

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091020\
 Data File : VN063298.D
 Acq On : 10 Sep 2020 16:59
 Operator : JC/MD
 Sample : VN0910MBS01
 Misc : 5.00µl/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0910MBS01

Quant Time: Sep 11 06:08:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091020W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 11 06:02:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	455308	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	809749	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	736091	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	332663	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	346756	48.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.94%	
35) Dibromofluoromethane	7.55	113	253965	48.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.24%	
50) Toluene-d8	10.06	98	984581	49.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.36%	
62) 4-Bromofluorobenzene	12.38	95	357971	48.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.82%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	80085	18.314	ug/l	97
3) Chloromethane	2.04	50	120082	19.483	ug/l	99
4) Vinyl Chloride	2.17	62	119392	19.299	ug/l	97
5) Bromomethane	2.54	94	83750	19.403	ug/l	98
6) Chloroethane	2.68	64	76989	19.024	ug/l	95
7) Trichlorofluoromethane	2.99	101	176943	18.495	ug/l	97
8) Diethyl Ether	3.38	74	64412	18.882	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	95698	19.146	ug/l	99
10) Methyl Iodide	3.91	142	114592	17.686	ug/l	99
11) Tert butyl alcohol	4.73	59	94516	99.933	ug/l	97
12) 1,1-Dichloroethene	3.70	96	92848	18.609	ug/l	97
13) Acrolein	3.57	56	46081	110.230	ug/l	99
14) Allyl chloride	4.28	41	187606	18.317	ug/l	98
15) Acrylonitrile	4.93	53	248121	95.950	ug/l	98
16) Acetone	3.78	43	229735	93.005	ug/l	100
17) Carbon Disulfide	4.01	76	270144	18.687	ug/l	98
18) Methyl Acetate	4.28	43	117370	18.902	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	338053	18.961	ug/l	98
20) Methylene Chloride	4.51	84	117008	20.043	ug/l	98
21) trans-1,2-Dichloroethene	5.00	96	103403	18.519	ug/l	96
22) Diisopropyl ether	5.90	45	381446	18.924	ug/l	92
23) Vinyl Acetate	5.85	43	1605189	101.173	ug/l	99
24) 1,1-Dichloroethane	5.80	63	206908	18.955	ug/l	99
25) 2-Butanone	6.79	43	358026	98.121	ug/l	99
26) 2,2-Dichloropropane	6.78	77	178067	18.612	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	119845	18.417	ug/l	99
28) Bromochloromethane	7.15	49	94060	17.770	ug/l	99
29) Tetrahydrofuran	7.17	42	234767	98.812	ug/l	98
30) Chloroform	7.33	83	209054	19.128	ug/l	98
31) Cyclohexane	7.61	56	189572	18.895	ug/l #	93
32) 1,1,1-Trichloroethane	7.53	97	178693	18.756	ug/l	99
36) 1,1-Dichloropropene	7.75	75	155337	18.663	ug/l	99
37) Ethyl Acetate	6.88	43	156531	19.116	ug/l	97
38) Carbon Tetrachloride	7.74	117	152941	18.670	ug/l	94

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	169536	18.671	ug/l	99
40) Benzene	8.00	78	452565	19.037	ug/l	100
41) Methacrylonitrile	7.13	41	71322	19.256	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	171489	19.013	ug/l	100
43) Isopropyl Acetate	8.13	43	268969	19.396	ug/l #	91
44) Trichloroethene	8.80	130	118194	19.011	ug/l	96
45) 1,2-Dichloropropane	9.08	63	126295	19.368	ug/l	98
46) Dibromomethane	9.18	93	80098	18.943	ug/l	98
47) Bromodichloromethane	9.37	83	164519	18.670	ug/l	99
48) Methyl methacrylate	9.17	41	125237	18.927	ug/l	99
49) 1,4-Dioxane	9.17	88	37171	362.831	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	785583	102.795	ug/l	99
52) Toluene	10.13	92	279139	19.232	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	183334	19.079	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	198223	19.159	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	109409	19.237	ug/l	98
56) Ethyl methacrylate	10.40	69	167859	19.408	ug/l	97
57) 1,3-Dichloropropane	10.68	76	192232	19.342	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	398129	85.817	ug/l	100
59) 2-Hexanone	10.72	43	574228	101.882	ug/l	99
60) Dibromochloromethane	10.87	129	118872	19.033	ug/l	100
61) 1,2-Dibromoethane	10.98	107	110571	18.648	ug/l	99
64) Tetrachloroethene	10.60	164	115337	19.127	ug/l	98
65) Chlorobenzene	11.41	112	293520	18.522	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	108314	18.760	ug/l	99
67) Ethyl Benzene	11.49	91	548996	19.298	ug/l	99
68) m/p-Xylenes	11.59	106	394752	37.512	ug/l	99
69) o-Xylene	11.92	106	191977	19.010	ug/l	99
70) Styrene	11.94	104	315710	18.809	ug/l	99
71) Bromoform	12.10	173	74075	18.549	ug/l #	96
73) Isopropylbenzene	12.23	105	513965	19.155	ug/l	100
74) N-amyl acetate	12.04	43	223366	20.276	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	146012	19.000	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	207340	28.252	ug/l #	100
77) Bromobenzene	12.50	156	117320	19.021	ug/l	100
78) n-propylbenzene	12.57	91	596776	19.578	ug/l	99
79) 2-Chlorotoluene	12.65	91	359897	19.202	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	432011	19.390	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	51512	18.858	ug/l	97
82) 4-Chlorotoluene	12.75	91	369159	18.790	ug/l	99
83) tert-Butylbenzene	12.97	119	357204	18.904	ug/l	100
84) 1,2,4-Trimethylbenzene	13.02	105	433521	19.304	ug/l	98
85) sec-Butylbenzene	13.15	105	468740	19.498	ug/l	99
86) p-Isopropyltoluene	13.26	119	425142	19.290	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	211497	18.757	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	211672	19.000	ug/l	99
89) n-Butylbenzene	13.59	91	379794	19.090	ug/l	99
90) Hexachloroethane	13.85	117	68363	18.857	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	209301	18.781	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	32873	18.812	ug/l	98

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Instrument :
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ClientSampleId :
VN0910MBS01

Quant Time: Sep 11 06:08:32 2020
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Quant Title : SW846 8260
QLast Update : Fri Sep 11 06:02:56 2020
Response via : Initial Calibration

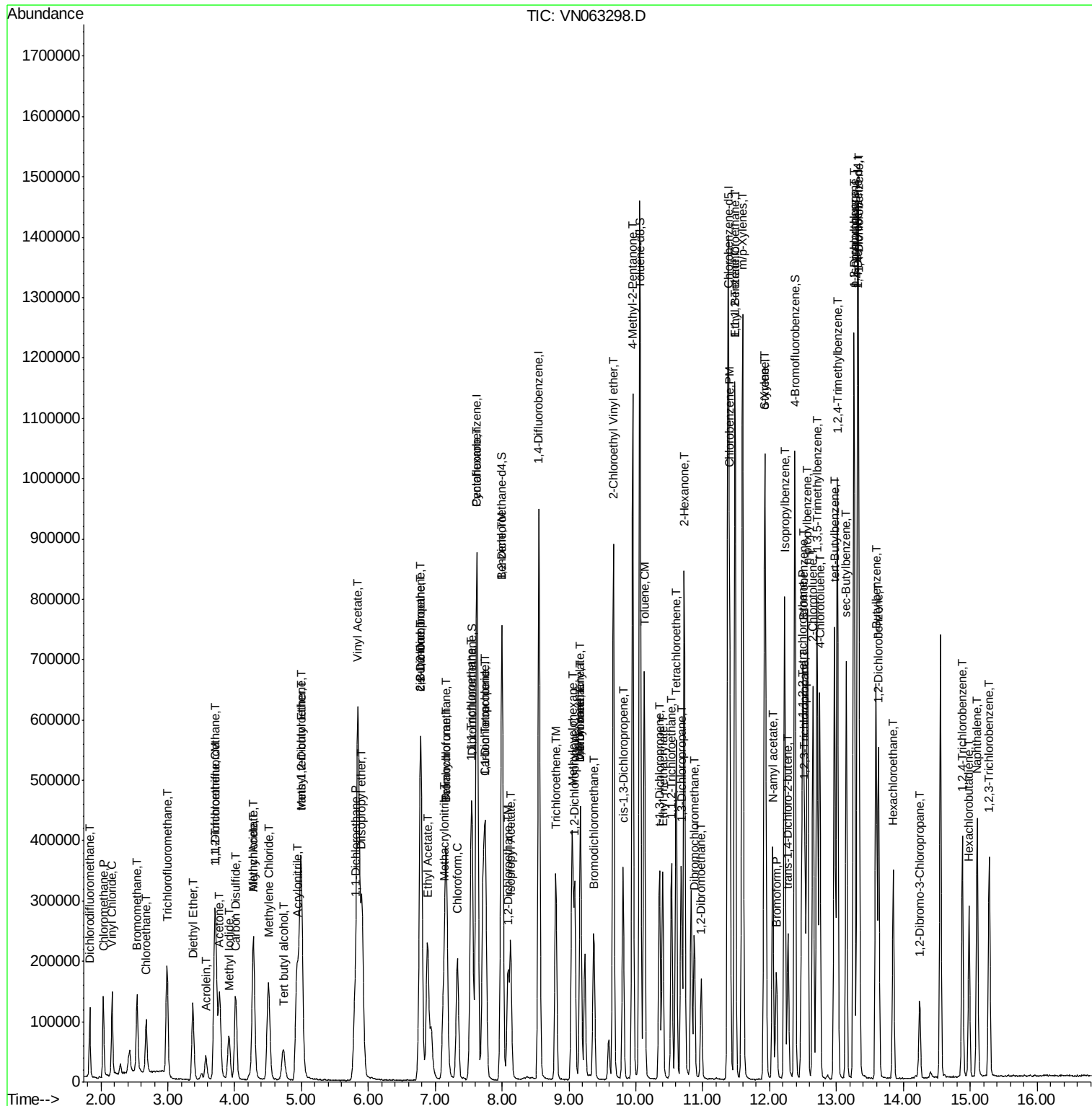
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	114893	17.613	ug/l	99
94) Hexachlorobutadiene	14.98	225	44328	18.040	ug/l	95
95) Naphthalene	15.11	128	362786	18.165	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	112497	18.689	ug/l	98

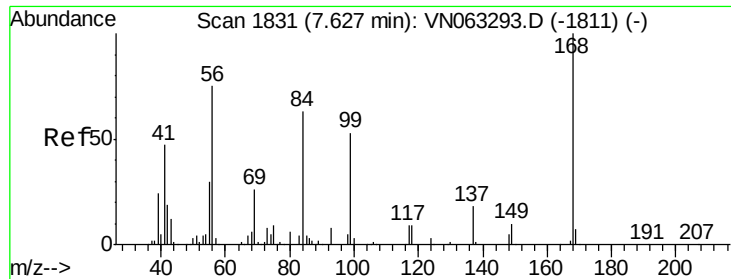
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091020\
 Data File : VN063298.D
 Acq On : 10 Sep 2020 16:59
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 Misc : 5.00µL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
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Quant Time: Sep 11 06:08:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091020W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 11 06:02:56 2020
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VN063298.D

Acq: 10 Sep 2020 16:59

Instrument :

MSVOA_N

ClientSampleId :

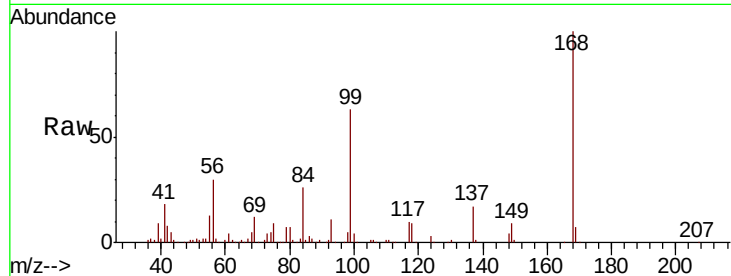
VN0910MBS01

Tot Ion:168 Resp: 455308

Ion Ratio Lower Upper

168 100

99 62.4 51.1 76.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

200000

150000

100000

50000

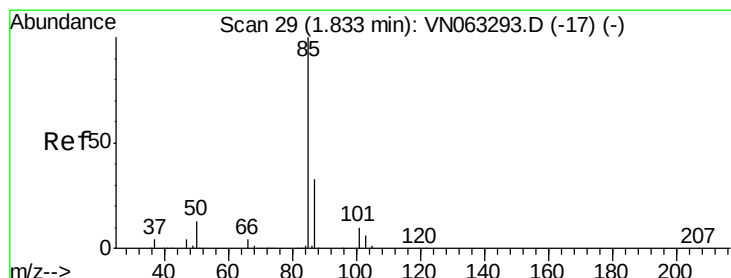
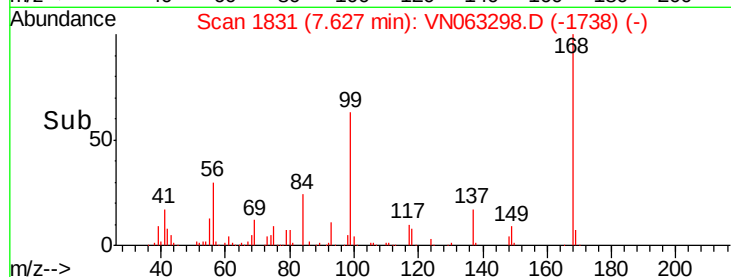
0

7.50

7.60

7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 18.314 ug/l

RT: 1.83 min Scan# 29

Delta R.T. -0.00 min

Lab File: VN063298.D

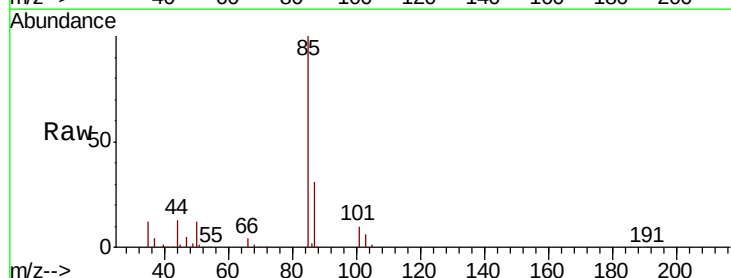
Acq: 10 Sep 2020 16:59

Tgt Ion: 85 Resp: 80085

Ion Ratio Lower Upper

85 100

87 31.1 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

60000

40000

20000

0

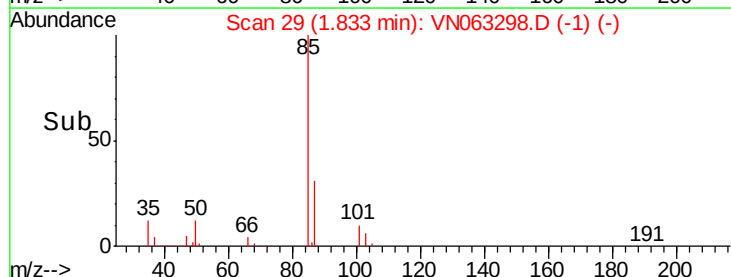
1.75

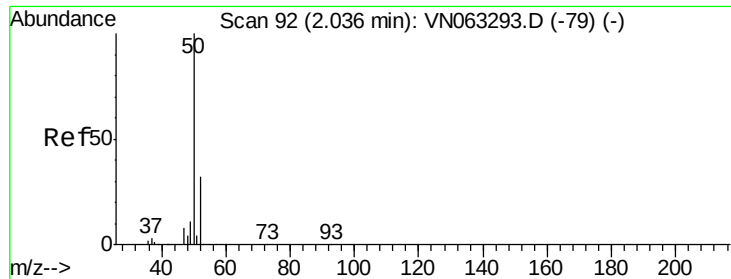
1.80

1.85

1.90

Time-->





#3

Chloromethane

Concen: 19.483 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063298.D

Acq: 10 Sep 2020 16:59

Instrument :

MSVOA_N

ClientSampleId :

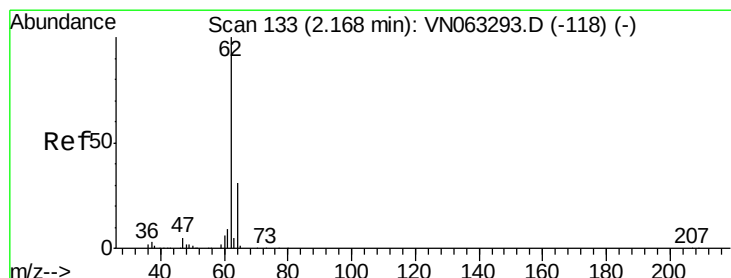
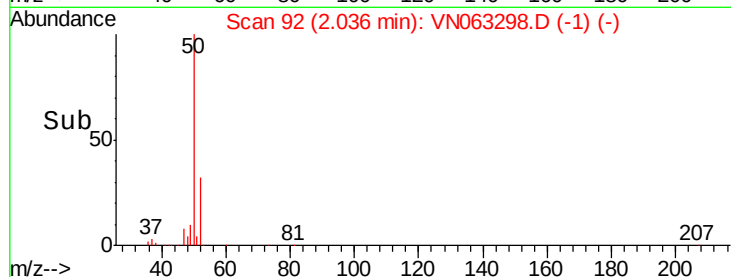
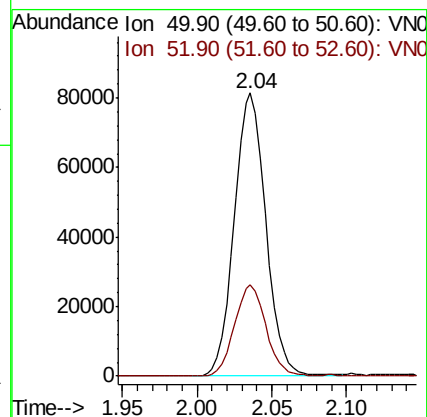
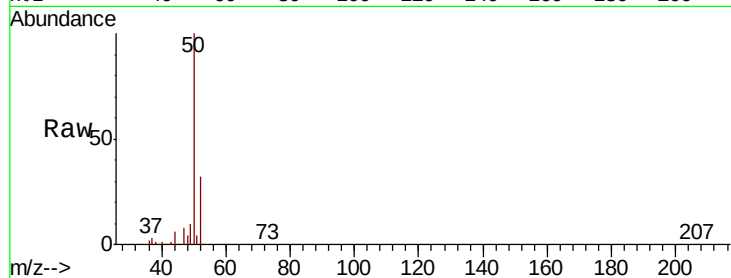
VN0910MBS01

Tot Ion: 50 Resp: 120082

Ion Ratio Lower Upper

50 100

52 32.2 25.4 38.2



#4

Vinyl Chloride

Concen: 19.299 ug/l

RT: 2.17 min Scan# 133

Delta R.T. -0.00 min

Lab File: VN063298.D

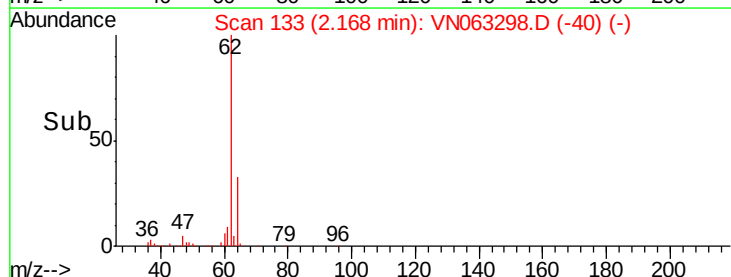
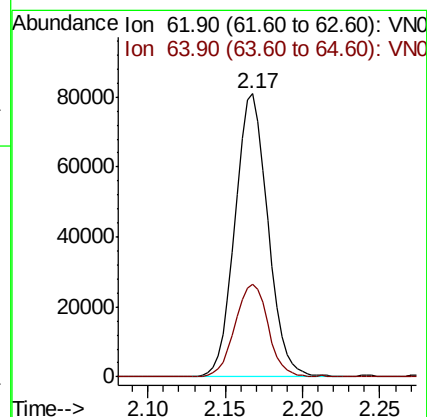
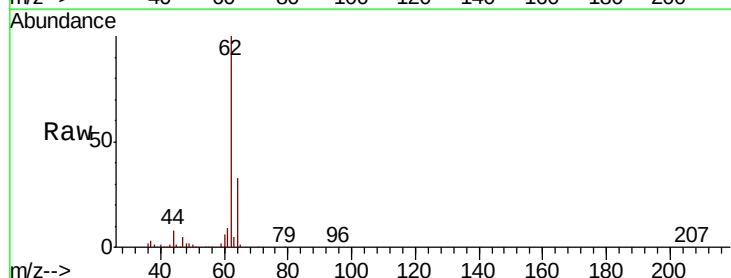
Acq: 10 Sep 2020 16:59

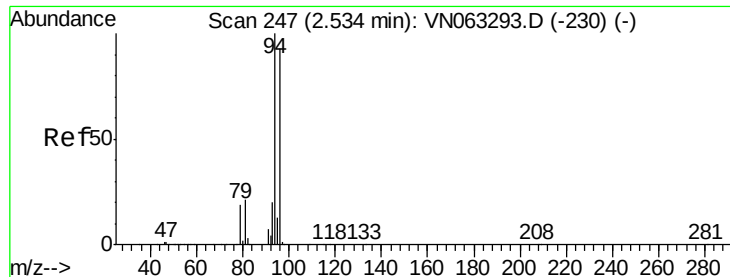
Tgt Ion: 62 Resp: 119392

Ion Ratio Lower Upper

62 100

64 32.5 24.6 37.0





#5

Bromomethane

Concen: 19.403 ug/l

RT: 2.54 min Scan# 249

Delta R.T. 0.01 min

Lab File: VN063298.D

Acq: 10 Sep 2020 16:59

Instrument :

MSVOA_N

ClientSampleId :

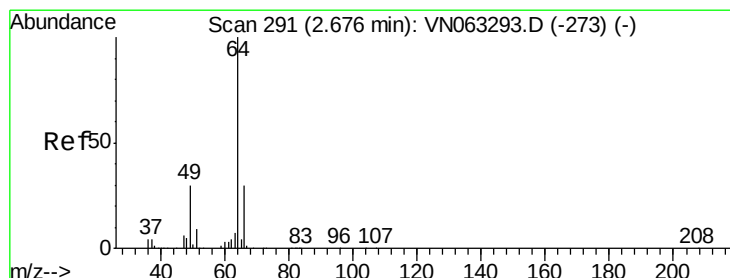
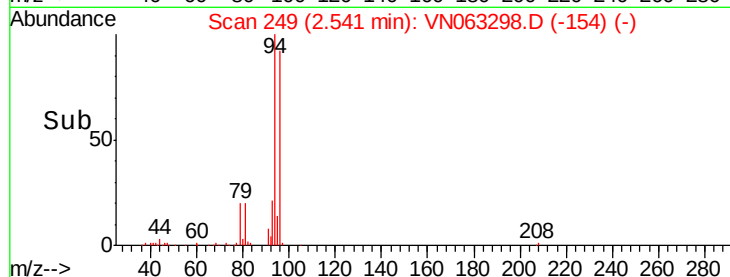
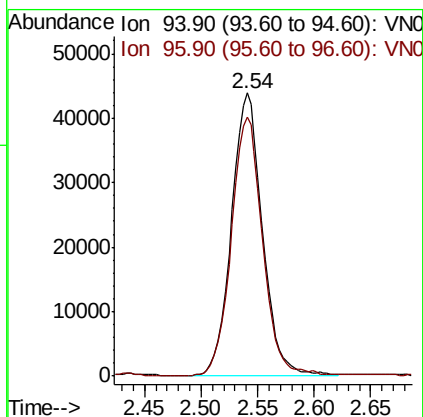
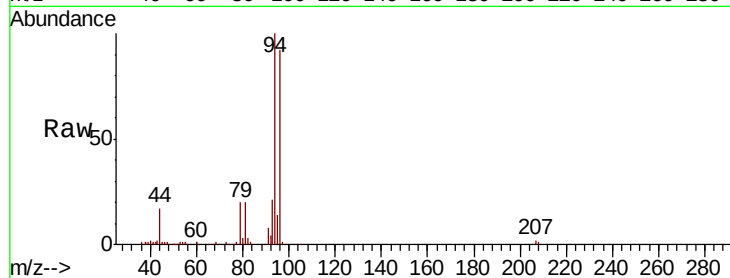
VN0910MBS01

Tot Ion: 94 Resp: 83750

Ion Ratio Lower Upper

94 100

96 91.3 74.3 111.5



#6

Chloroethane

Concen: 19.024 ug/l

RT: 2.68 min Scan# 292

Delta R.T. 0.00 min

Lab File: VN063298.D

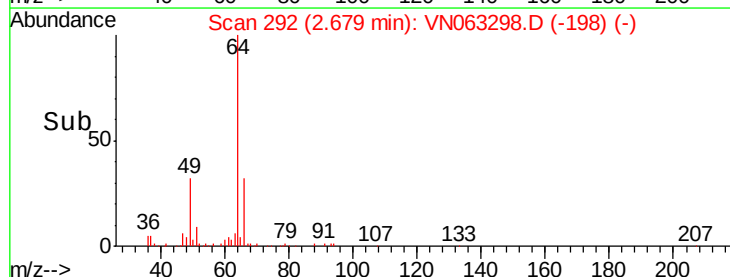
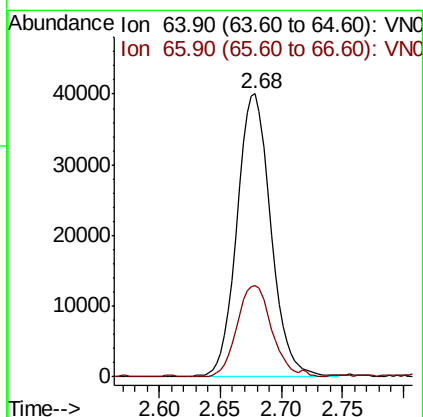
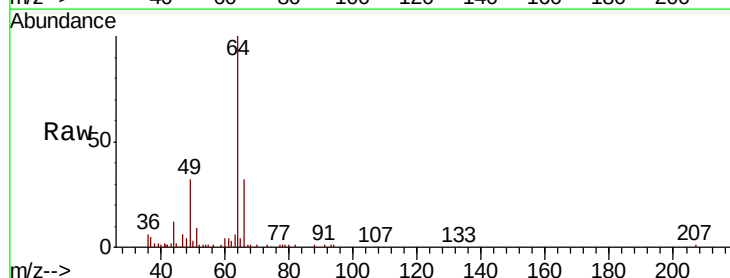
Acq: 10 Sep 2020 16:59

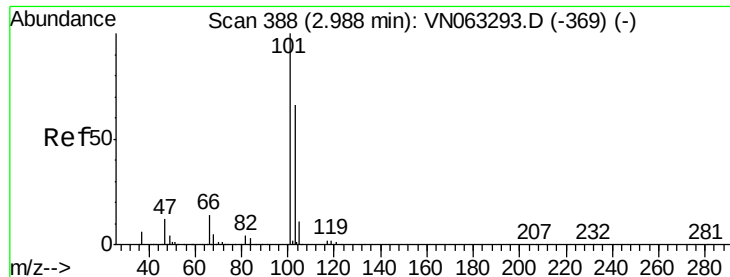
Tgt Ion: 64 Resp: 76989

Ion Ratio Lower Upper

64 100

66 32.4 23.8 35.6



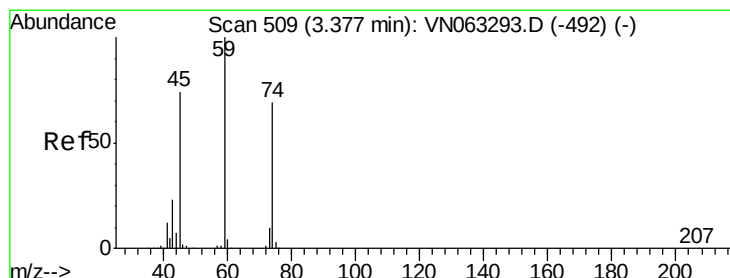
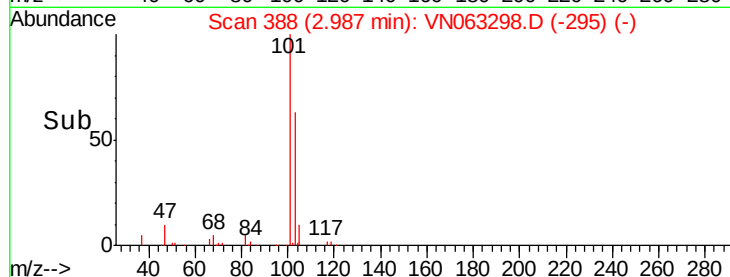
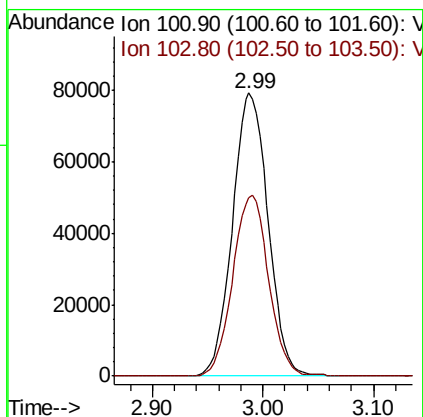
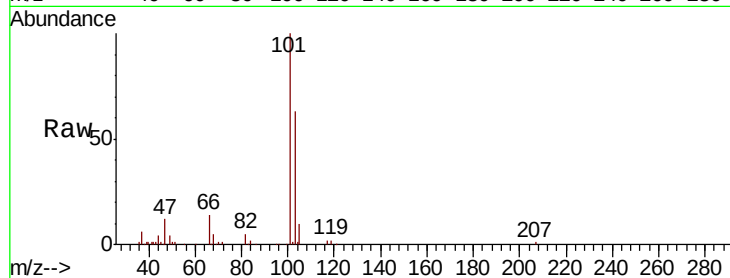


#7

Trichlorofluoromethane
 Concen: 18.495 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. -0.00 min
 Lab File: VN063298.D
 Acq: 10 Sep 2020 16:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0910MBS01

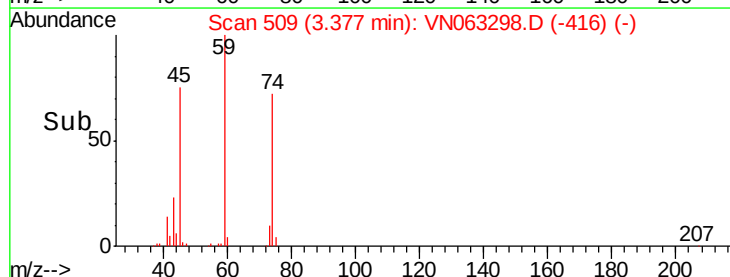
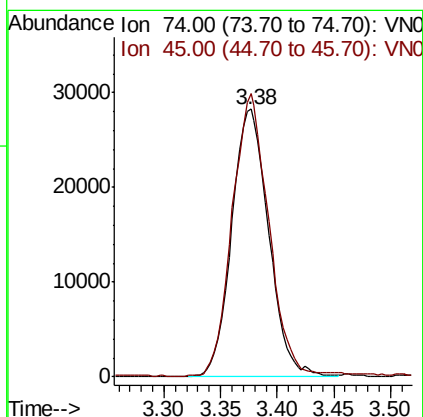
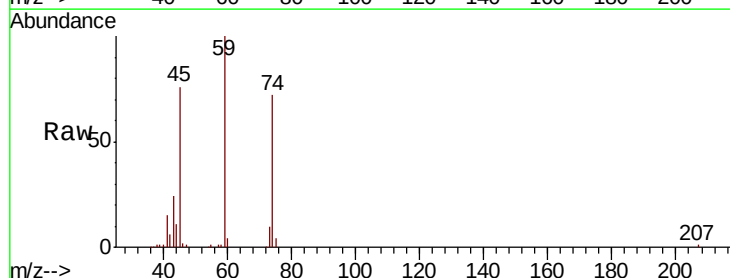
Tot Ion:101 Resp: 176943
 Ion Ratio Lower Upper
 101 100
 103 63.1 52.4 78.6

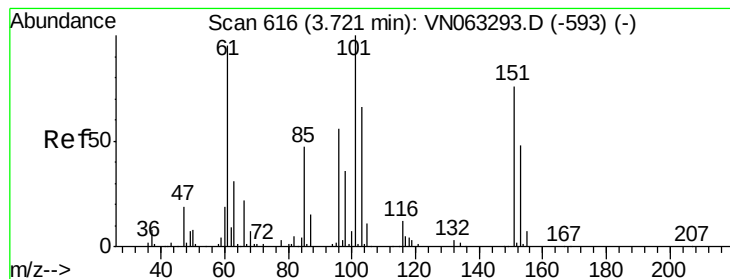


#8

Diethyl Ether
 Concen: 18.882 ug/l
 RT: 3.38 min Scan# 509
 Delta R.T. -0.00 min
 Lab File: VN063298.D
 Acq: 10 Sep 2020 16:59

Tgt Ion: 74 Resp: 64412
 Ion Ratio Lower Upper
 74 100
 45 104.6 52.7 158.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.146 ug/l

RT: 3.72 min Scan# 616

Delta R.T. -0.00 min

Lab File: VN063298.D

Acq: 10 Sep 2020 16:59

Instrument :

MSVOA_N

ClientSampleId :

VN0910MBS01

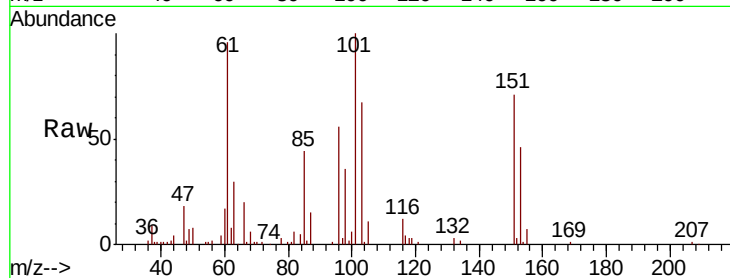
Tot Ion:101 Resp: 95698

Ion Ratio Lower Upper

101 100

85 46.0 36.9 55.3

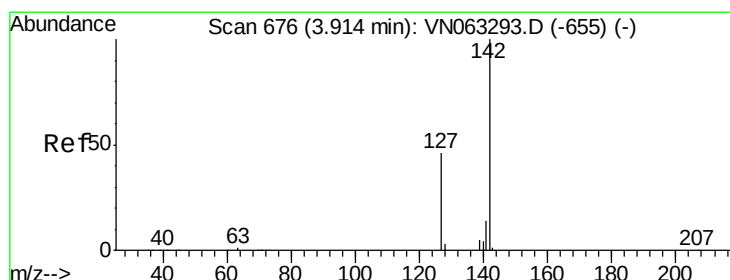
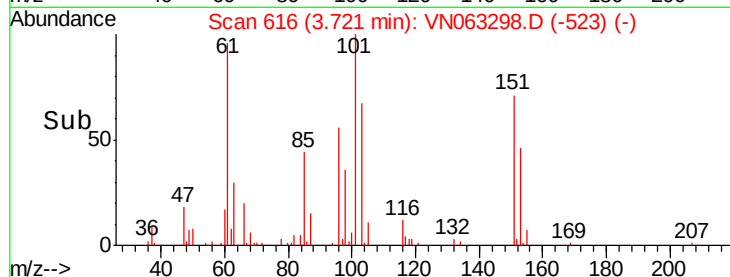
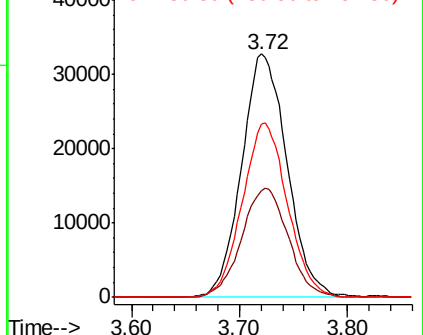
151 71.1 57.8 86.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.686 ug/l

