

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN110619\
 Data File : VN059092.D
 Acq On : 6 Nov 2019 8:55
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 11/7/2019 8:38:38 AM

Quant Time: Nov 07 03:21:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 07 03:09:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	458257	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	730984	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	636267	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	240984	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.00	65	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	0.00	98	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
62) 4-Bromofluorobenzene	0.00	95	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	4916	1.000	ug/l	98
3) Chloromethane	2.04	50	7378	1.108	ug/l	93
4) Vinyl Chloride	2.17	62	6488	1.002	ug/l #	85
6) Chloroethane	2.69	64	4169	1.051	ug/l	100
7) Trichlorofluoromethane	3.00	101	7685	0.996	ug/l	95
8) Diethyl Ether	3.39	74	2964	0.981	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.73	101	4569	1.004	ug/l	94
12) 1,1-Dichloroethene	3.71	96	4514	0.998	ug/l	98
14) Allyl chloride	4.29	41	9811	1.095	ug/l	97
15) Acrylonitrile	4.96	53	11791	4.191	ug/l	91
16) Acetone	3.79	43	12826	4.158	ug/l	97
17) Carbon Disulfide	4.03	76	15307	1.073	ug/l #	93
18) Methyl Acetate	4.31	43	6833m	0.879	ug/l	
19) Methyl tert-butyl Ether	5.02	73	14187	0.920	ug/l	97
20) Methylene Chloride	4.52	84	5666	1.056	ug/l	94
21) trans-1,2-Dichloroethene	5.01	96	4646	0.958	ug/l	85
22) Diisopropyl ether	5.92	45	16028	0.938	ug/l	93
23) Vinyl Acetate	5.87	43	60540	4.460	ug/l	98
24) 1,1-Dichloroethane	5.82	63	9578	0.980	ug/l #	94
25) 2-Butanone	6.81	43	17226	4.223	ug/l	96
26) 2,2-Dichloropropane	6.79	77	9149	1.080	ug/l	96
27) cis-1,2-Dichloroethene	6.80	96	5563	1.015	ug/l	97
28) Bromochloromethane	7.17	49	3048	1.017	ug/l #	100
29) Tetrahydrofuran	7.19	42	11468	4.458	ug/l	96
30) Chloroform	7.35	83	9500	1.017	ug/l	95
32) 1,1,1-Trichloroethane	7.55	97	7275	0.921	ug/l #	49
36) 1,1-Dichloropropene	7.77	75	6536	0.904	ug/l	97
37) Ethyl Acetate	6.90	43	7415	0.922	ug/l #	83
38) Carbon Tetrachloride	7.75	117	6940	0.984	ug/l	93
39) Methylcyclohexane	9.06	83	7214	0.866	ug/l	98
40) Benzene	8.01	78	20719	0.963	ug/l	99
41) Methacrylonitrile	7.15	41	2589m	0.741	ug/l	
42) 1,2-Dichloroethane	8.10	62	7022	0.939	ug/l	88
43) Isopropyl Acetate	8.14	43	11892	0.948	ug/l #	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	8.82	130	5064	0.956	ug/l	96
45) 1,2-Dichloropropane	9.10	63	5541	0.952	ug/l	97
46) Dibromomethane	9.19	93	3770	1.049	ug/l	95
47) Bromodichloromethane	9.38	83	6791	0.931	ug/l	91
48) Methyl methacrylate	9.18	41	5062	0.884	ug/l	94
49) 1,4-Dioxane	9.18	88	1788	19.270	ug/l	93
51) 4-Methyl-2-Pentanone	9.97	43	30177	4.127	ug/l	97
52) Toluene	10.14	92	11804	0.938	ug/l	97
53) t-1,3-Dichloropropene	10.37	75	7883	0.937	ug/l #	61
54) cis-1,3-Dichloropropene	9.82	75	8095	0.913	ug/l	98
55) 1,1,2-Trichloroethane	10.55	97	5199	1.011	ug/l	95
56) Ethyl methacrylate	10.42	69	5373	0.695	ug/l #	79
57) 1,3-Dichloropropane	10.70	76	8532	0.955	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.68	63	12842	4.184	ug/l	97
59) 2-Hexanone	10.74	43	21918	3.946	ug/l	96
60) Dibromochloromethane	10.89	129	5134	0.929	ug/l	93
61) 1,2-Dibromoethane	11.00	107	4907	0.945	ug/l	100
64) Tetrachloroethene	10.62	164	4623	1.041	ug/l	96
65) Chlorobenzene	11.43	112	12582	0.967	ug/l	90
66) 1,1,1,2-Tetrachloroethane	11.50	131	4846	1.011	ug/l #	61
67) Ethyl Benzene	11.51	91	22470	0.998	ug/l	95
68) m/p-Xylenes	11.62	106	15703	1.865	ug/l	100
69) o-Xylene	11.94	106	7783	0.969	ug/l	97
70) Styrene	11.96	104	10576	0.814	ug/l	97
71) Bromoform	12.12	173	3509	0.947	ug/l #	95
73) Isopropylbenzene	12.25	105	20024	1.132	ug/l	95
74) N-amyl acetate	12.07	43	6488	0.829	ug/l #	96
75) 1,1,2,2-Tetrachloroethane	12.50	83	6665	1.058	ug/l	96
76) 1,2,3-Trichloropropane	12.55	75	6419m	1.140	ug/l	
77) Bromobenzene	12.53	156	5111	1.152	ug/l	96
78) n-propylbenzene	12.59	91	22090	1.081	ug/l	100
79) 2-Chlorotoluene	12.67	91	13835	1.090	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	15891	1.056	ug/l	100
82) 4-Chlorotoluene	12.77	91	13017	1.004	ug/l	99
83) tert-Butylbenzene	12.99	119	14243	1.111	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	14756	1.013	ug/l	99
85) sec-Butylbenzene	13.17	105	17655	1.054	ug/l	98
86) p-Isopropyltoluene	13.29	119	14184	0.940	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	7930	1.010	ug/l	97
88) 1,4-Dichlorobenzene	13.36	146	8247m	1.063	ug/l	
89) n-Butylbenzene	13.62	91	12451	0.950	ug/l	92
90) Hexachloroethane	13.88	117	3447	1.151	ug/l	76
91) 1,2-Dichlorobenzene	13.66	146	7692	0.982	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.28	75	1974	1.453	ug/l	53
93) 1,2,4-Trichlorobenzene	14.91	180	3365	0.801	ug/l	96
94) Hexachlorobutadiene	15.01	225	2842	1.119	ug/l	90
95) Naphthalene	15.13	128	9811	0.852	ug/l	96
96) 1,2,3-Trichlorobenzene	15.30	180	4229	0.984	ug/l	83

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MSVOA_N
ClientSampleId :
VSTDICC001

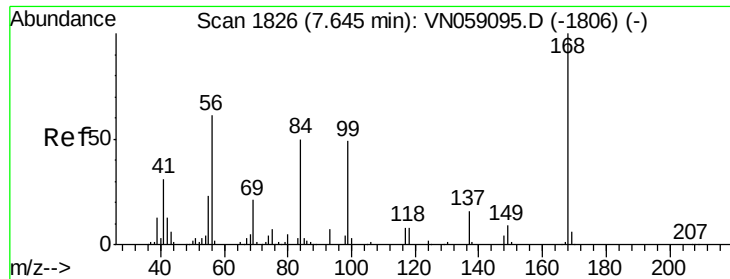
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN059092.D

Acq: 6 Nov 2019 8:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion:168 Resp: 458257

Ion Ratio Lower Upper

168 100

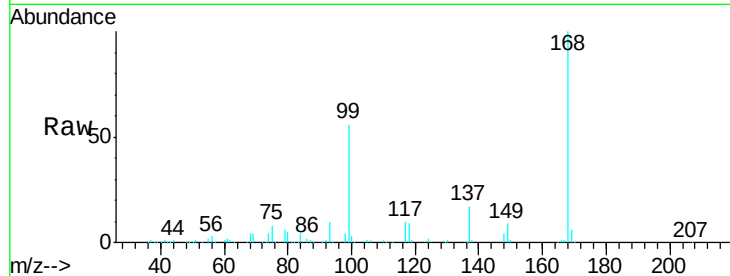
99 56.2 45.7 68.5

Manual Integrations

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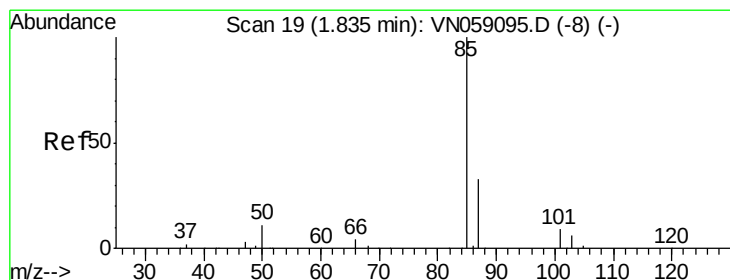
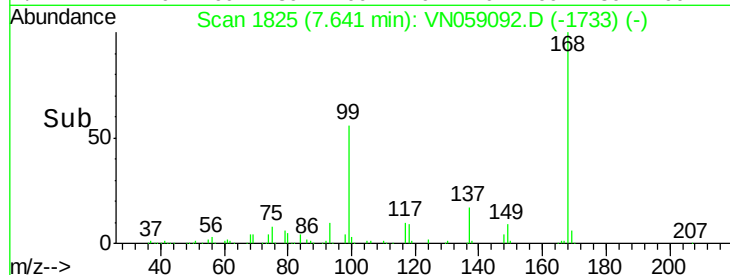
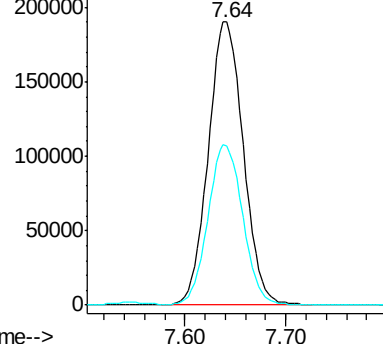
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 1.000 ug/l

RT: 1.83 min Scan# 19

Delta R.T. -0.00 min

Lab File: VN059092.D

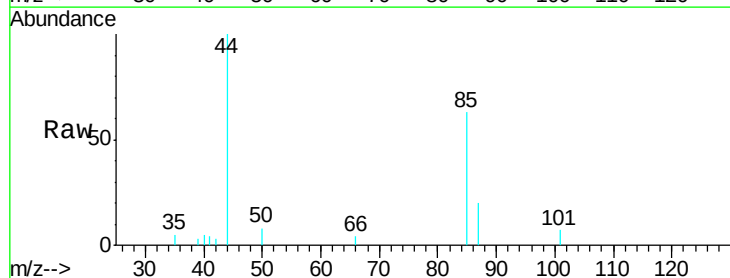
Acq: 6 Nov 2019 8:55

Tgt Ion: 85 Resp: 4916

Ion Ratio Lower Upper

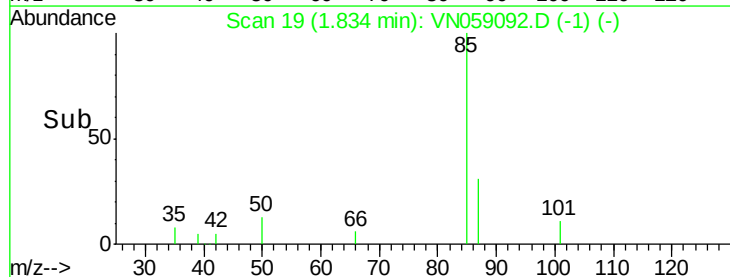
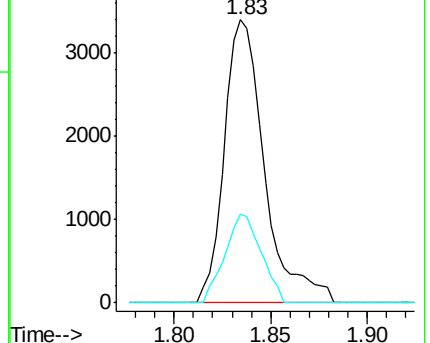
85 100

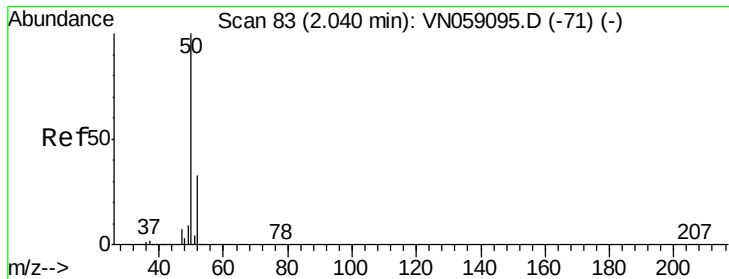
87 31.2 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 1.108 ug/l

RT: 2.04 min Scan# 83

Delta R.T. -0.00 min

Lab File: VN059092.D

Acq: 6 Nov 2019 8:55

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

Tgt Ion: 50 Resp: 7378

Ion Ratio Lower Upper

50 100

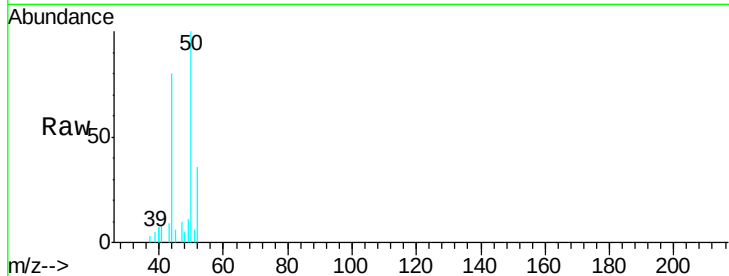
52 36.3 26.0 39.0

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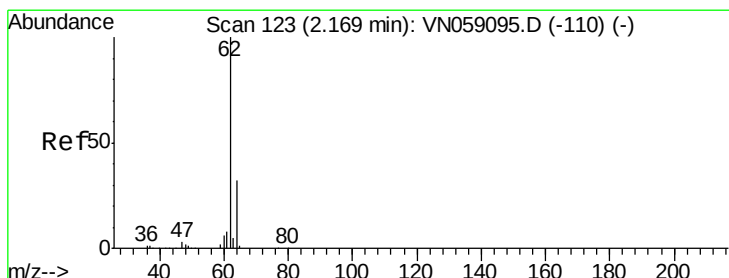
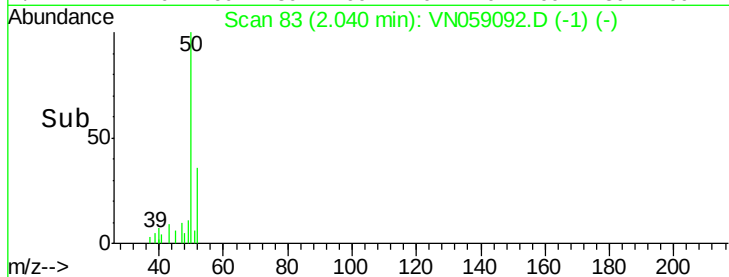
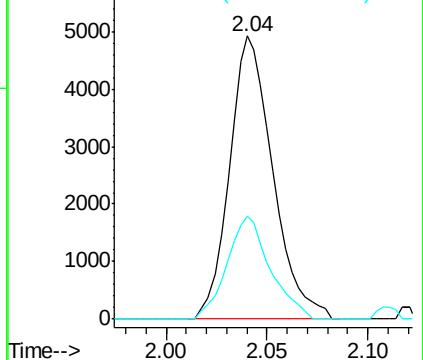
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Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 1.002 ug/l

RT: 2.17 min Scan# 123

Delta R.T. -0.00 min

Lab File: VN059092.D

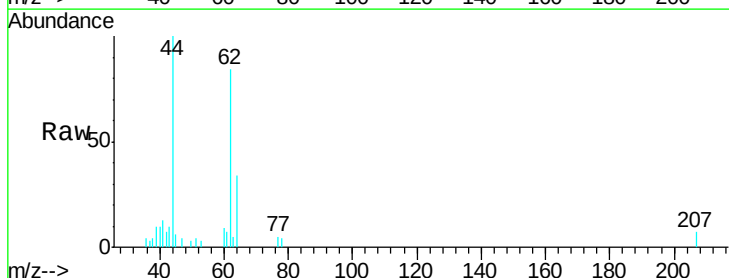
Acq: 6 Nov 2019 8:55

Tgt Ion: 62 Resp: 6488

Ion Ratio Lower Upper

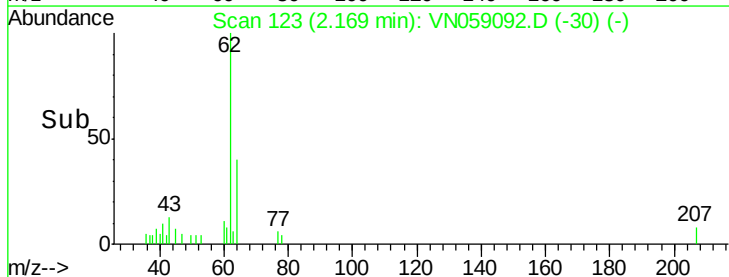
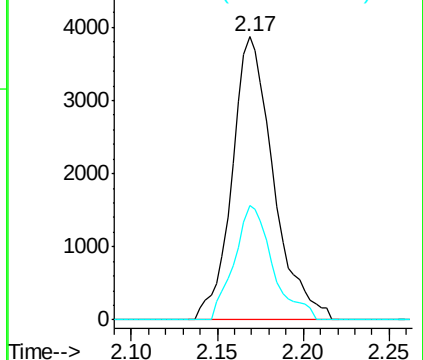
62 100

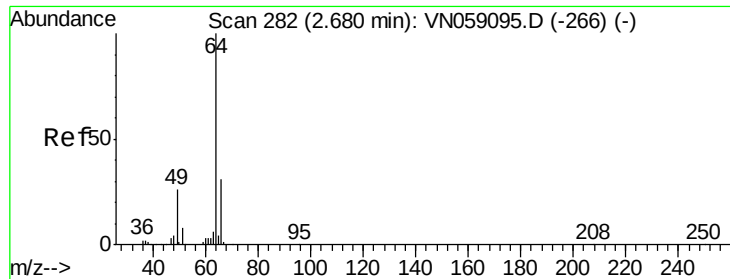
64 40.4 25.4 38.2#



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#6

Chloroethane

Concen: 1.051 ug/l

RT: 2.69 min Scan# 284

Delta R.T. 0.01 min

Lab File: VN059092.D

Acq: 6 Nov 2019 8:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion: 64 Resp: 4169

Ion Ratio Lower Upper

64 100

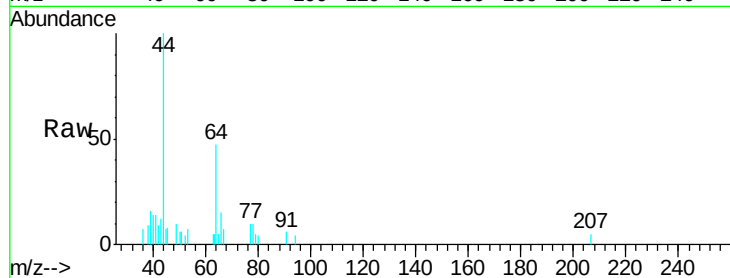
66 31.5 25.2 37.8

Manual Integrations

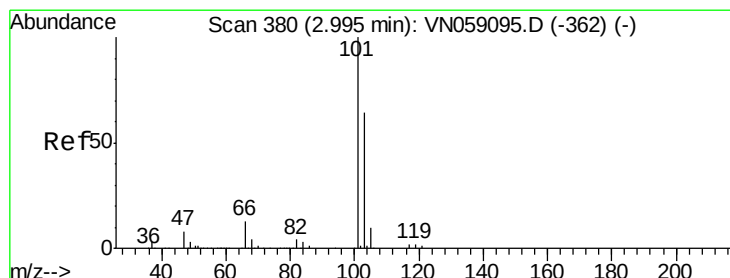
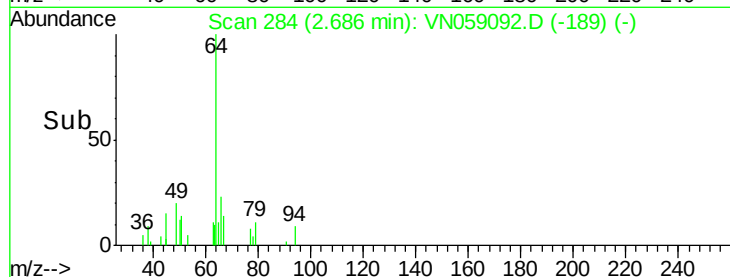
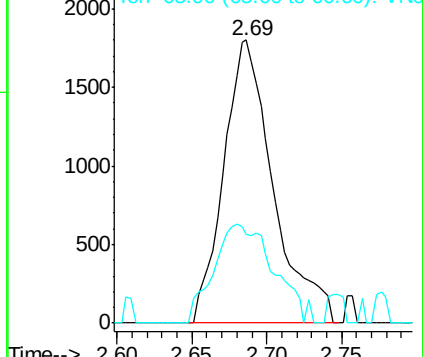
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Abundance Ion 63.90 (63.60 to 64.60): VN059092.D (-189) (-)



#7

Trichlorofluoromethane

Concen: 0.996 ug/l

RT: 3.00 min Scan# 381

Delta R.T. 0.00 min

Lab File: VN059092.D

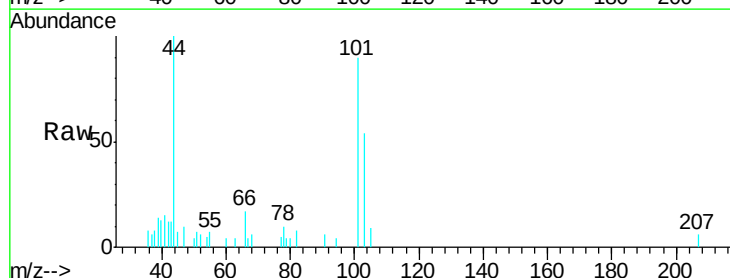
Acq: 6 Nov 2019 8:55

Tgt Ion: 101 Resp: 7685

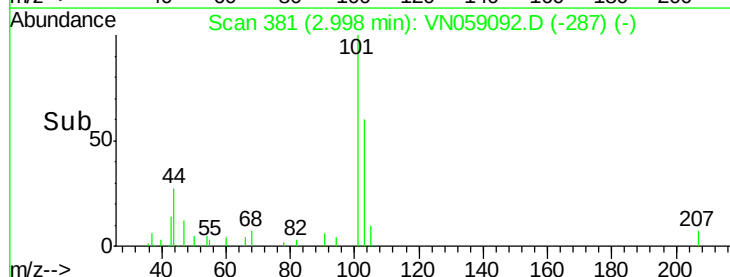
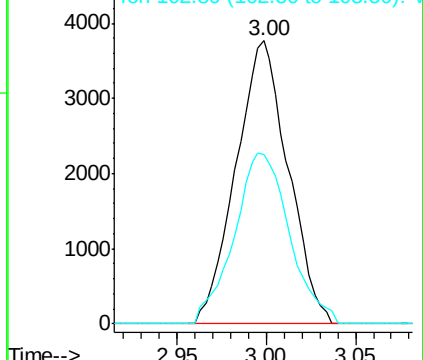
Ion Ratio Lower Upper

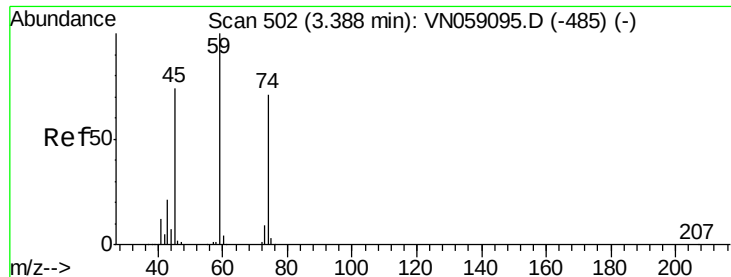
101 100

103 60.0 51.2 76.8



Abundance Ion 100.90 (100.60 to 101.60): VN059092.D (-287) (-)





#8

Diethyl Ether

Concen: 0.981 ug/l

RT: 3.39 min Scan# 503

Delta R.T. 0.00 min

Lab File: VN059092.D

Acq: 6 Nov 2019 8:55

Instrument :

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ClientSampleId :

VSTDIC001

Tgt Ion: 74 Resp: 2964

Ion Ratio Lower Upper

74 100

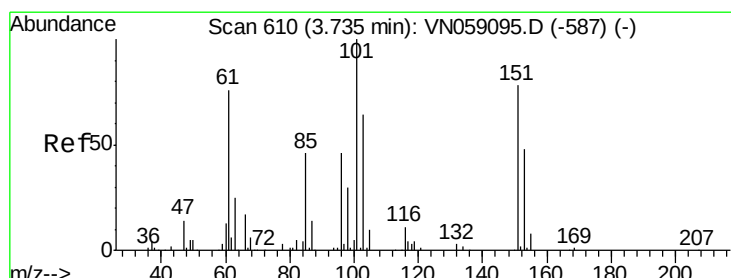
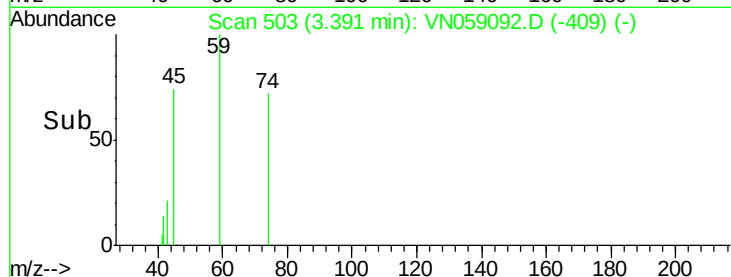
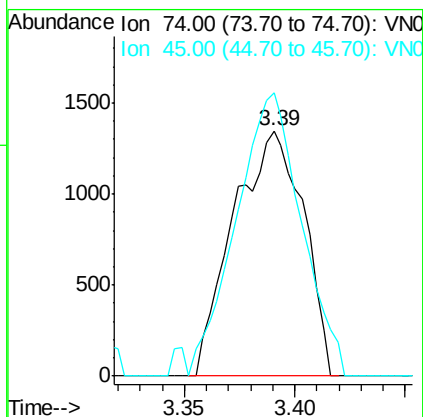
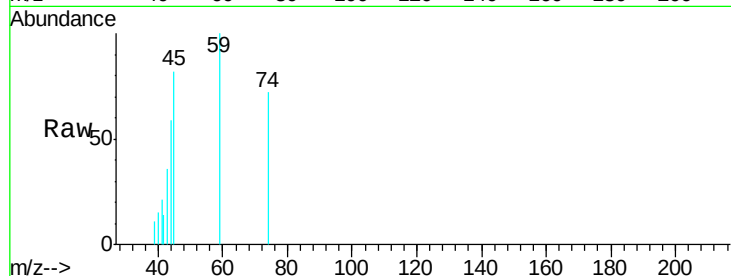
45 107.8 51.6 154.9

Manual Integrations

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#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.004 ug/l

RT: 3.73 min Scan# 608

Delta R.T. -0.01 min

Lab File: VN059092.D

Acq: 6 Nov 2019 8:55

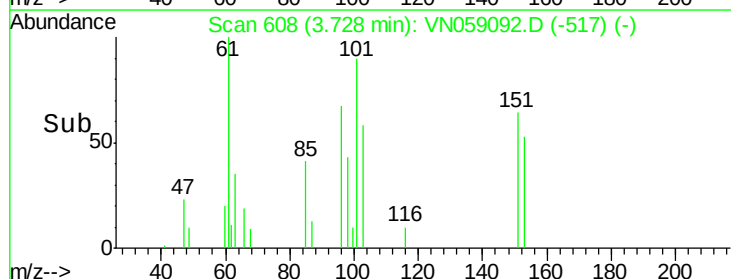
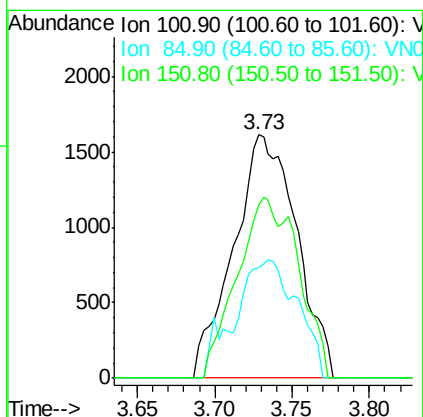
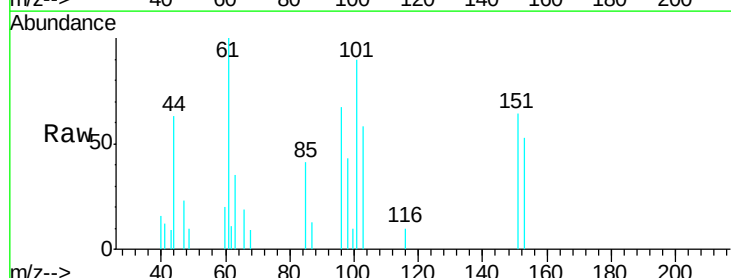
Tgt Ion: 101 Resp: 4569

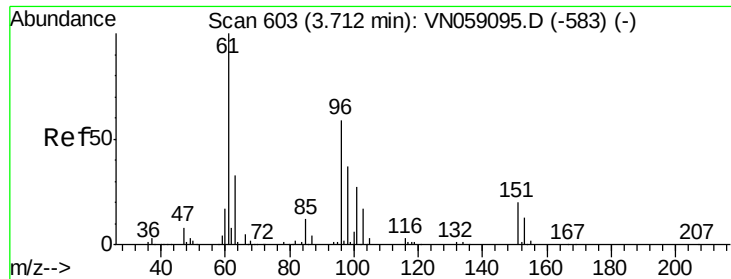
Ion Ratio Lower Upper

101 100

85 40.8 35.5 53.3

151 72.6 62.2 93.2





#12

1,1-Dichloroethene

Concen: 0.998 ug/l

RT: 3.71 min Scan# 601

Delta R.T. -0.01 min

Lab File: VN059092.D

Acq: 6 Nov 2019 8:55

Instrument :

MSVOA_N

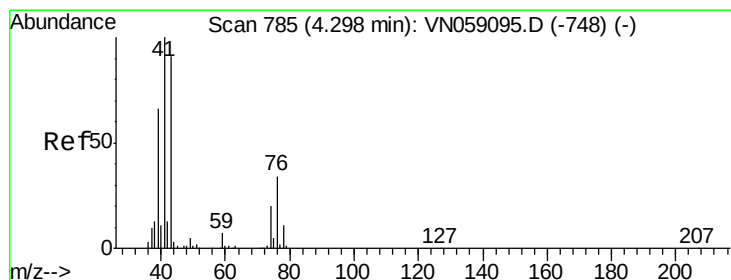
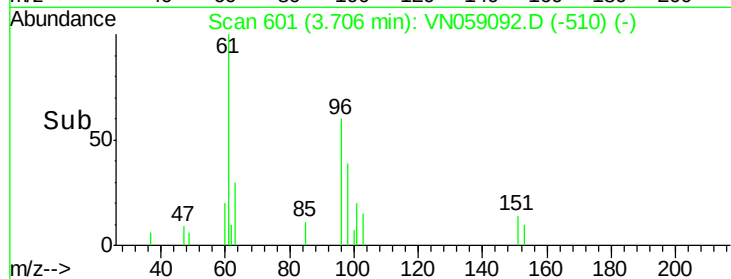
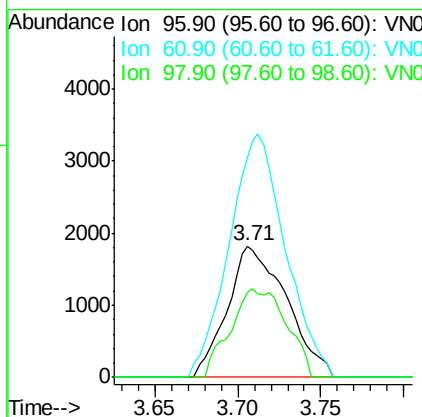
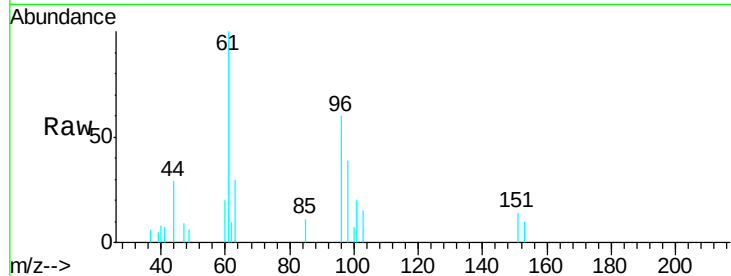
ClientSampleId :

