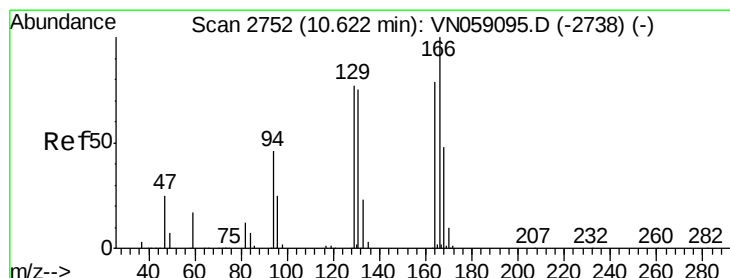
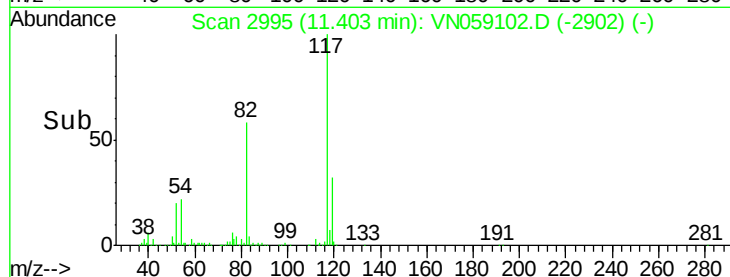
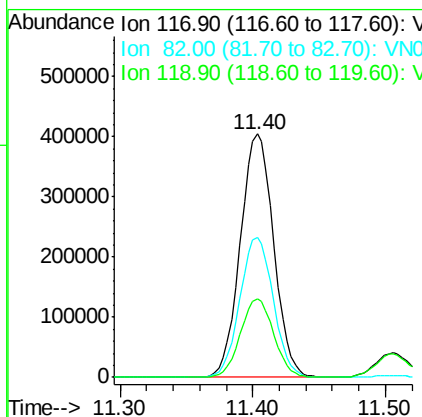
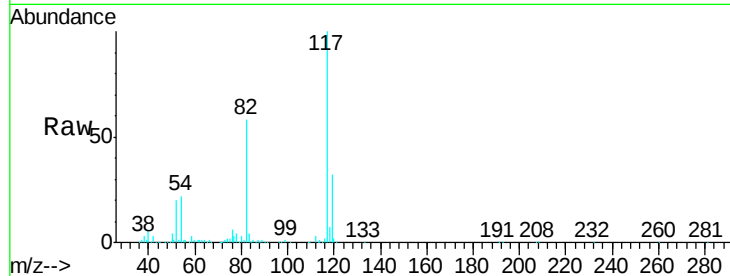
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN059102.D
Acq: 6 Nov 2019 13:12

Instrument :
MSVOA_N
ClientSampleId :
VN1106WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	705754		
82	57.6	45.8	68.8	
119	32.1	25.8	38.6	

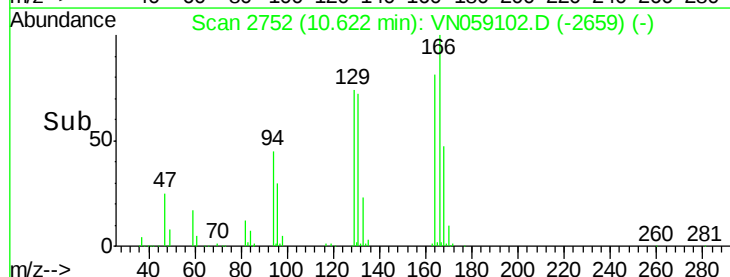
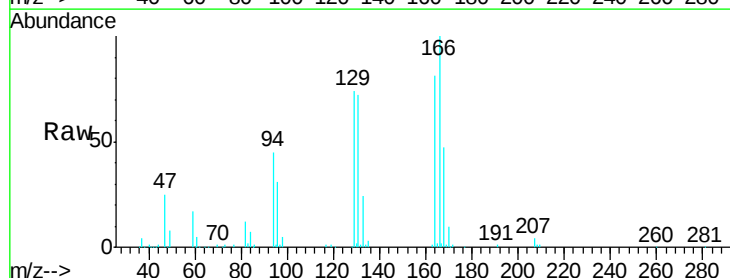
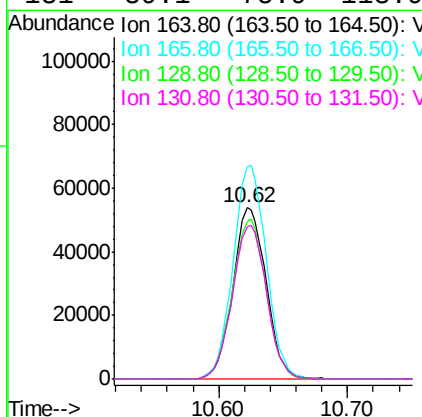
Manual Integrations
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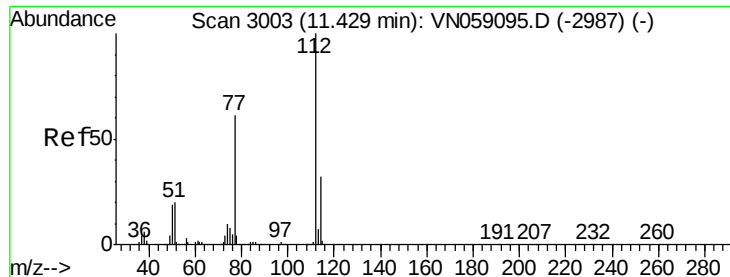
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#64
Tetrachloroethene
Concen: 20.108 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. -0.00 min
Lab File: VN059102.D
Acq: 6 Nov 2019 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	96497		
166	124.0	101.5	152.3	
129	92.1	78.3	117.5	
131	89.1	75.9	113.9	





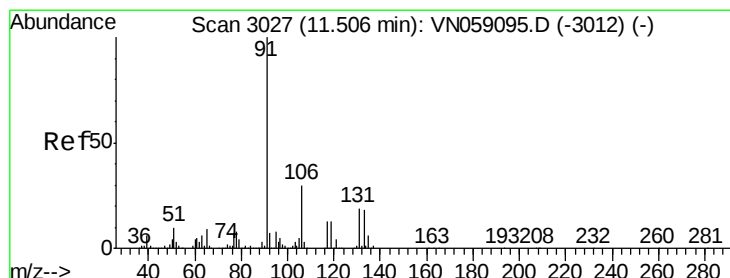
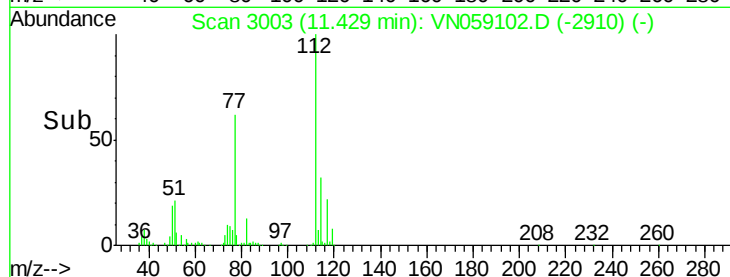
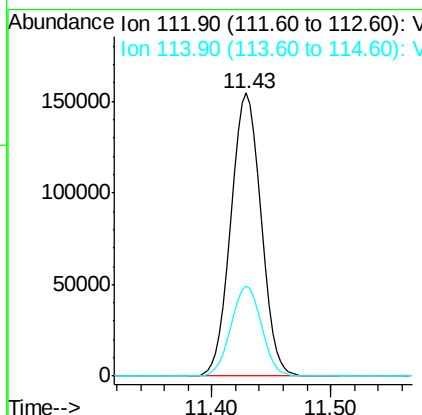
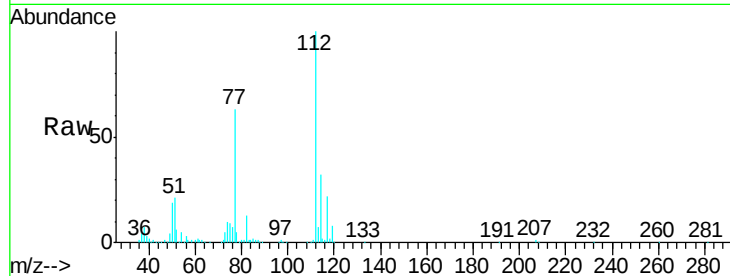
#65
Chlorobenzene
Concen: 19.801 ug/l
RT: 11.43 min Scan# 3003
Delta R.T. -0.00 min
Lab File: VN059102.D
Acq: 6 Nov 2019 13:12

Instrument :
MSVOA_N
ClientSampleId :
VN1106WBS01

Tgt Ion:112 Resp: 272423
Ion Ratio Lower Upper
112 100
114 31.9 25.2 37.8

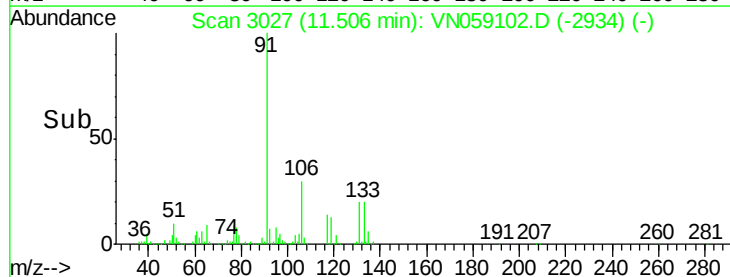
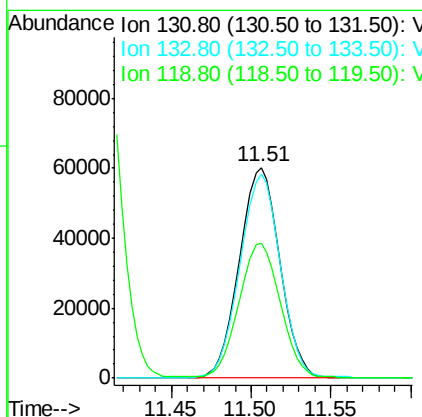
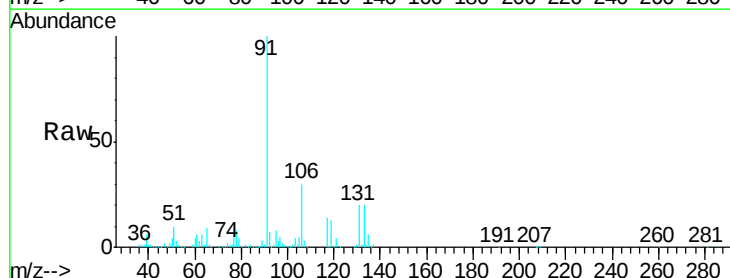
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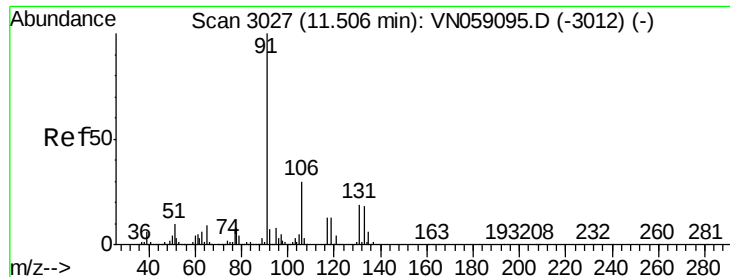
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.177 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN059102.D
Acq: 6 Nov 2019 13:12

Tgt Ion:131 Resp: 104132
Ion Ratio Lower Upper
131 100
133 96.1 47.4 142.3
119 65.8 33.2 99.6