RT: 3.91 min Scan# 676

Delta R.T. -0.00 min

Lab File: VN063298.D

Acq: 10 Sep 2020 16:59

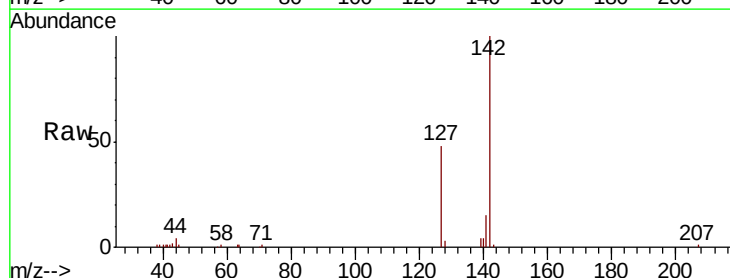
Tgt Ion:142 Resp: 114592

Ion Ratio Lower Upper

142 100

127 46.0 37.1 55.7

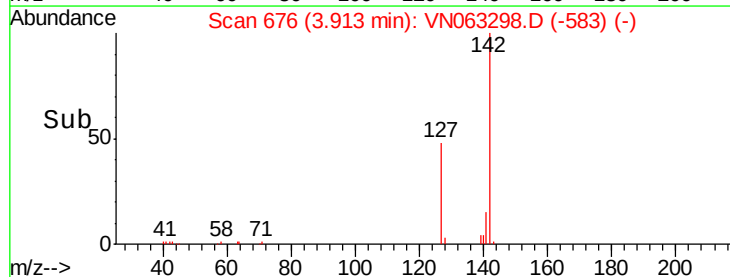
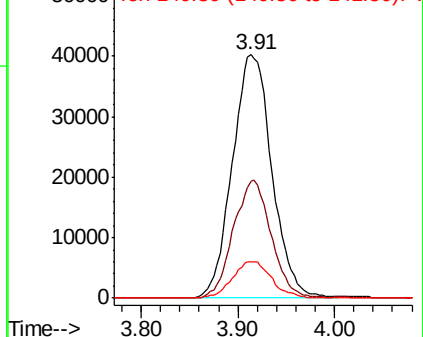
141 14.8 11.6 17.4

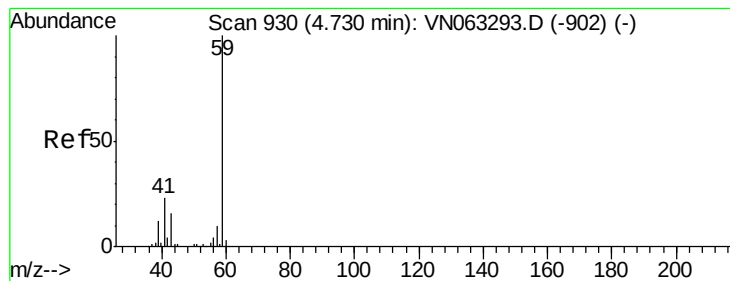


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



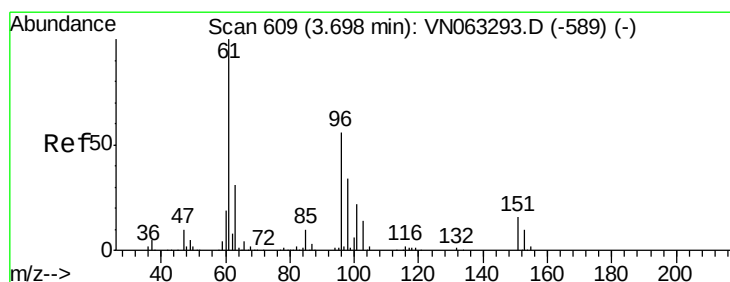
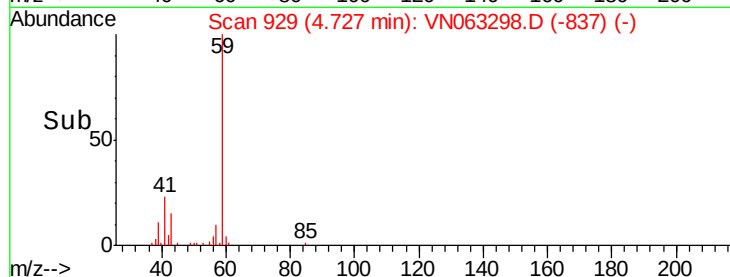
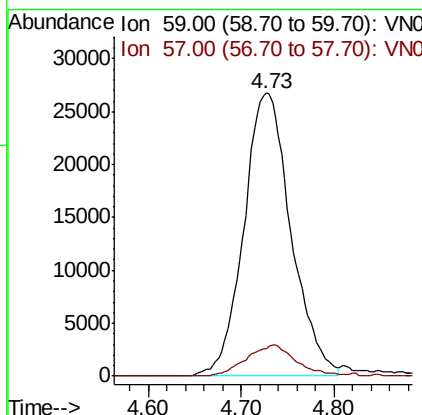
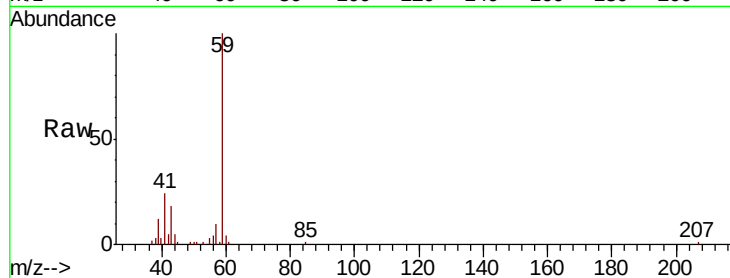


#11

Tert butyl alcohol
 Concen: 99.933 ug/l
 RT: 4.73 min Scan# 929
 Delta R.T. -0.00 min
 Lab File: VN063298.D
 Acq: 10 Sep 2020 16:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0910MBS01

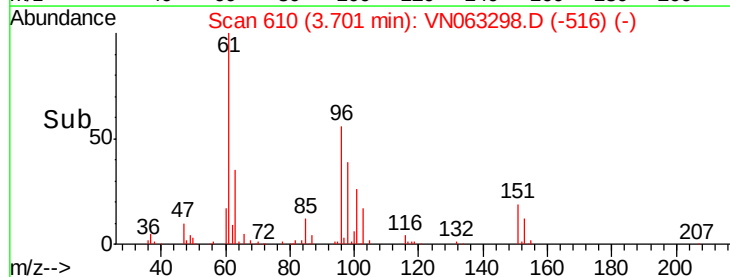
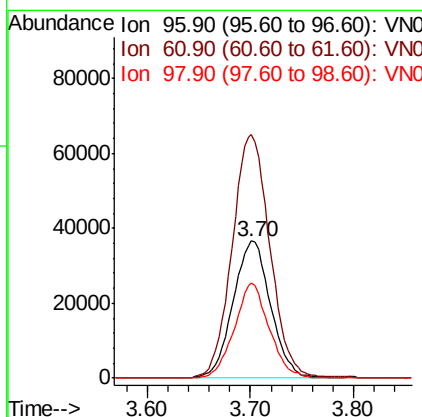
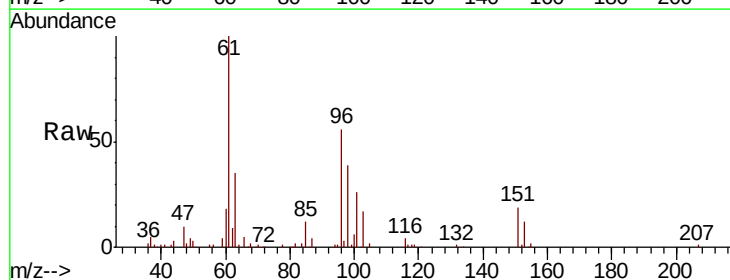
Tot Ion: 59 Resp: 94516
 Ion Ratio Lower Upper
 59 100
 57 11.7 8.3 12.5

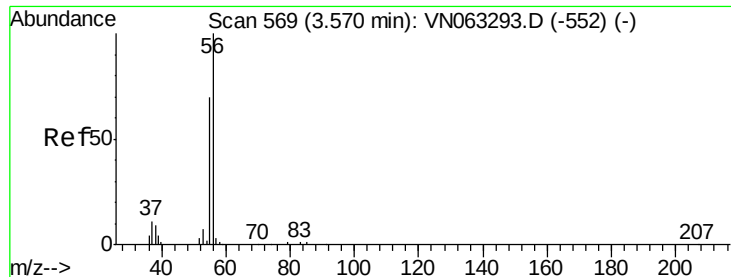


#12

1,1-Dichloroethene
 Concen: 18.609 ug/l
 RT: 3.70 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: VN063298.D
 Acq: 10 Sep 2020 16:59

Tgt Ion: 96 Resp: 92848
 Ion Ratio Lower Upper
 96 100
 61 178.0 142.1 213.1
 98 69.8 48.8 73.2





#13

Acrolein

Concen: 110.230 ug/l

RT: 3.57 min Scan# 569

Delta R.T. 0.00 min

Lab File: VN063298.D

Acq: 10 Sep 2020 16:59

Instrument :

MSVOA_N

ClientSampleId :

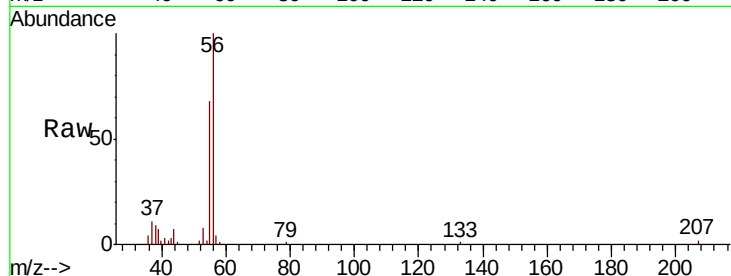
VN0910MBS01

Tot Ion: 56 Resp: 46081

Ion Ratio Lower Upper

56 100

55 72.6 57.2 85.8



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.57

20000

15000

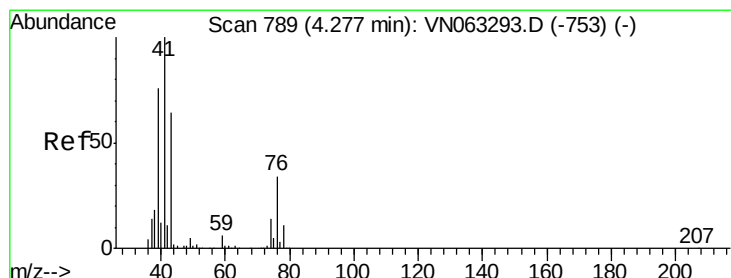
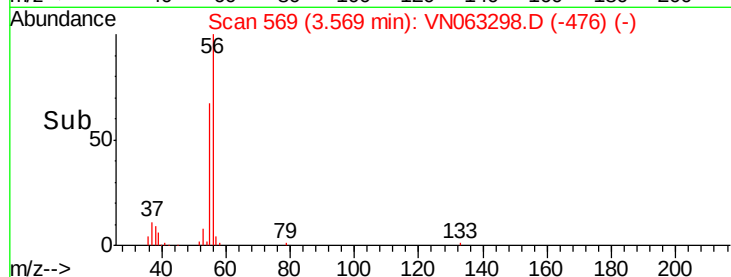
10000

5000

0

3.50 3.55 3.60 3.65

Time-->



#14

Allyl chloride

Concen: 18.317 ug/l

RT: 4.28 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN063298.D

Acq: 10 Sep 2020 16:59

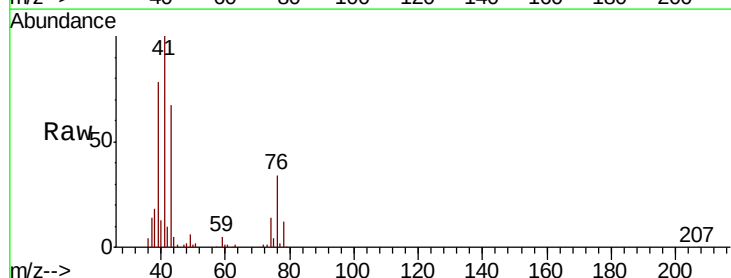
Tgt Ion: 41 Resp: 187606

Ion Ratio Lower Upper

41 100

39 73.4 57.4 86.2

76 31.2 25.7 38.5



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

80000

60000

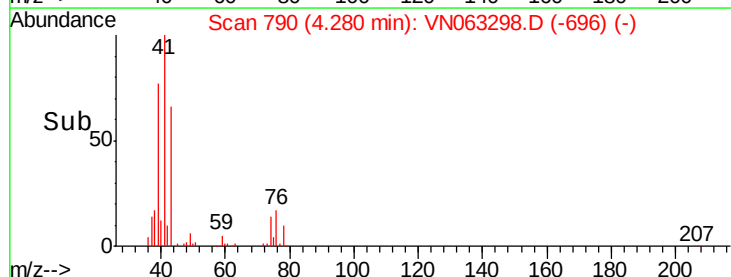
40000

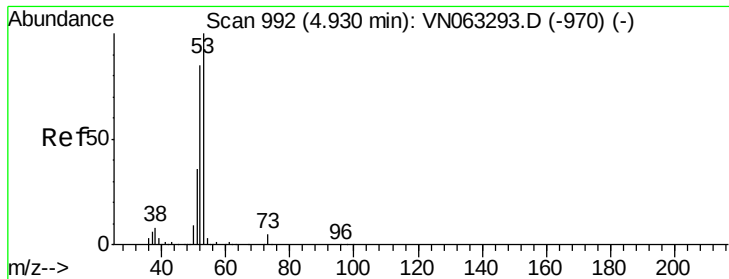
20000

0

4.10 4.20 4.30 4.40

Time-->





#15

Acrylonitrile

Concen: 95.950 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN063298.D

Acq: 10 Sep 2020 16:59

Instrument :

MSVOA_N

ClientSampleId :

VN0910MBS01

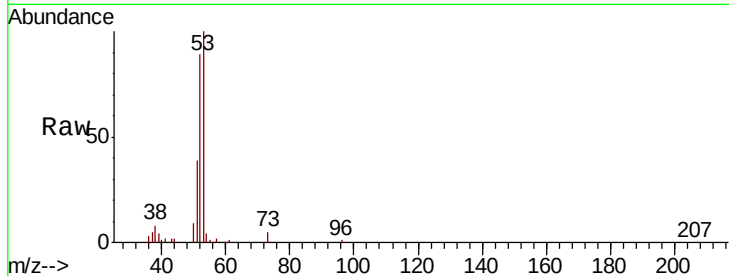
Tot Ion: 53 Resp: 248121

Ion Ratio Lower Upper

53 100

52 85.1 66.5 99.7

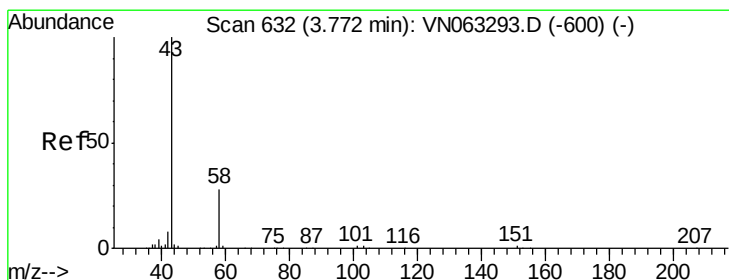
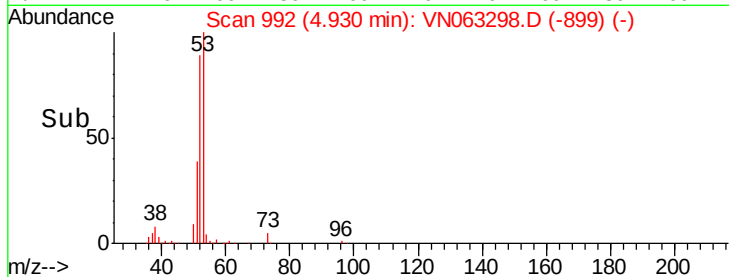
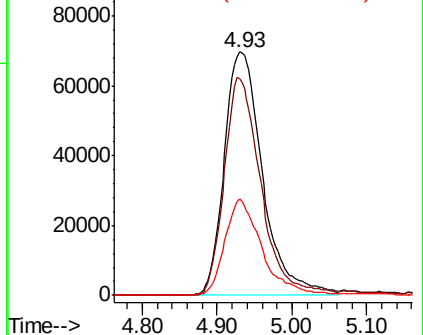
51 38.3 29.8 44.6



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 93.005 ug/l

RT: 3.78 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN063298.D

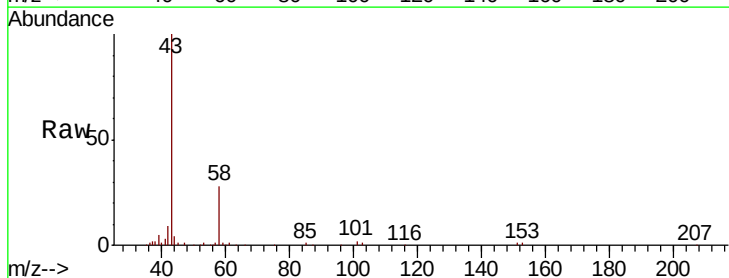
Acq: 10 Sep 2020 16:59

Tgt Ion: 43 Resp: 229735

Ion Ratio Lower Upper

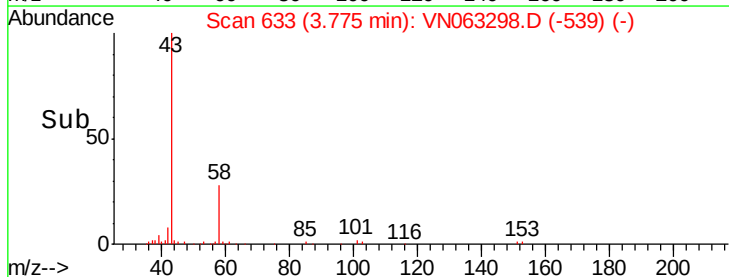
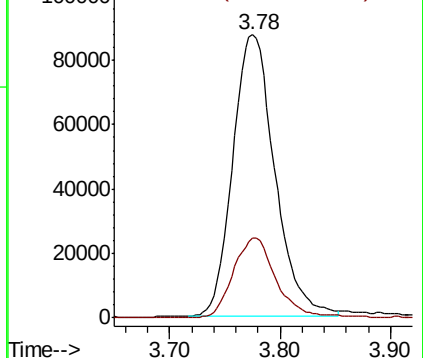
43 100

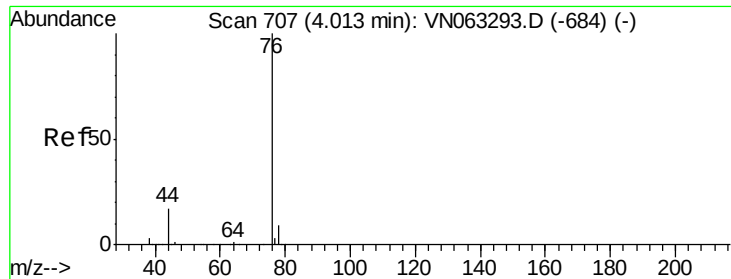
58 28.4 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

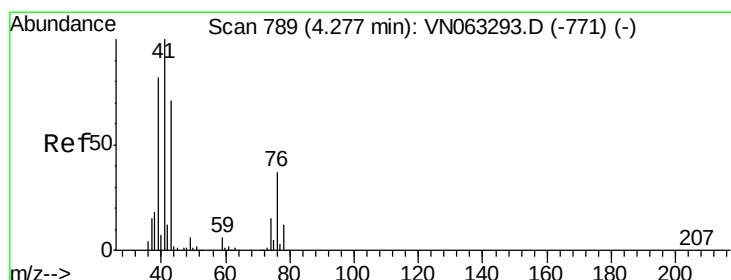
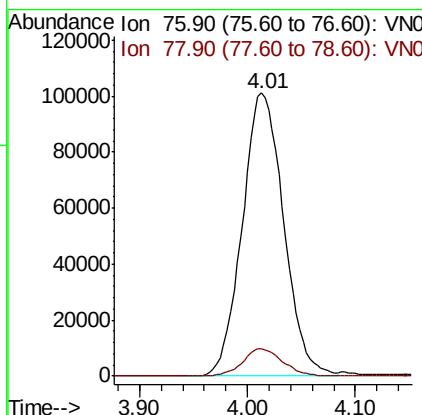
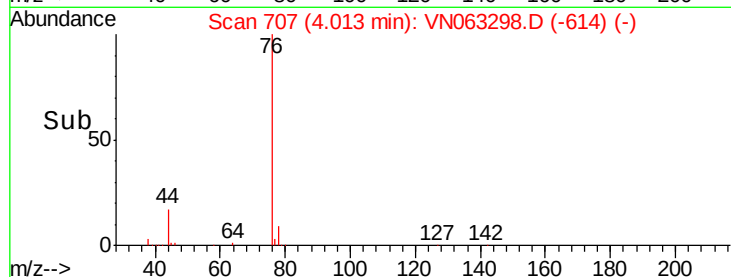
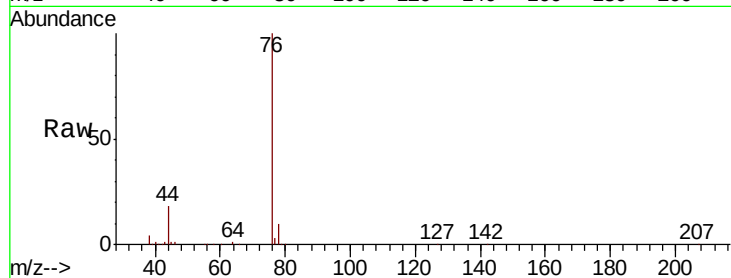




#17
Carbon Disulfide
Concen: 18.687 ug/l
RT: 4.01 min Scan# 707
Delta R.T. 0.00 min
Lab File: VN063298.D
Acq: 10 Sep 2020 16:59

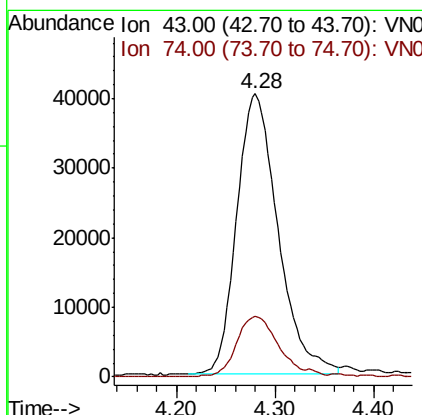
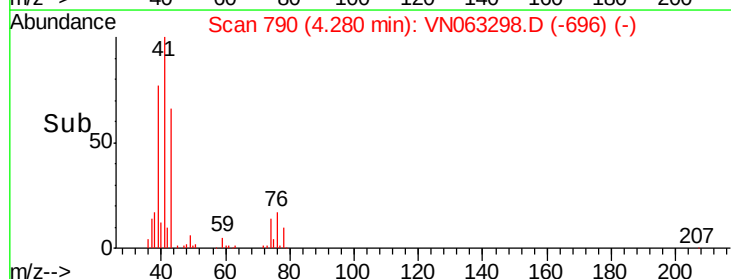
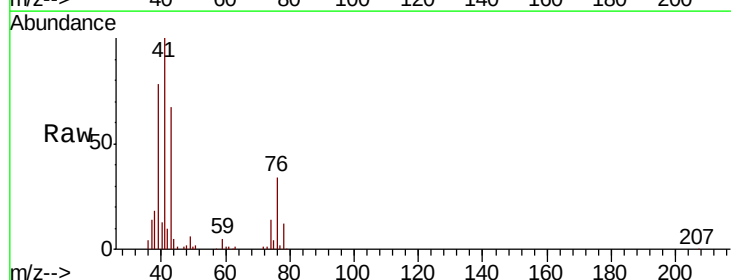
Instrument :
MSVOA_N
ClientSampleId :
VN0910MBS01

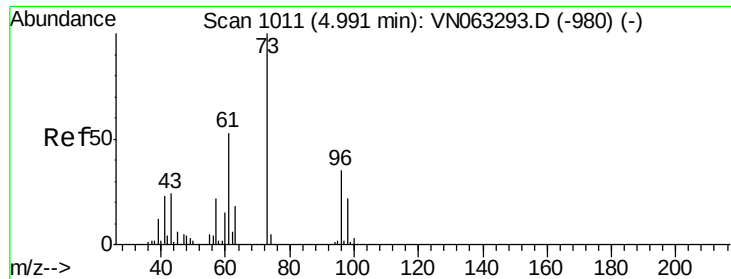
Tot Ion: 76 Resp: 270144
Ion Ratio Lower Upper
76 100
78 9.7 7.2 10.8



#18
Methyl Acetate
Concen: 18.902 ug/l
RT: 4.28 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN063298.D
Acq: 10 Sep 2020 16:59

Tgt Ion: 43 Resp: 117370
Ion Ratio Lower Upper
43 100
74 21.3 17.8 26.6

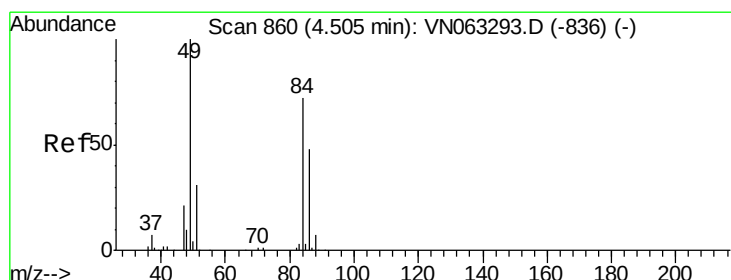
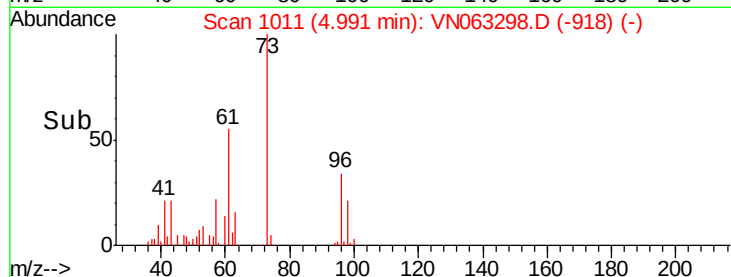
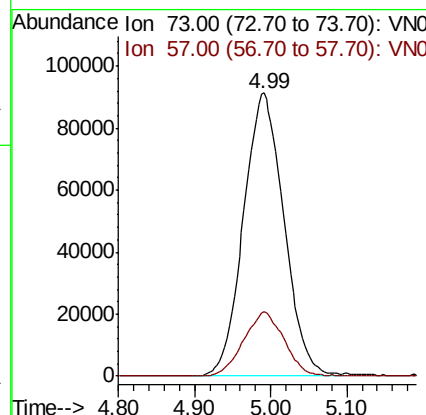
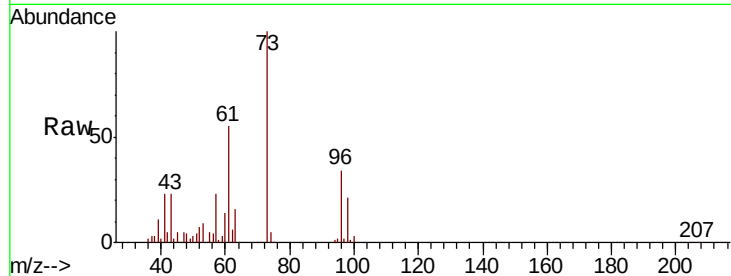




#19
Methyl tert-butyl Ether
Concen: 18.961 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VN063298.D
Acq: 10 Sep 2020 16:59

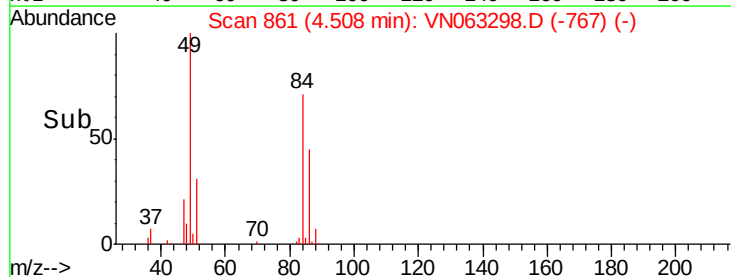
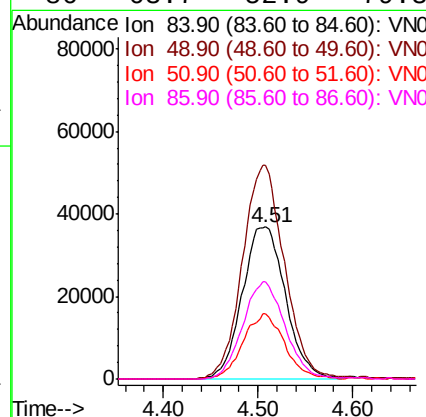
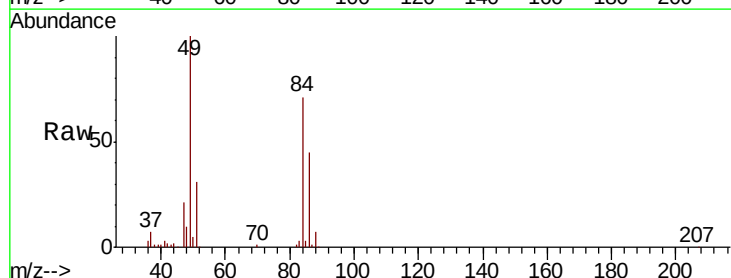
Instrument :
MSVOA_N
ClientSampled :
VN0910MBS01

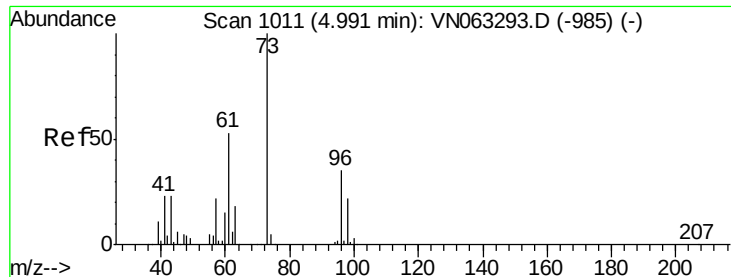
Tot Ion: 73 Resp: 338053
Ion Ratio Lower Upper
73 100
57 22.7 17.5 26.3



#20
Methylene Chloride
Concen: 20.043 ug/l
RT: 4.51 min Scan# 861
Delta R.T. 0.00 min
Lab File: VN063298.D
Acq: 10 Sep 2020 16:59

Tgt Ion: 84 Resp: 117008
Ion Ratio Lower Upper
84 100
49 140.3 111.1 166.7
51 43.1 34.3 51.5
86 63.7 52.9 79.3





#21

trans-1,2-Dichloroethene

Concen: 18.519 ug/l

RT: 5.00 min Scan# 1013

Delta R.T. 0.01 min

Lab File: VN063298.D

Acq: 10 Sep 2020 16:59

Instrument :

MSVOA_N

ClientSampleId :

VN0910MBS01

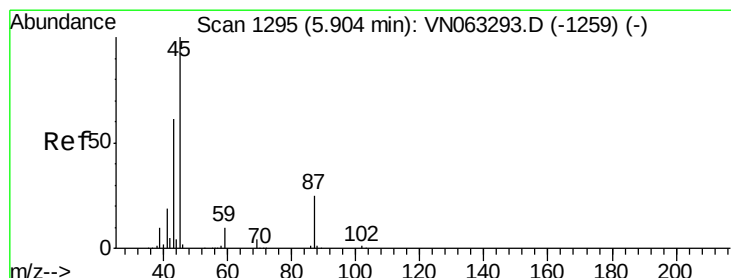
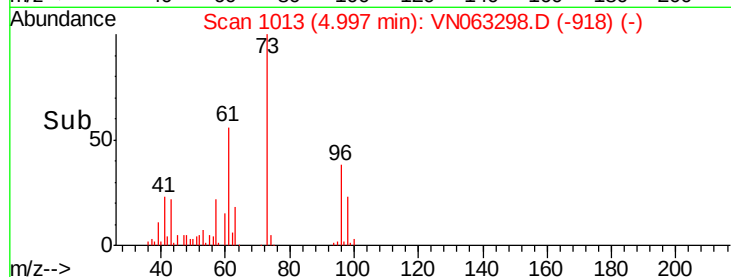
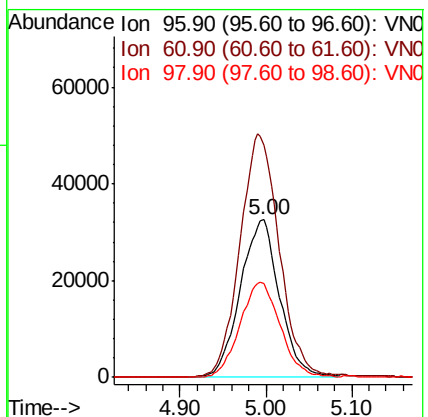
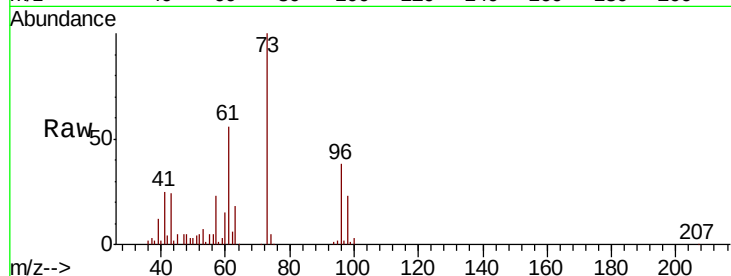
Tot Ion: 96 Resp: 103403