VSTDIC001

Tgt Ion:	96	Resp:	4514
Ion	Ratio	Lower	Upper
96	100		
61	167.8	136.5	204.7
98	65.2	50.2	75.4

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#14

Allyl chloride

Concen: 1.095 ug/l

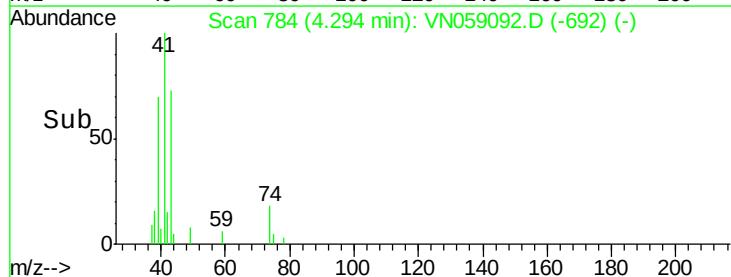
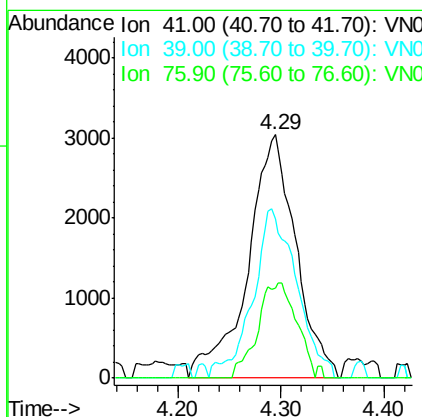
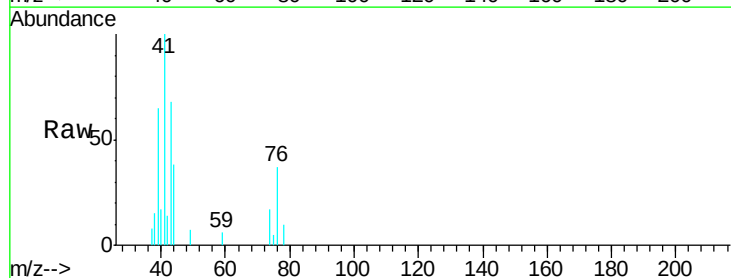
RT: 4.29 min Scan# 784

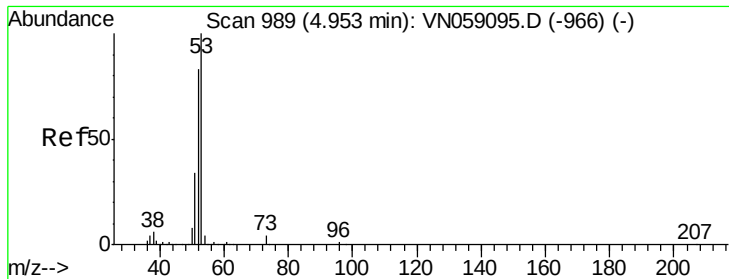
Delta R.T. -0.00 min

Lab File: VN059092.D

Acq: 6 Nov 2019 8:55

Tgt Ion:	41	Resp:	9811
Ion	Ratio	Lower	Upper
41	100		
39	63.8	49.1	73.7
76	31.9	24.9	37.3





#15

Acrylonitrile

Concen: 4.191 ug/l

RT: 4.96 min Scan# 990

Delta R.T. 0.00 min

Lab File: VN059092.D

Acq: 6 Nov 2019 8:55

Instrument :

MSVOA_N

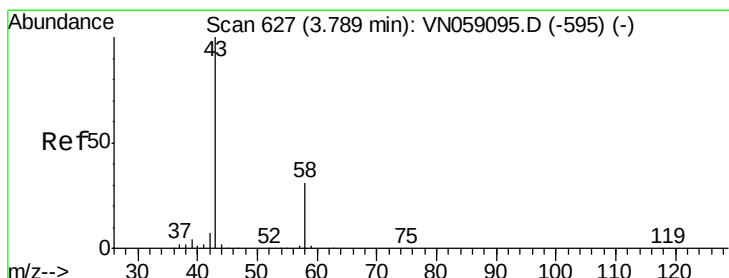
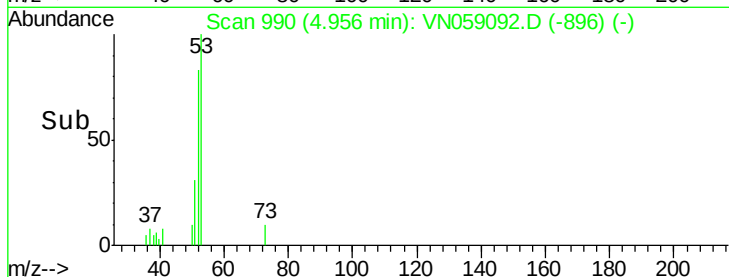
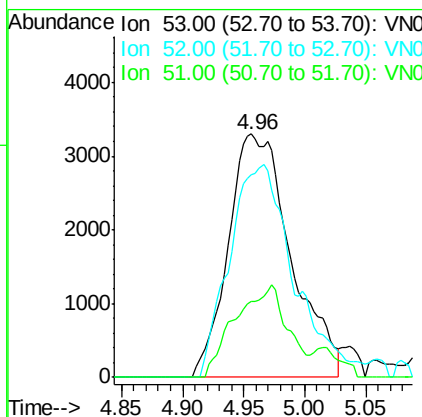
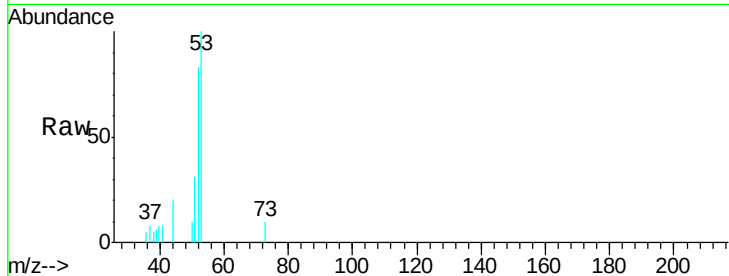
ClientSampleId :

VSTDIC001

Tgt Ion:	53	Resp:	11791
Ion	Ratio	Lower	Upper
53	100		
52	90.2	65.0	97.6
51	32.0	28.0	42.0

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#16

Acetone

Concen: 4.158 ug/l

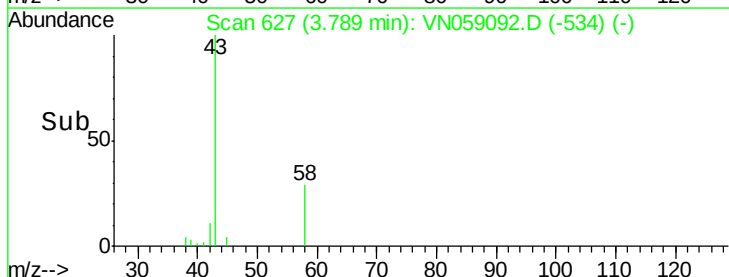
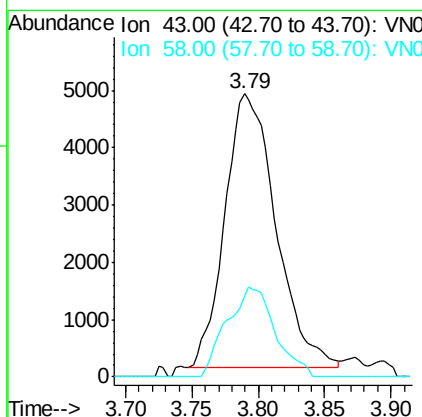
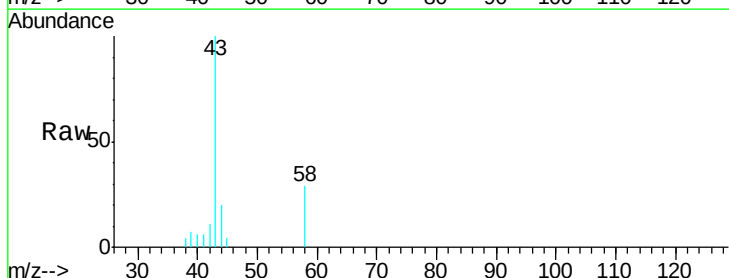
RT: 3.79 min Scan# 627

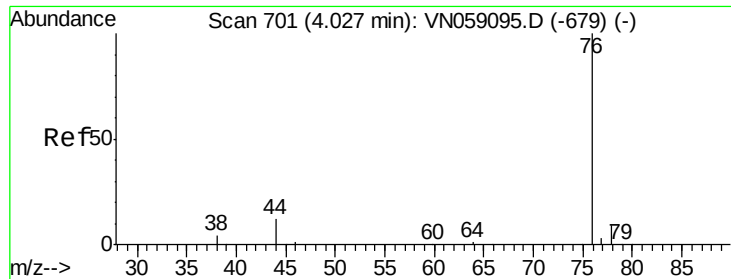
Delta R.T. -0.00 min

Lab File: VN059092.D

Acq: 6 Nov 2019 8:55

Tgt Ion:	43	Resp:	12826
Ion	Ratio	Lower	Upper
43	100		
58	29.4	24.9	37.3





#17

Carbon Disulfide

Concen: 1.073 ug/l

RT: 4.03 min Scan# 702

Delta R.T. 0.00 min

Lab File: VN059092.D

Acq: 6 Nov 2019 8:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion: 76 Resp: 15307

Ion Ratio Lower Upper

76 100

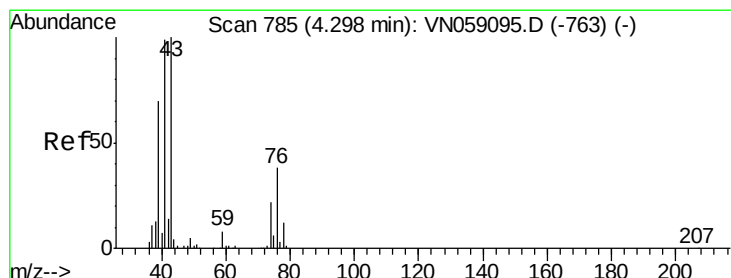
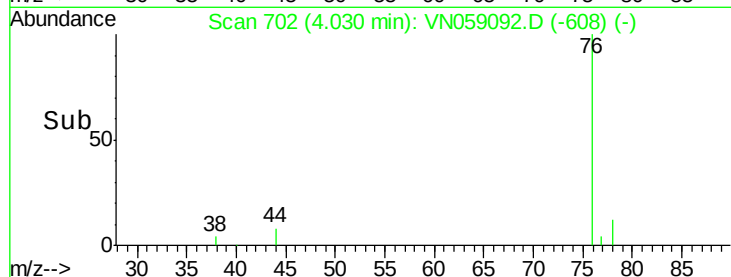
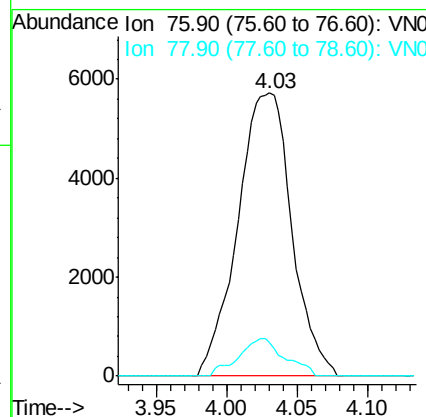
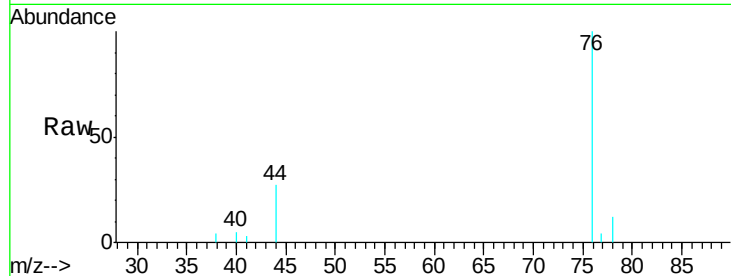
78 11.9 7.4 11.0#

Manual Integrations

APPROVED

MMDadoda

11/7/2019 8:38:38 AM



#18

Methyl Acetate

Concen: 0.879 ug/l m

RT: 4.31 min Scan# 789

Delta R.T. 0.01 min

Lab File: VN059092.D

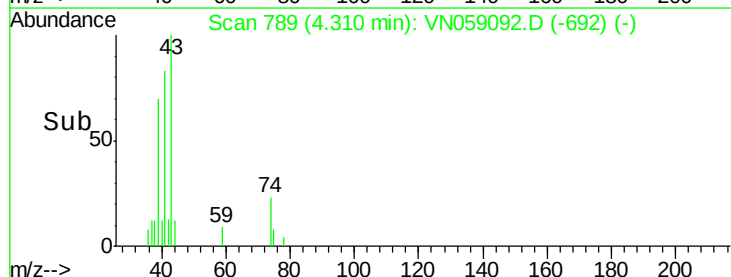
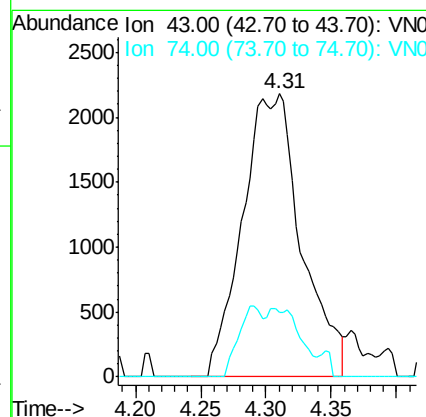
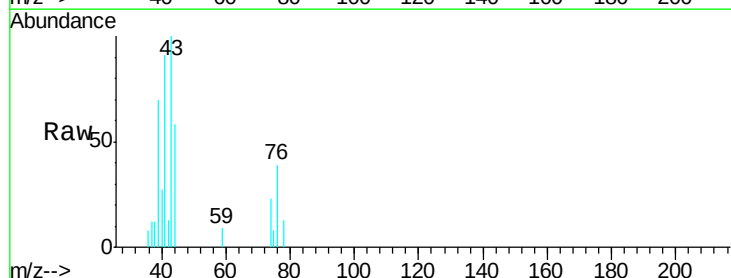
Acq: 6 Nov 2019 8:55

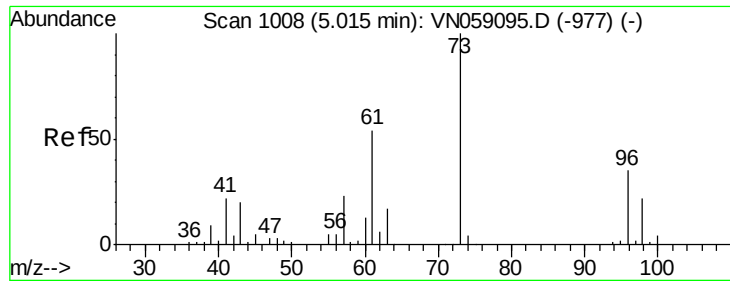
Tgt Ion: 43 Resp: 6833

Ion Ratio Lower Upper

43 100

74 10.1 17.8 26.8#





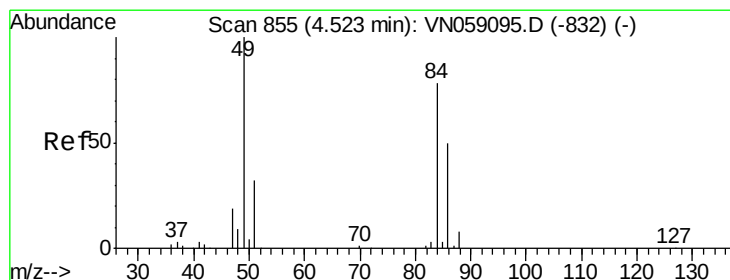
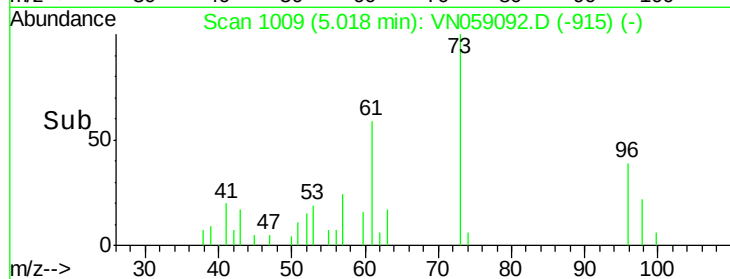
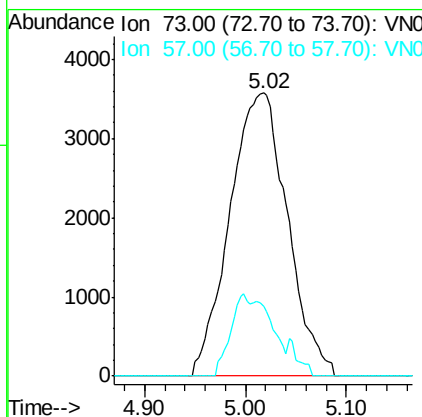
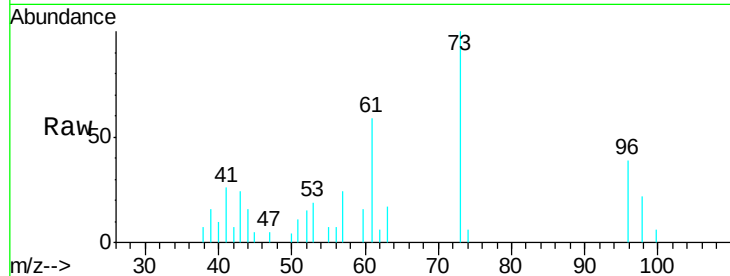
#19
Methyl tert-butyl Ether
Concen: 0.920 ug/l
RT: 5.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: VN059092.D
Acq: 6 Nov 2019 8:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 73 Resp: 14187
Ion Ratio Lower Upper
73 100
57 24.5 18.4 27.6

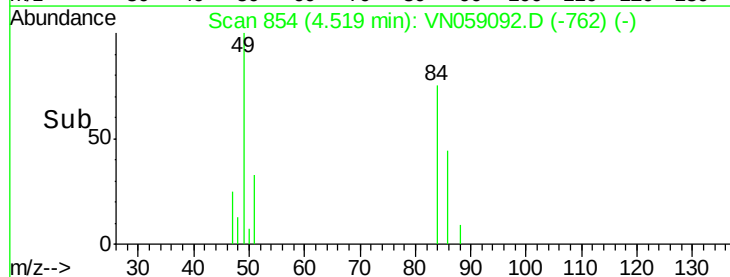
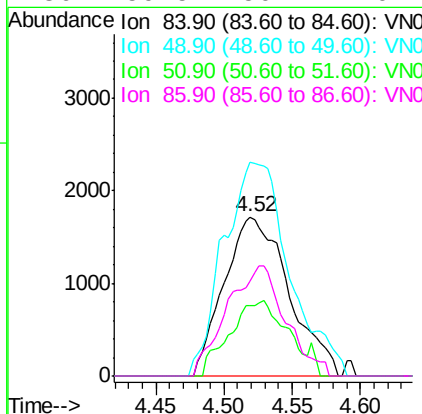
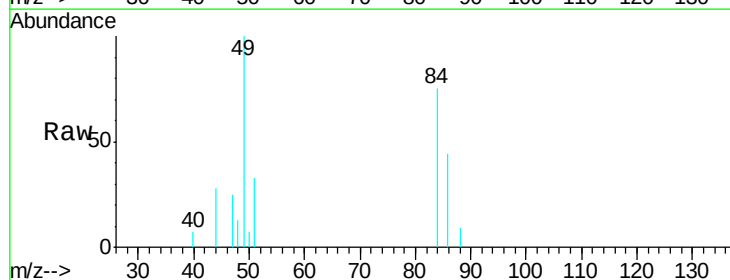
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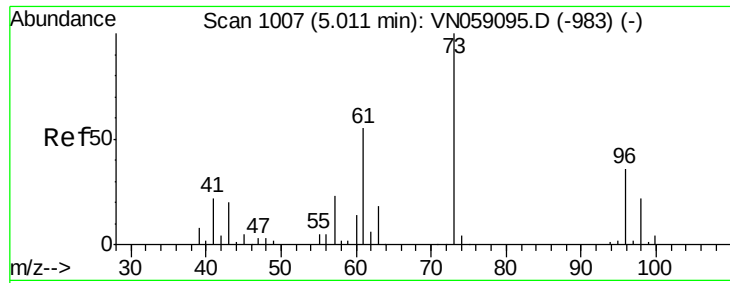
MMDadoda
11/7/2019 8:38:38 AM



#20
Methylene Chloride
Concen: 1.056 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN059092.D
Acq: 6 Nov 2019 8:55

Tgt Ion: 84 Resp: 5666
Ion Ratio Lower Upper
84 100
49 134.1 102.0 153.0
51 44.1 32.2 48.2
86 59.5 50.7 76.1





#21

trans-1,2-Dichloroethene

Concen: 0.958 ug/l

RT: 5.01 min Scan# 1007

Delta R.T. -0.00 min

Lab File: VN059092.D

Acq: 6 Nov 2019 8:55

Instrument :

MSVOA_N

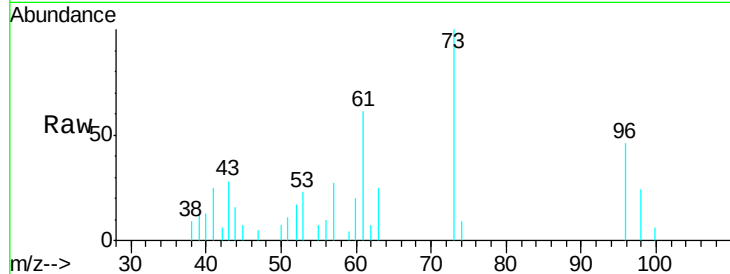
ClientSampleId :

VSTDIC001

Tgt Ion:	96	Resp:	4646
Ion	Ratio	Lower	Upper
96	100		
61	133.0	122.6	183.8
98	52.0	50.3	75.5

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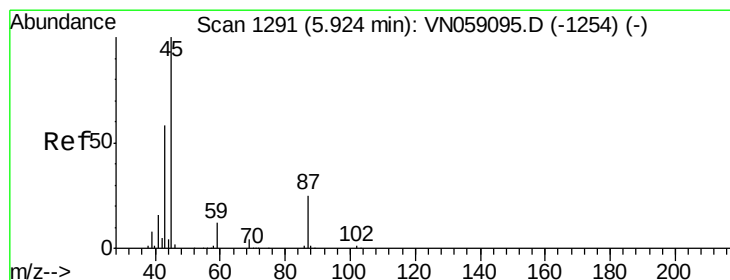
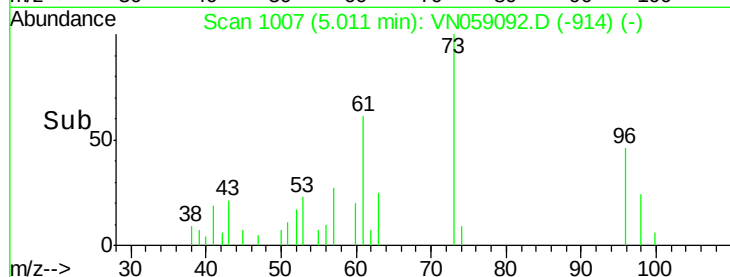
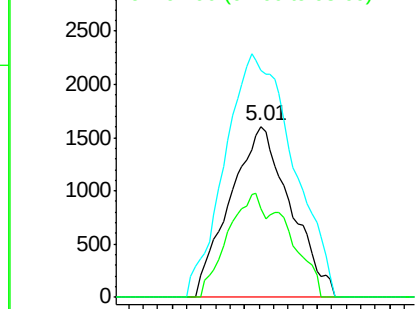


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 0.938 ug/l

RT: 5.92 min Scan# 1291

Delta R.T. -0.00 min

Lab File: VN059092.D

Acq: 6 Nov 2019 8:55

Tgt Ion:	45	Resp:	16028
Ion	Ratio	Lower	Upper
45	100		
43	63.7	46.7	70.1
87	29.5	20.5	30.7
59	10.5	9.6	14.4

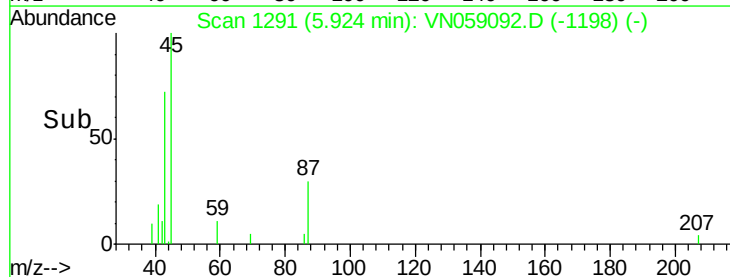
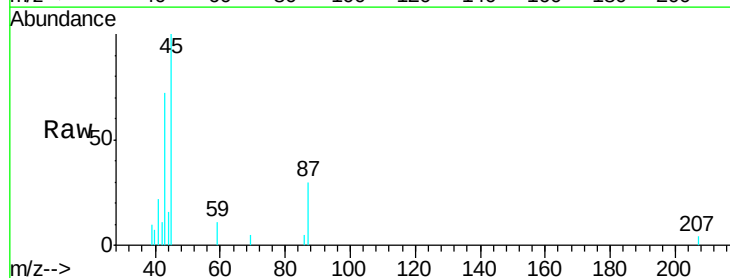
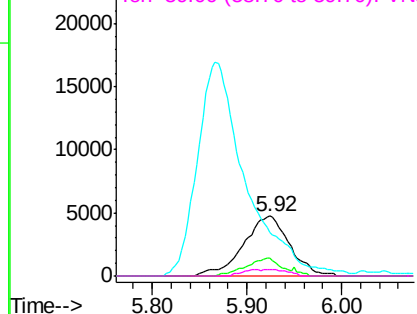
Abundance

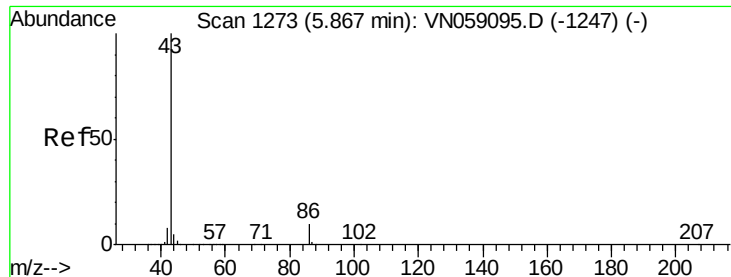
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 4.460 ug/l

RT: 5.87 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VN059092.D

Acq: 6 Nov 2019 8:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion: 43 Resp: 60540

Ion Ratio Lower Upper

43 100

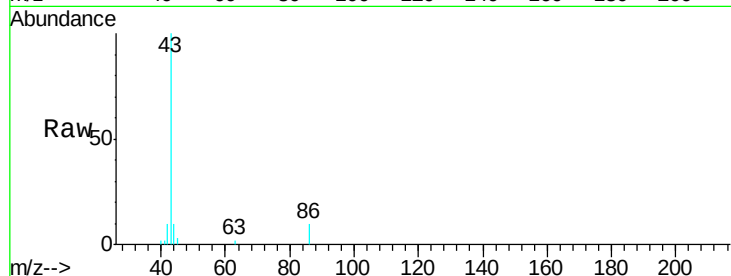
86 10.4 7.7 11.5

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

20000

15000

10000

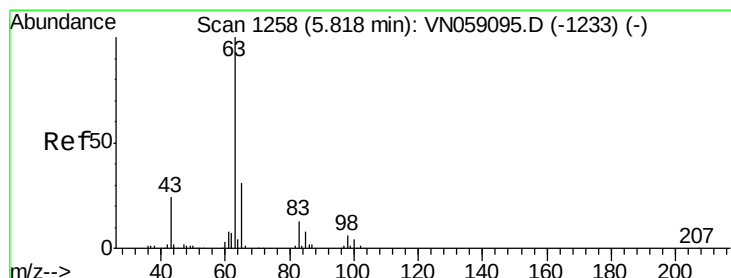
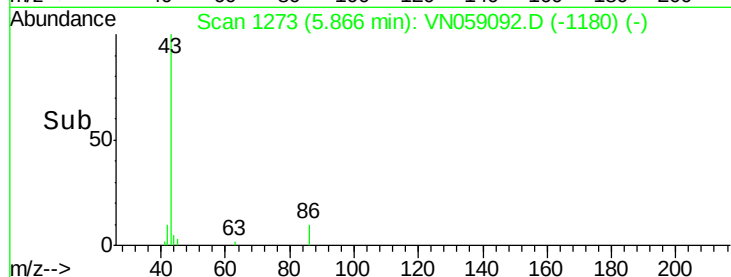
5000

0

Time-->

5.80 5.90 6.00

5.87



#24

1,1-Dichloroethane

Concen: 0.980 ug/l

RT: 5.82 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VN059092.D

Acq: 6 Nov 2019 8:55

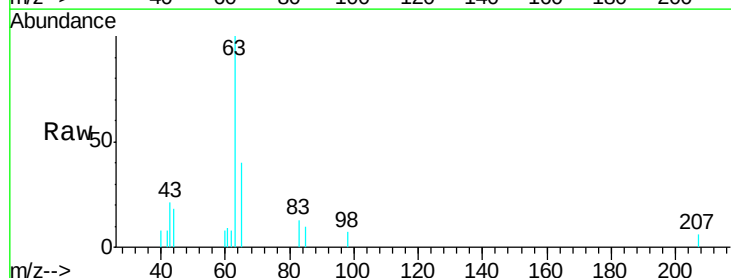
Tgt Ion: 63 Resp: 9578

Ion Ratio Lower Upper

63 100

98 6.5 2.8 8.4

100 0.0 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

3000

2000

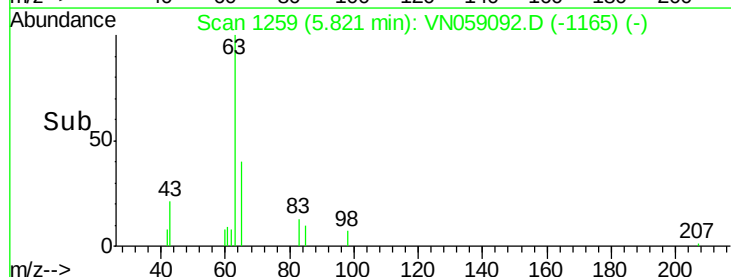
1000

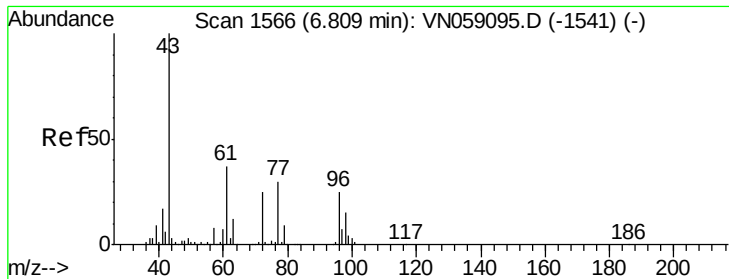
0

Time-->

5.75 5.80 5.85 5.90

5.82





#25

2-Butanone

Concen: 4.223 ug/l

RT: 6.81 min Scan# 1568

Delta R.T. 0.01 min

Lab File: VN059092.D

Acq: 6 Nov 2019 8:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion: 43 Resp: 17226