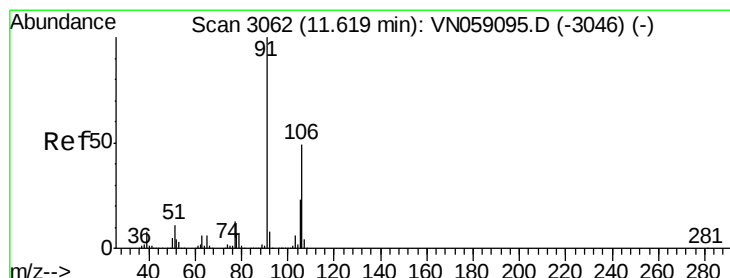
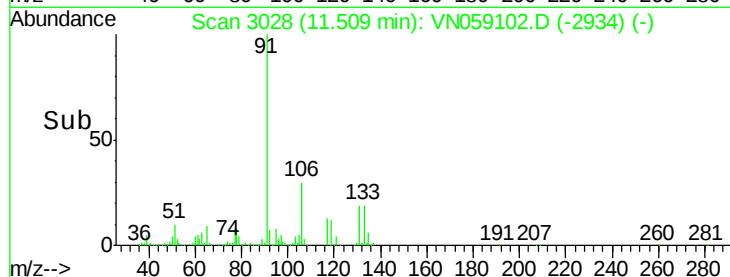
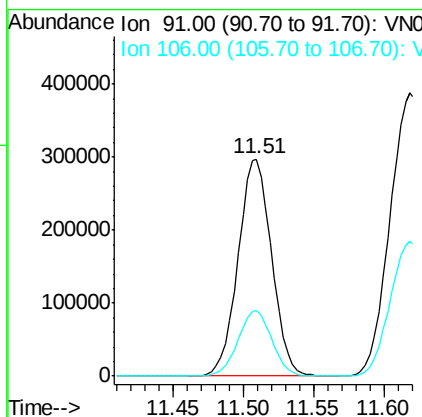
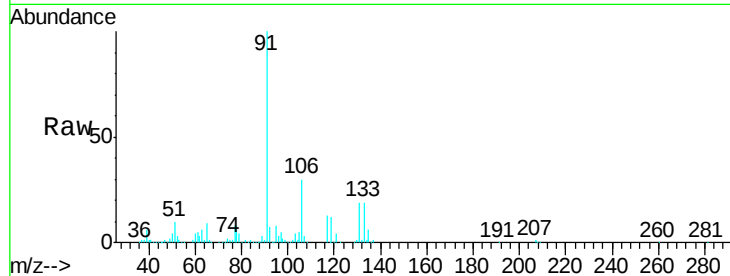
#67
Ethyl Benzene
Concen: 20.306 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN059102.D
Acq: 6 Nov 2019 13:12

Instrument :
MSVOA_N
ClientSampleId :
VN1106WBS01

Tgt Ion: 91 Resp: 495667
Ion Ratio Lower Upper
91 100
106 30.4 24.1 36.1

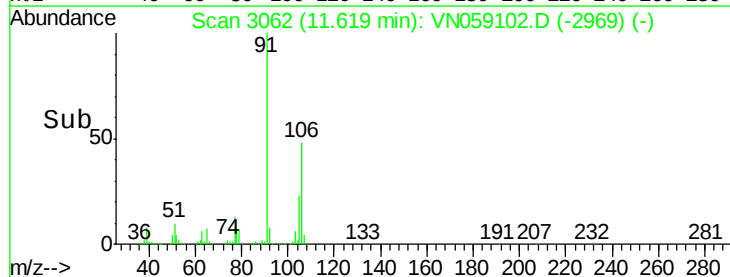
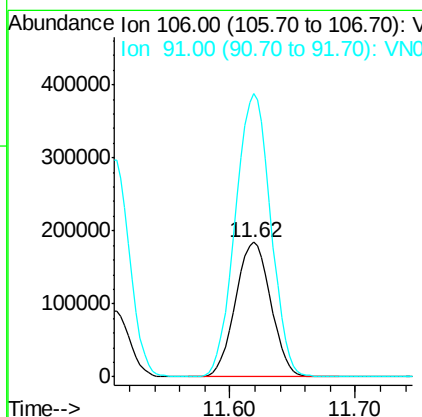
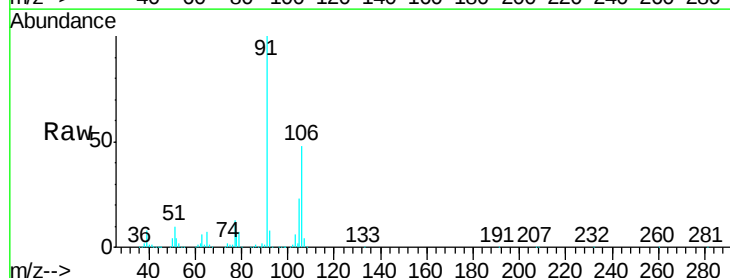
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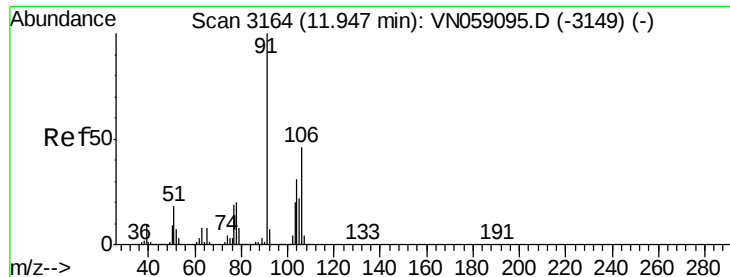
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#68
m/p-Xylenes
Concen: 39.439 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN059102.D
Acq: 6 Nov 2019 13:12

Tgt Ion: 106 Resp: 360612
Ion Ratio Lower Upper
106 100
91 210.9 164.7 247.1





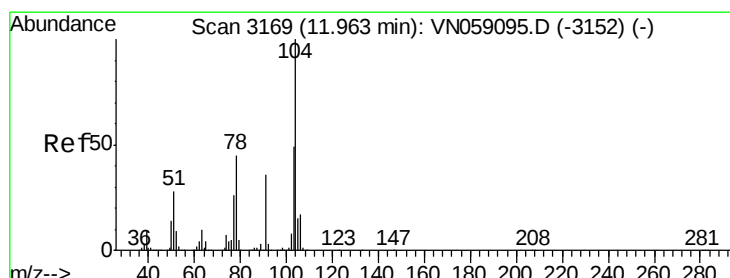
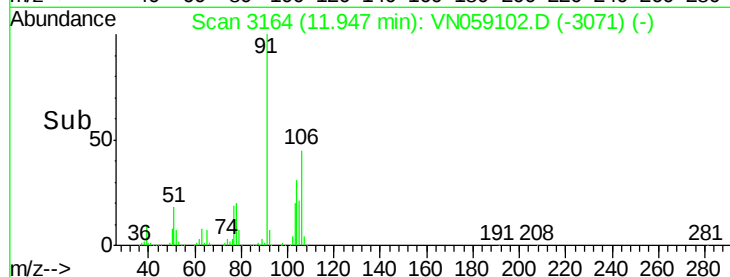
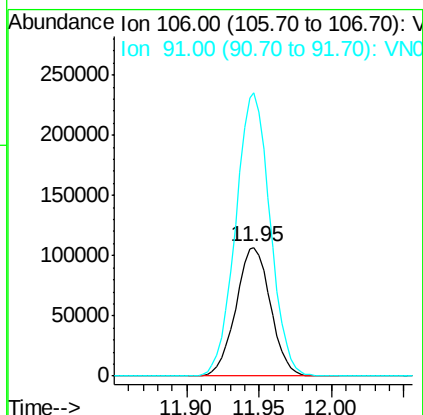
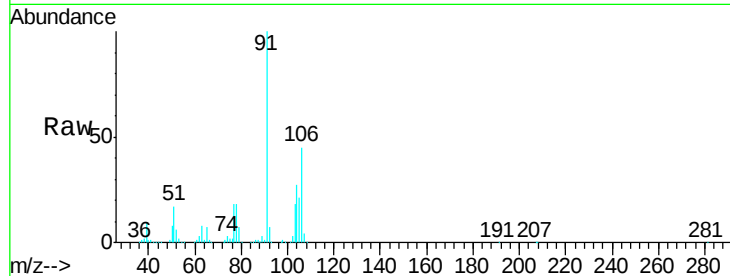
#69
o-Xylene
Concen: 19.993 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN059102.D
Acq: 6 Nov 2019 13:12

Instrument :
MSVOA_N
ClientSampled :
VN1106WBS01

Tgt Ion:106 Resp: 176668
Ion Ratio Lower Upper
106 100
91 219.5 110.1 330.3

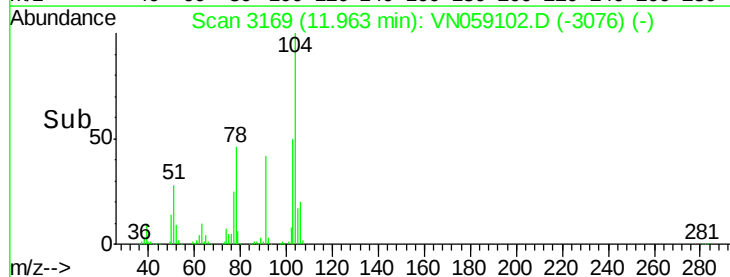
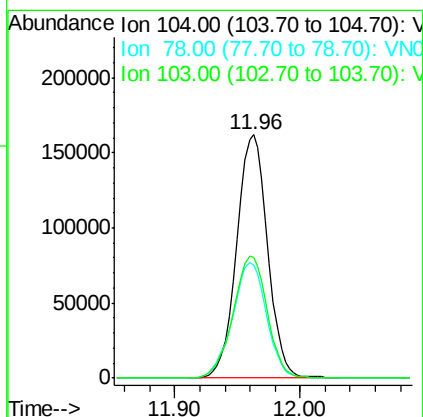
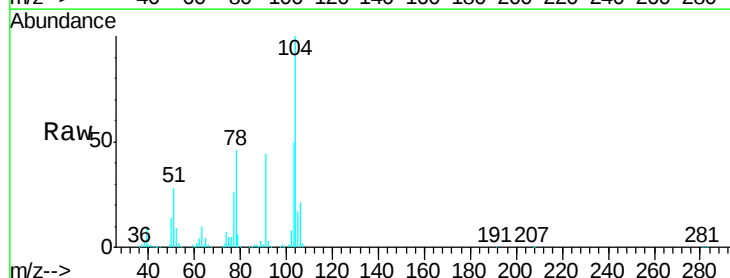
Manual Integrations
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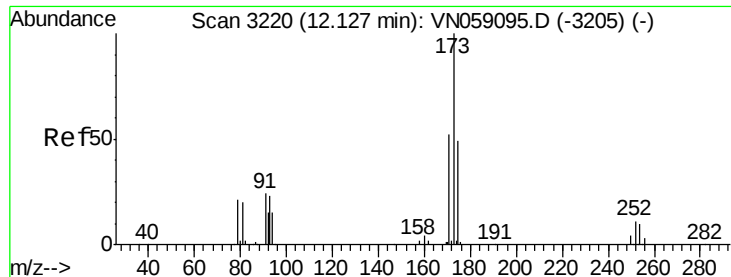
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#70
Styrene
Concen: 19.985 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN059102.D
Acq: 6 Nov 2019 13:12

Tgt Ion:104 Resp: 277739
Ion Ratio Lower Upper
104 100
78 52.5 41.2 61.8
103 55.3 43.8 65.6