Ion Ratio Lower Upper

96 100

61 147.8 121.8 182.8

98 59.5 51.2 76.8



#22

Diisopropyl ether

Concen: 18.924 ug/l

RT: 5.90 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VN063298.D

Acq: 10 Sep 2020 16:59

Tgt Ion: 45 Resp: 381446

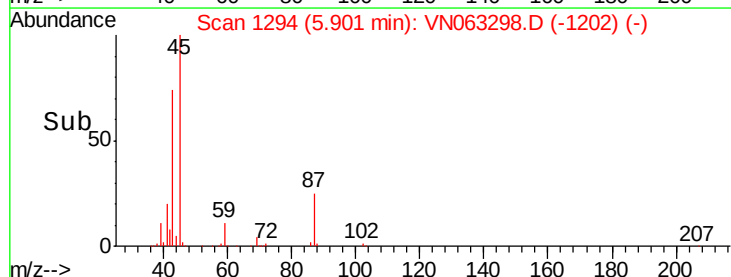
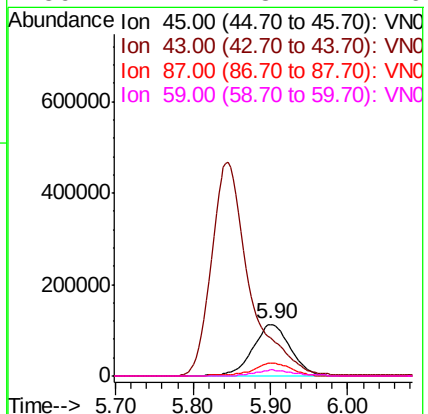
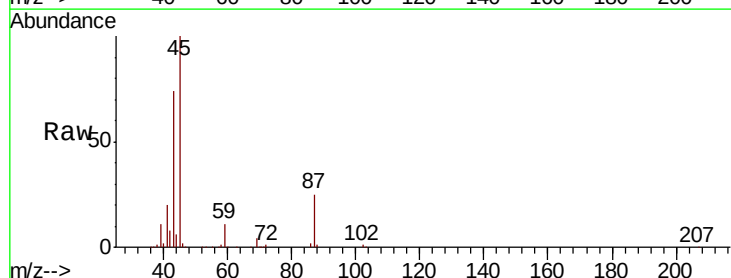
Ion Ratio Lower Upper

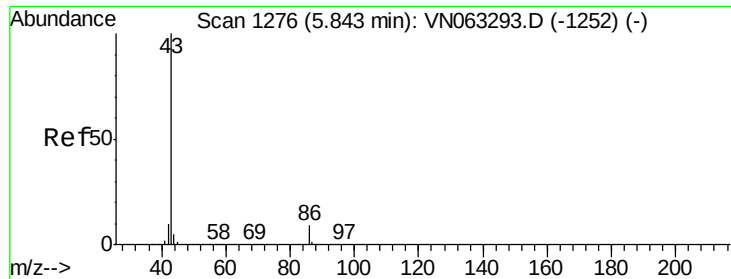
45 100

43 71.3 50.3 75.5

87 24.7 20.7 31.1

59 11.1 8.4 12.6

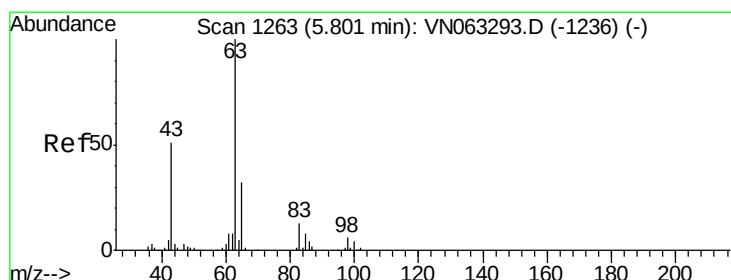
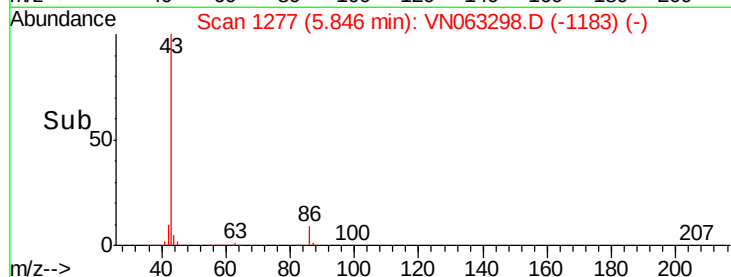
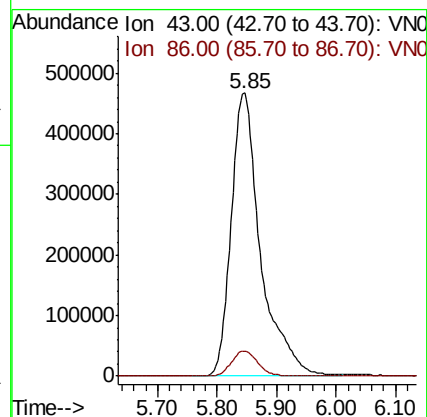
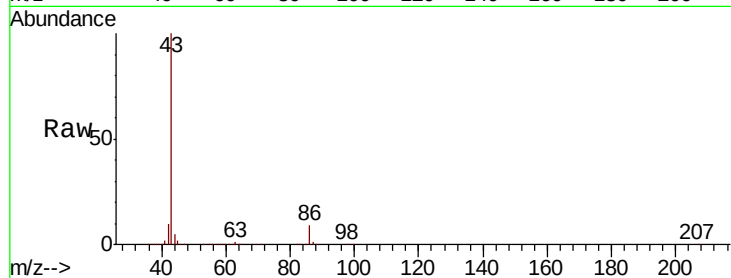




#23
 Vinyl Acetate
 Concen: 101.173 ug/l
 RT: 5.85 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VN063298.D
 Acq: 10 Sep 2020 16:59

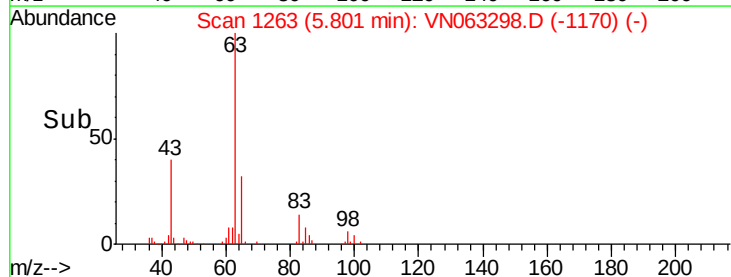
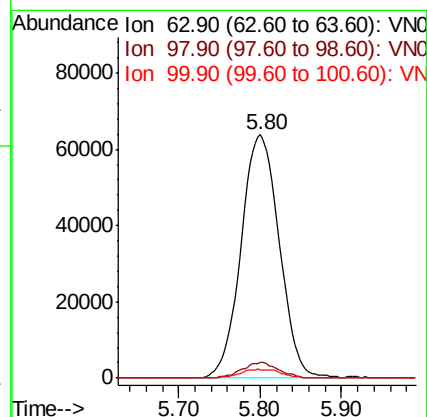
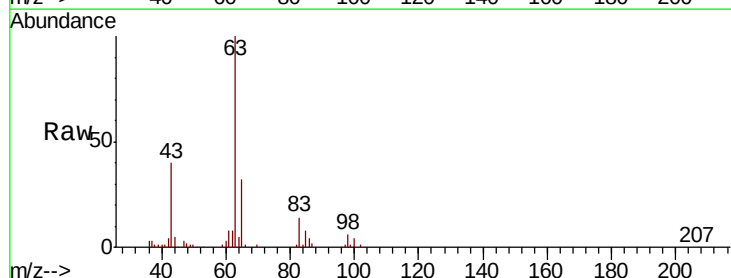
Instrument :
 MSVOA_N
 ClientSampled :
 VN0910MBS01

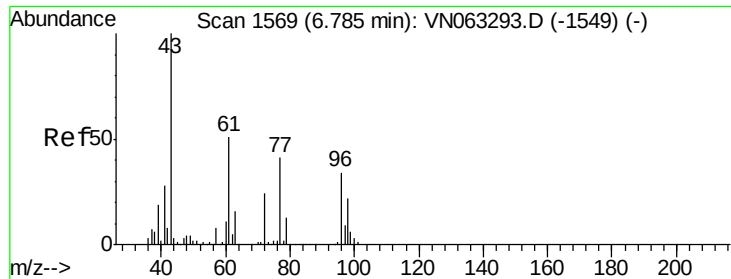
Tot Ion: 43 Resp: 1605189
 Ion Ratio Lower Upper
 43 100
 86 8.8 7.2 10.8



#24
 1,1-Dichloroethane
 Concen: 18.955 ug/l
 RT: 5.80 min Scan# 1263
 Delta R.T. -0.00 min
 Lab File: VN063298.D
 Acq: 10 Sep 2020 16:59

Tgt Ion: 63 Resp: 206908
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.1 9.3
 100 3.5 2.0 6.0





#25

2-Butanone

Concen: 98.121 ug/l

RT: 6.79 min Scan# 1570

Delta R.T. 0.00 min

Lab File: VN063298.D

Acq: 10 Sep 2020 16:59

Instrument :

MSVOA_N

ClientSampled :

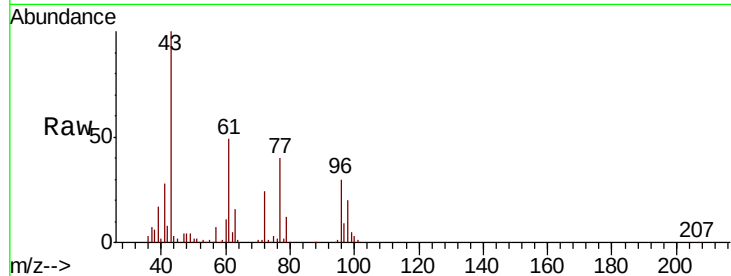
VN0910MBS01

Tot Ion: 43 Resp: 358026

Ion Ratio Lower Upper

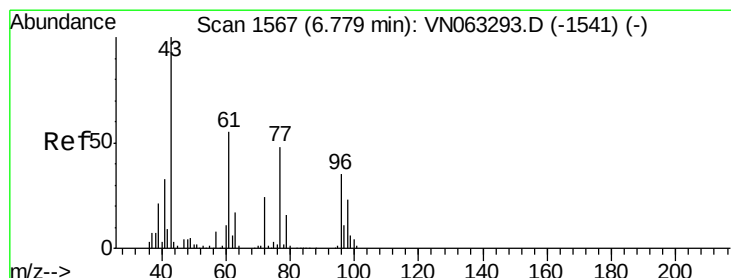
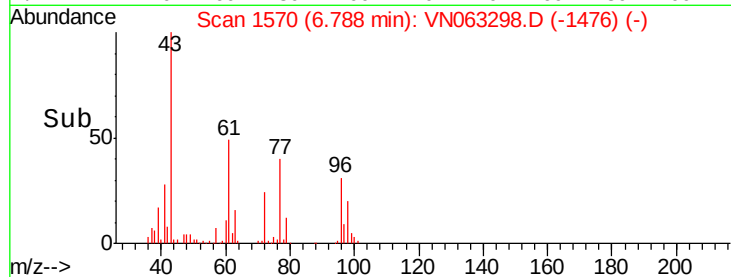
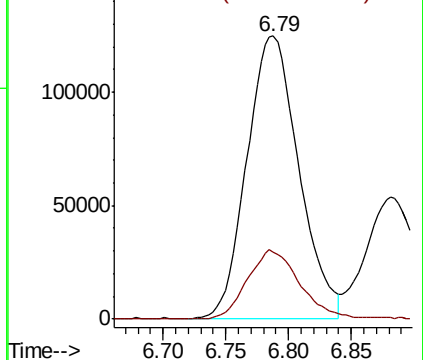
43 100

72 23.9 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 18.612 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VN063298.D

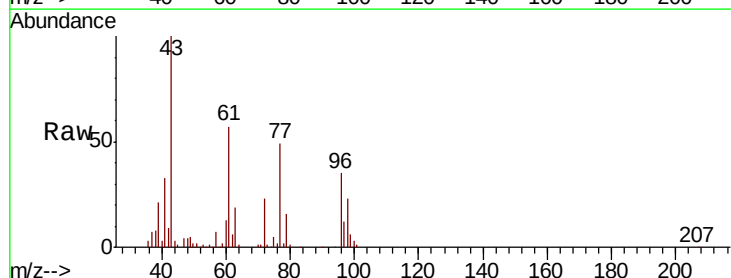
Acq: 10 Sep 2020 16:59

Tgt Ion: 77 Resp: 178067

Ion Ratio Lower Upper

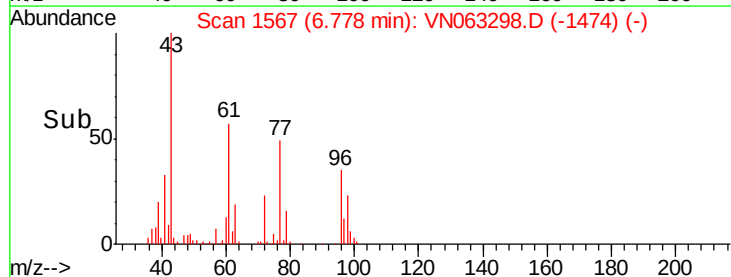
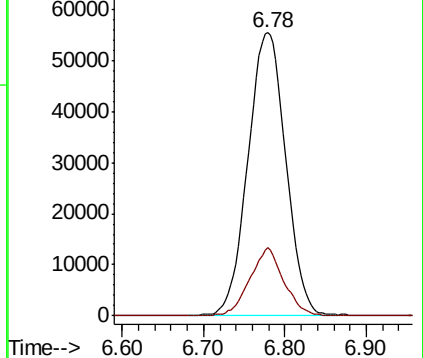
77 100

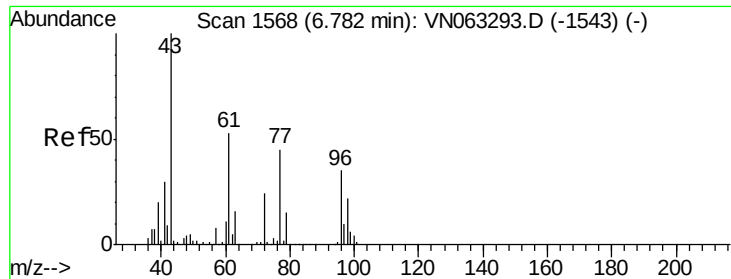
97 21.6 10.9 32.6



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: 18.417 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VN063298.D

Acq: 10 Sep 2020 16:59

Instrument :

MSVOA_N

ClientSampleId :

VN0910MBS01

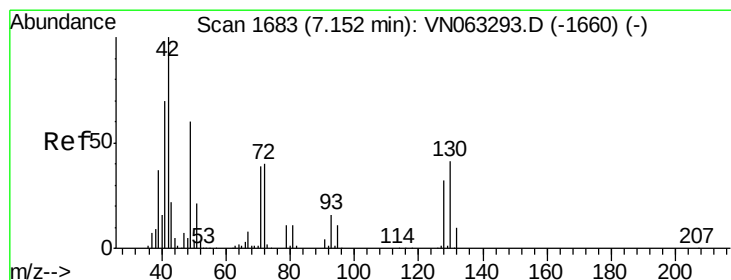
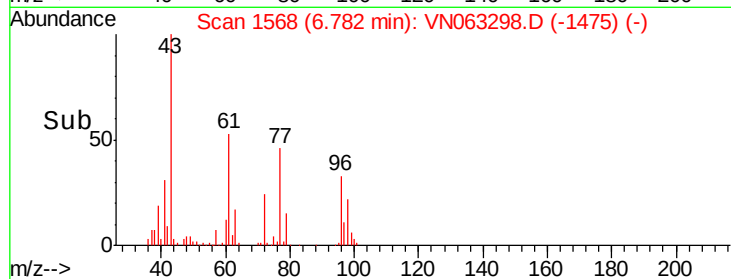
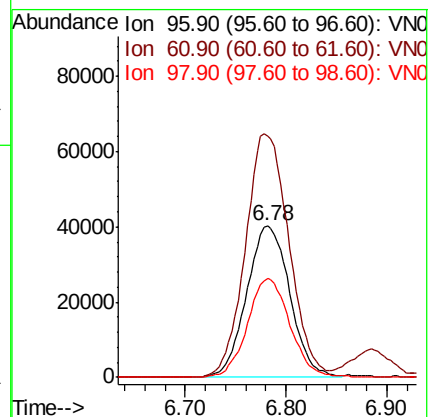
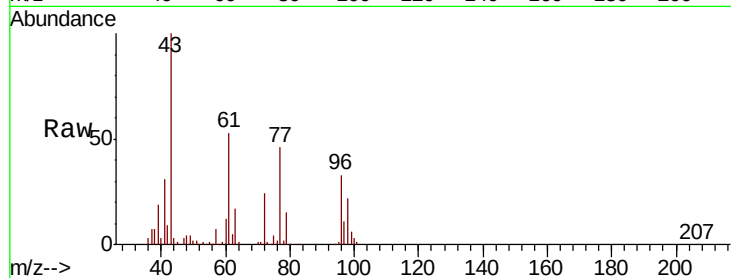
Tot Ion: 96 Resp: 119845

Ion Ratio Lower Upper

96 100

61 161.6 0.0 322.8

98 64.0 0.0 132.2



#28

Bromochloromethane

Concen: 17.770 ug/l

RT: 7.15 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VN063298.D

Acq: 10 Sep 2020 16:59

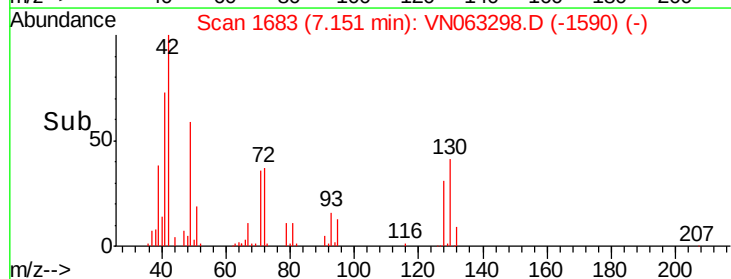
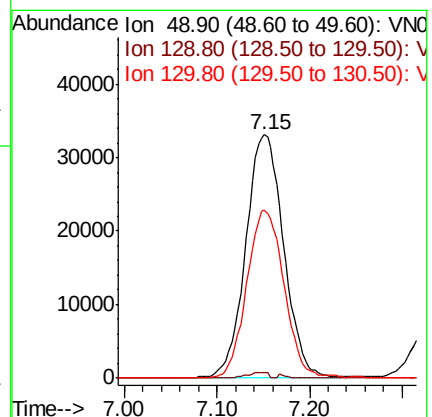
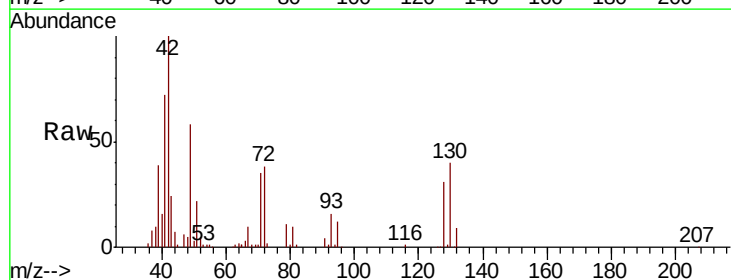
Tgt Ion: 49 Resp: 94060

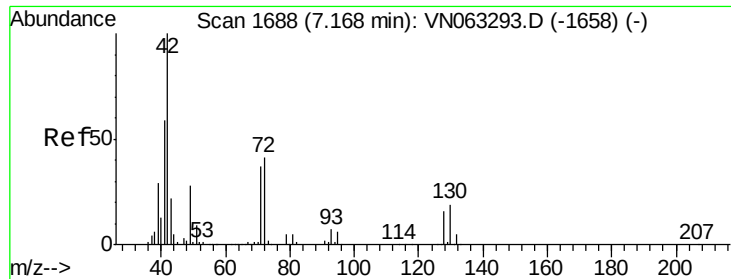
Ion Ratio Lower Upper

49 100

129 1.2 0.0 3.4

130 67.4 53.1 79.7

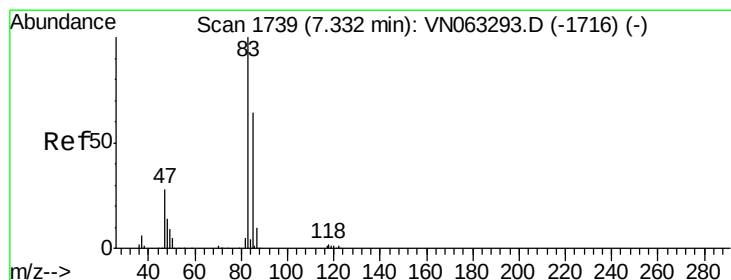
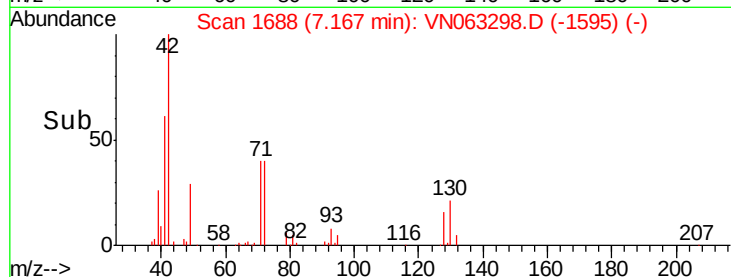
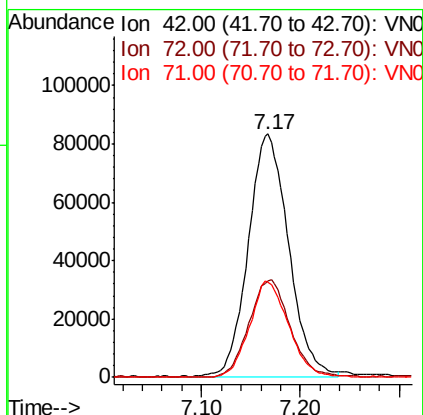
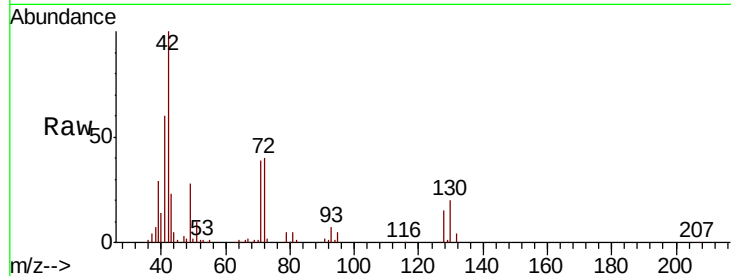




#29
Tetrahydrofuran
Concen: 98.812 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VN063298.D
Acq: 10 Sep 2020 16:59

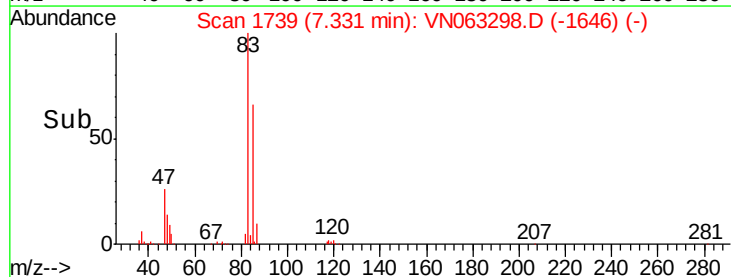
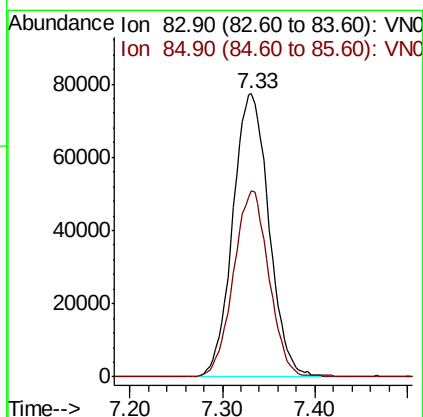
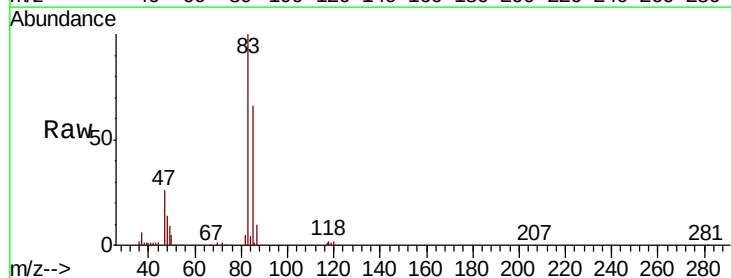
Instrument :
MSVOA_N
ClientSampled :
VN0910MBS01

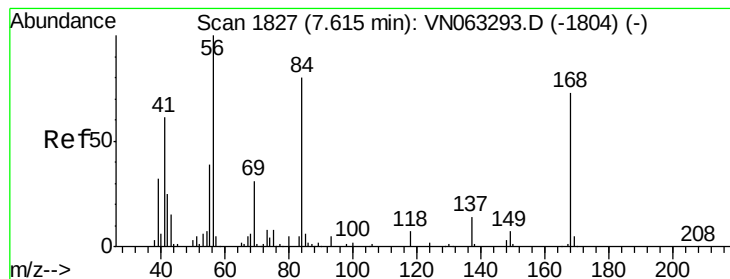
Tot Ion: 42 Resp: 234767
Ion Ratio Lower Upper
42 100
72 40.8 31.4 47.2
71 38.6 30.0 45.0



#30
Chloroform
Concen: 19.128 ug/l
RT: 7.33 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VN063298.D
Acq: 10 Sep 2020 16:59

Tgt Ion: 83 Resp: 209054
Ion Ratio Lower Upper
83 100
85 65.9 51.2 76.8





#31

Cyclohexane

Concen: 18.895 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VN063298.D

Acq: 10 Sep 2020 16:59

Instrument :

MSVOA_N

ClientSampleId :

VN0910MBS01

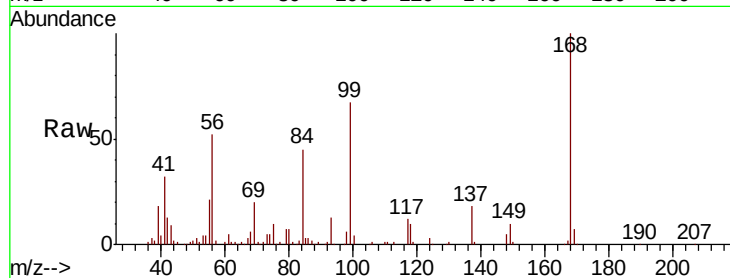
Tot Ion: 56 Resp: 189572

Ion Ratio Lower Upper

56 100

69 38.0 25.1 37.7#

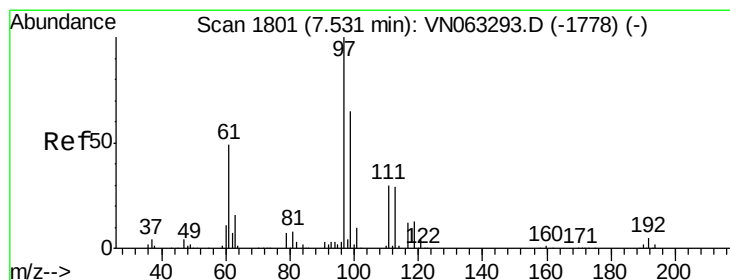
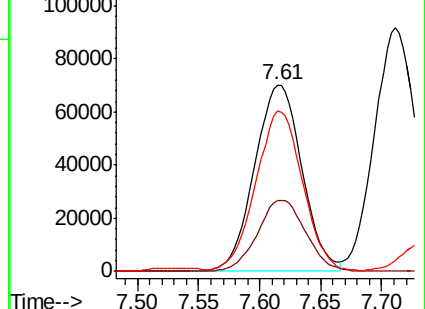
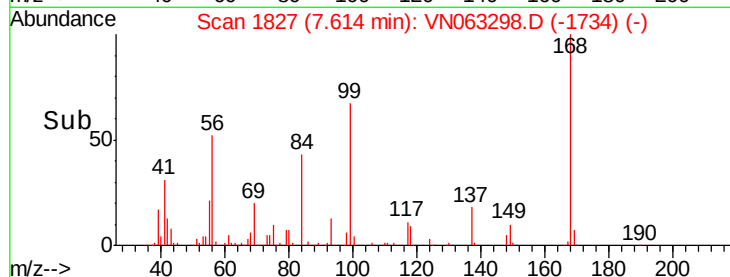
84 84.6 64.2 96.2



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 18.756 ug/l

RT: 7.53 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN063298.D

Acq: 10 Sep 2020 16:59

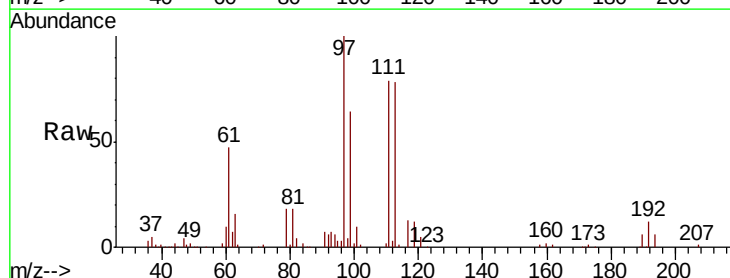
Tgt Ion: 97 Resp: 178693

Ion Ratio Lower Upper

97 100

99 63.7 51.4 77.2

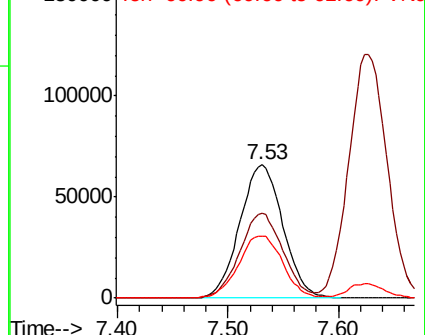
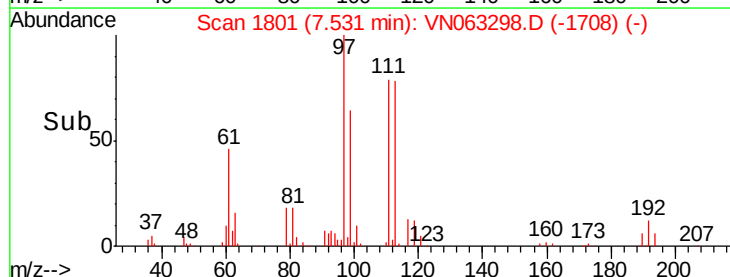
61 47.9 38.9 58.3

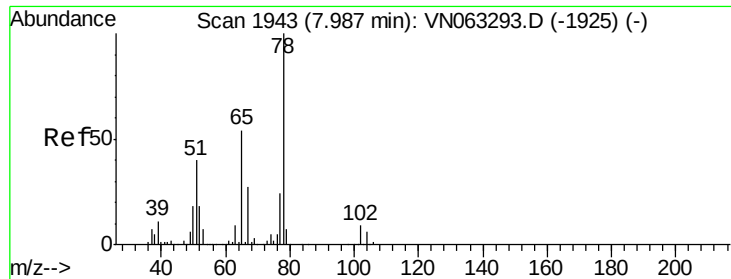


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

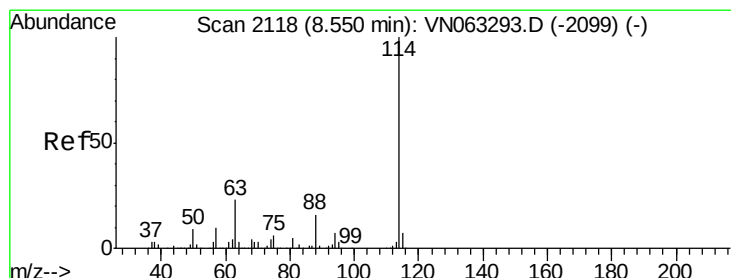
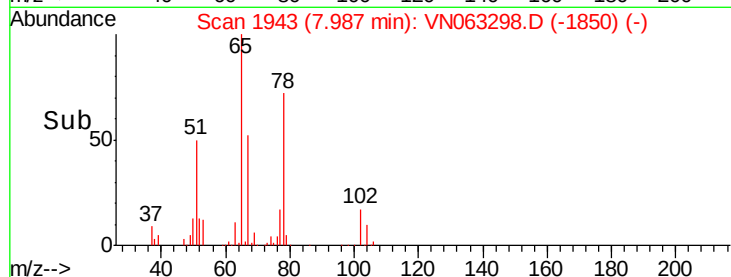
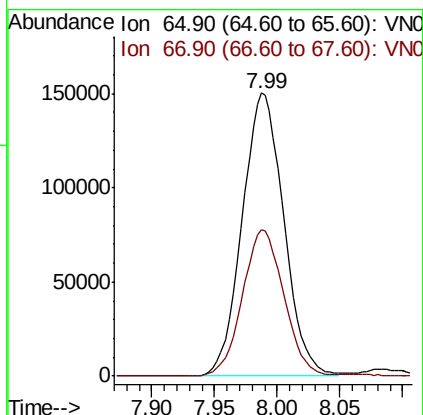
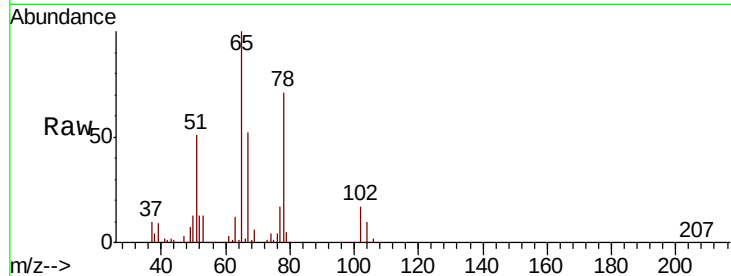




#33
 1,2-Dichloroethane-d4
 Concen: 48.474 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN063298.D
 Acq: 10 Sep 2020 16:59