Ion Ratio Lower Upper

43 100

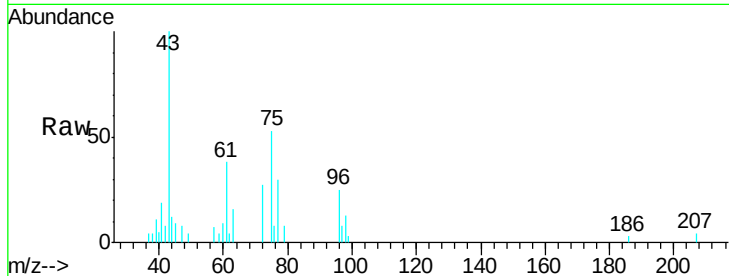
72 27.3 20.3 30.5

Manual Integrations

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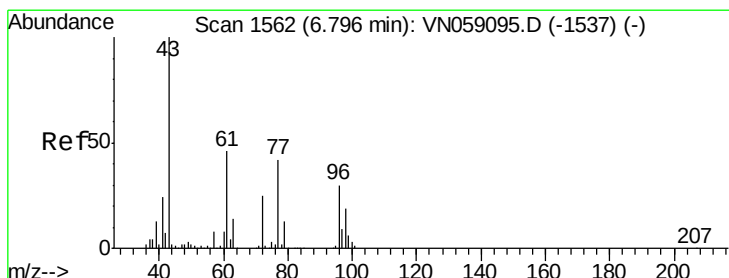
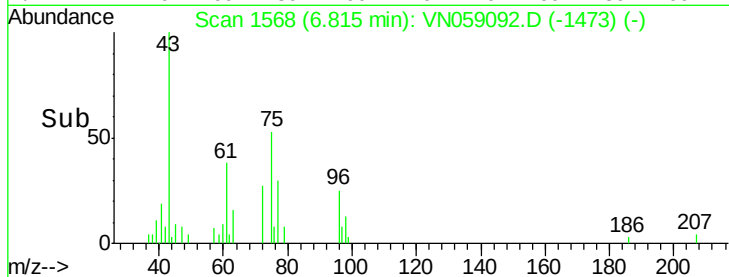
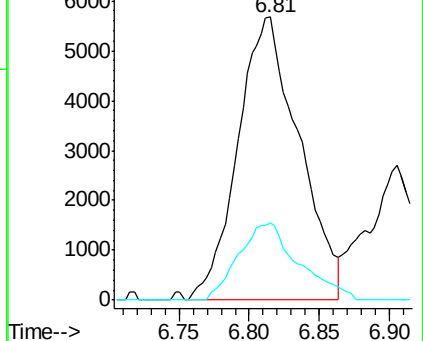
MMDadoda

11/7/2019 8:38:38 AM



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 1.080 ug/l

RT: 6.79 min Scan# 1559

Delta R.T. -0.01 min

Lab File: VN059092.D

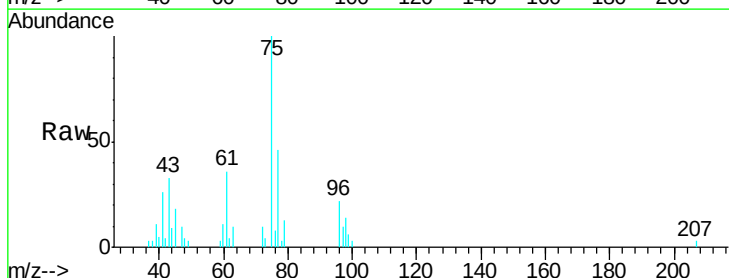
Acq: 6 Nov 2019 8:55

Tgt Ion: 77 Resp: 9149

Ion Ratio Lower Upper

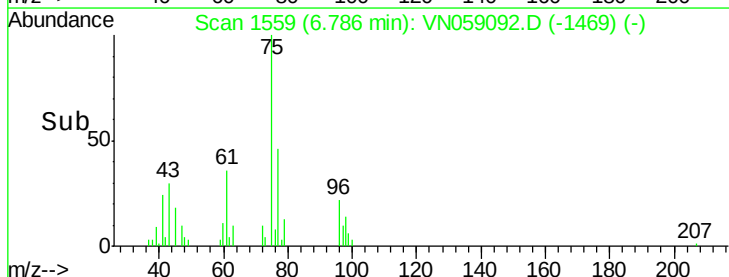
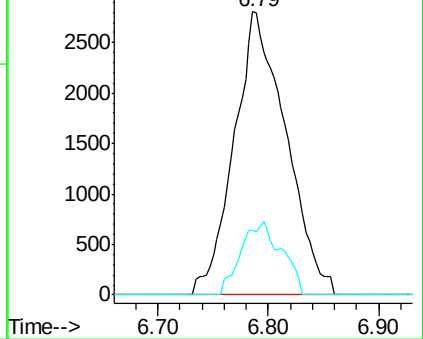
77 100

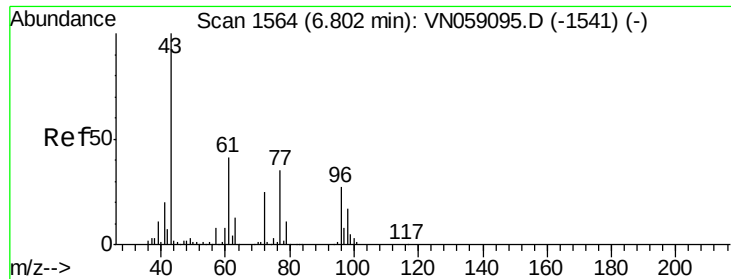
97 20.4 11.2 33.6



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 1.015 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VN059092.D

Acq: 6 Nov 2019 8:55

Instrument :

MSVOA_N

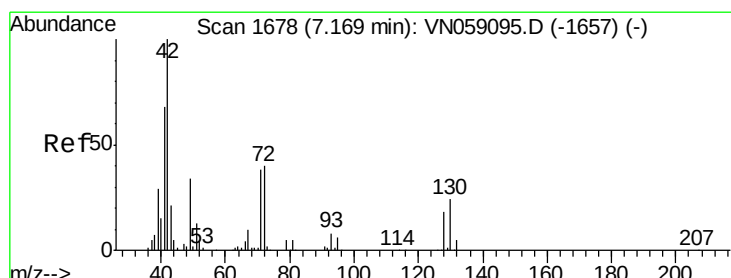
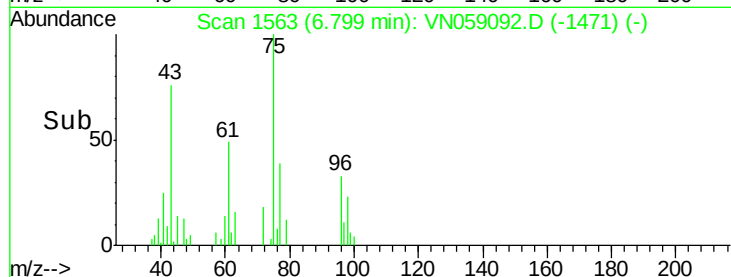
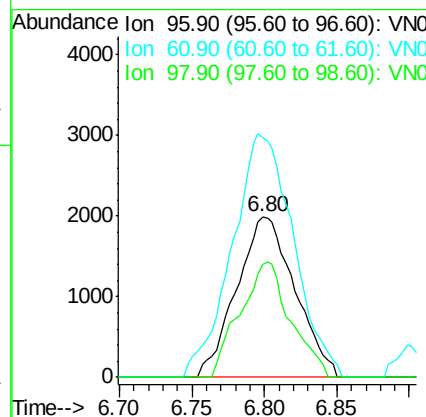
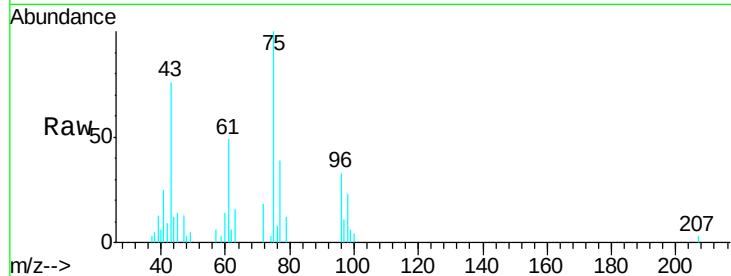
ClientSampleId :

VSTDIC001

Tgt Ion:	96	Resp:	5563
Ion	Ratio	Lower	Upper
96	100		
61	159.5	0.0	311.6
98	62.3	0.0	129.8

Manual Integrations
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#28

Bromochloromethane

Concen: 1.017 ug/l

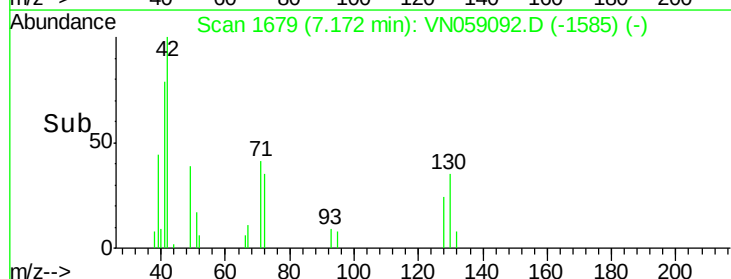
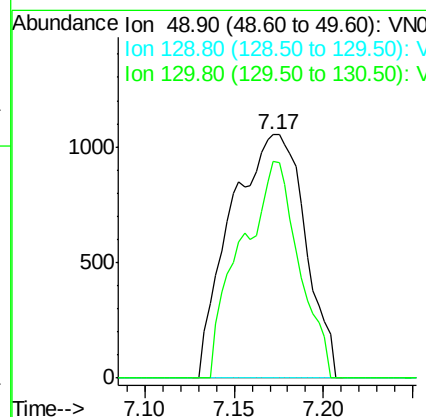
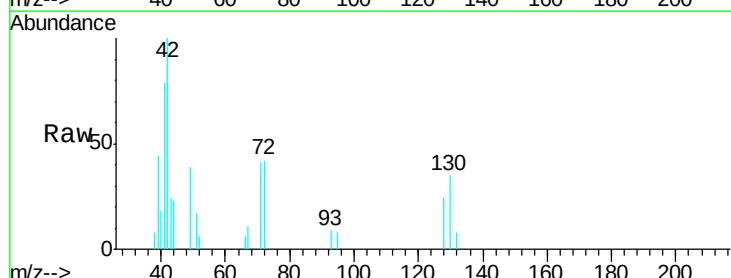
RT: 7.17 min Scan# 1679

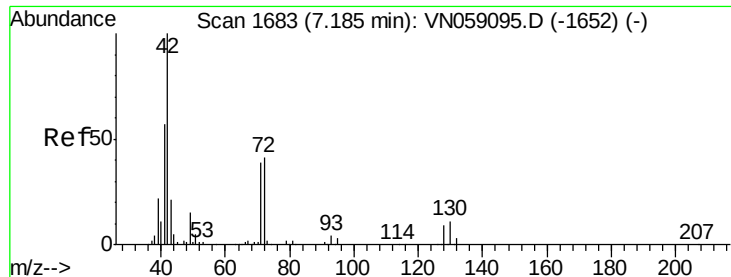
Delta R.T. 0.00 min

Lab File: VN059092.D

Acq: 6 Nov 2019 8:55

Tgt Ion:	49	Resp:	3048
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.8
130	69.4	55.6	83.4





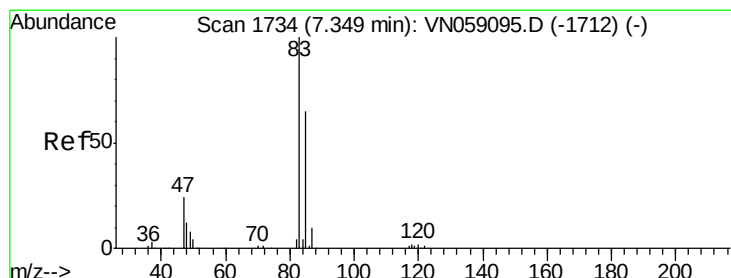
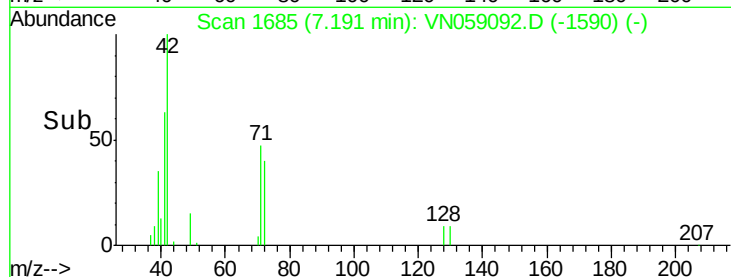
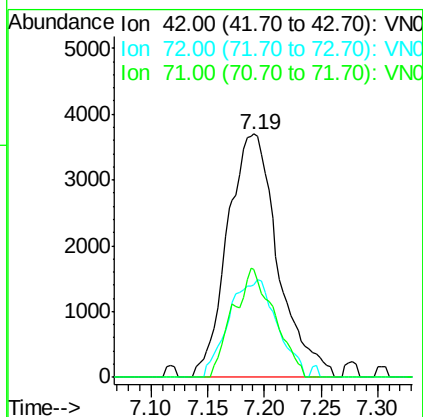
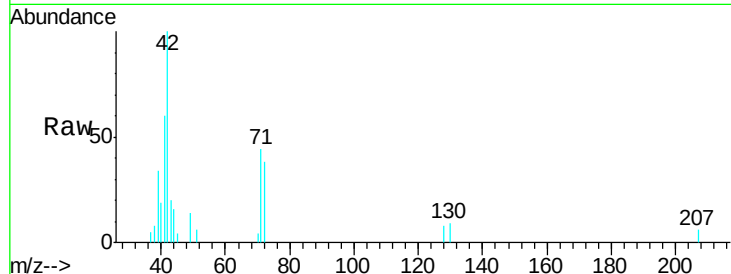
#29
Tetrahydrofuran
Concen: 4.458 ug/l
RT: 7.19 min Scan# 1685
Delta R.T. 0.01 min
Lab File: VN059092.D
Acq: 6 Nov 2019 8:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion	Ratio	Lower	Upper
42	100		
72	38.4	33.1	49.7
71	37.0	30.9	46.3

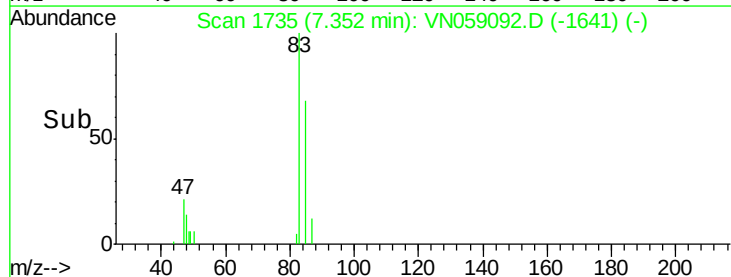
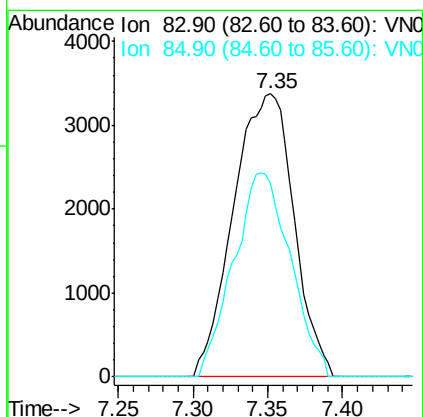
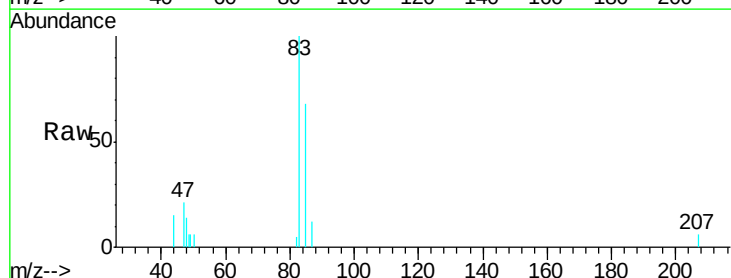
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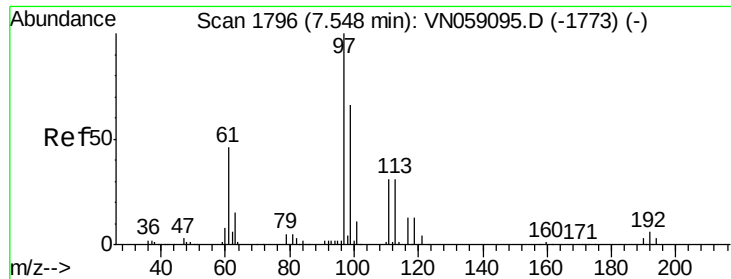
MMDadoda
11/7/2019 8:38:38 AM



#30
Chloroform
Concen: 1.017 ug/l
RT: 7.35 min Scan# 1735
Delta R.T. 0.00 min
Lab File: VN059092.D
Acq: 6 Nov 2019 8:55

Tgt Ion	Ratio	Lower	Upper
83	100		
85	68.4	51.8	77.8





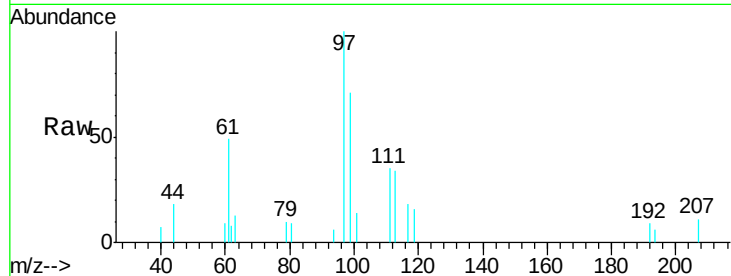
#32
 1,1,1-Trichloroethane
 Concen: 0.921 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN059092.D
 Acq: 6 Nov 2019 8:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

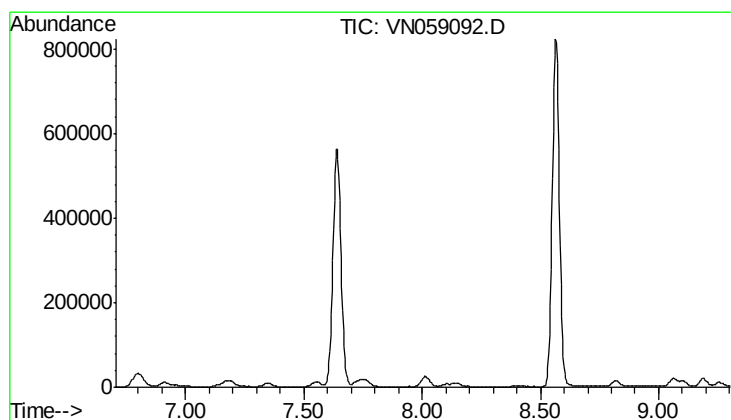
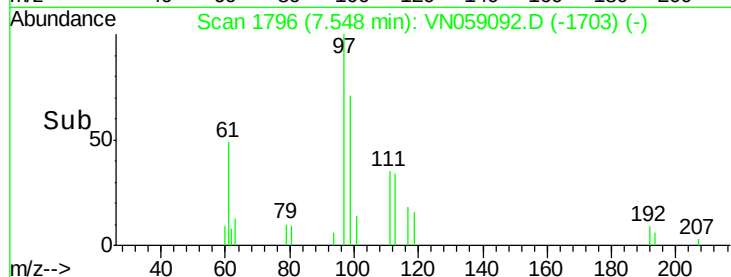
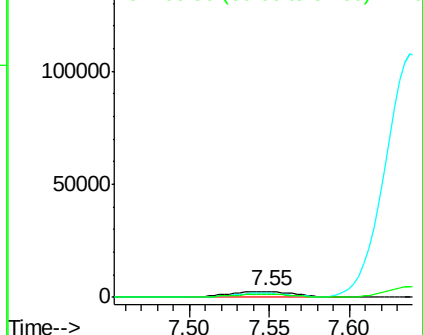
Tgt Ion: 97 Resp: 7275
 Ion Ratio Lower Upper
 97 100
 99 0.0 51.0 76.6#
 61 48.9 35.8 53.8

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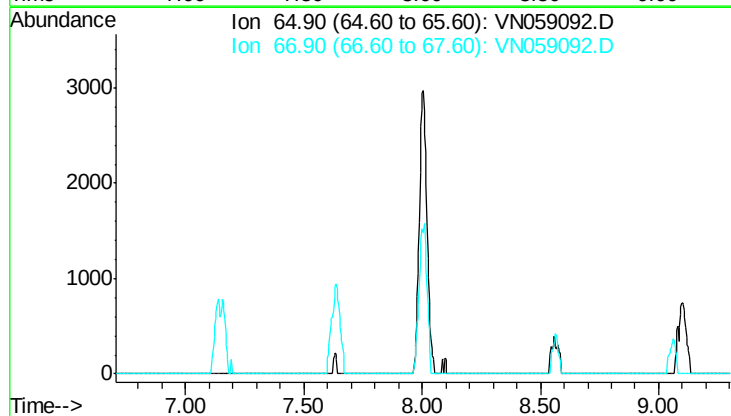


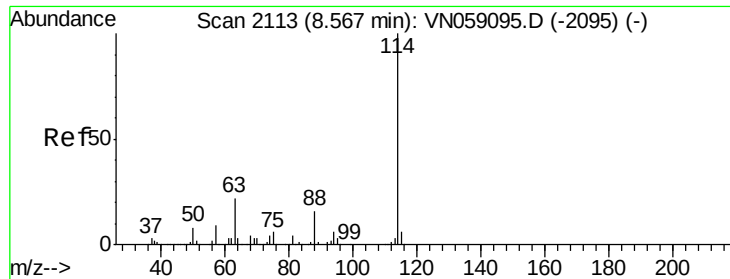
Abundance Ion 96.90 (96.60 to 97.60): VN059092.D
 Ion 98.90 (98.60 to 99.60): VN059092.D
 Ion 60.90 (60.60 to 61.60): VN059092.D



#33
 1,2-Dichloroethane-d4
 Concen: 0.000 ug/l
 Expected RT: 8.00 min
 Lab File: VN059092.D
 Acq: 6 Nov 2019 8:55

Tgt Ion: 65
 Sig Exp Ratio
 65 100
 67 53.7





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.56 min Scan# 2112

Delta R.T. -0.00 min

Lab File: VN059092.D

Acq: 6 Nov 2019 8:55

Instrument :

MSVOA_N

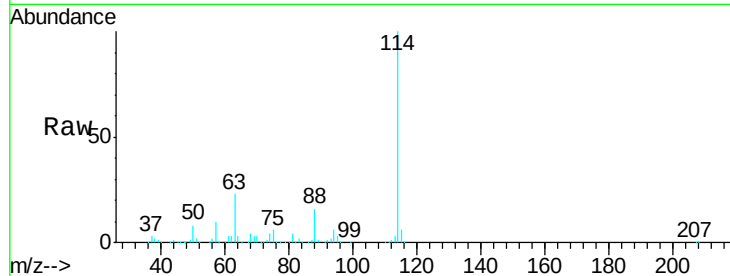
ClientSampleId :

VSTDIC001

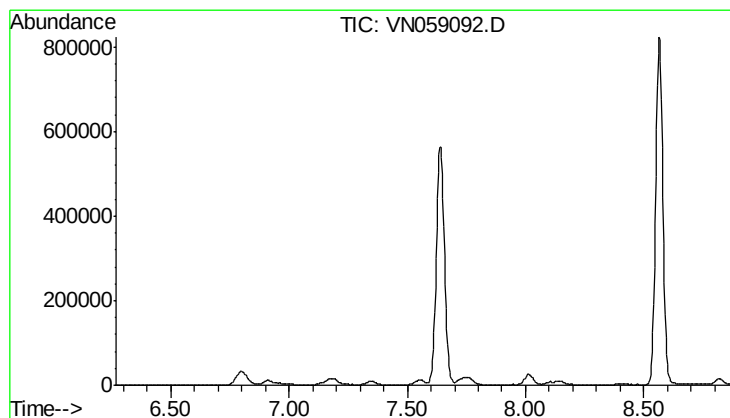
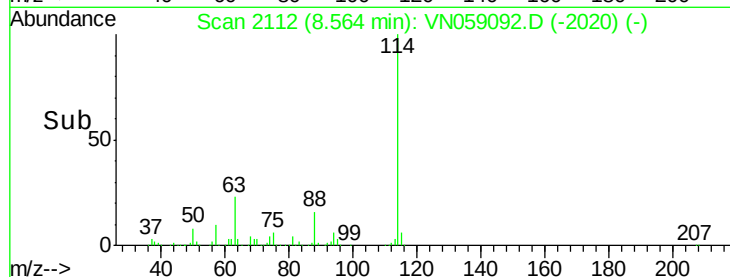
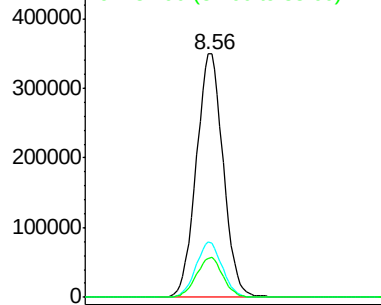
Tgt	Ion	Ratio	Resp	Lower	Upper
114	100		730984		
63	22.6	0.0	43.4		
88	16.1	0.0	32.2		

Manual Integrations
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Abundance Ion 113.90 (113.60 to 114.60): VN059092.D



#35

Dibromofluoromethane

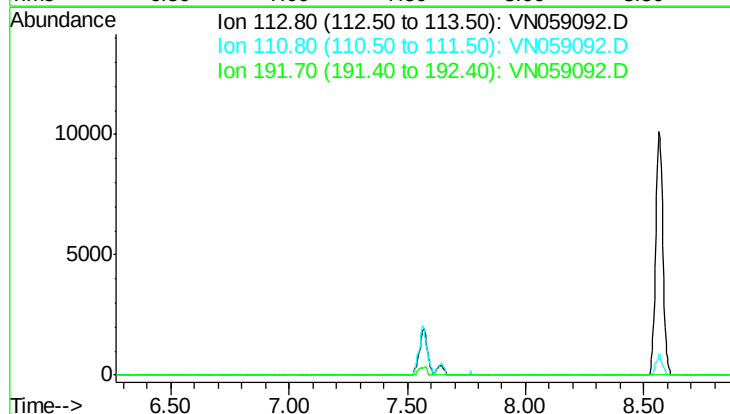
Concen: 0.000 ug/l

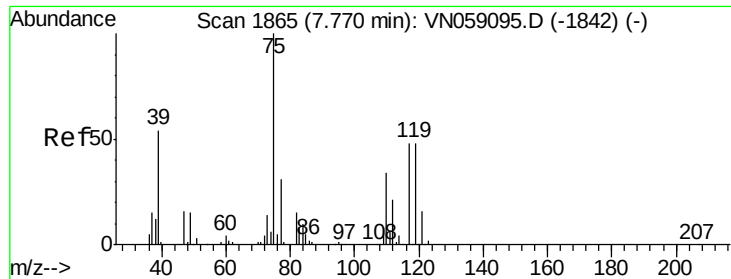
Expected RT: 7.57 min

Lab File: VN059092.D

Acq: 6 Nov 2019 8:55

Tgt	Ion	Exp Ratio
113	100	
111	103.5	
192	20.1	





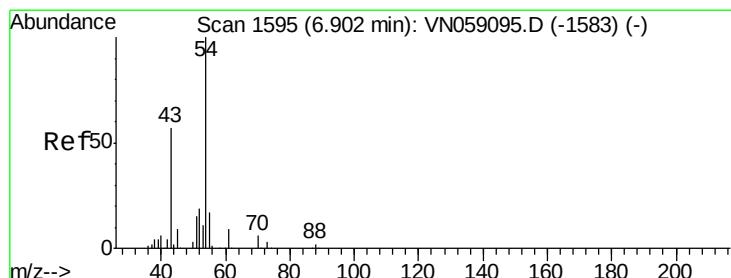
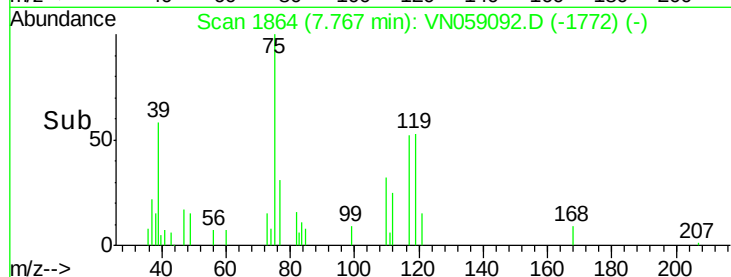
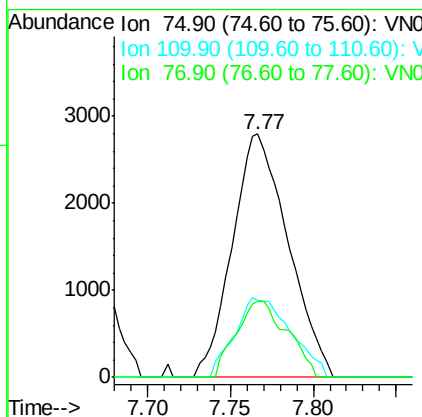
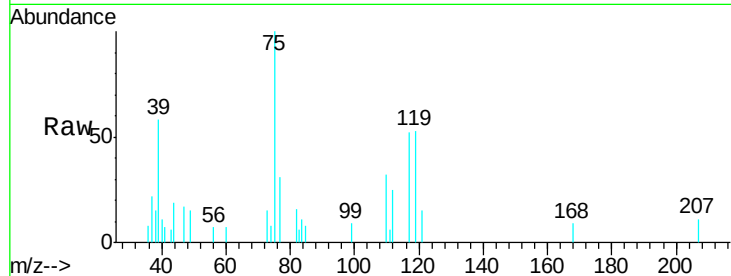
#36
 1,1-Dichloropropene
 Concen: 0.904 ug/l
 RT: 7.77 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VN059092.D
 Acq: 6 Nov 2019 8:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.0	17.1	51.2
77	28.5	24.8	37.2

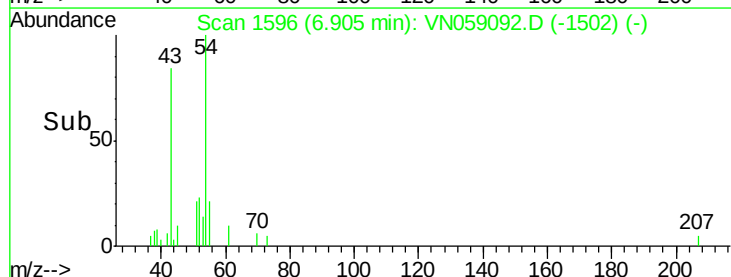
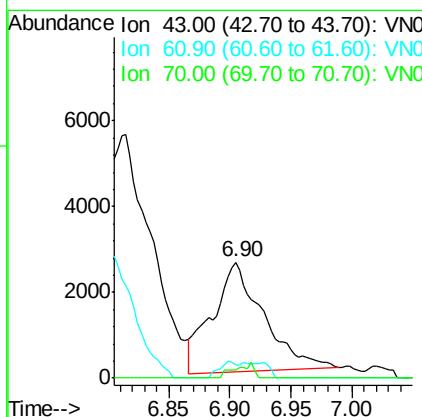
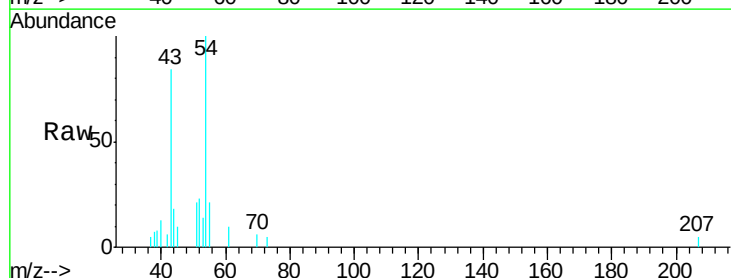
Manual Integrations
 APPROVED

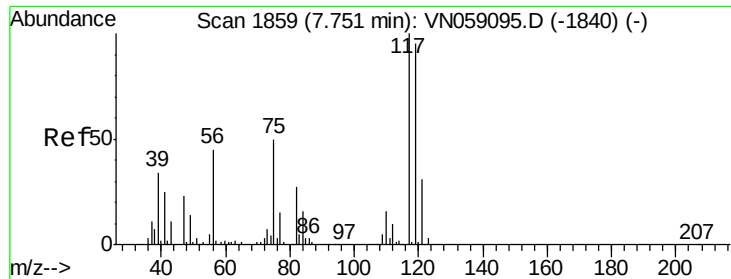
MMDadoda
 11/7/2019 8:38:38 AM



#37
 Ethyl Acetate
 Concen: 0.922 ug/l
 RT: 6.90 min Scan# 1596
 Delta R.T. 0.00 min
 Lab File: VN059092.D
 Acq: 6 Nov 2019 8:55