#71

Bromoform

Concen: 19.642 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. -0.00 min

Lab File: VN059102.D

Acq: 6 Nov 2019 13:12

Instrument :

MSVOA_N

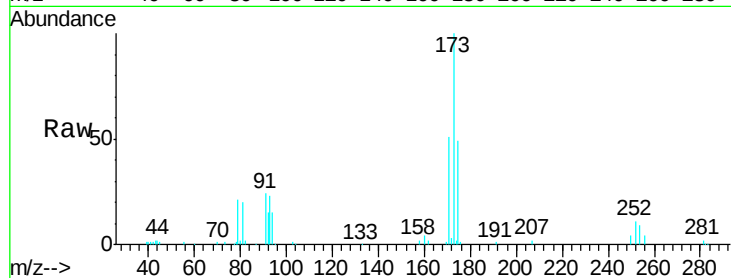
ClientSampleId :

VN1106WBS01

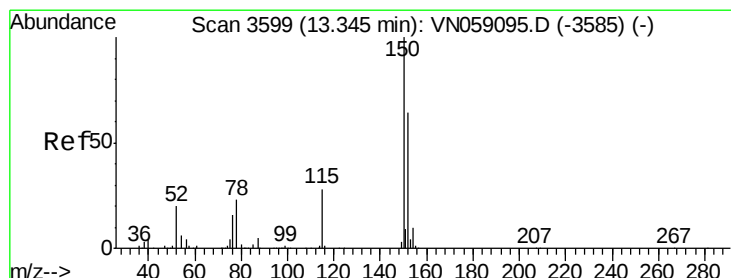
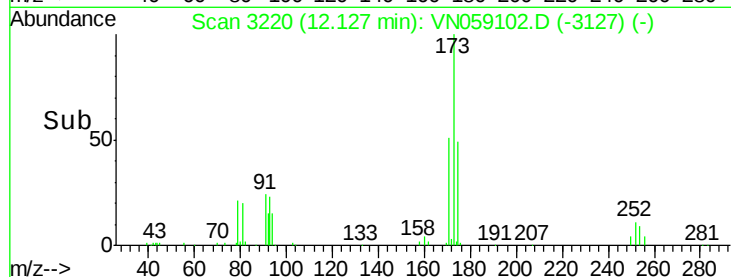
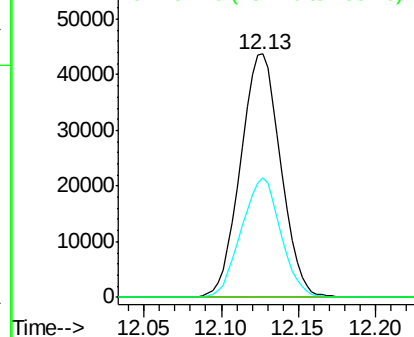
Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.2	24.2	72.6
254	0.0	0.1	0.1

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

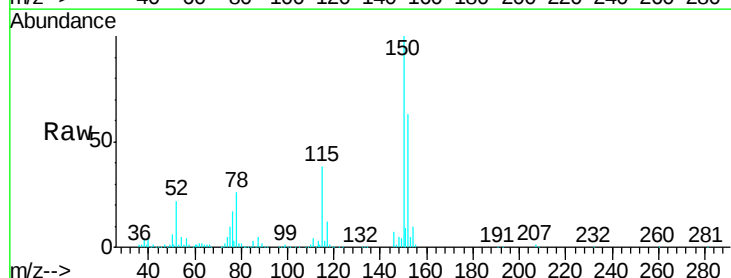
RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

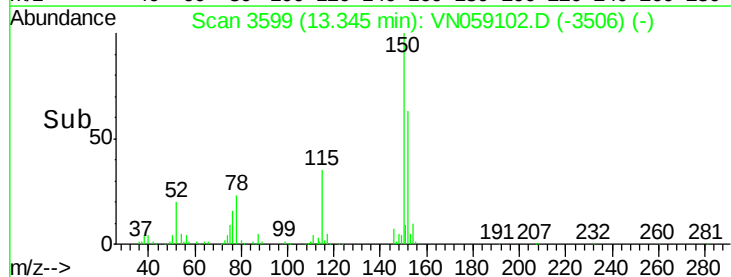
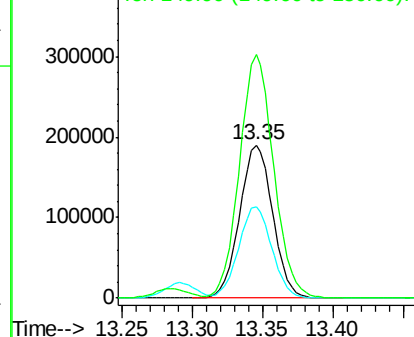
Lab File: VN059102.D

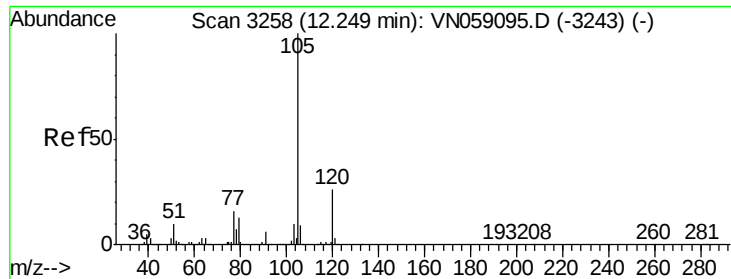
Acq: 6 Nov 2019 13:12

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.0	29.4	88.2
150	164.1	0.0	345.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.886 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN059102.D

Acq: 6 Nov 2019 13:12

Instrument :

MSVOA_N

ClientSampleId :

VN1106WBS01

Tgt Ion: 105 Resp: 475416

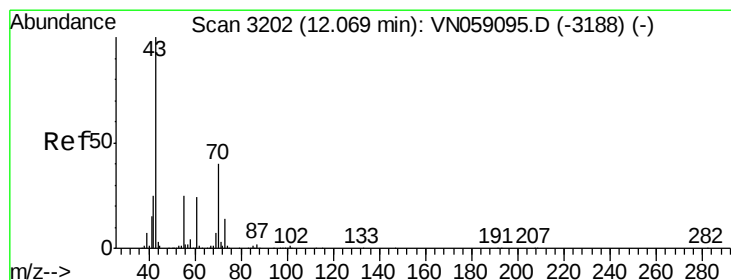
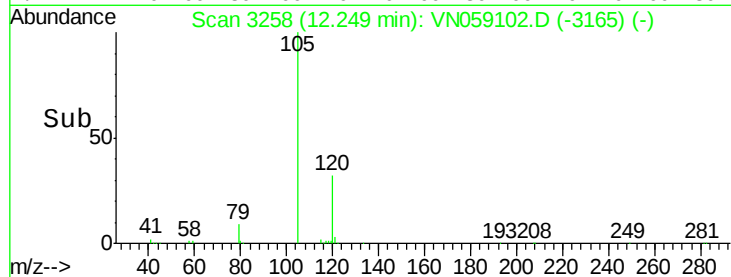
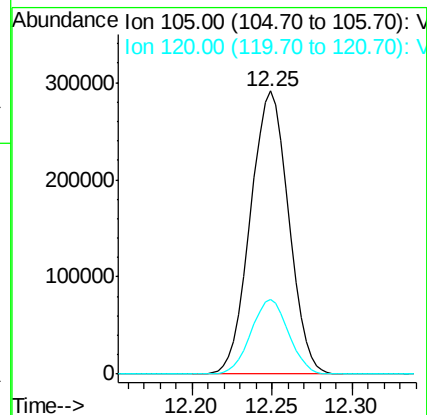
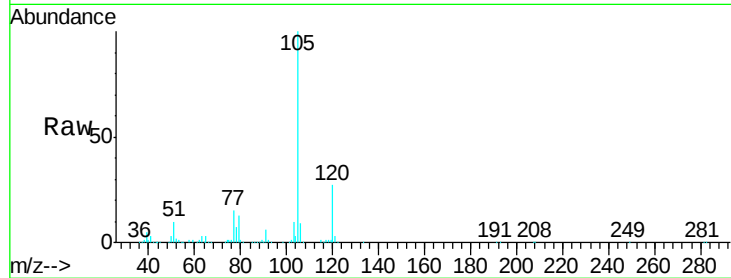
Ion Ratio Lower Upper

105 100

120 26.0 13.1 39.3

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#74

N-ethyl acetate

Concen: 20.315 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN059102.D

Acq: 6 Nov 2019 13:12

Tgt Ion: 43 Resp: 195941

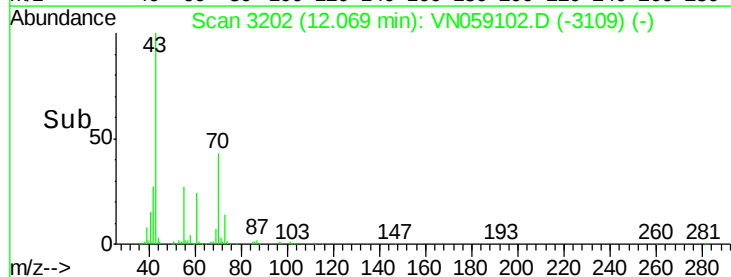
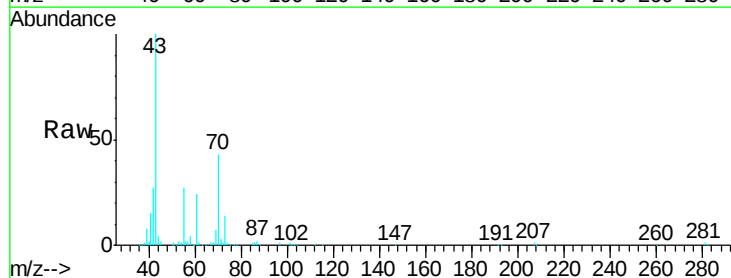
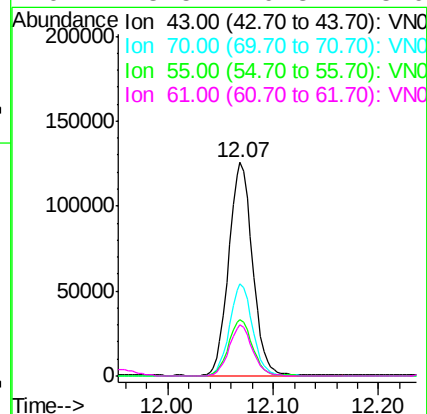
Ion Ratio Lower Upper

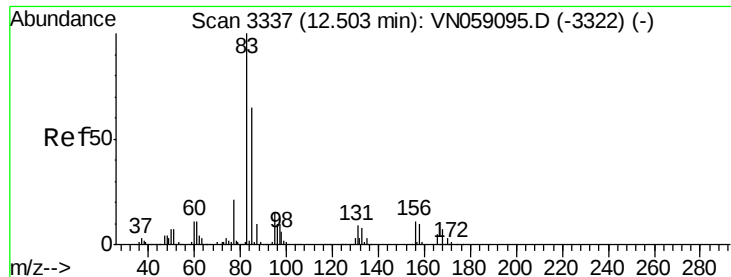
43 100

70 41.6 32.2 48.4

55 26.6 20.4 30.6

61 23.5 19.3 28.9





#75

1,1,2,2-Tetrachloroethane

Concen: 20.954 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN059102.D

Acq: 6 Nov 2019 13:12

Instrument :

MSVOA_N

ClientSampleId :