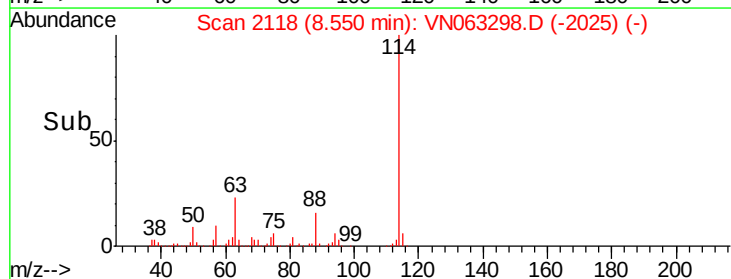
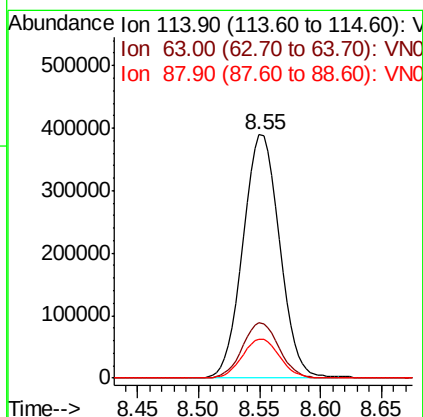
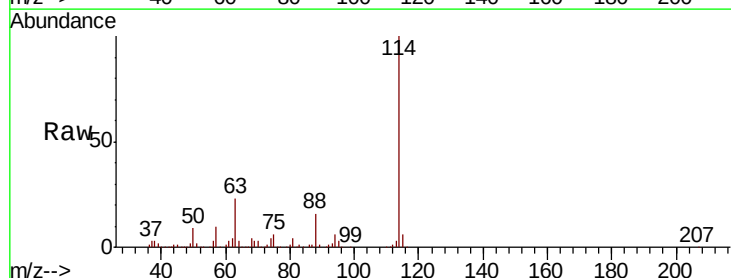
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0910MBS01

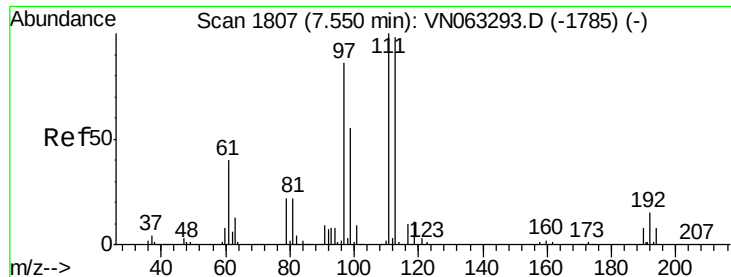
Tot Ion: 65 Resp: 346756
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063298.D
 Acq: 10 Sep 2020 16:59

Tgt Ion: 114 Resp: 809749
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 46.0
 88 15.9 0.0 32.8

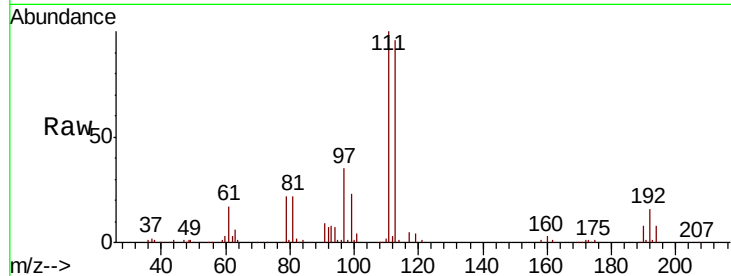




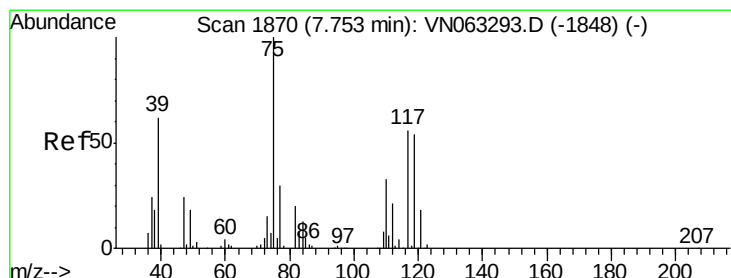
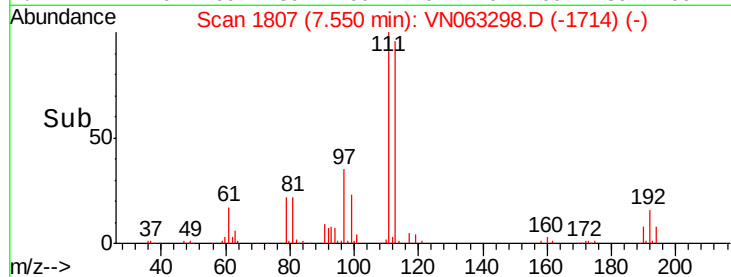
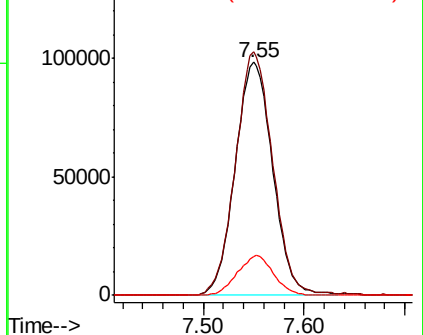
#35
 Dibromofluoromethane
 Concen: 48.616 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: VN063298.D
 Acq: 10 Sep 2020 16:59

Instrument :
 MSVOA_N
 ClientSampled :
 VN0910MBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.2	123.2
192	16.5	12.9	19.3

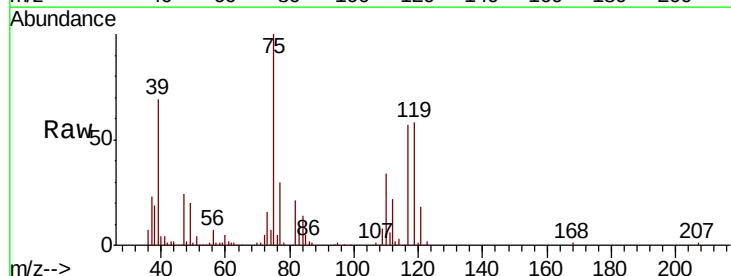


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

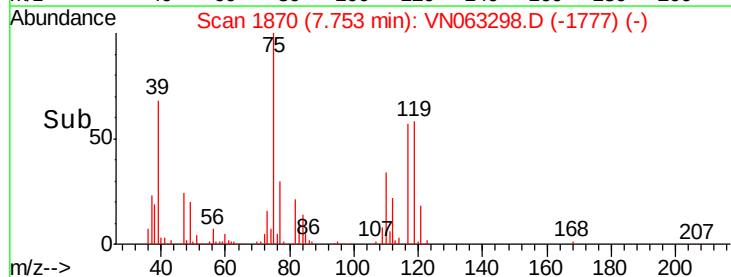
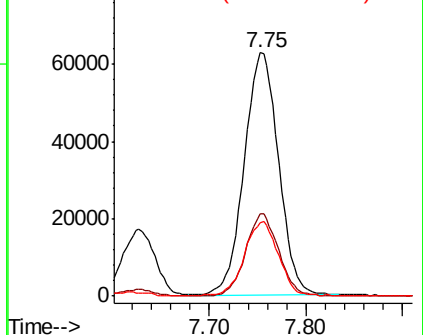


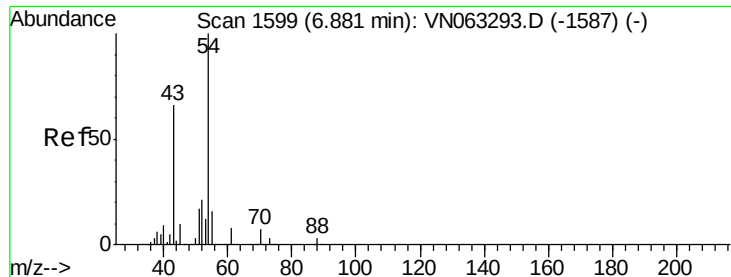
#36
 1,1-Dichloropropene
 Concen: 18.663 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: VN063298.D
 Acq: 10 Sep 2020 16:59

Tgt Ion	Ratio	Lower	Upper
75	100		
110	32.6	16.4	49.4
77	30.5	24.8	37.2



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V

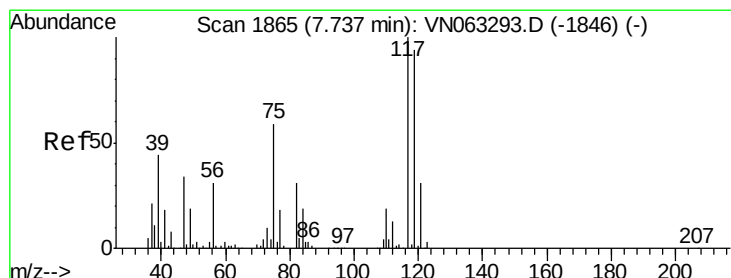
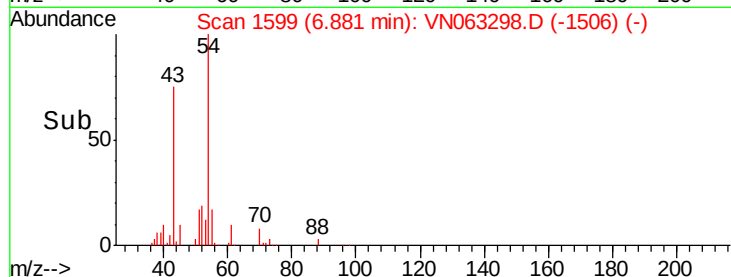
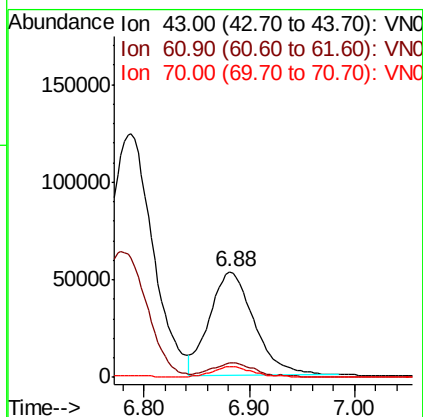
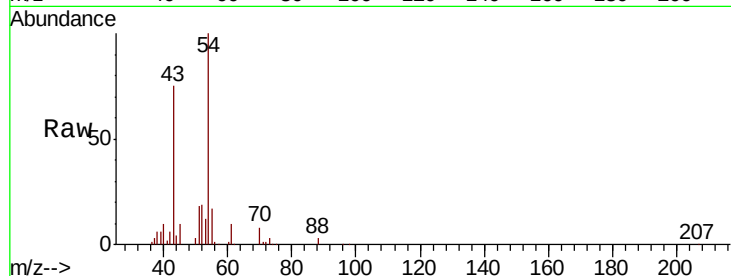




#37
Ethyl Acetate
Concen: 19.116 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VN063298.D
Acq: 10 Sep 2020 16:59

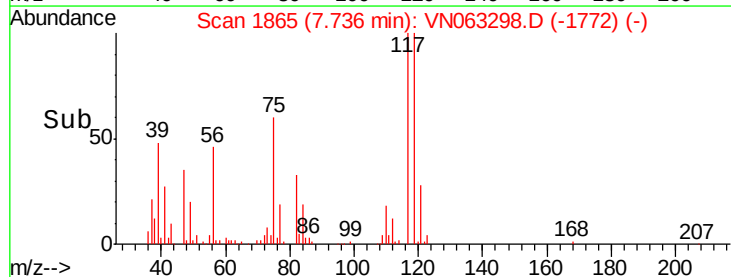
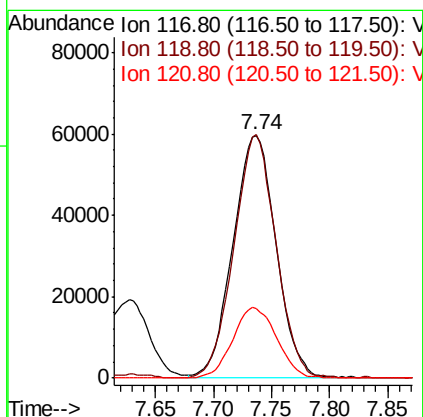
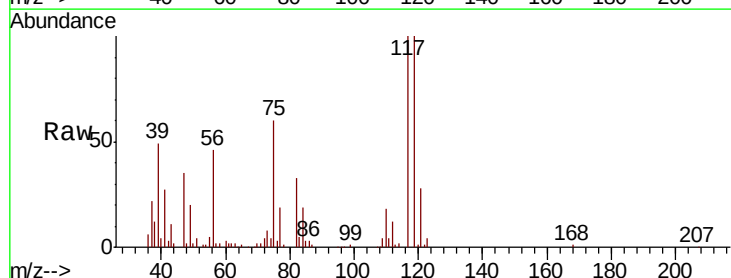
Instrument :
MSVOA_N
ClientSampleId :
VN0910MBS01

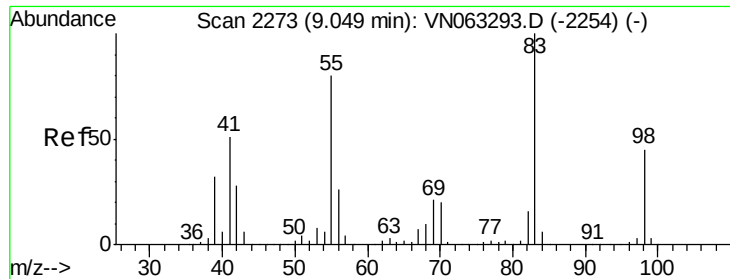
Tot Ion: 43 Resp: 156531
Ion Ratio Lower Upper
43 100
61 10.7 10.1 15.1
70 9.7 7.4 11.2



#38
Carbon Tetrachloride
Concen: 18.670 ug/l
RT: 7.74 min Scan# 1865
Delta R.T. -0.00 min
Lab File: VN063298.D
Acq: 10 Sep 2020 16:59

Tgt Ion: 117 Resp: 152941
Ion Ratio Lower Upper
117 100
119 100.4 75.3 112.9
121 28.7 24.6 37.0

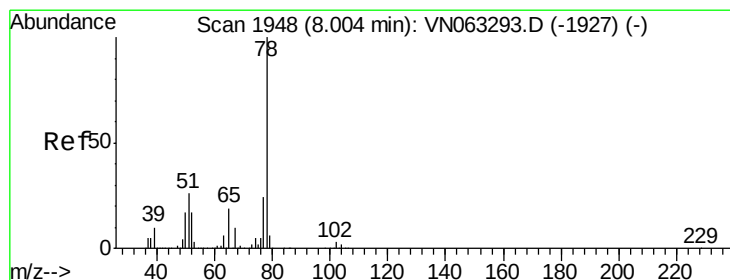
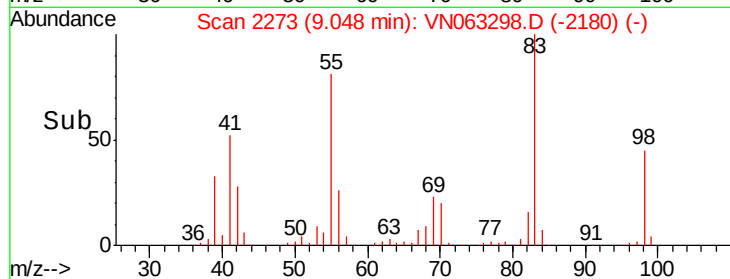
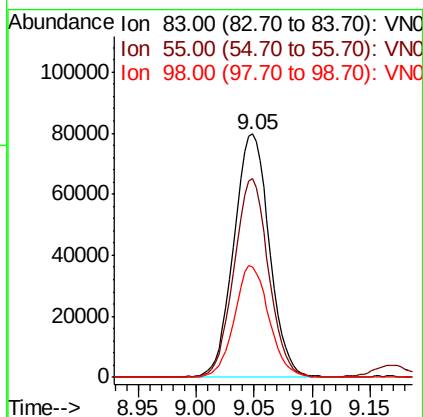
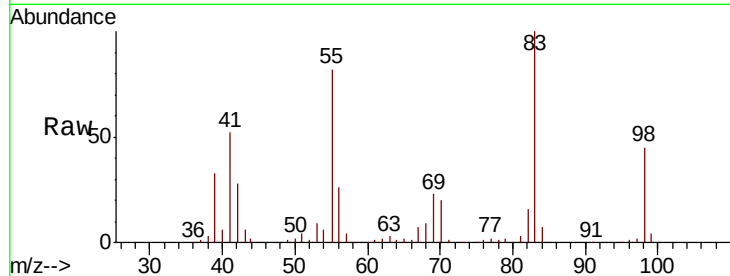




#39
Methylvlcyclohexane
Concen: 18.671 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN063298.D
Acq: 10 Sep 2020 16:59

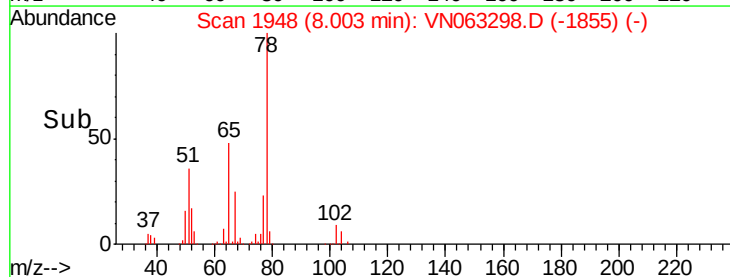
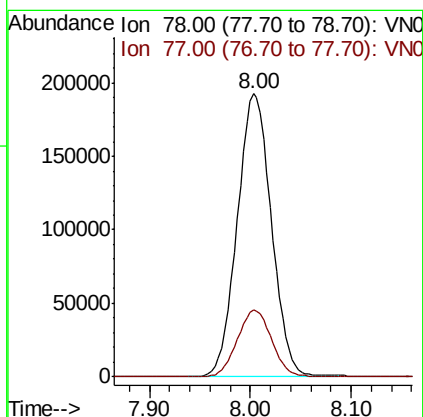
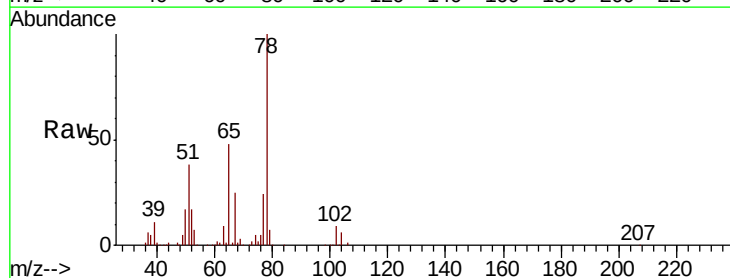
Instrument :
MSVOA_N
ClientSampleId :
VN0910MBS01

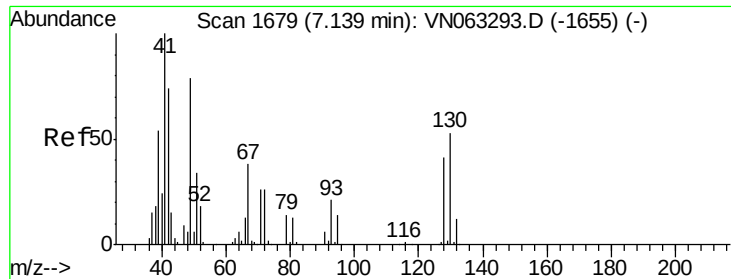
Tot Ion: 83 Resp: 169536
Ion Ratio Lower Upper
83 100
55 81.7 64.0 96.0
98 45.3 36.4 54.6



#40
Benzene
Concen: 19.037 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. -0.00 min
Lab File: VN063298.D
Acq: 10 Sep 2020 16:59

Tgt Ion: 78 Resp: 452565
Ion Ratio Lower Upper
78 100
77 23.7 18.8 28.2

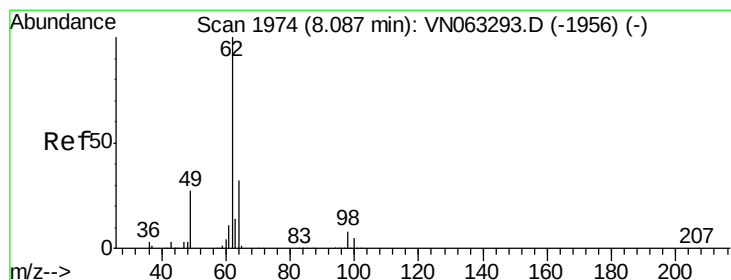
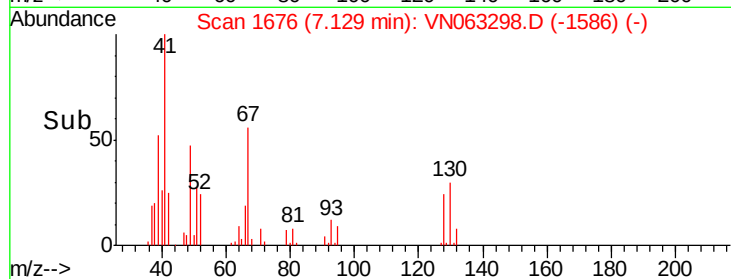
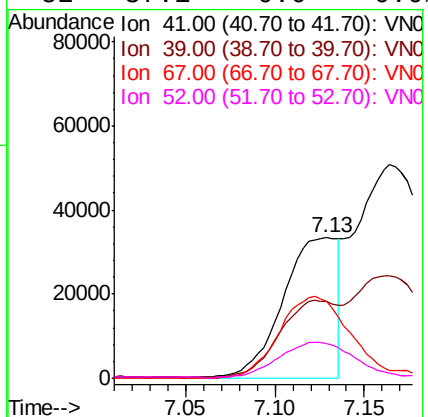
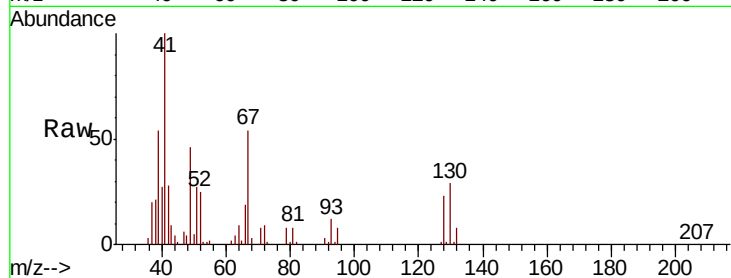




#41
Methacrylonitrile
Concen: 19.256 ug/l
RT: 7.13 min Scan# 1676
Delta R.T. -0.01 min
Lab File: VN063298.D
Acq: 10 Sep 2020 16:59

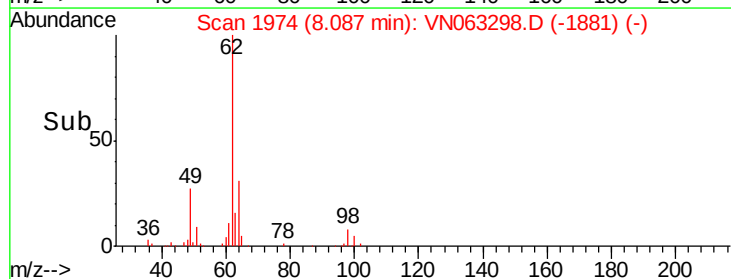
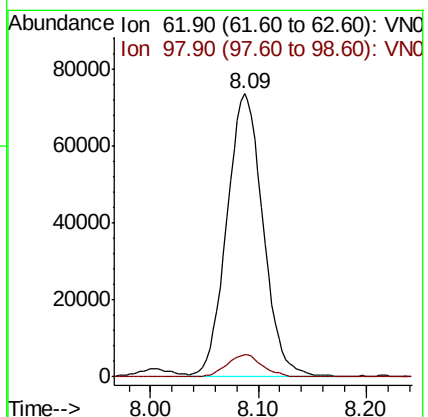
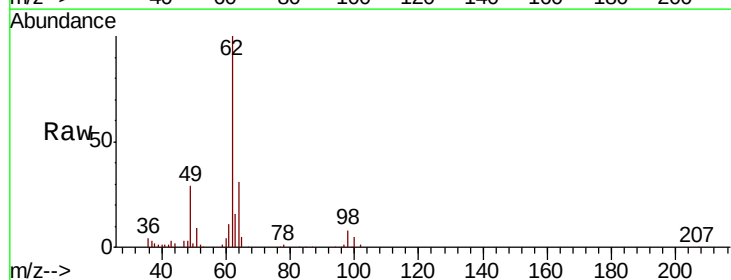
Instrument :
MSVOA_N
ClientSampleId :
VN0910MBS01

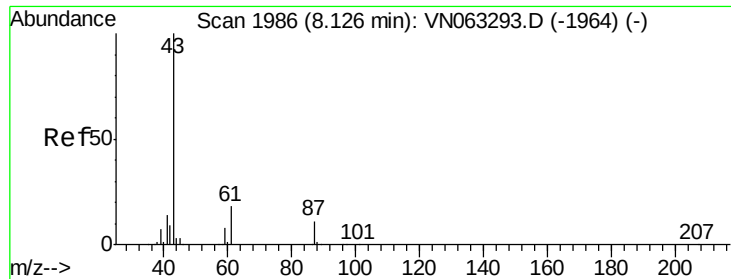
Tot Ion:	41	Resp:	71322
Ion	Ratio	Lower	Upper
41	100		
39	56.3	0.0	0.0#
67	77.1	0.0	0.0#
52	37.1	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 19.013 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. -0.00 min
Lab File: VN063298.D
Acq: 10 Sep 2020 16:59

Tgt Ion:	62	Resp:	171489
Ion	Ratio	Lower	Upper
62	100		
98	7.8	0.0	15.4





#43

Isopropyl Acetate

Concen: 19.396 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN063298.D

Acq: 10 Sep 2020 16:59

Instrument :

MSVOA_N

ClientSampleId :

VN0910MBS01

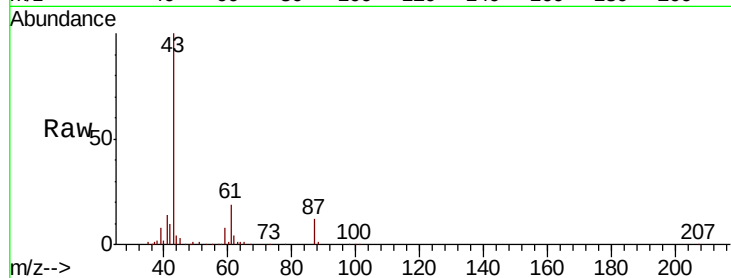
Tot Ion: 43 Resp: 268969

Ion Ratio Lower Upper

43 100

61 25.3 15.1 22.7#

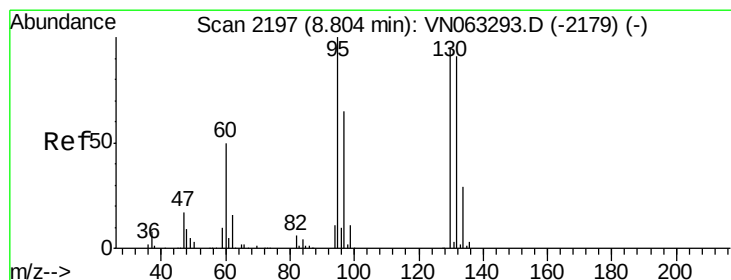
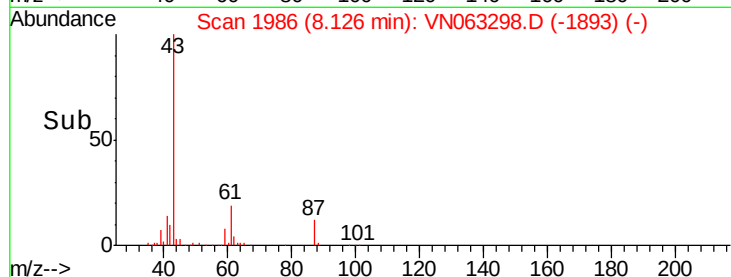
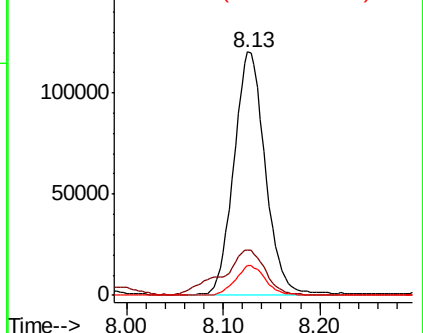
87 11.9 9.2 13.8



Abundance Ion 43.00 (42.70 to 43.70): VN063298.D (-1964) (-)

Ion 61.00 (60.70 to 61.70): VN063298.D (-1964) (-)

Ion 87.00 (86.70 to 87.70): VN063298.D (-1964) (-)



#44

Trichloroethene

Concen: 19.011 ug/l

RT: 8.80 min Scan# 2197

Delta R.T. -0.00 min

Lab File: VN063298.D

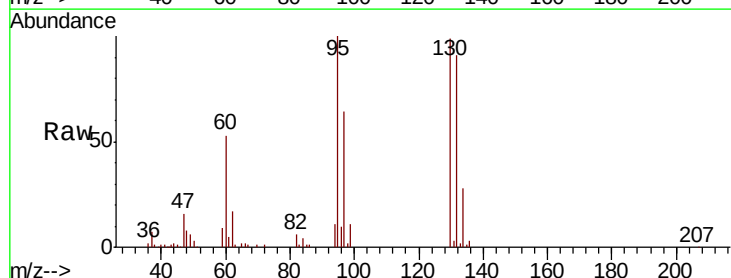
Acq: 10 Sep 2020 16:59

Tgt Ion:130 Resp: 118194

Ion Ratio Lower Upper

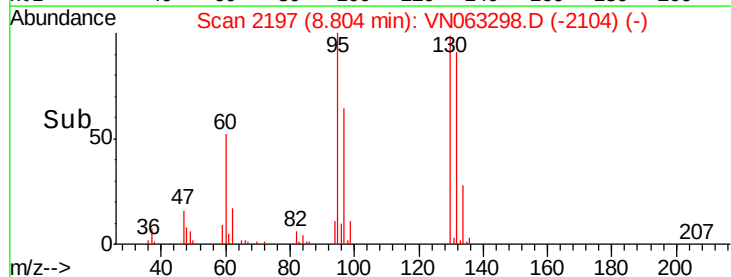
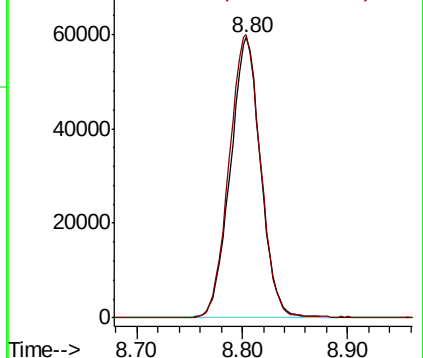
130 100

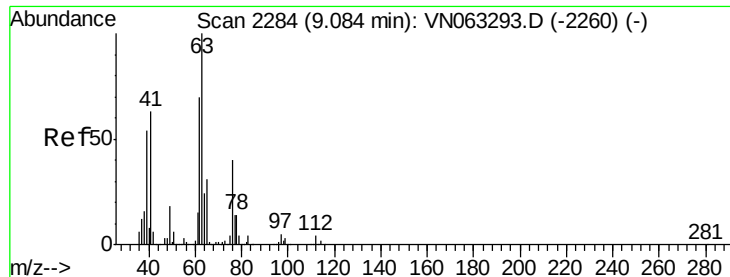
95 100.9 0.0 210.8



Abundance Ion 129.80 (129.50 to 130.50): VN063298.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN063298.D (-2179) (-)

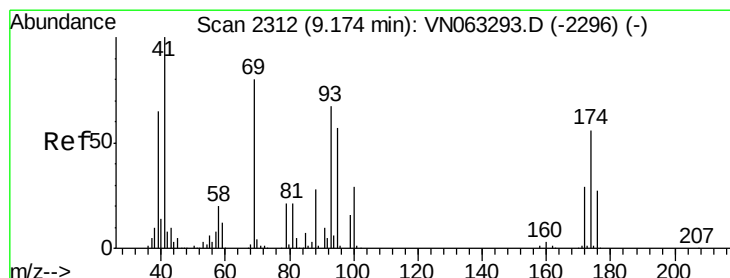
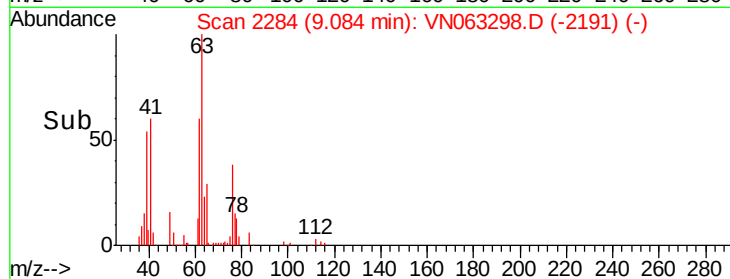
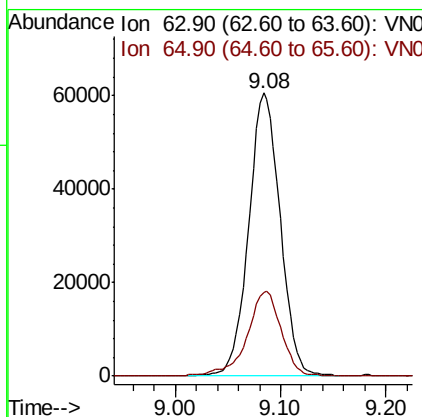
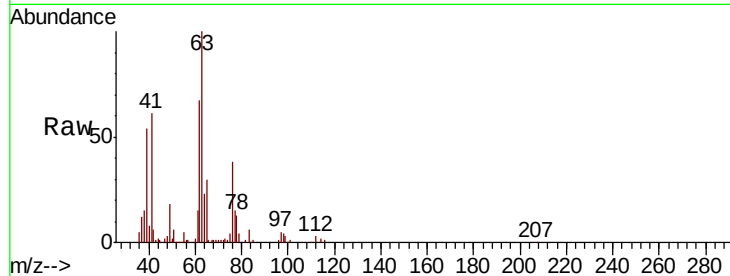




#45
 1,2-Dichloropropane
 Concen: 19.368 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN063298.D
 Acq: 10 Sep 2020 16:59

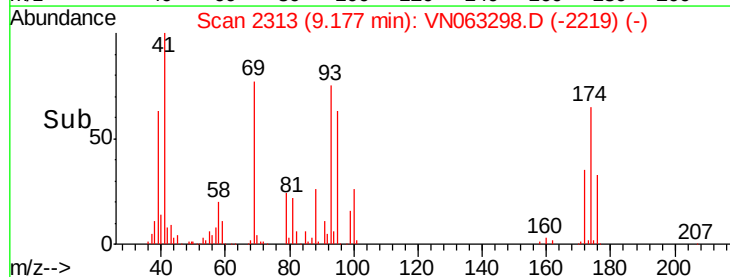
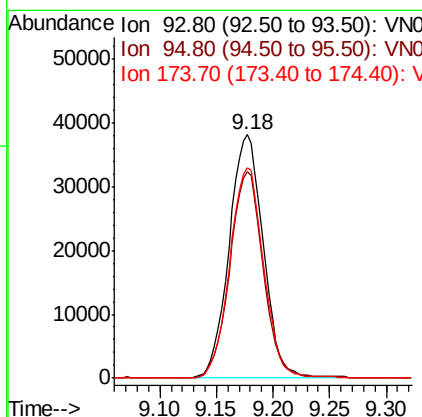
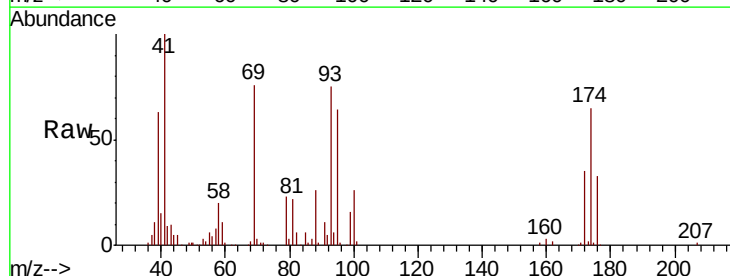
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0910MBS01

