

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN083120\
 Data File : VN063151.D
 Acq On : 31 Aug 2020 14:35
 Operator : JC/MD
 Sample : VSTDIC100
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Quant Time: Sep 01 02:49:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 01 02:43:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	462182	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	874038	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	803402	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	393531	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	759803	113.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	226.56%	
35) Dibromofluoromethane	7.55	113	578588	81.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	163.70%	
50) Toluene-d8	10.06	98	2255178	87.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	174.82%	
62) 4-Bromofluorobenzene	12.38	95	820256	92.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	184.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	436403	87.227	ug/l	97
3) Chloromethane	2.03	50	607944	94.148	ug/l	99
4) Vinyl Chloride	2.17	62	710713	102.025	ug/l	99
5) Bromomethane	2.53	94	609901	127.255	ug/l	98
6) Chloroethane	2.67	64	579487	120.708	ug/l	99
7) Trichlorofluoromethane	2.98	101	1043458	107.841	ug/l	98
8) Diethyl Ether	3.38	74	341670	103.238	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	491888	86.026	ug/l	99
10) Methyl Iodide	3.91	142	707218	93.096	ug/l	100
11) Tert butyl alcohol	4.73	59	462111	810.011	ug/l	100
12) 1,1-Dichloroethene	3.70	96	499754	97.503	ug/l	97
13) Acrolein	3.57	56	191325	635.898	ug/l	99
14) Allyl chloride	4.28	41	945899	113.906	ug/l	99
15) Acrylonitrile	4.93	53	1298313	612.875	ug/l	99
16) Acetone	3.78	43	1062793	595.081	ug/l	99
17) Carbon Disulfide	4.01	76	1524192	99.320	ug/l	97
18) Methyl Acetate	4.28	43	567511	89.054	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	1909120	128.861	ug/l	98
20) Methylene Chloride	4.51	84	601562	93.993	ug/l	92
21) trans-1,2-Dichloroethene	4.99	96	592019	108.022	ug/l	96
22) Diisopropyl ether	5.90	45	2069647	121.992	ug/l	93
23) Vinyl Acetate	5.84	43	8369024	674.815	ug/l	96
24) 1,1-Dichloroethane	5.80	63	1136656	106.113	ug/l	99
25) 2-Butanone	6.78	43	1769348	683.452	ug/l	99
26) 2,2-Dichloropropane	6.78	77	979542	115.014	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	687998	113.459	ug/l	99
28) Bromochloromethane	7.15	49	569678	115.417	ug/l	99
29) Tetrahydrofuran	7.16	42	1194924	725.161	ug/l	99
30) Chloroform	7.33	83	1174253	106.655	ug/l	98
31) Cyclohexane	7.61	56	985281	98.426	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	1051000	109.810	ug/l	99
36) 1,1-Dichloropropene	7.75	75	887022	92.855	ug/l	99
37) Ethyl Acetate	6.88	43	808312	116.459	ug/l #	96
38) Carbon Tetrachloride	7.73	117	904545	88.297	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	975736	97.637	ug/l	99
40) Benzene	8.00	78	2569771	88.187	ug/l	100
41) Methacrylonitrile	7.12	41	385020	111.564	ug/l	98
42) 1,2-Dichloroethane	8.08	62	956085	97.049	ug/l	100
43) Isopropyl Acetate	8.13	43	1462771	120.390	ug/l #	91
44) Trichloroethene	8.80	130	628919	83.093	ug/l	98
45) 1,2-Dichloropropane	9.08	63	657945	83.890	ug/l	99
46) Dibromomethane	9.17	93	452926	91.975	ug/l	98
47) Bromodichloromethane	9.37	83	973857	95.211	ug/l	100
48) Methyl methacrylate	9.17	41	676126	112.703	ug/l	97
49) 1,4-Dioxane	9.16	88	189330	2222.361	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	3908585	577.880	ug/l	96
52) Toluene	10.13	92	1666266	96.100	ug/l	96
53) t-1,3-Dichloropropene	10.35	75	1109927	107.776	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	1161060	103.653	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	615874	85.629	ug/l	98
56) Ethyl methacrylate	10.40	69	985618	114.683	ug/l	98
57) 1,3-Dichloropropane	10.68	76	1104546	96.364	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	2473758	620.871	ug/l	99
59) 2-Hexanone	10.72	43	2916396	635.384	ug/l	99
60) Dibromochloromethane	10.87	129	721185	91.778	ug/l	100
61) 1,2-Dibromoethane	10.98	107	663105	97.816	ug/l	98
64) Tetrachloroethene	10.60	164	566145	80.491	ug/l	98
65) Chlorobenzene	11.41	112	1719096	86.972	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	647897	84.476	ug/l	98
67) Ethyl Benzene	11.49	91	3126131	96.518	ug/l	97
68) m/p-Xylenes	11.59	106	2421451	199.472	ug/l	90
69) o-Xylene	11.92	106	1155246	98.767	ug/l	99
70) Styrene	11.94	104	2048206	107.574	ug/l	100
71) Bromoform	12.10	173	474934	88.169	ug/l #	97
73) Isopropylbenzene	12.23	105	3065065	100.958	ug/l	99
74) N-amyl acetate	12.05	43	1361310	138.031	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.48	83	890656	97.217	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	1221013	160.507	ug/l #	100
77) Bromobenzene	12.50	156	694524	85.158	ug/l	98
78) n-propylbenzene	12.57	91	3559979	102.933	ug/l	98
79) 2-Chlorotoluene	12.65	91	2152240	101.673	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	2604575	107.087	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.28	75	336039	132.176	ug/l	97
82) 4-Chlorotoluene	12.75	91	2279036	106.926	ug/l	99
83) tert-Butylbenzene	12.97	119	2192264	103.072	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	2644919	107.674	ug/l	99
85) sec-Butylbenzene	13.15	105	2906414	103.181	ug/l	99
86) p-Isopropyltoluene	13.27	119	2693427	111.492	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	1334125	93.213	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	1358143	93.981	ug/l	100
89) n-Butylbenzene	13.59	91	2430895	119.578	ug/l	99
90) Hexachloroethane	13.85	117	490599	91.455	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	1301369	92.411	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	187810	124.349	ug/l	99

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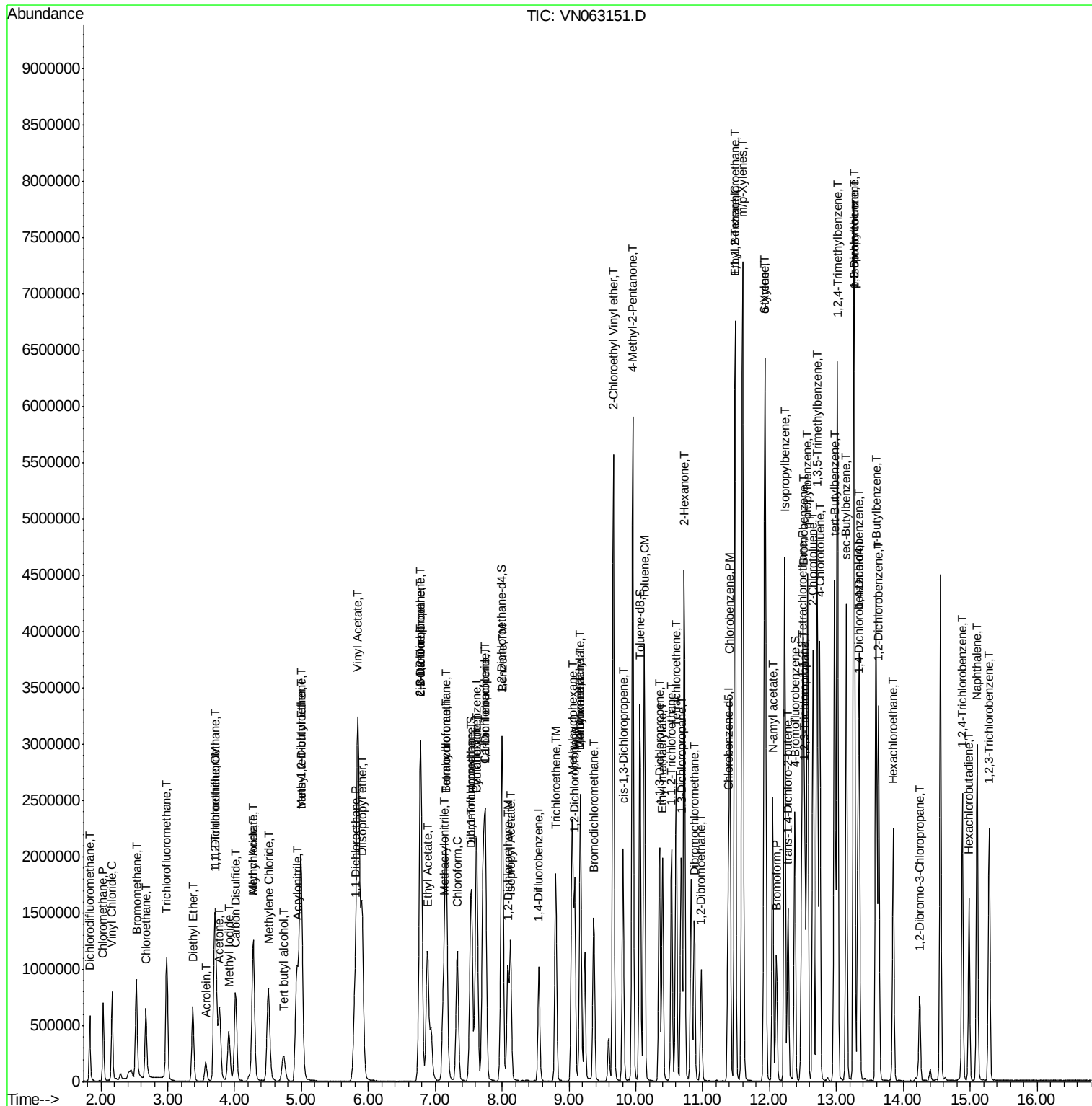
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	708212	108.551	ug/l	99
94) Hexachlorobutadiene	14.98	225	248689	56.631	ug/l	97
95) Naphthalene	15.11	128	2436875	153.303	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	675352	100.070	ug/l	99

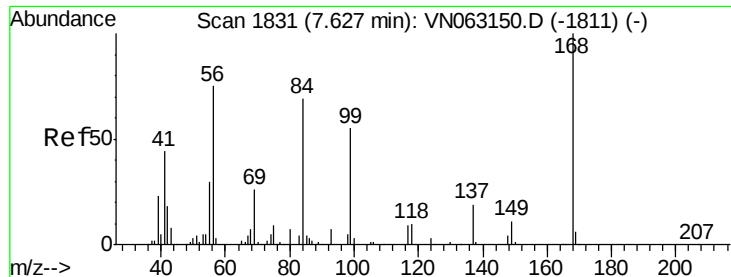
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN083120\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063151.D

Acq: 31 Aug 2020 14:35

Instrument :

MSVOA_N

ClientSampleId :

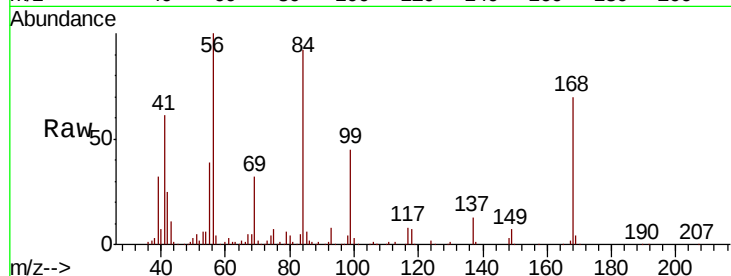
VSTDIC100

Tot Ion:168 Resp: 462182

Ion Ratio Lower Upper

168 100

99 64.1 54.2 81.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

300000

250000

200000

150000

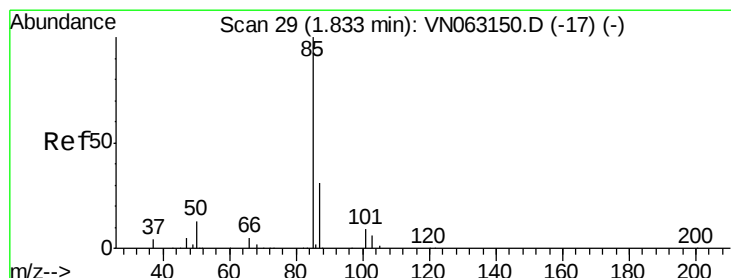
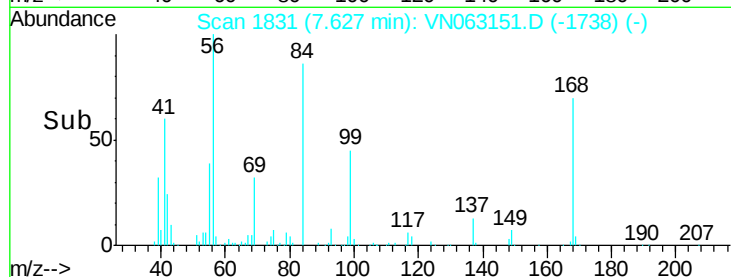
100000

50000

0

7.50 7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 87.227 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063151.D

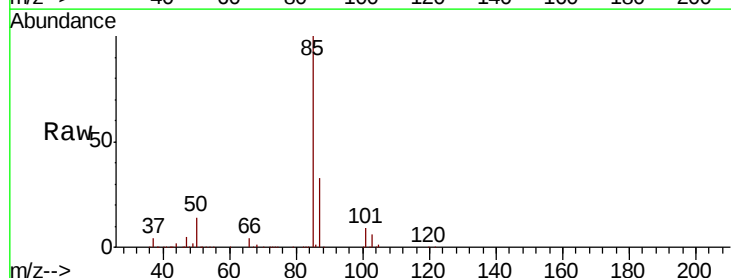
Acq: 31 Aug 2020 14:35

Tgt Ion: 85 Resp: 436403

Ion Ratio Lower Upper

85 100

87 32.9 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

300000

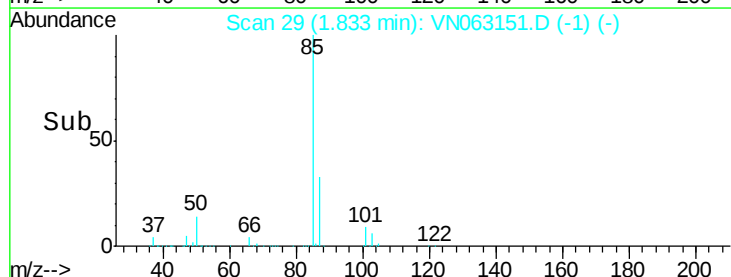
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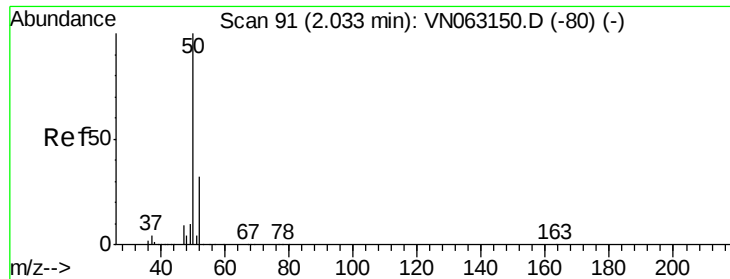
100000

0

1.75 1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 94.148 ug/l

RT: 2.03 min Scan# 91

Delta R.T. 0.00 min

Lab File: VN063151.D

Acq: 31 Aug 2020 14:35

Instrument :

MSVOA_N

ClientSampleId :

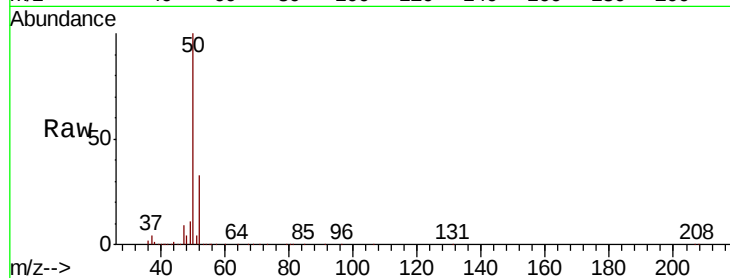
VSTDIC100

Tot Ion: 50 Resp: 607944

Ion Ratio Lower Upper

50 100

52 33.0 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VN063151.D (-1) (-)

Ion 51.90 (51.60 to 52.60): VN063151.D (-1) (-)

2.03

400000

300000

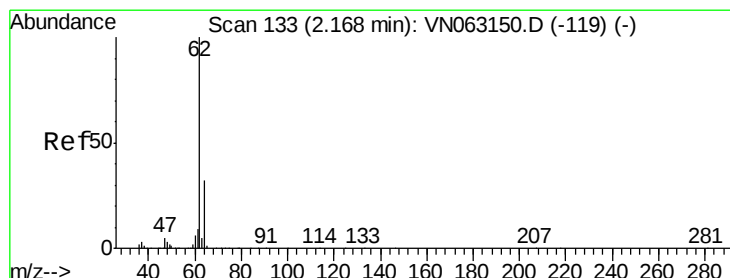
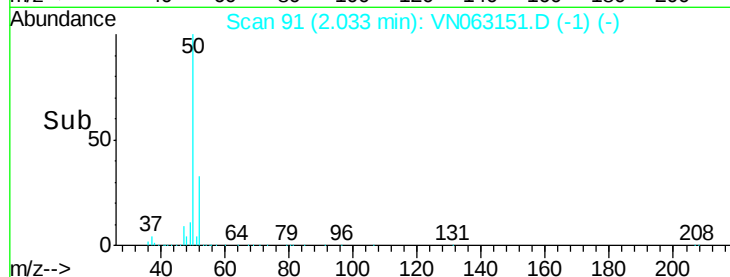
200000

100000

0

Time-->

1.95 2.00 2.05 2.10



#4

Vinyl Chloride

Concen: 102.025 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.00 min

Lab File: VN063151.D

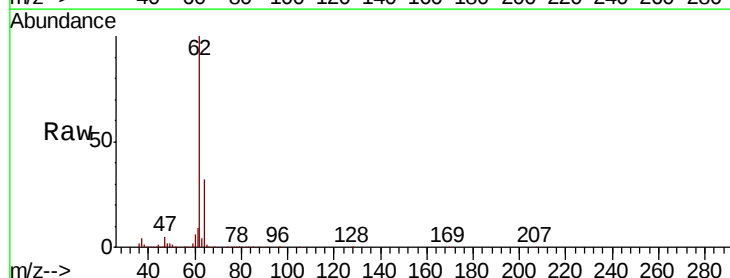
Acq: 31 Aug 2020 14:35

Tgt Ion: 62 Resp: 710713

Ion Ratio Lower Upper

62 100

64 31.5 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VN063151.D (-40) (-)

Ion 63.90 (63.60 to 64.60): VN063151.D (-40) (-)

2.17

500000

400000

300000

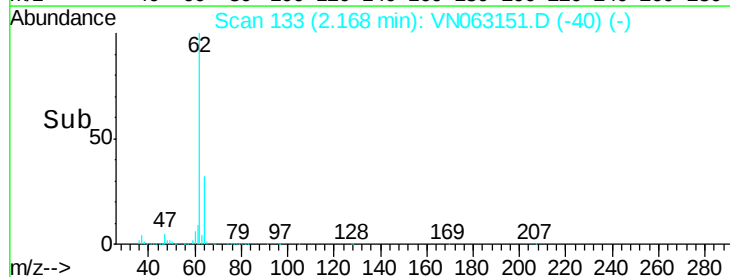
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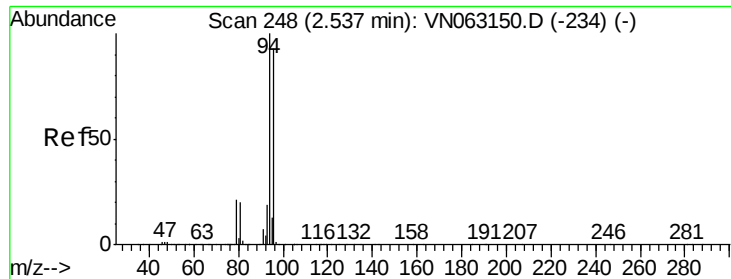
100000

0

Time-->

2.10 2.15 2.20 2.25





#5

Bromomethane

Concen: 127.255 ug/l

RT: 2.53 min Scan# 246

Delta R.T. -0.01 min

Lab File: VN063151.D

Acq: 31 Aug 2020 14:35

Instrument :

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ClientSampleId :

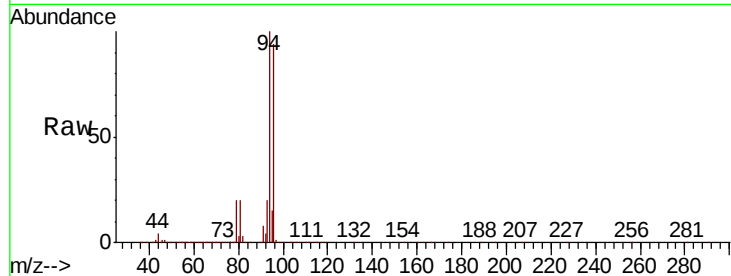
VSTDIC100

Tot Ion: 94 Resp: 609901

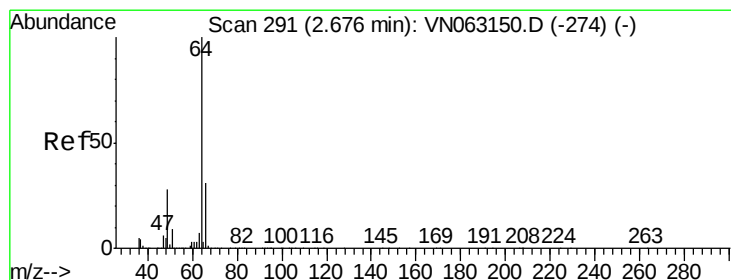
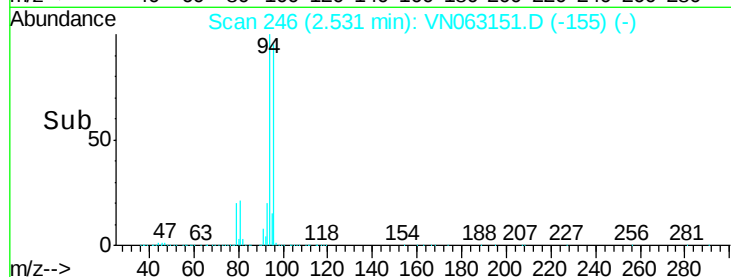
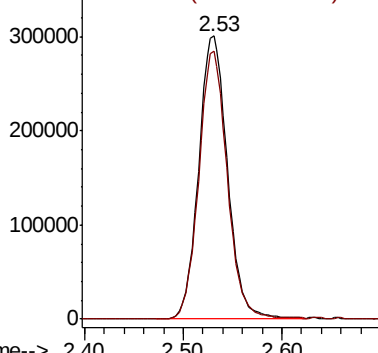
Ion Ratio Lower Upper

94 100

96 94.5 74.4 111.6



Abundance Ion 93.90 (93.60 to 94.60): VNO
Ion 95.90 (95.60 to 96.60): VNO



#6

Chloroethane

Concen: 120.708 ug/l

RT: 2.67 min Scan# 290

Delta R.T. -0.00 min

Lab File: VN063151.D

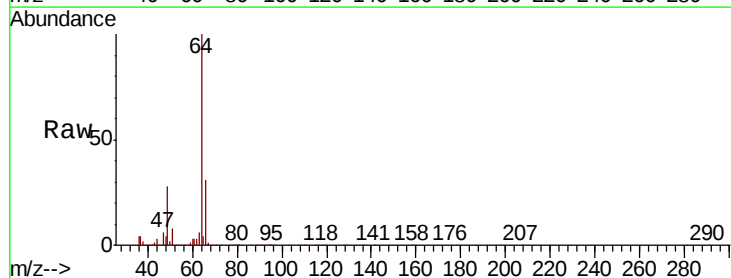
Acq: 31 Aug 2020 14:35

Tgt Ion: 64 Resp: 579487

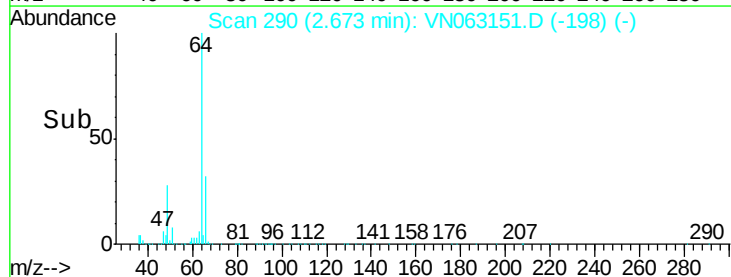
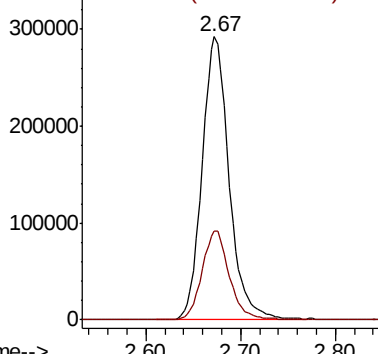
Ion Ratio Lower Upper

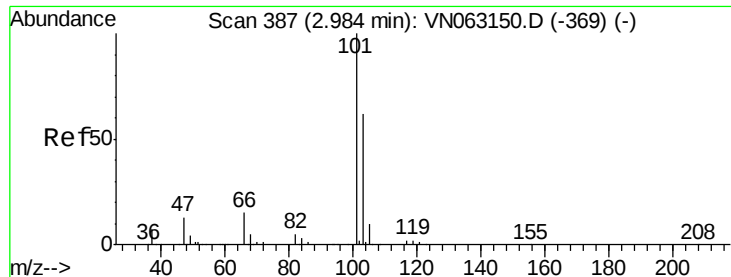
64 100

66 31.4 24.7 37.1



Abundance Ion 63.90 (63.60 to 64.60): VNO
Ion 65.90 (65.60 to 66.60): VNO



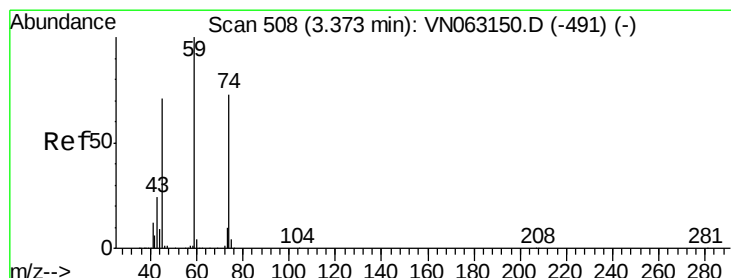
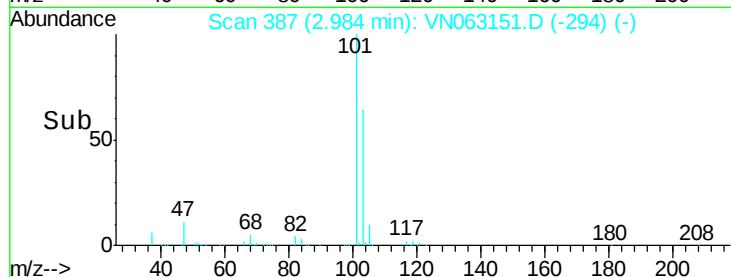
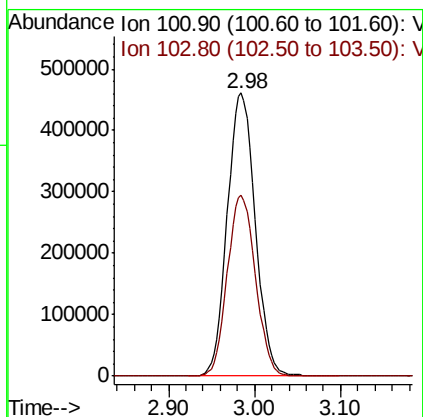
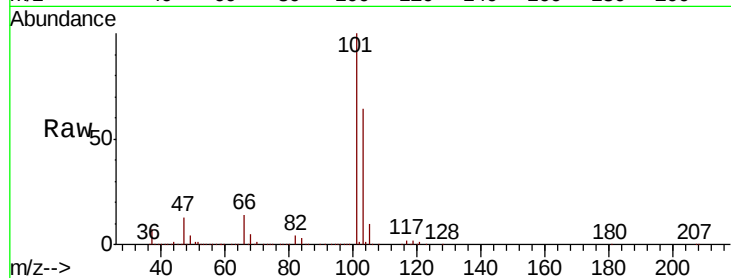


#7

Trichlorofluoromethane
 Concen: 107.841 ug/l
 RT: 2.98 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: VN063151.D
 Acq: 31 Aug 2020 14:35

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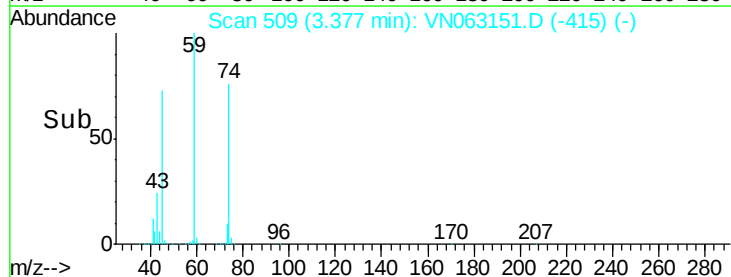
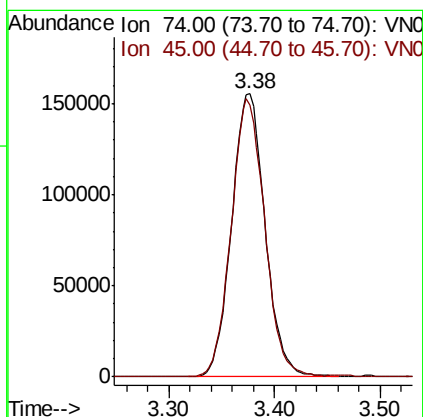
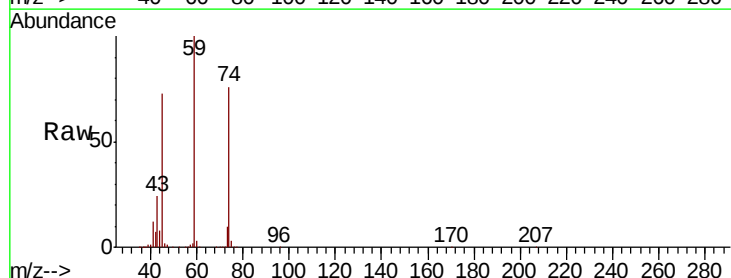
Tot Ion:101 Resp: 1043458
 Ion Ratio Lower Upper
 101 100
 103 63.9 49.7 74.5