VN1106WBS01

Tgt Ion: 83 Resp: 162428

Ion Ratio Lower Upper

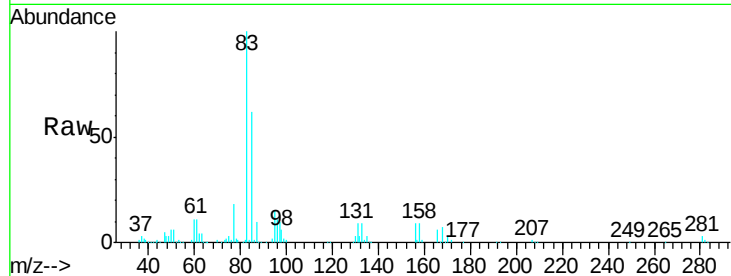
83 100

131 9.6 4.9 14.6

85 63.3 32.4 97.2

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0

120000

100000

80000

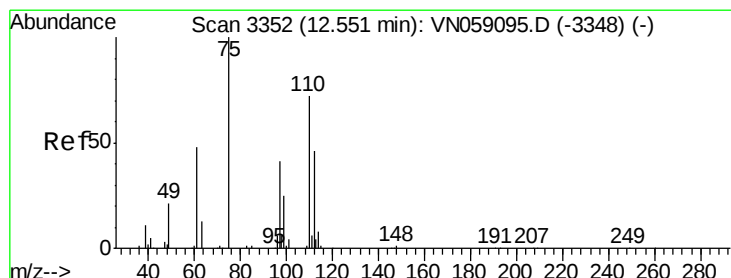
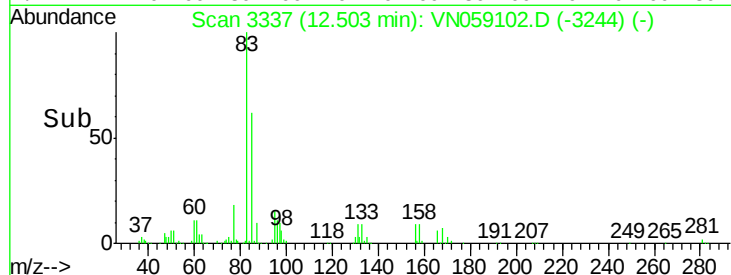
60000

40000

20000

0

Time-->



#76

1,2,3-Trichloropropane

Concen: 19.694 ug/l m

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN059102.D

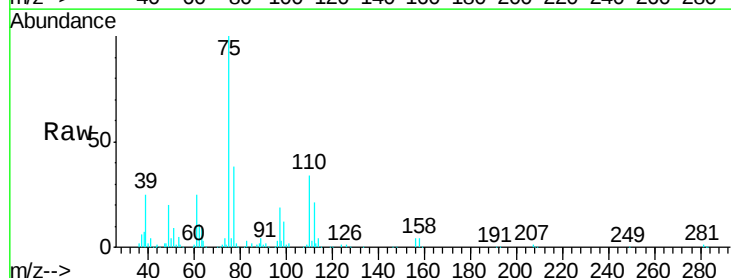
Acq: 6 Nov 2019 13:12

Tgt Ion: 75 Resp: 140302

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

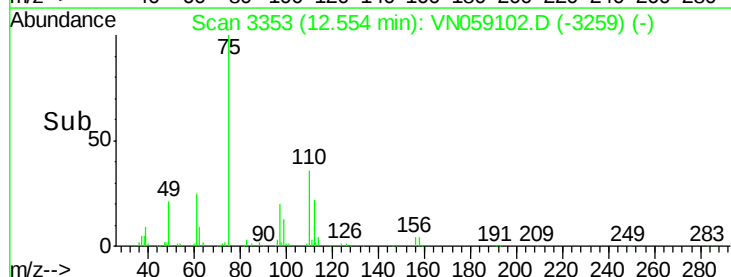
Ion 77.00 (76.70 to 77.70): VN0

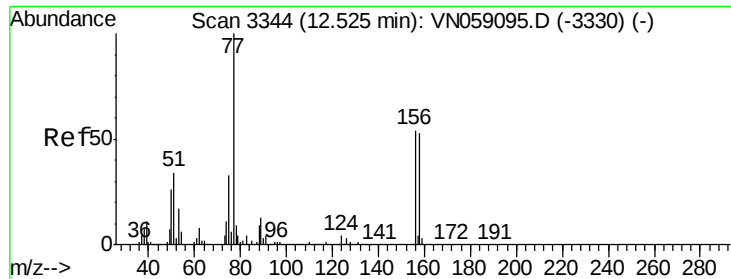
100000

50000

0

Time-->





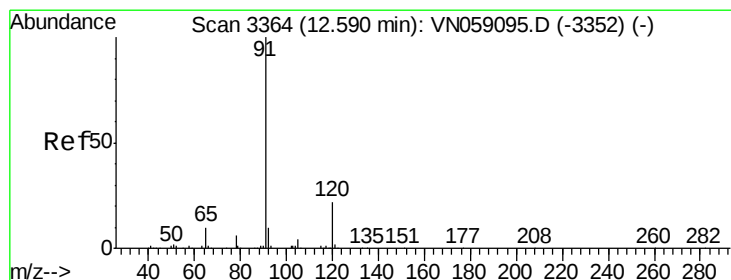
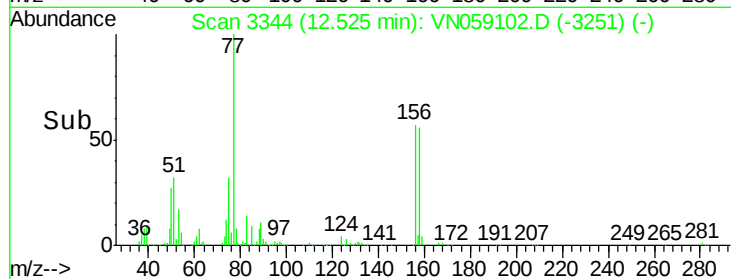
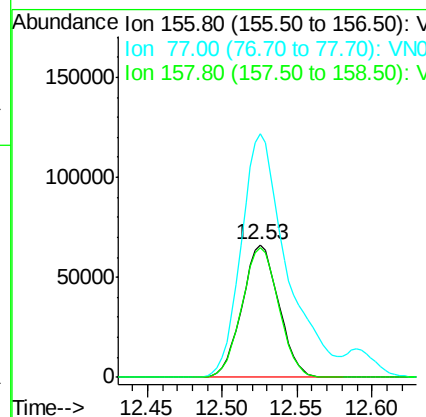
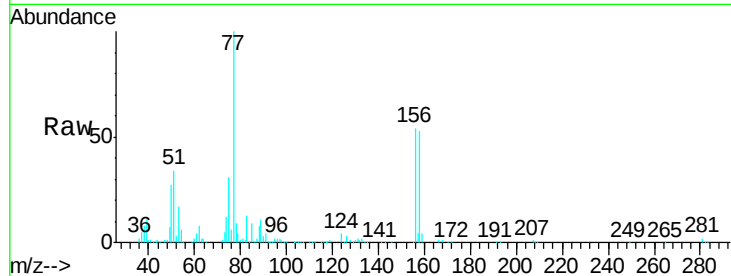
#77
Bromobenzene
Concen: 19.748 ug/l
RT: 12.53 min Scan# 3344
Delta R.T. -0.00 min
Lab File: VN059102.D
Acq: 6 Nov 2019 13:12

Instrument :
MSVOA_N
ClientSampleId :
VN1106WBS01

Tgt Ion	Ratio	Lower	Upper
156	100		
77	228.6	112.8	338.3
158	98.6	48.4	145.3

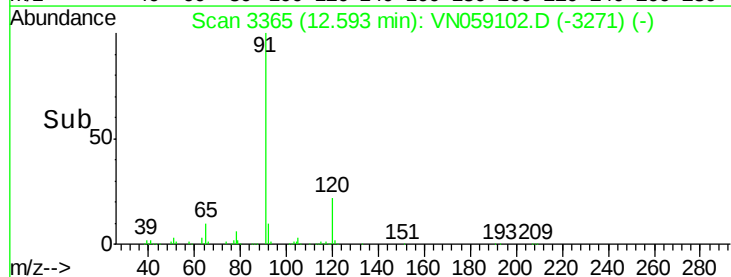
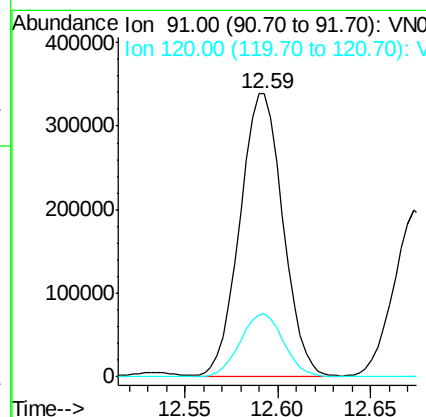
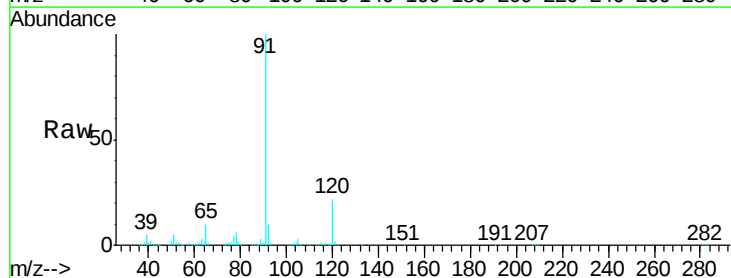
Manual Integrations
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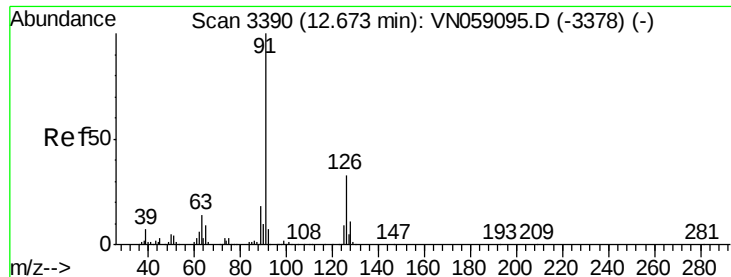
MMDadoda
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#78
n-propylbenzene
Concen: 20.782 ug/l
RT: 12.59 min Scan# 3365
Delta R.T. 0.00 min
Lab File: VN059102.D
Acq: 6 Nov 2019 13:12

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.7	11.2	33.5





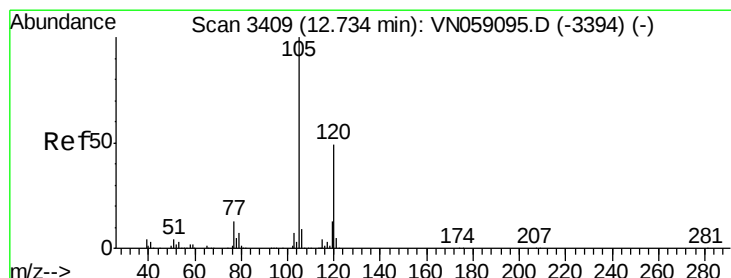
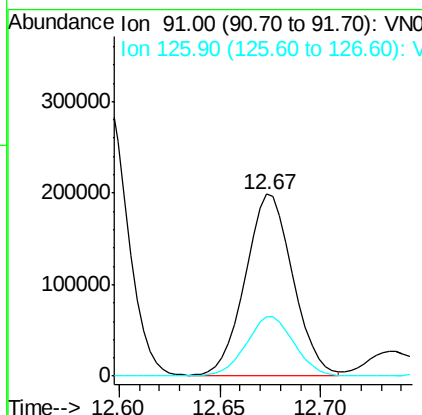
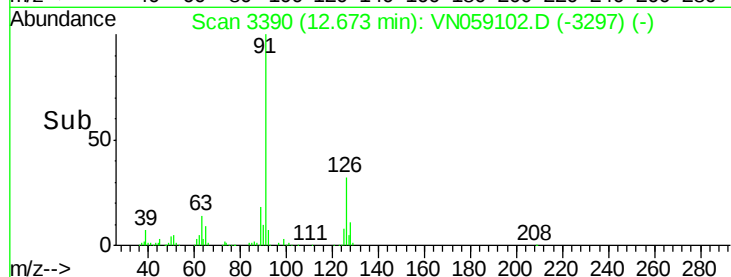
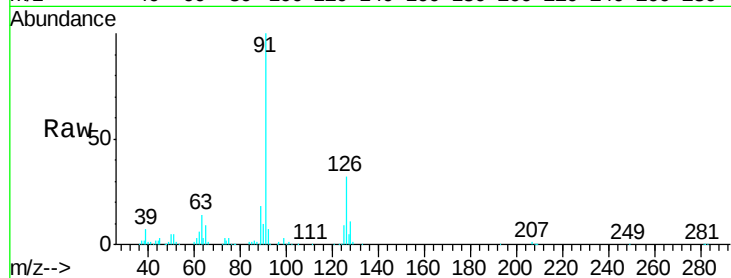
#79
2-Chlorotoluene
Concen: 20.157 ug/l
RT: 12.67 min Scan# 3390
Delta R.T. -0.00 min
Lab File: VN059102.D
Acq: 6 Nov 2019 13:12