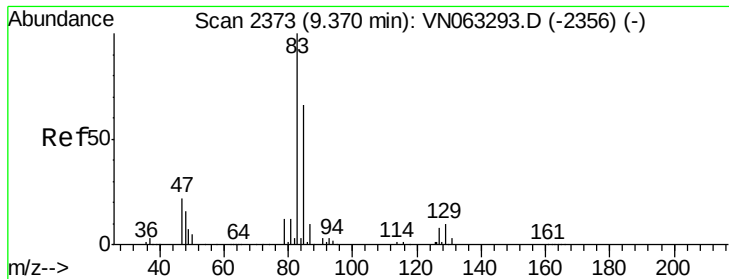
Tot Ion: 63 Resp: 126295
 Ion Ratio Lower Upper
 63 100
 65 29.7 24.6 36.8



#46
 Dibromomethane
 Concen: 18.943 ug/l
 RT: 9.18 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN063298.D
 Acq: 10 Sep 2020 16:59

Tgt Ion: 93 Resp: 80098
 Ion Ratio Lower Upper
 93 100
 95 83.2 67.9 101.9
 174 85.4 66.9 100.3





#47

Bromodichloromethane

Concen: 18.670 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN063298.D

Acq: 10 Sep 2020 16:59

Instrument :

MSVOA_N

ClientSampled :

VN0910MBS01

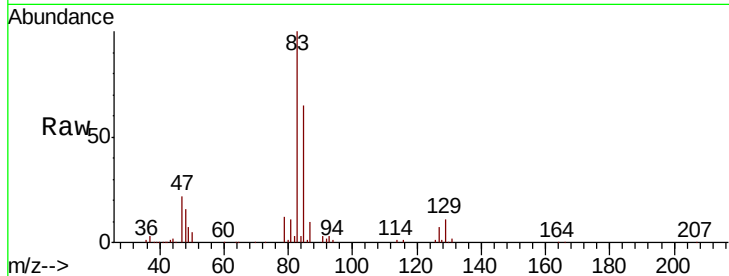
Tot Ion: 83 Resp: 164519

Ion Ratio Lower Upper

83 100

85 64.5 52.5 78.7

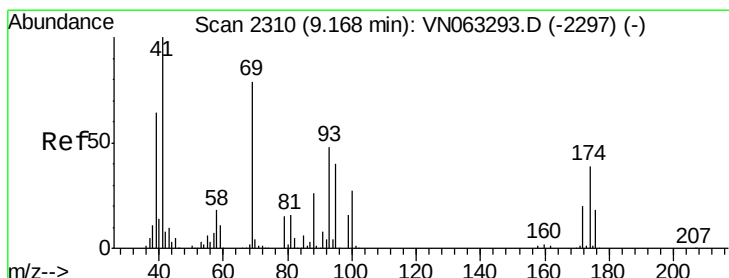
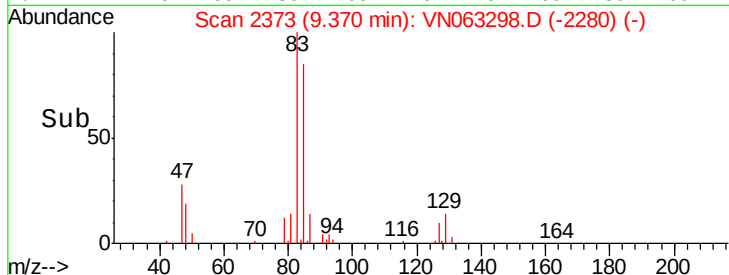
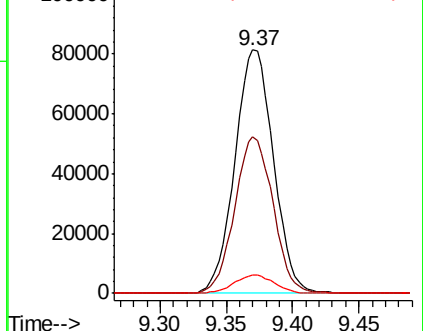
127 7.4 6.6 10.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 18.927 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN063298.D

Acq: 10 Sep 2020 16:59

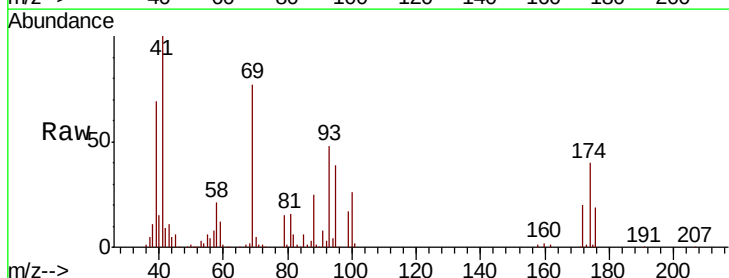
Tgt Ion: 41 Resp: 125237

Ion Ratio Lower Upper

41 100

69 79.7 63.6 95.4

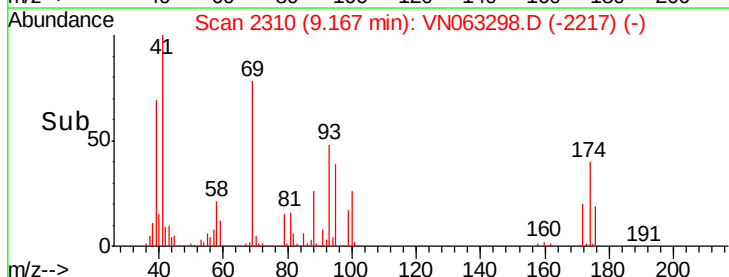
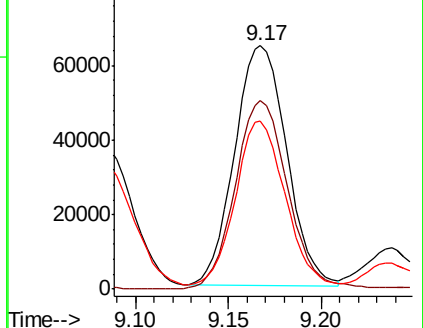
39 68.0 53.2 79.8

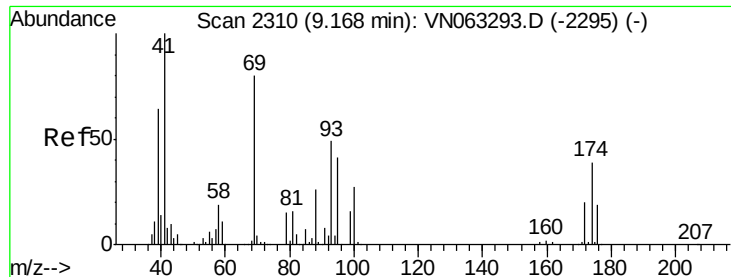


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

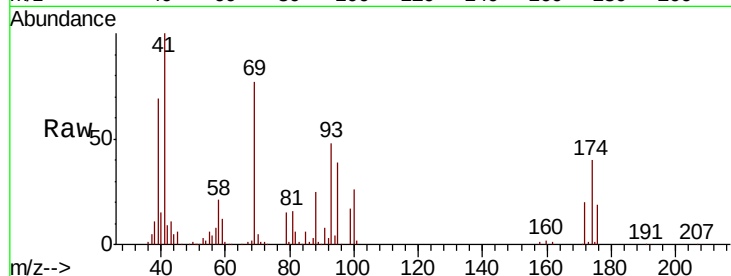




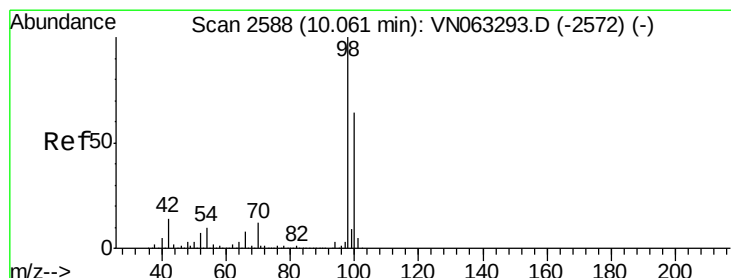
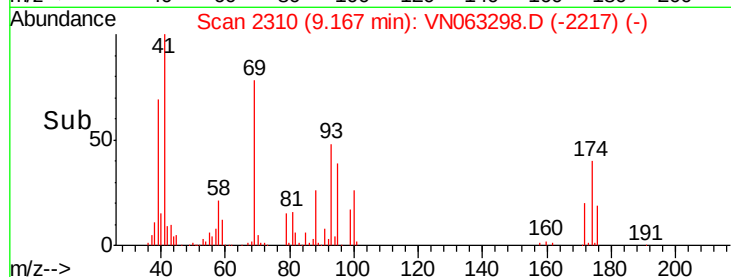
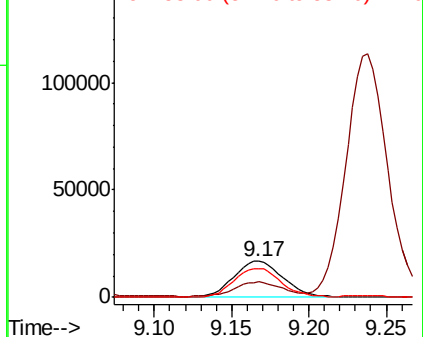
#49
1,4-Dioxane
Concen: 362.831 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN063298.D
Acq: 10 Sep 2020 16:59

Instrument :
MSVOA_N
ClientSampled :
VN0910MBS01

Tot Ion: 88 Resp: 37171
Ion Ratio Lower Upper
88 100
43 38.4 30.5 45.7
58 76.7 58.9 88.3

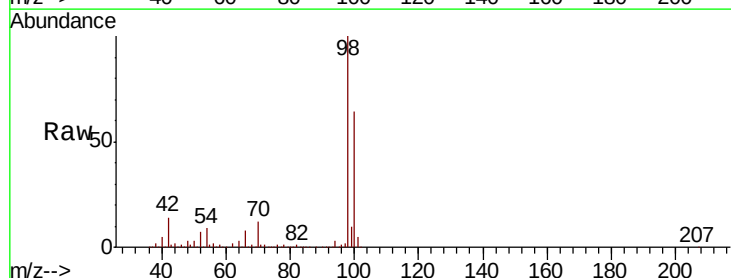


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

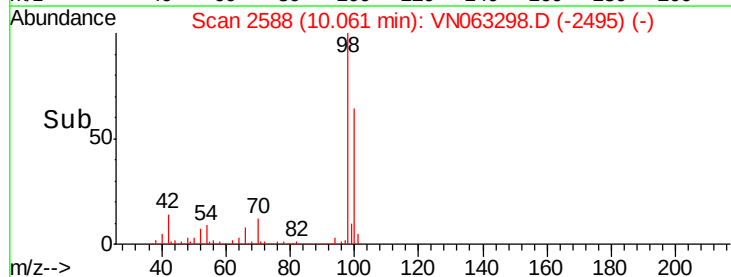
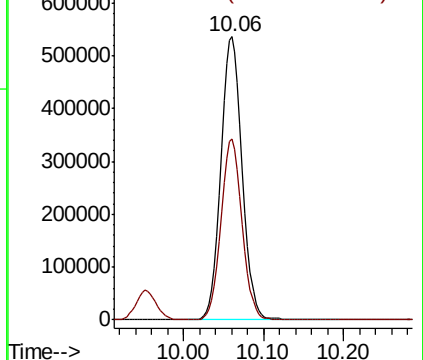


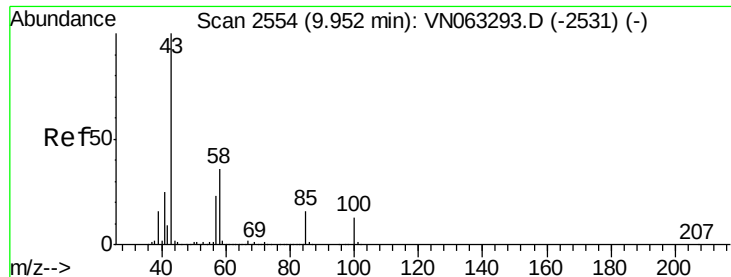
#50
Toluene-d8
Concen: 49.182 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. -0.00 min
Lab File: VN063298.D
Acq: 10 Sep 2020 16:59

Tgt Ion: 98 Resp: 984581
Ion Ratio Lower Upper
98 100
100 63.0 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 102.795 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN063298.D

Acq: 10 Sep 2020 16:59

Instrument :

MSVOA_N

ClientSampleId :

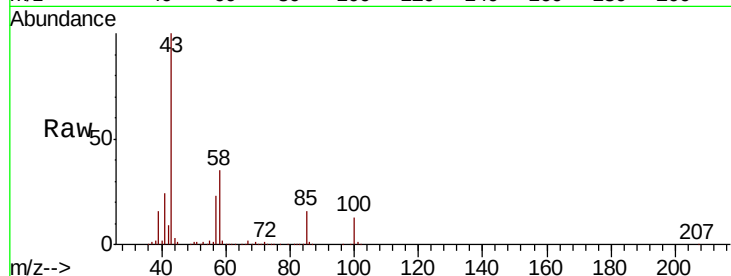
VN0910MBS01

Tot Ion: 43 Resp: 785583

Ion Ratio Lower Upper

43 100

58 35.8 29.0 43.4



Abundance Ion 43.00 (42.70 to 43.70): VN063293.D (-2531) (-)

Ion 58.00 (57.70 to 58.70): VN063293.D (-2531) (-)

9.95

400000

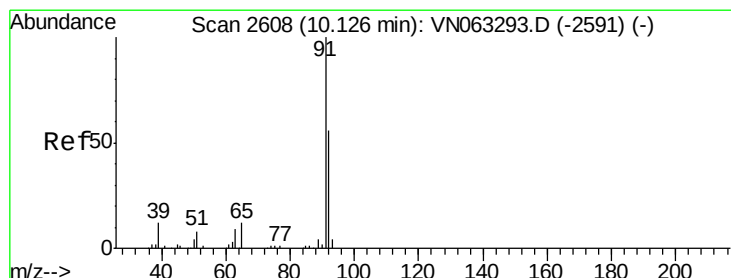
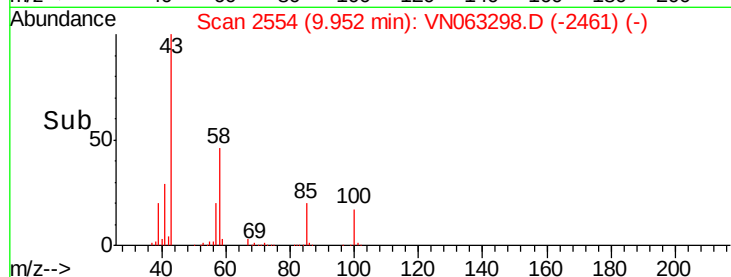
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 19.232 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. -0.00 min

Lab File: VN063298.D

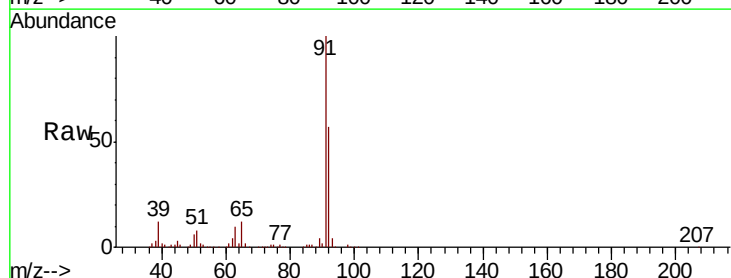
Acq: 10 Sep 2020 16:59

Tgt Ion: 92 Resp: 279139

Ion Ratio Lower Upper

92 100

91 178.1 141.2 211.8



Abundance Ion 92.00 (91.70 to 92.70): VN063293.D (-2591) (-)

Ion 91.00 (90.70 to 91.70): VN063293.D (-2591) (-)

10.13

300000

250000

200000

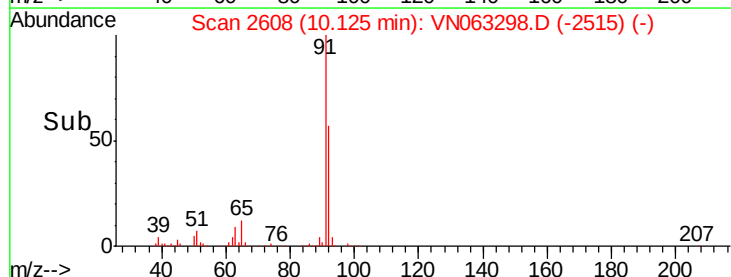
150000

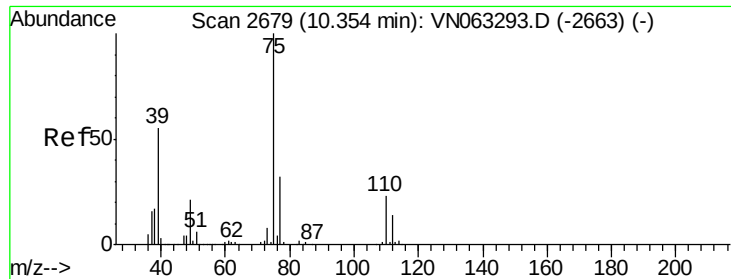
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 19.079 ug/l

RT: 10.35 min Scan# 2679

Delta R.T. -0.00 min

Lab File: VN063298.D

Acq: 10 Sep 2020 16:59

Instrument :

MSVOA_N

ClientSampled :

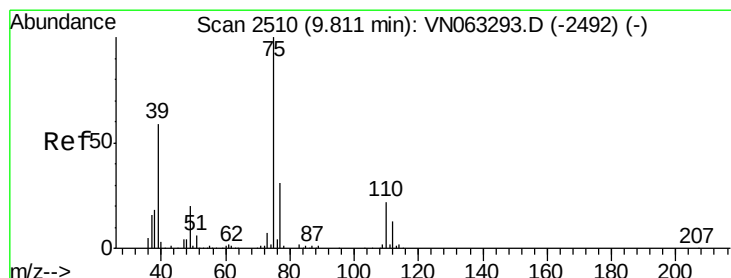
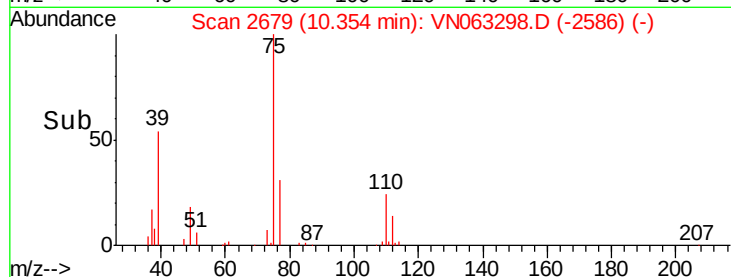
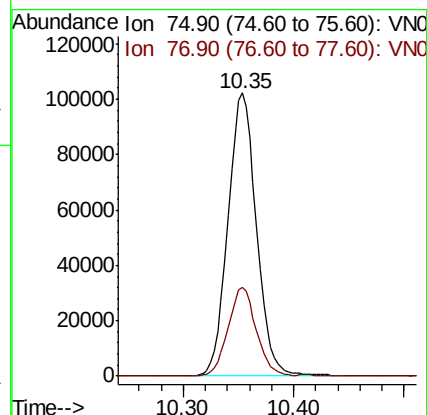
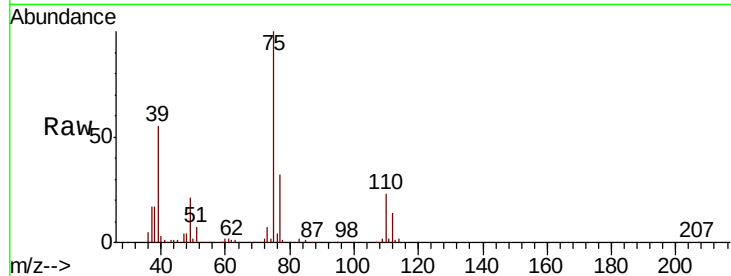
VN0910MBS01

Tot Ion: 75 Resp: 183334

Ion Ratio Lower Upper

75 100

77 31.4 25.7 38.5



#54

cis-1,3-Dichloropropene

Concen: 19.159 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN063298.D

Acq: 10 Sep 2020 16:59

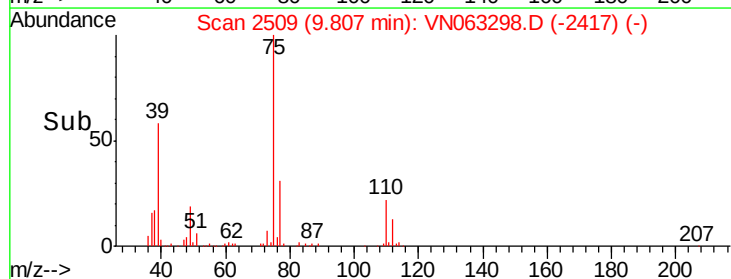
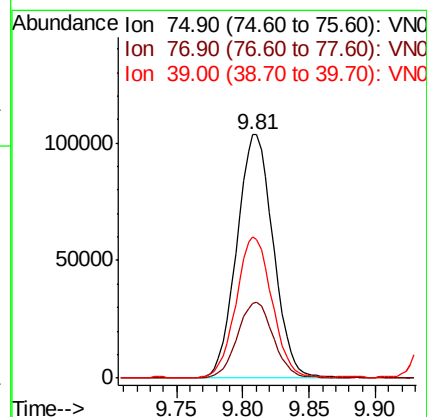
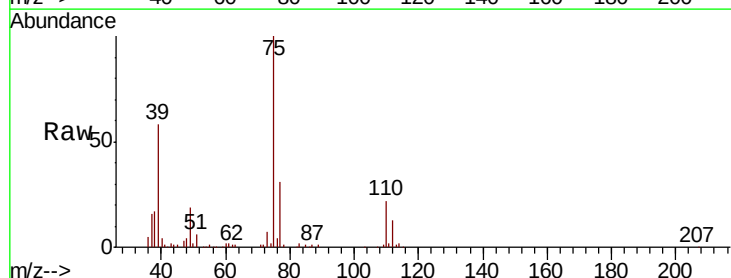
Tgt Ion: 75 Resp: 198223

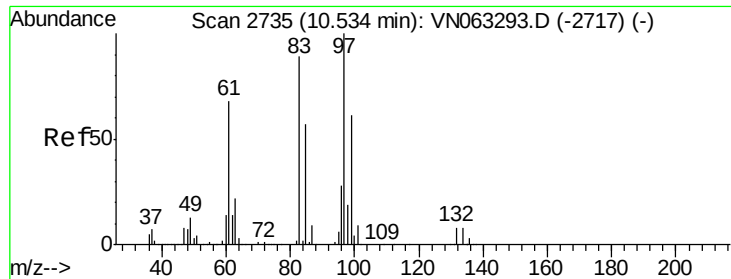
Ion Ratio Lower Upper

75 100

77 30.6 24.7 37.1

39 57.9 47.2 70.8

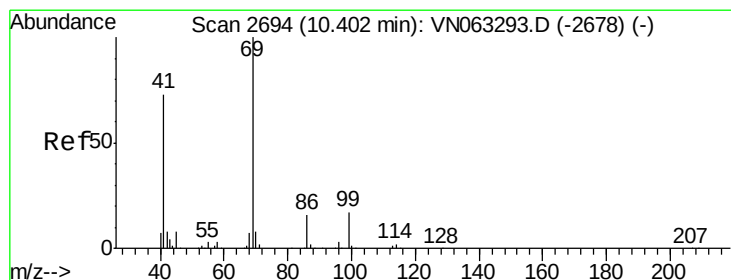
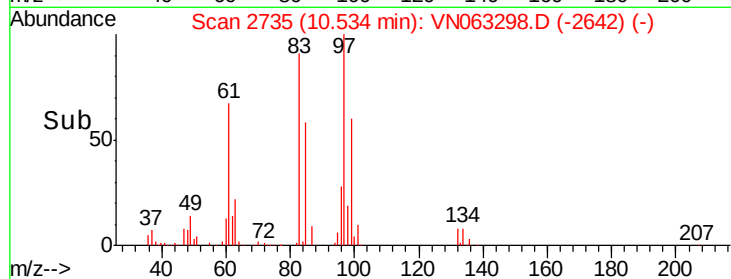
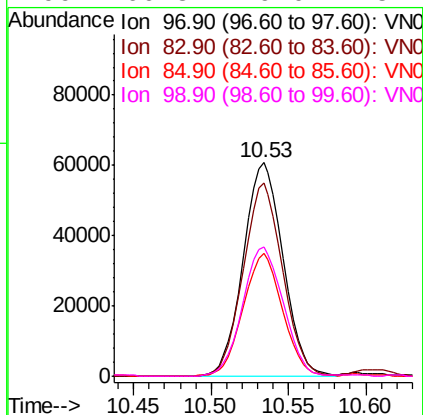
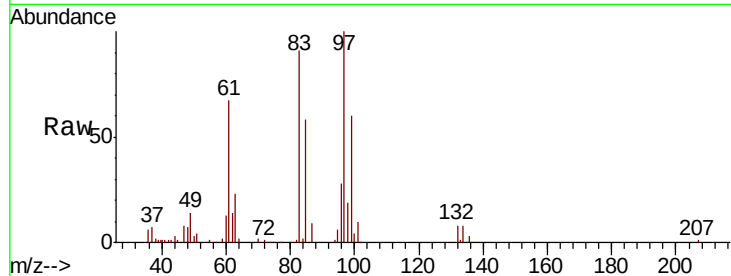




#55
 1,1,2-Trichloroethane
 Concen: 19.237 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. -0.00 min
 Lab File: VN063298.D
 Acq: 10 Sep 2020 16:59

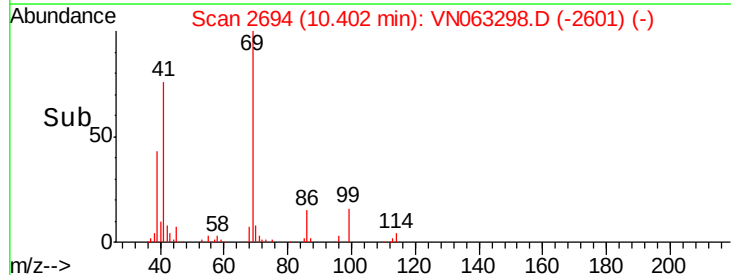
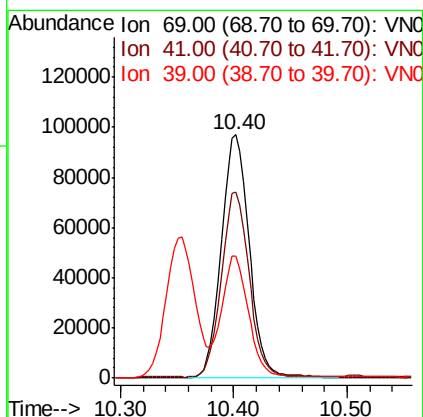
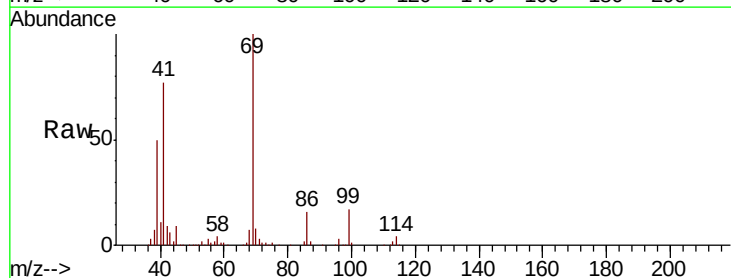
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0910MBS01

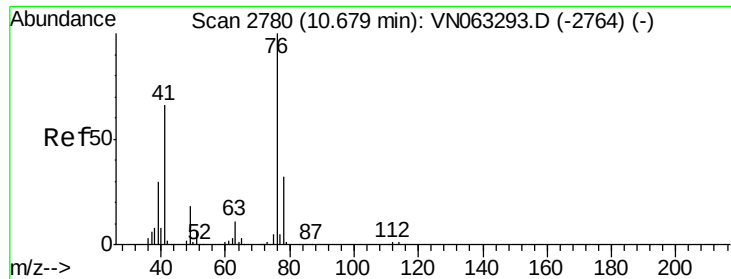
Tot Ion:	97	Resp:	109409
Ion	Ratio	Lower	Upper
97	100		
83	90.6	70.8	106.2
85	57.6	45.6	68.4
99	60.3	49.0	73.4



#56
 Ethyl methacrylate
 Concen: 19.408 ug/l
 RT: 10.40 min Scan# 2694
 Delta R.T. -0.00 min
 Lab File: VN063298.D
 Acq: 10 Sep 2020 16:59

Tgt Ion:	69	Resp:	167859
Ion	Ratio	Lower	Upper
69	100		
41	75.2	58.4	87.6
39	46.2	38.6	58.0





#57

1,3-Dichloropropane

Concen: 19.342 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. -0.00 min

Lab File: VN063298.D

Acq: 10 Sep 2020 16:59

Instrument :

MSVOA_N

ClientSampled :

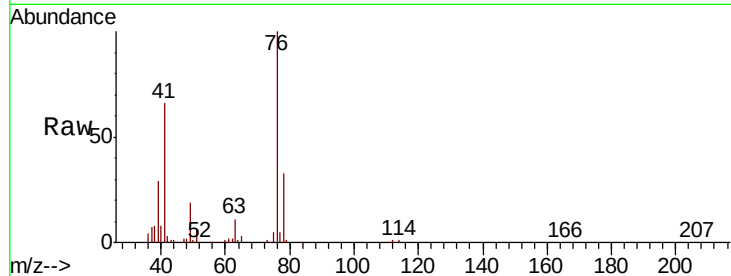
VN0910MBS01

Tot Ion: 76 Resp: 192232

Ion Ratio Lower Upper

76 100

78 33.0 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.68

120000

100000

80000

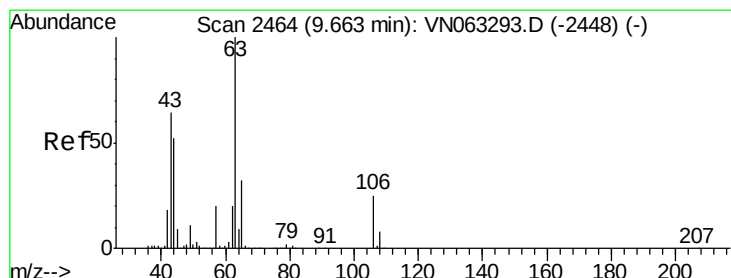
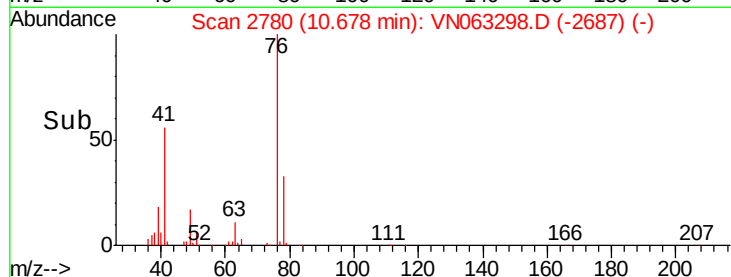
60000

40000

20000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 85.817 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. -0.00 min

Lab File: VN063298.D

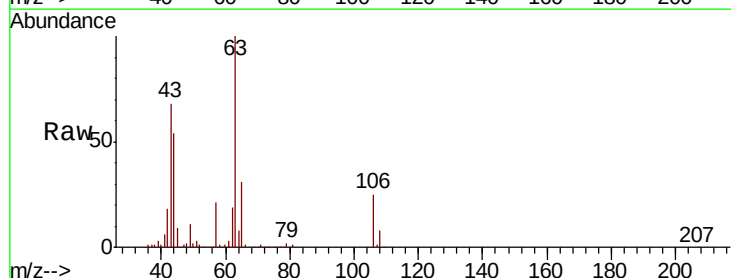
Acq: 10 Sep 2020 16:59

Tgt Ion: 63 Resp: 398129

Ion Ratio Lower Upper

63 100

106 25.3 20.2 30.4



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.66

250000

200000

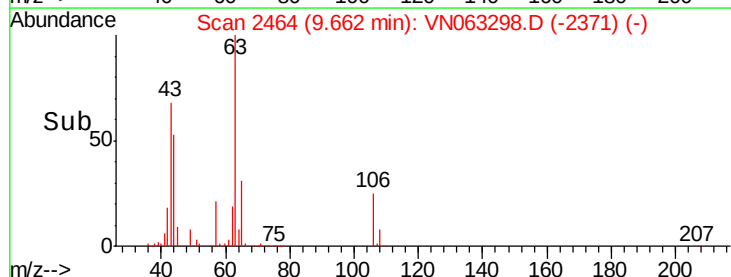
150000

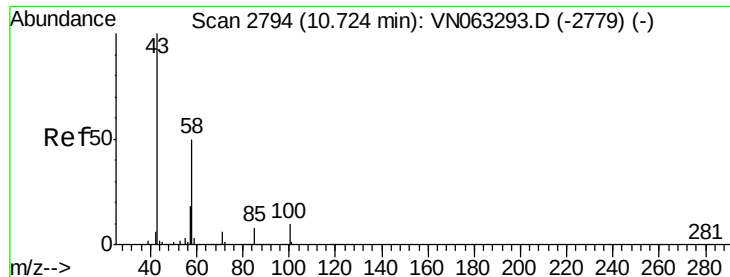
100000

50000

0

Time-->

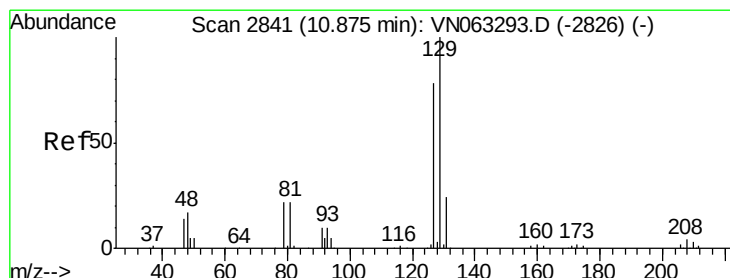
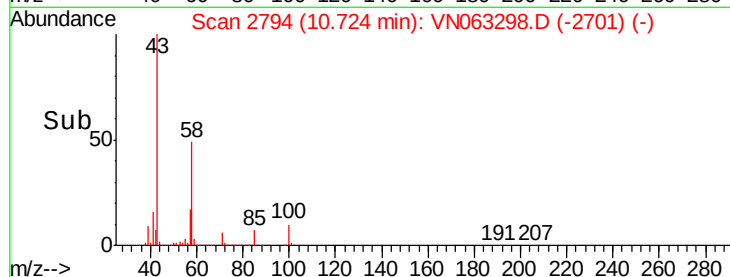
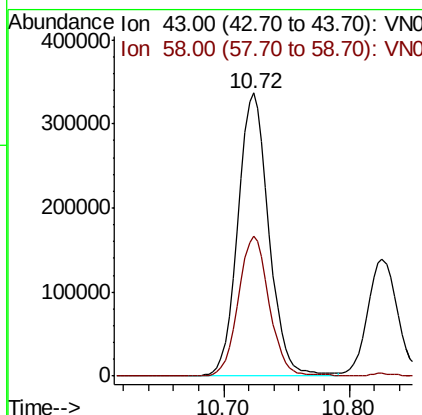
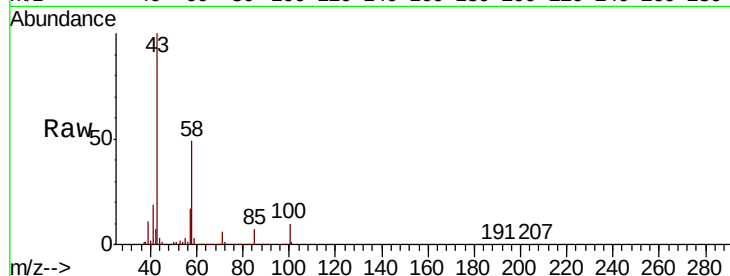