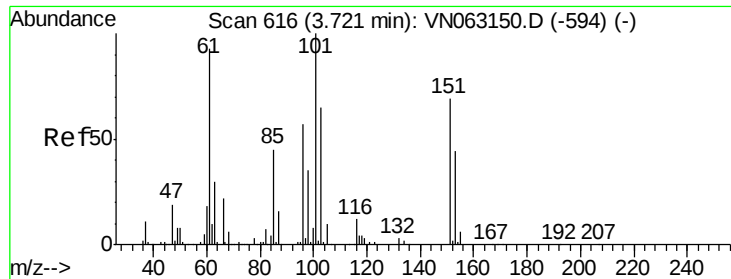


#8

Diethyl Ether
 Concen: 103.238 ug/l
 RT: 3.38 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VN063151.D
 Acq: 31 Aug 2020 14:35

Tgt Ion: 74 Resp: 341670
 Ion Ratio Lower Upper
 74 100
 45 97.5 49.5 148.5

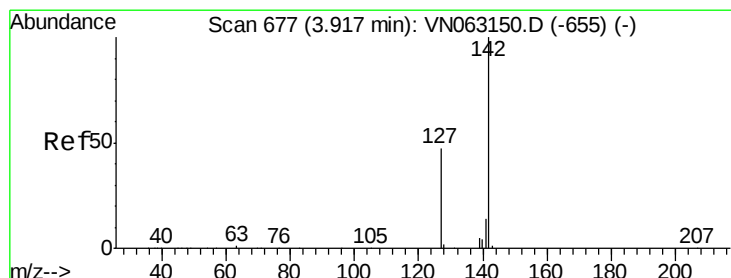
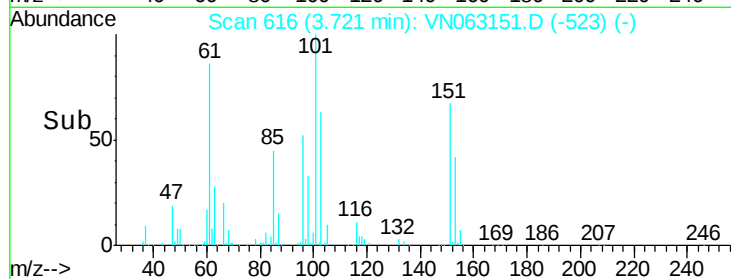
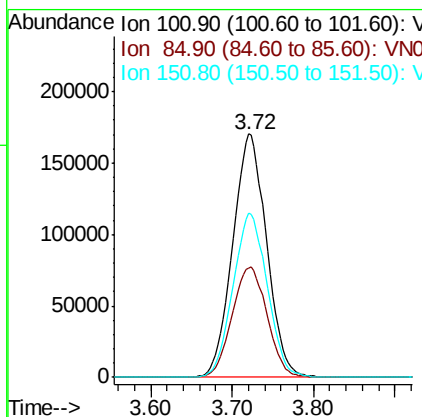
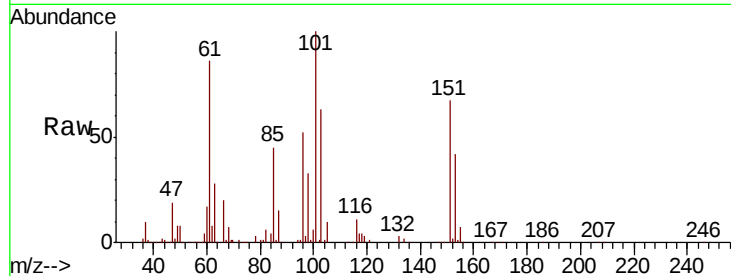




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 86.026 ug/l
 RT: 3.72 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: VN063151.D
 Acq: 31 Aug 2020 14:35

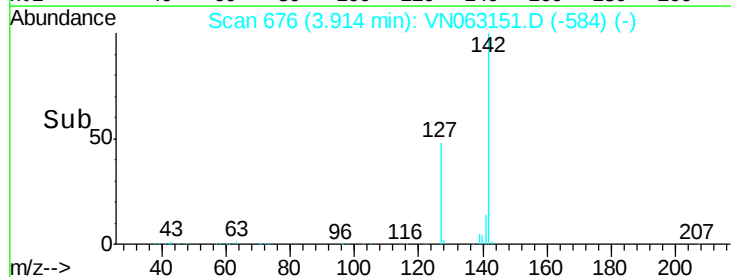
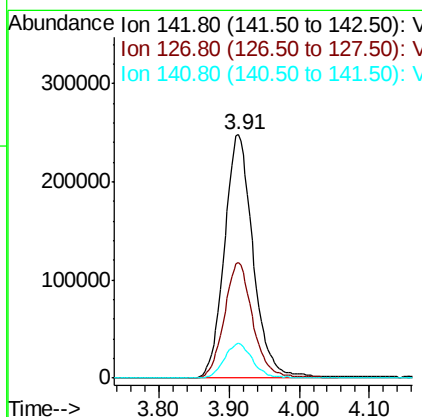
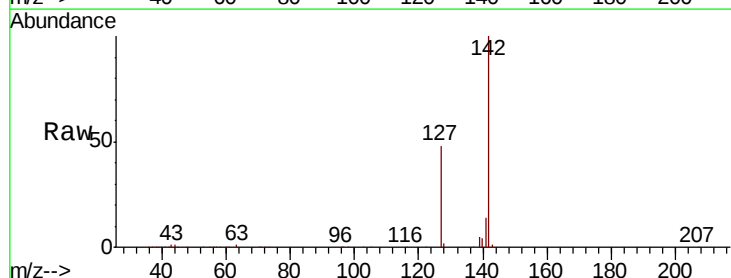
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

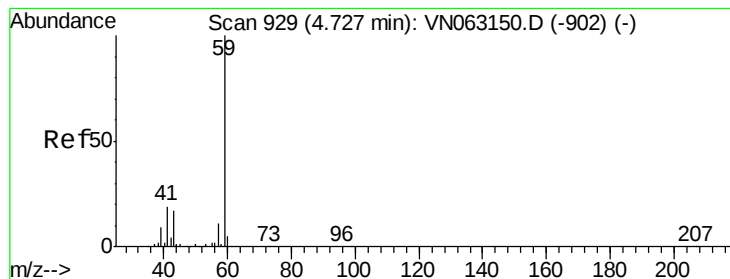
Tot Ion	Ratio	Lower	Upper
101	100		
85	46.8	37.8	56.8
151	68.1	55.0	82.4



#10
 Methyl Iodide
 Concen: 93.096 ug/l
 RT: 3.91 min Scan# 676
 Delta R.T. -0.00 min
 Lab File: VN063151.D
 Acq: 31 Aug 2020 14:35

Tgt Ion	Ratio	Lower	Upper
142	100		
127	47.2	37.6	56.4
141	14.2	11.3	16.9



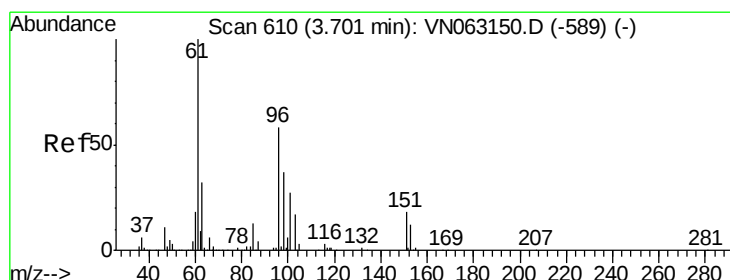
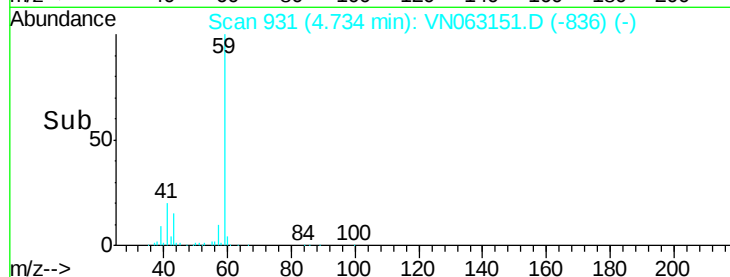
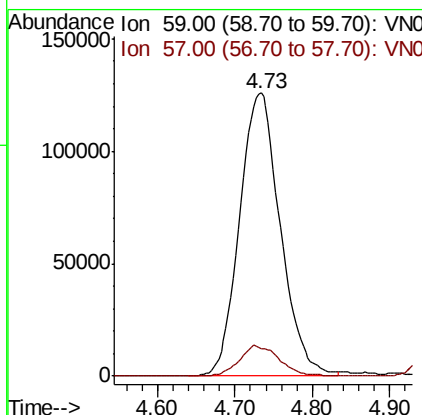
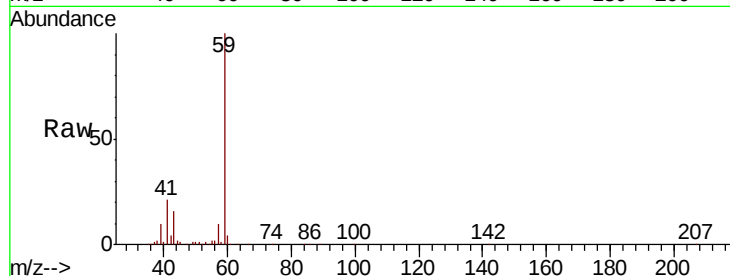


#11

Tert butyl alcohol
 Concen: 810.011 ug/l
 RT: 4.73 min Scan# 931
 Delta R.T. 0.01 min
 Lab File: VN063151.D
 Acq: 31 Aug 2020 14:35

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC100

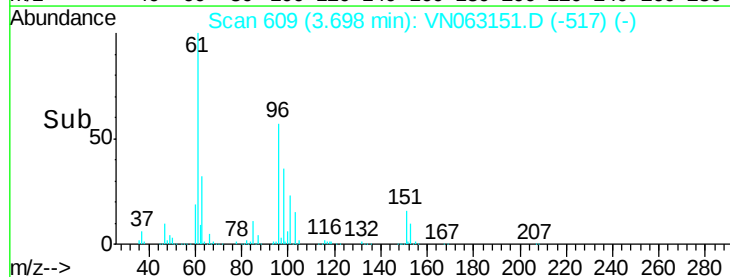
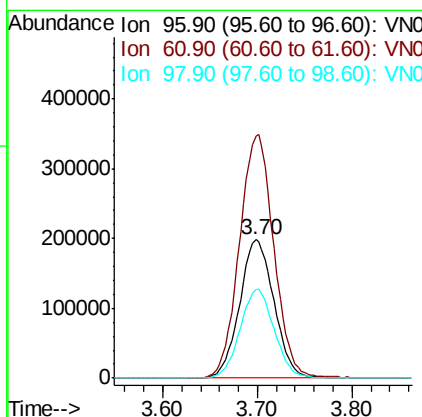
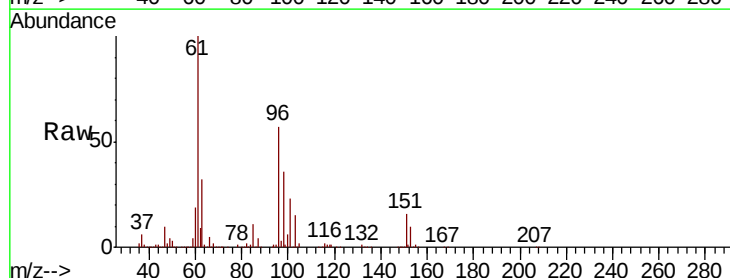
Tot Ion: 59 Resp: 462111
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.4 12.6

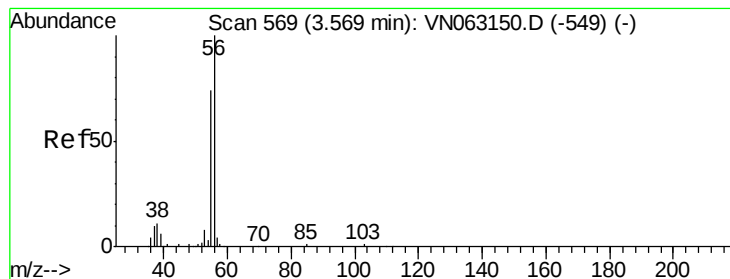


#12

1,1-Dichloroethene
 Concen: 97.503 ug/l
 RT: 3.70 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: VN063151.D
 Acq: 31 Aug 2020 14:35

Tgt Ion: 96 Resp: 499754
 Ion Ratio Lower Upper
 96 100
 61 175.9 137.4 206.2
 98 64.0 50.5 75.7





#13

Acrolein

Concen: 635.898 ug/l

RT: 3.57 min Scan# 568

Delta R.T. -0.00 min

Lab File: VN063151.D

Acq: 31 Aug 2020 14:35

Instrument :

MSVOA_N

ClientSampleId :

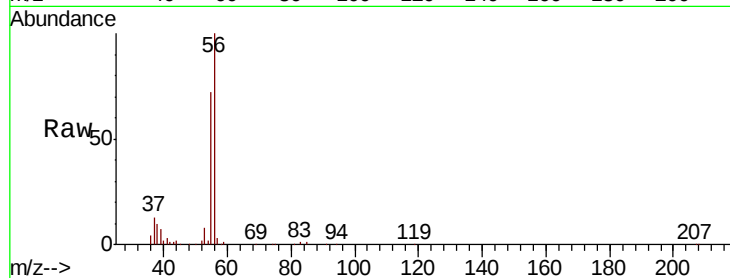
VSTDIC100

Tot Ion: 56 Resp: 191325

Ion Ratio Lower Upper

56 100

55 70.4 55.4 83.0



Abundance Ion 56.00 (55.70 to 56.70): VN063151.D (-476) (-)

Ion 55.00 (54.70 to 55.70): VN063151.D (-476) (-)

3.57

80000

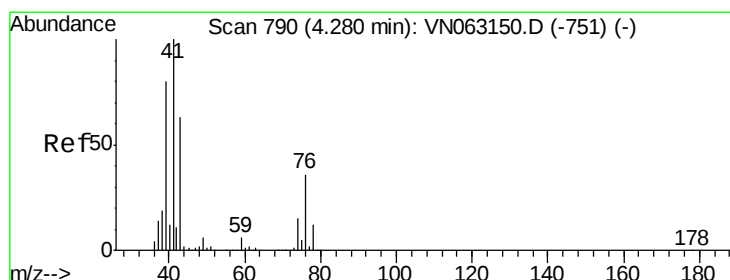
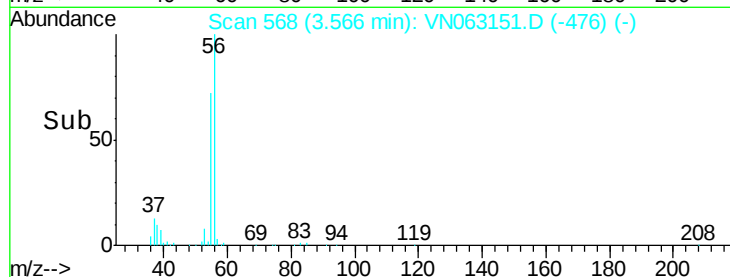
60000

40000

20000

0

Time-->



#14

Allyl chloride

Concen: 113.906 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063151.D

Acq: 31 Aug 2020 14:35

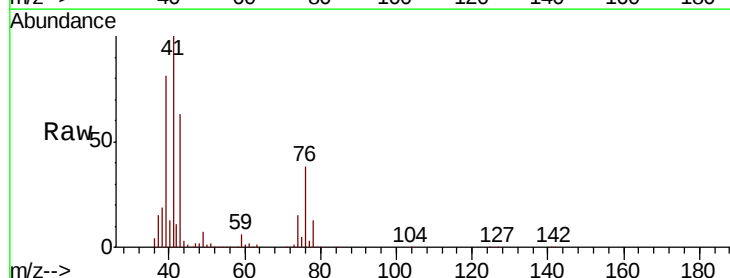
Tgt Ion: 41 Resp: 945899

Ion Ratio Lower Upper

41 100

39 76.6 60.2 90.2

76 34.4 27.7 41.5



Abundance Ion 41.00 (40.70 to 41.70): VN063151.D (-697) (-)

Ion 39.00 (38.70 to 39.70): VN063151.D (-697) (-)

Ion 75.90 (75.60 to 76.60): VN063151.D (-697) (-)

4.28

400000

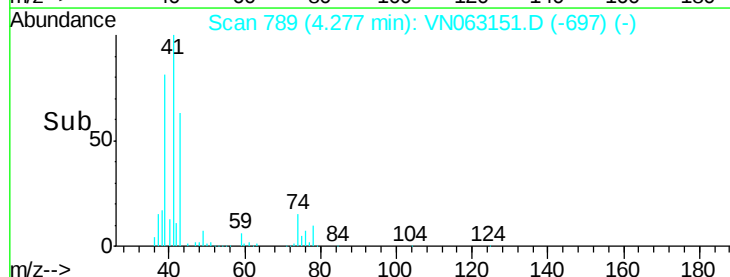
300000

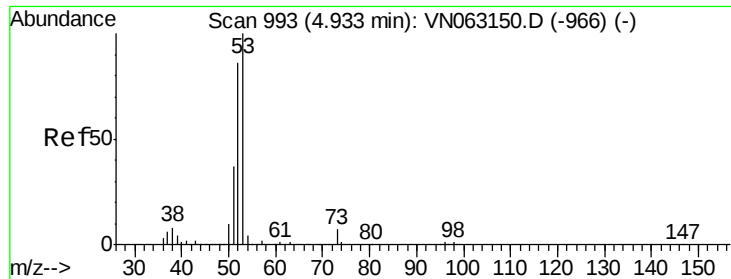
200000

100000

0

Time-->





#15

Acrylonitrile

Concen: 612.875 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN063151.D

Acq: 31 Aug 2020 14:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

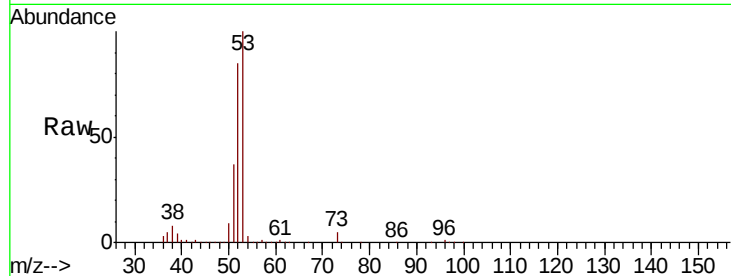
Tot Ion: 53 Resp: 1298313

Ion Ratio Lower Upper

53 100

52 83.4 67.2 100.8

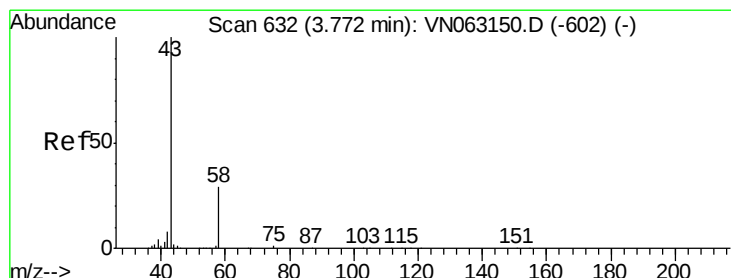
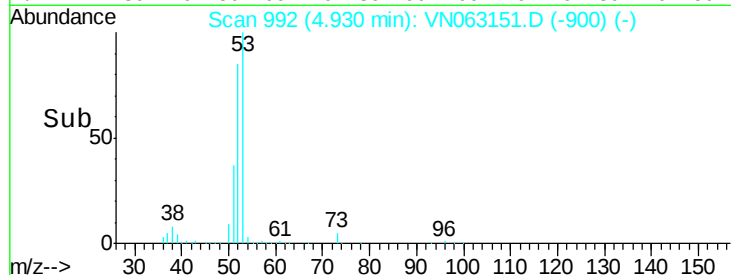
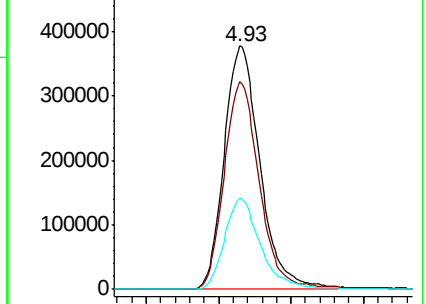
51 37.2 30.2 45.4



Abundance Ion 53.00 (52.70 to 53.70): VN063151.D (-900) (-)

Ion 52.00 (51.70 to 52.70): VN063151.D (-900) (-)

Ion 51.00 (50.70 to 51.70): VN063151.D (-900) (-)



#16

Acetone

Concen: 595.081 ug/l

RT: 3.78 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN063151.D

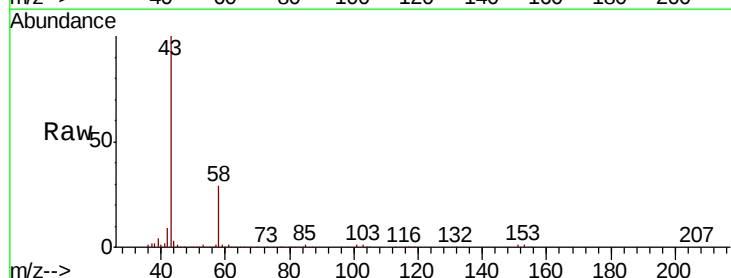
Acq: 31 Aug 2020 14:35

Tgt Ion: 43 Resp: 1062793

Ion Ratio Lower Upper

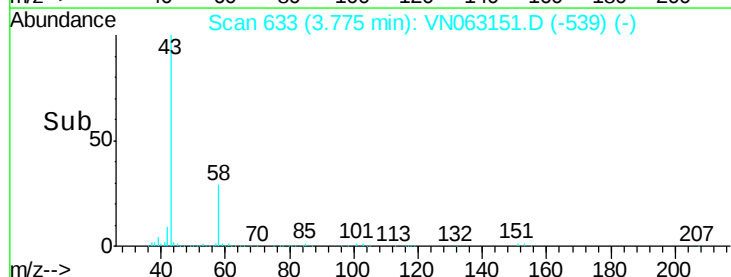
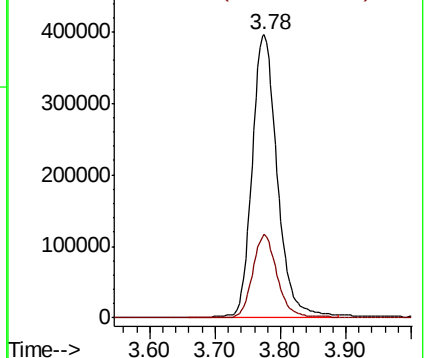
43 100

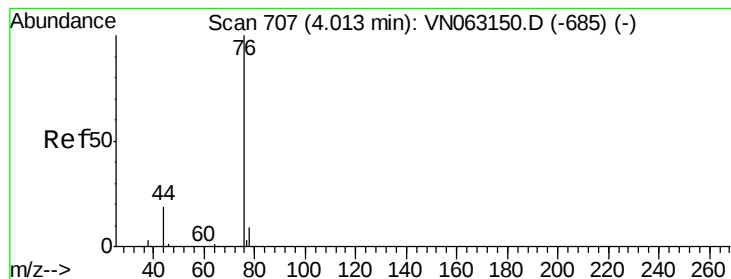
58 29.4 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VN063151.D (-539) (-)

Ion 58.00 (57.70 to 58.70): VN063151.D (-539) (-)





#17

Carbon Disulfide

Concen: 99.320 ug/l

RT: 4.01 min Scan# 707

Delta R.T. 0.00 min

Lab File: VN063151.D

Acq: 31 Aug 2020 14:35

Instrument :

MSVOA_N

ClientSampleId :

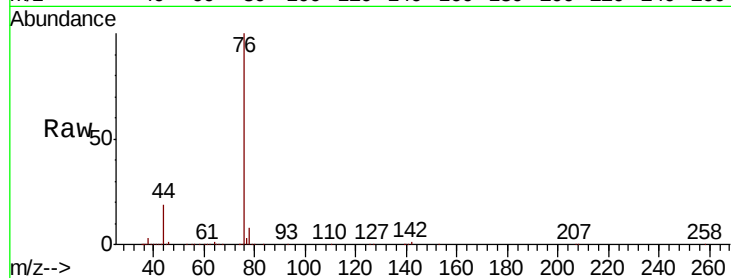
VSTDIC100

Tot Ion: 76 Resp: 1524192

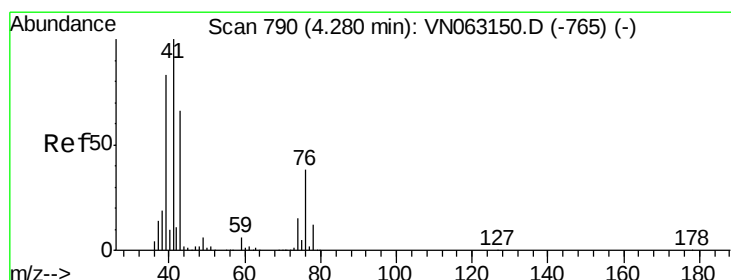
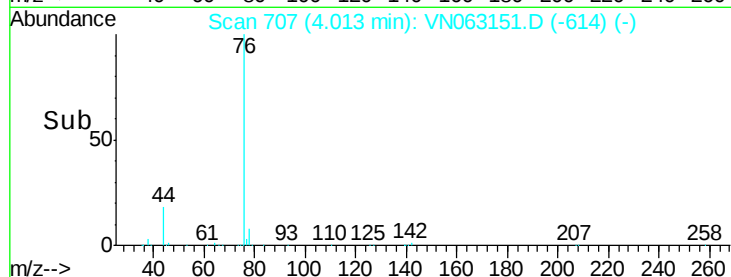
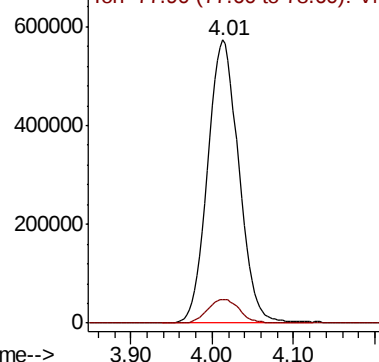
Ion Ratio Lower Upper

76 100

78 8.5 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VNO
Ion 77.90 (77.60 to 78.60): VNO



#18

Methyl Acetate

Concen: 89.054 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063151.D

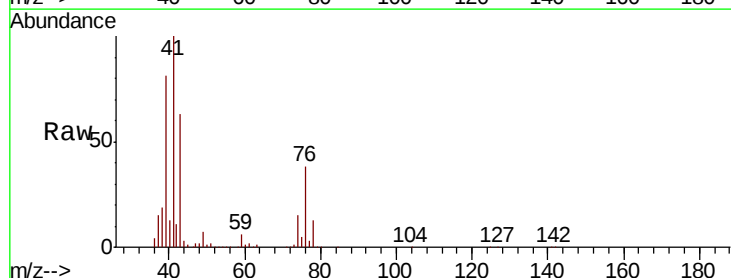
Acq: 31 Aug 2020 14:35

Tgt Ion: 43 Resp: 567511

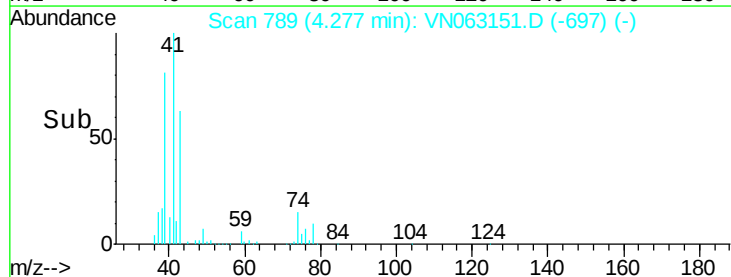
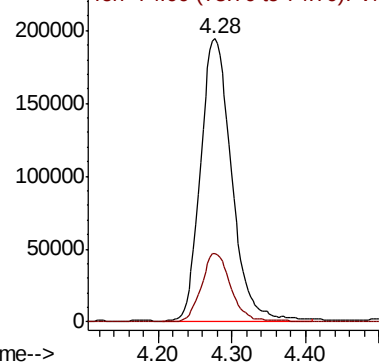
Ion Ratio Lower Upper