Tgt Ion	Ratio	Lower	Upper
43	100		
61	5.9	11.2	16.8#
70	5.3	7.8	11.8#





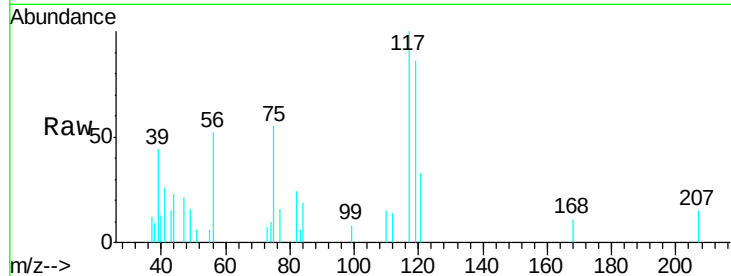
#38
Carbon Tetrachloride
Concen: 0.984 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VN059092.D
Acq: 6 Nov 2019 8:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion	Ratio	Lower	Upper
117	100		
119	86.4	75.6	113.4
121	32.6	24.6	36.8

Manual Integrations
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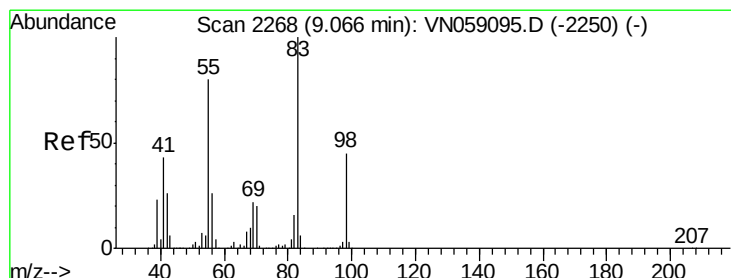
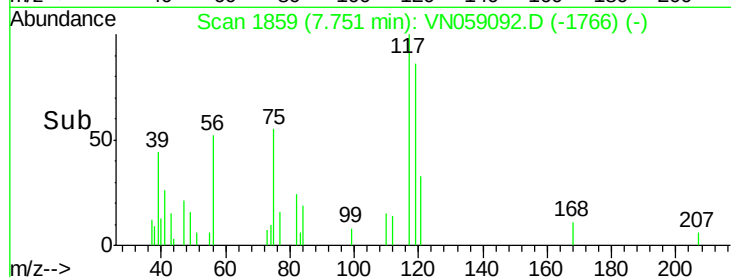
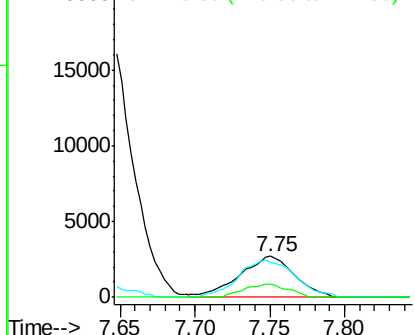


Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39
Methylcyclohexane
Concen: 0.866 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN059092.D
Acq: 6 Nov 2019 8:55

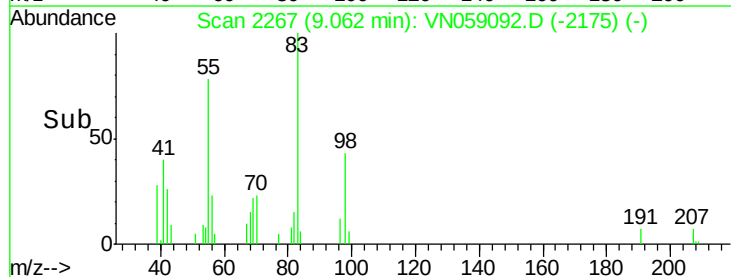
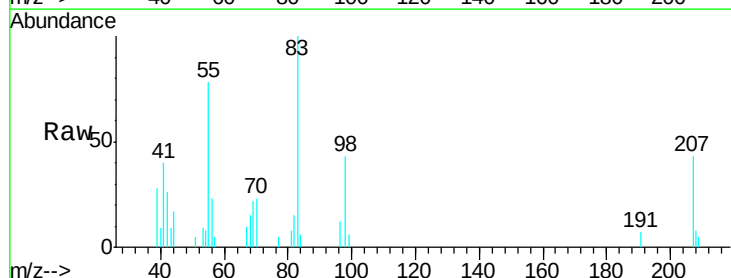
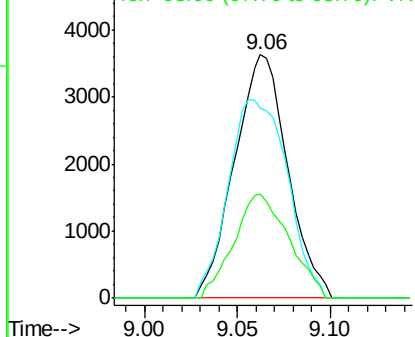
Tgt Ion	Ratio	Lower	Upper
83	100		
55	78.1	63.9	95.9
98	42.9	35.6	53.4

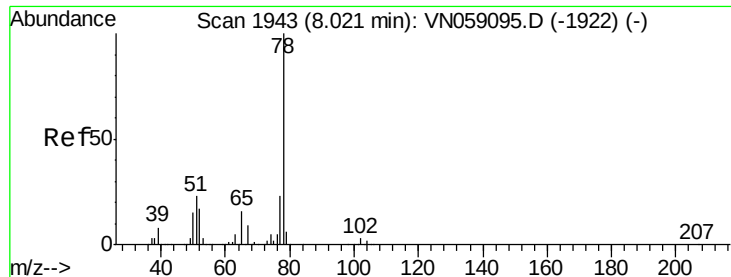
Abundance

Ion 83.00 (82.70 to 83.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

Ion 98.00 (97.70 to 98.70): VNO





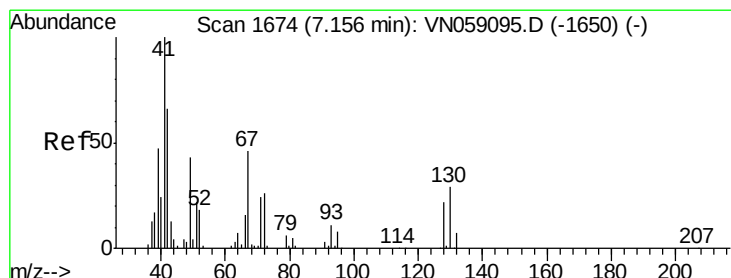
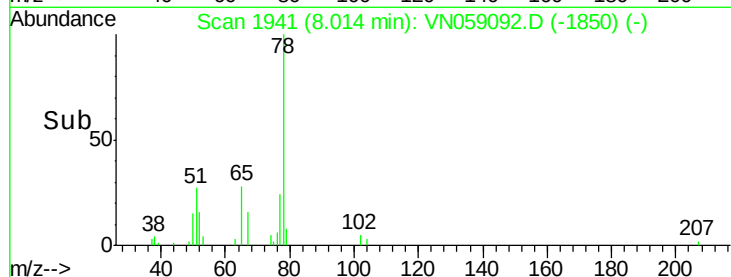
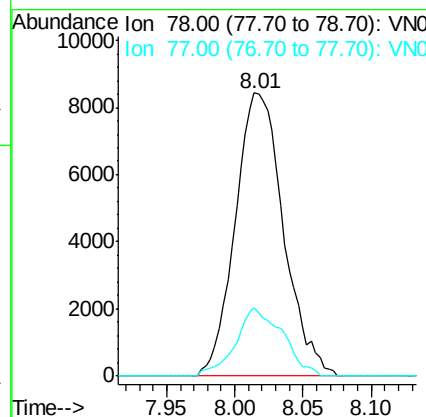
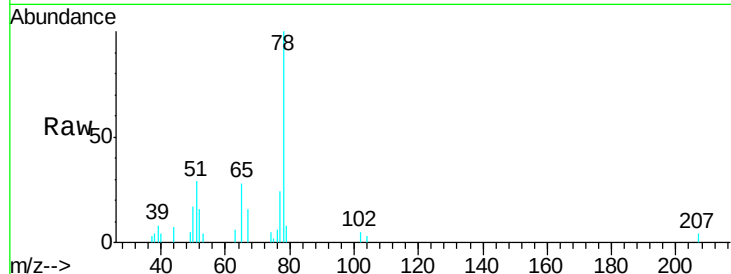
#40
Benzene
Concen: 0.963 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. -0.01 min
Lab File: VN059092.D
Acq: 6 Nov 2019 8:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 78 Resp: 20719
Ion Ratio Lower Upper
78 100
77 23.9 18.8 28.2

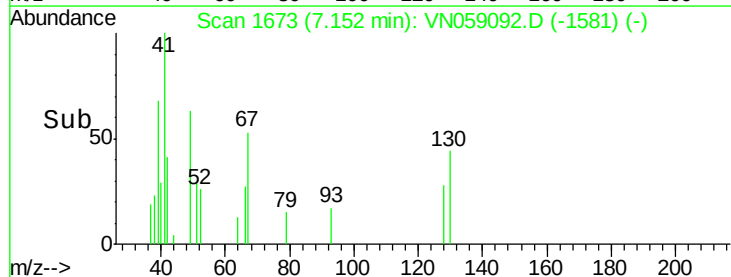
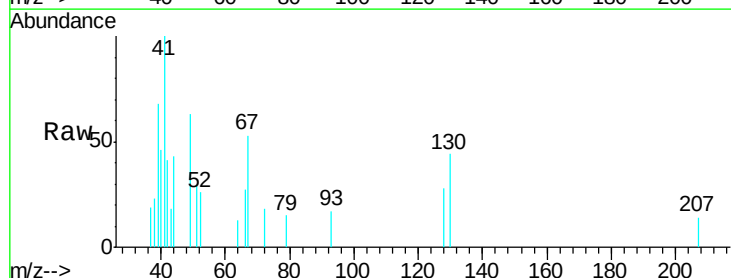
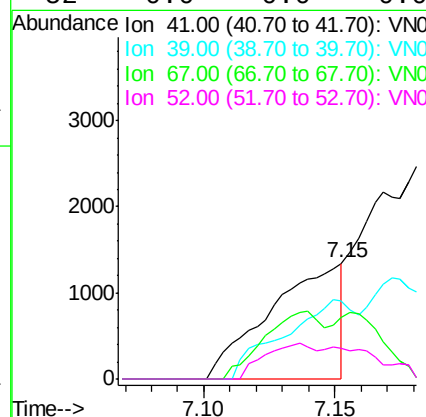
Manual Integrations
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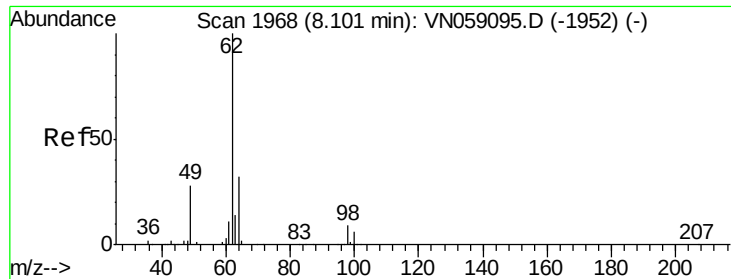
MMDadoda
11/7/2019 8:38:38 AM



#41
Methacrylonitrile
Concen: 0.741 ug/l m
RT: 7.15 min Scan# 1673
Delta R.T. -0.00 min
Lab File: VN059092.D
Acq: 6 Nov 2019 8:55

Tgt Ion: 41 Resp: 2589
Ion Ratio Lower Upper
41 100
39 16.6 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0





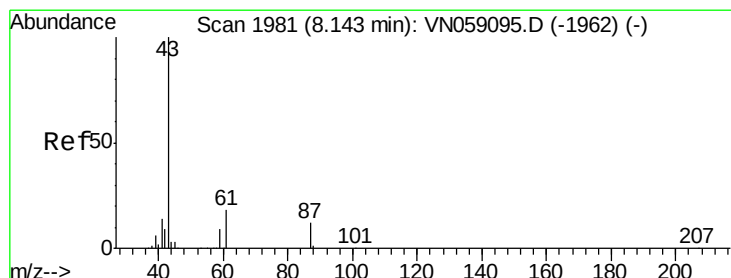
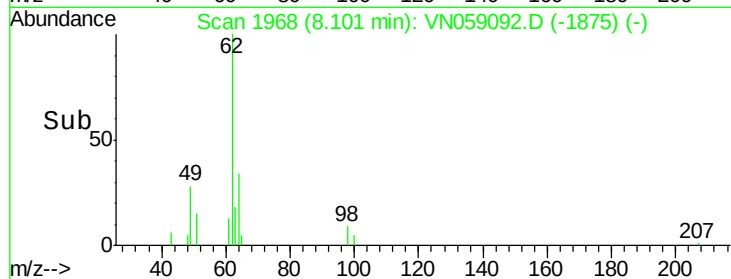
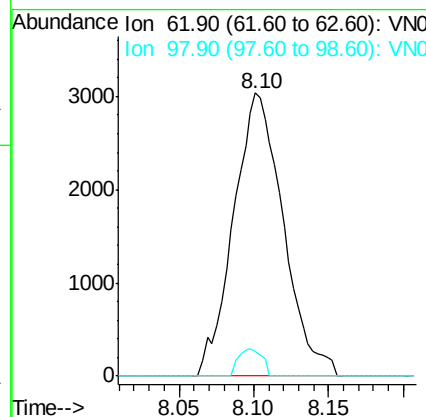
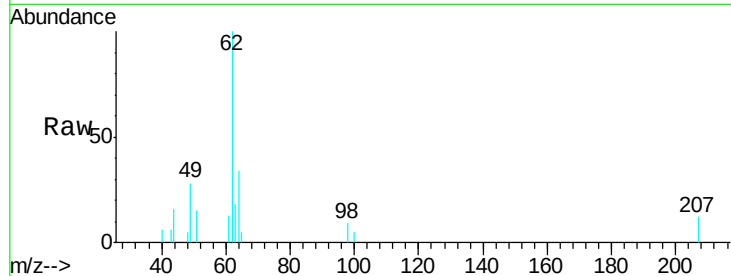
#42
 1,2-Dichloroethane
 Concen: 0.939 ug/l
 RT: 8.10 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VN059092.D
 Acq: 6 Nov 2019 8:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tgt Ion	Ratio	Lower	Upper
62	100		
98	4.5	0.0	17.8

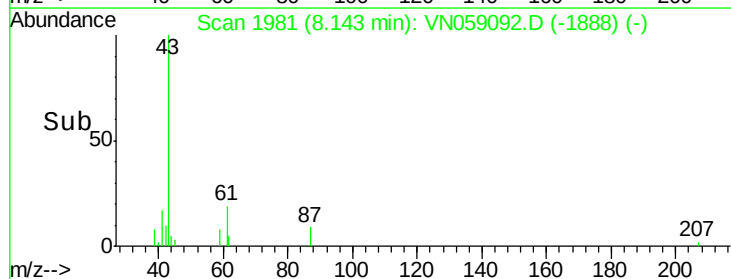
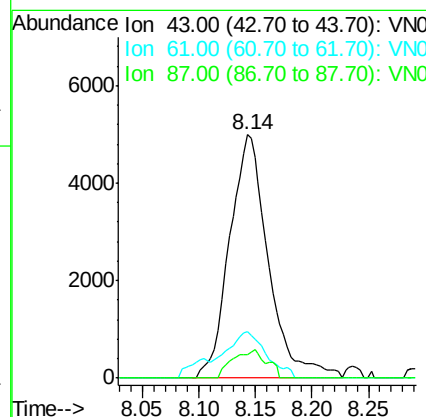
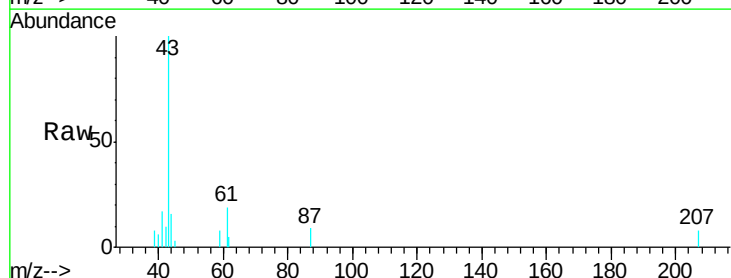
Manual Integrations
 APPROVED

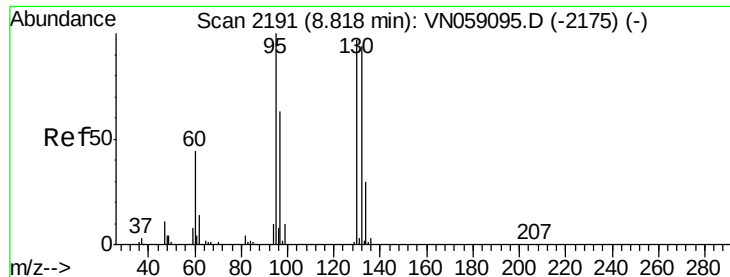
MMDadoda
 11/7/2019 8:38:38 AM



#43
 Isopropyl Acetate
 Concen: 0.948 ug/l
 RT: 8.14 min Scan# 1981
 Delta R.T. -0.00 min
 Lab File: VN059092.D
 Acq: 6 Nov 2019 8:55

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.3	21.0	31.6#
87	10.2	9.8	14.6





#44

Trichloroethene

Concen: 0.956 ug/l

RT: 8.82 min Scan# 2192

Delta R.T. 0.00 min

Lab File: VN059092.D

Acq: 6 Nov 2019 8:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion:130 Resp: 5064

Ion Ratio Lower Upper

130 100

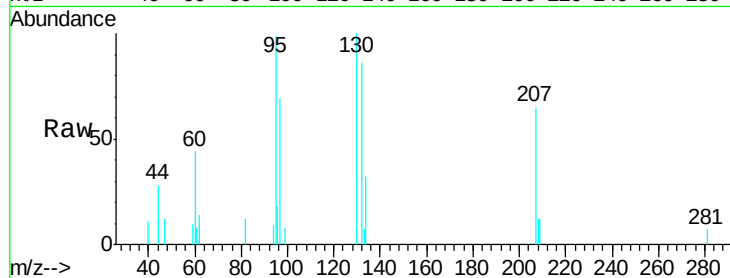
95 99.0 0.0 206.4

Manual Integrations

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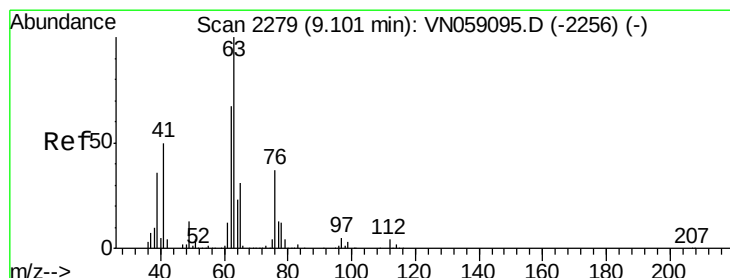
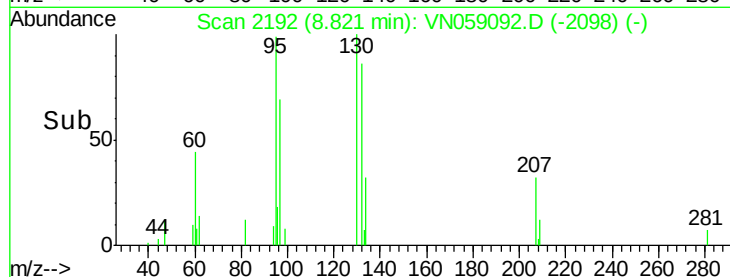
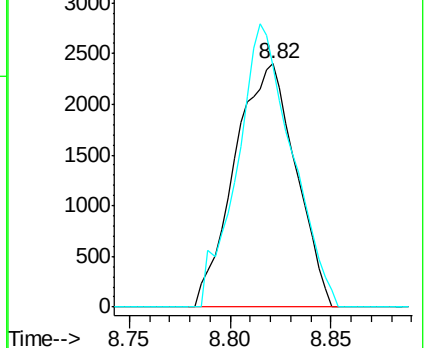
MMDadoda

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Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0



#45

1,2-Dichloropropane

Concen: 0.952 ug/l

RT: 9.10 min Scan# 2279

Delta R.T. -0.00 min

Lab File: VN059092.D

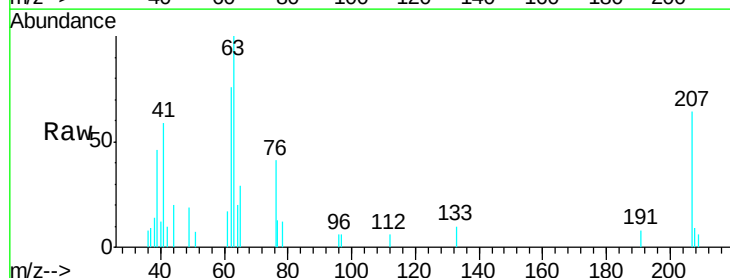
Acq: 6 Nov 2019 8:55

Tgt Ion: 63 Resp: 5541

Ion Ratio Lower Upper

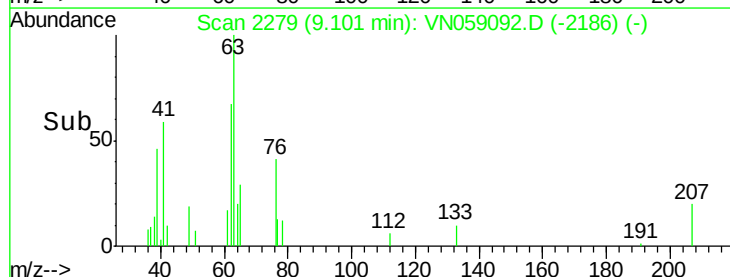
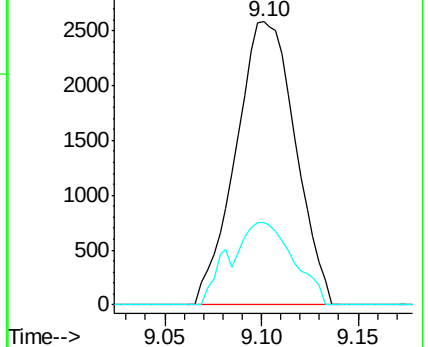
63 100

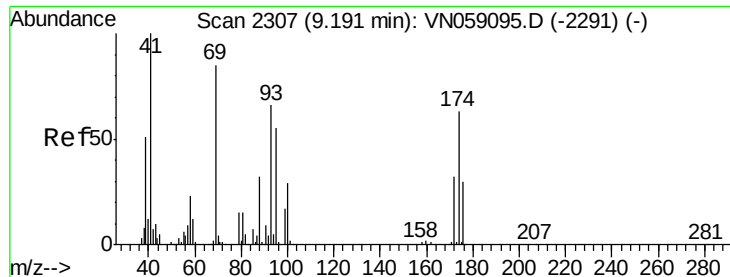
65 28.9 24.6 37.0



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0





#46

Dibromomethane

Concen: 1.049 ug/l

RT: 9.19 min Scan# 2306

Delta R.T. -0.00 min

Lab File: VN059092.D

Acq: 6 Nov 2019 8:55

Instrument :

MSVOA_N

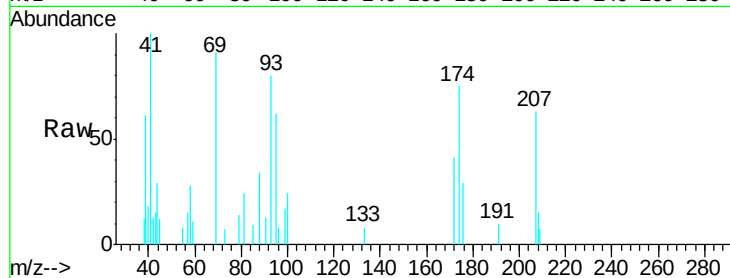
ClientSampleId :

VSTDIC001

Tgt Ion:	93	Resp:	3770
Ion	Ratio	Lower	Upper
93	100		
95	79.2	66.6	100.0
174	92.3	78.2	117.2

Manual Integrations
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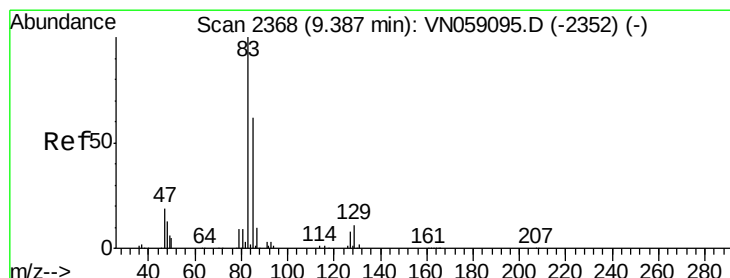
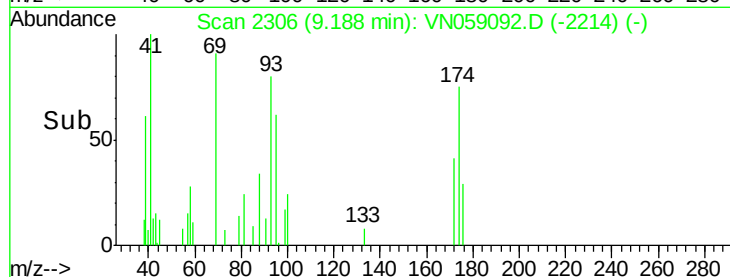
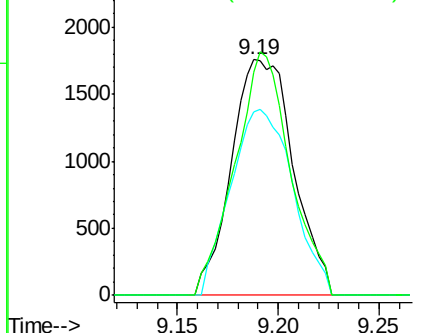
MMDadoda
11/7/2019 8:38:38 AM



Abundance Ion 92.80 (92.50 to 93.50): VN059095.D (-2291) (-)

Ion 94.80 (94.50 to 95.50): VN059095.D (-2291) (-)

Ion 173.70 (173.40 to 174.40): VN059095.D (-2291) (-)



#47

Bromodichloromethane

Concen: 0.931 ug/l

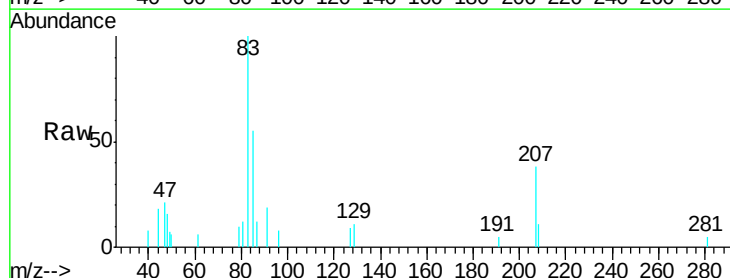
RT: 9.38 min Scan# 2367

Delta R.T. -0.00 min

Lab File: VN059092.D

Acq: 6 Nov 2019 8:55

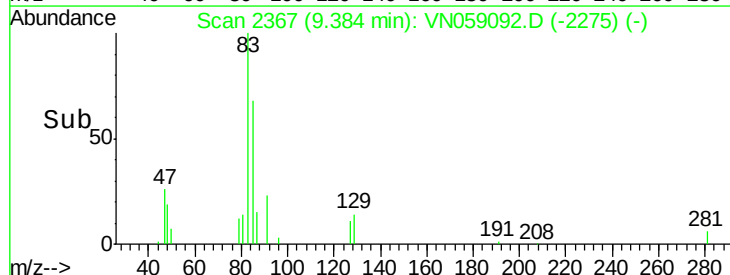
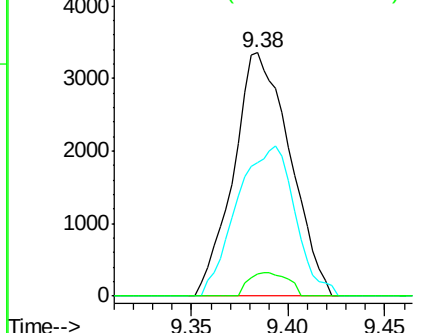
Tgt Ion:	83	Resp:	6791
Ion	Ratio	Lower	Upper
83	100		
85	54.9	49.7	74.5
127	9.1	6.4	9.6

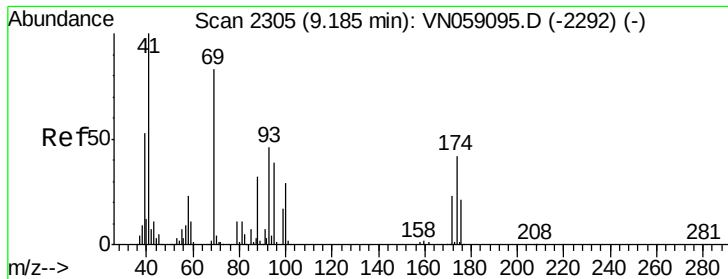


Abundance Ion 82.90 (82.60 to 83.60): VN059095.D (-2352) (-)

Ion 84.90 (84.60 to 85.60): VN059095.D (-2352) (-)

Ion 126.80 (126.50 to 127.50): VN059095.D (-2352) (-)





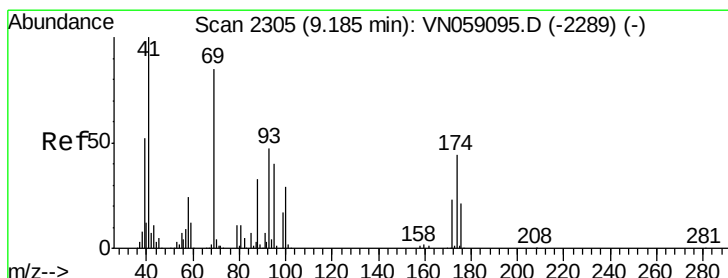
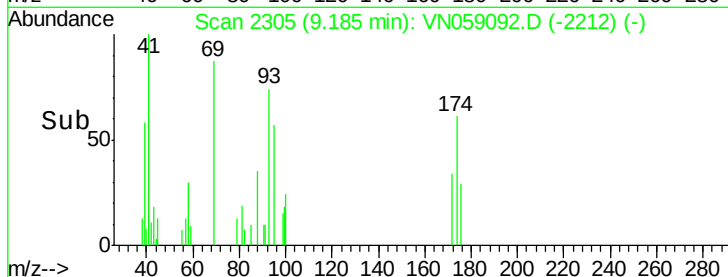
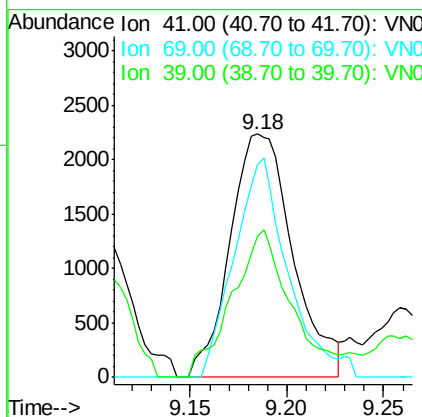
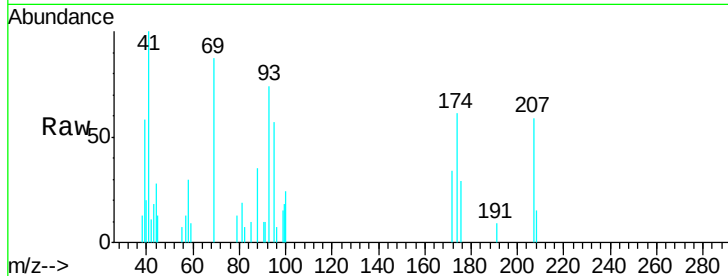
#48
Methyl methacrylate
Concen: 0.884 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. -0.00 min
Lab File: VN059092.D
Acq: 6 Nov 2019 8:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion	Ratio	Lower	Upper
41	100		
69	77.4	67.3	100.9
39	57.0	43.3	64.9

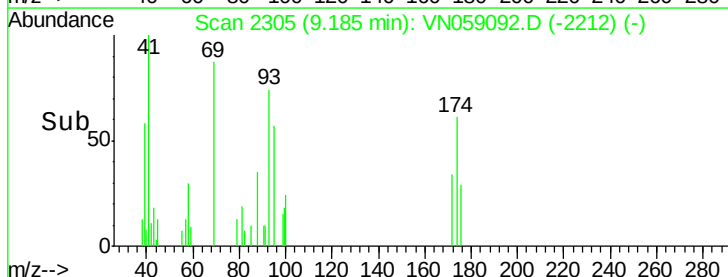
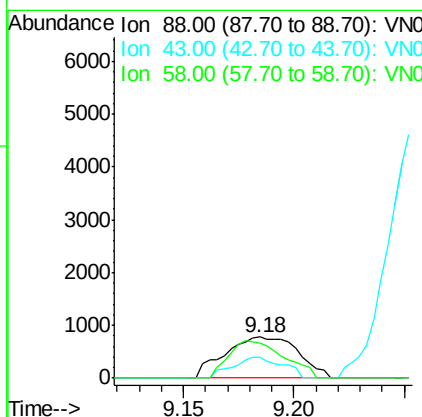
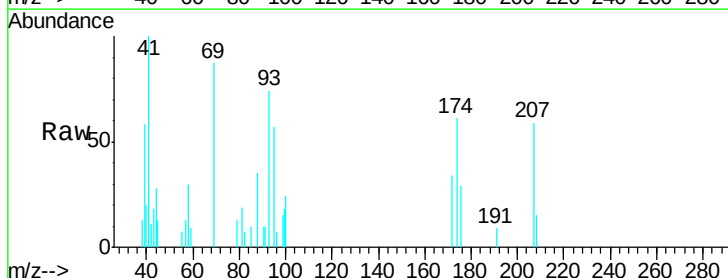
Manual Integrations
APPROVED