#59
2-Hexanone
Concen: 101.882 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. -0.00 min
Lab File: VN063298.D
Acq: 10 Sep 2020 16:59

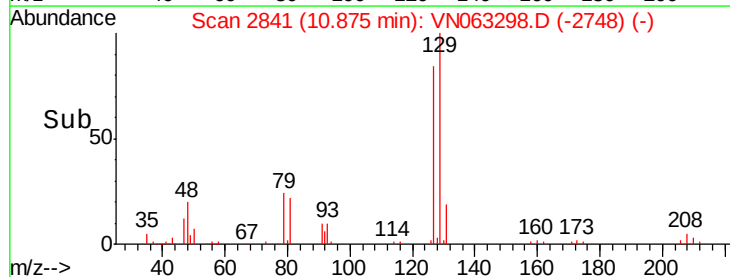
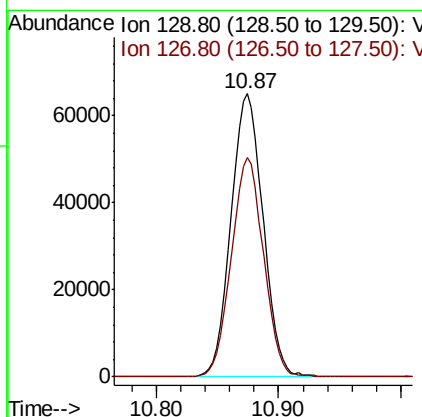
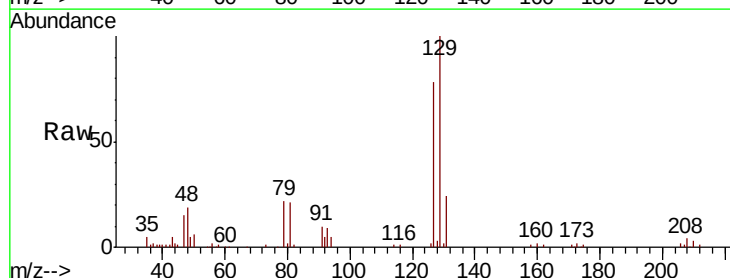
Instrument :
MSVOA_N
ClientSampleId :
VN0910MBS01

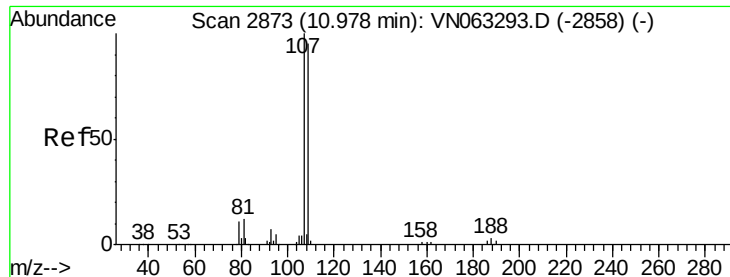
Tot Ion: 43 Resp: 574228
Ion Ratio Lower Upper
43 100
58 49.6 25.1 75.3



#60
Dibromochloromethane
Concen: 19.033 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. -0.00 min
Lab File: VN063298.D
Acq: 10 Sep 2020 16:59

Tgt Ion: 129 Resp: 118872
Ion Ratio Lower Upper
129 100
127 77.7 39.0 117.0

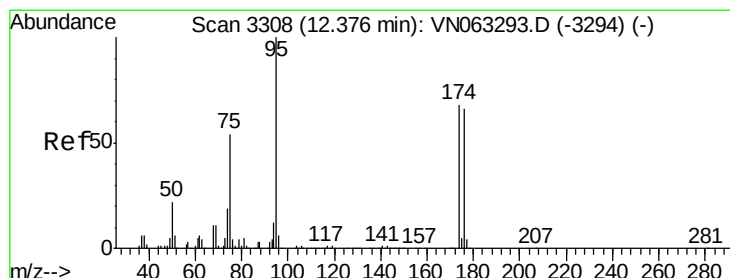
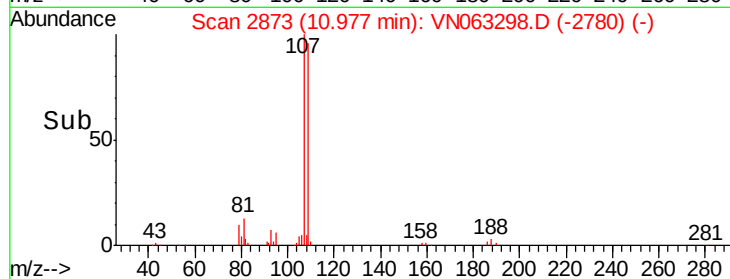
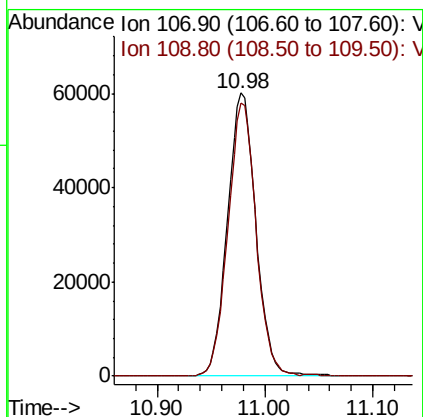
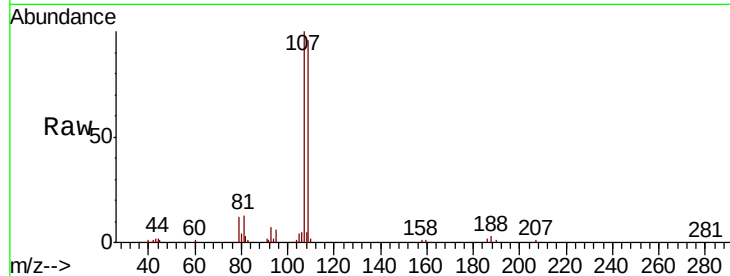




#61
 1,2-Dibromoethane
 Concen: 18.648 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. -0.00 min
 Lab File: VN063298.D
 Acq: 10 Sep 2020 16:59

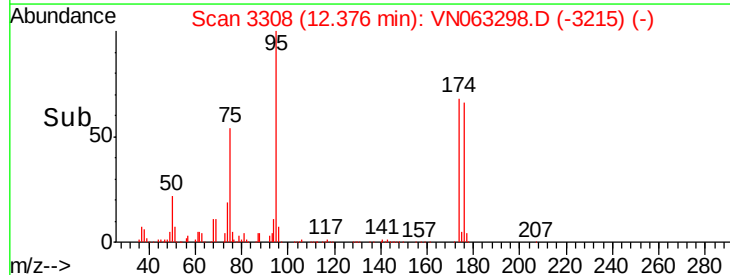
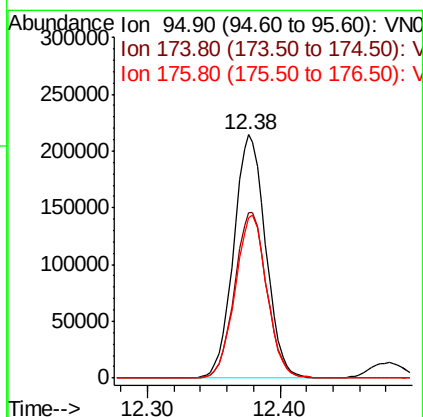
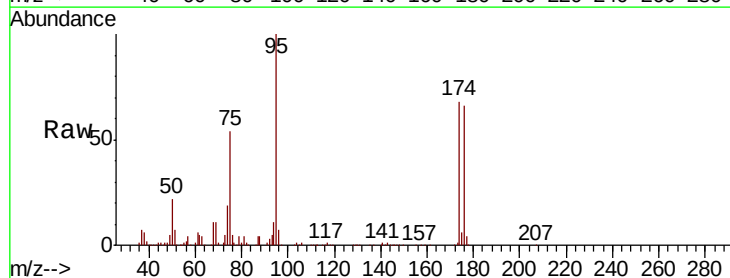
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0910MBS01

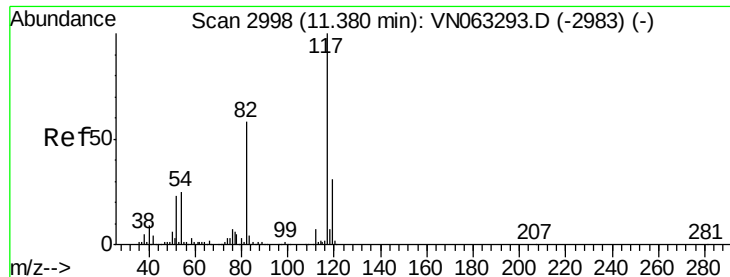
Tot Ion: 107 Resp: 110571
 Ion Ratio Lower Upper
 107 100
 109 95.4 75.5 113.3



#62
 4-Bromofluorobenzene
 Concen: 48.413 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. -0.00 min
 Lab File: VN063298.D
 Acq: 10 Sep 2020 16:59

Tgt Ion: 95 Resp: 357971
 Ion Ratio Lower Upper
 95 100
 174 68.4 0.0 136.6
 176 66.7 0.0 132.8

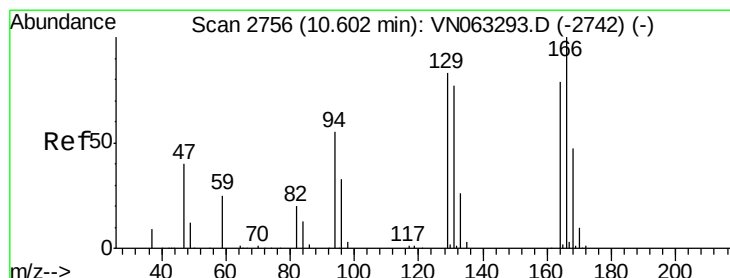
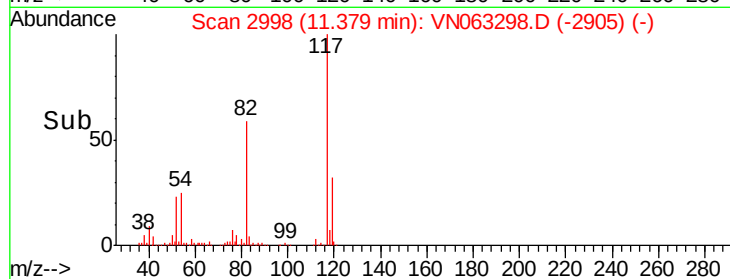
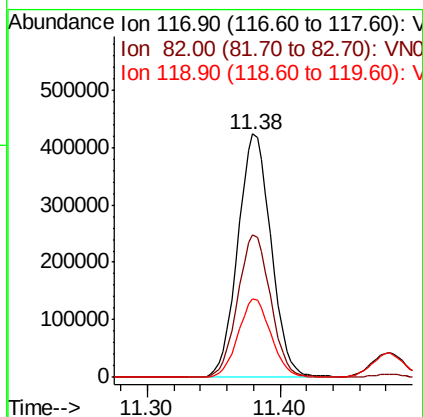
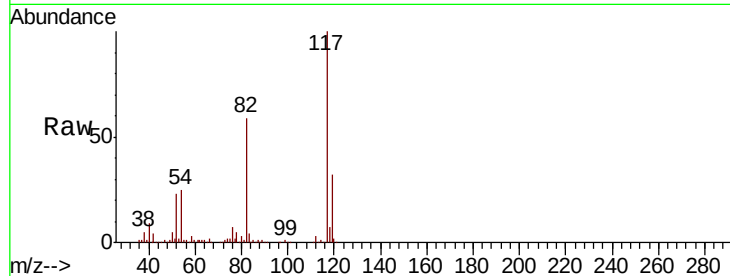




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063298.D
Acq: 10 Sep 2020 16:59

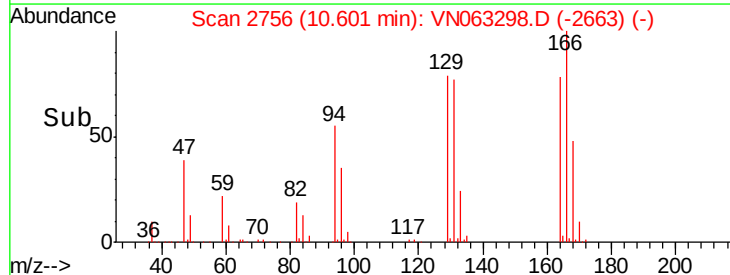
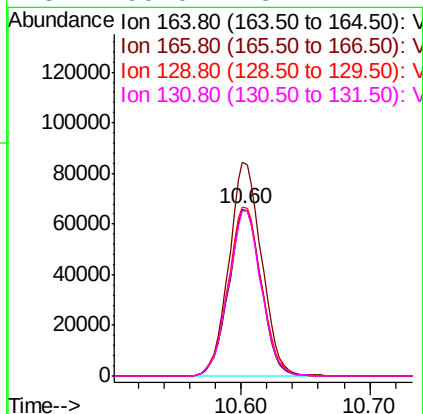
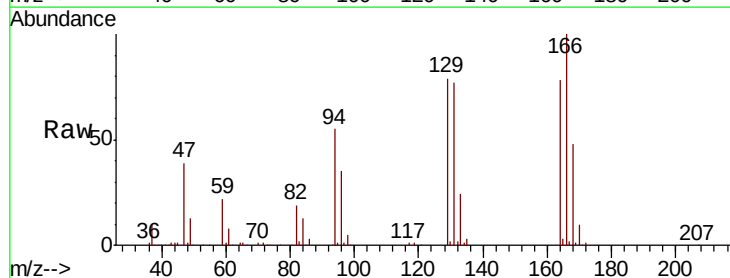
Instrument :
MSVOA_N
ClientSampled :
VN0910MBS01

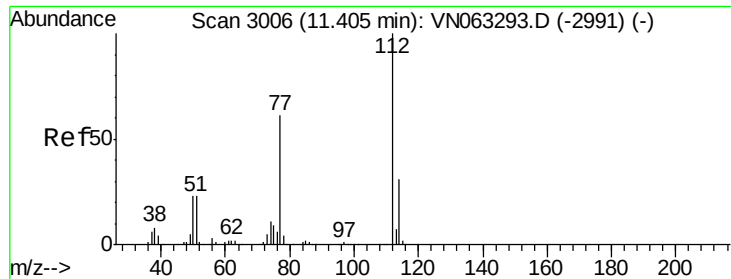
Tot Ion:117 Resp: 736091
Ion Ratio Lower Upper
117 100
82 58.7 46.4 69.6
119 32.2 24.8 37.2



#64
Tetrachloroethene
Concen: 19.127 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN063298.D
Acq: 10 Sep 2020 16:59

Tgt Ion:164 Resp: 115337
Ion Ratio Lower Upper
164 100
166 128.0 101.3 151.9
129 101.3 83.7 125.5
131 99.0 78.2 117.4

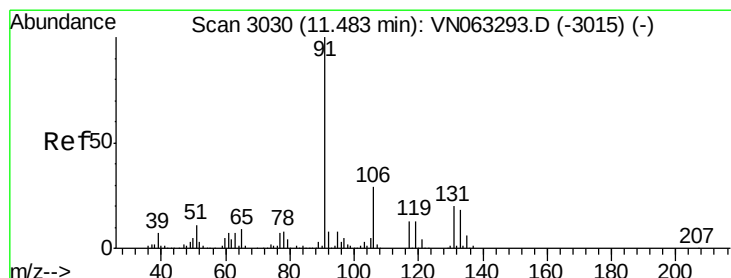
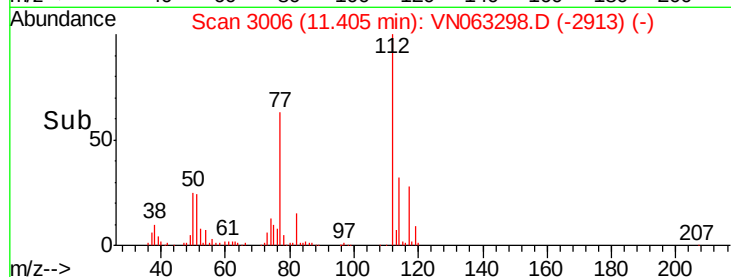
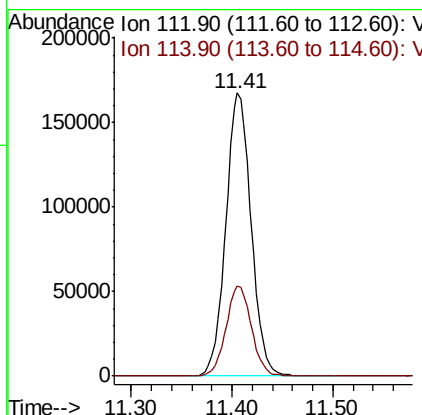
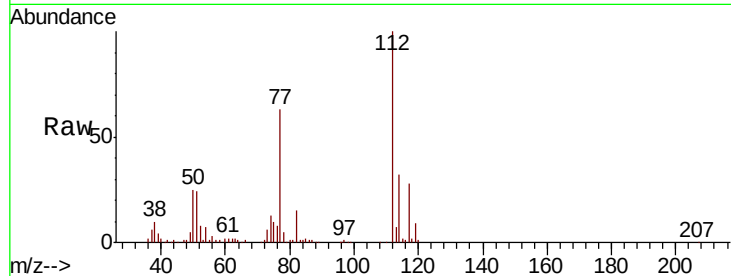




#65
Chlorobenzene
Concen: 18.522 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN063298.D
Acq: 10 Sep 2020 16:59

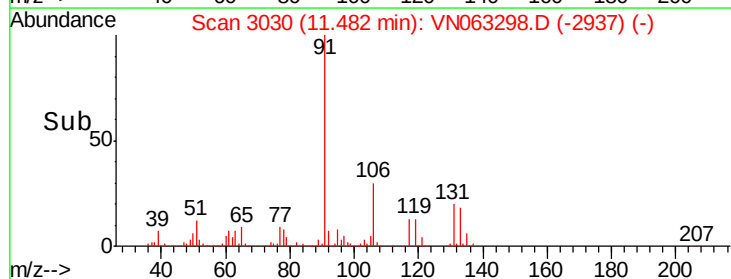
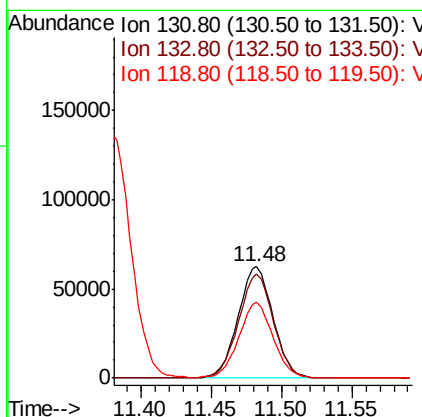
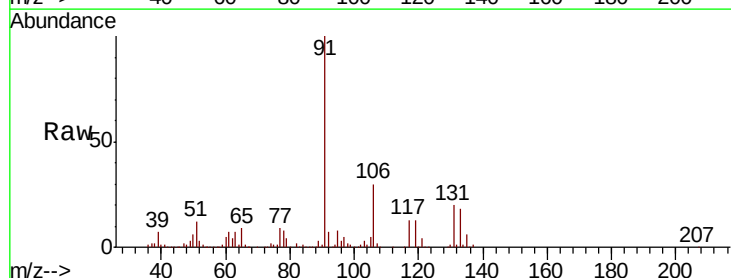
Instrument :
MSVOA_N
ClientSampleId :
VN0910MBS01

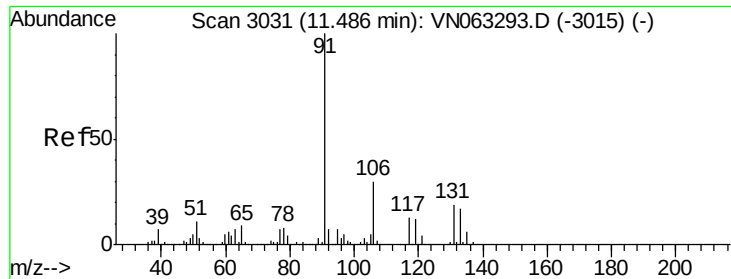
Tot Ion:112 Resp: 293520
Ion Ratio Lower Upper
112 100
114 31.7 24.6 36.8



#66
1,1,1,2-Tetrachloroethane
Concen: 18.760 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN063298.D
Acq: 10 Sep 2020 16:59

Tgt Ion:131 Resp: 108314
Ion Ratio Lower Upper
131 100
133 93.8 47.4 142.2
119 67.0 33.8 101.3





#67

Ethyl Benzene

Concen: 19.298 ug/l

RT: 11.49 min Scan# 3031

Delta R.T. -0.00 min

Lab File: VN063298.D

Acq: 10 Sep 2020 16:59

Instrument :

MSVOA_N

ClientSampled :

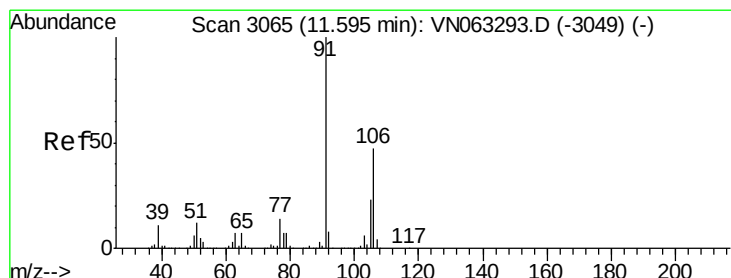
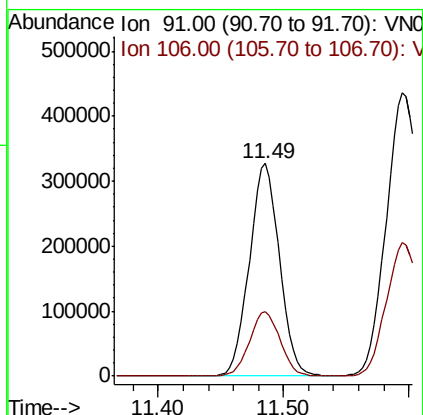
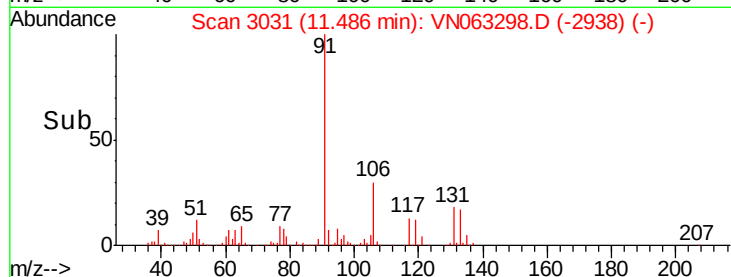
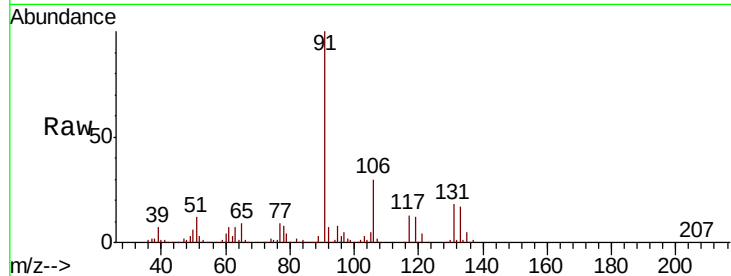
VN0910MBS01

Tot Ion: 91 Resp: 548996

Ion Ratio Lower Upper

91 100

106 30.2 23.8 35.6



#68

m/p-Xylenes

Concen: 37.512 ug/l

RT: 11.59 min Scan# 3065

Delta R.T. -0.00 min

Lab File: VN063298.D

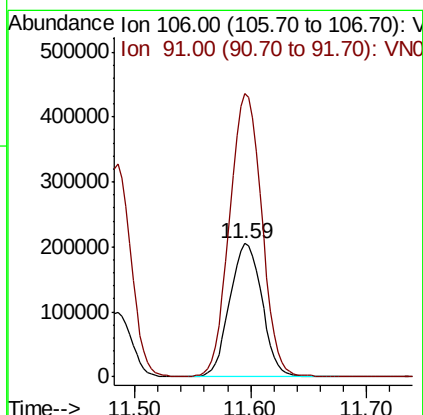
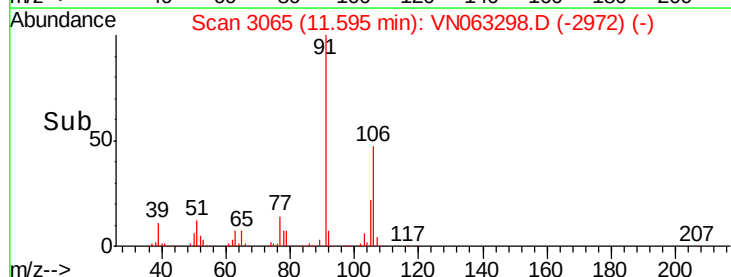
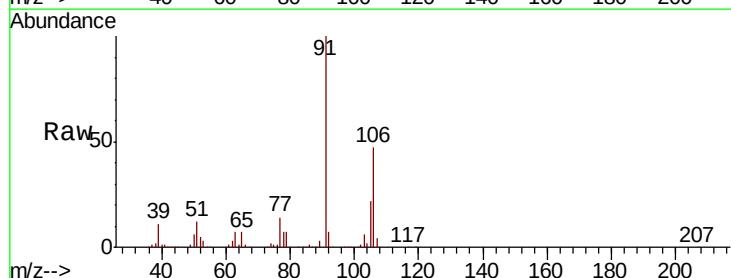
Acq: 10 Sep 2020 16:59

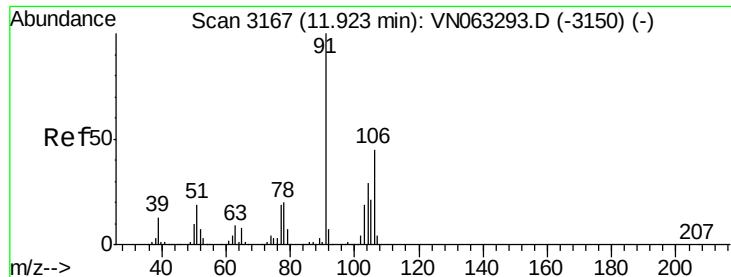
Tgt Ion: 106 Resp: 394752

Ion Ratio Lower Upper

106 100

91 211.2 169.8 254.8

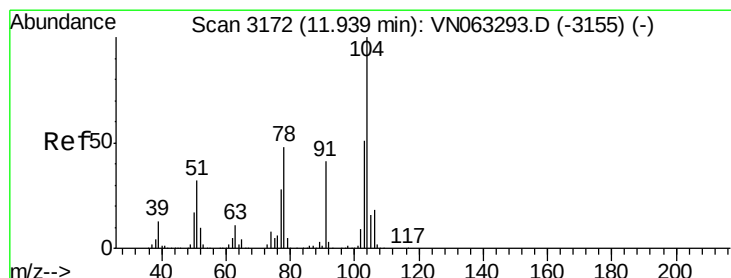
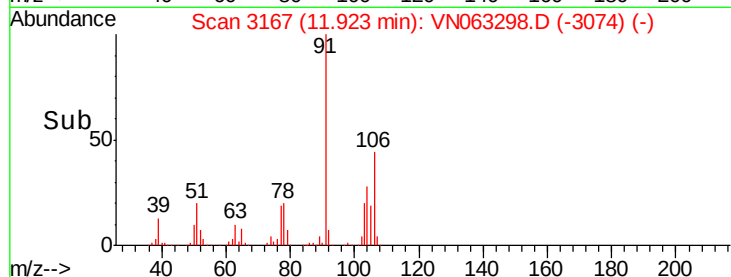
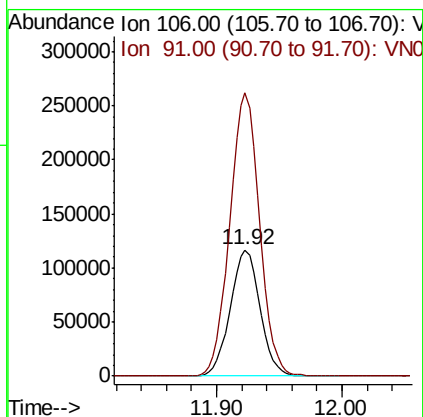
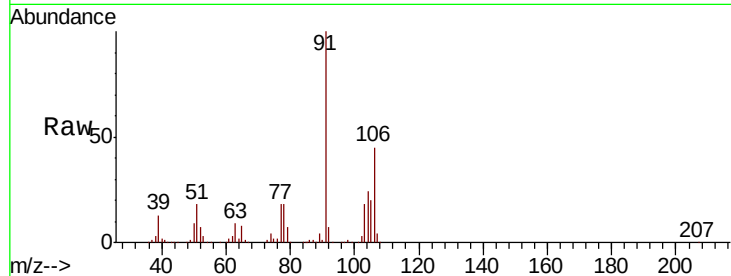




#69
o-Xylene
Concen: 19.010 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. -0.00 min
Lab File: VN063298.D
Acq: 10 Sep 2020 16:59

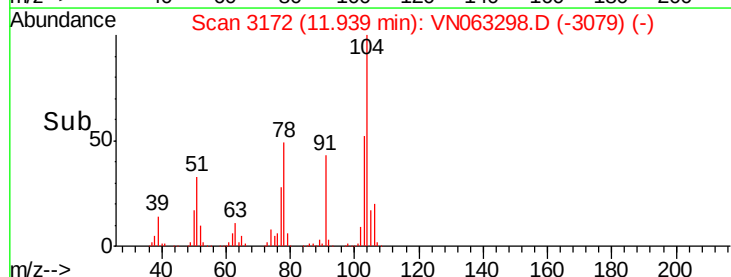
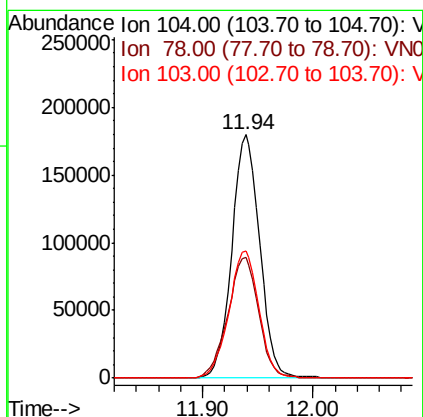
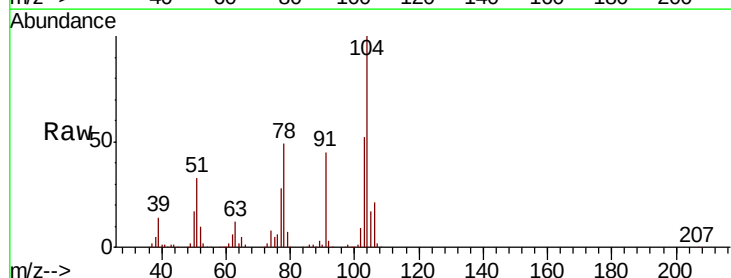
Instrument :
MSVOA_N
ClientSampled :
VN0910MBS01

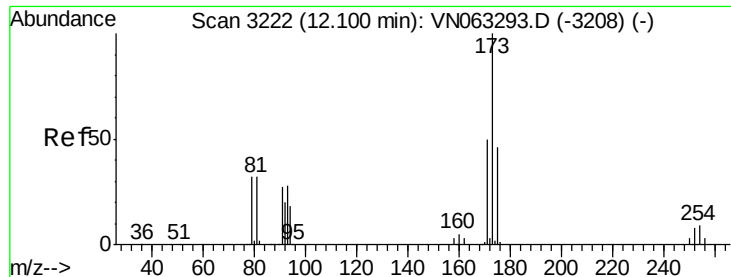
Tot Ion:106 Resp: 191977
Ion Ratio Lower Upper
106 100
91 224.3 111.5 334.4



#70
Styrene
Concen: 18.809 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. -0.00 min
Lab File: VN063298.D
Acq: 10 Sep 2020 16:59

Tgt Ion:104 Resp: 315710
Ion Ratio Lower Upper
104 100
78 54.6 42.9 64.3
103 56.0 44.2 66.2





#71

Bromoform

Concen: 18.549 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. -0.00 min

Lab File: VN063298.D

Acq: 10 Sep 2020 16:59

Instrument :

MSVOA_N

ClientSampled :