Instrument :
MSVOA_N
ClientSampleId :
VN1106WBS01

Tgt Ion: 91 Resp: 325900
Ion Ratio Lower Upper
91 100
126 33.1 16.7 50.1

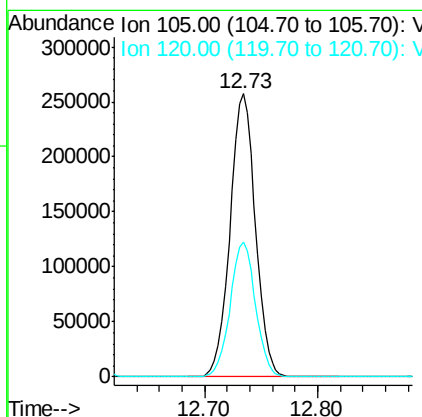
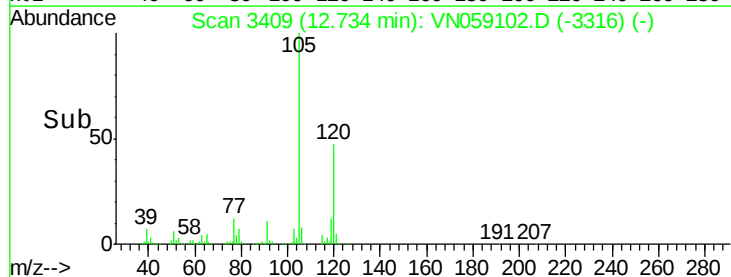
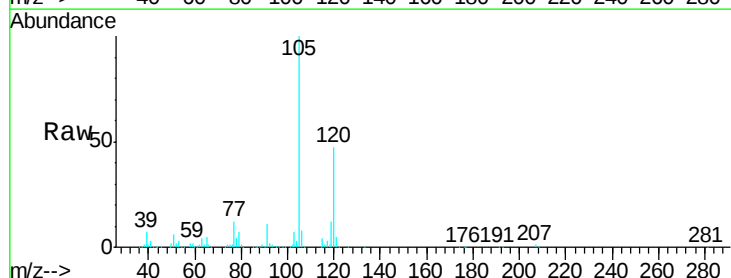
Manual Integrations
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#80
1,3,5-Trimethylbenzene
Concen: 20.659 ug/l
RT: 12.73 min Scan# 3409
Delta R.T. -0.00 min
Lab File: VN059102.D
Acq: 6 Nov 2019 13:12

Tgt Ion: 105 Resp: 398456
Ion Ratio Lower Upper
105 100
120 47.7 24.0 72.0





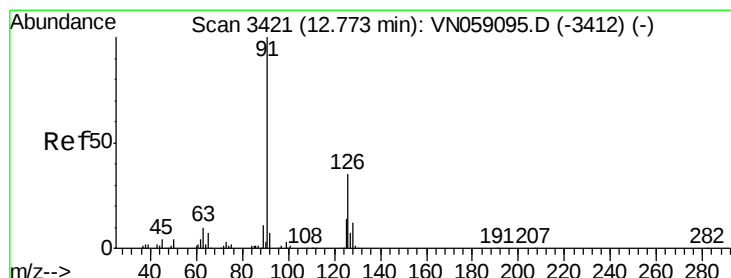
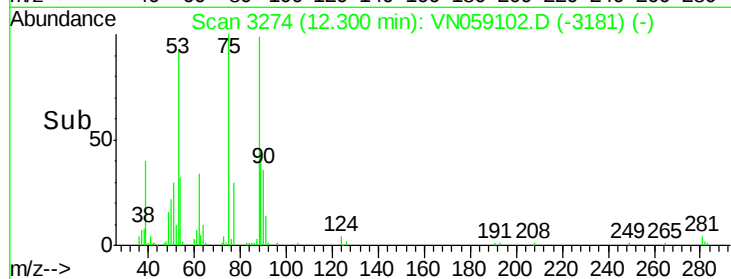
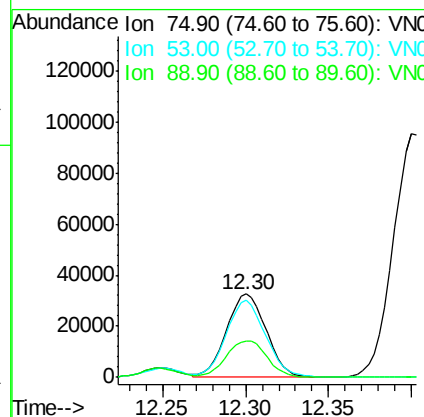
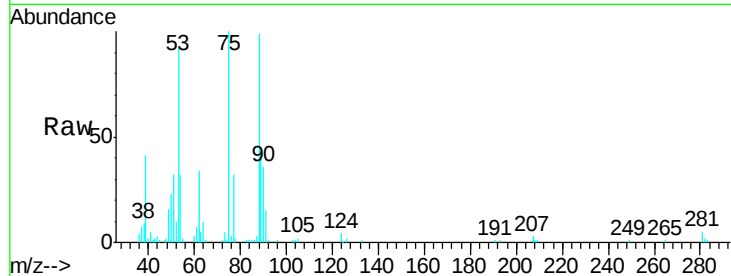
#81
trans-1,4-Dichloro-2-butene
Concen: 20.072 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. -0.00 min
Lab File: VN059102.D
Acq: 6 Nov 2019 13:12

Instrument :
MSVOA_N
ClientSampleId :
VN1106WBS01

Tgt Ion	Ratio	Lower	Upper
75	100		
53	92.8	72.2	108.2
89	45.2	35.8	53.8

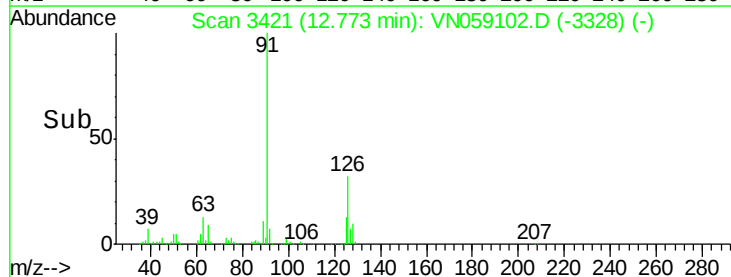
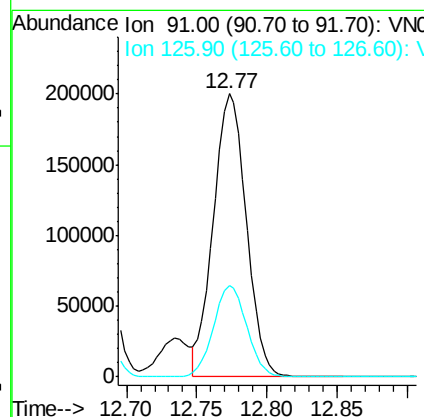
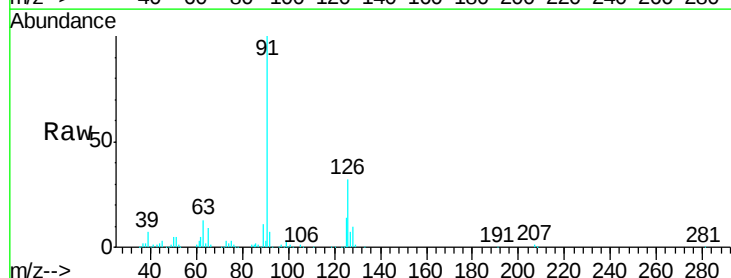
Manual Integrations
APPROVED

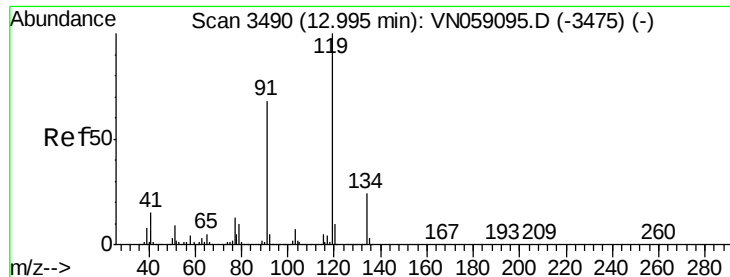
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#82
4-Chlorotoluene
Concen: 19.945 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. -0.00 min
Lab File: VN059102.D
Acq: 6 Nov 2019 13:12

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.5	16.1	48.2





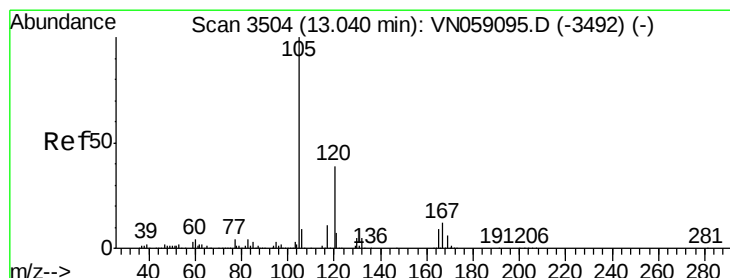
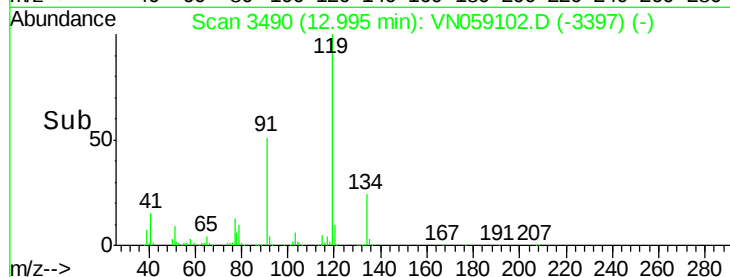
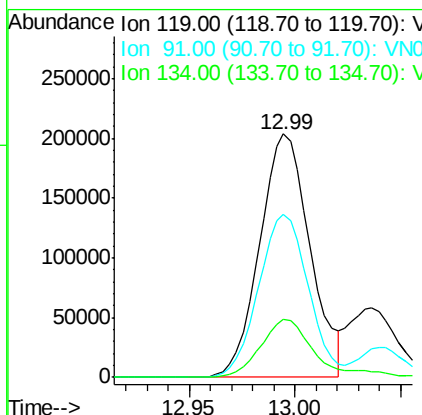
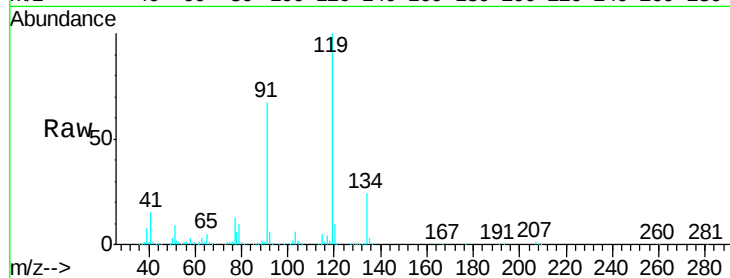
#83
tert-Butylbenzene
Concen: 20.297 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. -0.00 min
Lab File: VN059102.D
Acq: 6 Nov 2019 13:12