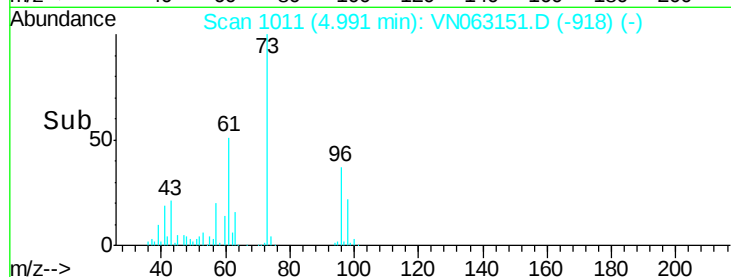
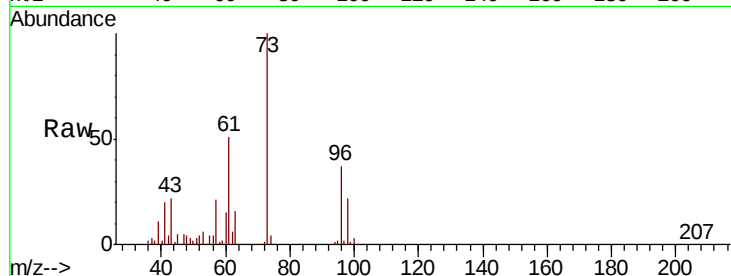
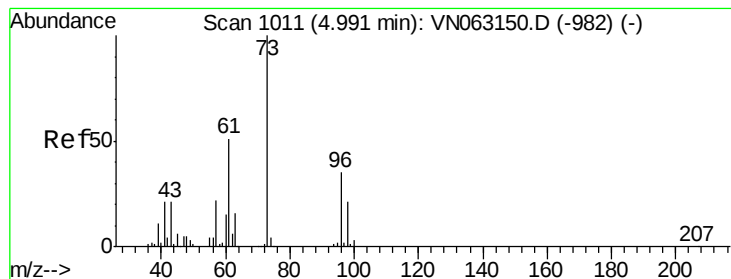
43 100

74 23.1 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 74.00 (73.70 to 74.70): VNO





#19

Methyl tert-butyl Ether
 Concen: 128.861 ug/l
 RT: 4.99 min Scan# 1011
 Delta R.T. 0.00 min
 Lab File: VN063151.D
 Acq: 31 Aug 2020 14:35

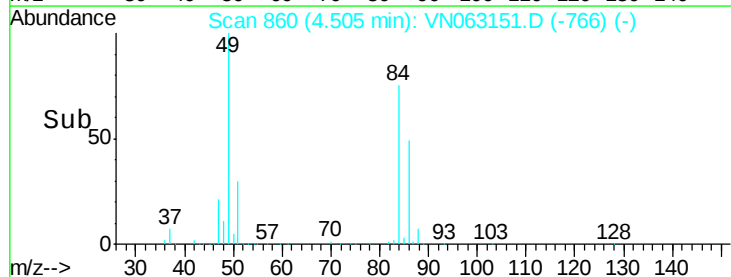
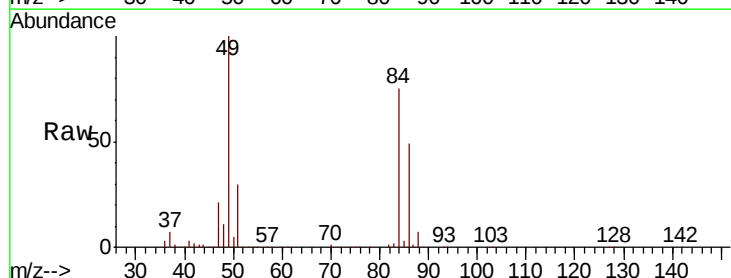
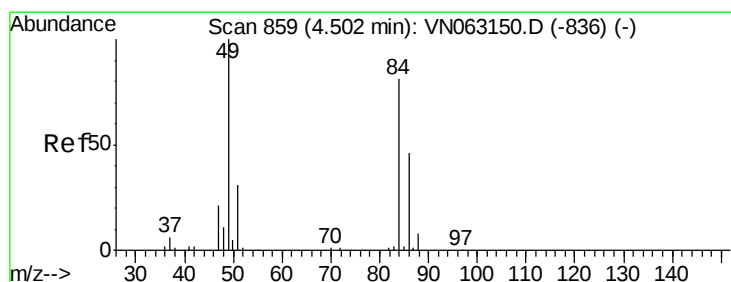
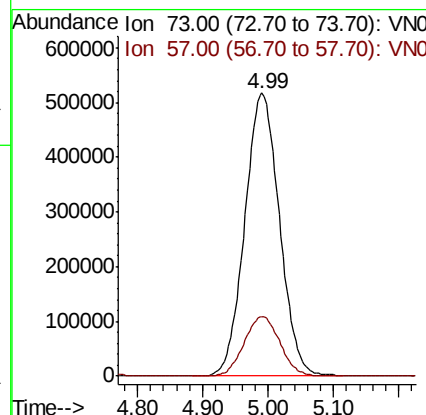
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion: 73 Resp: 1909120

Ion Ratio Lower Upper

73 100

57 21.1 17.6 26.4



#20

Methylene Chloride
 Concen: 93.993 ug/l
 RT: 4.51 min Scan# 860
 Delta R.T. 0.00 min
 Lab File: VN063151.D
 Acq: 31 Aug 2020 14:35

Tgt Ion: 84 Resp: 601562

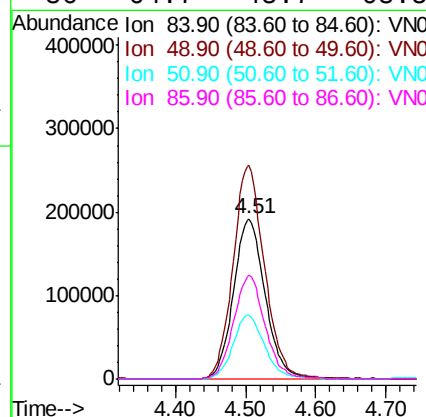
Ion Ratio Lower Upper

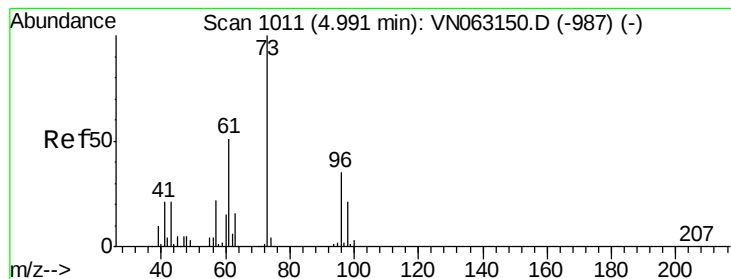
84 100

49 132.8 98.4 147.6

51 39.5 30.4 45.6

86 64.7 45.7 68.5



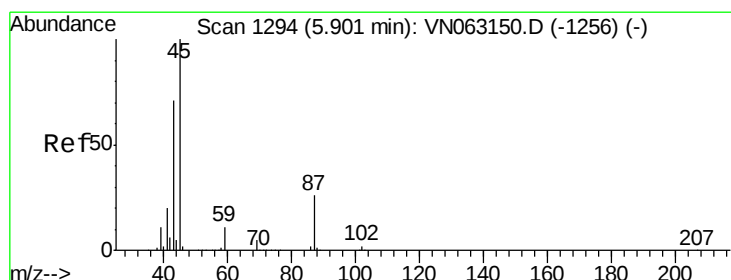
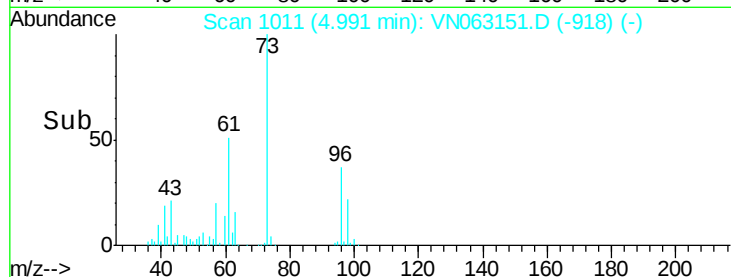
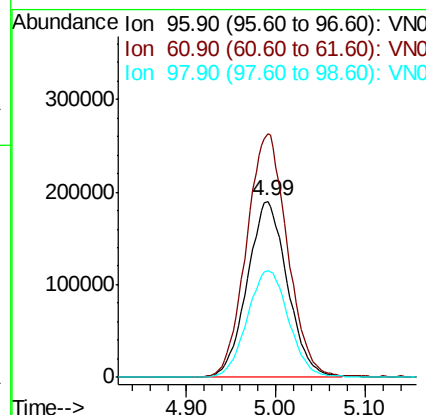
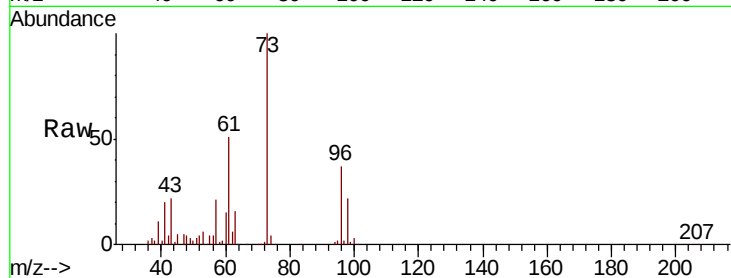


#21

trans-1,2-Dichloroethene
Concen: 108.022 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN063151.D
Acq: 31 Aug 2020 14:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

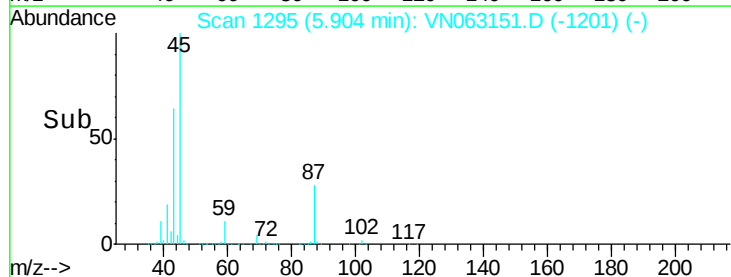
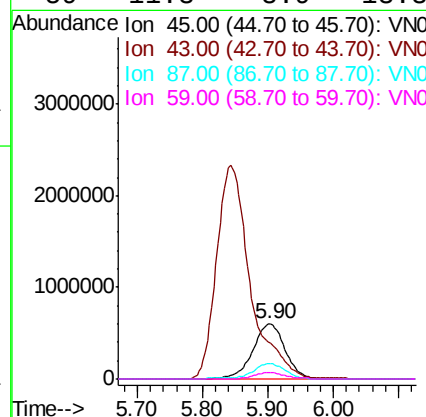
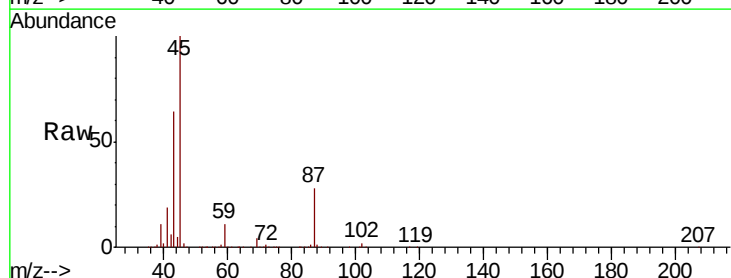
Tot Ion: 96 Resp: 592019
Ion Ratio Lower Upper
96 100
61 138.2 116.2 174.4
98 60.4 48.0 72.0

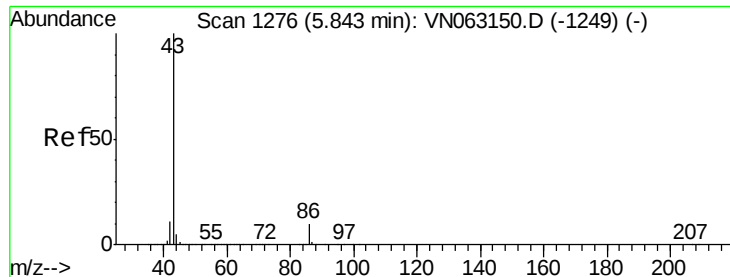


#22

Diisopropyl ether
Concen: 121.992 ug/l
RT: 5.90 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VN063151.D
Acq: 31 Aug 2020 14:35

Tgt Ion: 45 Resp: 2069647
Ion Ratio Lower Upper
45 100
43 62.8 56.8 85.2
87 27.8 21.1 31.7
59 11.3 8.9 13.3





#23

Vinyl Acetate

Concen: 674.815 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. 0.00 min

Lab File: VN063151.D

Acq: 31 Aug 2020 14:35

Instrument :

MSVOA_N

ClientSampleId :

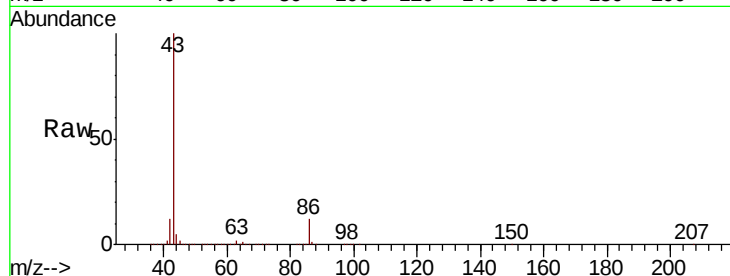
VSTDIC100

Tot Ion: 43 Resp: 8369024

Ion Ratio Lower Upper

43 100

86 11.9 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VN063151.D (-1249) (-)

Ion 86.00 (85.70 to 86.70): VN063151.D (-1249) (-)

5.84

2500000

2000000

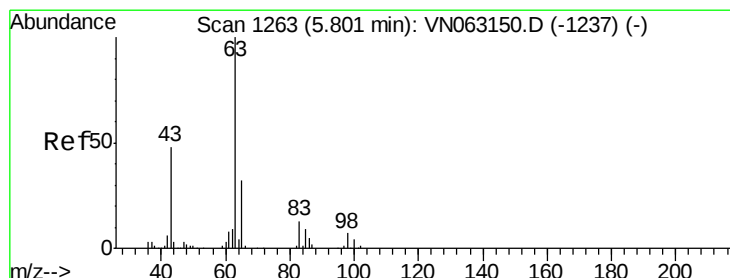
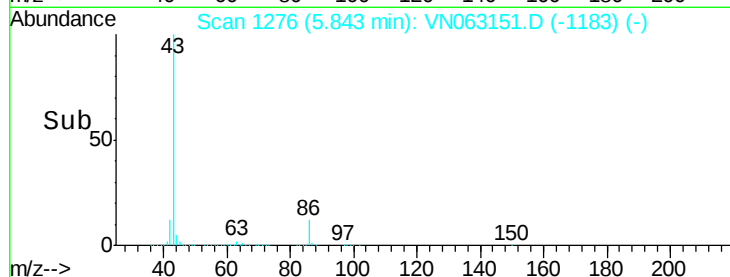
1500000

1000000

500000

0

Time-->



#24

1,1-Dichloroethane

Concen: 106.113 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. -0.00 min

Lab File: VN063151.D

Acq: 31 Aug 2020 14:35

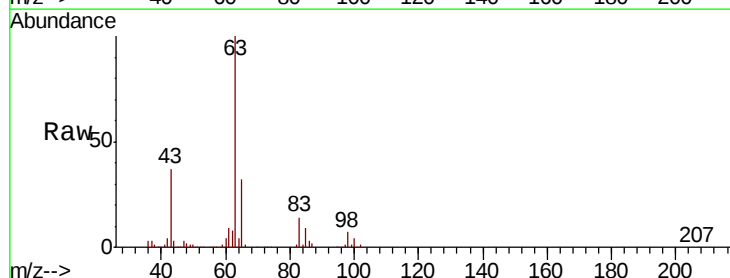
Tgt Ion: 63 Resp: 1136656

Ion Ratio Lower Upper

63 100

98 6.5 3.4 10.1

100 4.2 2.3 6.8



Abundance Ion 62.90 (62.60 to 63.60): VN063151.D (-1237) (-)

Ion 97.90 (97.60 to 98.60): VN063151.D (-1237) (-)

Ion 99.90 (99.60 to 100.60): VN063151.D (-1237) (-)

5.80

400000

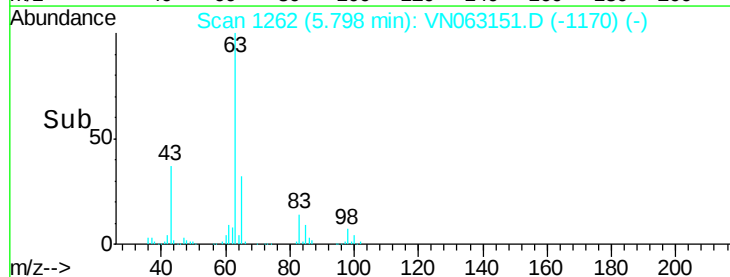
300000

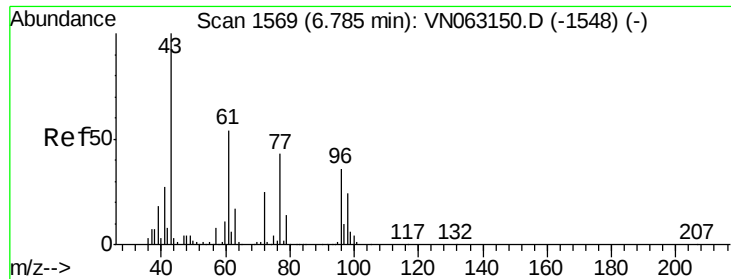
200000

100000

0

Time-->

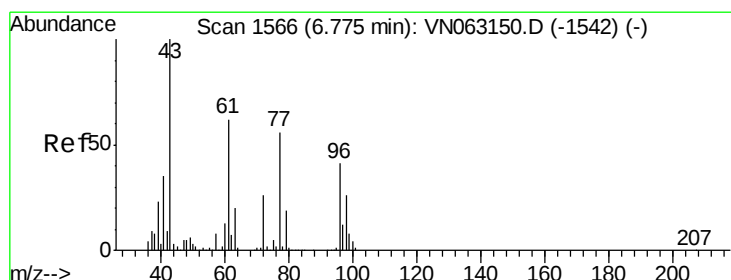
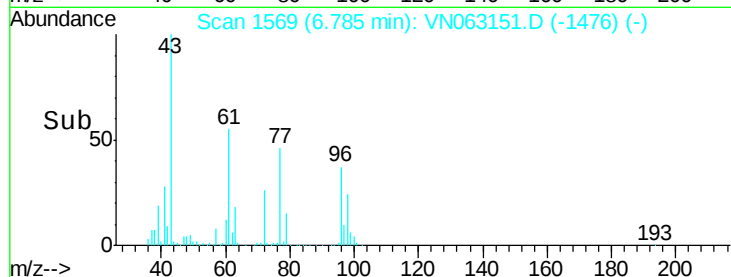
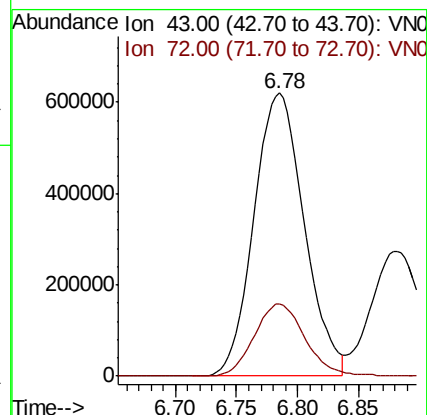
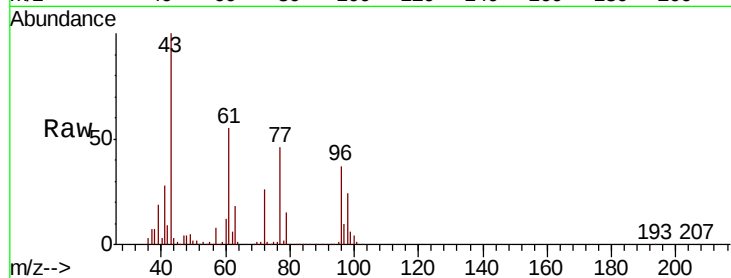




#25
2-Butanone
Concen: 683.452 ug/l
RT: 6.78 min Scan# 1569
Delta R.T. 0.00 min
Lab File: VN063151.D
Acq: 31 Aug 2020 14:35

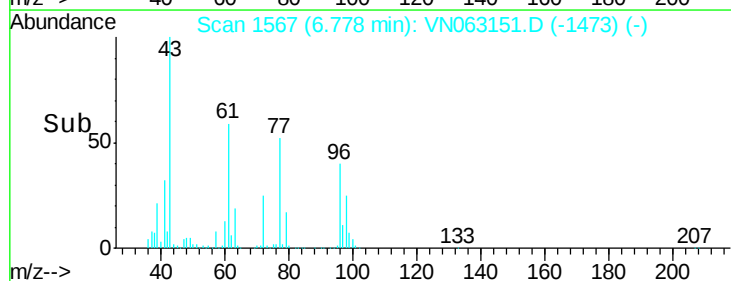
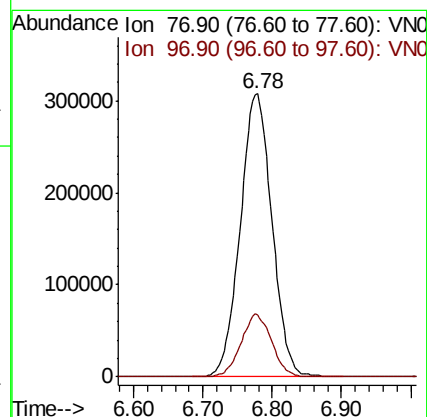
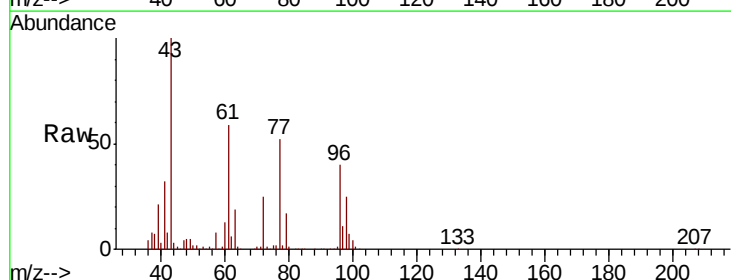
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

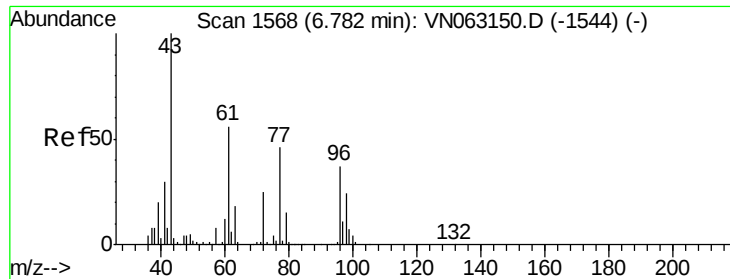
Tot Ion: 43 Resp: 1769348
Ion Ratio Lower Upper
43 100
72 25.7 20.2 30.4



#26
2,2-Dichloropropane
Concen: 115.014 ug/l
RT: 6.78 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VN063151.D
Acq: 31 Aug 2020 14:35

Tgt Ion: 77 Resp: 979542
Ion Ratio Lower Upper
77 100
97 21.5 10.7 31.9





#27

cis-1,2-Dichloroethene

Concen: 113.459 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN063151.D

Acq: 31 Aug 2020 14:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

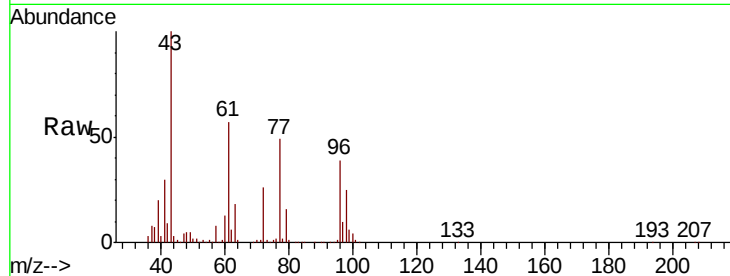
Tot Ion: 96 Resp: 687998

Ion Ratio Lower Upper

96 100

61 150.4 0.0 303.2

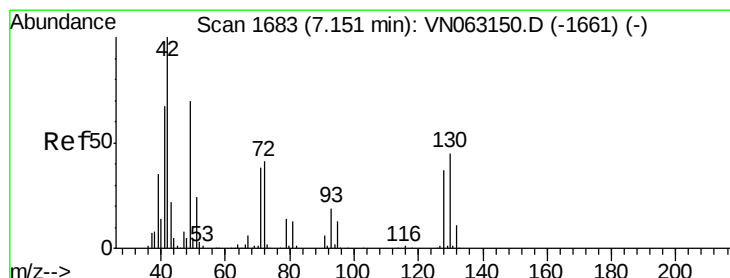
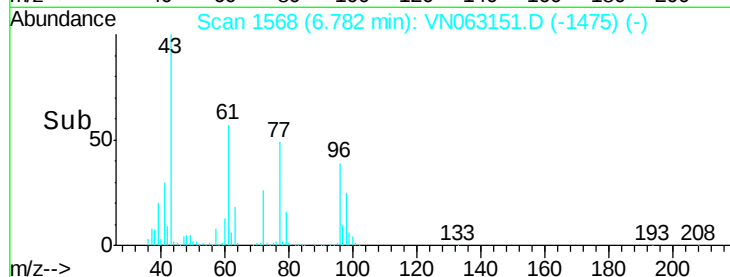
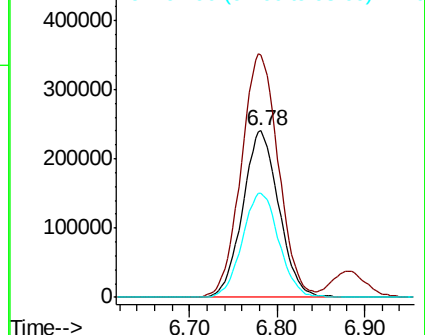
98 63.6 0.0 129.0



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 115.417 ug/l

RT: 7.15 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VN063151.D

Acq: 31 Aug 2020 14:35

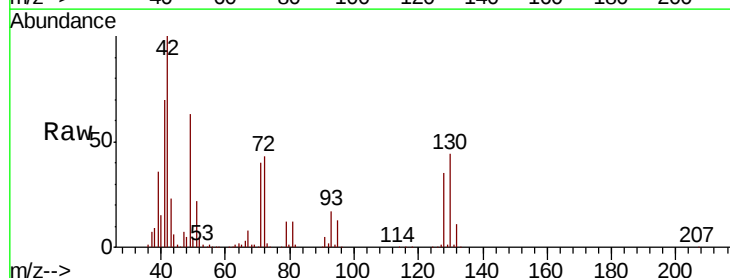
Tgt Ion: 49 Resp: 569678

Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.0

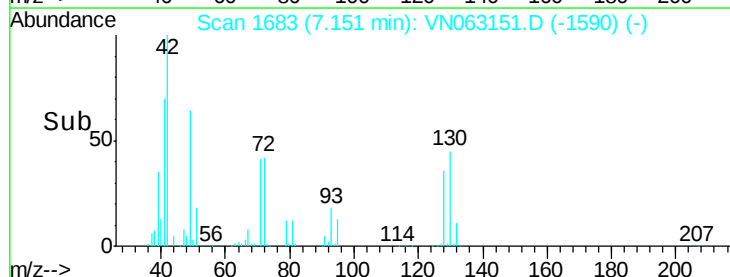
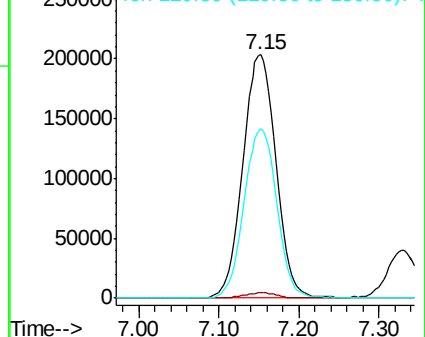
130 68.9 54.4 81.6

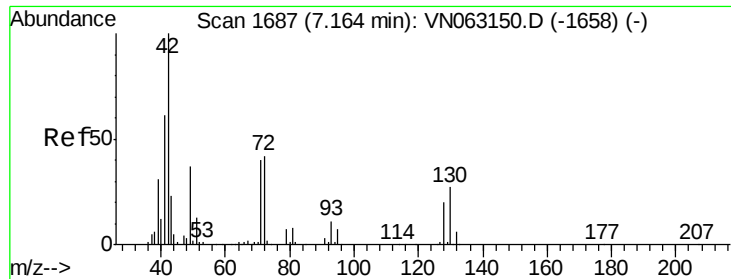


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 725.161 ug/l

RT: 7.16 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN063151.D

Acq: 31 Aug 2020 14:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

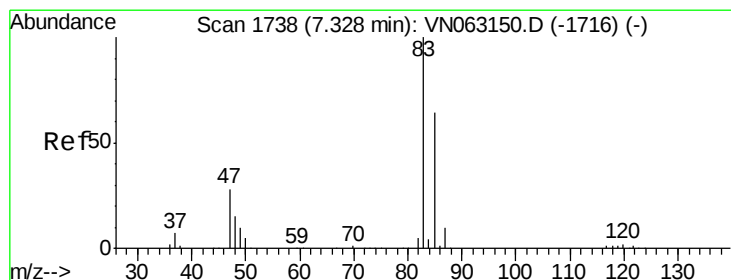
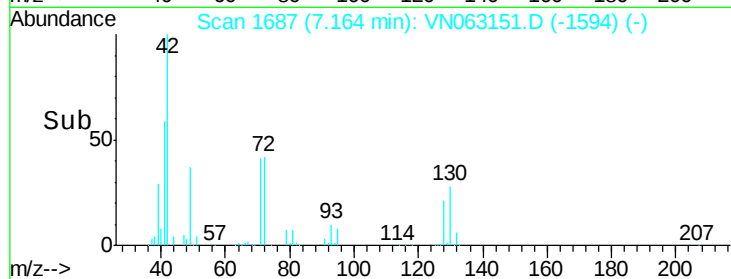
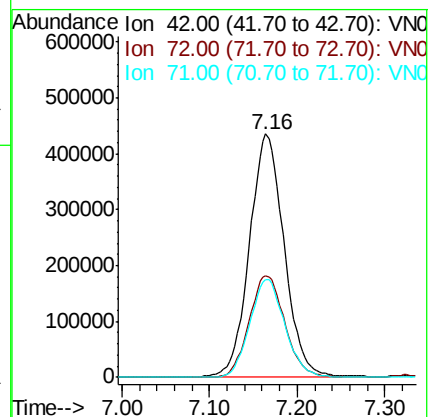
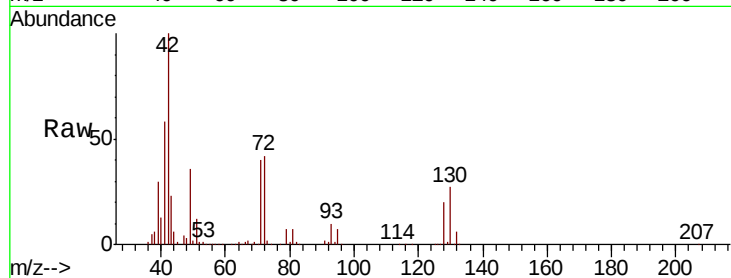
Tot Ion: 42 Resp: 1194924