VN0910MBS01

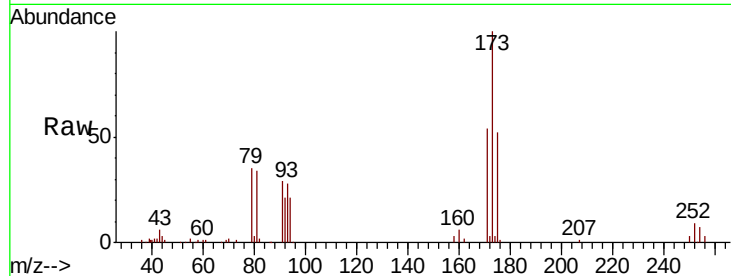
Tot Ion:173 Resp: 74075

Ion Ratio Lower Upper

173 100

175 50.7 23.8 71.5

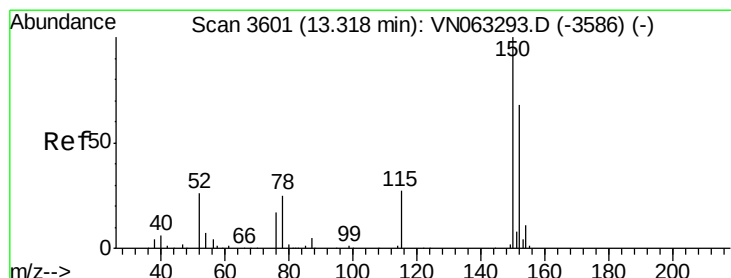
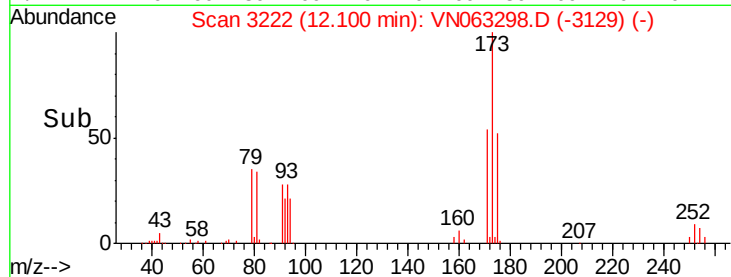
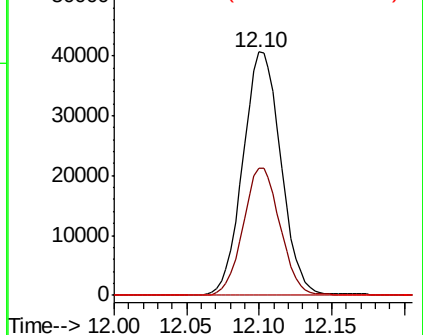
254 0.0 0.0 0.0



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: 13.32 min Scan# 3601

Delta R.T. -0.00 min

Lab File: VN063298.D

Acq: 10 Sep 2020 16:59

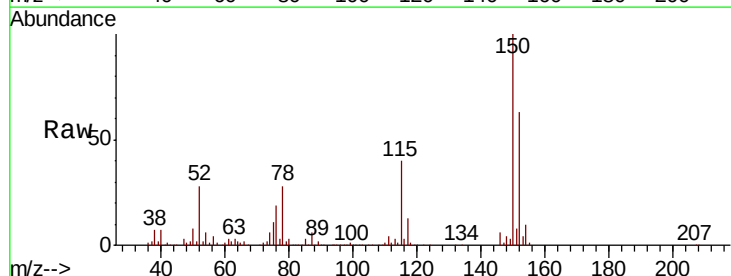
Tgt Ion:152 Resp: 332663

Ion Ratio Lower Upper

152 100

115 63.3 31.5 94.5

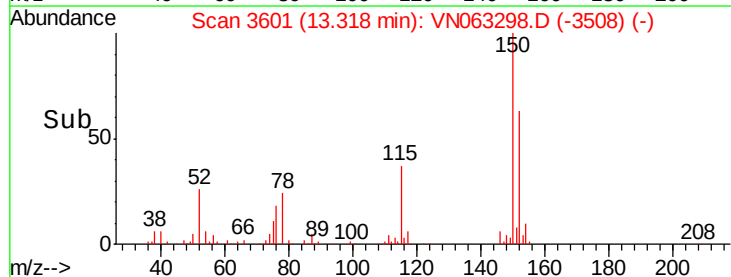
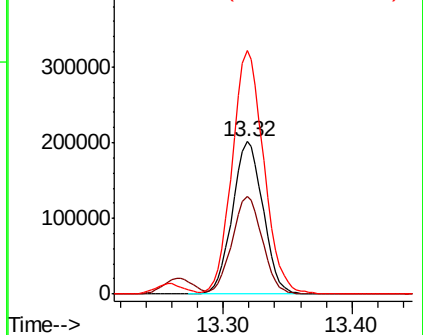
150 164.4 0.0 344.0

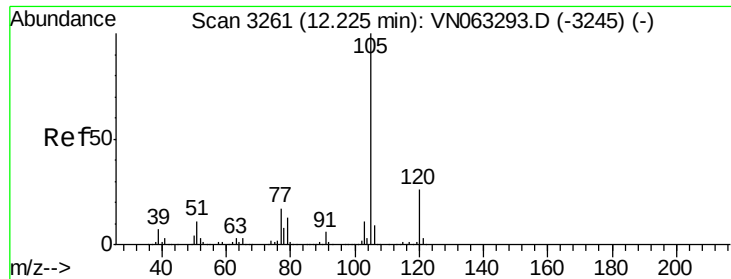


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.155 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. -0.00 min

Lab File: VN063298.D

Acq: 10 Sep 2020 16:59

Instrument :

MSVOA_N

ClientSampleId :

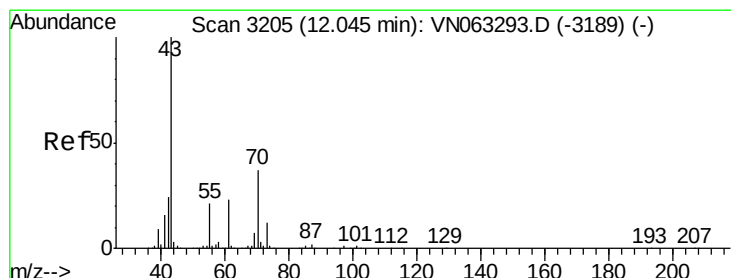
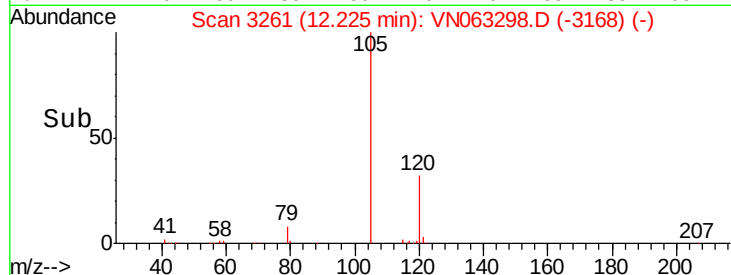
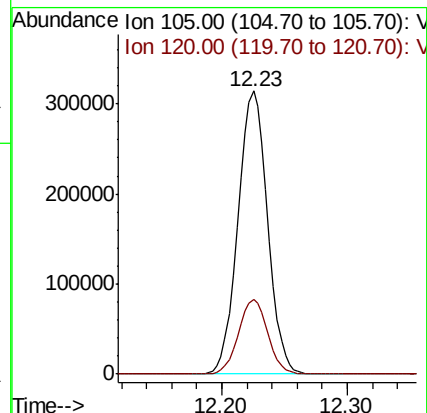
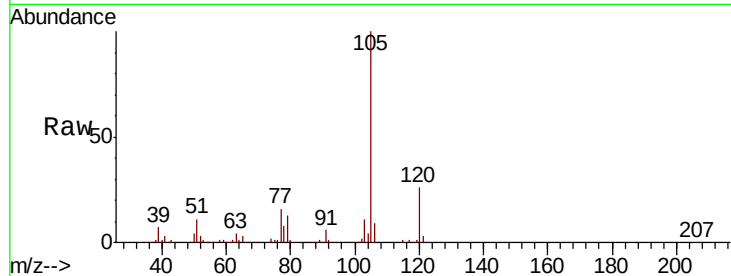
VN0910MBS01

Tot Ion:105 Resp: 513965

Ion Ratio Lower Upper

105 100

120 26.1 13.0 38.9



#74

N-ethyl acetate

Concen: 20.276 ug/l

RT: 12.04 min Scan# 3205

Delta R.T. -0.00 min

Lab File: VN063298.D

Acq: 10 Sep 2020 16:59

Tgt Ion: 43 Resp: 223366

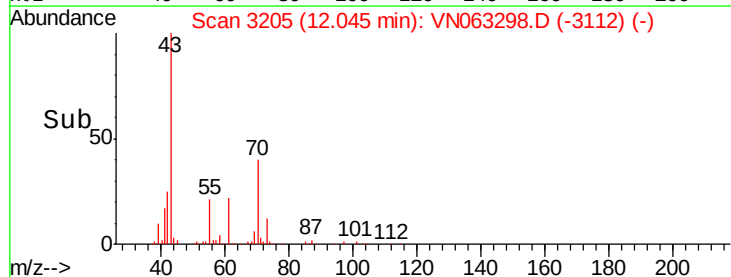
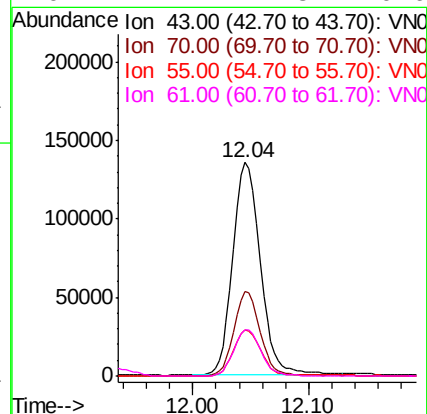
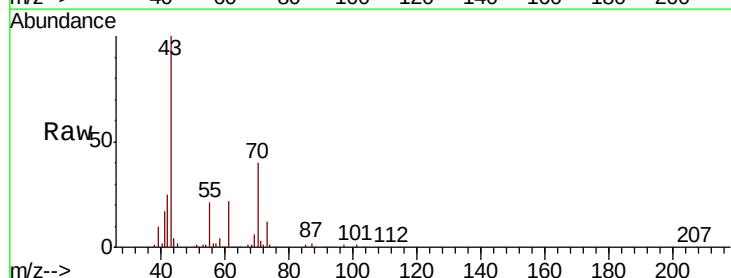
Ion Ratio Lower Upper

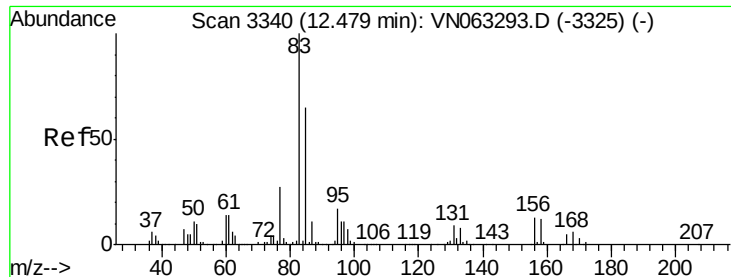
43 100

70 37.7 29.3 43.9

55 21.8 17.0 25.6

61 21.7 17.8 26.6





#75

1,1,2,2-Tetrachloroethane

Concen: 19.000 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. -0.00 min

Lab File: VN063298.D

Acq: 10 Sep 2020 16:59

Instrument :

MSVOA_N

ClientSampleId :

VN0910MBS01

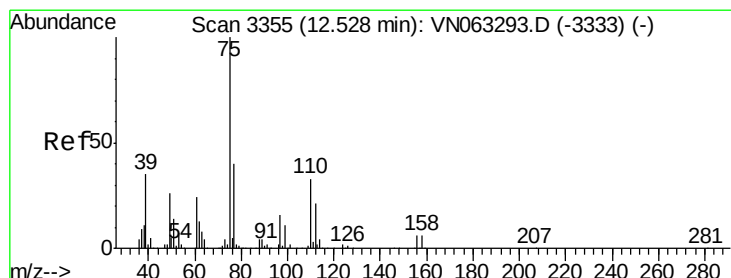
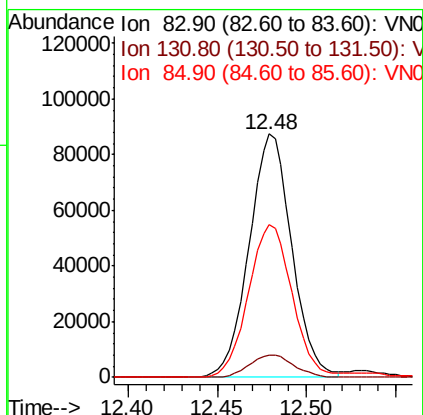
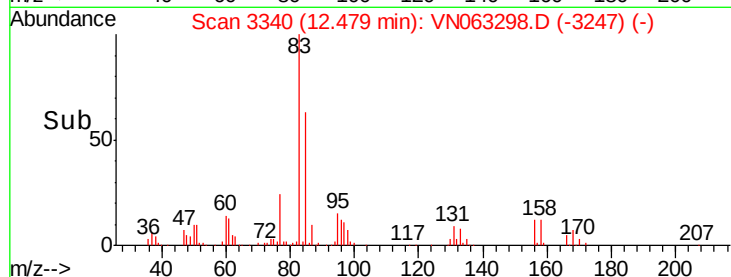
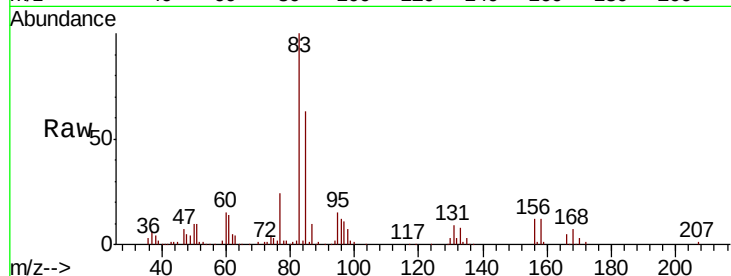
Tot Ion: 83 Resp: 146012

Ion Ratio Lower Upper

83 100

131 9.7 4.7 14.1

85 64.8 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 28.252 ug/l

RT: 12.53 min Scan# 3356

Delta R.T. 0.00 min

Lab File: VN063298.D

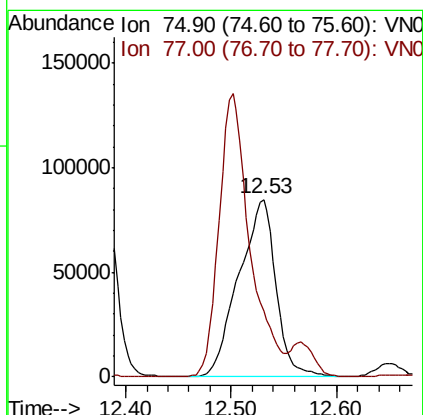
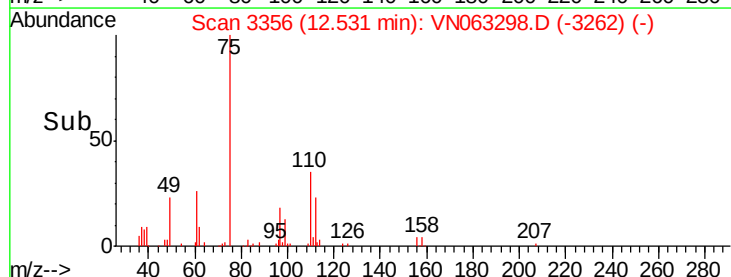
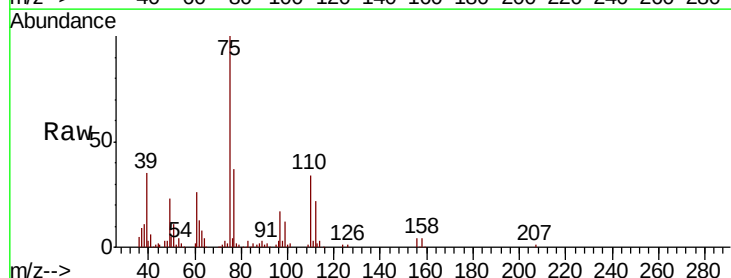
Acq: 10 Sep 2020 16:59

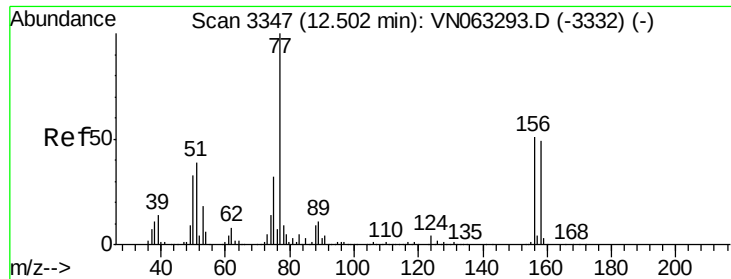
Tgt Ion: 75 Resp: 207340

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.021 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. -0.00 min

Lab File: VN063298.D

Acq: 10 Sep 2020 16:59

Instrument :

MSVOA_N

ClientSampled :

VN0910MBS01

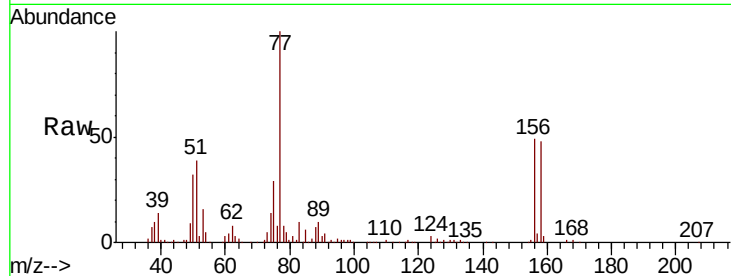
Tot Ion:156 Resp: 117320

Ion Ratio Lower Upper

156 100

77 235.1 117.4 352.2

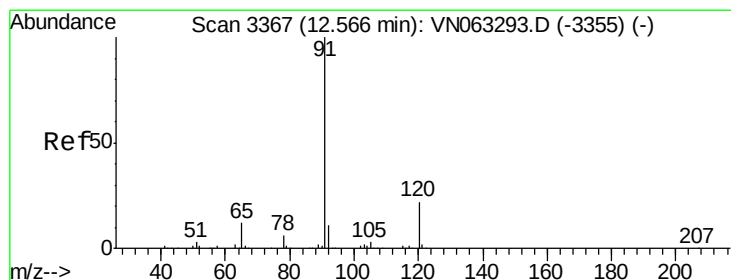
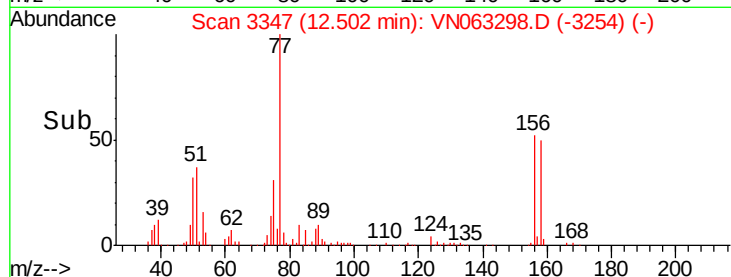
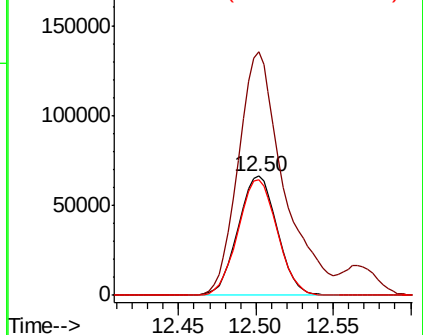
158 97.0 48.8 146.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.578 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063298.D

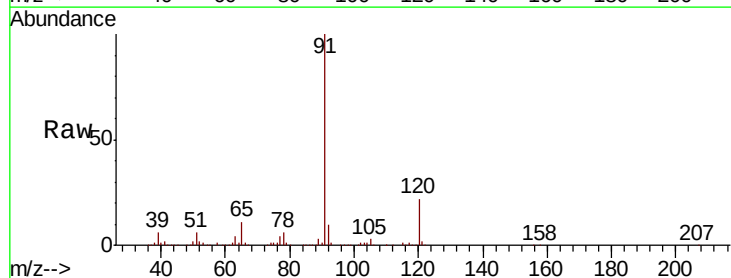
Acq: 10 Sep 2020 16:59

Tgt Ion: 91 Resp: 596776

Ion Ratio Lower Upper

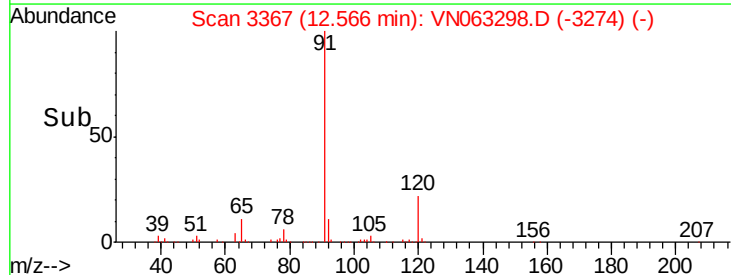
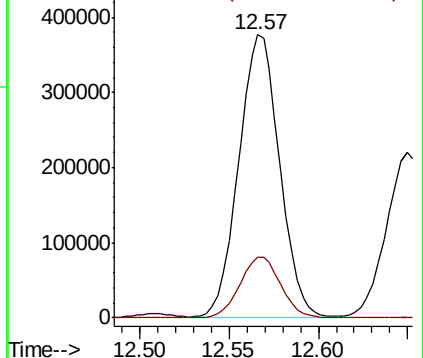
91 100

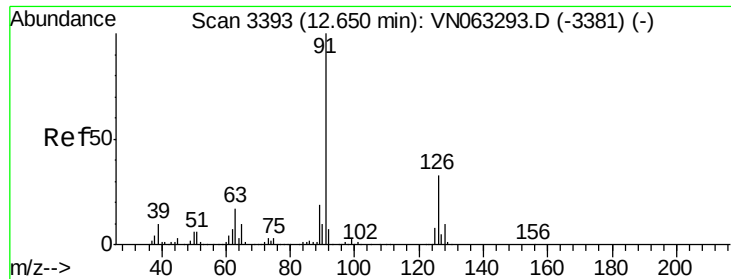
120 21.8 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.202 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. -0.00 min

Lab File: VN063298.D

Acq: 10 Sep 2020 16:59

Instrument :

MSVOA_N

ClientSampleId :

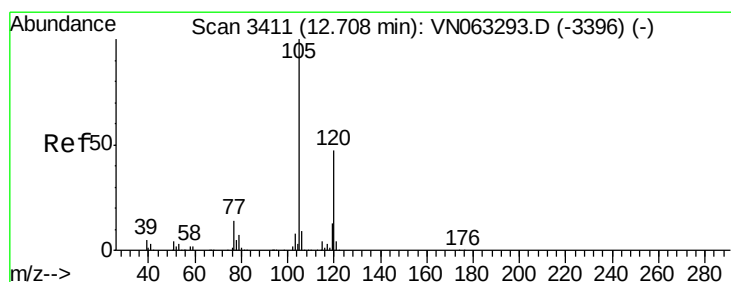
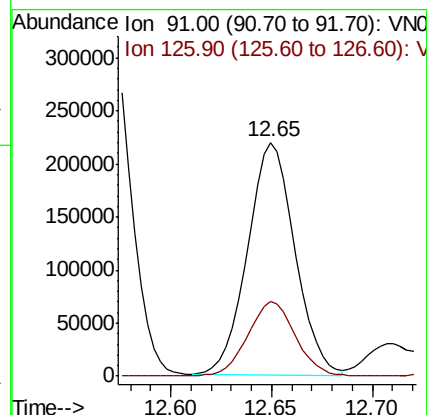
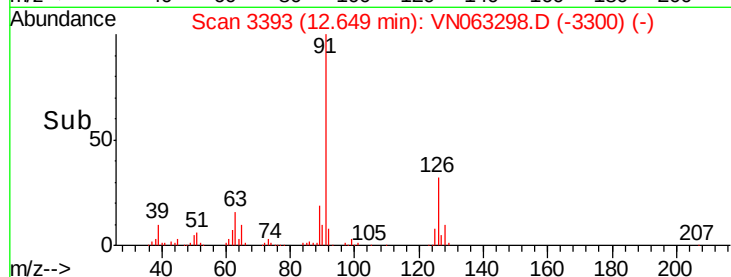
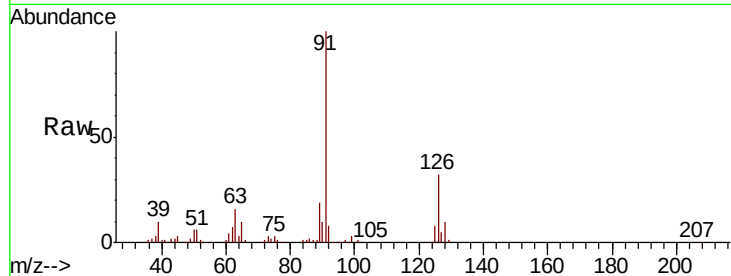
VN0910MBS01

Tot Ion: 91 Resp: 359897

Ion Ratio Lower Upper

91 100

126 32.4 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 19.390 ug/l

RT: 12.71 min Scan# 3412

Delta R.T. 0.00 min

Lab File: VN063298.D

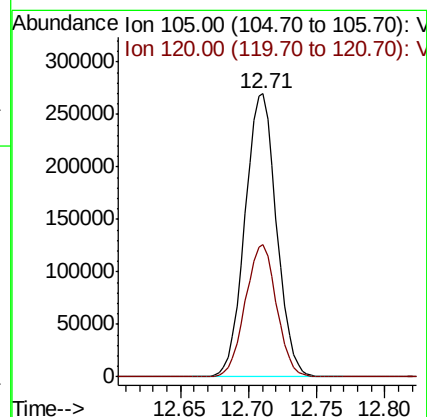
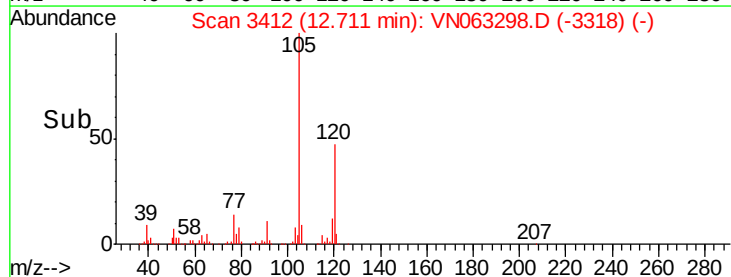
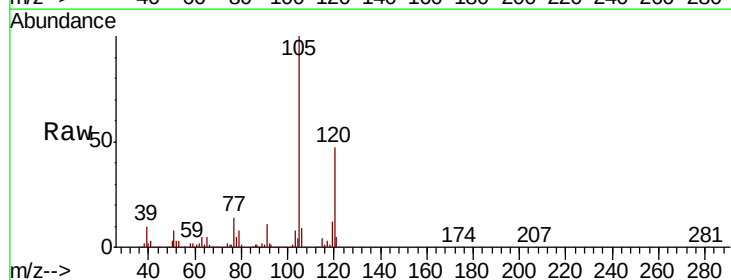
Acq: 10 Sep 2020 16:59

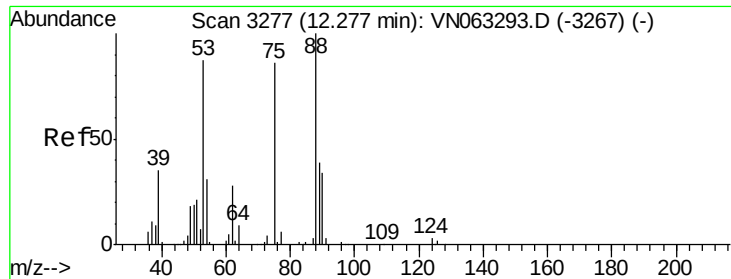
Tgt Ion: 105 Resp: 432011

Ion Ratio Lower Upper

105 100

120 46.7 23.4 70.0





#81

trans-1,4-Dichloro-2-butene

Concen: 18.858 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. -0.00 min

Lab File: VN063298.D

Acq: 10 Sep 2020 16:59

Instrument :

MSVOA_N

ClientSampleId :

VN0910MBS01

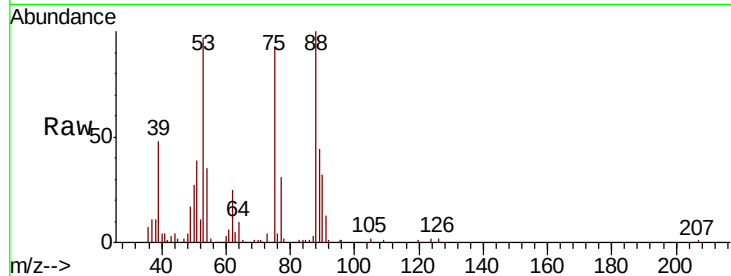
Tot Ion: 75 Resp: 51512

Ion Ratio Lower Upper

75 100

53 105.1 81.8 122.8

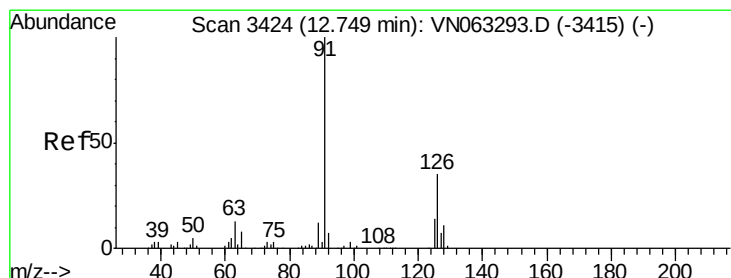
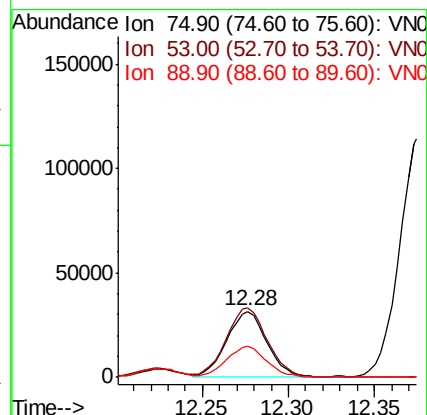
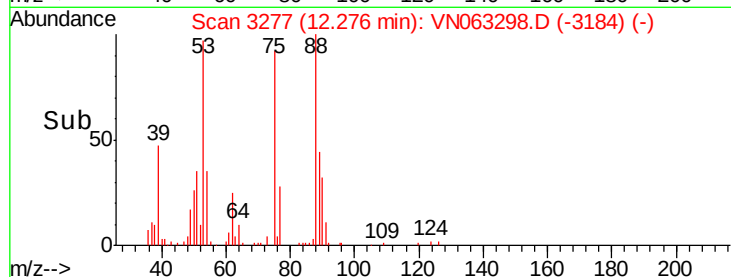
89 47.2 36.7 55.1



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 18.790 ug/l

RT: 12.75 min Scan# 3424

Delta R.T. -0.00 min

Lab File: VN063298.D

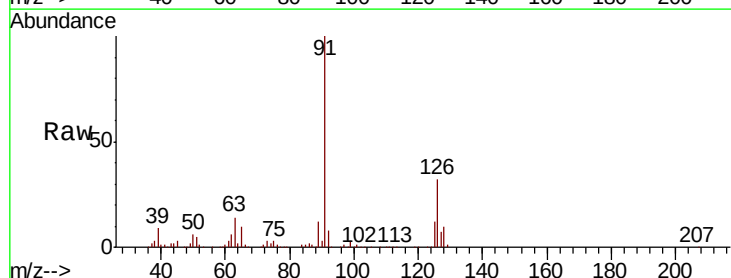
Acq: 10 Sep 2020 16:59

Tgt Ion: 91 Resp: 369159

Ion Ratio Lower Upper

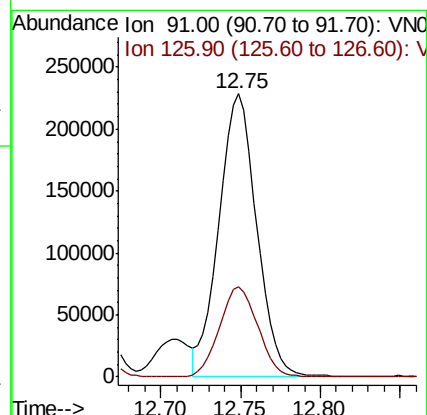
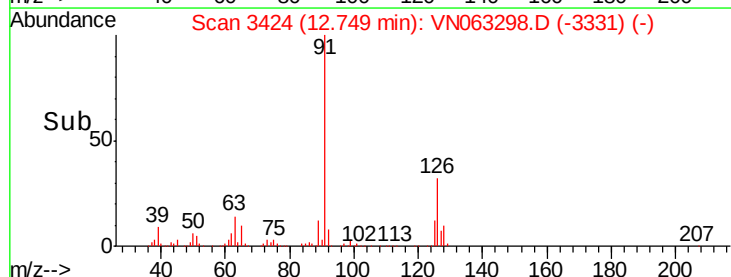
91 100

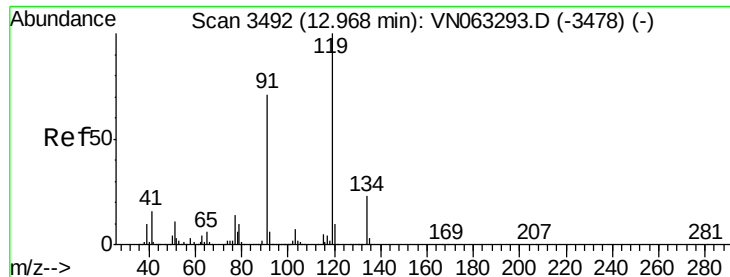
126 32.4 15.9 47.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

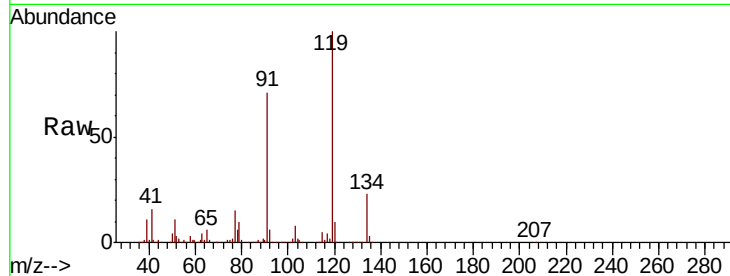




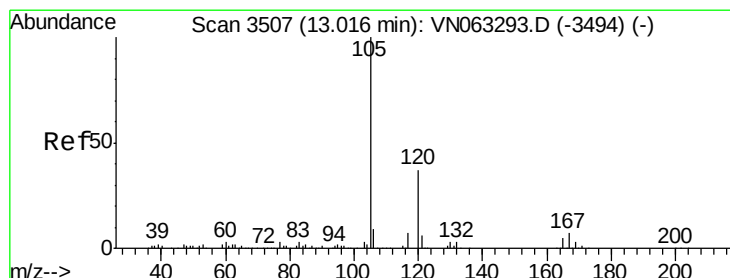
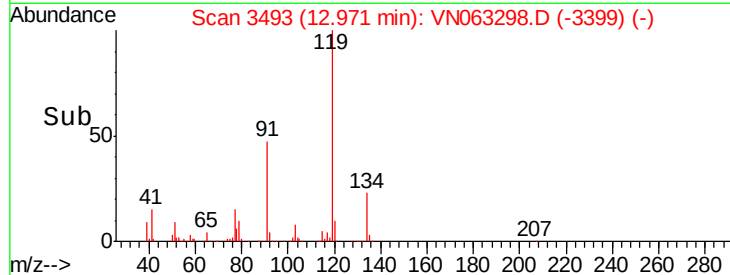
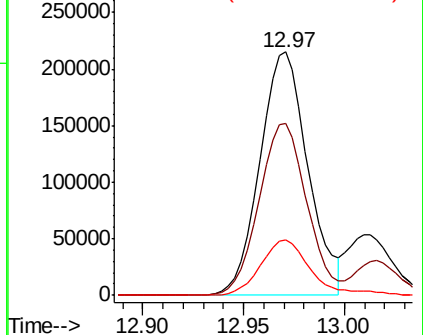
#83
 tert-Butylbenzene
 Concen: 18.904 ug/l
 RT: 12.97 min Scan# 3493
 Delta R.T. 0.00 min
 Lab File: VN063298.D
 Acq: 10 Sep 2020 16:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0910MBS01