Instrument :
MSVOA_N
ClientSampleId :
VN1106WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	338069		
91	66.3	33.2	99.6	
134	23.9	12.7	38.1	

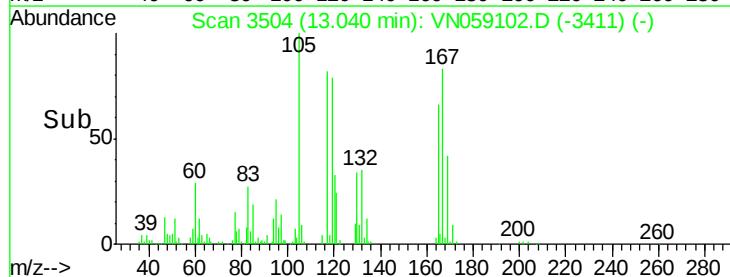
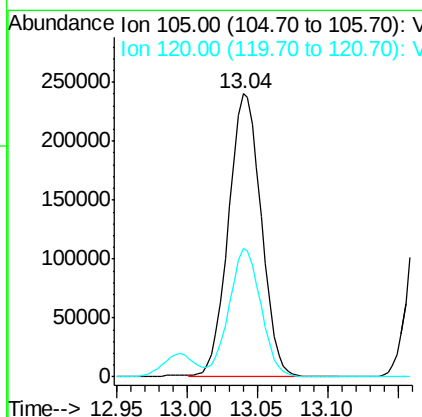
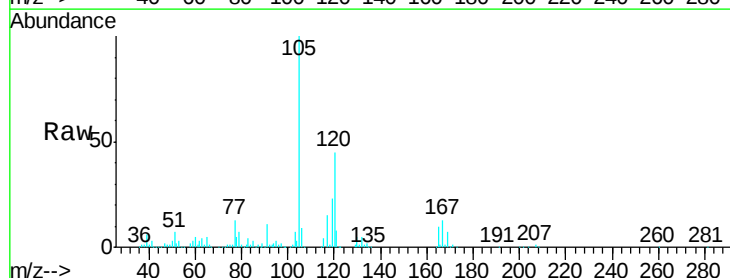
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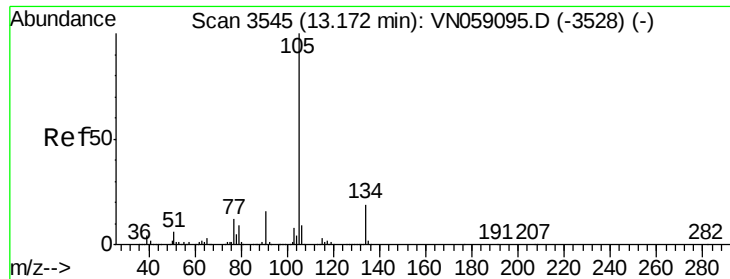
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#84
1,2,4-Trimethylbenzene
Concen: 20.859 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN059102.D
Acq: 6 Nov 2019 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	389244		
120	44.4	22.8	68.4	





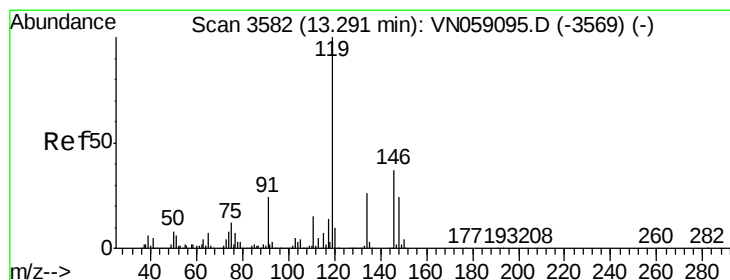
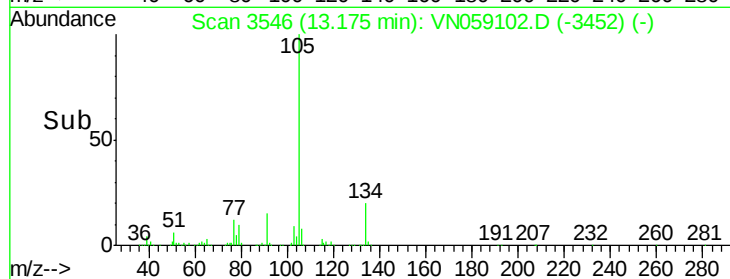
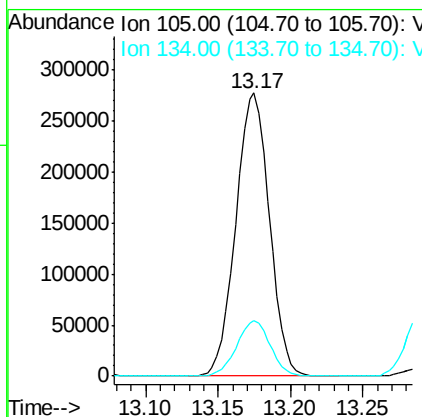
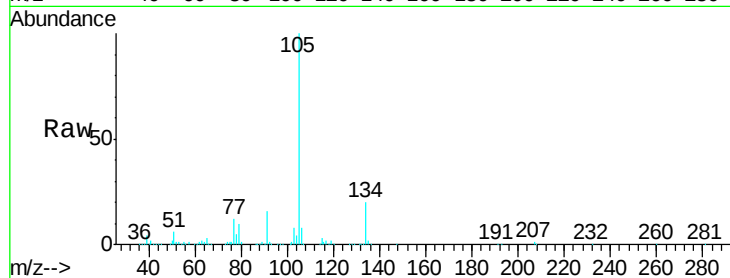
#85
 sec-Butylbenzene
 Concen: 20.546 ug/l
 RT: 13.17 min Scan# 3546
 Delta R.T. 0.00 min
 Lab File: VN059102.D
 Acq: 6 Nov 2019 13:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1106WBS01

Tgt Ion	Ratio	Lower	Upper
105	100		
134	19.7	9.7	29.1

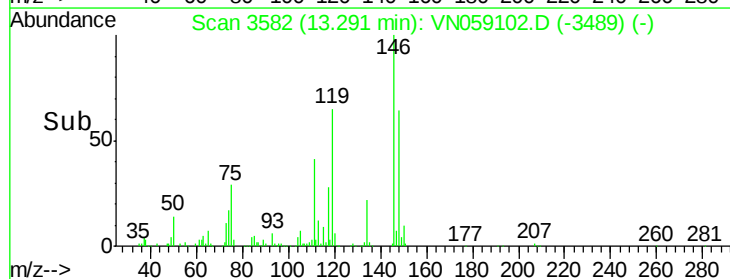
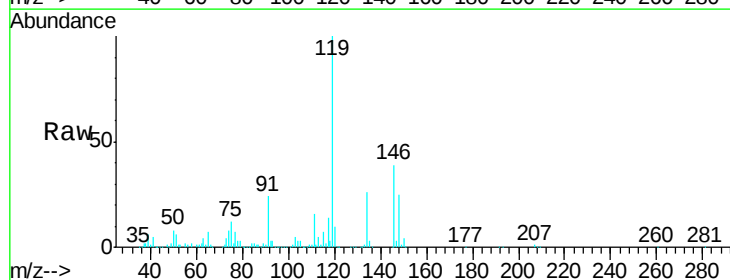
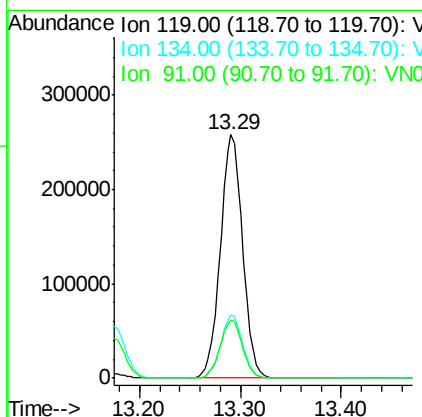
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#86
 p-Isopropyltoluene
 Concen: 20.752 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN059102.D
 Acq: 6 Nov 2019 13:12

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.7	13.0	38.9
91	23.7	11.7	35.1





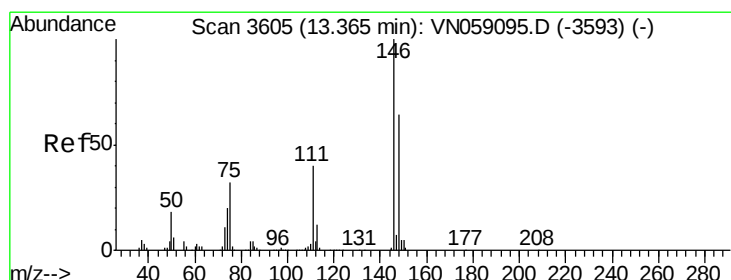
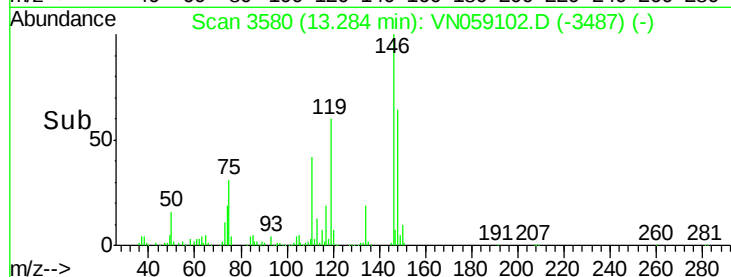
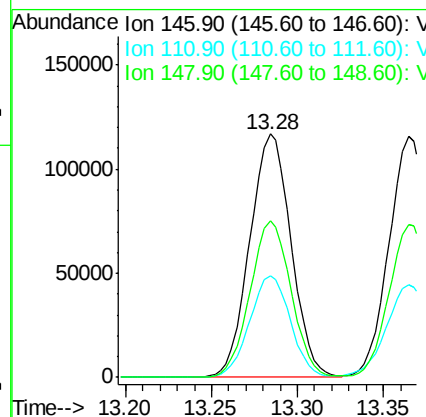
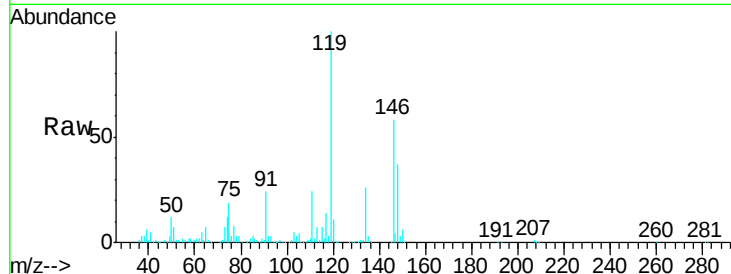
#87
 1,3-Dichlorobenzene
 Concen: 19.891 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. -0.00 min
 Lab File: VN059102.D
 Acq: 6 Nov 2019 13:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1106WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	194795		
111	41.2	20.4	61.3	
148	63.7	32.2	96.6	