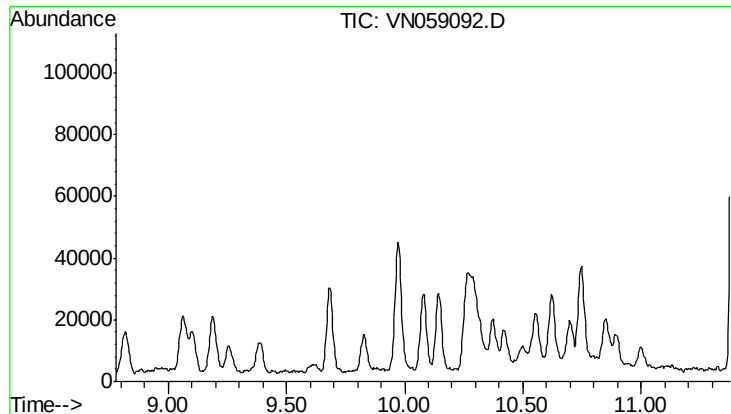
MMDadoda
11/7/2019 8:38:38 AM



#49
1,4-Dioxane
Concen: 19.270 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. -0.00 min
Lab File: VN059092.D
Acq: 6 Nov 2019 8:55

Tgt Ion	Ratio	Lower	Upper
88	100		
43	34.7	26.3	39.5
58	68.8	60.6	90.8





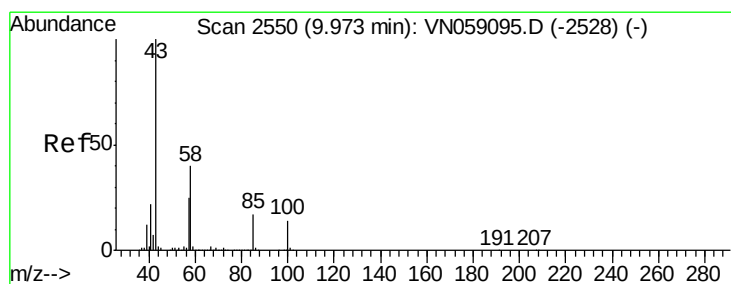
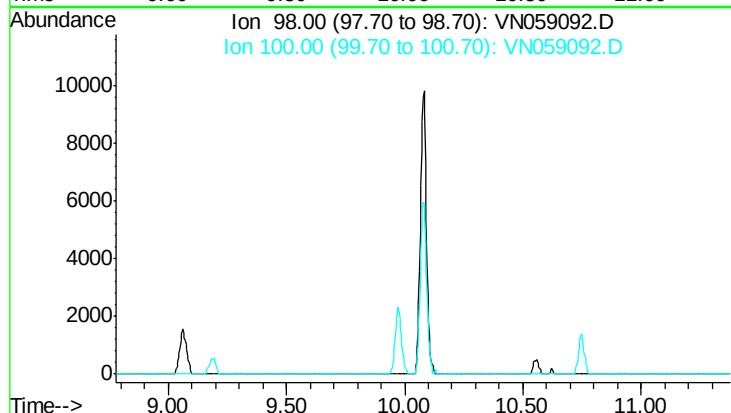
#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 10.08 min
Lab File: VN059092.D
Acq: 6 Nov 2019 8:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Manual Integrations
APPROVED

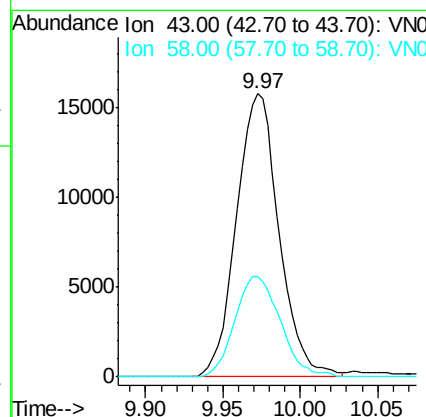
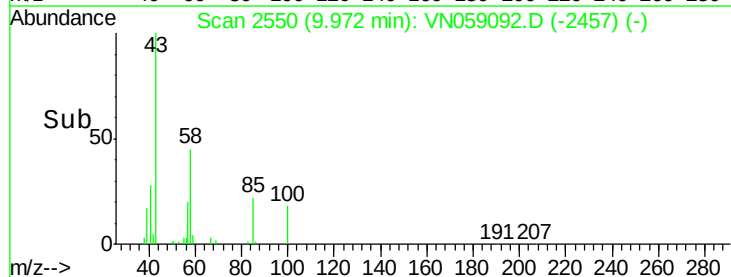
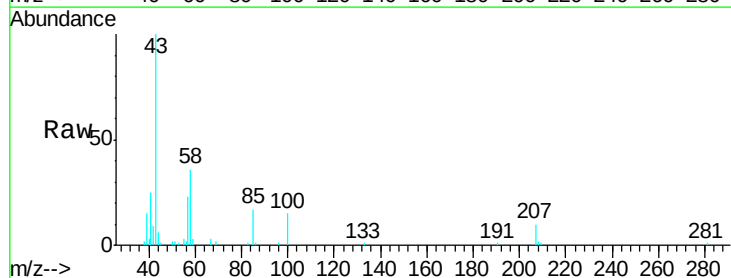
MMDadoda
11/7/2019 8:38:38 AM

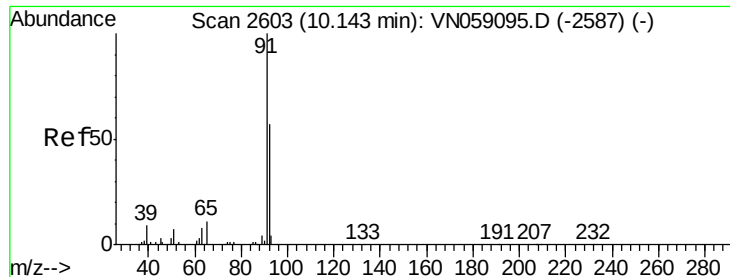
Tgt Ion: 98
Sig Exp Ratio
98 100
100 65.2



#51
4-Methyl-2-Pentanone
Concen: 4.127 ug/l
RT: 9.97 min Scan# 2550
Delta R.T. -0.00 min
Lab File: VN059092.D
Acq: 6 Nov 2019 8:55

Tgt Ion: 43 Resp: 30177
Ion Ratio Lower Upper
43 100
58 37.7 31.5 47.3





#52

Toluene

Concen: 0.938 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. -0.00 min

Lab File: VN059092.D

Acq: 6 Nov 2019 8:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion: 92 Resp: 11804

Ion Ratio Lower Upper

92 100

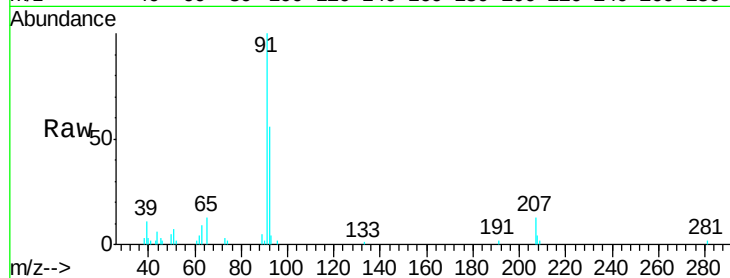
91 170.7 139.5 209.3

Manual Integrations

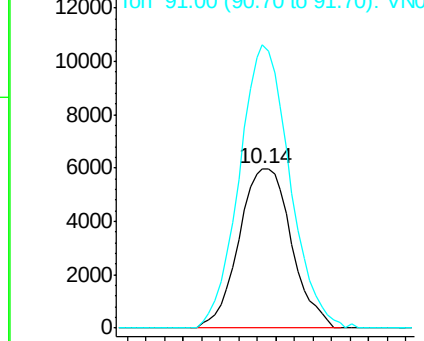
APPROVED

MMDadoda

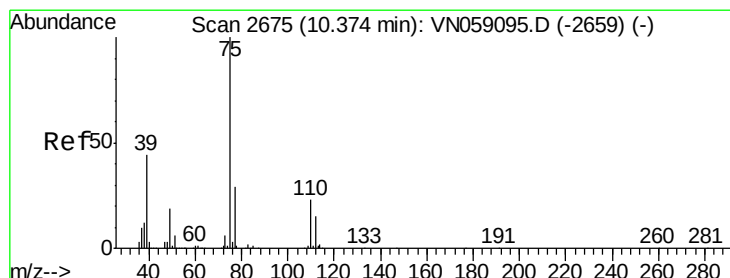
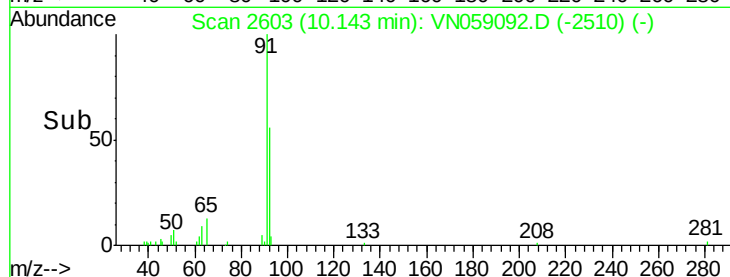
11/7/2019 8:38:38 AM



Abundance Ion 92.00 (91.70 to 92.70): VN059092.D (-2587) (-)



Time-->



#53

t-1,3-Dichloropropene

Concen: 0.937 ug/l

RT: 10.37 min Scan# 2675

Delta R.T. -0.00 min

Lab File: VN059092.D

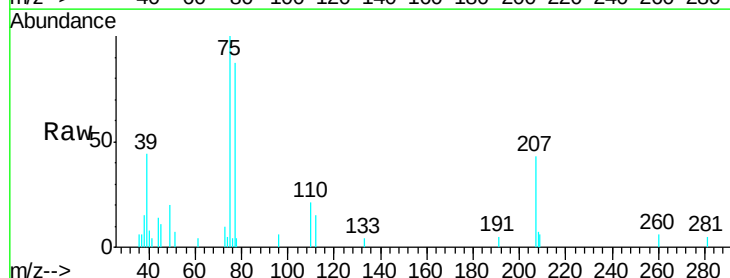
Acq: 6 Nov 2019 8:55

Tgt Ion: 75 Resp: 7883

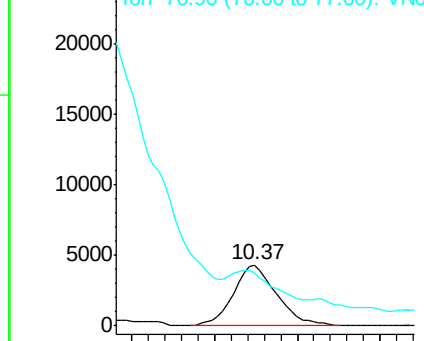
Ion Ratio Lower Upper

75 100

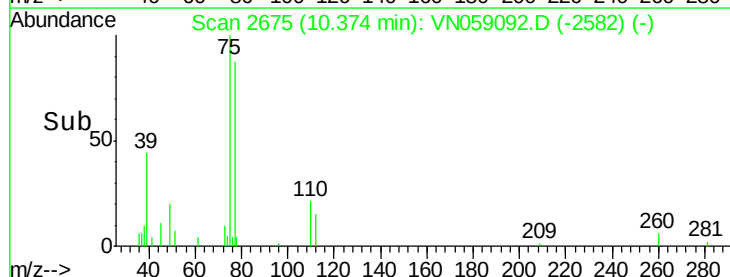
77 53.0 25.3 37.9#

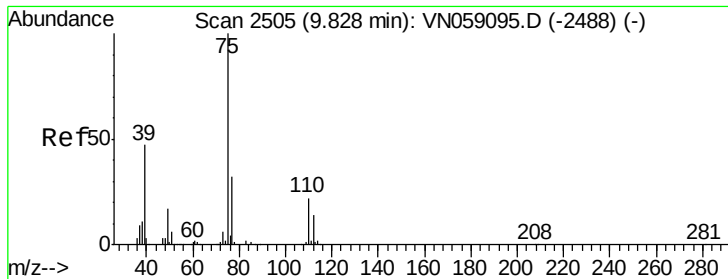


Abundance Ion 74.90 (74.60 to 75.60): VN059092.D (-2659) (-)



Time-->





#54

cis-1,3-Dichloropropene

Concen: 0.913 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. -0.00 min

Lab File: VN059092.D

Acq: 6 Nov 2019 8:55

Instrument :

MSVOA_N

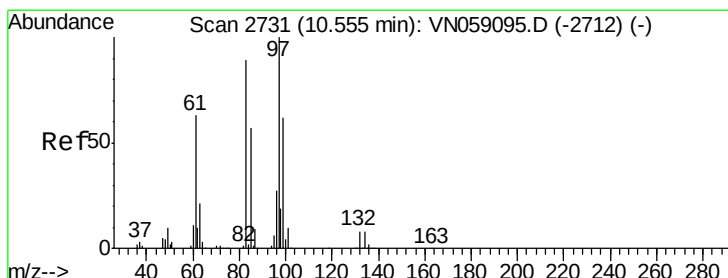
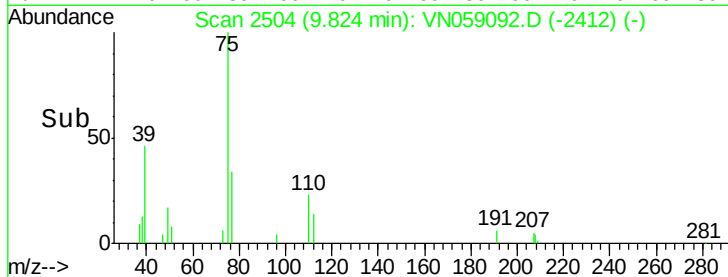
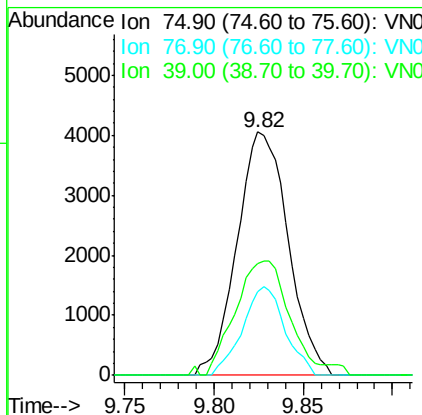
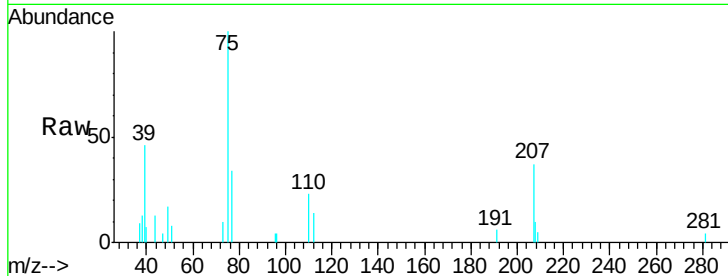
ClientSampleId :

VSTDIC001

Tgt Ion:	75	Resp:	8095
Ion	Ratio	Lower	Upper
75	100		
77	34.4	25.5	38.3
39	45.9	37.3	55.9

Manual Integrations
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#55

1,1,2-Trichloroethane

Concen: 1.011 ug/l

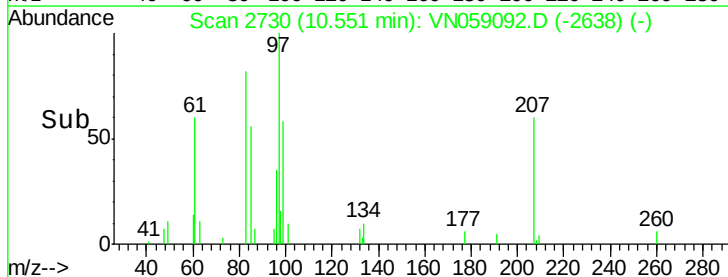
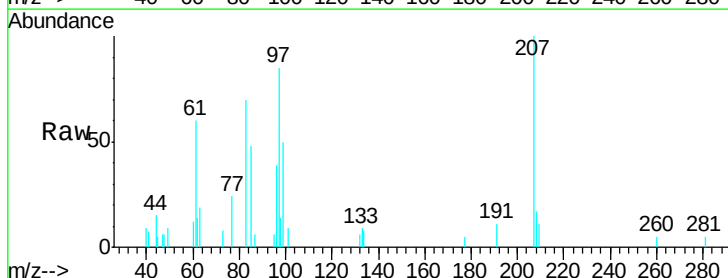
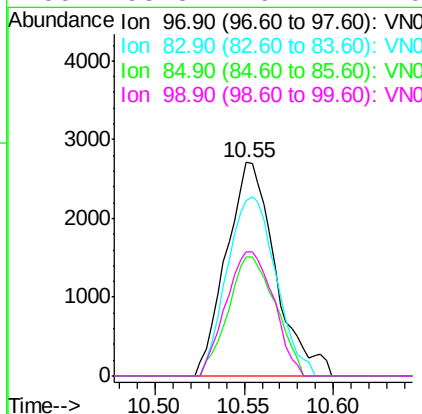
RT: 10.55 min Scan# 2730

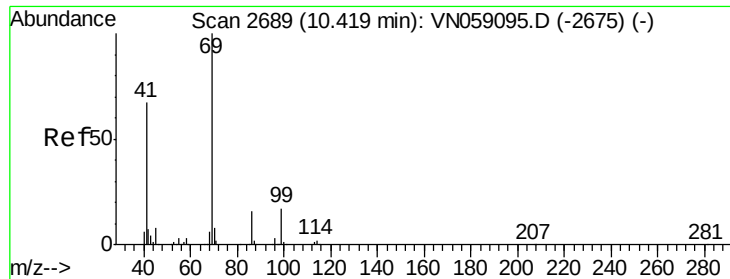
Delta R.T. -0.00 min

Lab File: VN059092.D

Acq: 6 Nov 2019 8:55

Tgt Ion:	97	Resp:	5199
Ion	Ratio	Lower	Upper
97	100		
83	82.4	71.0	106.4
85	56.0	45.8	68.8
99	58.3	49.4	74.0





#56

Ethyl methacrylate

Concen: 0.695 ug/l

RT: 10.42 min Scan# 2690

Delta R.T. 0.00 min

Lab File: VN059092.D

Acq: 6 Nov 2019 8:55

Instrument :

MSVOA_N

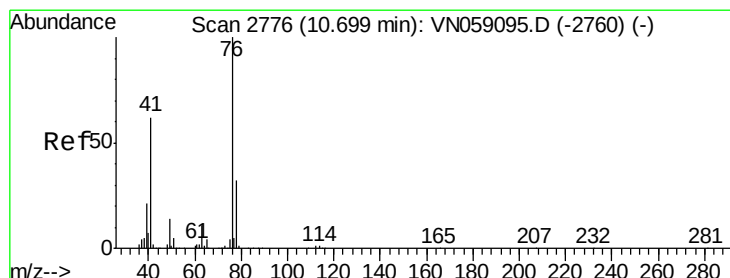
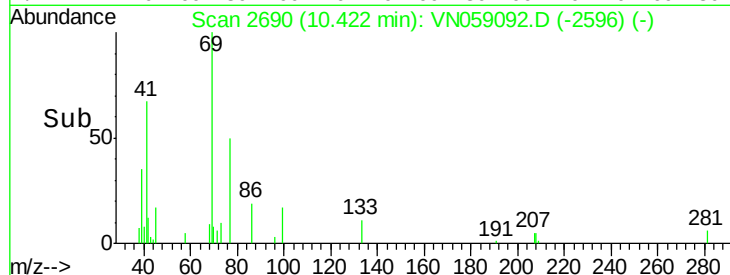
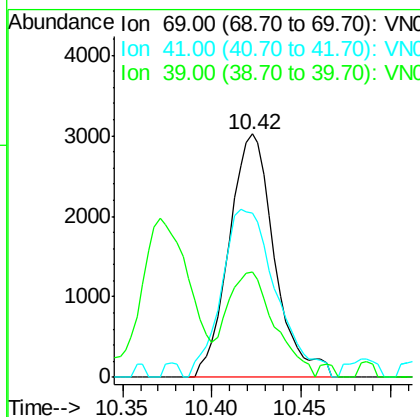
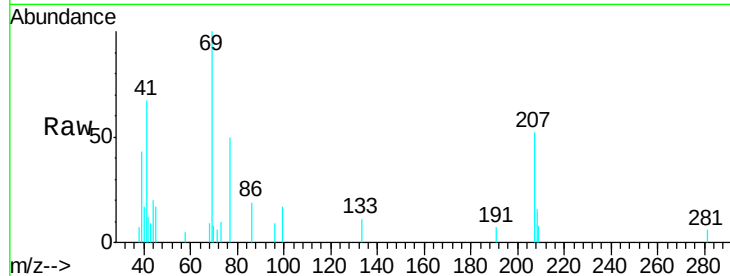
ClientSampleId :

VSTDIC001

Tgt Ion:	69	Resp:	5373
Ion	Ratio	Lower	Upper
69	100		
41	83.0	53.6	80.4#
39	45.5	26.2	39.4#

Manual Integrations
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#57

1,3-Dichloropropane

Concen: 0.955 ug/l

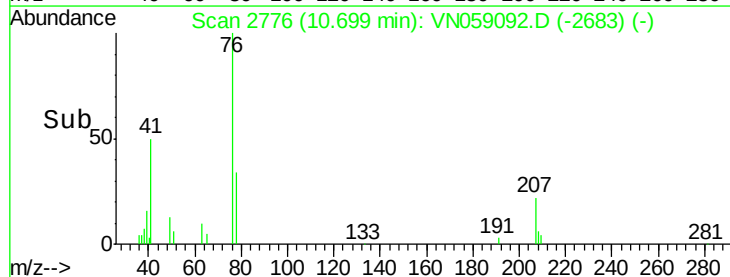
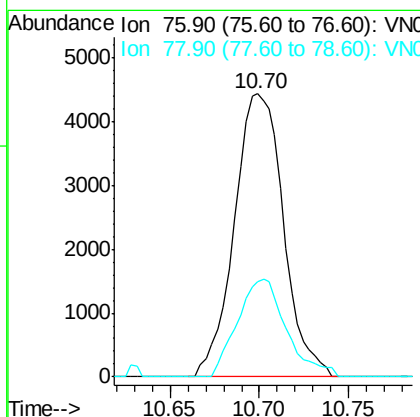
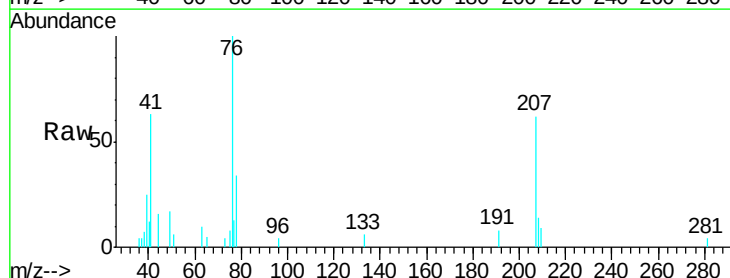
RT: 10.70 min Scan# 2776

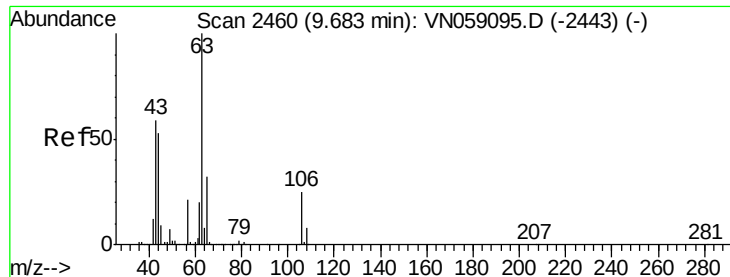
Delta R.T. -0.00 min

Lab File: VN059092.D

Acq: 6 Nov 2019 8:55

Tgt Ion:	76	Resp:	8532
Ion	Ratio	Lower	Upper
76	100		
78	34.5	25.8	38.8





#58

2-Chloroethyl Vinyl ether

Concen: 4.184 ug/l

RT: 9.68 min Scan# 2460

Delta R.T. -0.00 min

Lab File: VN059092.D

Acq: 6 Nov 2019 8:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion: 63 Resp: 12842

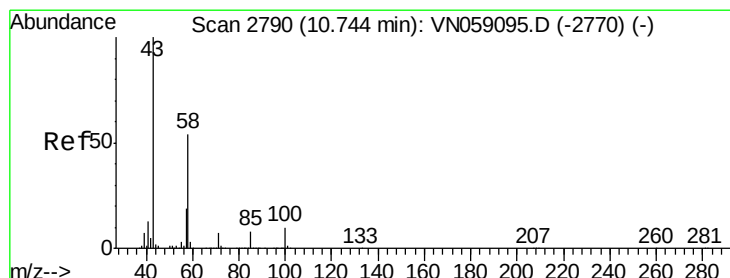
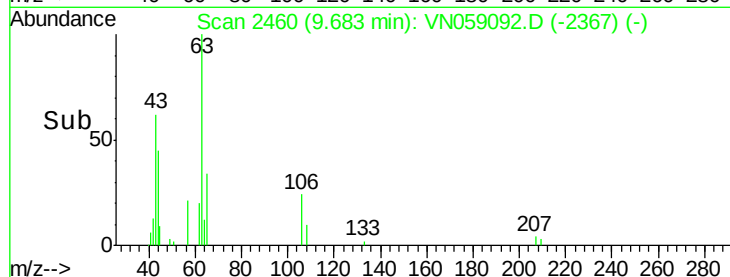
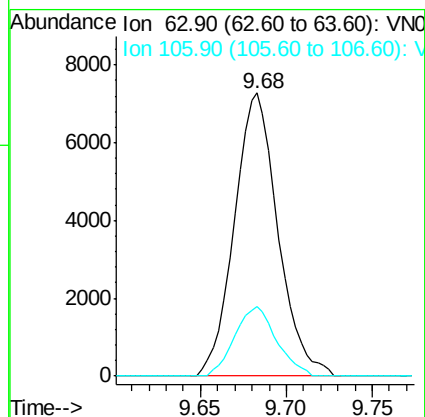
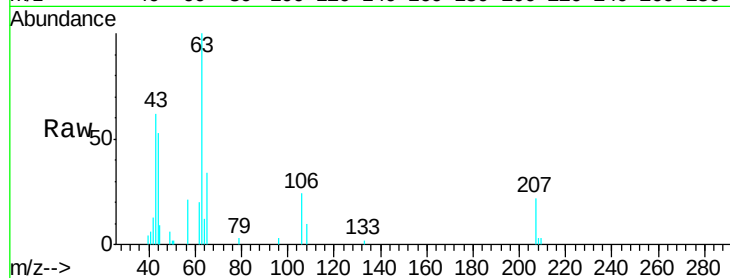
Ion Ratio Lower Upper

63 100

106 23.5 20.2 30.2

Manual Integrations
APPROVED

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11/7/2019 8:38:38 AM



#59

2-Hexanone

Concen: 3.946 ug/l

RT: 10.74 min Scan# 2790

Delta R.T. -0.00 min

Lab File: VN059092.D

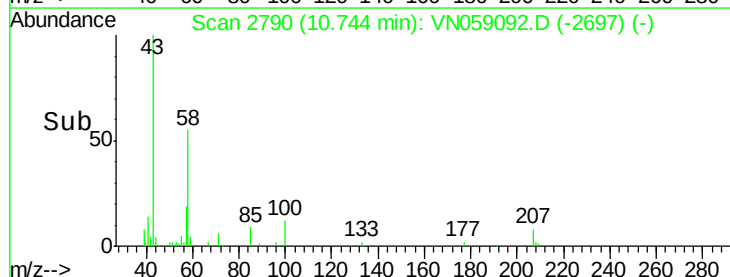
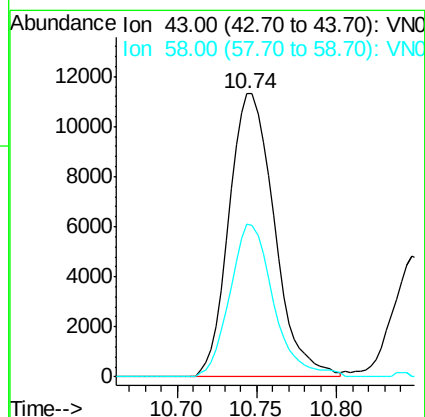
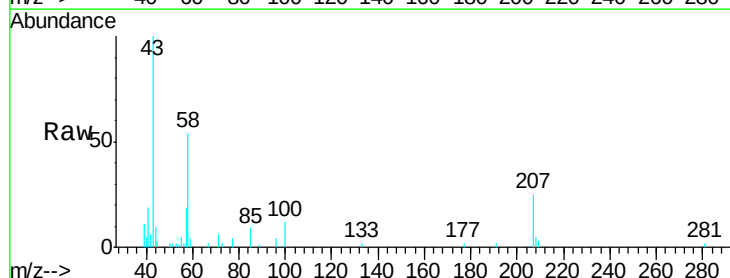
Acq: 6 Nov 2019 8:55

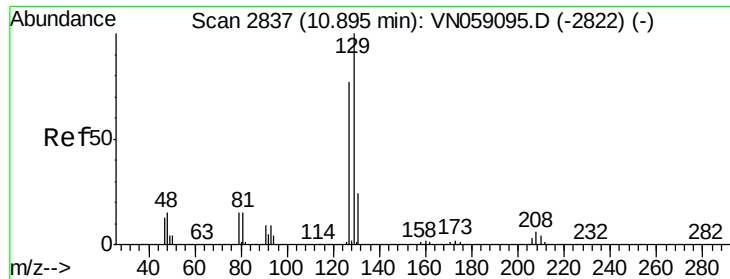
Tgt Ion: 43 Resp: 21918

Ion Ratio Lower Upper

43 100

58 51.7 27.3 81.8





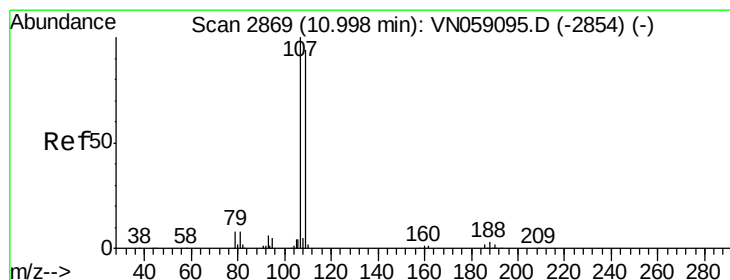
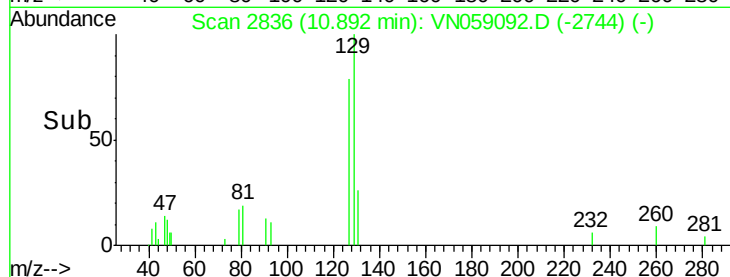
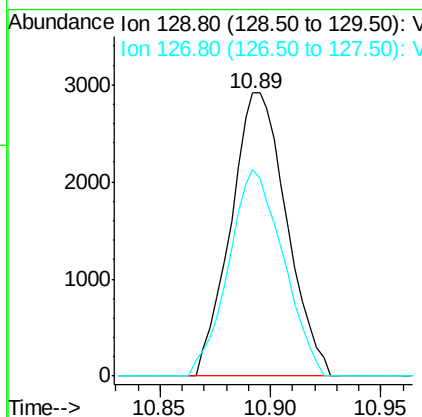
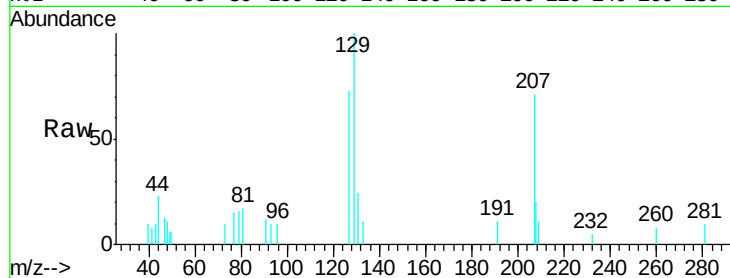
#60
Dibromochloromethane
Concen: 0.929 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. -0.00 min
Lab File: VN059092.D
Acq: 6 Nov 2019 8:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:129 Resp: 5134
Ion Ratio Lower Upper
129 100
127 71.1 38.6 115.8