Ion Ratio Lower Upper

42 100

72 42.9 33.9 50.9

71 40.8 31.9 47.9



#30

Chloroform

Concen: 106.655 ug/l

RT: 7.33 min Scan# 1738

Delta R.T. 0.00 min

Lab File: VN063151.D

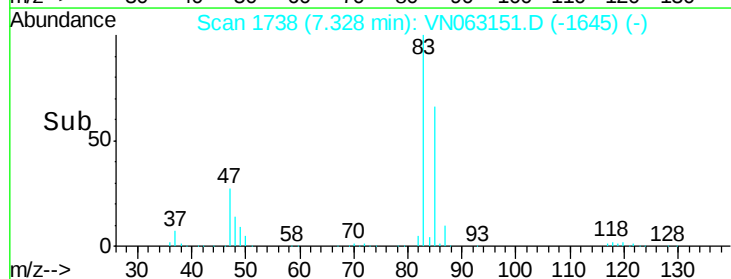
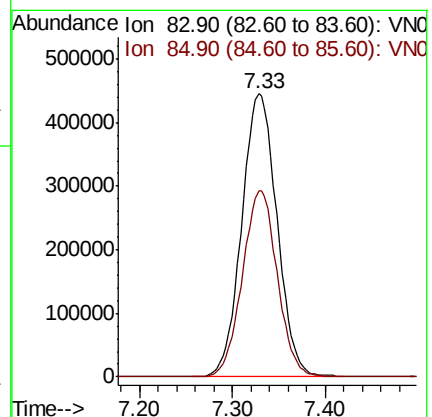
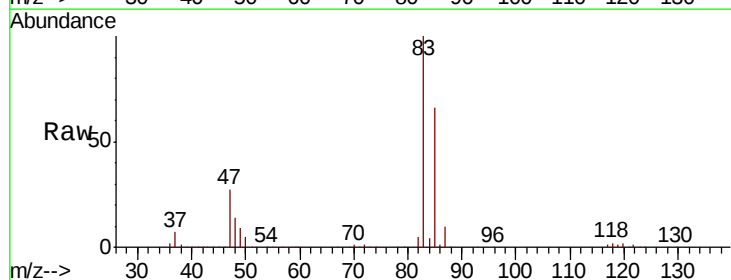
Acq: 31 Aug 2020 14:35

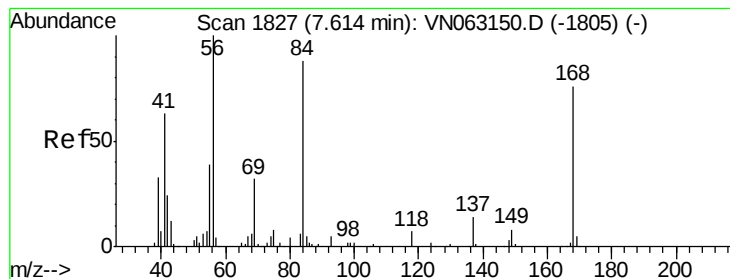
Tgt Ion: 83 Resp: 1174253

Ion Ratio Lower Upper

83 100

85 65.7 51.0 76.6





#31

Cyclohexane

Concen: 98.426 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN063151.D

Acq: 31 Aug 2020 14:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

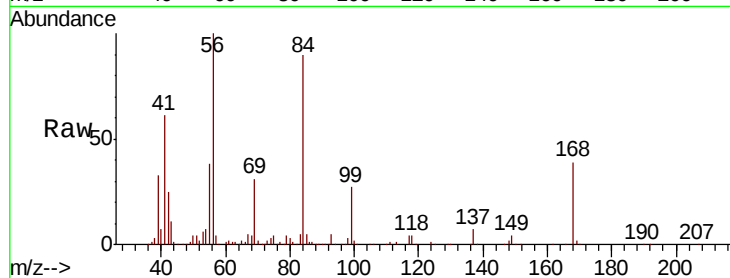
Tot Ion: 56 Resp: 985281

Ion Ratio Lower Upper

56 100

69 30.9 25.4 38.0

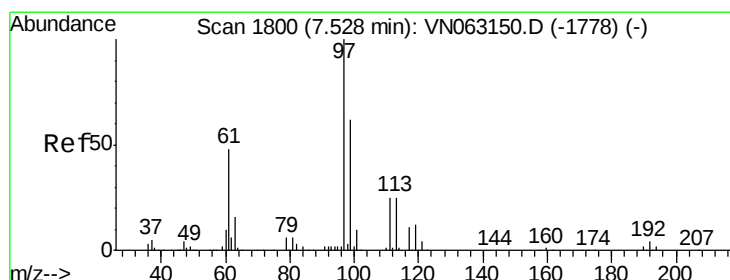
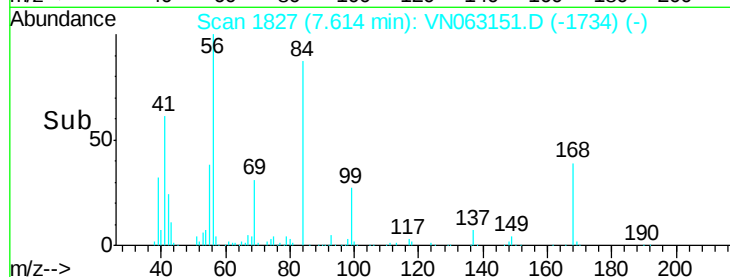
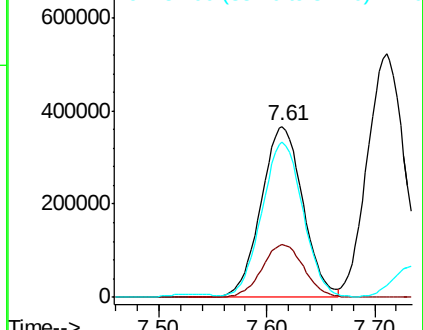
84 88.7 70.2 105.4



Abundance Ion 56.00 (55.70 to 56.70): VN063151.D (-1805) (-)

Ion 69.00 (68.70 to 69.70): VN063151.D (-1805) (-)

Ion 84.00 (83.70 to 84.70): VN063151.D (-1805) (-)



#32

1,1,1-Trichloroethane

Concen: 109.810 ug/l

RT: 7.53 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN063151.D

Acq: 31 Aug 2020 14:35

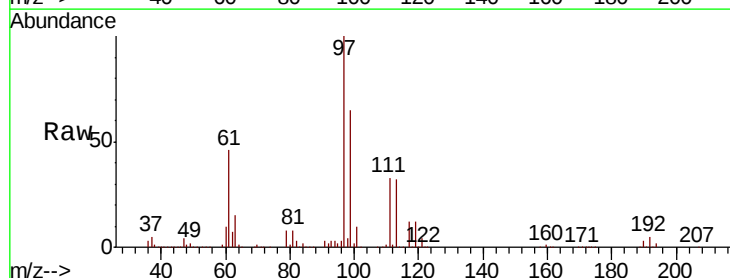
Tgt Ion: 97 Resp: 1051000

Ion Ratio Lower Upper

97 100

99 64.3 50.8 76.2

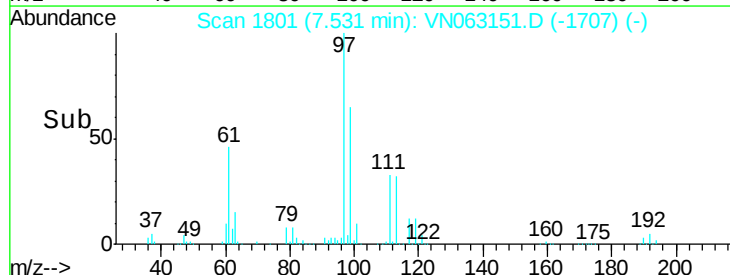
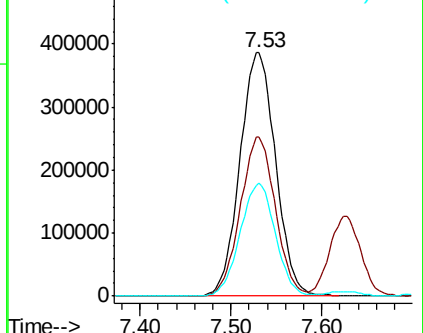
61 46.0 37.4 56.2

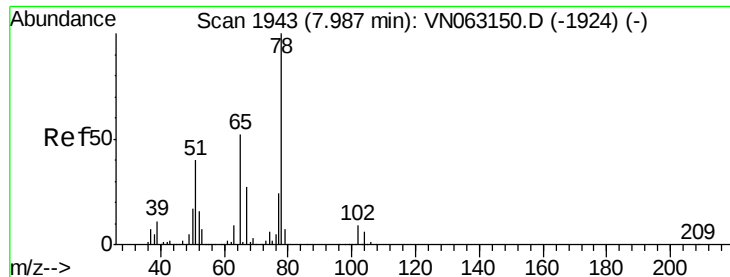


Abundance Ion 96.90 (96.60 to 97.60): VN063151.D (-1778) (-)

Ion 98.90 (98.60 to 99.60): VN063151.D (-1778) (-)

Ion 60.90 (60.60 to 61.60): VN063151.D (-1778) (-)





#33

1,2-Dichloroethane-d4

Concen: 113.284 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN063151.D

Acq: 31 Aug 2020 14:35

Instrument :

MSVOA_N

ClientSampleId :

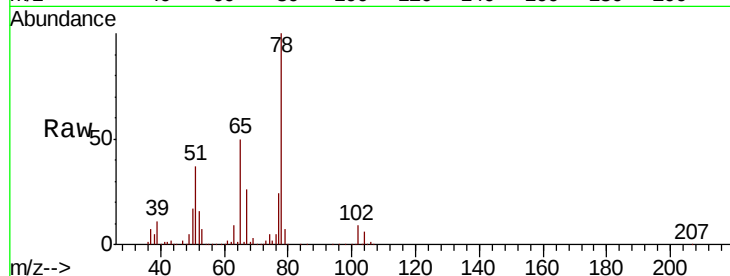
VSTDIC100

Tot Ion: 65 Resp: 759803

Ion Ratio Lower Upper

65 100

67 51.1 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VN063151.D (-1850) (-)

Ion 66.90 (66.60 to 67.60): VN063151.D (-1850) (-)

7.99

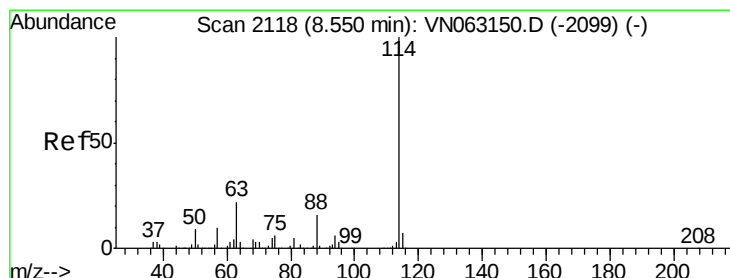
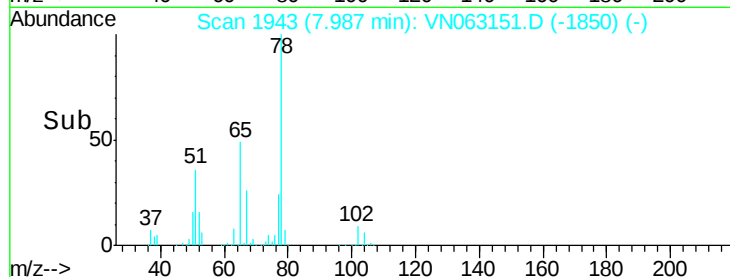
300000

200000

100000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN063151.D

Acq: 31 Aug 2020 14:35

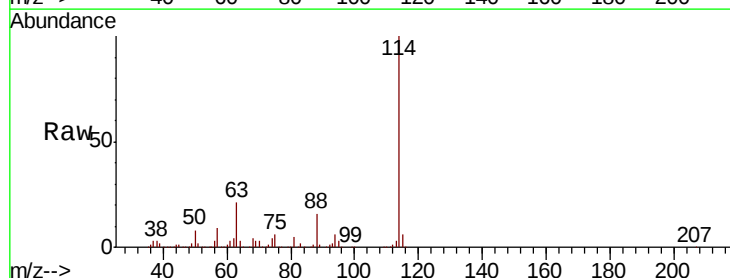
Tgt Ion: 114 Resp: 874038

Ion Ratio Lower Upper

114 100

63 20.7 0.0 43.0

88 15.8 0.0 31.6



Abundance Ion 113.90 (113.60 to 114.60): VN063151.D (-2025) (-)

Ion 63.00 (62.70 to 63.70): VN063151.D (-2025) (-)

Ion 87.90 (87.60 to 88.60): VN063151.D (-2025) (-)

8.55

600000

500000

400000

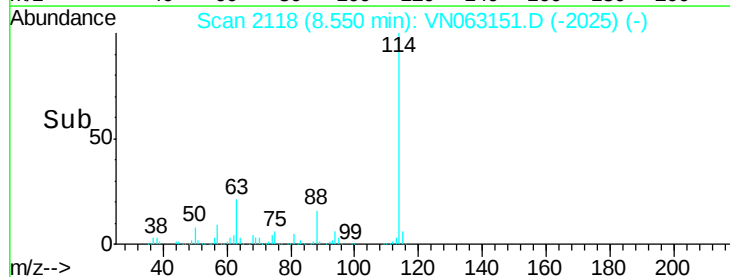
300000

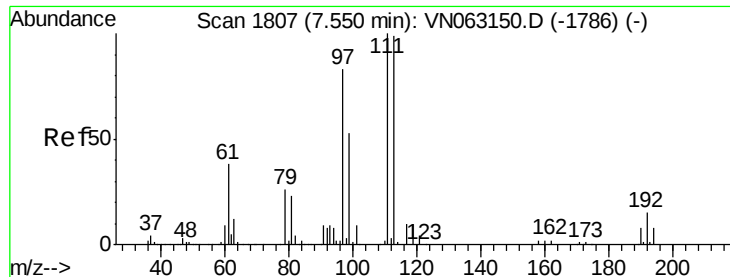
200000

100000

0

Time-->

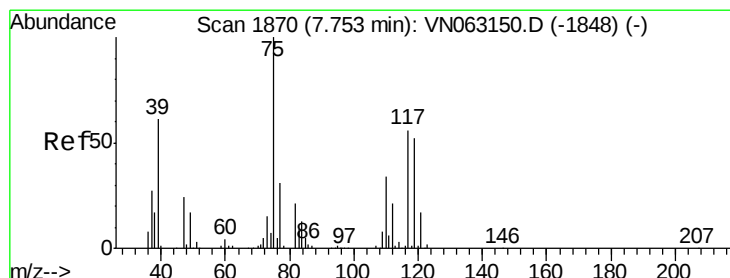
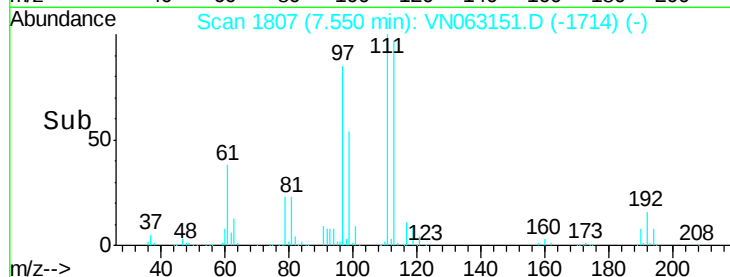
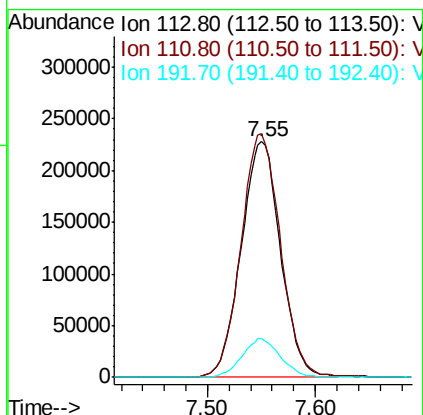
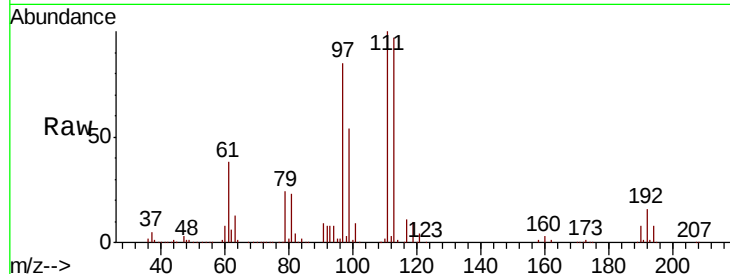




#35
 Dibromofluoromethane
 Concen: 81.851 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063151.D
 Acq: 31 Aug 2020 14:35

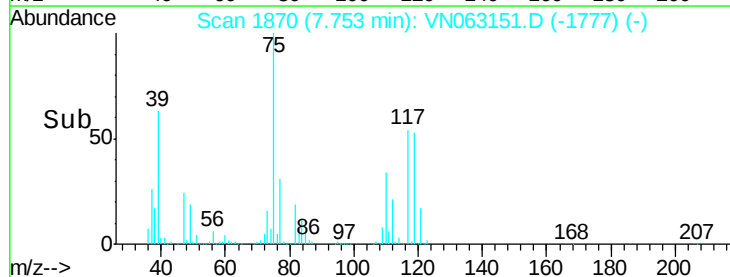
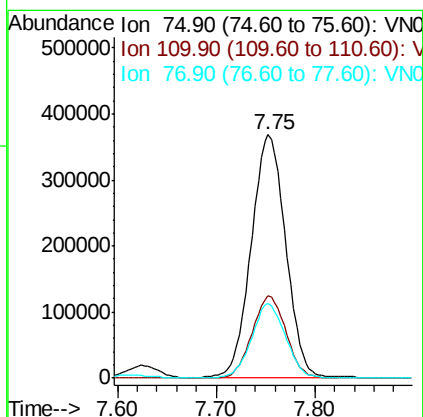
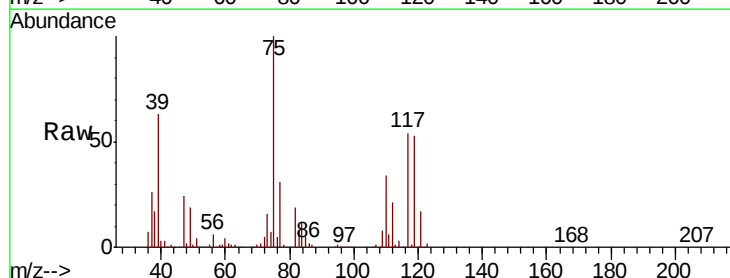
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

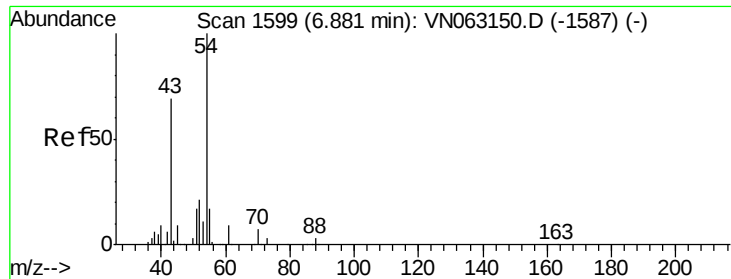
Tot Ion:113 Resp: 578588
 Ion Ratio Lower Upper
 113 100
 111 104.0 80.7 121.1
 192 16.0 12.6 19.0



#36
 1,1-Dichloropropene
 Concen: 92.855 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. 0.00 min
 Lab File: VN063151.D
 Acq: 31 Aug 2020 14:35

Tgt Ion: 75 Resp: 887022
 Ion Ratio Lower Upper
 75 100
 110 33.3 16.6 49.8
 77 30.5 25.4 38.2

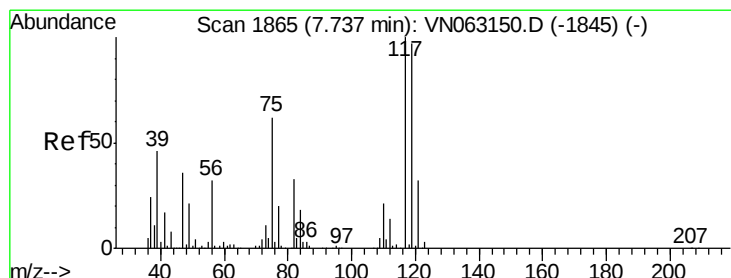
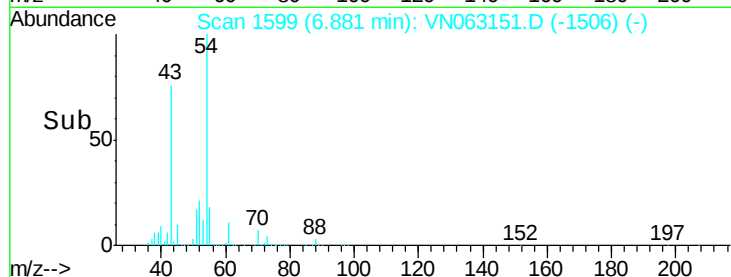
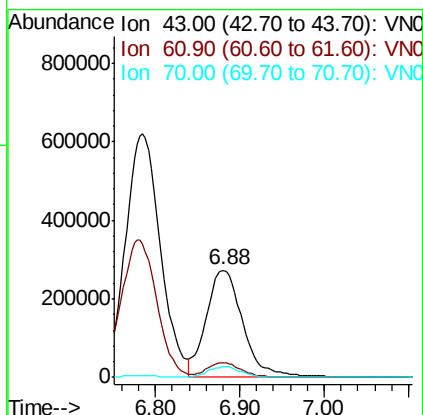
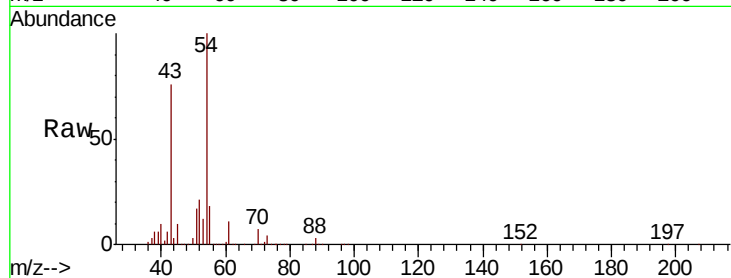




#37
Ethyl Acetate
Concen: 116.459 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VN063151.D
Acq: 31 Aug 2020 14:35

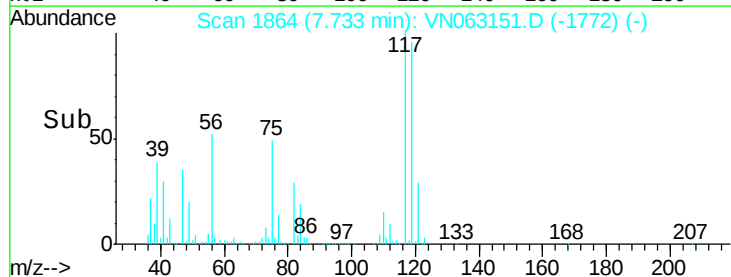
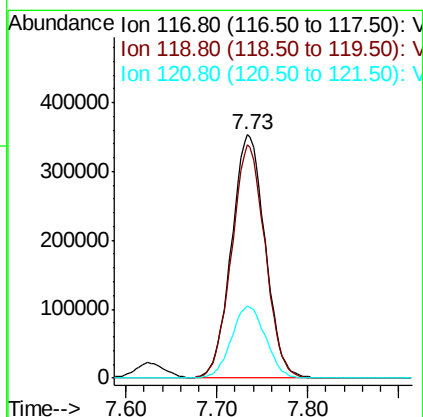
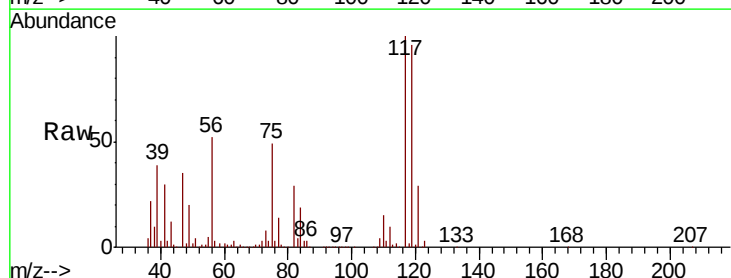
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

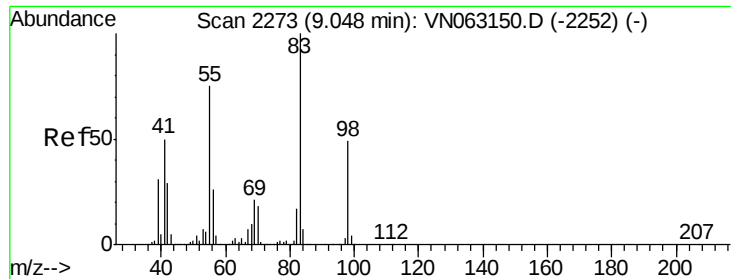
Tot Ion: 43 Resp: 808312
Ion Ratio Lower Upper
43 100
61 12.9 10.2 15.4
70 9.0 3.0 4.6#



#38
Carbon Tetrachloride
Concen: 88.297 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN063151.D
Acq: 31 Aug 2020 14:35

Tgt Ion: 117 Resp: 904545
Ion Ratio Lower Upper
117 100
119 95.7 77.2 115.8
121 29.5 25.6 38.4

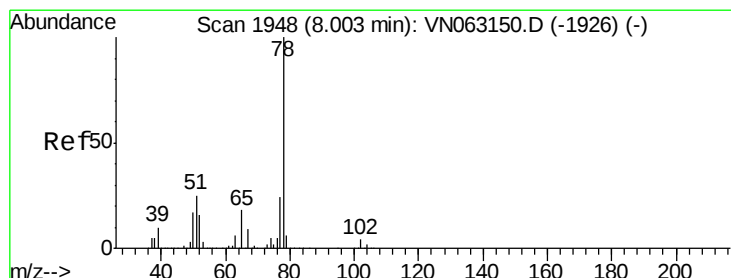
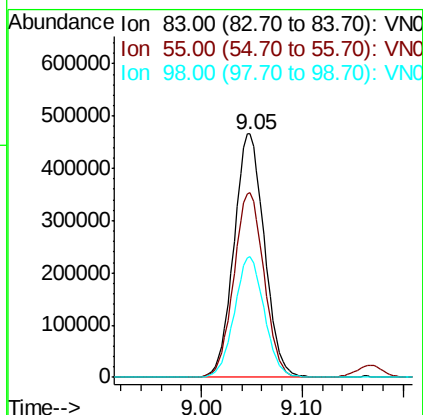
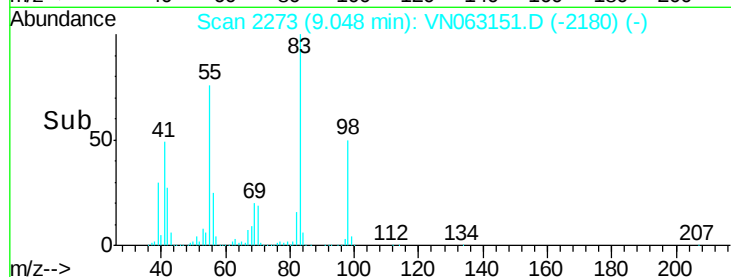
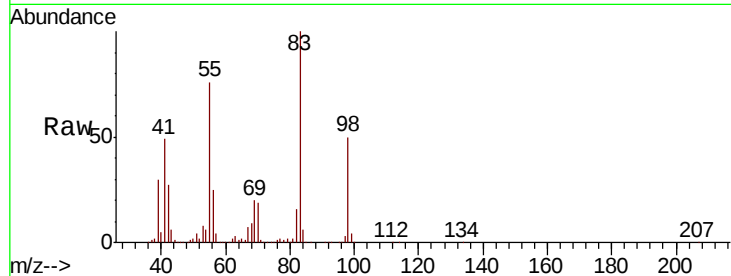




#39
Methvlcvclohexane
Concen: 97.637 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN063151.D
Acq: 31 Aug 2020 14:35

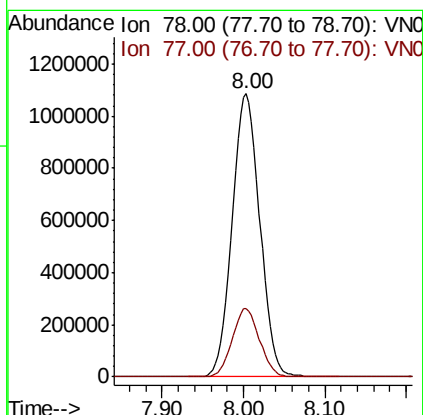
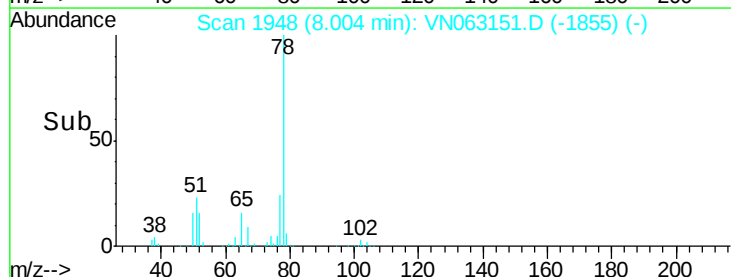
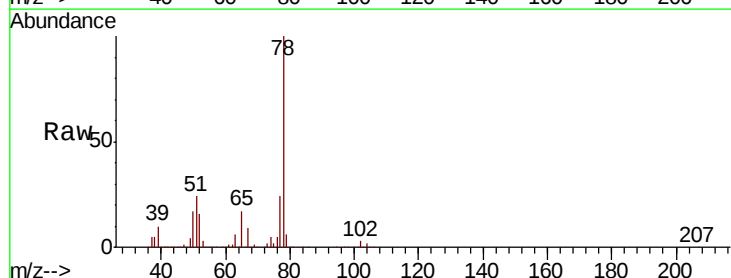
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