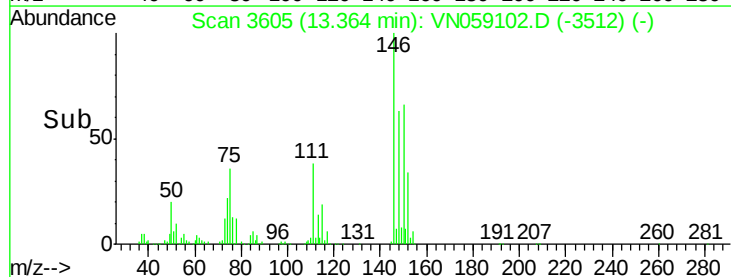
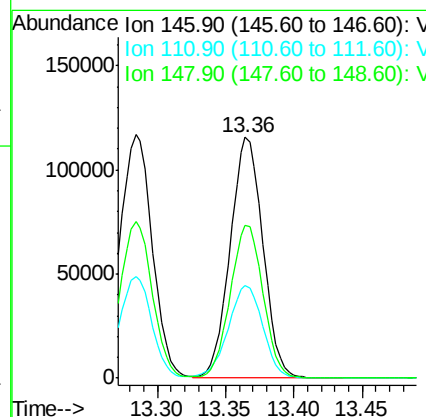
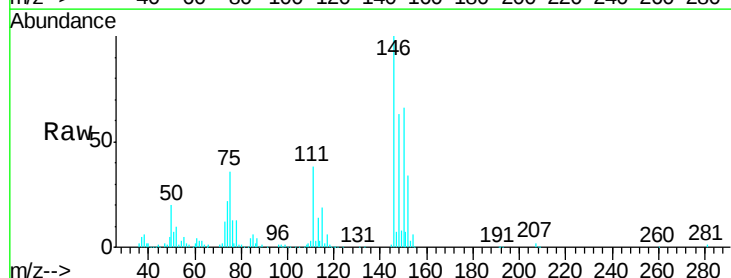
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#88
 1,4-Dichlorobenzene
 Concen: 19.627 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. -0.00 min
 Lab File: VN059102.D
 Acq: 6 Nov 2019 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	192309		
111	40.4	20.3	60.9	
148	63.2	31.9	95.7	





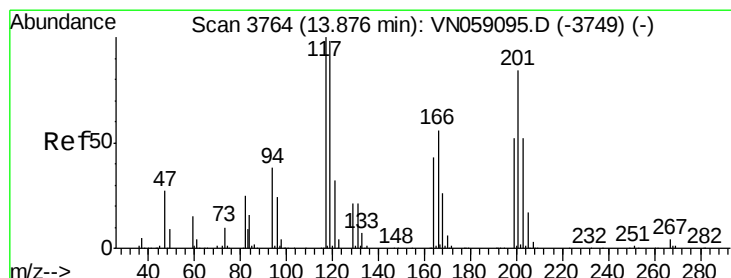
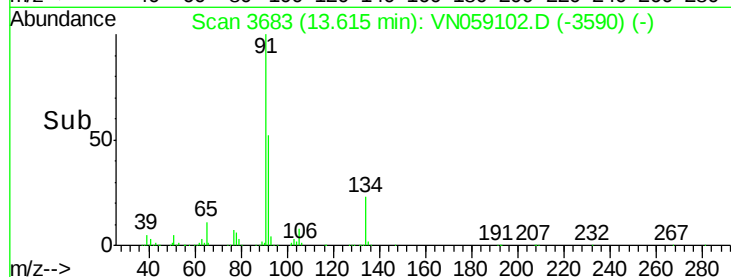
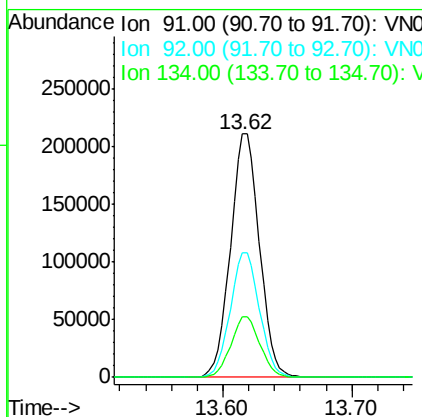
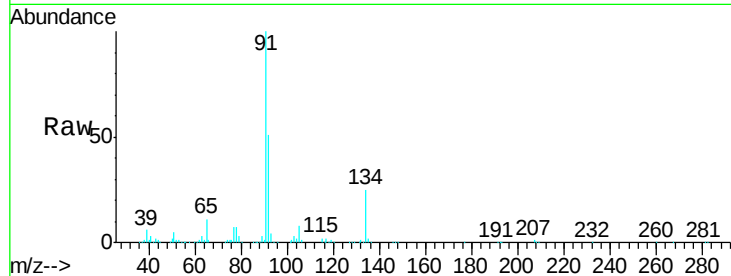
#89
n-Butylbenzene
Concen: 19.600 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. -0.00 min
Lab File: VN059102.D
Acq: 6 Nov 2019 13:12

Instrument :
MSVOA_N
ClientSampleId :
VN1106WBS01

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.7	26.1	78.3
134	25.0	12.6	37.8

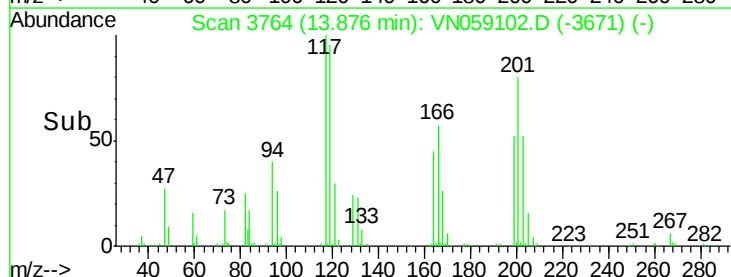
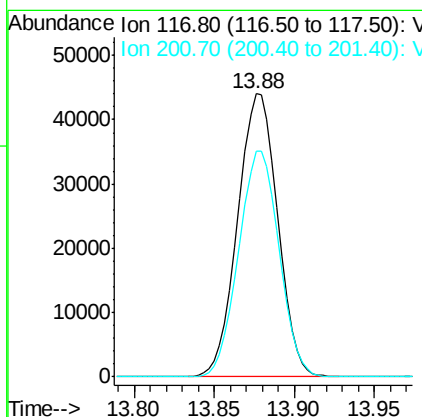
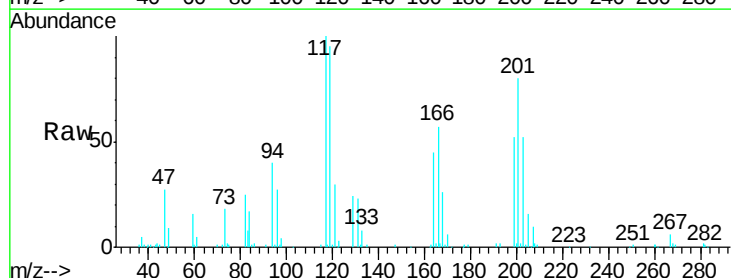
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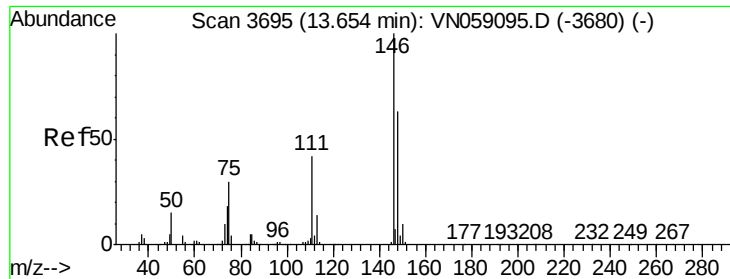
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#90
Hexachloroethane
Concen: 19.558 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. -0.00 min
Lab File: VN059102.D
Acq: 6 Nov 2019 13:12

Tgt Ion	Ratio	Lower	Upper
117	100		
201	80.8	41.8	125.3





#91

1,2-Dichlorobenzene

Concen: 20.259 ug/l

RT: 13.66 min Scan# 3696

Delta R.T. 0.00 min

Lab File: VN059102.D

Acq: 6 Nov 2019 13:12

Instrument :

MSVOA_N

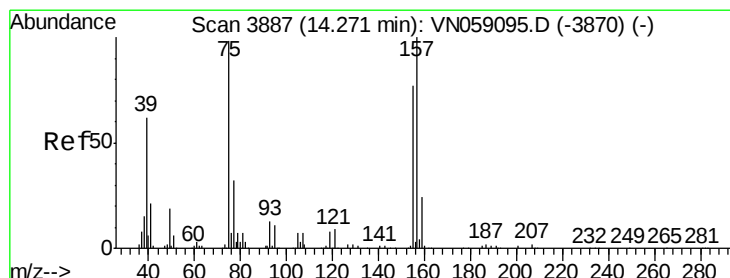
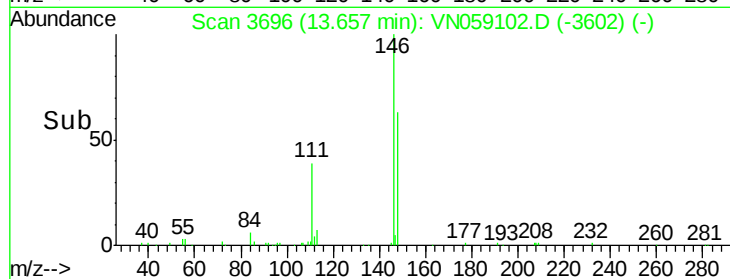
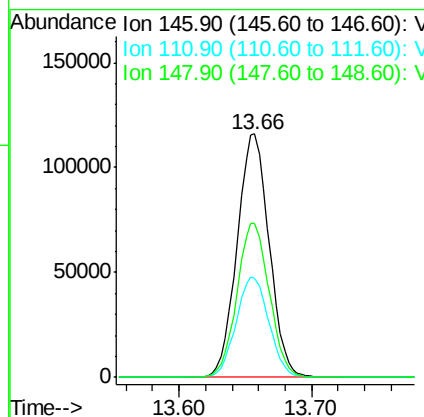
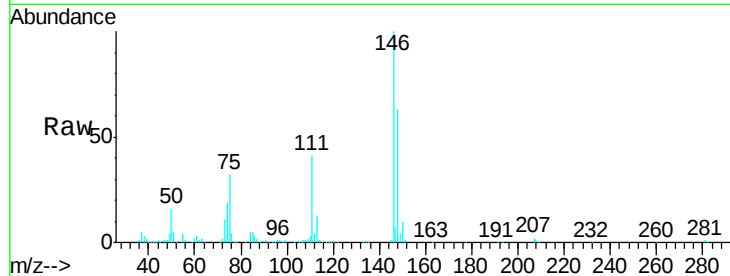
ClientSampleId :

VN1106WBS01

Tgt Ion:	146	Resp:	195159
Ion Ratio	Lower	Upper	
146	100		
111	42.2	21.2	63.6
148	63.8	31.6	94.7