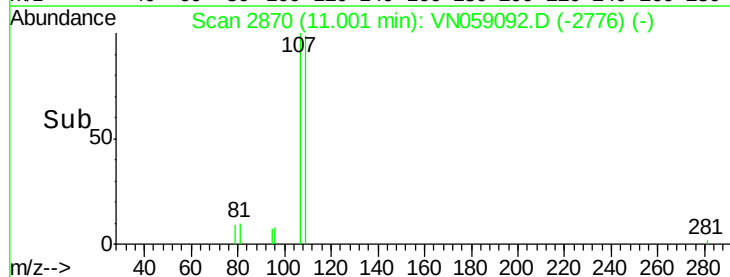
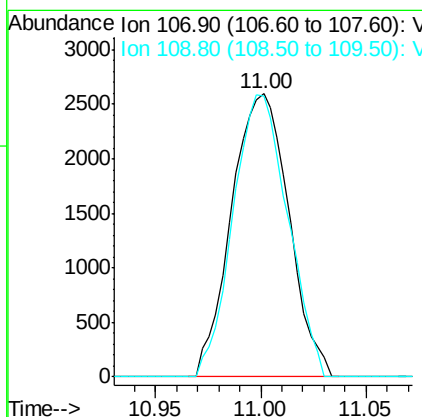
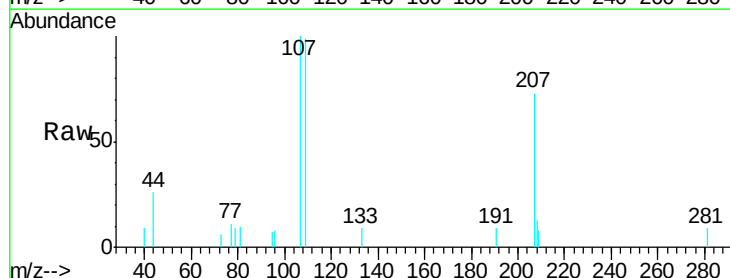
Manual Integrations
APPROVED

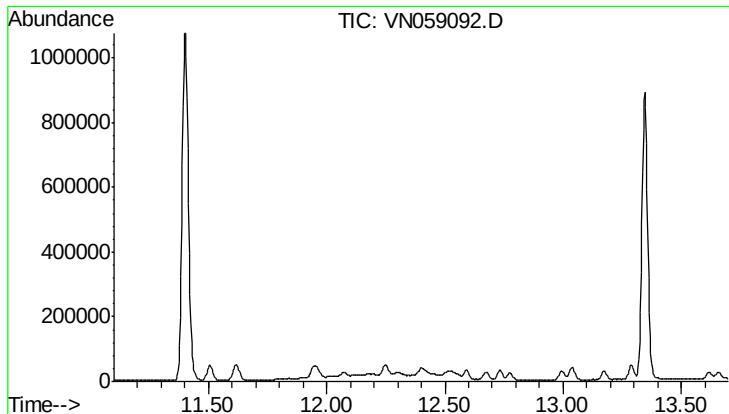
MMDadoda
11/7/2019 8:38:38 AM



#61
1,2-Dibromoethane
Concen: 0.945 ug/l
RT: 11.00 min Scan# 2870
Delta R.T. 0.00 min
Lab File: VN059092.D
Acq: 6 Nov 2019 8:55

Tgt Ion:107 Resp: 4907
Ion Ratio Lower Upper
107 100
109 94.8 75.5 113.3





#62

4-Bromofluorobenzene

Concen: 0.000 ug/l

Expected RT: 12.40 min

Lab File: VN059092.D

Acq: 6 Nov 2019 8:55

Tgt Ion: 95

Sig Exp Ratio

95 100

174 79.1

176 75.9

Instrument :

MSVOA_N

ClientSampleId :

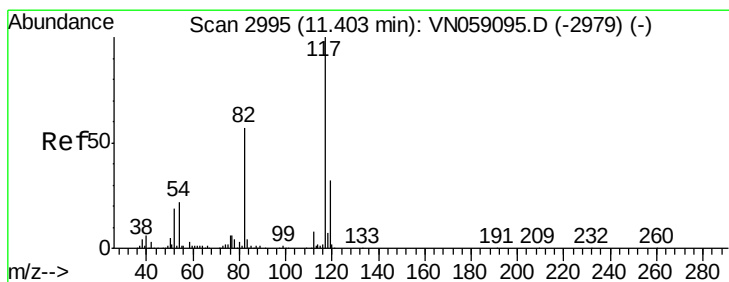
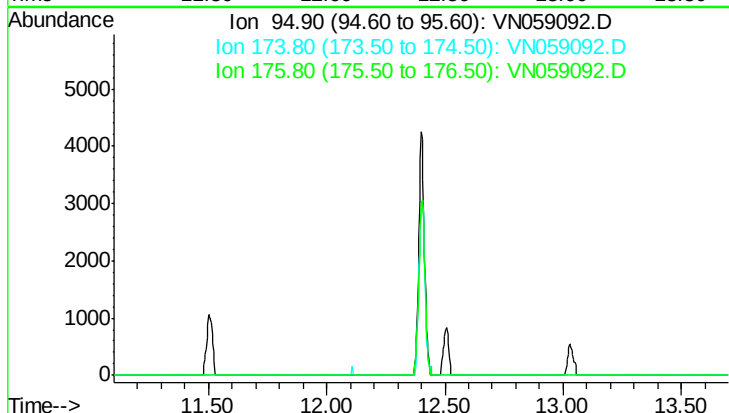
VSTDIC001

Manual Integrations

APPROVED

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11/7/2019 8:38:38 AM



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN059092.D

Acq: 6 Nov 2019 8:55

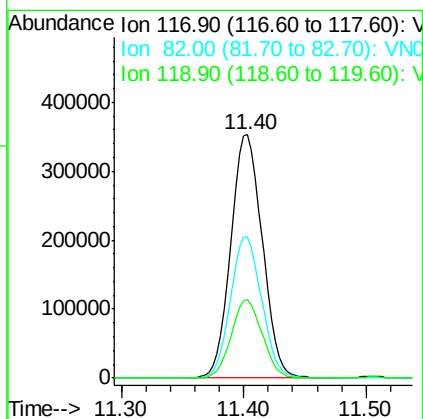
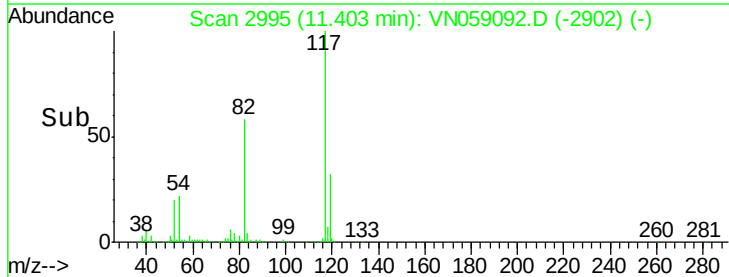
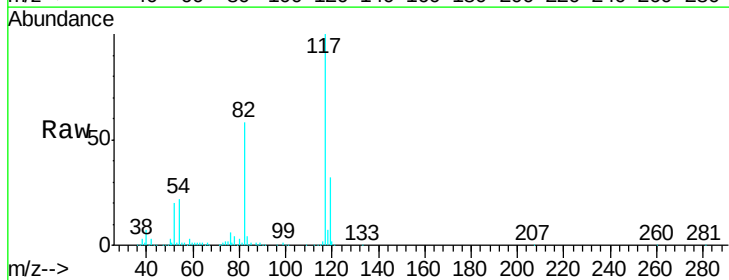
Tgt Ion: 117 Resp: 636267

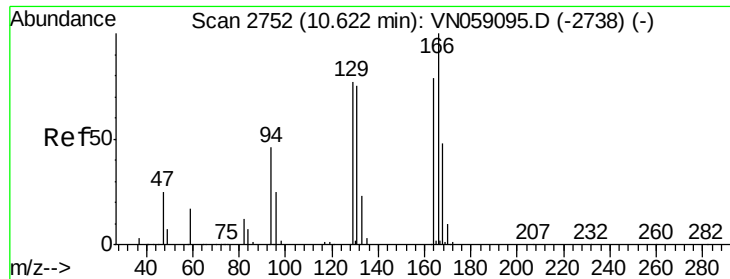
Ion Ratio Lower Upper

117 100

82 58.2 45.8 68.8

119 32.1 25.8 38.6





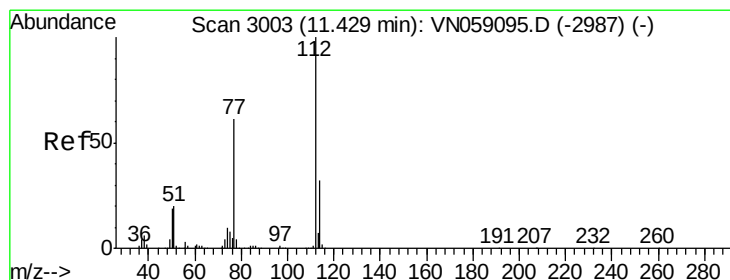
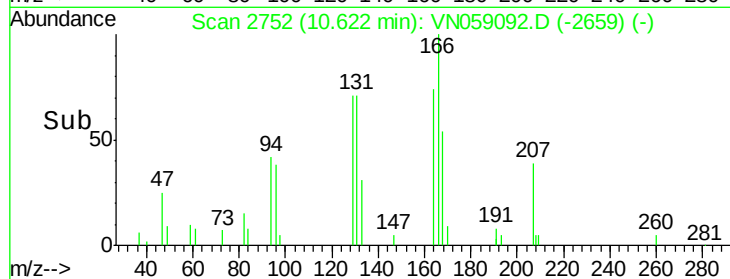
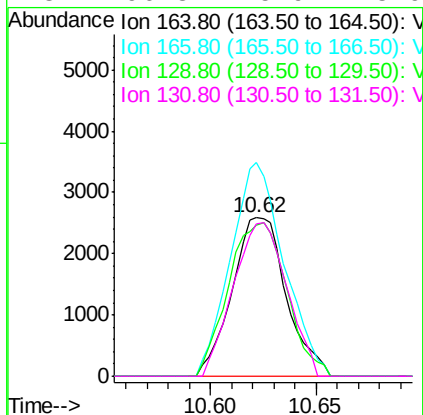
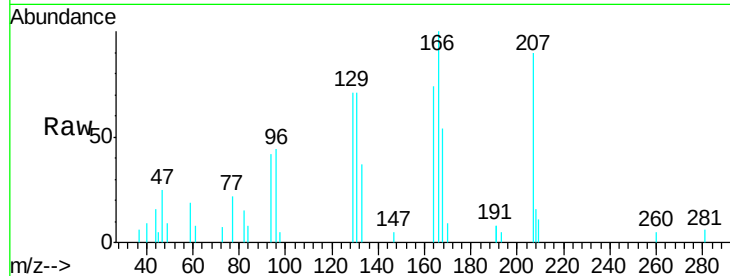
#64
Tetrachloroethene
Concen: 1.041 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. -0.00 min
Lab File: VN059092.D
Acq: 6 Nov 2019 8:55

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tgt Ion	Ratio	Lower	Upper
164	100		
166	135.0	101.5	152.3
129	95.9	78.3	117.5
131	96.3	75.9	113.9

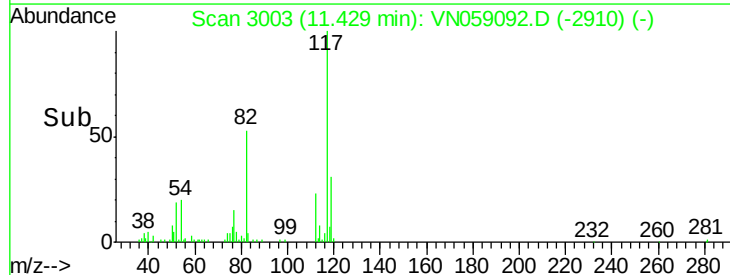
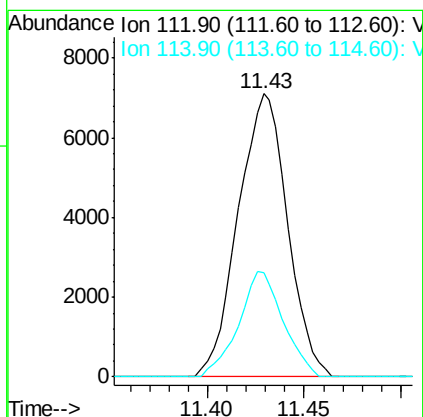
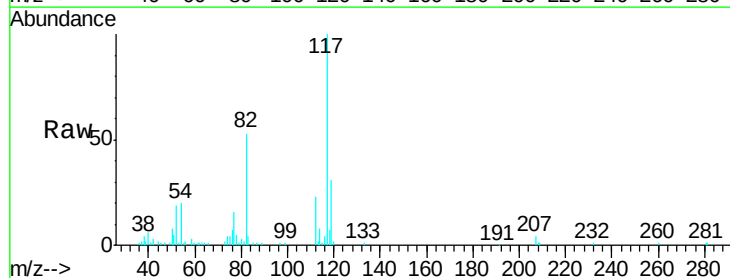
Manual Integrations
APPROVED

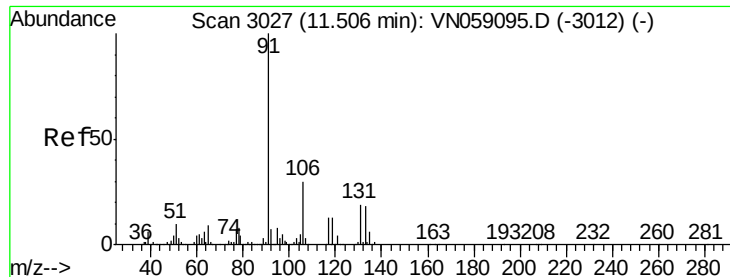
MMDadoda
11/7/2019 8:38:38 AM



#65
Chlorobenzene
Concen: 0.967 ug/l
RT: 11.43 min Scan# 3003
Delta R.T. -0.00 min
Lab File: VN059092.D
Acq: 6 Nov 2019 8:55

Tgt Ion	Ratio	Lower	Upper
112	100		
114	36.8	25.2	37.8





#66

1,1,1,2-Tetrachloroethane

Concen: 1.011 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. -0.00 min

Lab File: VN059092.D

Acq: 6 Nov 2019 8:55

Instrument :

MSVOA_N

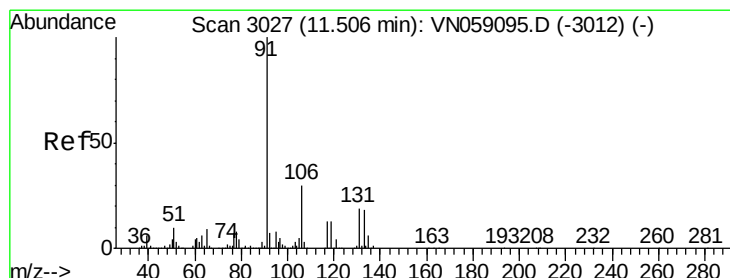
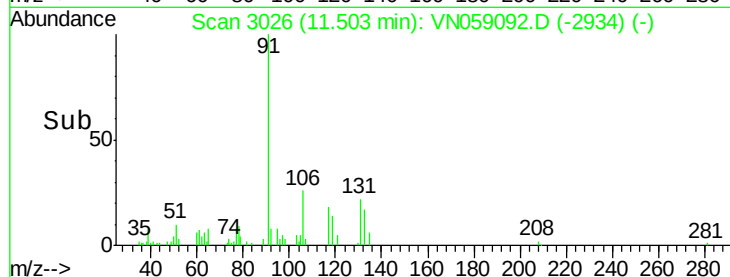
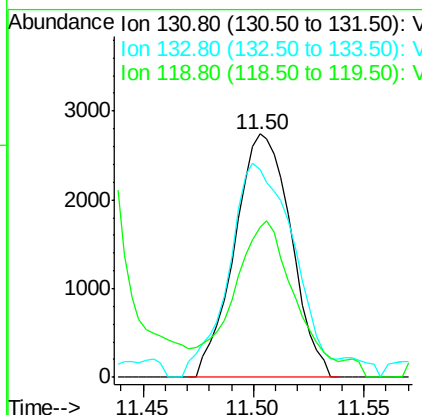
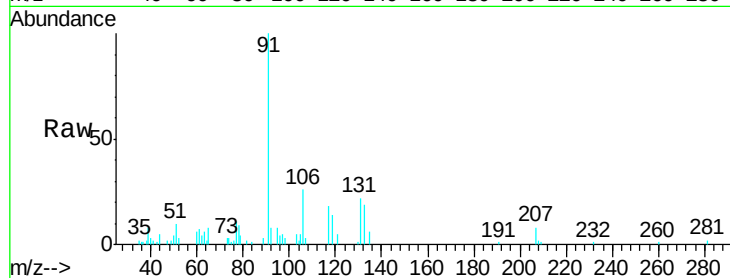
ClientSampleId :

VSTDIC001

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	4846		
133	102.1	47.4	142.3	
119	0.0	33.2	99.6#	

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#67

Ethyl Benzene

Concen: 0.998 ug/l

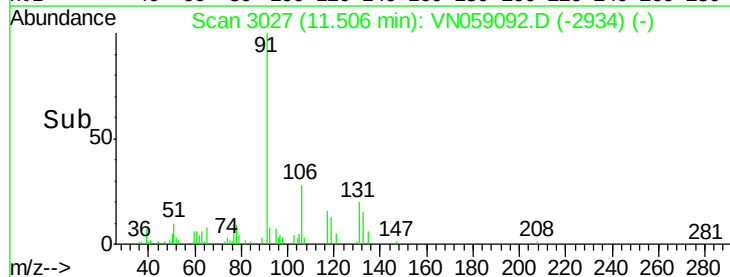
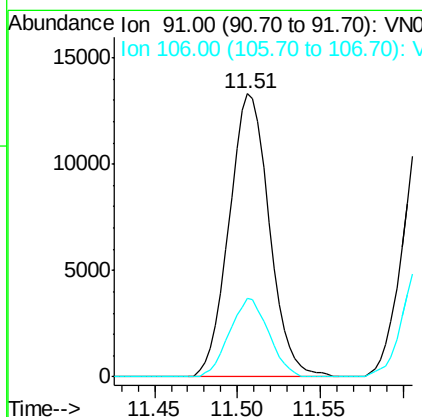
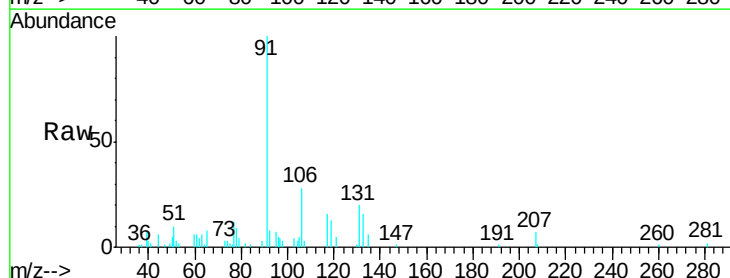
RT: 11.51 min Scan# 3027

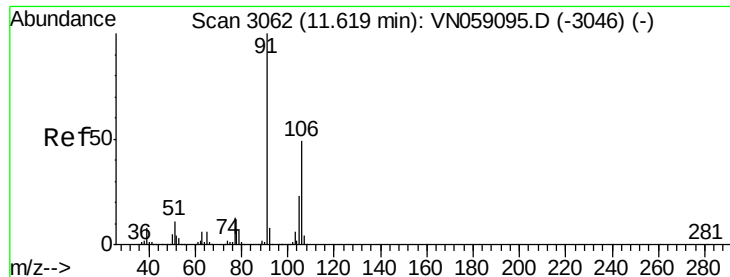
Delta R.T. -0.00 min

Lab File: VN059092.D

Acq: 6 Nov 2019 8:55

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	22470		
106	27.6	24.1	36.1	





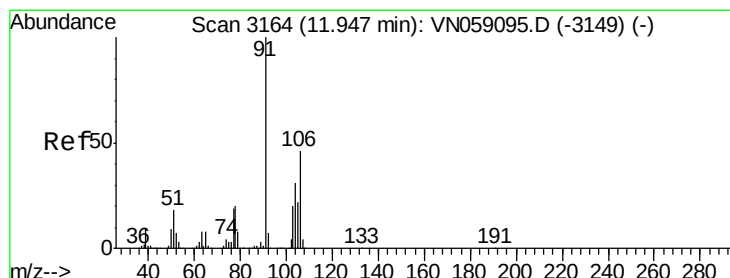
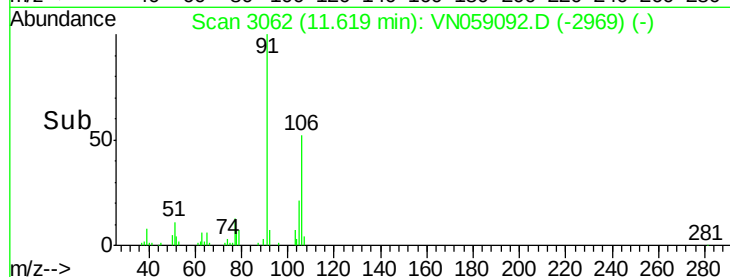
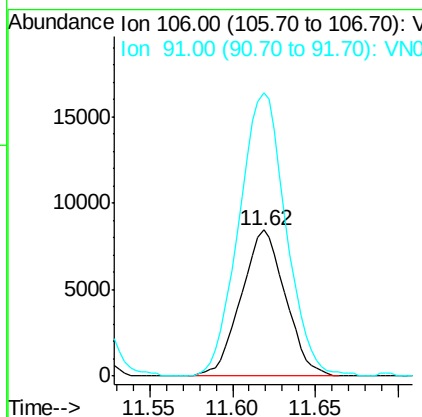
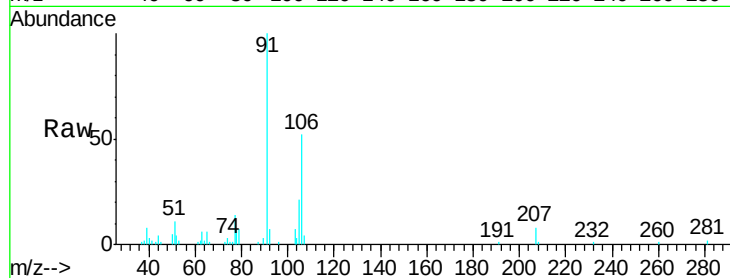
#68
m/p-Xylenes
Concen: 1.865 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN059092.D
Acq: 6 Nov 2019 8:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:106 Resp: 15703
Ion Ratio Lower Upper
106 100
91 205.4 164.7 247.1

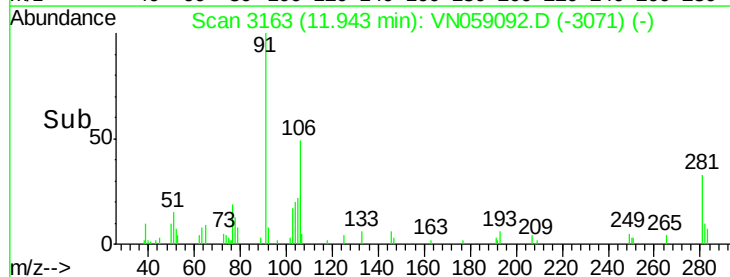
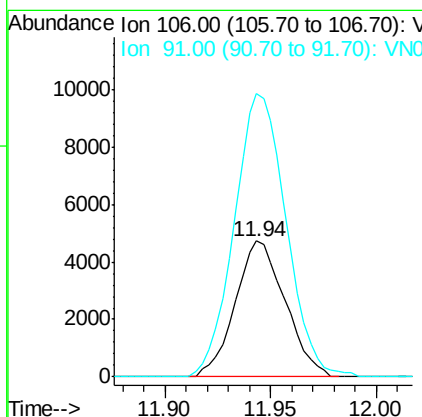
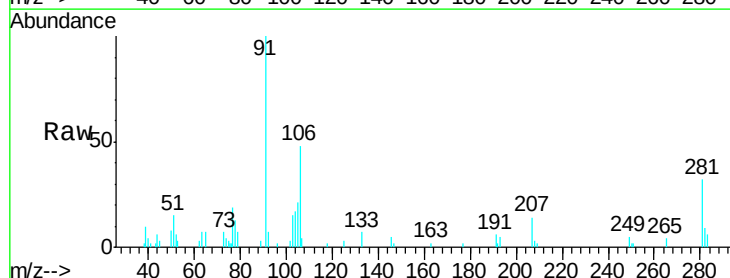
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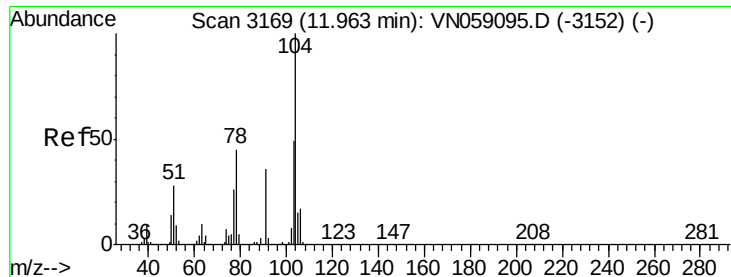
MMDadoda
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#69
o-Xylene
Concen: 0.969 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. -0.00 min
Lab File: VN059092.D
Acq: 6 Nov 2019 8:55

Tgt Ion:106 Resp: 7783
Ion Ratio Lower Upper
106 100
91 215.8 110.1 330.3





#70

Styrene

Concen: 0.814 ug/l

RT: 11.96 min Scan# 3169

Delta R.T. -0.00 min

Lab File: VN059092.D

Acq: 6 Nov 2019 8:55

Instrument :

MSVOA_N

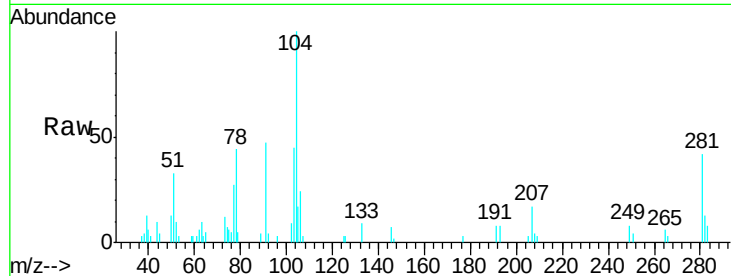
ClientSampleId :

VSTDIC001

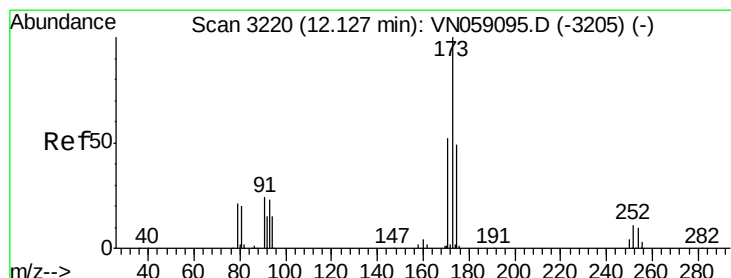
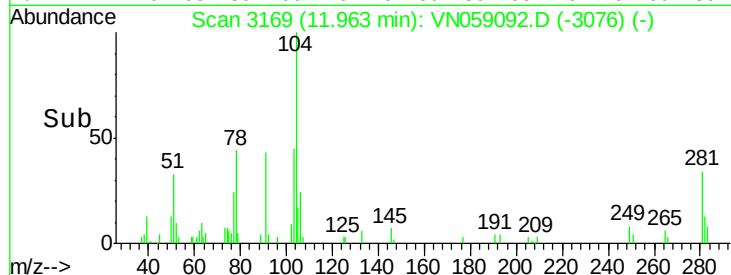
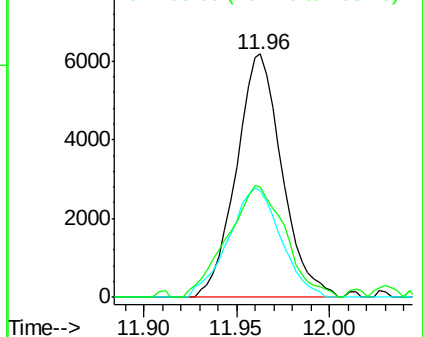
Tgt Ion:	104	Resp:	10576
Ion Ratio	Lower	Upper	
104	100		
78	51.5	41.2	61.8
103	58.2	43.8	65.6

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Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 0.947 ug/l

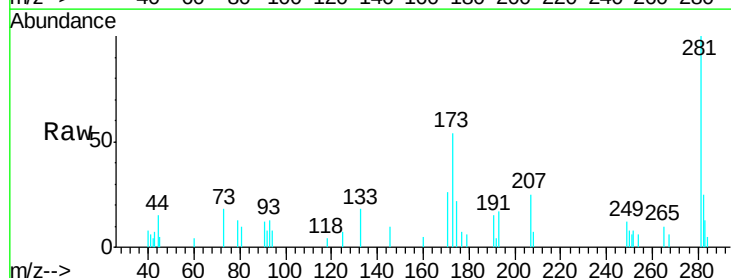
RT: 12.12 min Scan# 3219

Delta R.T. -0.00 min

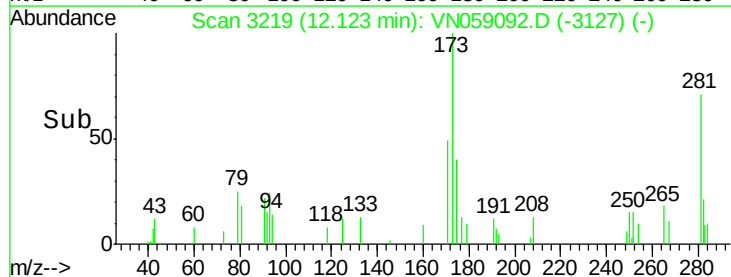
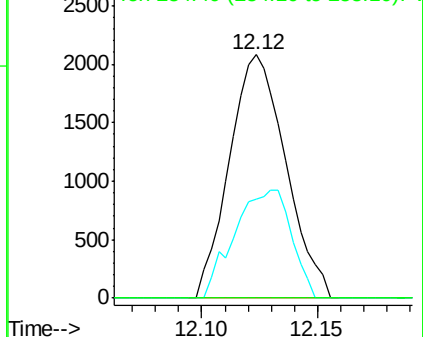
Lab File: VN059092.D

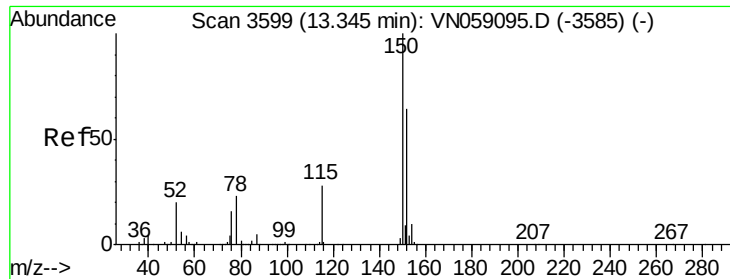
Acq: 6 Nov 2019 8:55

Tgt Ion:	173	Resp:	3509
Ion Ratio	Lower	Upper	
173	100		
175	44.9	24.2	72.6
254	0.0	0.1	0.1#



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





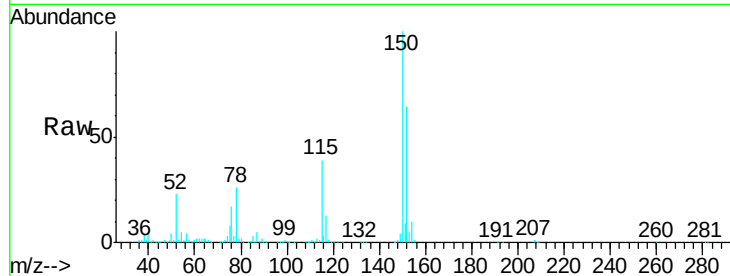
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.35 min Scan# 3599
 Delta R.T. -0.00 min
 Lab File: VN059092.D
 Acq: 6 Nov 2019 8:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	240984		
115	59.9	29.4	88.2	
150	155.7	0.0	345.8	