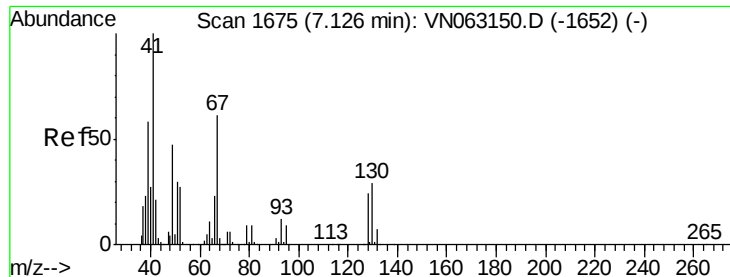
Tot Ion: 83 Resp: 975736
Ion Ratio Lower Upper
83 100
55 75.8 60.3 90.5
98 49.6 38.9 58.3



#40
Benzene
Concen: 88.187 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063151.D
Acq: 31 Aug 2020 14:35

Tgt Ion: 78 Resp: 2569771
Ion Ratio Lower Upper
78 100
77 24.1 19.3 28.9

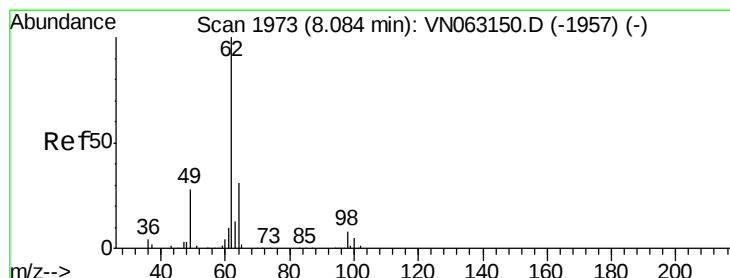
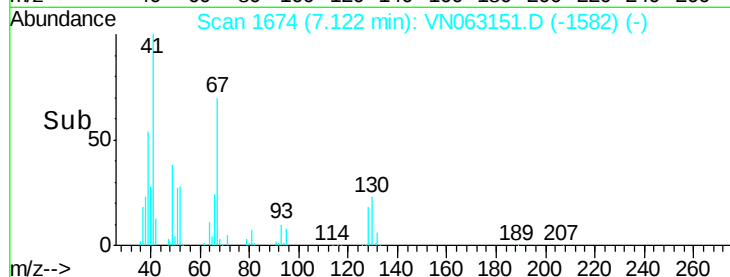
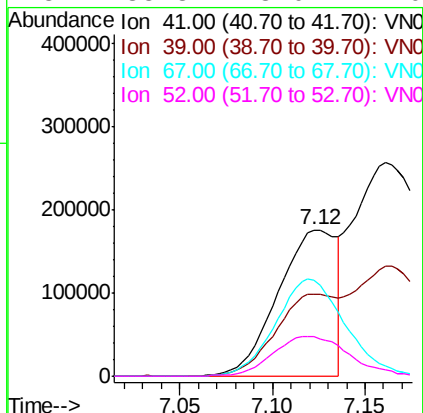
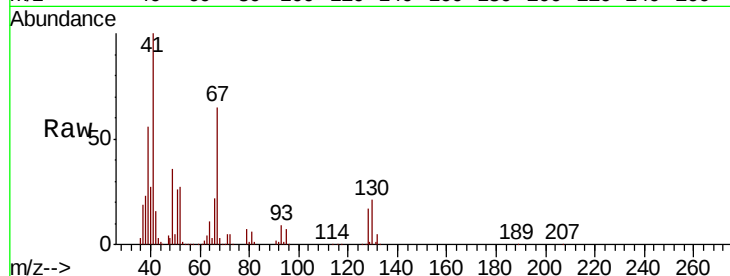




#41
Methacrylonitrile
Concen: 111.564 ug/l
RT: 7.12 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VN063151.D
Acq: 31 Aug 2020 14:35

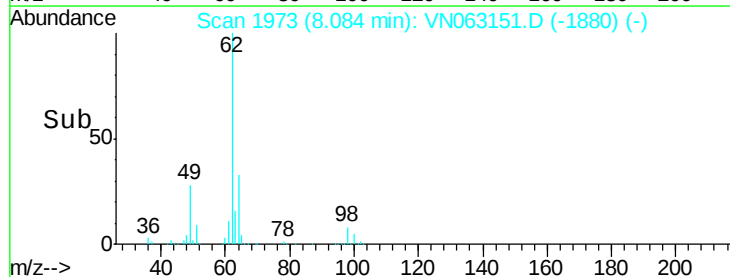
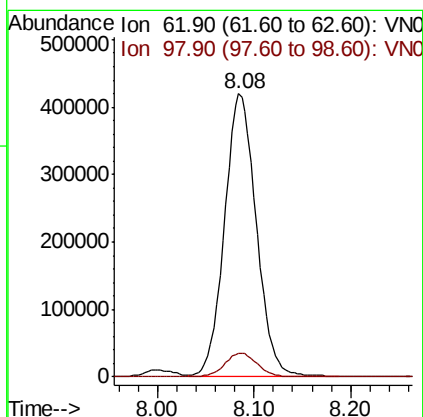
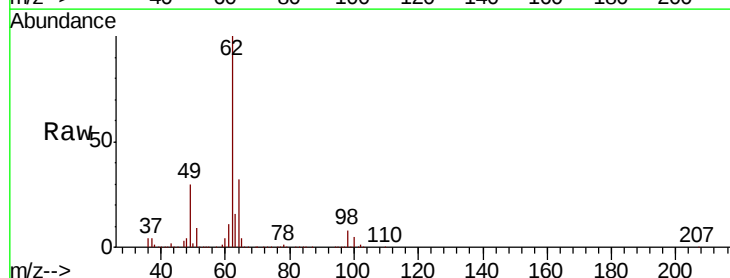
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

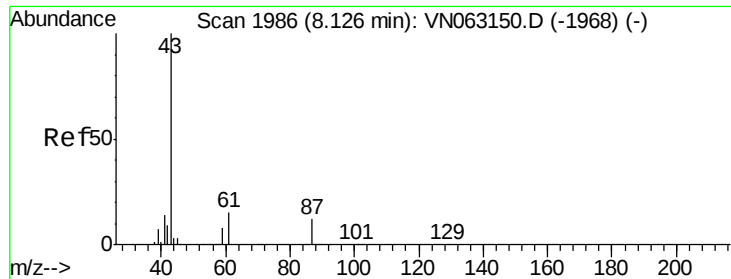
Tot Ion:	41	Resp:	385020
Ion	Ratio	Lower	Upper
41	100		
39	57.7	46.6	70.0
67	80.3	62.6	94.0
52	35.8	28.0	42.0



#42
1,2-Dichloroethane
Concen: 97.049 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VN063151.D
Acq: 31 Aug 2020 14:35

Tgt Ion:	62	Resp:	956085
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.2





#43

Isopropyl Acetate

Concen: 120.390 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN063151.D

Acq: 31 Aug 2020 14:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

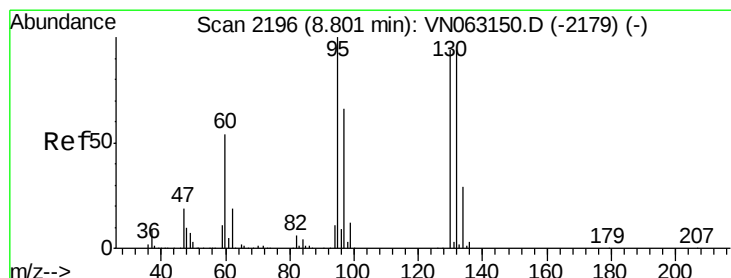
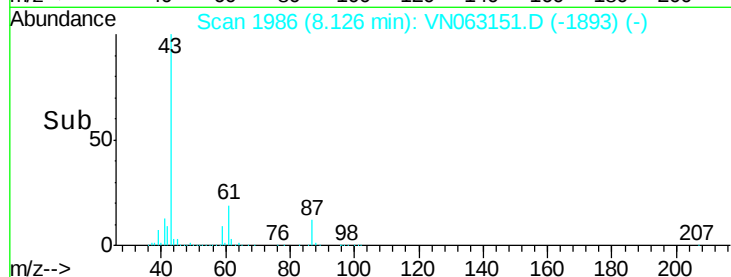
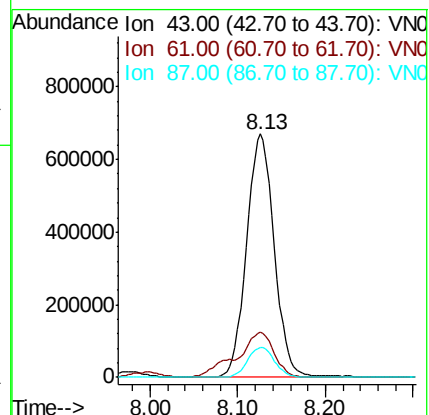
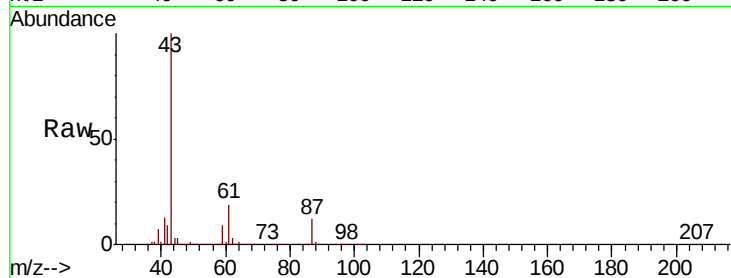
Tot Ion: 43 Resp: 1462771

Ion Ratio Lower Upper

43 100

61 18.5 20.2 30.4#

87 12.2 9.8 14.6



#44

Trichloroethene

Concen: 83.093 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN063151.D

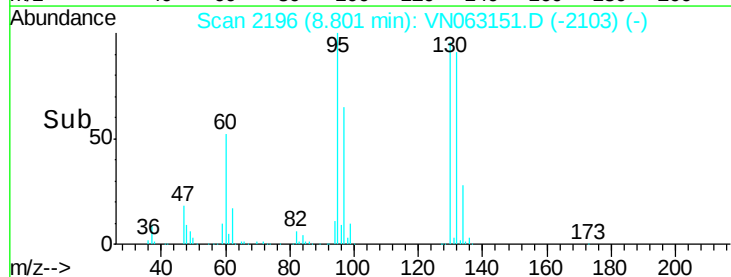
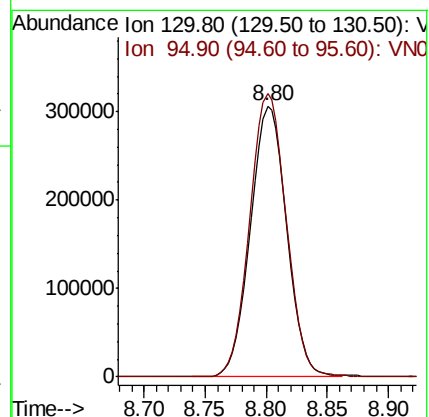
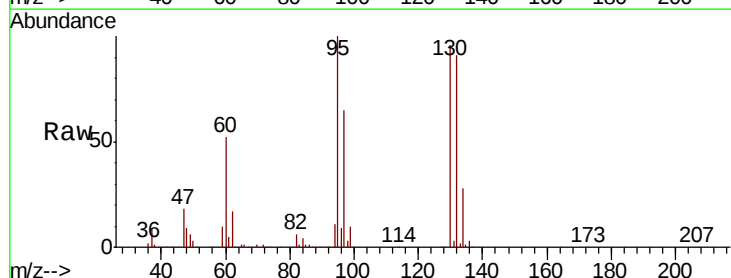
Acq: 31 Aug 2020 14:35

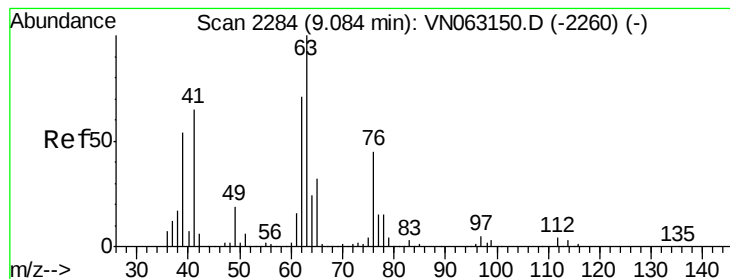
Tgt Ion:130 Resp: 628919

Ion Ratio Lower Upper

130 100

95 104.4 0.0 212.0





#45

1,2-Dichloropropane

Concen: 83.890 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. 0.00 min

Lab File: VN063151.D

Acq: 31 Aug 2020 14:35

Instrument :

MSVOA_N

ClientSampleId :

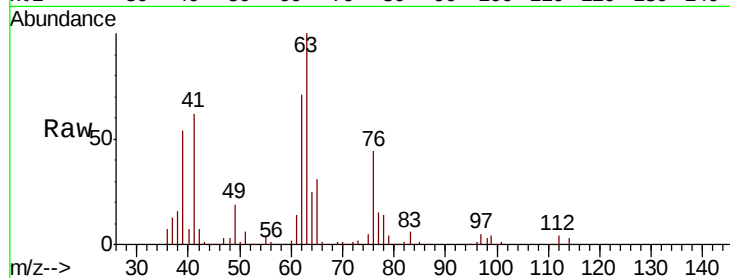
VSTDIC100

Tot Ion: 63 Resp: 657945

Ion Ratio Lower Upper

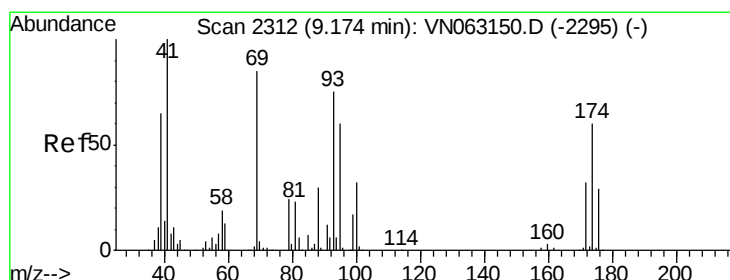
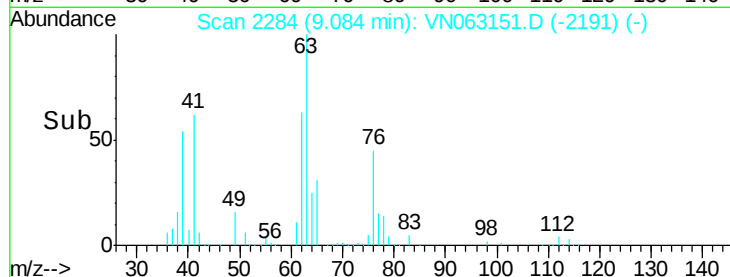
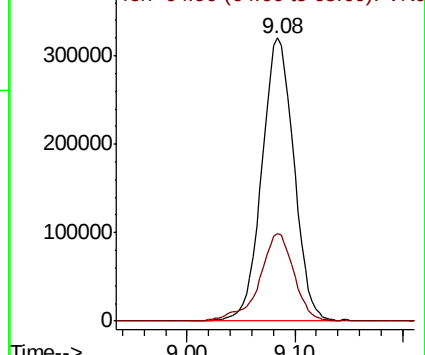
63 100

65 31.1 25.4 38.0



Abundance Ion 62.90 (62.60 to 63.60): VNO

Ion 64.90 (64.60 to 65.60): VNO



#46

Dibromomethane

Concen: 91.975 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN063151.D

Acq: 31 Aug 2020 14:35

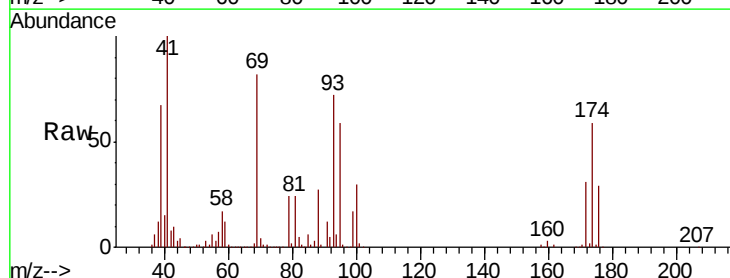
Tgt Ion: 93 Resp: 452926

Ion Ratio Lower Upper

93 100

95 83.7 65.2 97.8

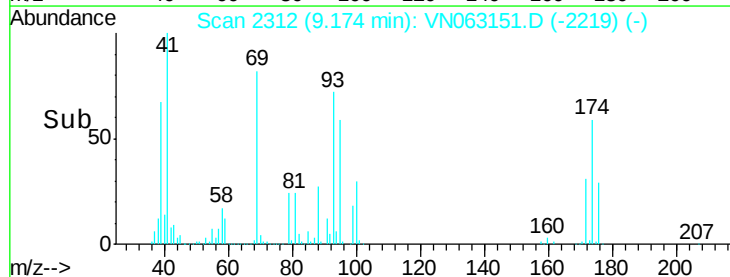
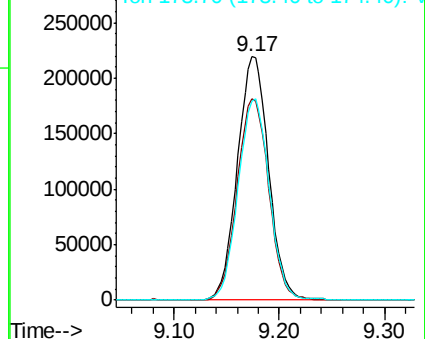
174 82.6 64.6 97.0

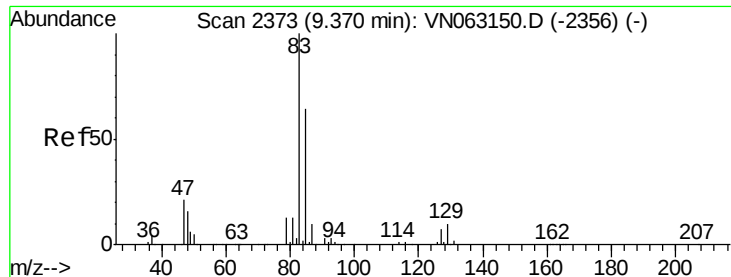


Abundance Ion 92.80 (92.50 to 93.50): VNO

Ion 94.80 (94.50 to 95.50): VNO

Ion 173.70 (173.40 to 174.40): VNO

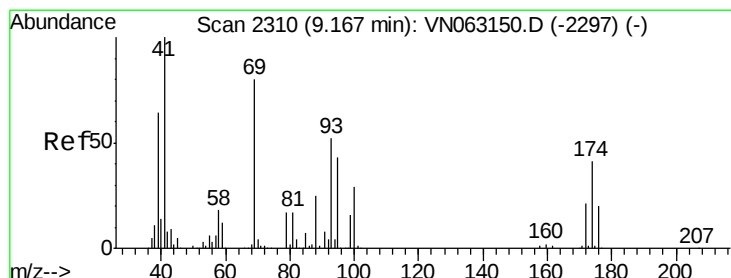
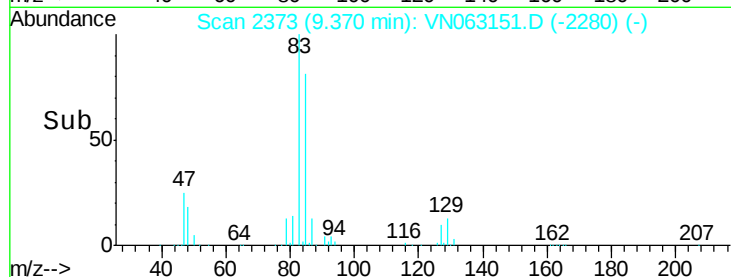
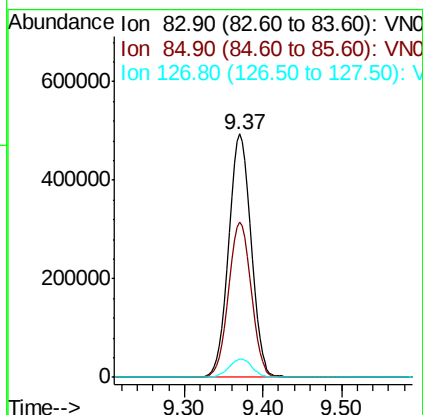
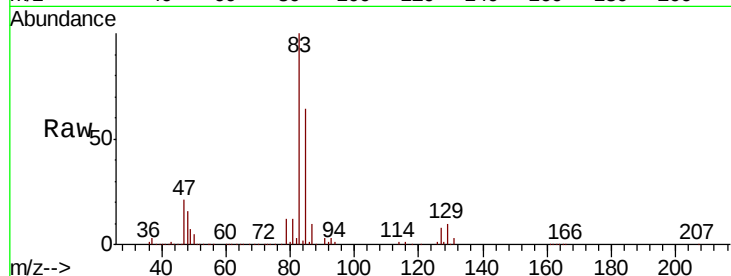




#47
Bromodichloromethane
Concen: 95.211 ug/l
RT: 9.37 min Scan# 2373
Delta R.T. 0.00 min
Lab File: VN063151.D
Acq: 31 Aug 2020 14:35

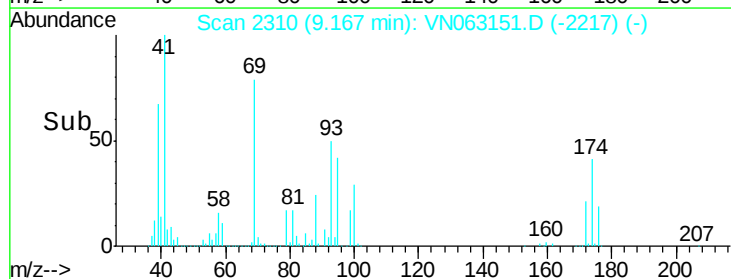
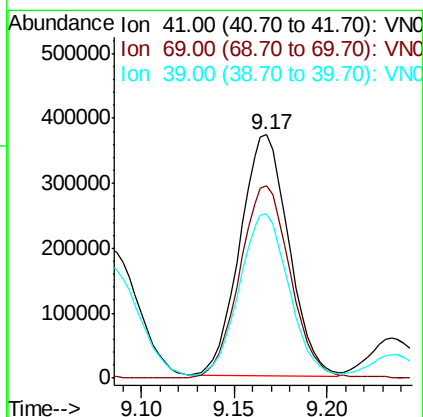
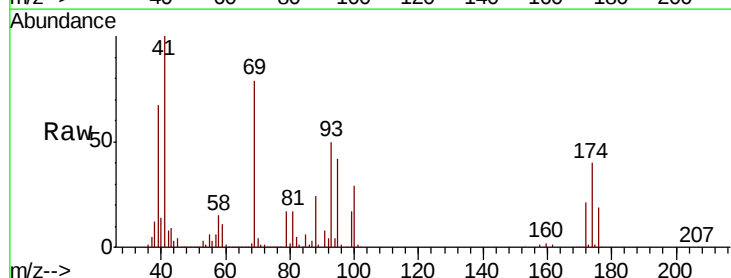
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

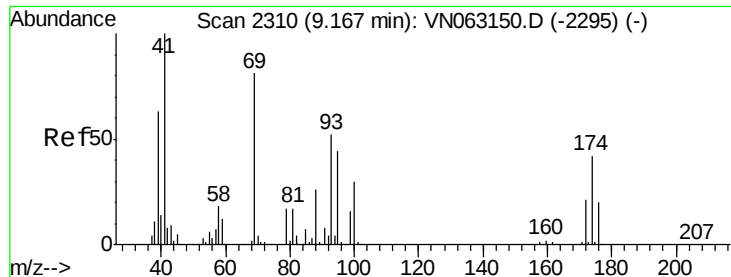
Tot Ion: 83 Resp: 973857
Ion Ratio Lower Upper
83 100
85 63.6 51.0 76.6
127 7.6 5.7 8.5



#48
Methyl methacrylate
Concen: 112.703 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN063151.D
Acq: 31 Aug 2020 14:35

Tgt Ion: 41 Resp: 676126
Ion Ratio Lower Upper
41 100
69 82.9 65.9 98.9
39 70.0 52.0 78.0

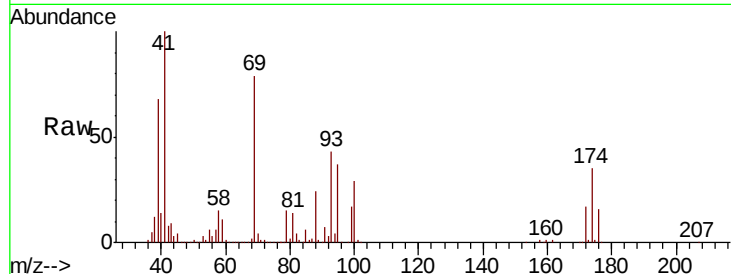




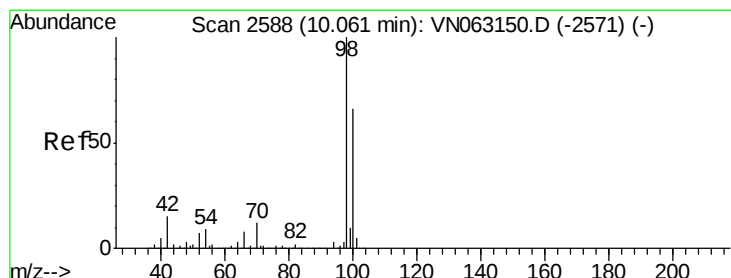
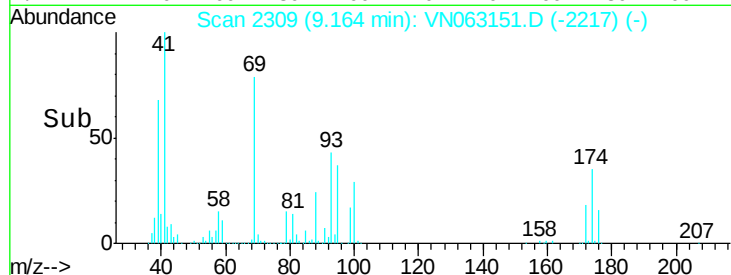
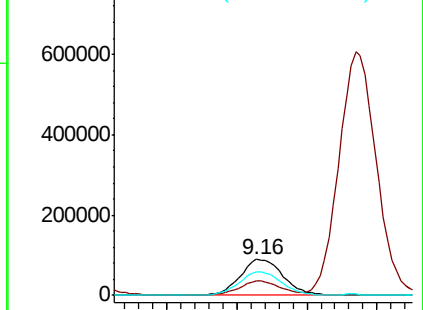
#49
1,4-Dioxane
Concen: 2222.361 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN063151.D
Acq: 31 Aug 2020 14:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion: 88 Resp: 189330
Ion Ratio Lower Upper
88 100
43 36.4 28.6 42.8
58 65.3 53.2 79.8

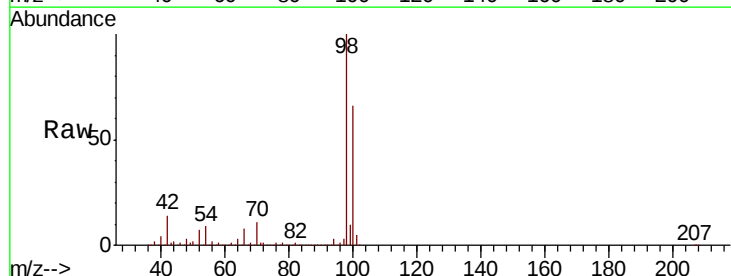


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

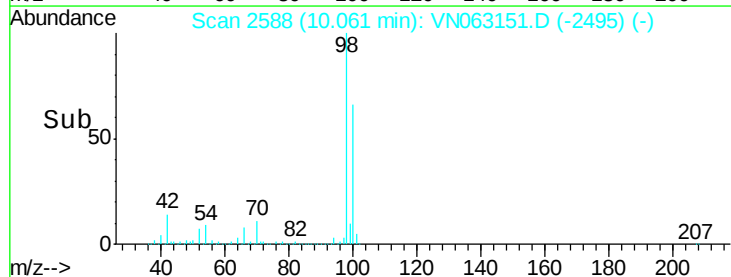
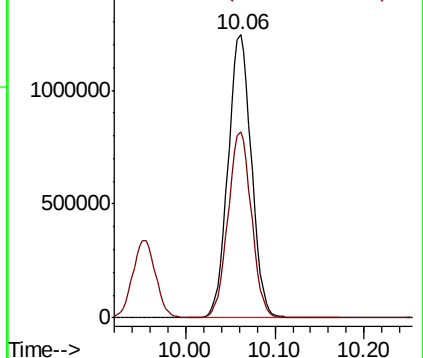


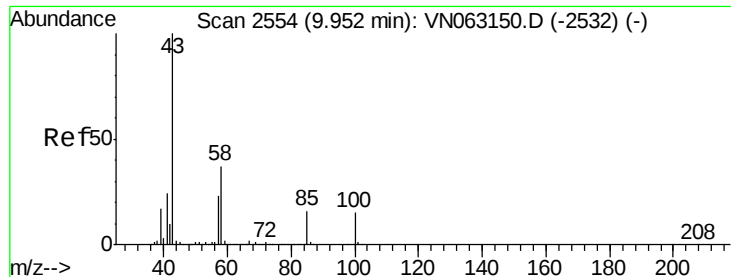
#50
Toluene-d8
Concen: 87.408 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN063151.D
Acq: 31 Aug 2020 14:35