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#92

1,2-Dibromo-3-Chloropropane

Concen: 21.015 ug/l

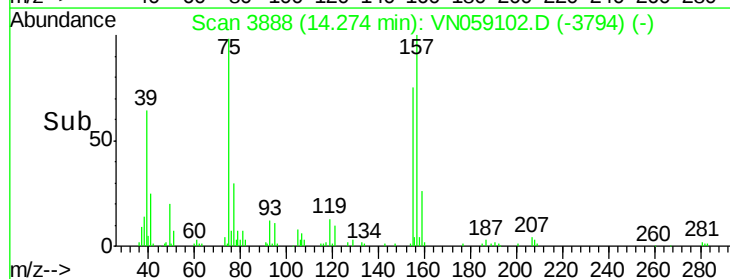
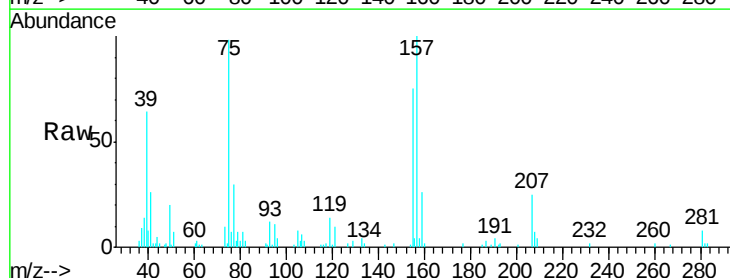
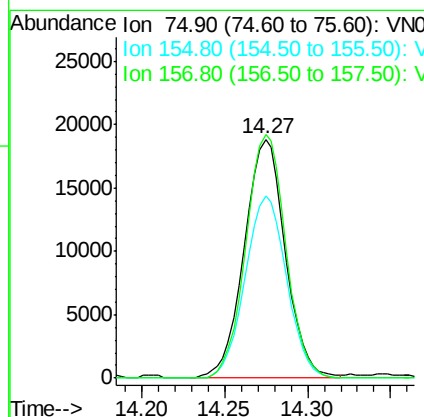
RT: 14.27 min Scan# 3888

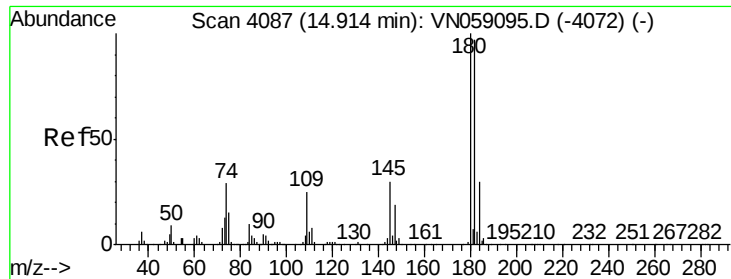
Delta R.T. 0.00 min

Lab File: VN059102.D

Acq: 6 Nov 2019 13:12

Tgt Ion:	75	Resp:	32476
Ion Ratio	Lower	Upper	
75	100		
155	76.6	40.2	120.6
157	99.0	51.8	155.5





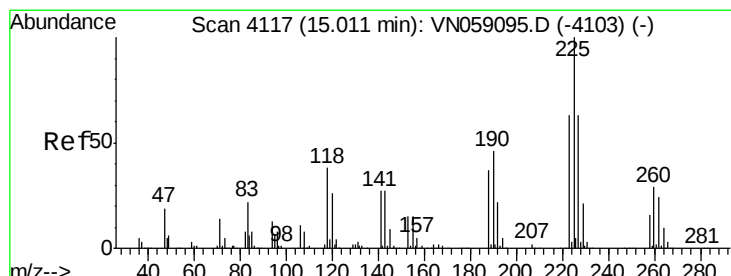
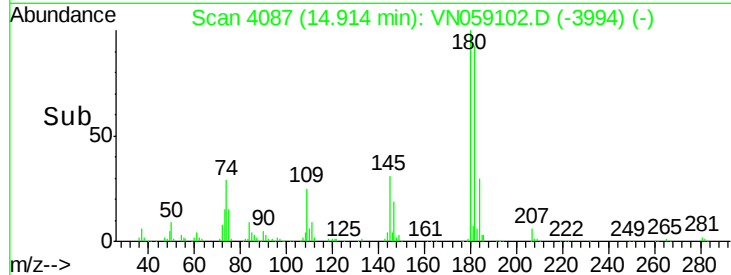
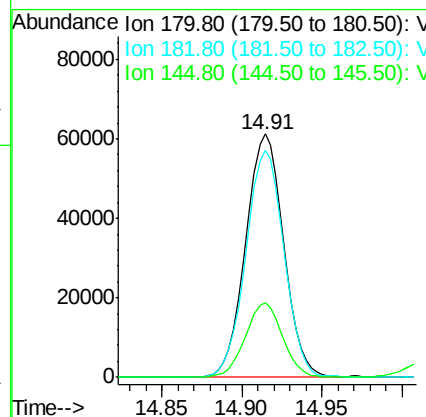
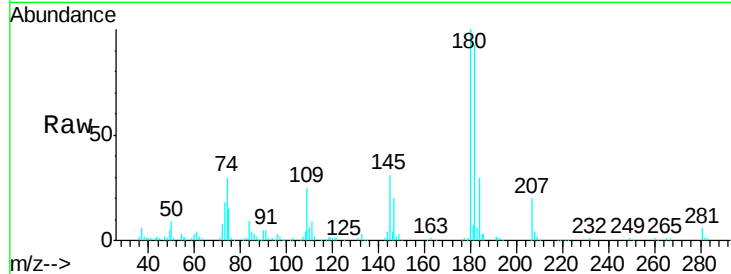
#93
 1,2,4-Trichlorobenzene
 Concen: 18.982 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN059102.D
 Acq: 6 Nov 2019 13:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1106WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	99180		
182	93.5	48.1	144.3	
145	30.0	15.1	45.3	

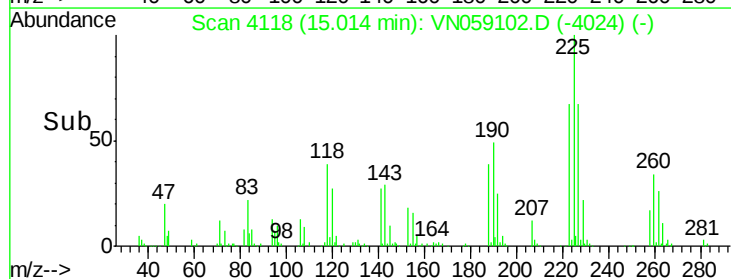
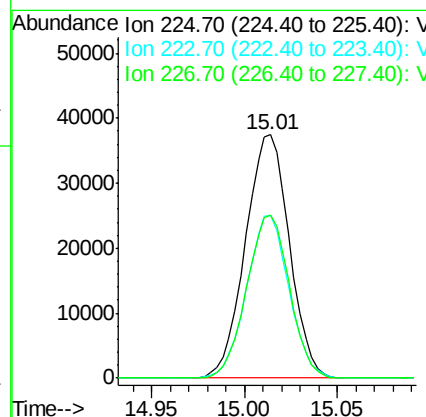
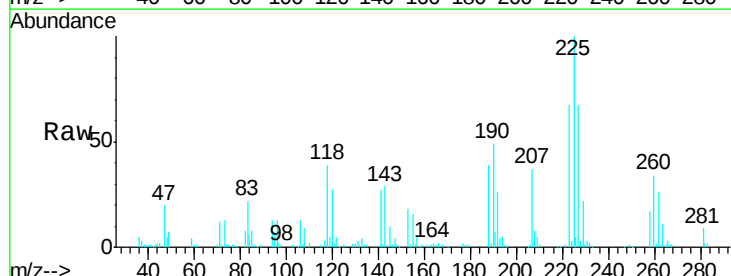
Manual Integrations
 APPROVED

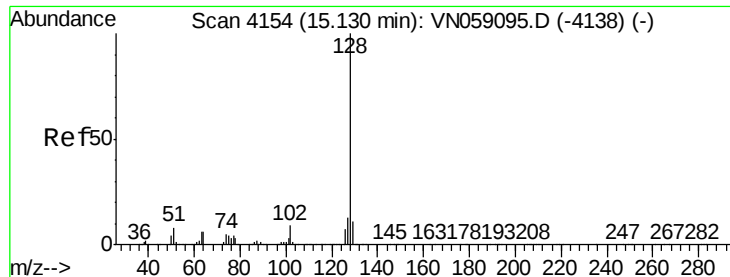
MMDadoda
 11/7/2019 9:16:28 AM



#94
 Hexachlorobutadiene
 Concen: 18.623 ug/l
 RT: 15.01 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN059102.D
 Acq: 6 Nov 2019 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	61859		
223	64.6	31.3	93.9	
227	65.3	31.5	94.5	





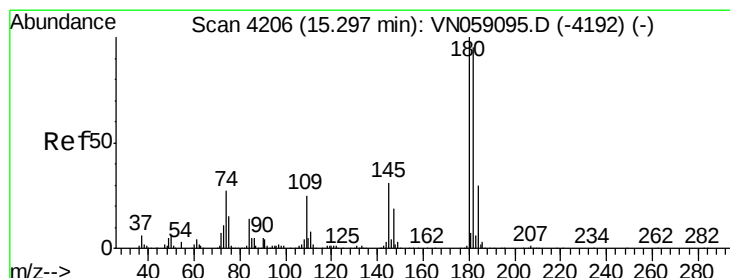
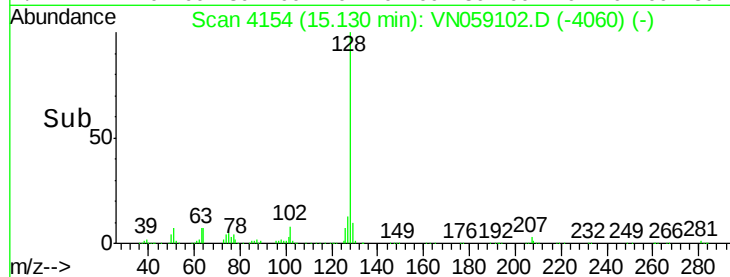
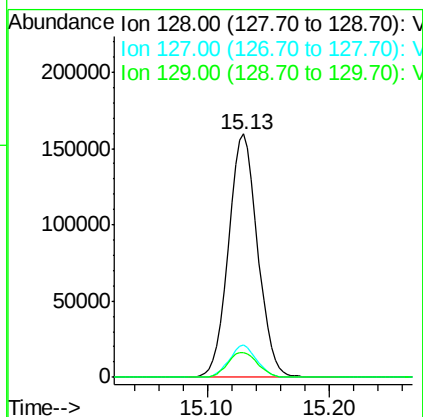
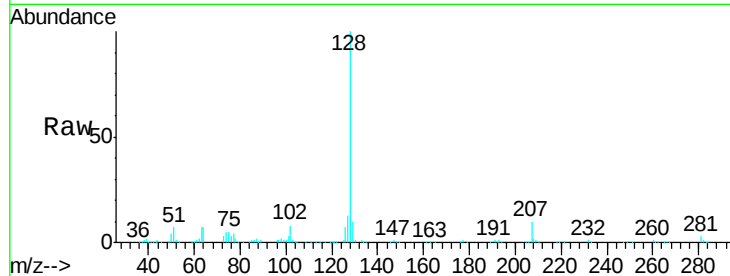
#95
Naphthalene
Concen: 18.435 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN059102.D
Acq: 6 Nov 2019 13:12

Instrument :
MSVOA_N
ClientSampleId :
VN1106WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	265736		
127	12.7	10.2	15.2	
129	10.7	8.6	12.8	

Manual Integrations
APPROVED

MMDadoda
11/7/2019 9:16:28 AM



#96
1,2,3-Trichlorobenzene
Concen: 18.766 ug/l
RT: 15.30 min Scan# 4206
Delta R.T. -0.00 min
Lab File: VN059102.D
Acq: 6 Nov 2019 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	101315		
182	96.1	47.3	141.8	
145	31.9	15.8	47.3	