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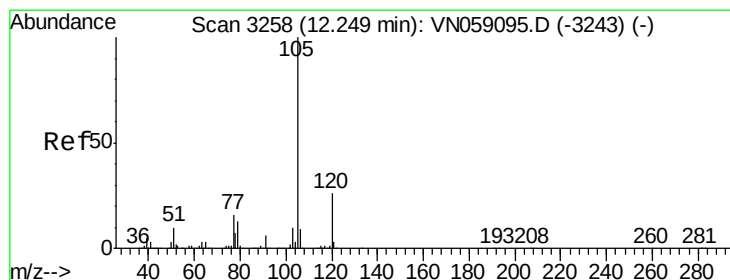
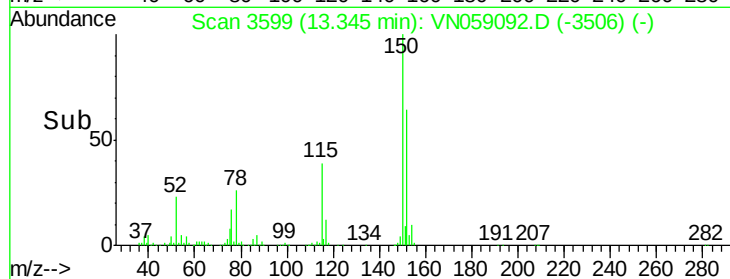
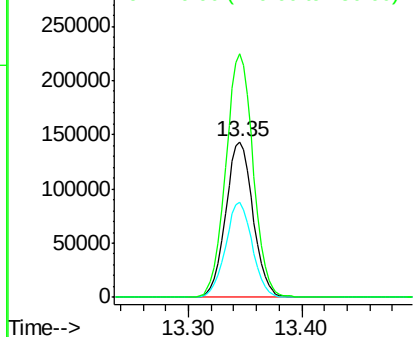


Abundance

Ion 151.90 (151.60 to 152.60): V

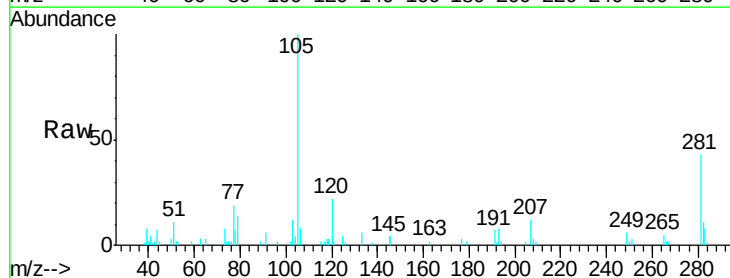
Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73
 Isopropylbenzene
 Concen: 1.132 ug/l
 RT: 12.25 min Scan# 3258
 Delta R.T. -0.00 min
 Lab File: VN059092.D
 Acq: 6 Nov 2019 8:55

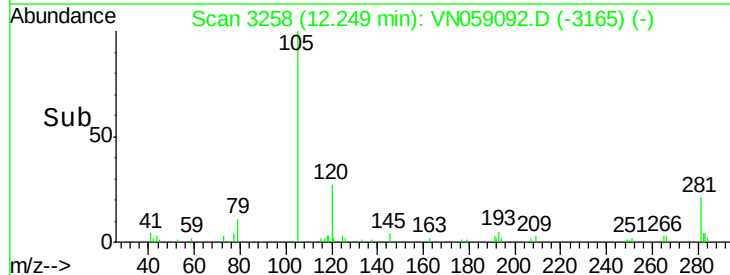
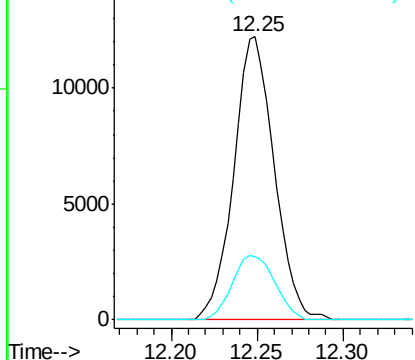
Tgt Ion	Ratio	Resp	Lower	Upper
105	100	20024		
120	23.9	13.1	39.3	

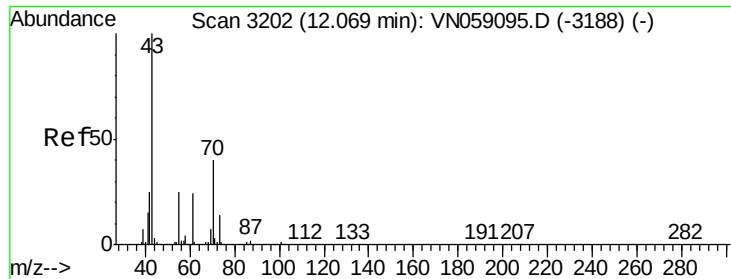


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-ethyl acetate

Concen: 0.829 ug/l

RT: 12.07 min Scan# 3203

Delta R.T. 0.00 min

Lab File: VN059092.D

Acq: 6 Nov 2019 8:55

Instrument :

MSVOA_N

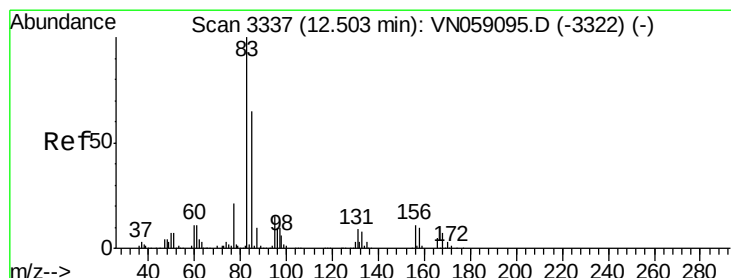
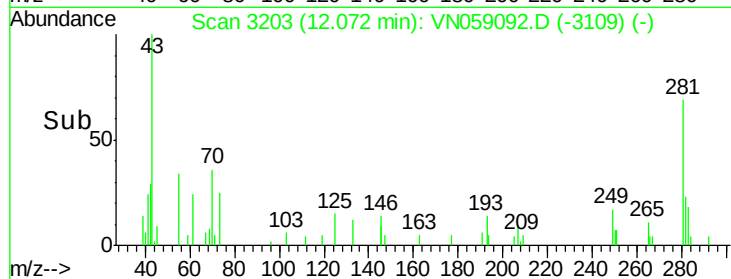
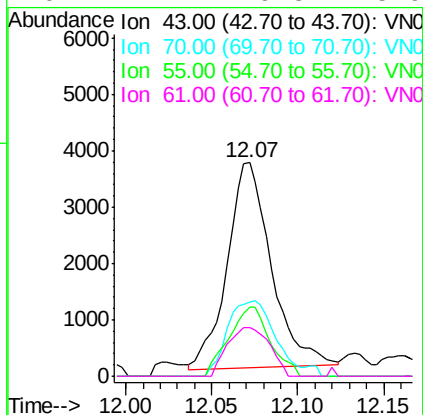
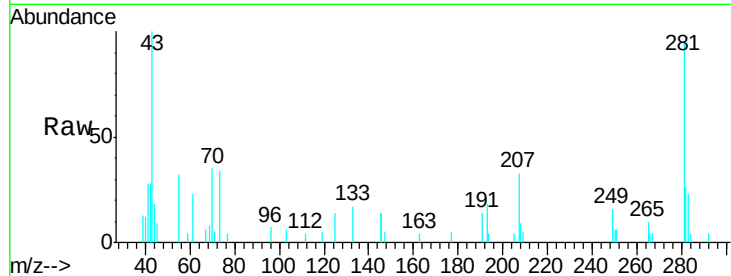
ClientSampleId :

VSTDIC001

Tgt Ion	Ratio	Lower	Upper
43	100		
70	40.7	32.2	48.4
55	31.3	20.4	30.6
61	22.7	19.3	28.9

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#75

1,1,2,2-Tetrachloroethane

Concen: 1.058 ug/l

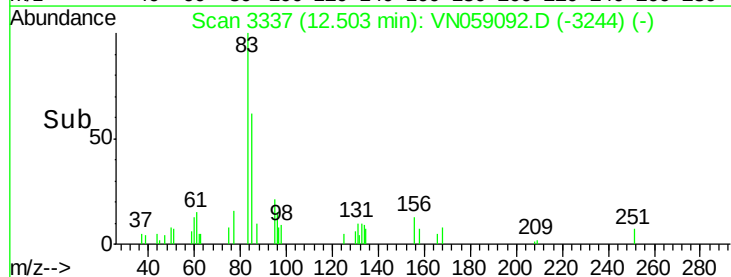
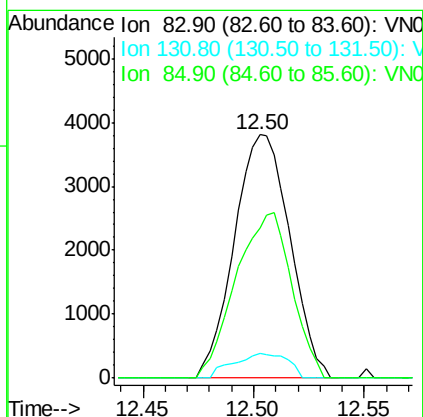
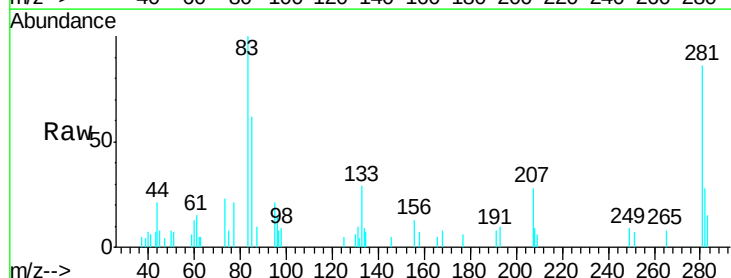
RT: 12.50 min Scan# 3337

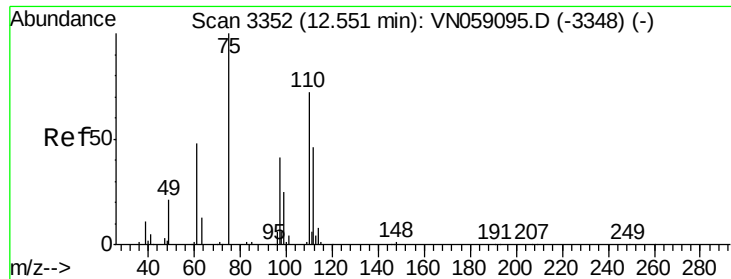
Delta R.T. -0.00 min

Lab File: VN059092.D

Acq: 6 Nov 2019 8:55

Tgt Ion	Ratio	Lower	Upper
83	100		
131	9.9	4.9	14.6
85	68.0	32.4	97.2





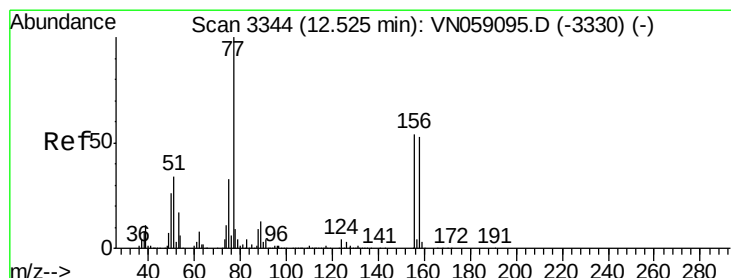
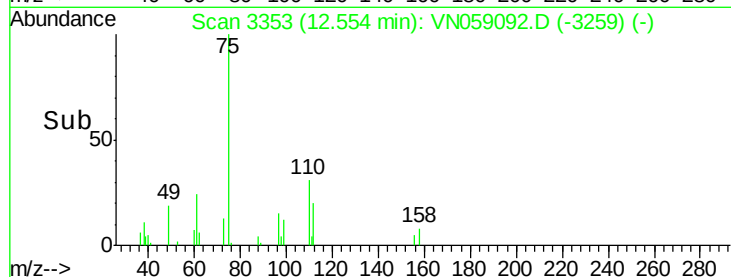
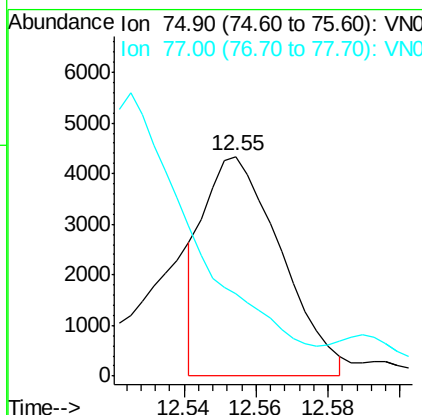
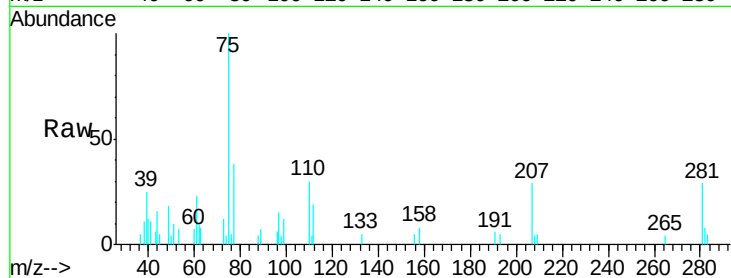
#76
1,2,3-Trichloropropane
Concen: 1.140 ug/l m
RT: 12.55 min Scan# 3353
Delta R.T. 0.00 min
Lab File: VN059092.D
Acq: 6 Nov 2019 8:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 75 Resp: 6419
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

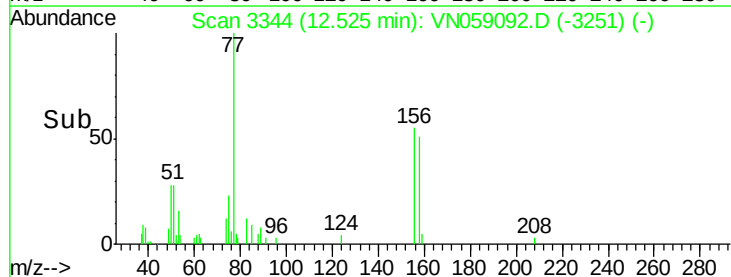
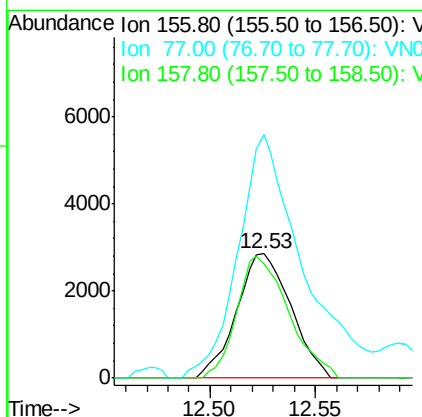
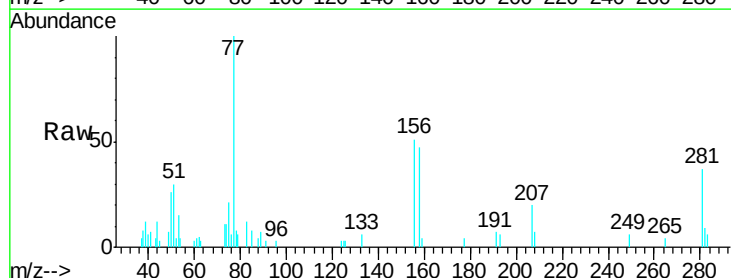
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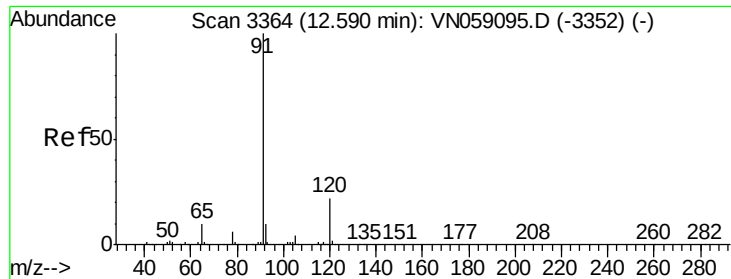
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#77
Bromobenzene
Concen: 1.152 ug/l
RT: 12.53 min Scan# 3344
Delta R.T. -0.00 min
Lab File: VN059092.D
Acq: 6 Nov 2019 8:55

Tgt Ion: 156 Resp: 5111
Ion Ratio Lower Upper
156 100
77 232.3 112.8 338.3
158 93.4 48.4 145.3





#78

n-propylbenzene

Concen: 1.081 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN059092.D

Acq: 6 Nov 2019 8:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

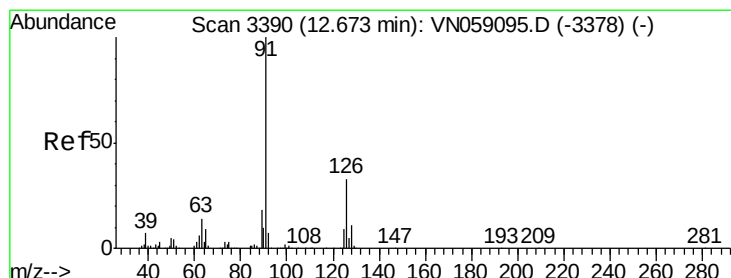
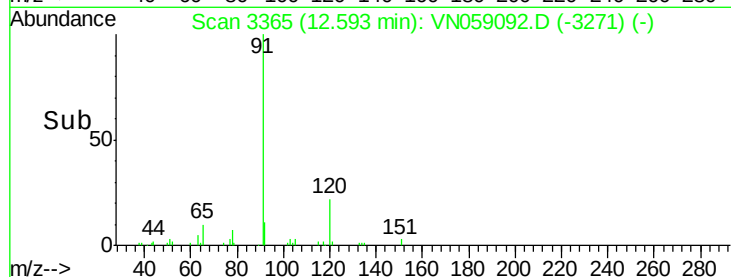
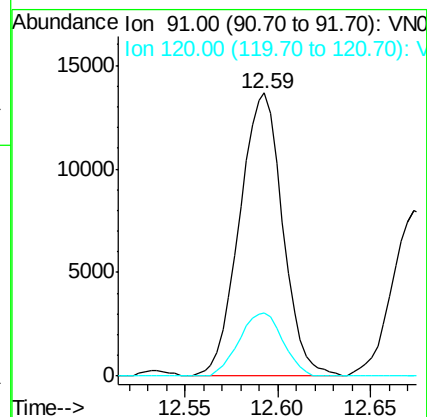
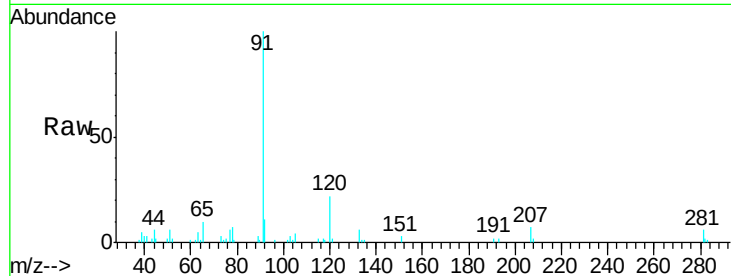
Tgt Ion: 91 Resp: 22090
Ion Ratio Lower Upper

91 100

120 22.4 11.2 33.5

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#79

2-Chlorotoluene

Concen: 1.090 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

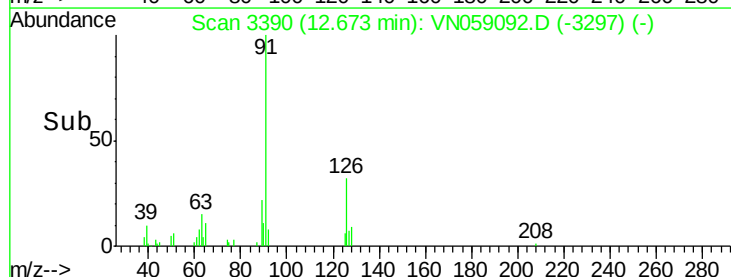
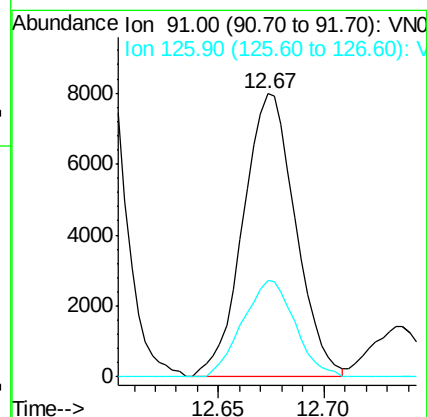
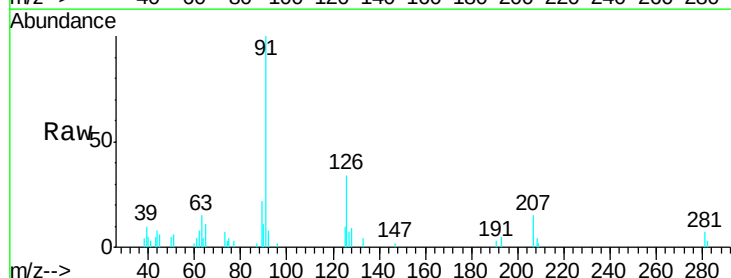
Lab File: VN059092.D

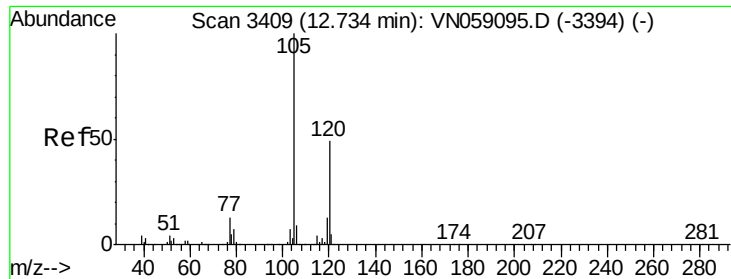
Acq: 6 Nov 2019 8:55

Tgt Ion: 91 Resp: 13835
Ion Ratio Lower Upper

91 100

126 33.7 16.7 50.1





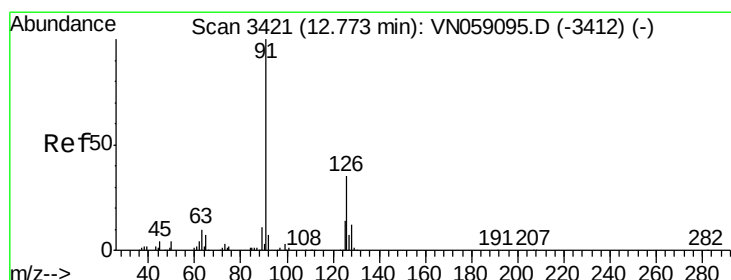
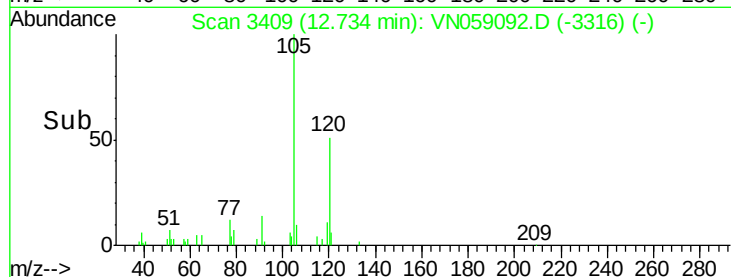
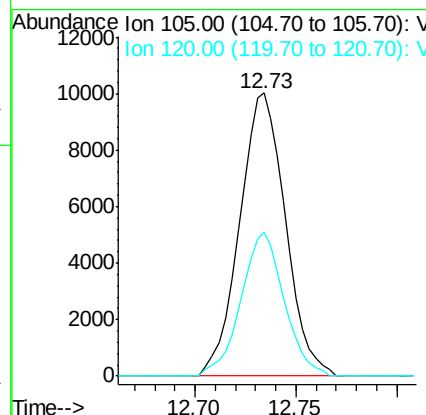
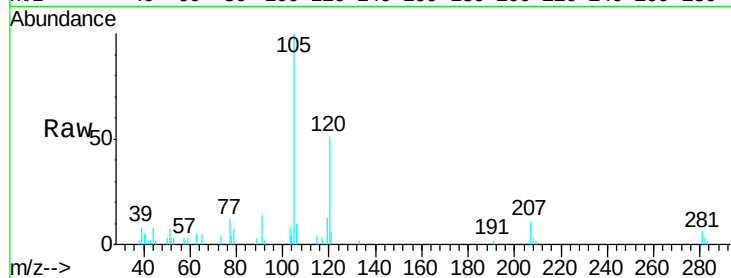
#80
1,3,5-Trimethylbenzene
Concen: 1.056 ug/l
RT: 12.73 min Scan# 3409
Delta R.T. -0.00 min
Lab File: VN059092.D
Acq: 6 Nov 2019 8:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion	Ratio	Lower	Upper
105	100		
120	48.1	24.0	72.0

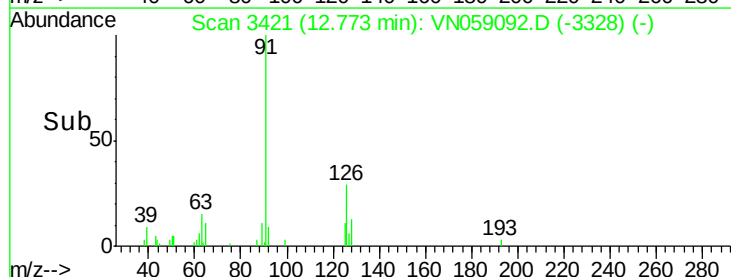
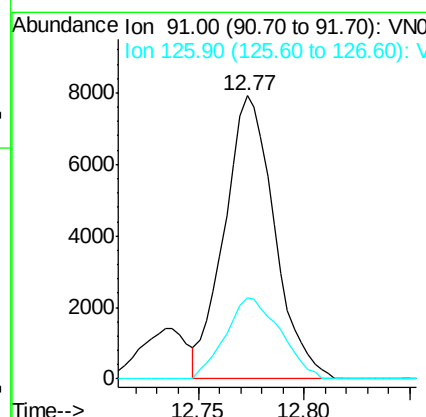
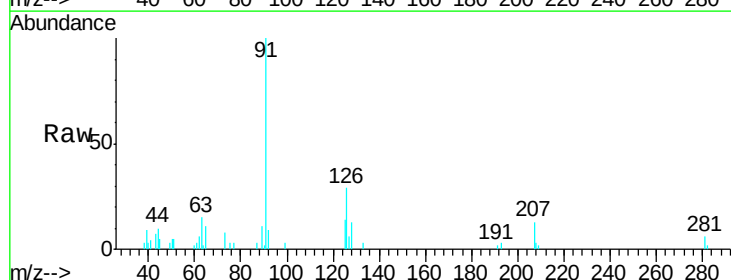
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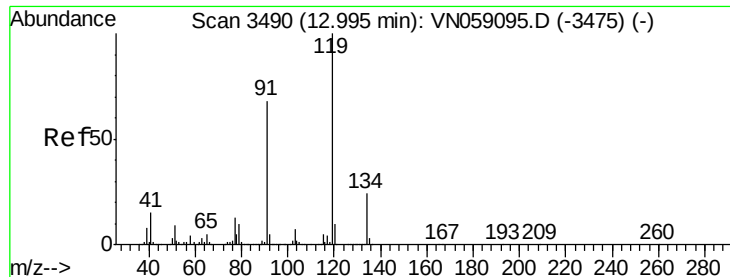
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#82
4-Chlorotoluene
Concen: 1.004 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. -0.00 min
Lab File: VN059092.D
Acq: 6 Nov 2019 8:55

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.3	16.1	48.2





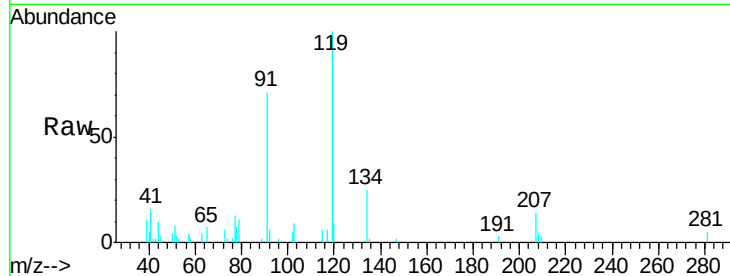
#83
 tert-Butylbenzene
 Concen: 1.111 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. -0.00 min
 Lab File: VN059092.D
 Acq: 6 Nov 2019 8:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

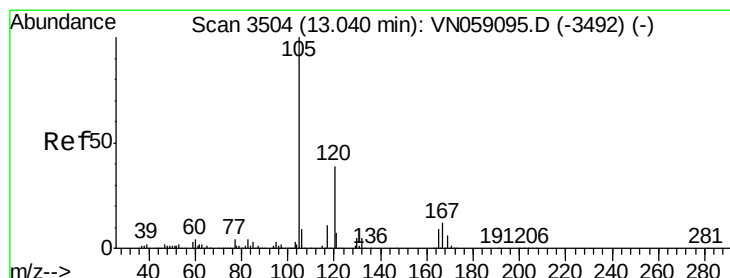
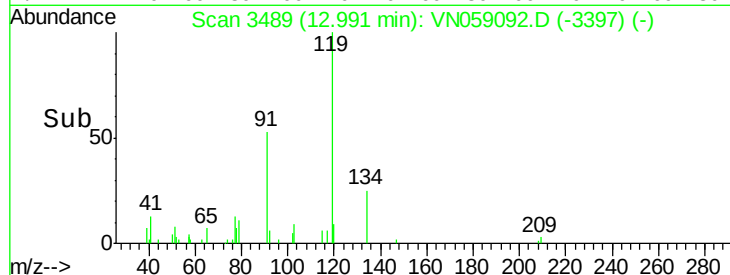
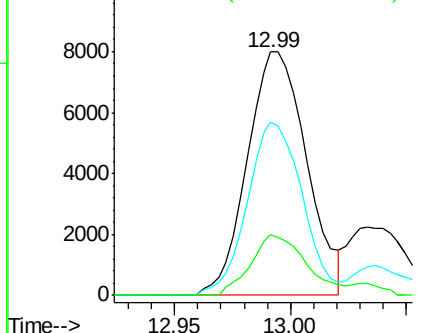
Tgt Ion	Ratio	Lower	Upper
119	100		
91	65.6	33.2	99.6
134	23.3	12.7	38.1

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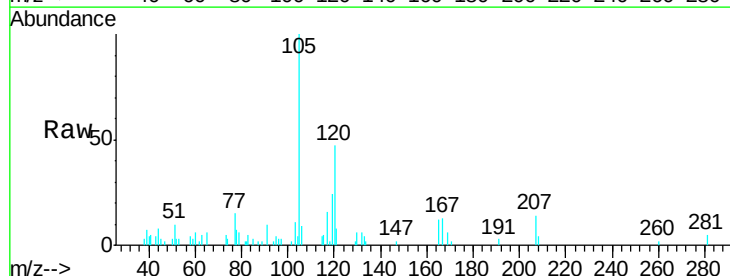


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

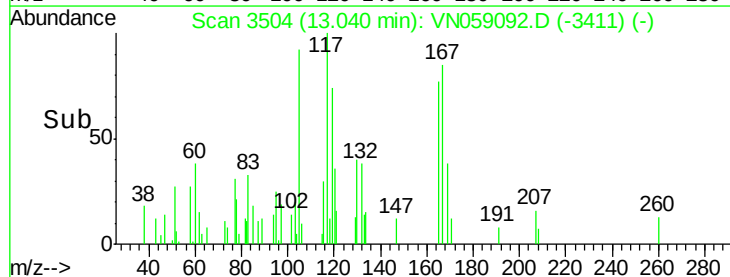
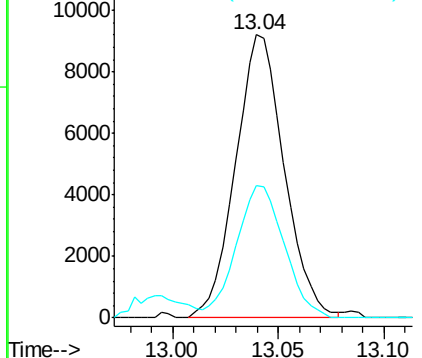