Tgt Ion: 98 Resp: 2255178
Ion Ratio Lower Upper
98 100
100 66.0 52.0 78.0



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

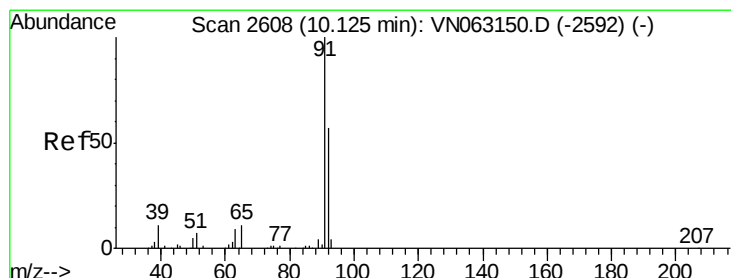
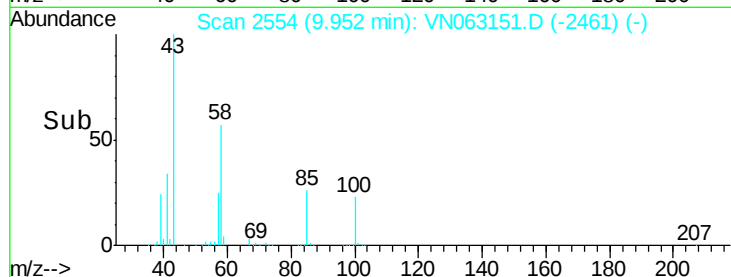
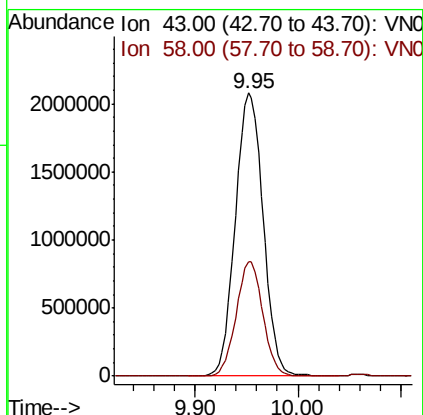
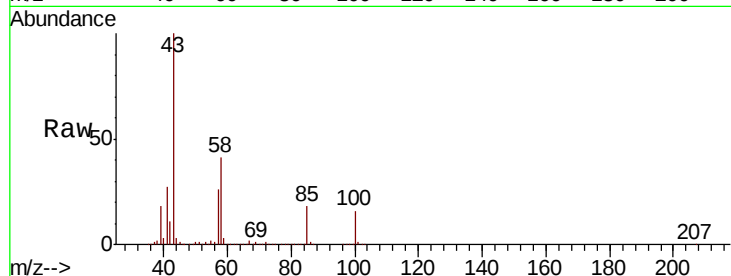




#51
 4-Methyl-2-Pentanone
 Concen: 577.880 ug/l
 RT: 9.95 min Scan# 2554
 Delta R.T. 0.00 min
 Lab File: VN063151.D
 Acq: 31 Aug 2020 14:35

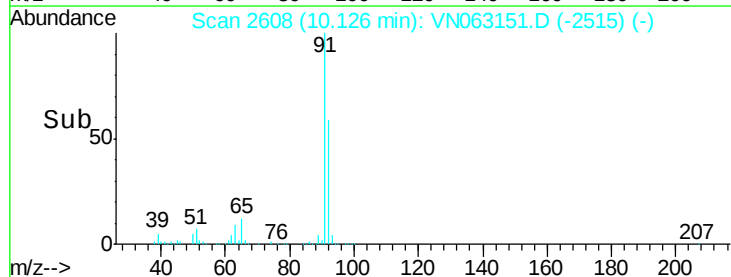
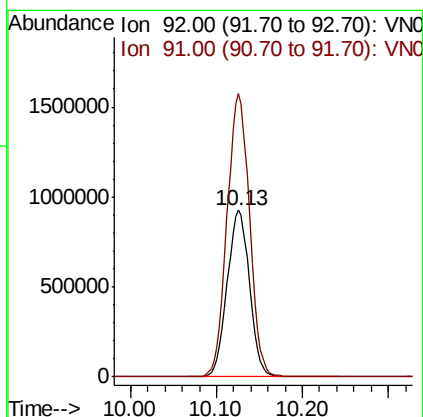
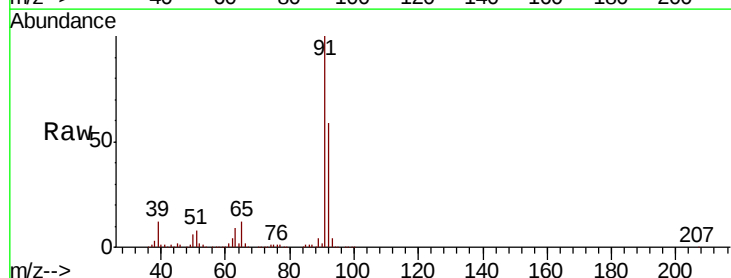
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

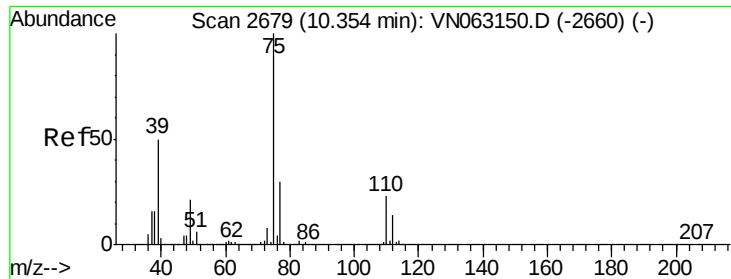
Tot Ion: 43 Resp: 3908585
 Ion Ratio Lower Upper
 43 100
 58 38.8 29.2 43.8



#52
 Toluene
 Concen: 96.100 ug/l
 RT: 10.13 min Scan# 2608
 Delta R.T. 0.00 min
 Lab File: VN063151.D
 Acq: 31 Aug 2020 14:35

Tgt Ion: 92 Resp: 1666266
 Ion Ratio Lower Upper
 92 100
 91 171.4 141.2 211.8





#53

t-1,3-Dichloropropene

Concen: 107.776 ug/l

RT: 10.35 min Scan# 2679

Delta R.T. 0.00 min

Lab File: VN063151.D

Acq: 31 Aug 2020 14:35

Instrument :

MSVOA_N

ClientSampleId :

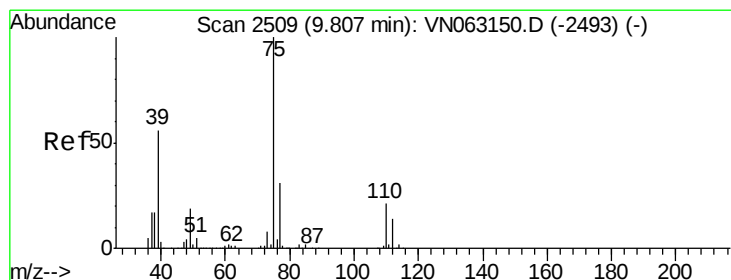
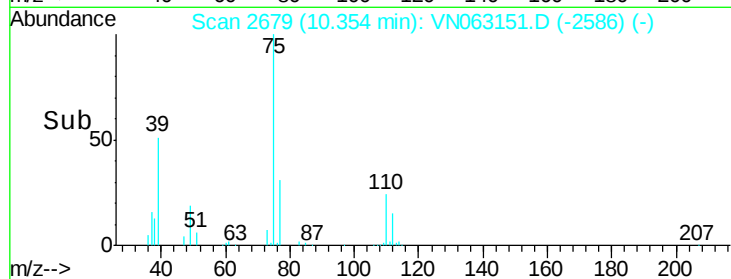
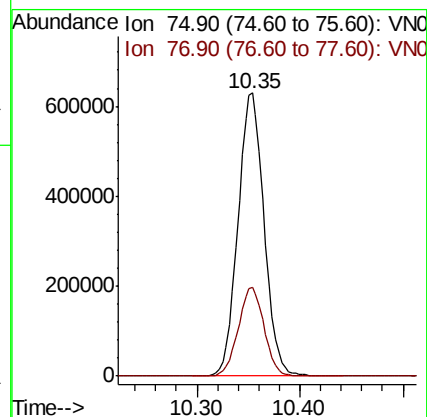
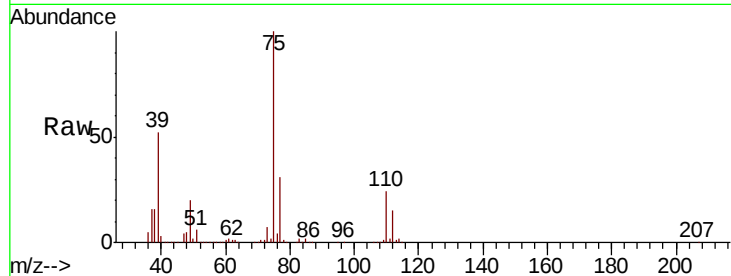
VSTDIC100

Tot Ion: 75 Resp: 1109927

Ion Ratio Lower Upper

75 100

77 31.2 24.2 36.2



#54

cis-1,3-Dichloropropene

Concen: 103.653 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN063151.D

Acq: 31 Aug 2020 14:35

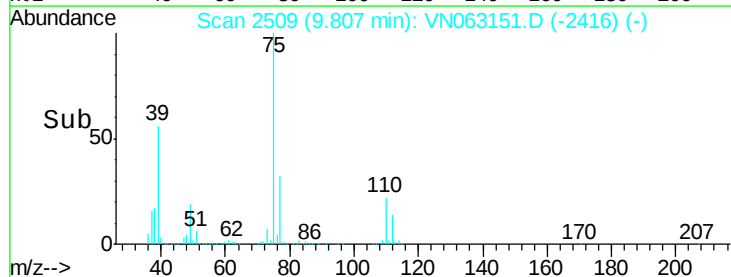
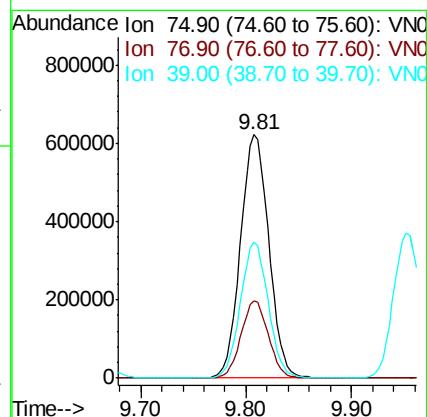
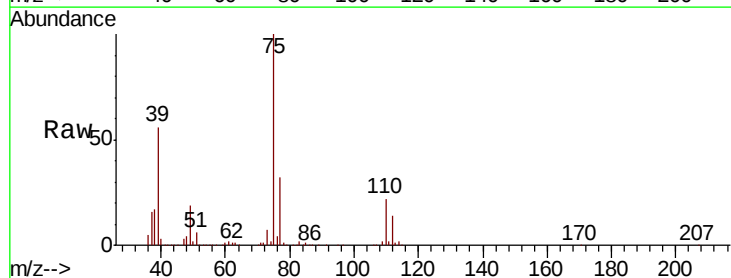
Tgt Ion: 75 Resp: 1161060

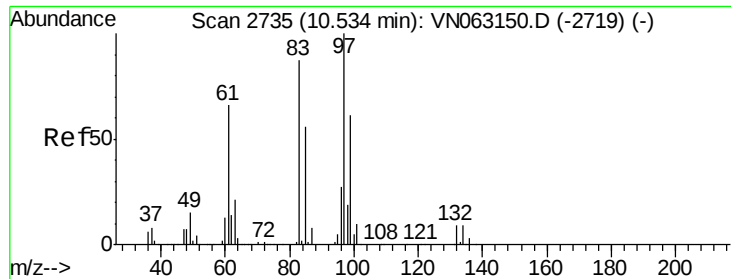
Ion Ratio Lower Upper

75 100

77 31.7 24.8 37.2

39 55.8 45.0 67.6

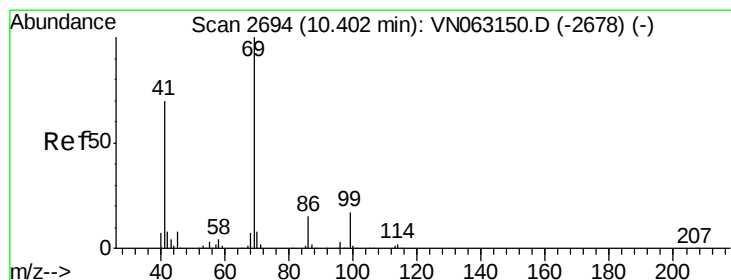
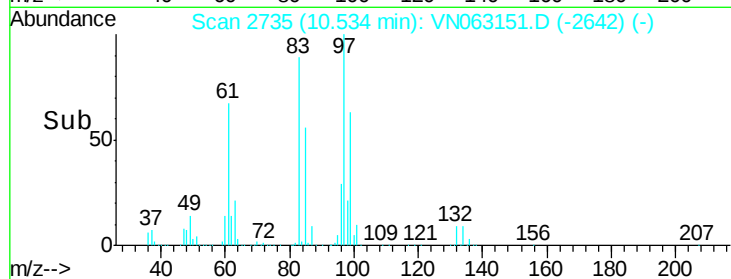
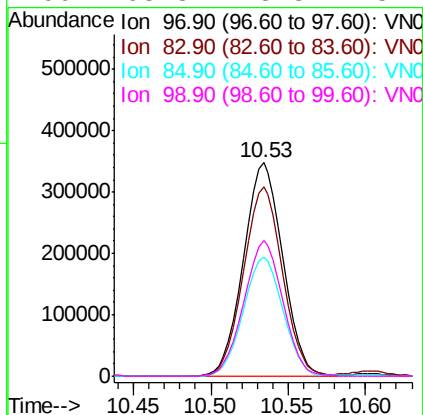
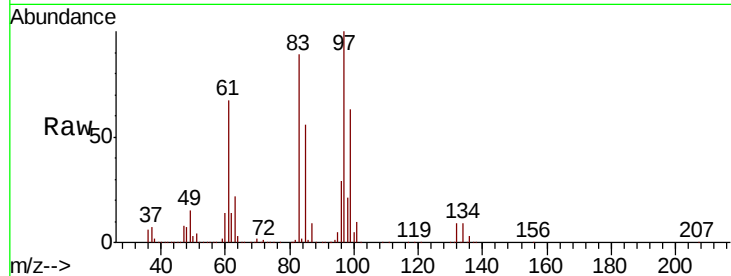




#55
 1,1,2-Trichloroethane
 Concen: 85.629 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN063151.D
 Acq: 31 Aug 2020 14:35

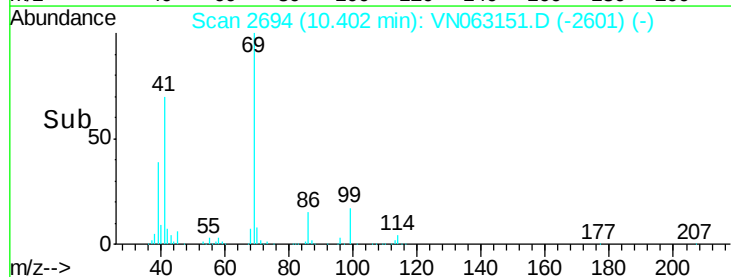
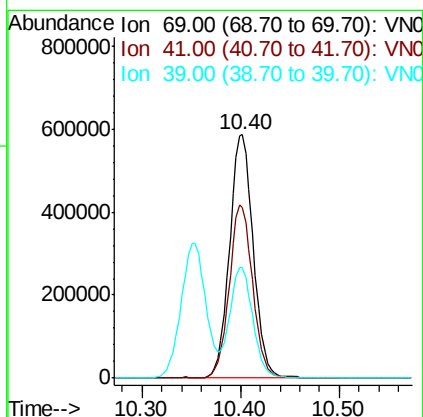
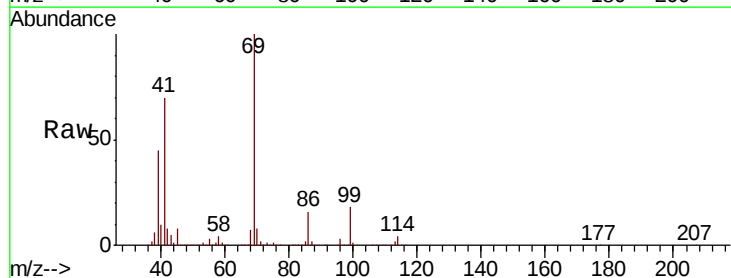
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC100

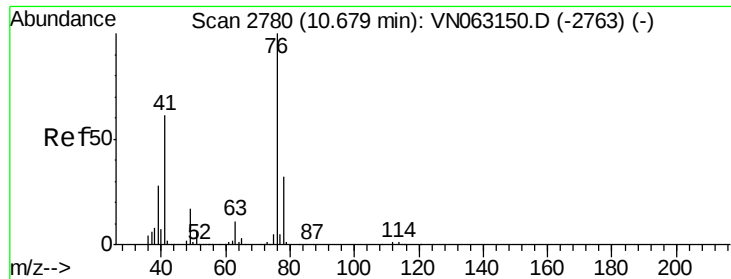
Tot Ion:	97	Resp:	615874
Ion	Ratio	Lower	Upper
97	100		
83	88.9	69.8	104.8
85	55.6	44.9	67.3
99	63.3	48.8	73.2



#56
 Ethyl methacrylate
 Concen: 114.683 ug/l
 RT: 10.40 min Scan# 2694
 Delta R.T. 0.00 min
 Lab File: VN063151.D
 Acq: 31 Aug 2020 14:35

Tgt Ion:	69	Resp:	985618
Ion	Ratio	Lower	Upper
69	100		
41	69.5	55.5	83.3
39	45.1	38.2	57.2

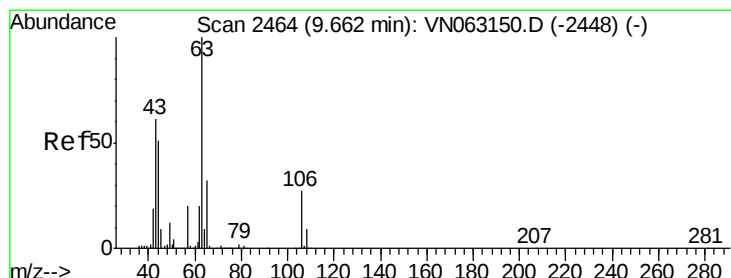
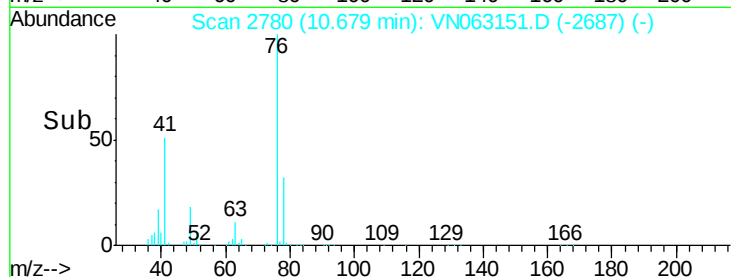
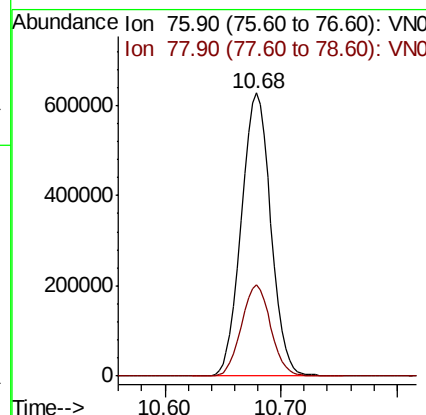
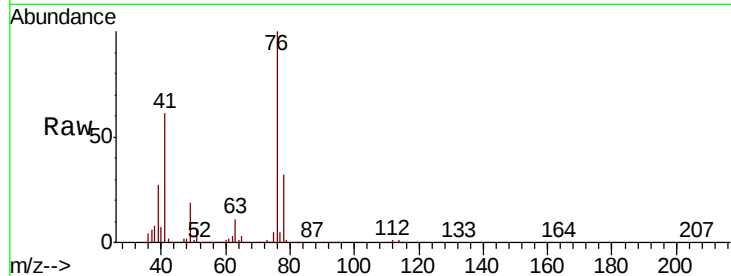




#57
 1,3-Dichloropropane
 Concen: 96.364 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. 0.00 min
 Lab File: VN063151.D
 Acq: 31 Aug 2020 14:35

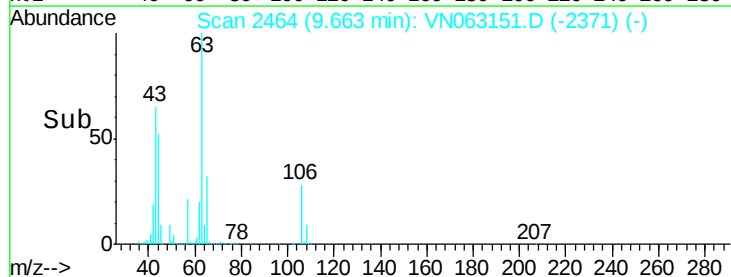
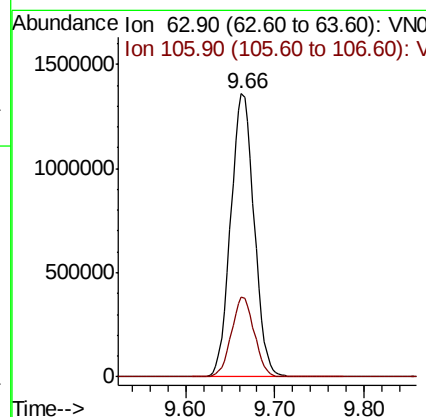
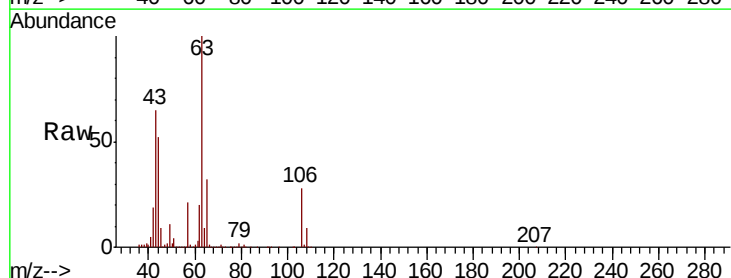
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

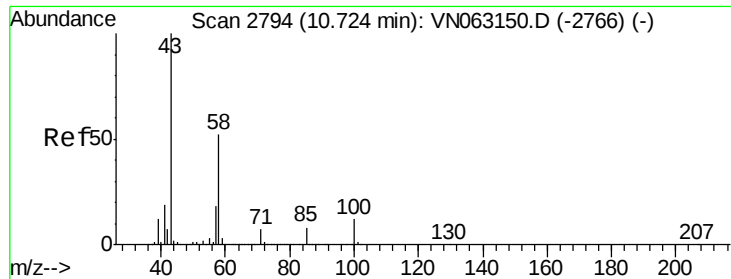
Tot Ion: 76 Resp: 1104546
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 620.871 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN063151.D
 Acq: 31 Aug 2020 14:35

Tgt Ion: 63 Resp: 2473758
 Ion Ratio Lower Upper
 63 100
 106 27.5 21.8 32.6

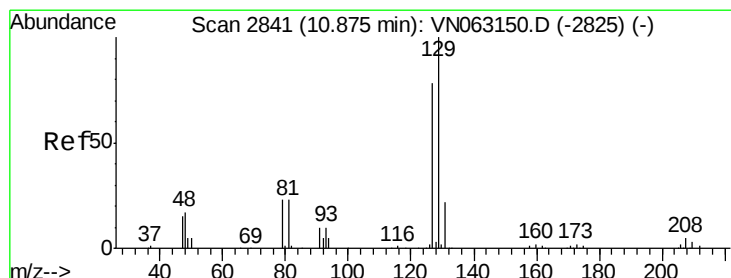
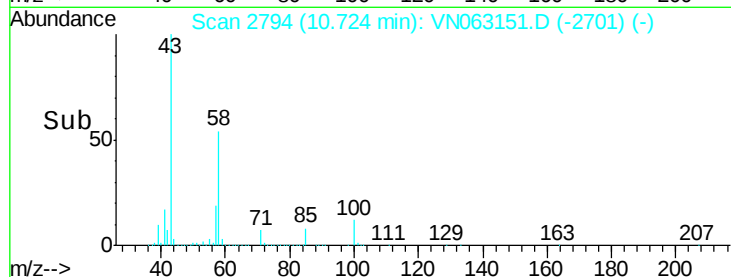
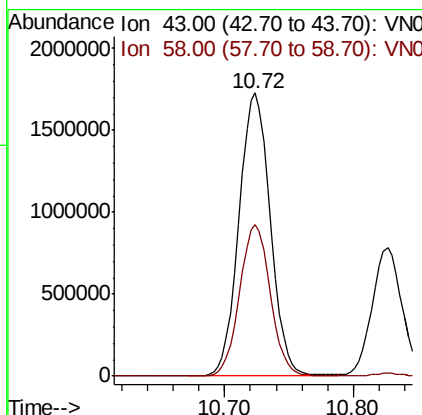
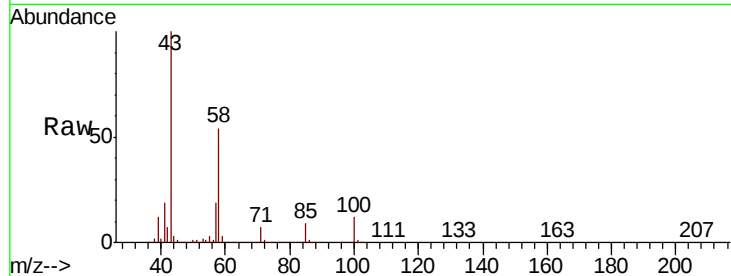




#59
2-Hexanone
Concen: 635.384 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN063151.D
Acq: 31 Aug 2020 14:35

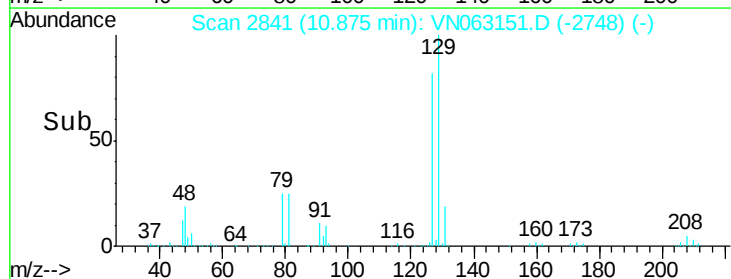
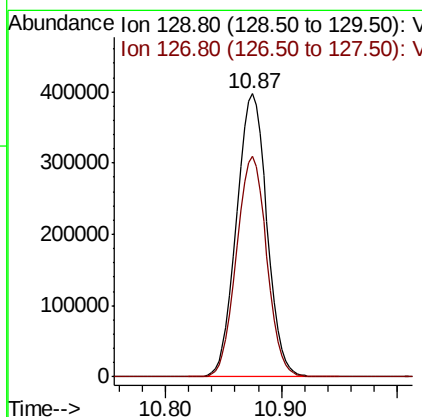
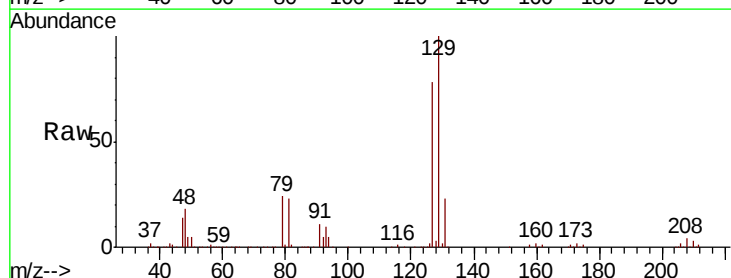
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

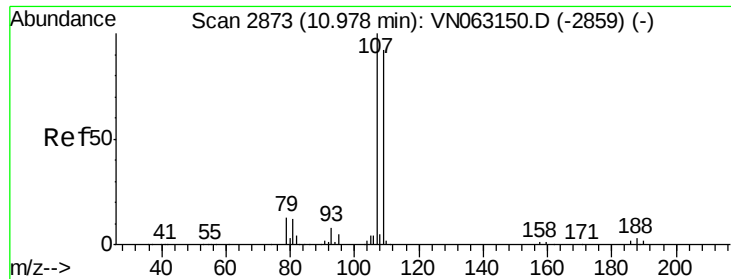
Tot Ion: 43 Resp: 2916396
Ion Ratio Lower Upper
43 100
58 52.8 25.9 77.8



#60
Dibromochloromethane
Concen: 91.778 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN063151.D
Acq: 31 Aug 2020 14:35