Tot Ion:119 Resp: 357204
 Ion Ratio Lower Upper
 119 100
 91 69.8 34.8 104.3
 134 23.8 11.9 35.5

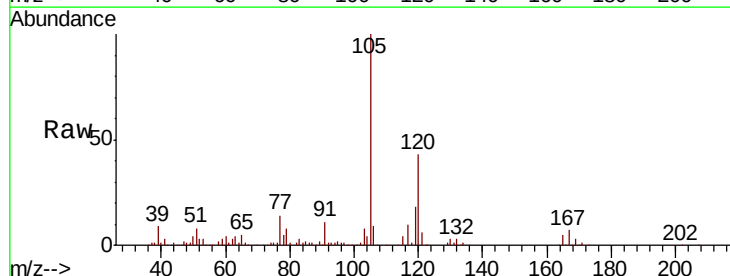


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

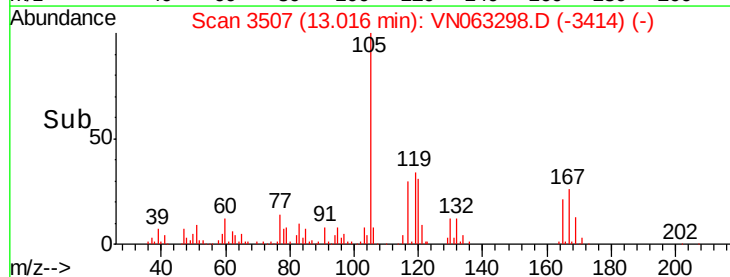
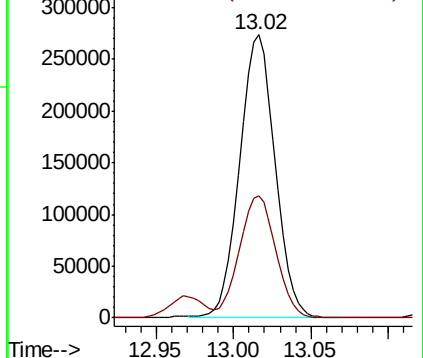


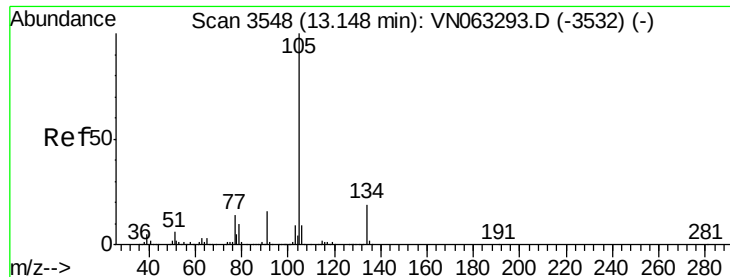
#84
 1,2,4-Trimethylbenzene
 Concen: 19.304 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. -0.00 min
 Lab File: VN063298.D
 Acq: 10 Sep 2020 16:59

Tgt Ion:105 Resp: 433521
 Ion Ratio Lower Upper
 105 100
 120 44.7 21.8 65.4



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





#85

sec-Butylbenzene

Concen: 19.498 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. -0.00 min

Lab File: VN063298.D

Acq: 10 Sep 2020 16:59

Instrument :

MSVOA_N

ClientSampleId :

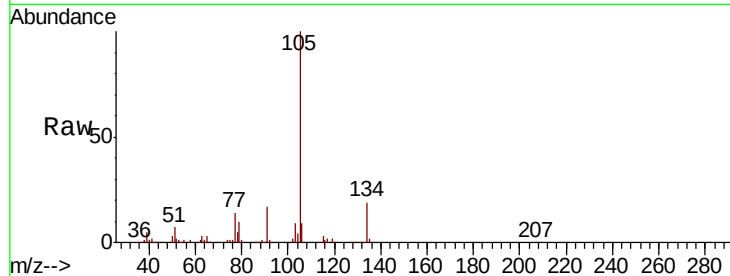
VN0910MBS01

Tot Ion:105 Resp: 468740

Ion Ratio Lower Upper

105 100

134 19.3 9.4 28.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.15

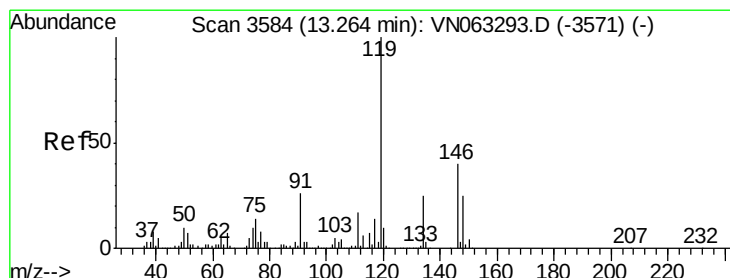
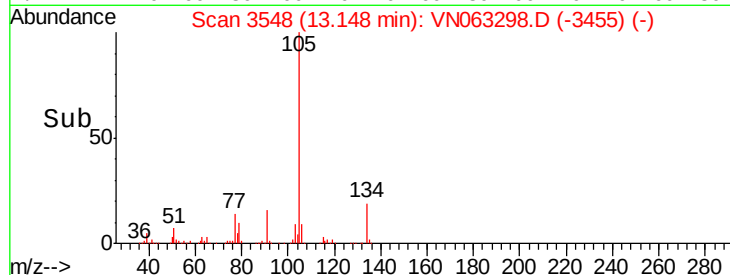
300000

200000

100000

0

Time--> 13.05 13.10 13.15 13.20



#86

p-Isopropyltoluene

Concen: 19.290 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. -0.00 min

Lab File: VN063298.D

Acq: 10 Sep 2020 16:59

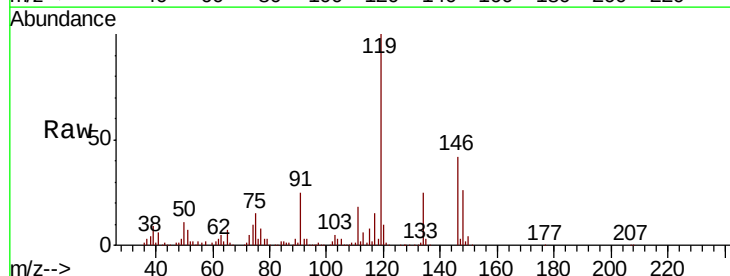
Tgt Ion:119 Resp: 425142

Ion Ratio Lower Upper

119 100

134 25.3 12.6 37.8

91 25.3 12.8 38.3



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.26

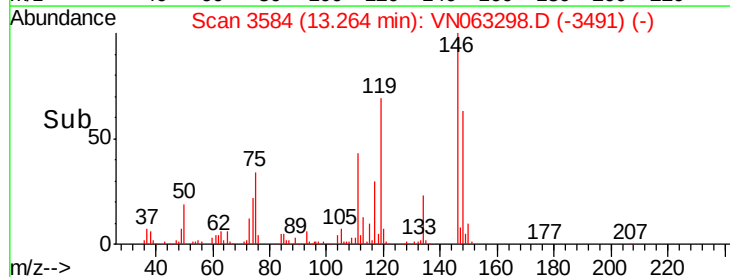
300000

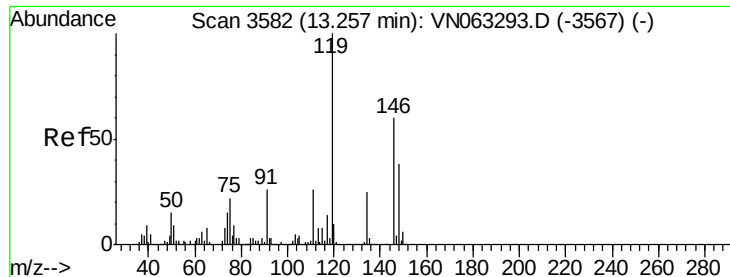
200000

100000

0

Time--> 13.20 13.30





#87

1,3-Dichlorobenzene

Concen: 18.757 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. -0.00 min

Lab File: VN063298.D

Acq: 10 Sep 2020 16:59

Instrument :

MSVOA_N

ClientSampleId :

VN0910MBS01

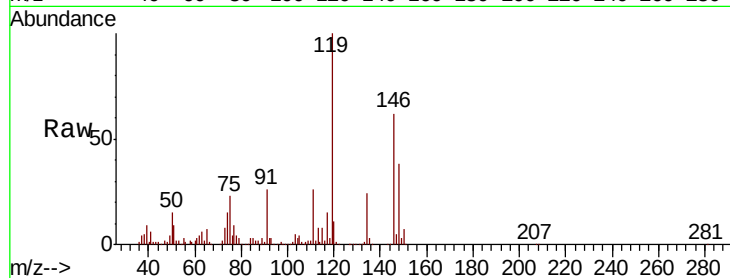
Tot Ion:146 Resp: 211497

Ion Ratio Lower Upper

146 100

111 42.6 21.8 65.4

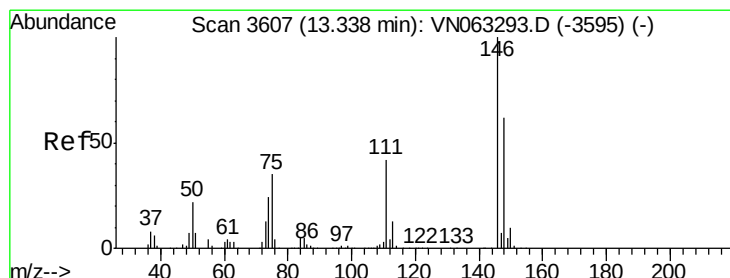
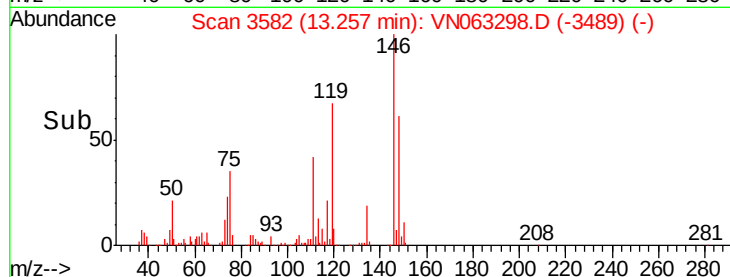
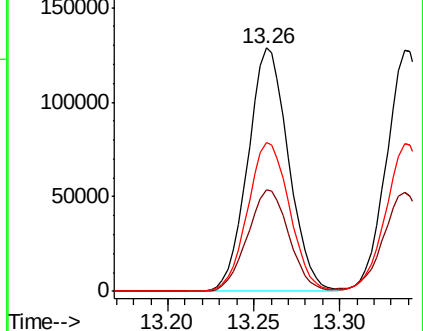
148 62.9 31.8 95.4



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 19.000 ug/l

RT: 13.34 min Scan# 3607

Delta R.T. 0.00 min

Lab File: VN063298.D

Acq: 10 Sep 2020 16:59

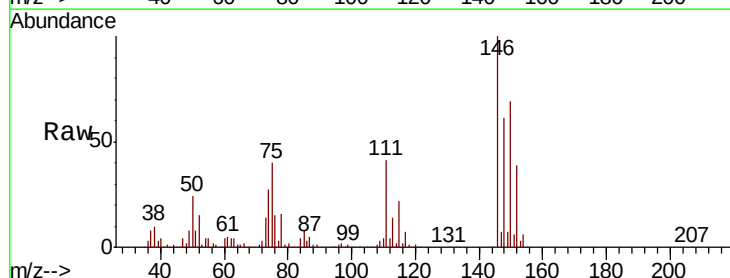
Tgt Ion:146 Resp: 211672

Ion Ratio Lower Upper

146 100

111 43.5 21.3 64.0

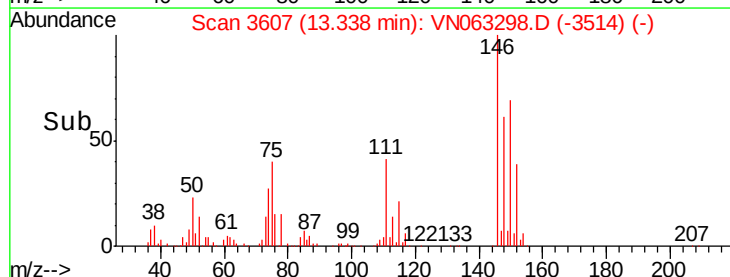
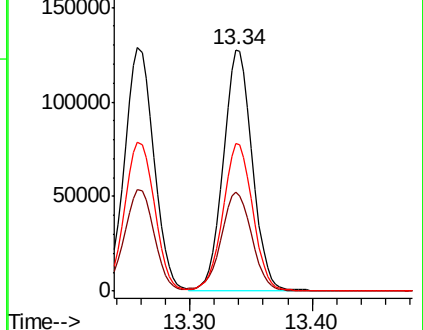
148 63.0 31.5 94.5

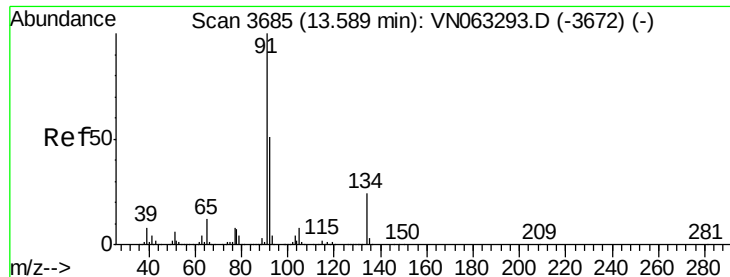


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

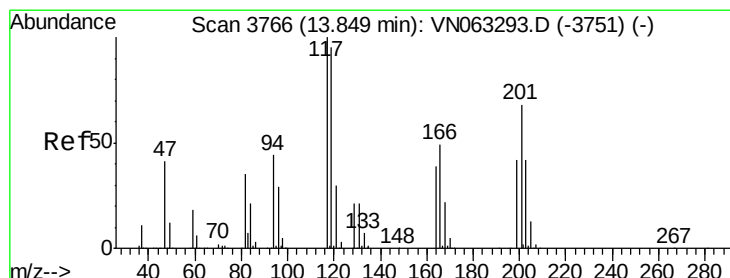
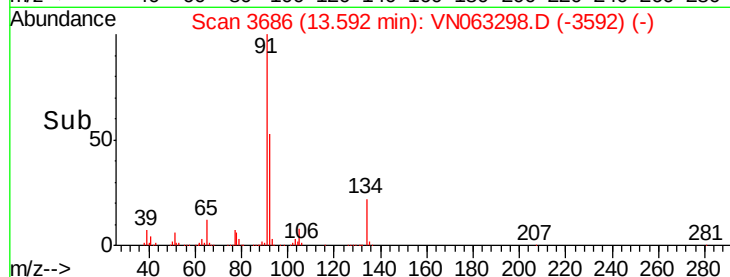
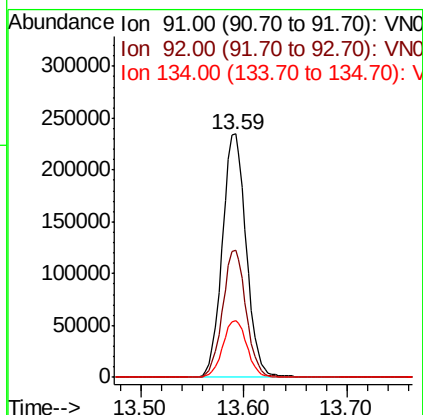
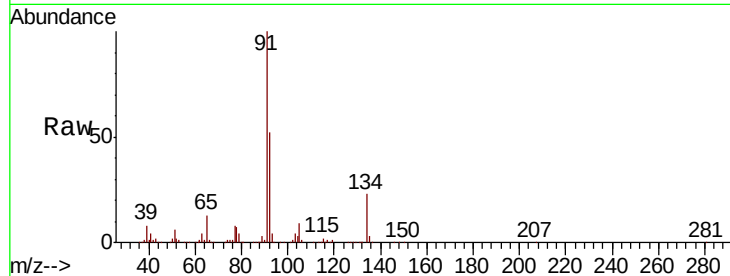




#89
n-Butylbenzene
Concen: 19.090 ug/l
RT: 13.59 min Scan# 3686
Delta R.T. 0.00 min
Lab File: VN063298.D
Acq: 10 Sep 2020 16:59

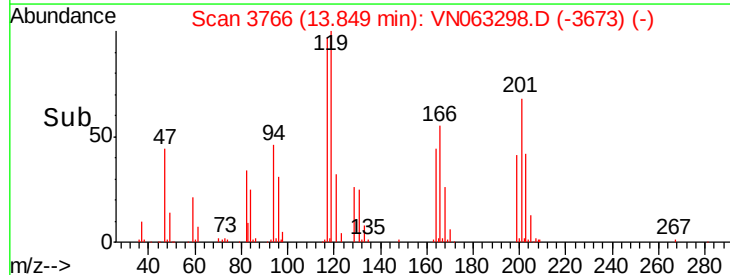
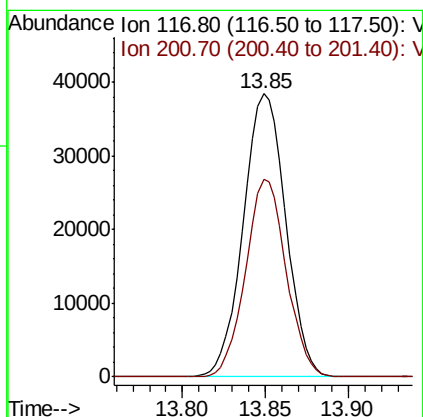
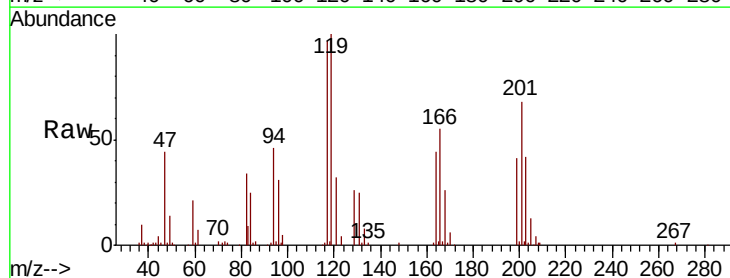
Instrument :
MSVOA_N
ClientSampled :
VN0910MBS01

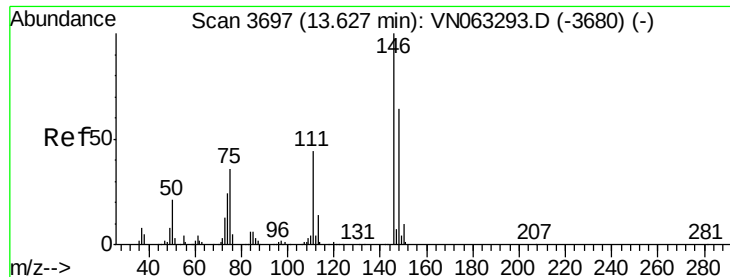
Tot Ion: 91 Resp: 379794
Ion Ratio Lower Upper
91 100
92 50.9 25.8 77.3
134 23.5 12.0 36.0



#90
Hexachloroethane
Concen: 18.857 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. -0.00 min
Lab File: VN063298.D
Acq: 10 Sep 2020 16:59

Tgt Ion: 117 Resp: 68363
Ion Ratio Lower Upper
117 100
201 66.7 33.5 100.4

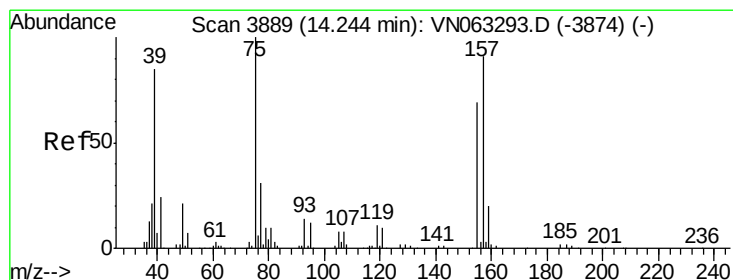
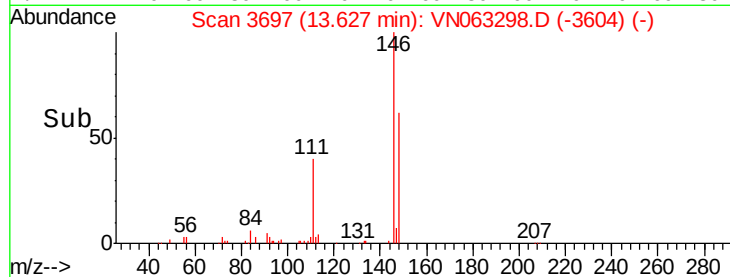
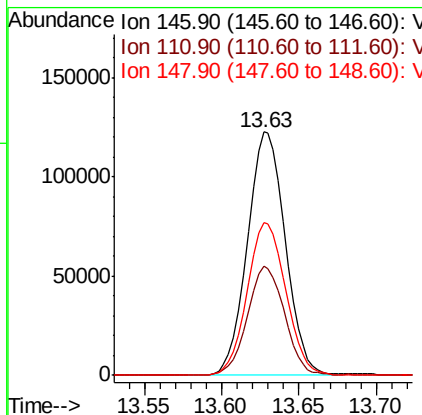
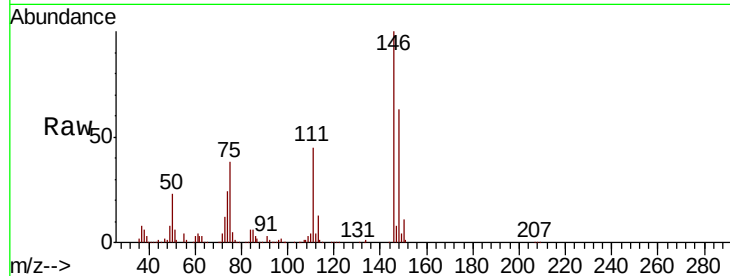




#91
 1,2-Dichlorobenzene
 Concen: 18.781 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. -0.00 min
 Lab File: VN063298.D
 Acq: 10 Sep 2020 16:59

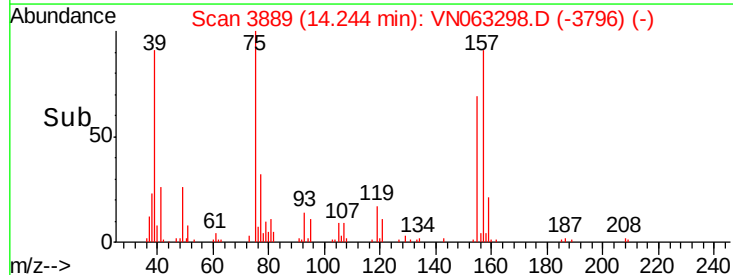
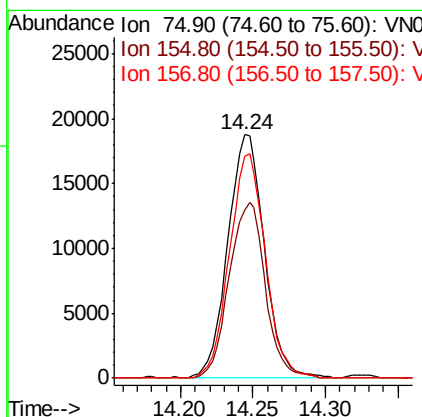
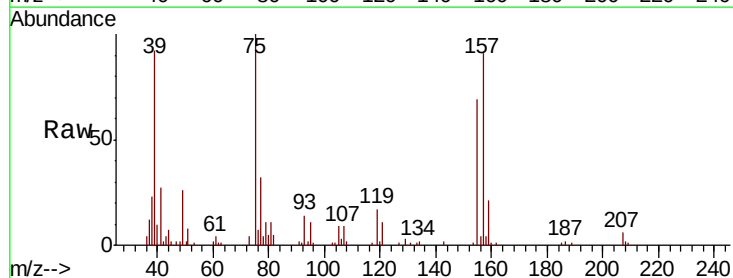
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0910MBS01

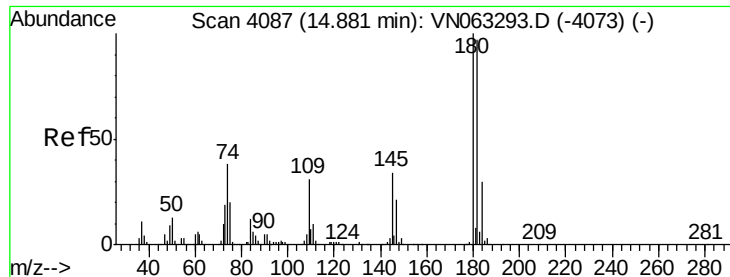
Tot Ion	Ratio	Lower	Upper
146	100		
111	44.0	22.1	66.5
148	64.0	31.8	95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.812 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. -0.00 min
 Lab File: VN063298.D
 Acq: 10 Sep 2020 16:59

Tgt Ion	Ratio	Lower	Upper
75	100		
155	71.2	35.3	105.7
157	90.5	46.7	140.0

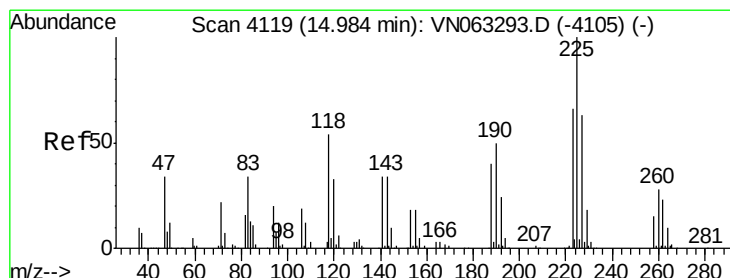
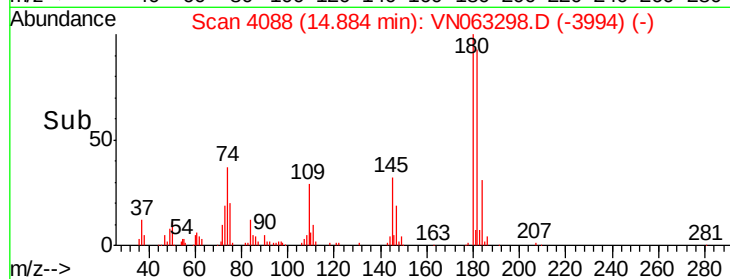
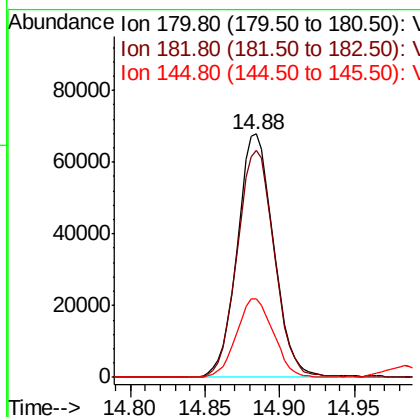
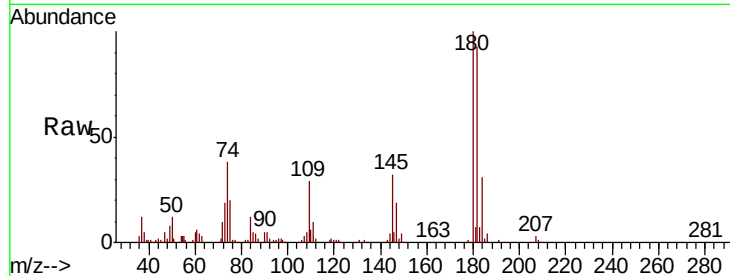




#93
 1,2,4-Trichlorobenzene
 Concen: 17.613 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN063298.D
 Acq: 10 Sep 2020 16:59

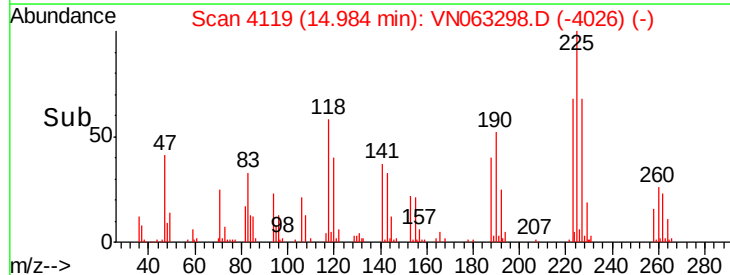
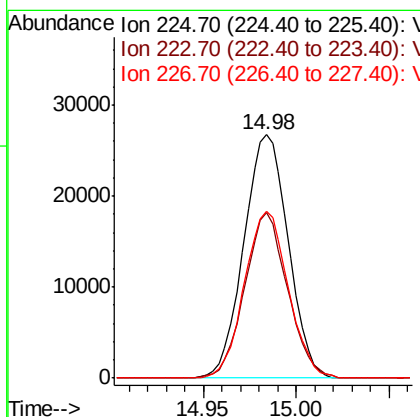
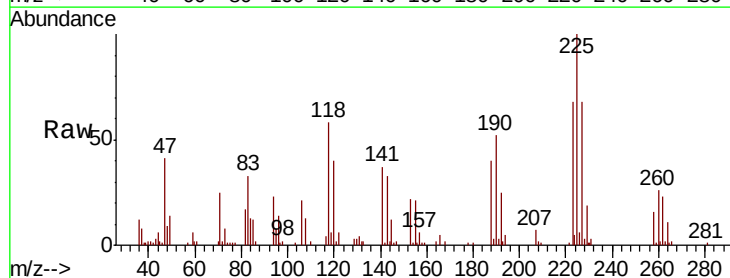
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0910MBS01

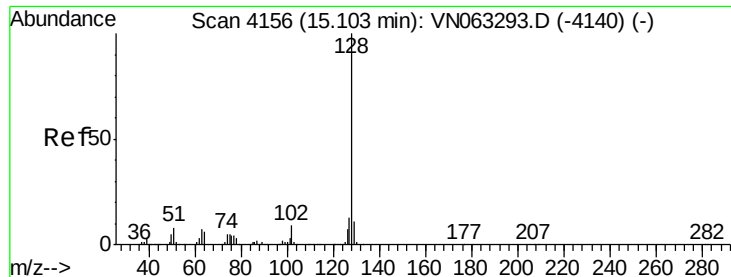
Tot Ion:180 Resp: 114893
 Ion Ratio Lower Upper
 180 100
 182 94.8 48.0 144.2
 145 32.8 16.6 49.8



#94
 Hexachlorobutadiene
 Concen: 18.040 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. -0.00 min
 Lab File: VN063298.D
 Acq: 10 Sep 2020 16:59

Tgt Ion:225 Resp: 44328
 Ion Ratio Lower Upper
 225 100
 223 65.7 31.3 93.9
 227 67.6 31.2 93.6





#95

Naphthalene

Concen: 18.165 ug/l

RT: 15.11 min Scan# 4157

Delta R.T. 0.00 min

Lab File: VN063298.D

Acq: 10 Sep 2020 16:59

Instrument :

MSVOA_N

ClientSampleId :

VN0910MBS01

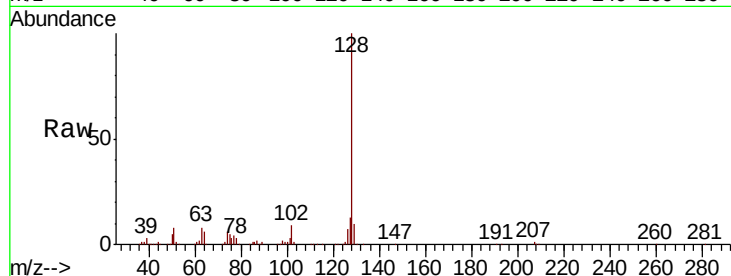
Tot Ion:128 Resp: 362786

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

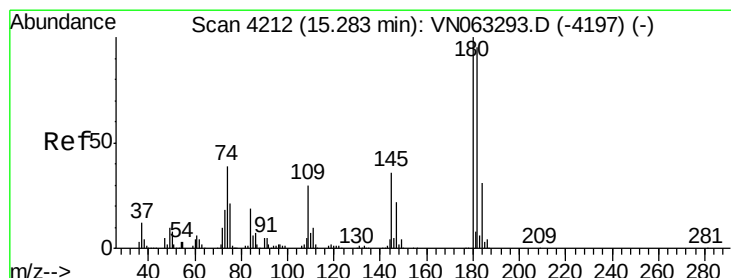
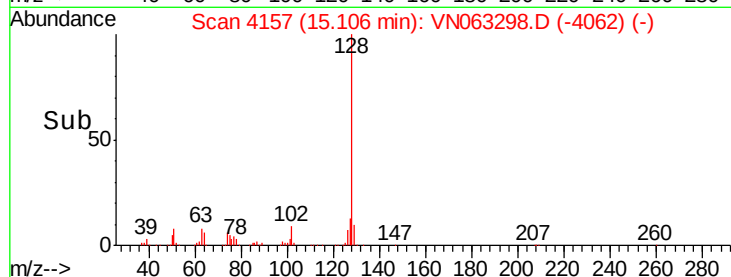
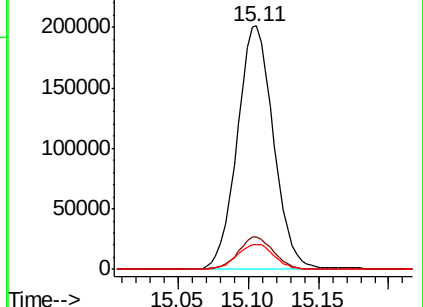
129 10.5 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.689 ug/l

RT: 15.29 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN063298.D

Acq: 10 Sep 2020 16:59

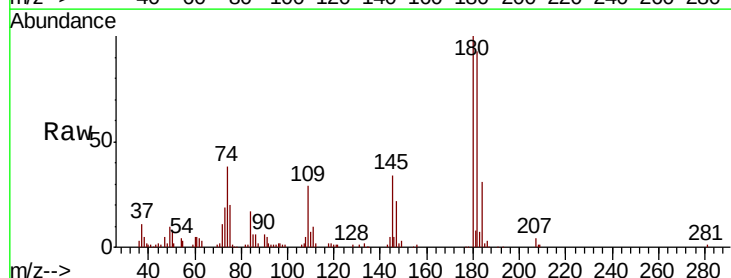
Tgt Ion:180 Resp: 112497

Ion Ratio Lower Upper

180 100

182 92.5 47.4 142.3

145 33.8 17.2 51.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