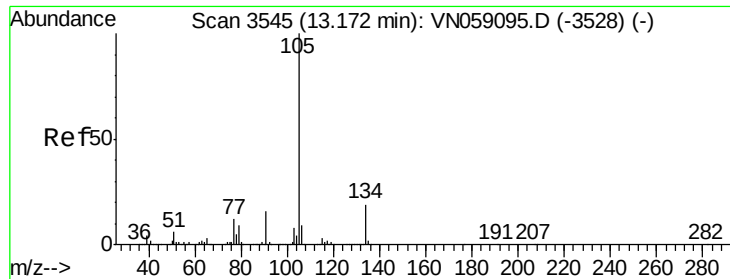
#84
 1,2,4-Trimethylbenzene
 Concen: 1.013 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN059092.D
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Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.0	22.8	68.4



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





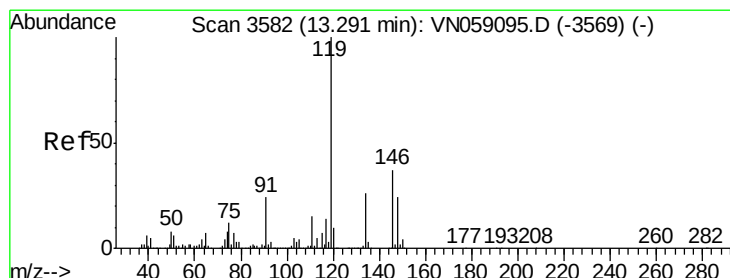
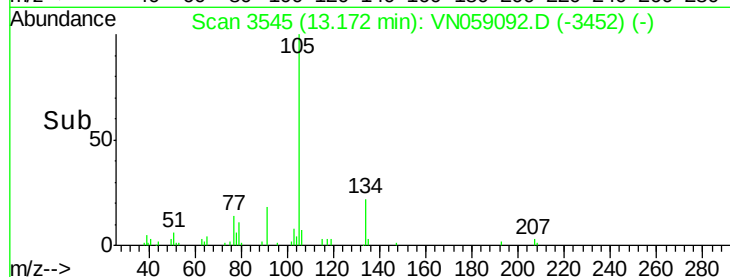
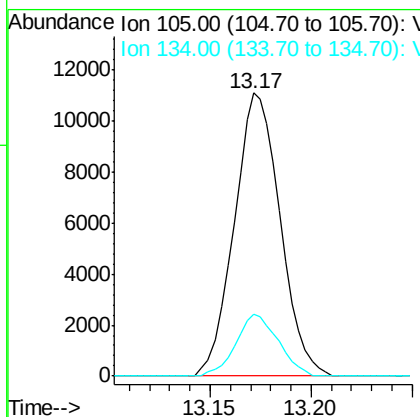
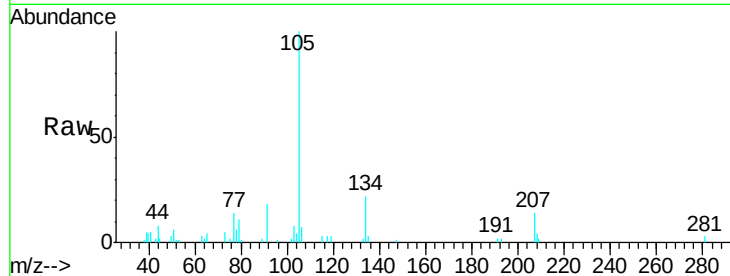
#85
 sec-Butylbenzene
 Concen: 1.054 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. -0.00 min
 Lab File: VN059092.D
 Acq: 6 Nov 2019 8:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tgt Ion	Ratio	Lower	Upper
105	100		
134	20.1	9.7	29.1

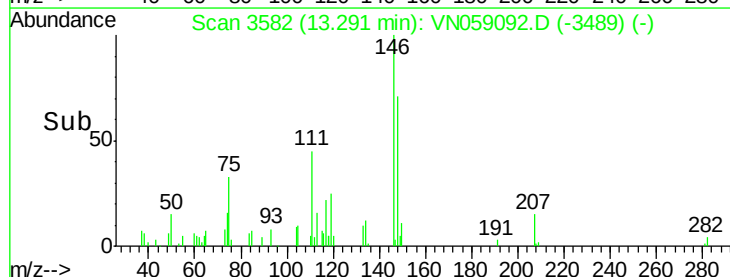
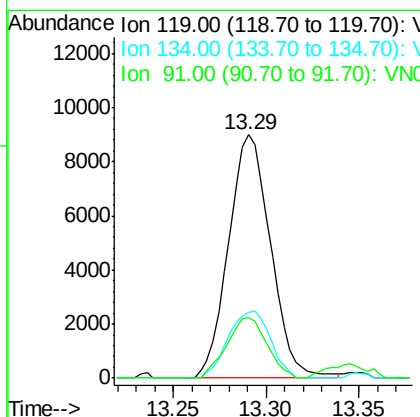
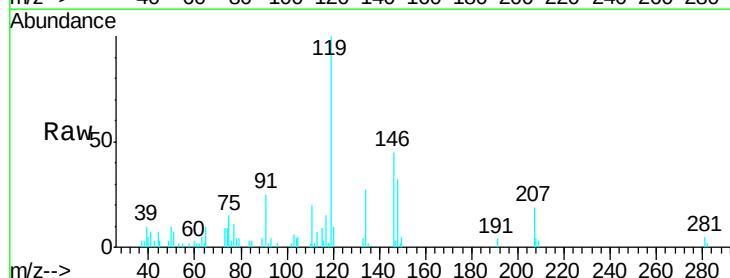
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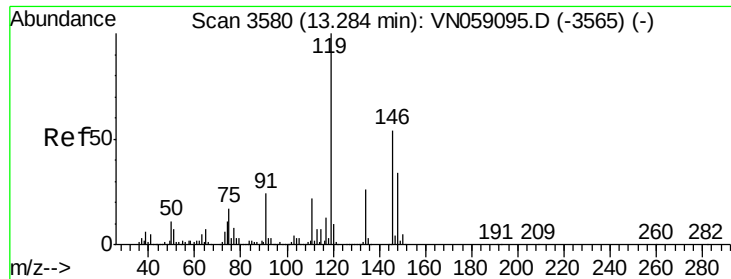
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#86
 p-Isopropyltoluene
 Concen: 0.940 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN059092.D
 Acq: 6 Nov 2019 8:55

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.7	13.0	38.9
91	23.8	11.7	35.1





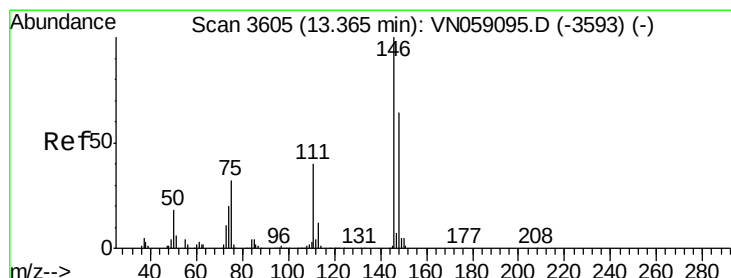
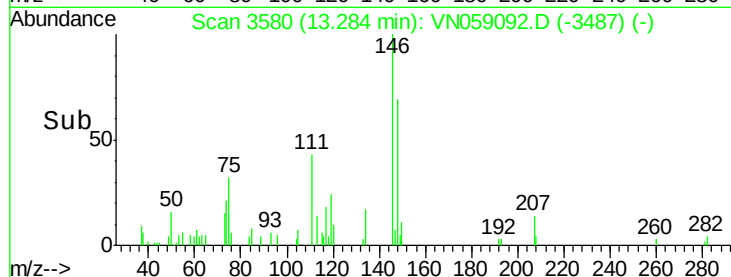
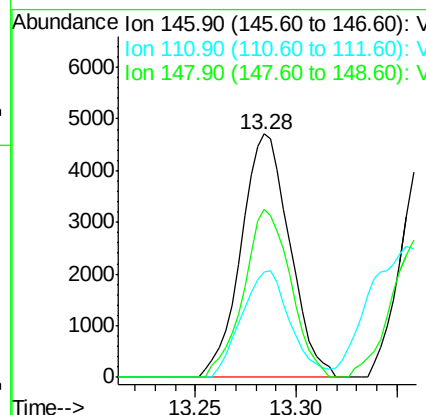
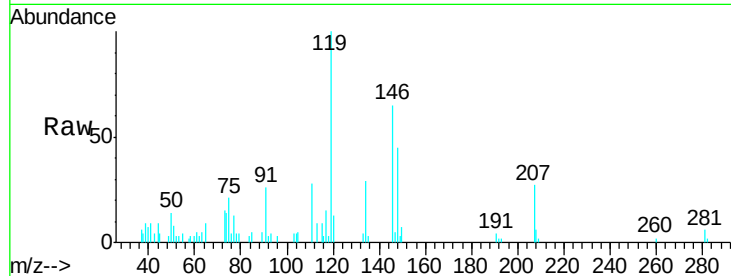
#87
 1,3-Dichlorobenzene
 Concen: 1.010 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. -0.00 min
 Lab File: VN059092.D
 Acq: 6 Nov 2019 8:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.7	20.4	61.3
148	66.6	32.2	96.6

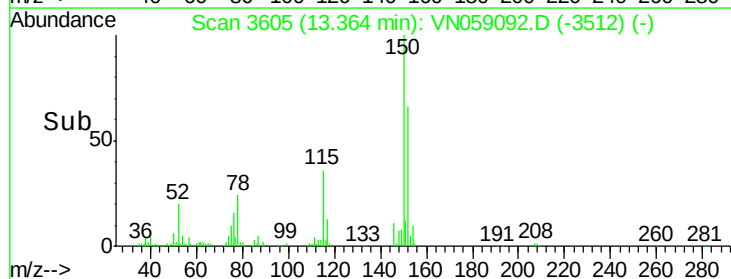
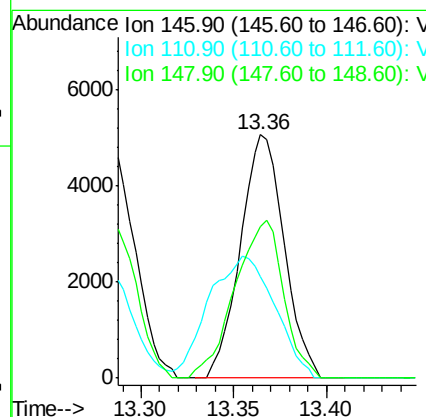
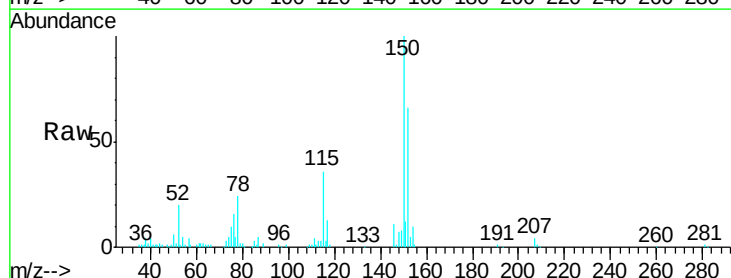
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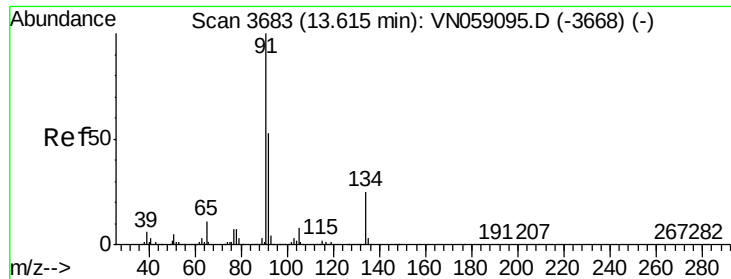
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#88
 1,4-Dichlorobenzene
 Concen: 1.063 ug/l m
 RT: 13.36 min Scan# 3605
 Delta R.T. -0.00 min
 Lab File: VN059092.D
 Acq: 6 Nov 2019 8:55

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.1	20.3	60.9
148	64.0	31.9	95.7





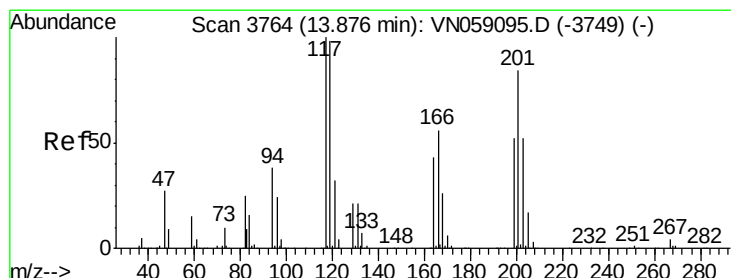
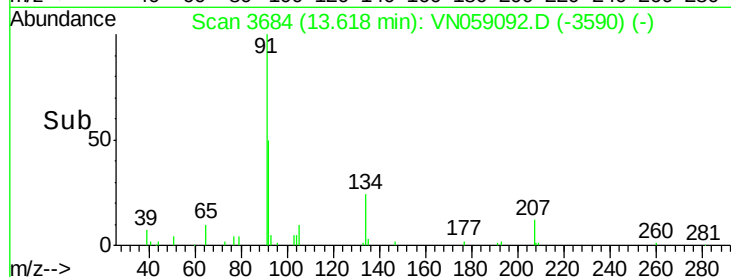
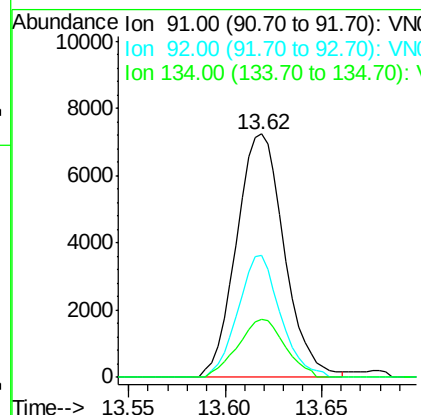
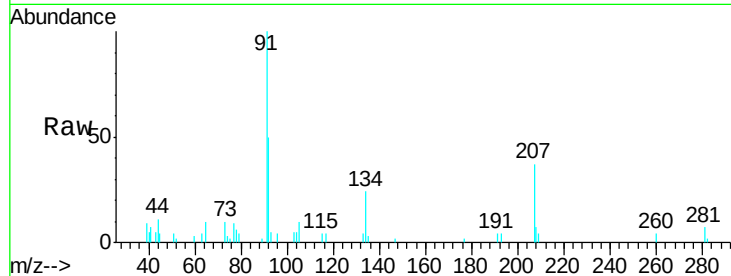
#89
n-Butylbenzene
Concen: 0.950 ug/l
RT: 13.62 min Scan# 3684
Delta R.T. 0.00 min
Lab File: VN059092.D
Acq: 6 Nov 2019 8:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion	Ratio	Lower	Upper
91	100		
92	44.7	26.1	78.3
134	23.4	12.6	37.8

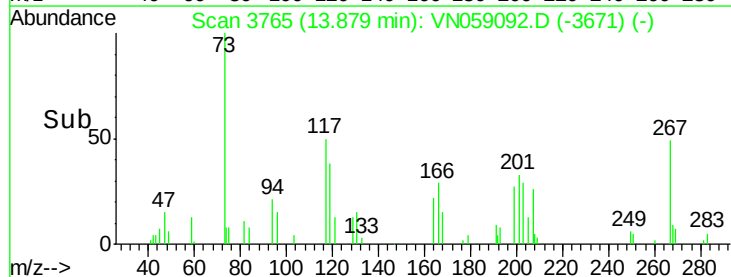
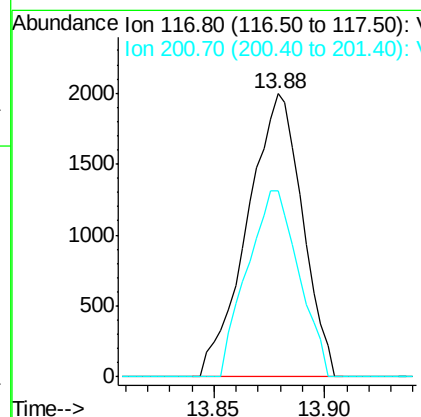
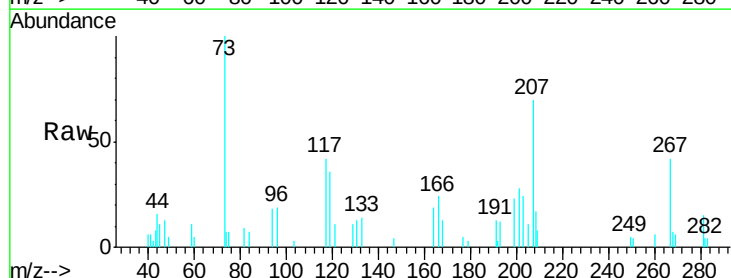
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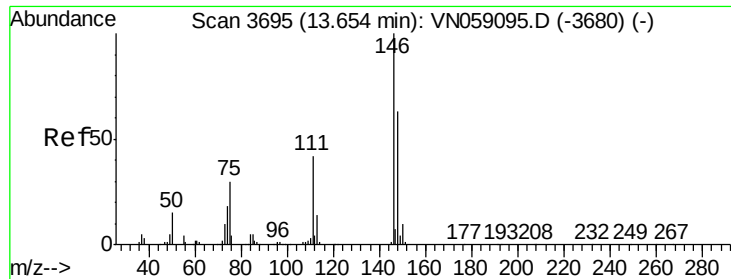
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#90
Hexachloroethane
Concen: 1.151 ug/l
RT: 13.88 min Scan# 3765
Delta R.T. 0.00 min
Lab File: VN059092.D
Acq: 6 Nov 2019 8:55

Tgt Ion	Ratio	Lower	Upper
117	100		
201	61.4	41.8	125.3





#91

1,2-Dichlorobenzene

Concen: 0.982 ug/l

RT: 13.66 min Scan# 3696

Delta R.T. 0.00 min

Lab File: VN059092.D

Acq: 6 Nov 2019 8:55

Instrument :

MSVOA_N

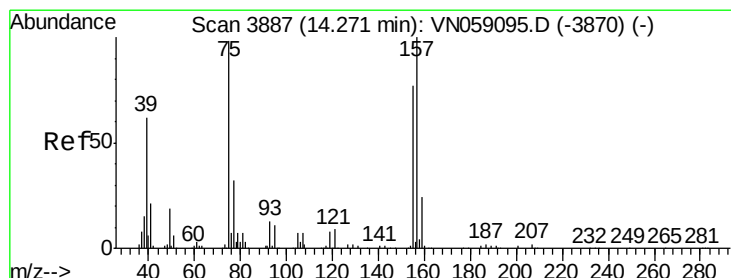
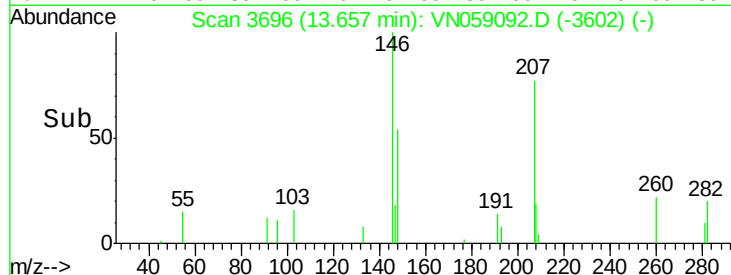
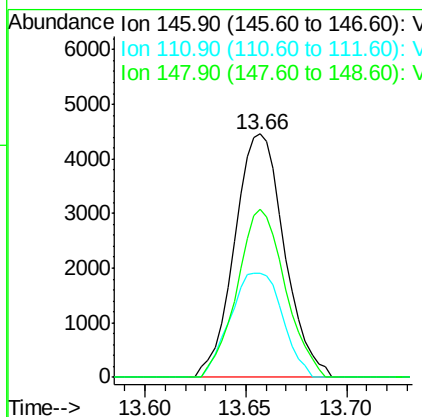
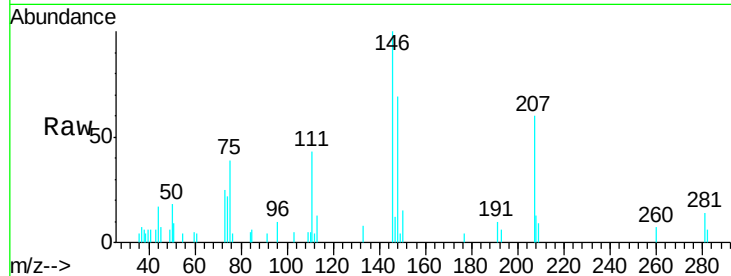
ClientSampleId :

VSTDIC001

Tgt Ion:	146	Resp:	7692
Ion Ratio	Lower	Upper	
146	100		
111	44.7	21.2	63.6
148	66.7	31.6	94.7

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#92

1,2-Dibromo-3-Chloropropane

Concen: 1.453 ug/l

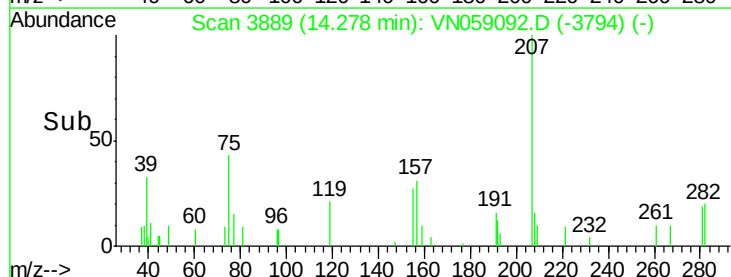
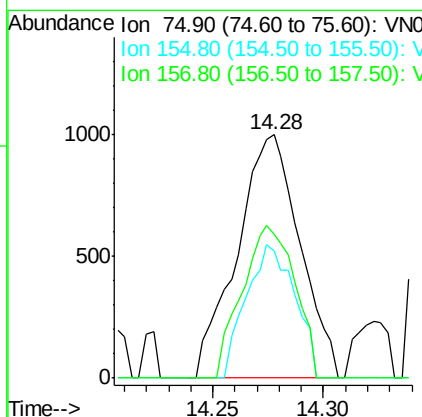
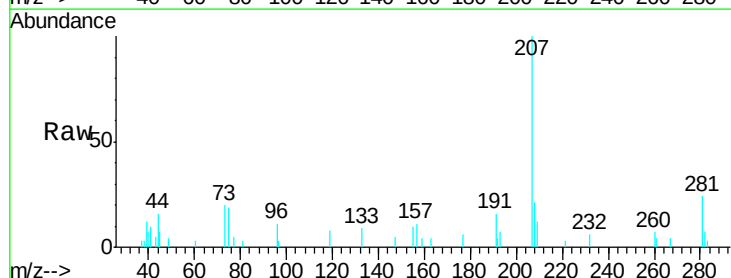
RT: 14.28 min Scan# 3889

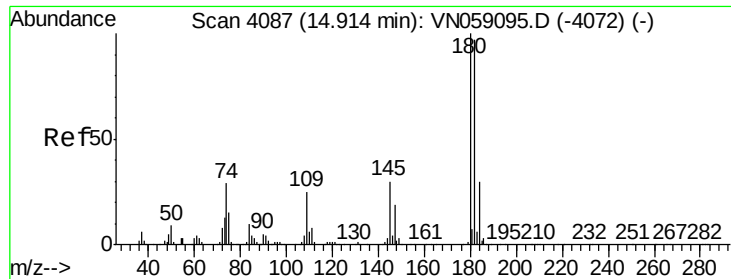
Delta R.T. 0.01 min

Lab File: VN059092.D

Acq: 6 Nov 2019 8:55

Tgt Ion:	75	Resp:	1974
Ion Ratio	Lower	Upper	
75	100		
155	42.6	40.2	120.6
157	52.6	51.8	155.5





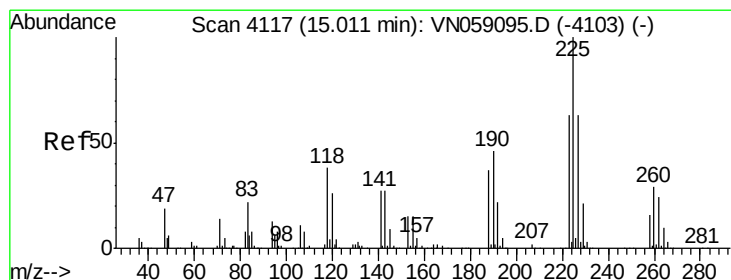
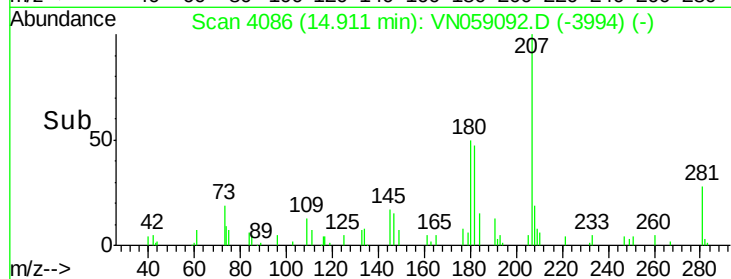
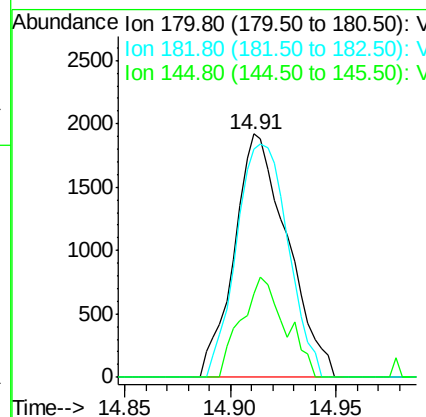
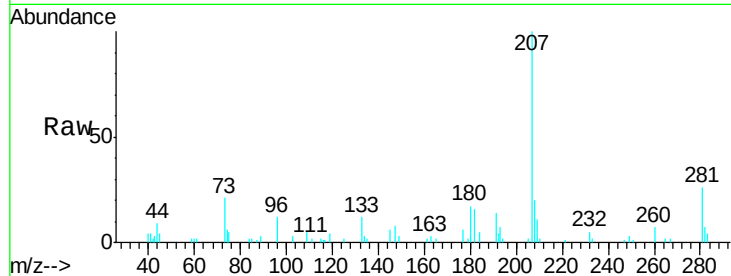
#93
 1,2,4-Trichlorobenzene
 Concen: 0.801 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. -0.00 min
 Lab File: VN059092.D
 Acq: 6 Nov 2019 8:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.0	48.1	144.3
145	33.9	15.1	45.3

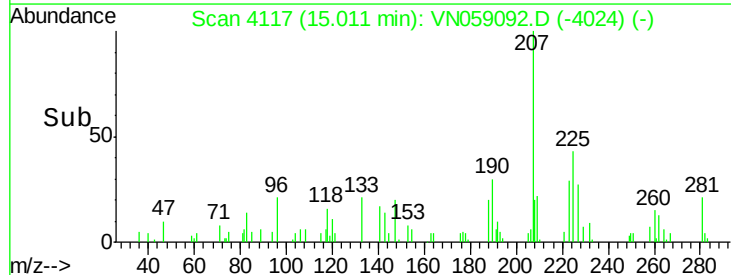
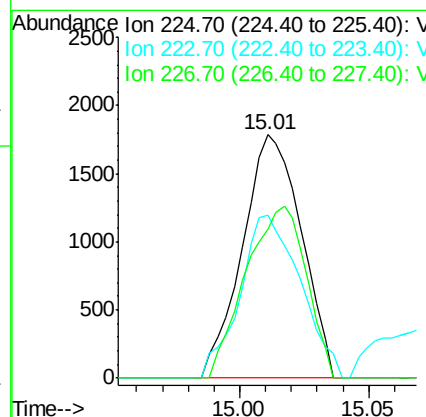
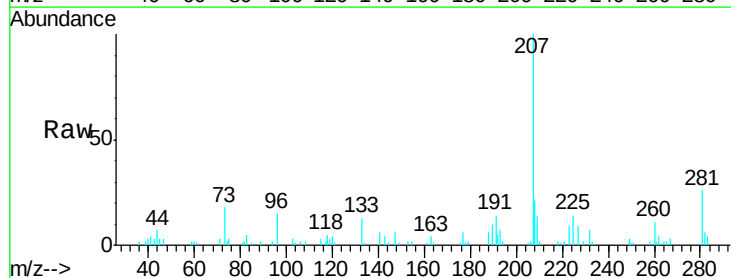
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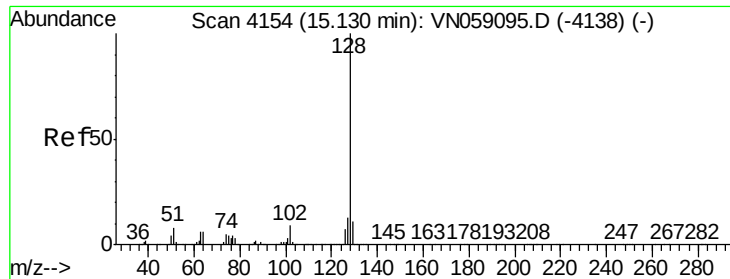
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#94
 Hexachlorobutadiene
 Concen: 1.119 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. -0.00 min
 Lab File: VN059092.D
 Acq: 6 Nov 2019 8:55

Tgt Ion	Ratio	Lower	Upper
225	100		
223	68.8	31.3	93.9
227	72.4	31.5	94.5





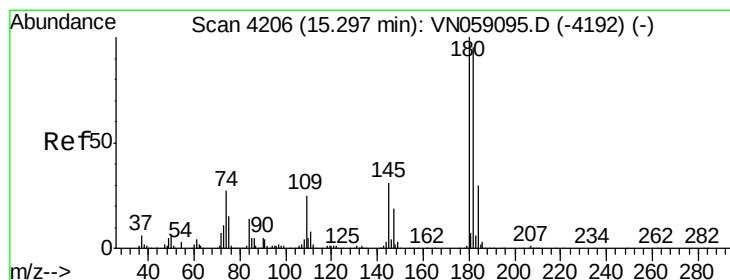
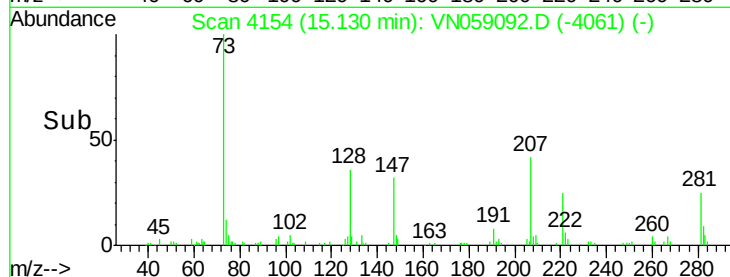
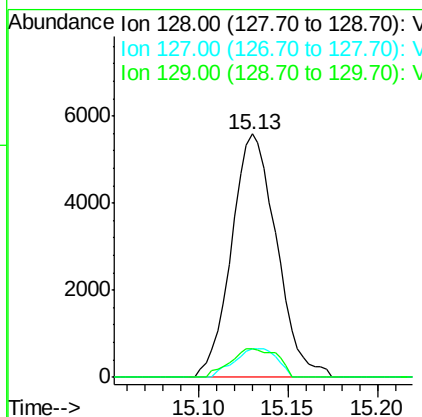
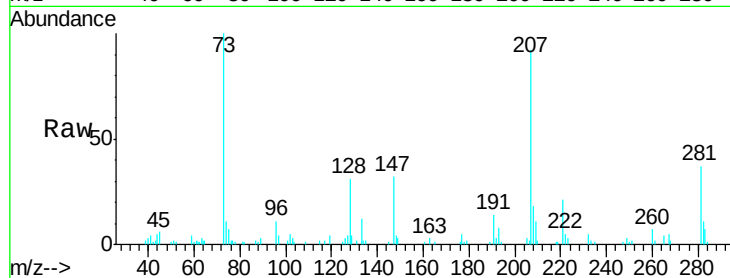
#95
Naphthalene
Concen: 0.852 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. -0.00 min
Lab File: VN059092.D
Acq: 6 Nov 2019 8:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	9811		
127	11.2	10.2	15.2	
129	12.4	8.6	12.8	

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#96
1,2,3-Trichlorobenzene
Concen: 0.984 ug/l
RT: 15.30 min Scan# 4206
Delta R.T. -0.00 min
Lab File: VN059092.D
Acq: 6 Nov 2019 8:55

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	4229		
182	78.7	47.3	141.8	
145	41.9	15.8	47.3	