Tgt Ion: 129 Resp: 721185
Ion Ratio Lower Upper
129 100
127 77.7 39.0 117.0

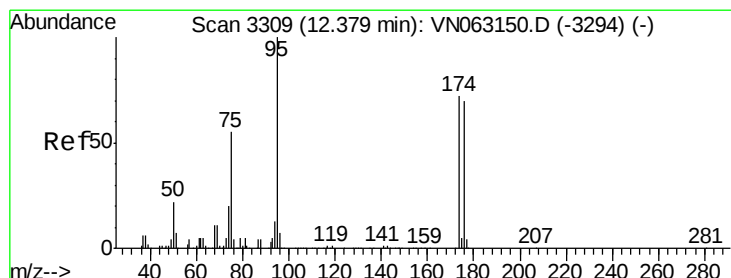
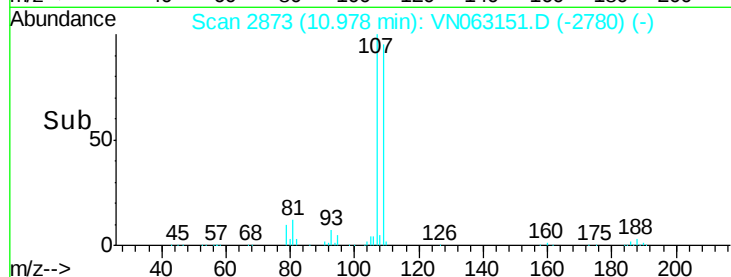
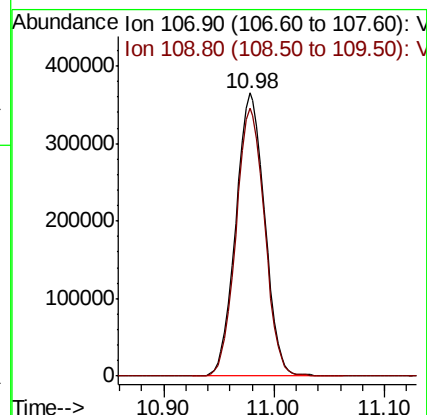
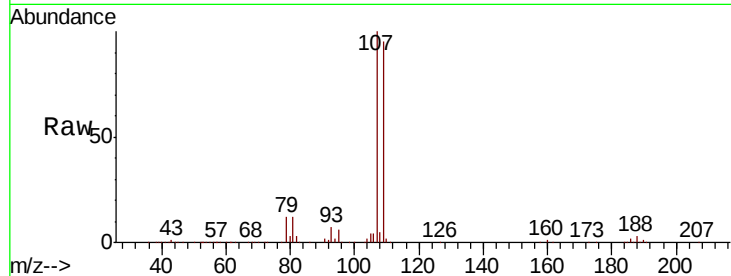




#61
 1,2-Dibromoethane
 Concen: 97.816 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN063151.D
 Acq: 31 Aug 2020 14:35

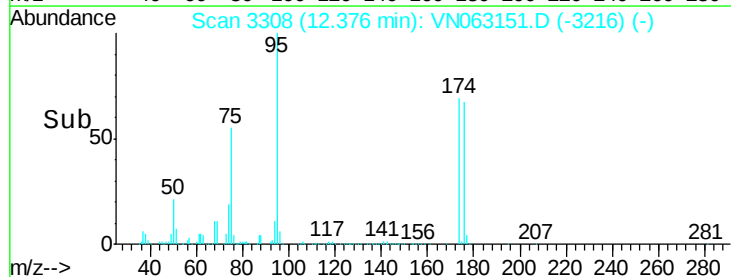
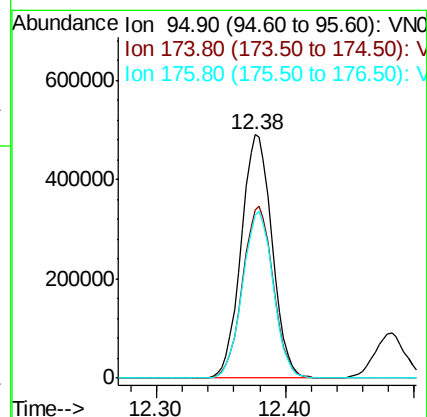
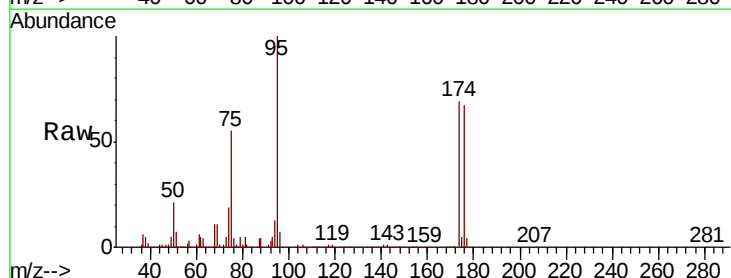
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

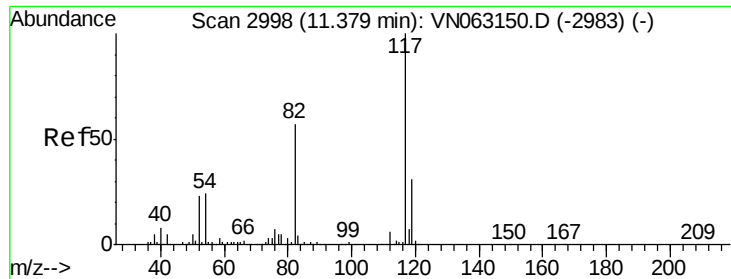
Tot Ion:107 Resp: 663105
 Ion Ratio Lower Upper
 107 100
 109 93.9 73.4 110.0



#62
 4-Bromofluorobenzene
 Concen: 92.023 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. -0.00 min
 Lab File: VN063151.D
 Acq: 31 Aug 2020 14:35

Tgt Ion: 95 Resp: 820256
 Ion Ratio Lower Upper
 95 100
 174 69.9 0.0 143.8
 176 67.7 0.0 138.4

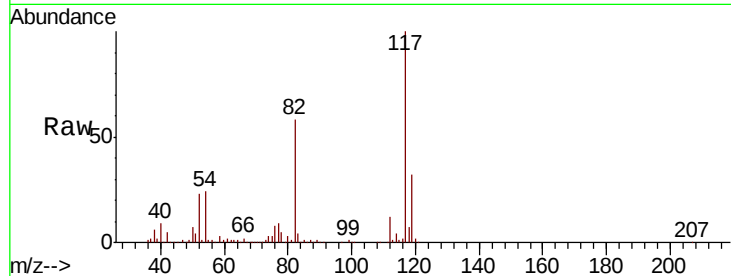




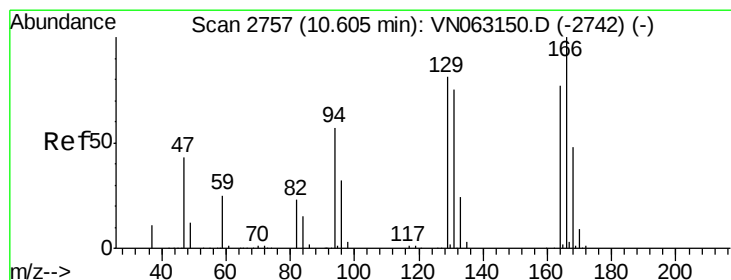
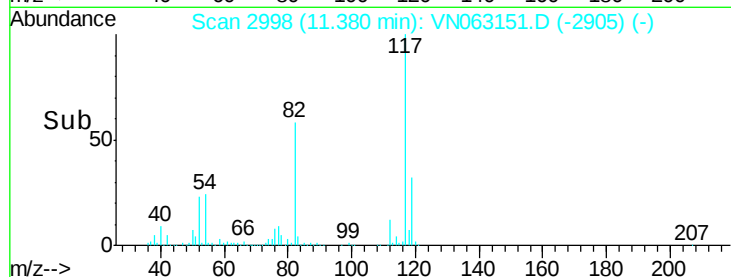
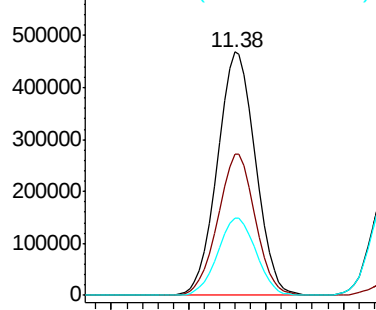
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063151.D
Acq: 31 Aug 2020 14:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion:117 Resp: 803402
Ion Ratio Lower Upper
117 100
82 57.8 45.4 68.0
119 31.8 24.6 37.0

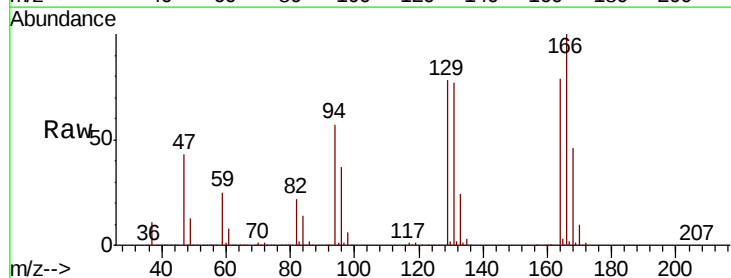


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

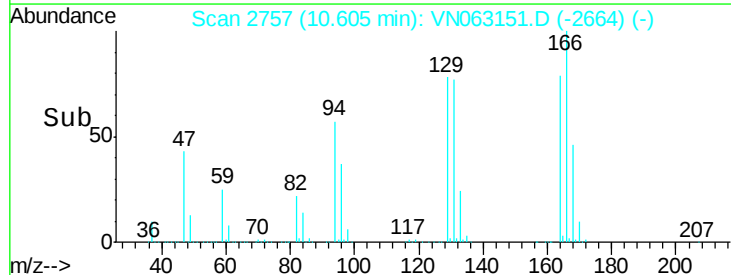
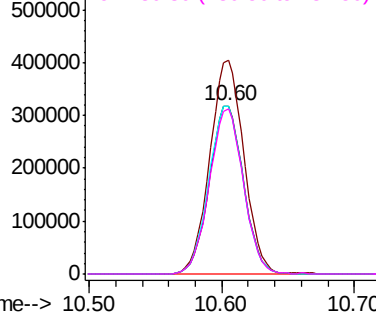


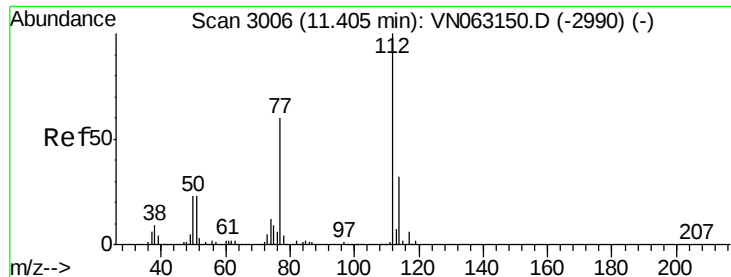
#64
Tetrachloroethene
Concen: 80.491 ug/l
RT: 10.60 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VN063151.D
Acq: 31 Aug 2020 14:35

Tgt Ion:164 Resp: 566145
Ion Ratio Lower Upper
164 100
166 127.3 103.4 155.2
129 99.9 83.4 125.0
131 98.1 77.8 116.8



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

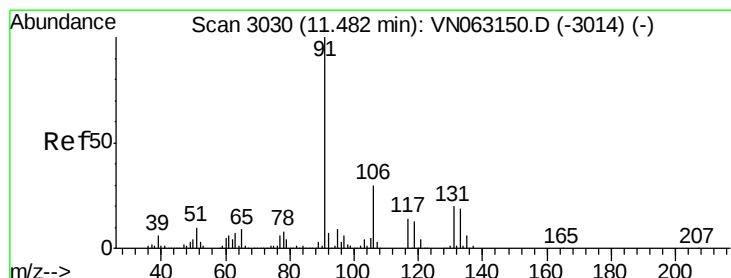
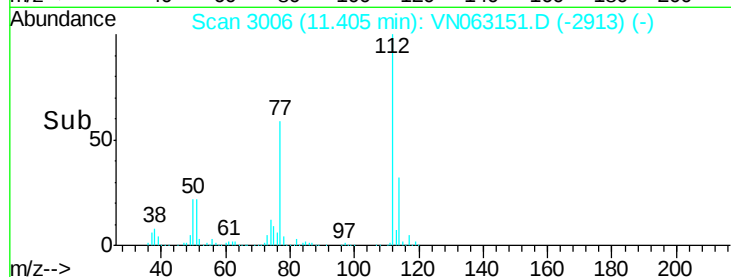
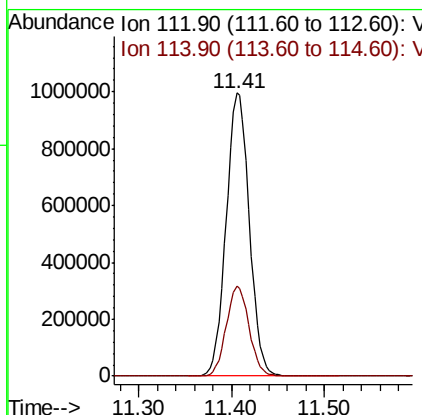
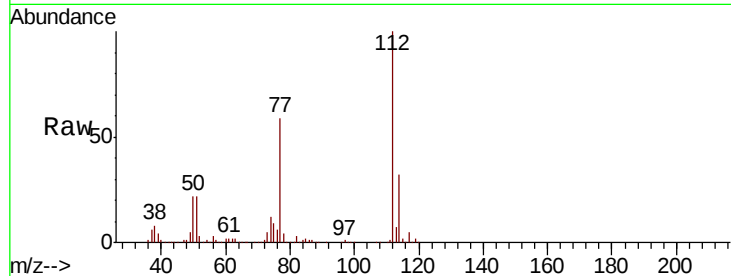




#65
Chlorobenzene
Concen: 86.972 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN063151.D
Acq: 31 Aug 2020 14:35

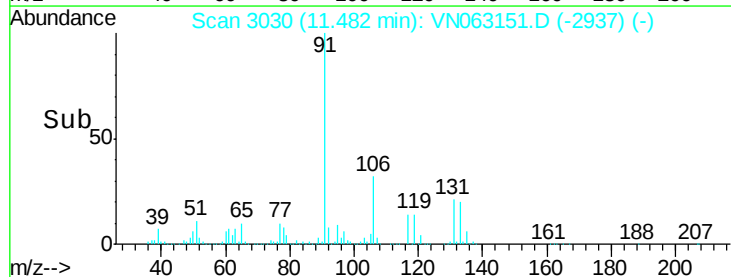
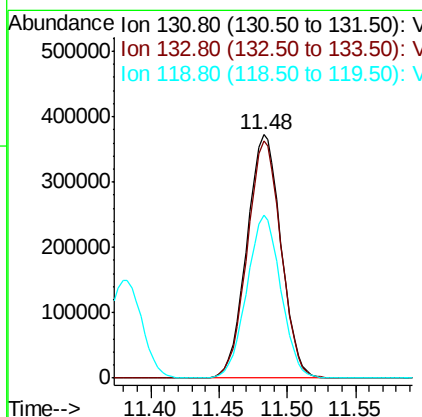
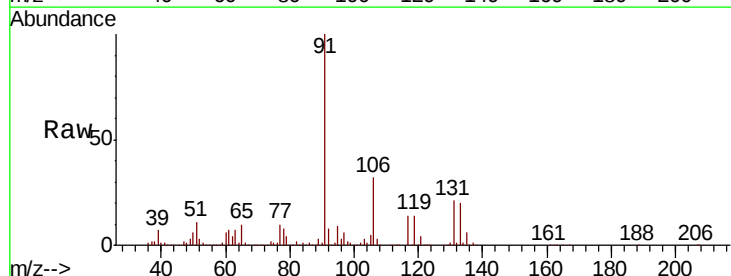
Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

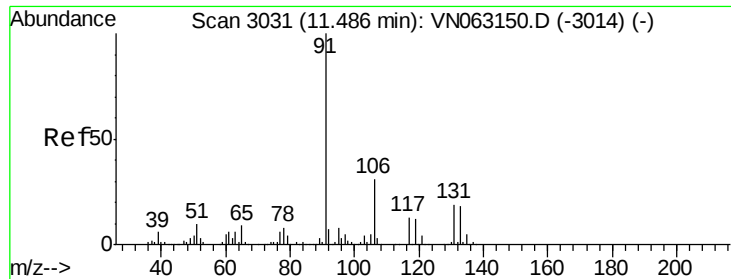
Tot Ion:112 Resp: 1719096
Ion Ratio Lower Upper
112 100
114 31.6 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 84.476 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN063151.D
Acq: 31 Aug 2020 14:35

Tgt Ion:131 Resp: 647897
Ion Ratio Lower Upper
131 100
133 96.4 47.3 142.0
119 66.5 32.4 97.0

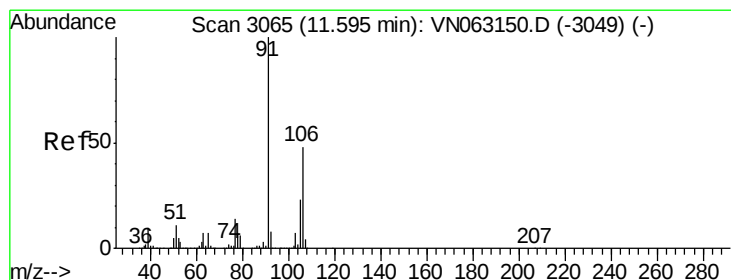
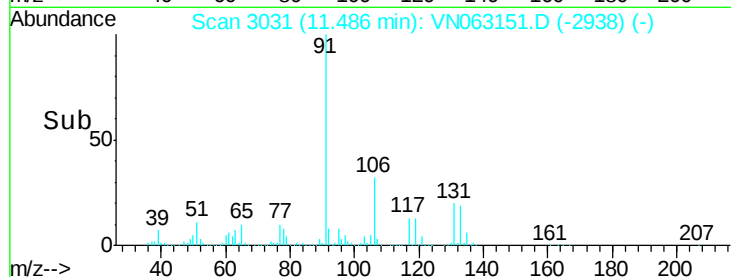
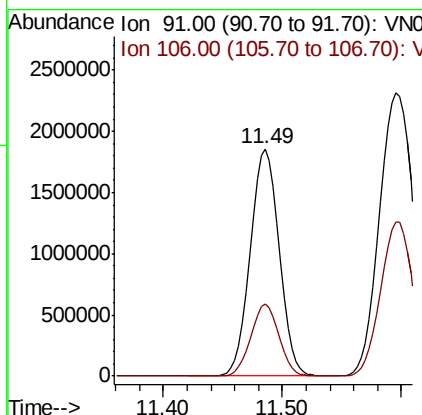
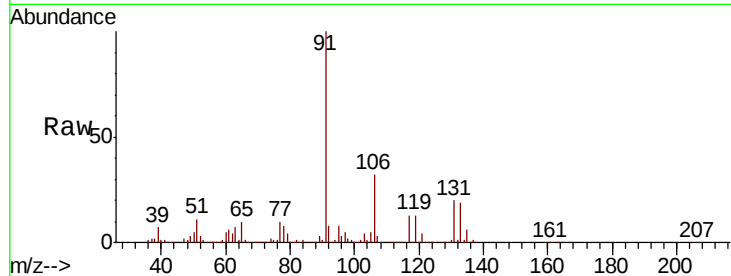




#67
Ethyl Benzene
Concen: 96.518 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. 0.00 min
Lab File: VN063151.D
Acq: 31 Aug 2020 14:35

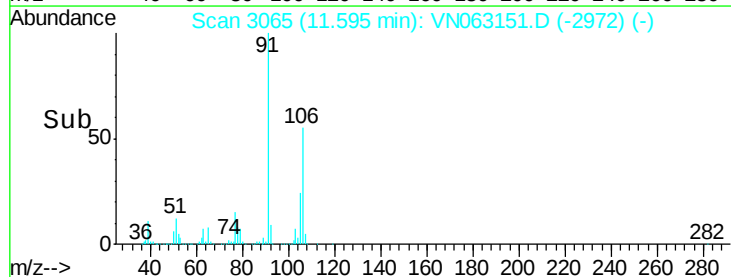
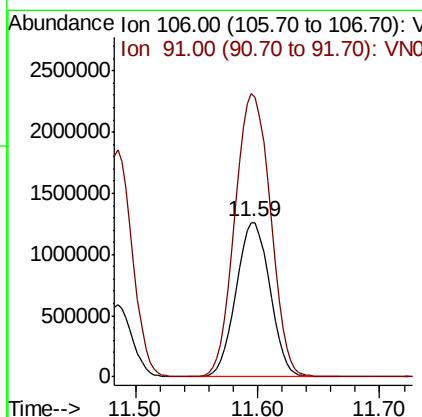
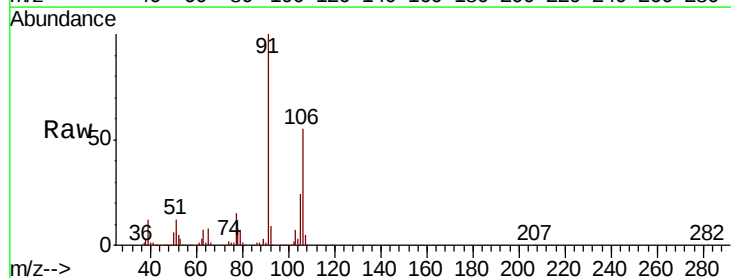
Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

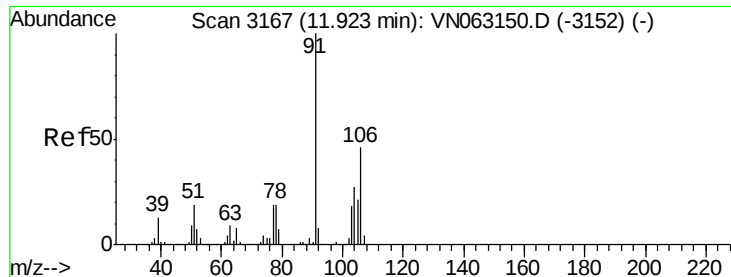
Tot Ion: 91 Resp: 3126131
Ion Ratio Lower Upper
91 100
106 32.0 24.4 36.6



#68
m/p-Xylenes
Concen: 199.472 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN063151.D
Acq: 31 Aug 2020 14:35

Tgt Ion: 106 Resp: 2421451
Ion Ratio Lower Upper
106 100
91 193.2 166.7 250.1

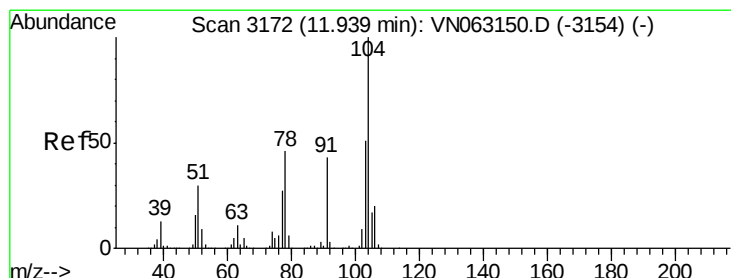
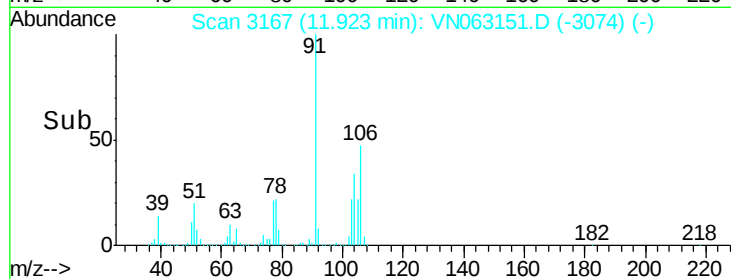
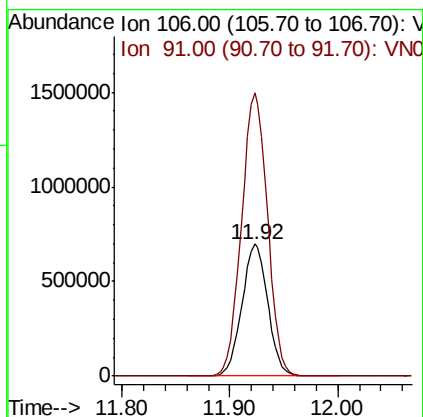
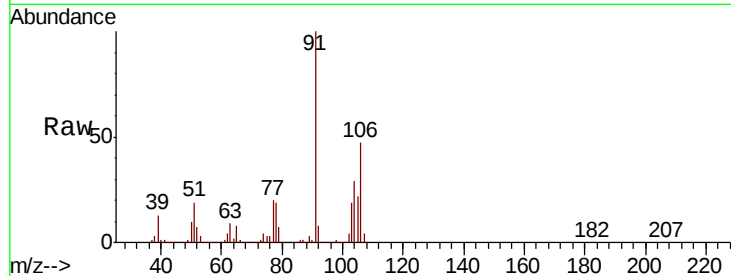




#69
o-Xylene
Concen: 98.767 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063151.D
Acq: 31 Aug 2020 14:35

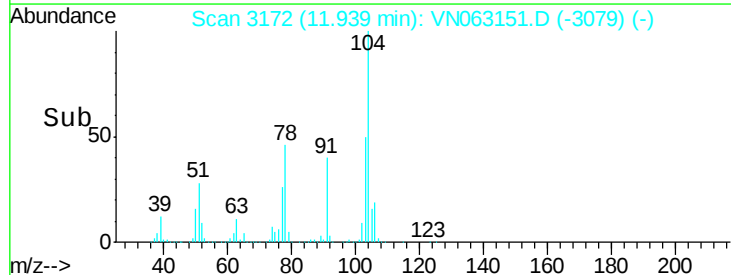
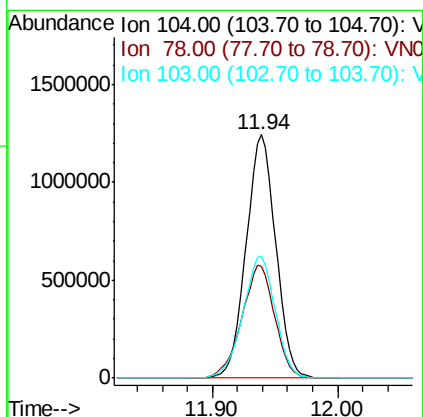
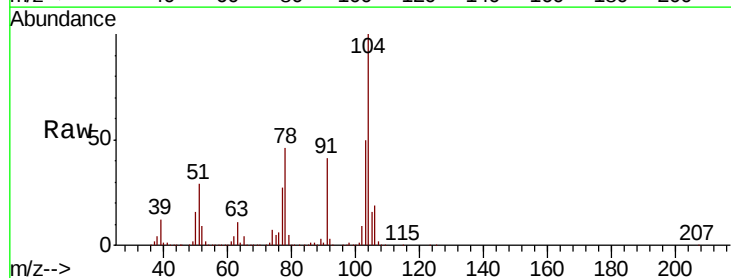
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

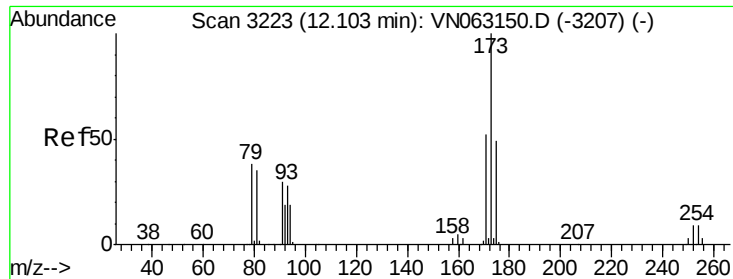
Tot Ion:106 Resp: 1155246
Ion Ratio Lower Upper
106 100
91 215.7 108.6 325.6



#70
Styrene
Concen: 107.574 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN063151.D
Acq: 31 Aug 2020 14:35

Tgt Ion:104 Resp: 2048206
Ion Ratio Lower Upper
104 100
78 51.3 41.0 61.6
103 54.6 43.8 65.8





#71

Bromoform

Concen: 88.169 ug/l

RT: 12.10 min Scan# 3223

Delta R.T. 0.00 min

Lab File: VN063151.D

Acq: 31 Aug 2020 14:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

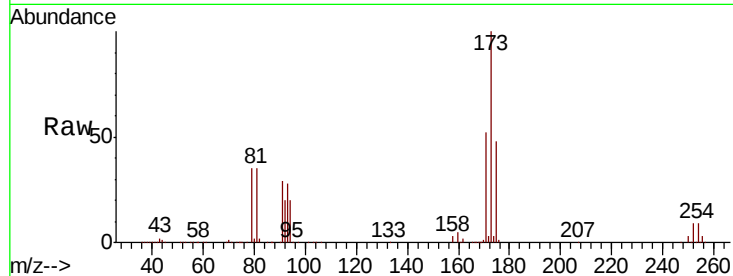
Tot Ion:173 Resp: 474934

Ion Ratio Lower Upper

173 100

175 47.3 24.6 73.8

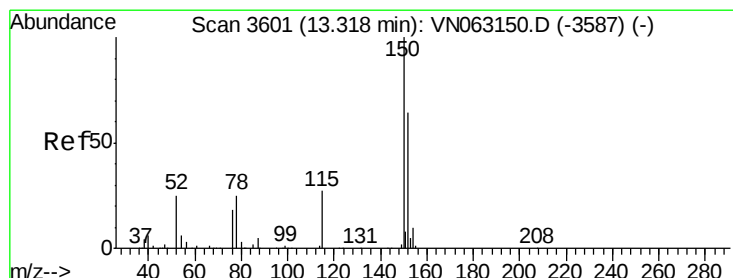
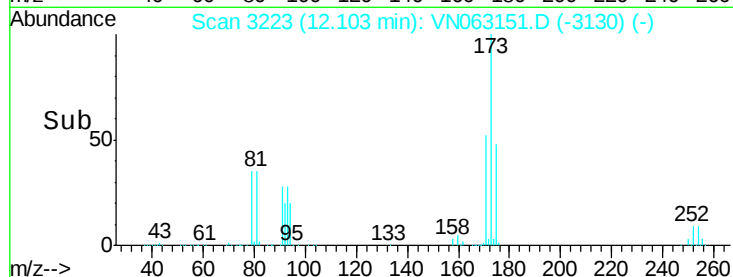
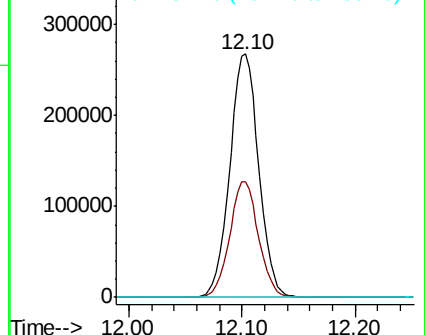
254 0.1 0.0 0.0#



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: VN063151.D

Acq: 31 Aug 2020 14:35

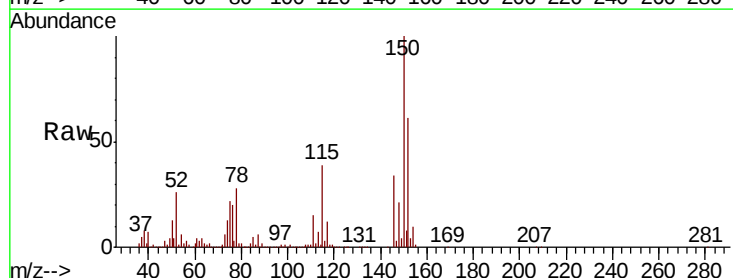
Tgt Ion:152 Resp: 393531

Ion Ratio Lower Upper

152 100

115 63.7 32.0 96.2

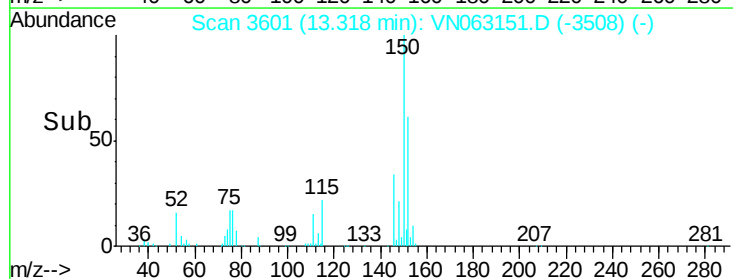
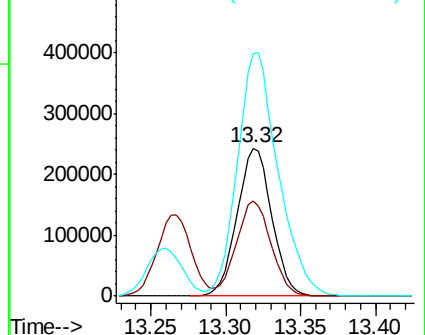
150 192.8 0.0 353.0

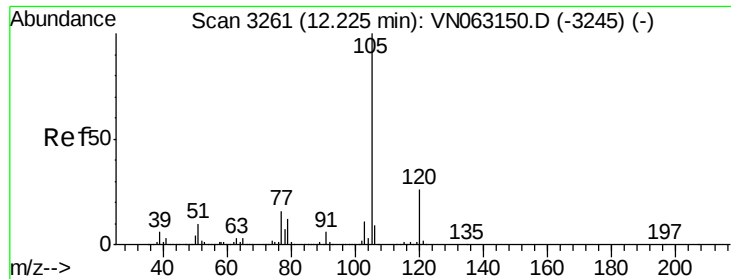


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

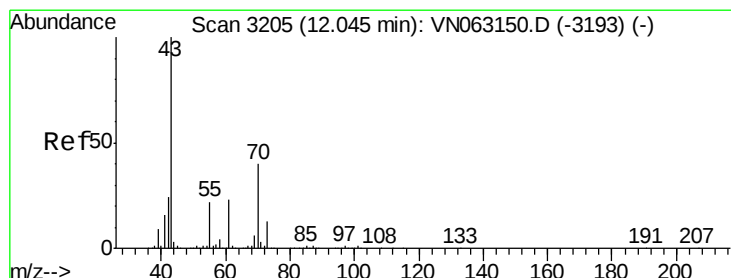
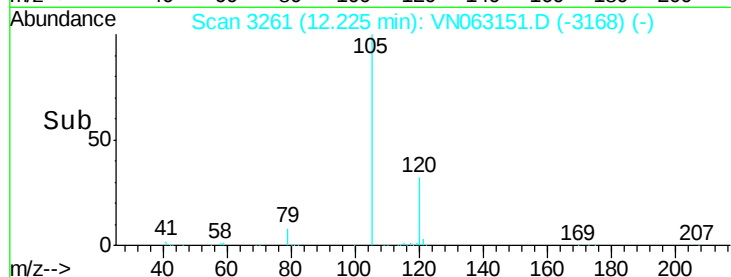
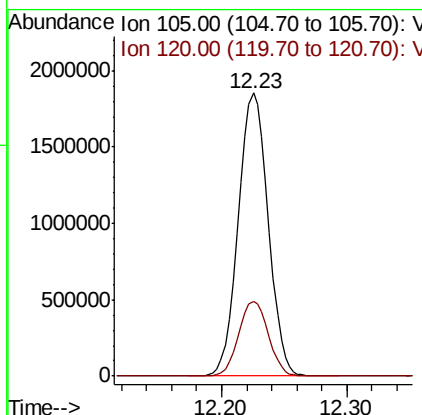
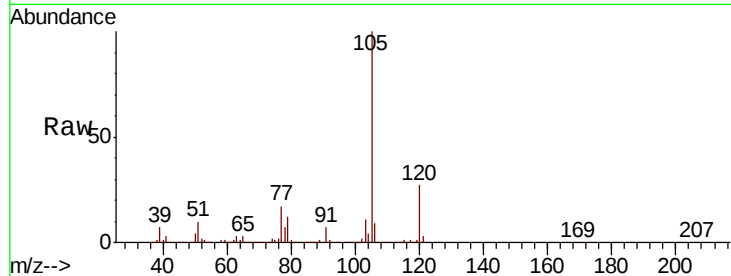




#73
Isopropylbenzene
Concen: 100.958 ug/l
RT: 12.23 min Scan# 3261
Delta R.T. 0.00 min
Lab File: VN063151.D
Acq: 31 Aug 2020 14:35

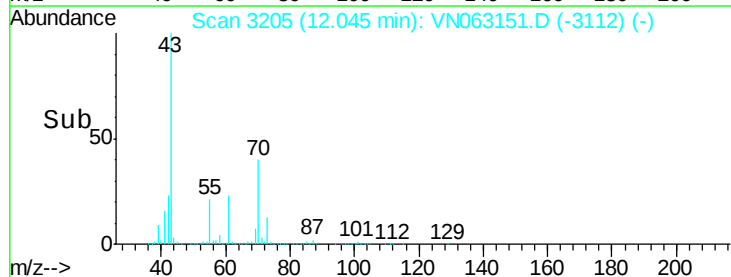
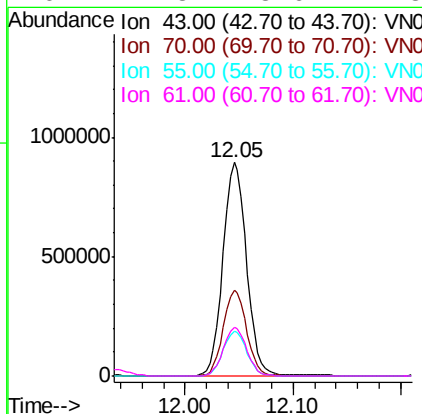
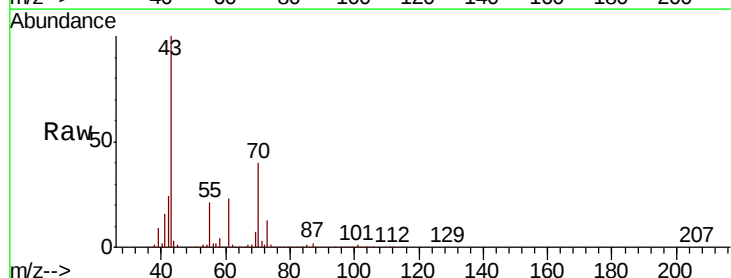
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

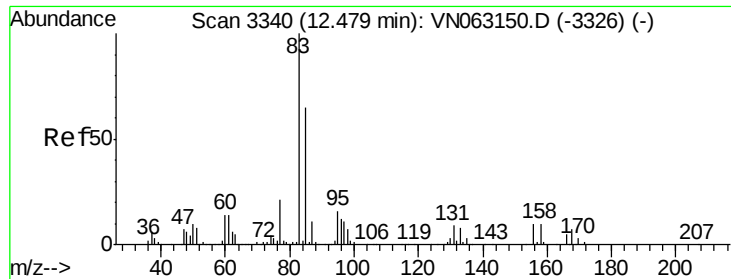
Tot Ion:105 Resp: 3065065
Ion Ratio Lower Upper
105 100
120 26.3 12.9 38.6



#74
N-ethyl acetate
Concen: 138.031 ug/l
RT: 12.05 min Scan# 3205
Delta R.T. 0.00 min
Lab File: VN063151.D
Acq: 31 Aug 2020 14:35

Tgt Ion: 43 Resp: 1361310
Ion Ratio Lower Upper
43 100
70 40.1 32.1 48.1
55 21.3 17.4 26.0
61 22.8 18.6 27.8





#75

1,1,2,2-Tetrachloroethane

Concen: 97.217 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN063151.D

Acq: 31 Aug 2020 14:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

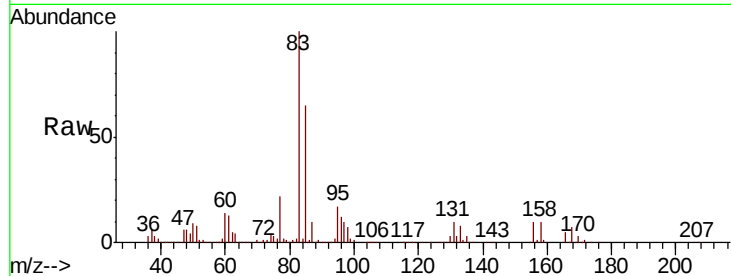
Tot Ion: 83 Resp: 890656

Ion Ratio Lower Upper

83 100

131 9.7 4.7 14.0

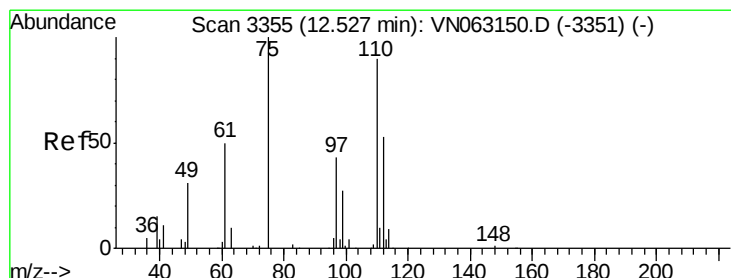
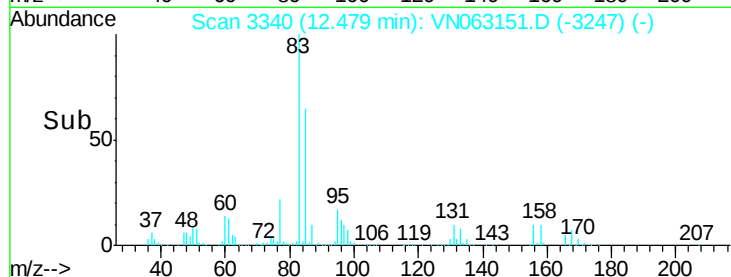
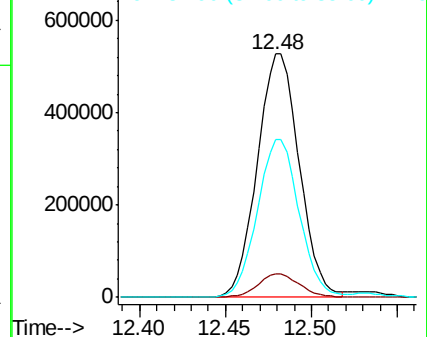
85 64.6 32.7 98.1



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 160.507 ug/l

RT: 12.53 min Scan# 3356

Delta R.T. 0.00 min

Lab File: VN063151.D

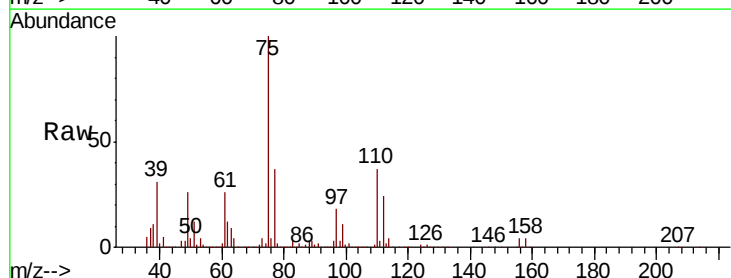
Acq: 31 Aug 2020 14:35

Tgt Ion: 75 Resp: 1221013

Ion Ratio Lower Upper

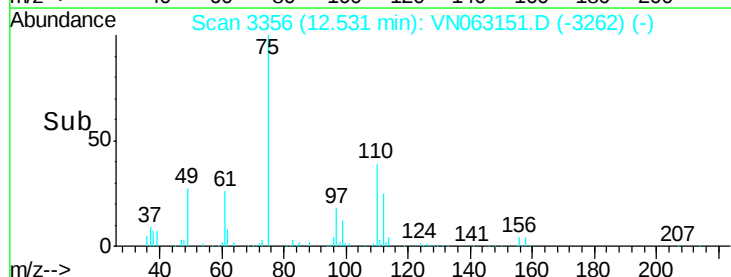
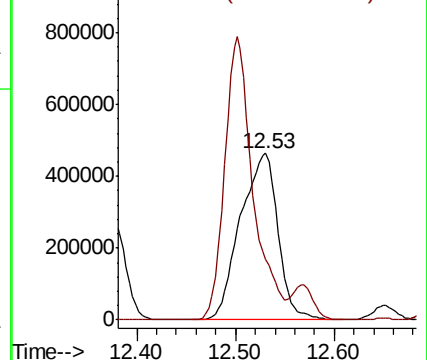
75 100

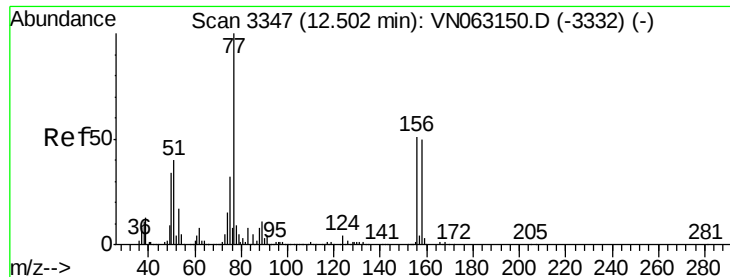
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 85.158 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. 0.00 min

Lab File: VN063151.D

Acq: 31 Aug 2020 14:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

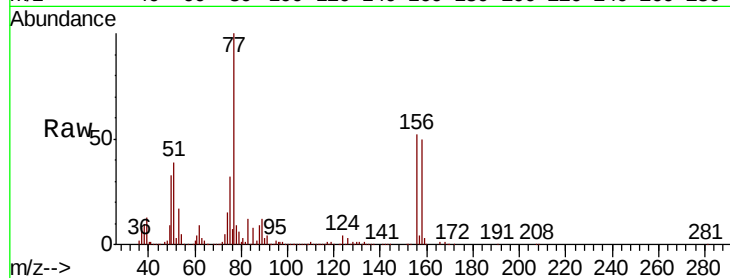
Tot Ion:156 Resp: 694524

Ion Ratio Lower Upper

156 100

77 228.3 116.1 348.3

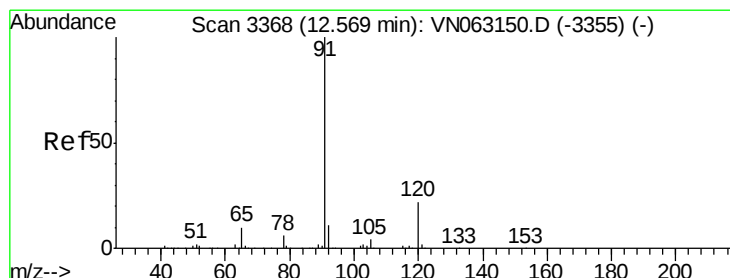
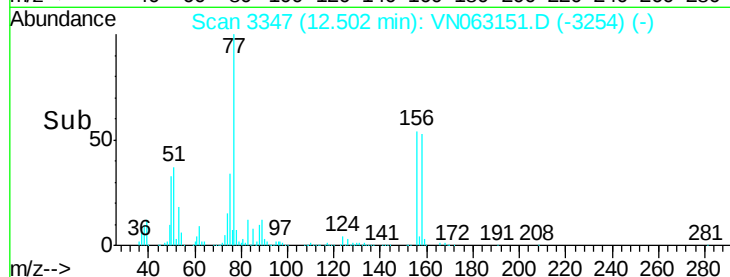
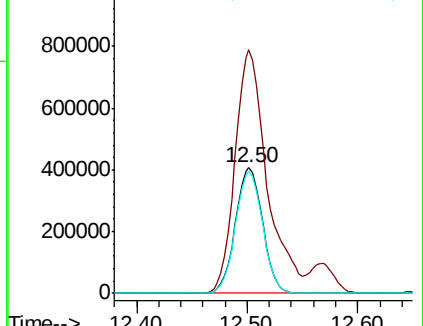
158 96.9 48.8 146.4



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: 102.933 ug/l

RT: 12.57 min Scan# 3368

Delta R.T. 0.00 min

Lab File: VN063151.D

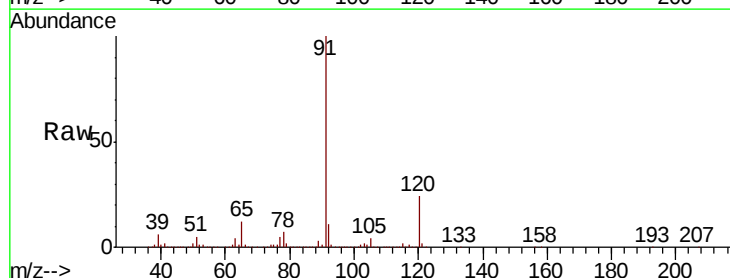
Acq: 31 Aug 2020 14:35

Tgt Ion: 91 Resp: 3559979

Ion Ratio Lower Upper

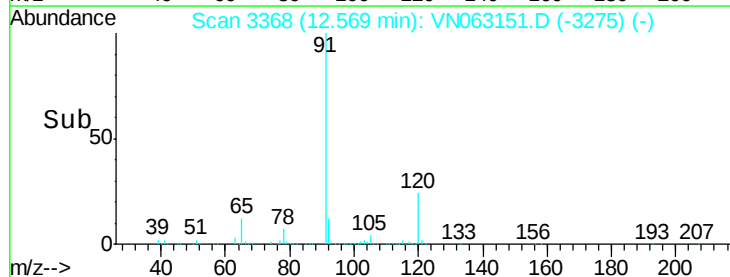
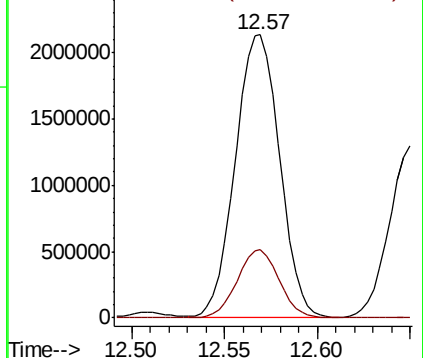
91 100

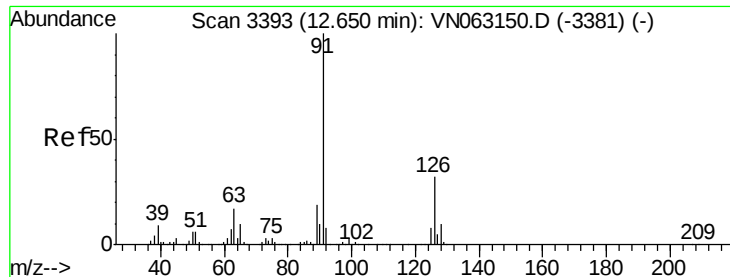
120 22.7 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

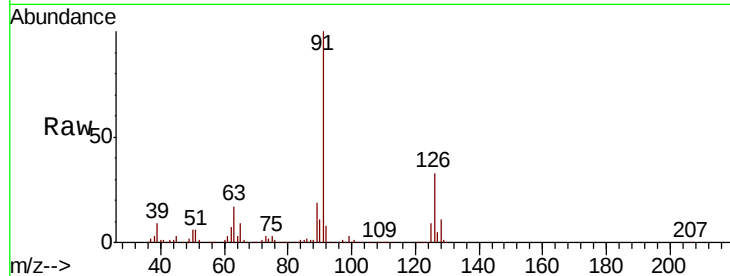




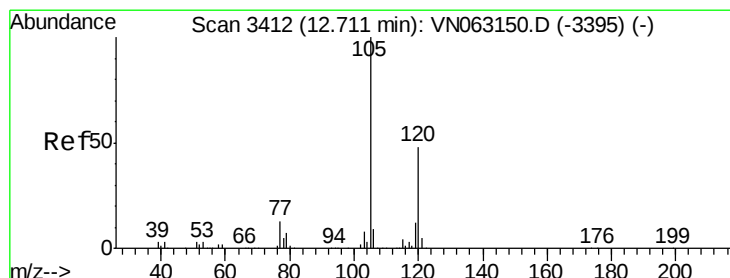
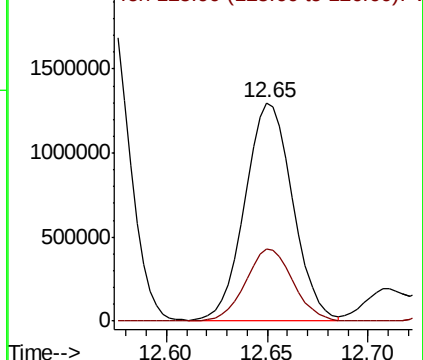
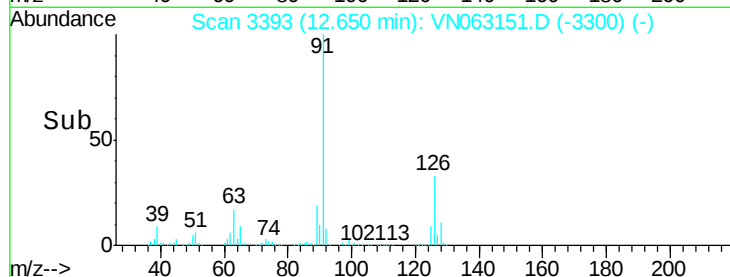
#79
 2-Chlorotoluene
 Concen: 101.673 ug/l
 RT: 12.65 min Scan# 3393
 Delta R.T. 0.00 min
 Lab File: VN063151.D
 Acq: 31 Aug 2020 14:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion: 91 Resp: 2152240
 Ion Ratio Lower Upper
 91 100
 126 32.8 16.1 48.3

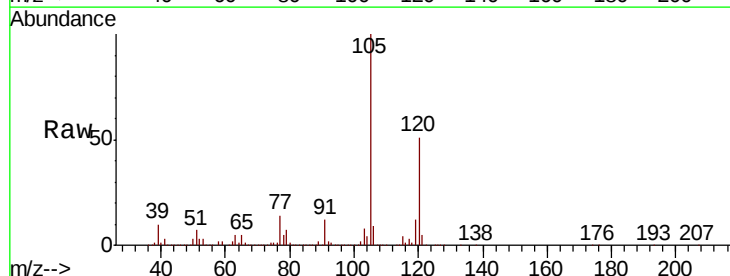


Abundance Ion 91.00 (90.70 to 91.70): VN063151.D (-3393) (-)
 Ion 125.90 (125.60 to 126.60): VN063151.D (-3393) (-)

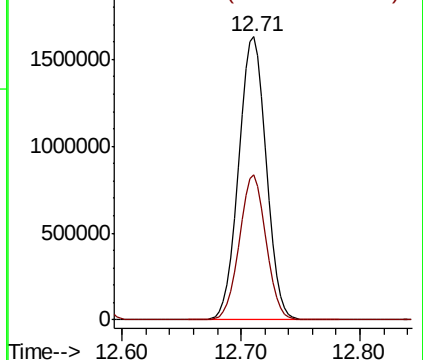
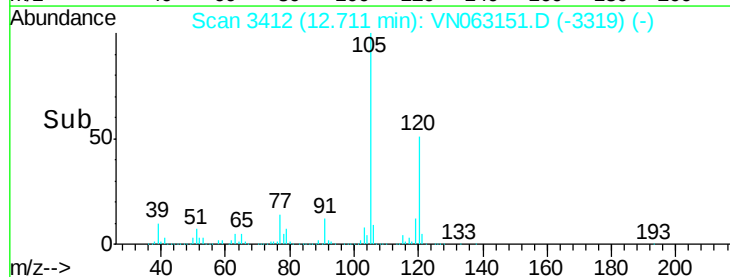


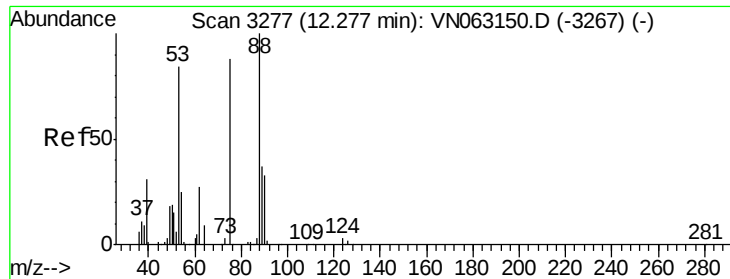
#80
 1,3,5-Trimethylbenzene
 Concen: 107.087 ug/l
 RT: 12.71 min Scan# 3412
 Delta R.T. 0.00 min
 Lab File: VN063151.D
 Acq: 31 Aug 2020 14:35

Tgt Ion:105 Resp: 2604575
 Ion Ratio Lower Upper
 105 100
 120 49.7 24.2 72.6



Abundance Ion 105.00 (104.70 to 105.70): VN063151.D (-3399) (-)
 Ion 120.00 (119.70 to 120.70): VN063151.D (-3399) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 132.176 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN063151.D

Acq: 31 Aug 2020 14:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

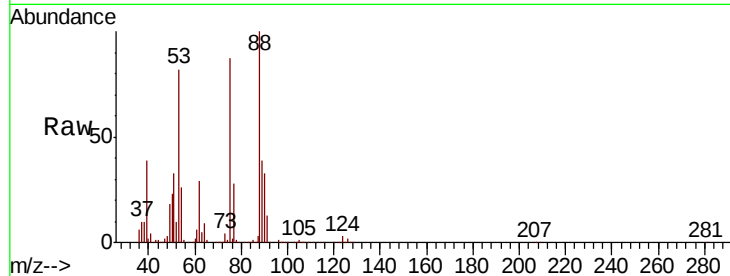
Tot Ion: 75 Resp: 336039

Ion Ratio Lower Upper

75 100

53 95.3 78.7 118.1

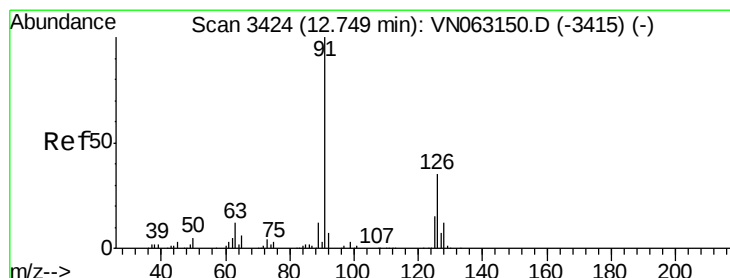
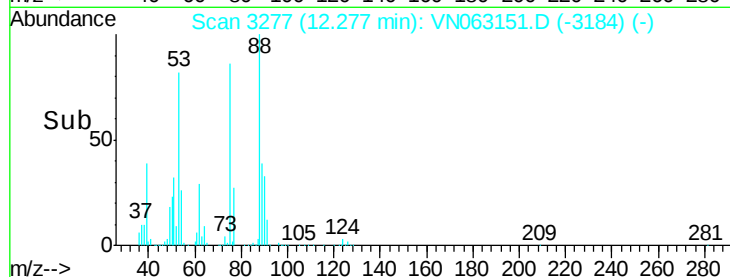
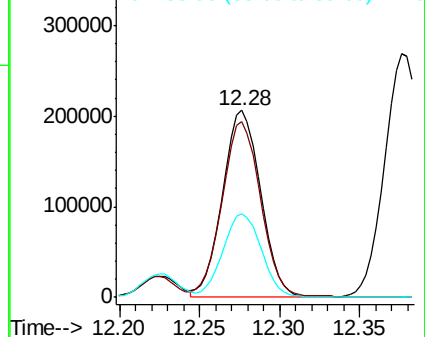
89 45.1 35.3 52.9



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: 106.926 ug/l

RT: 12.75 min Scan# 3424

Delta R.T. 0.00 min

Lab File: VN063151.D

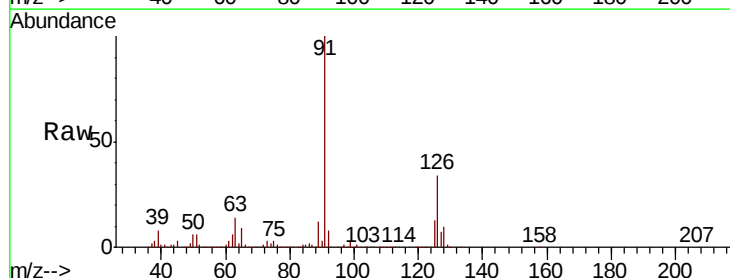
Acq: 31 Aug 2020 14:35

Tgt Ion: 91 Resp: 2279036

Ion Ratio Lower Upper

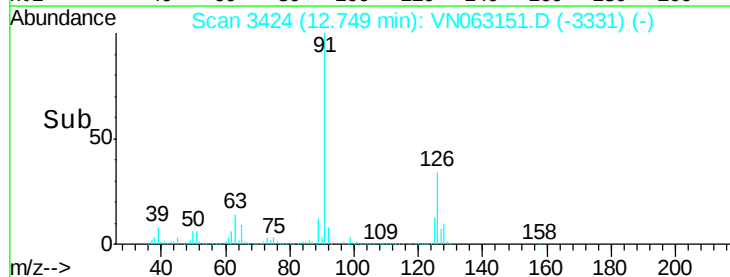
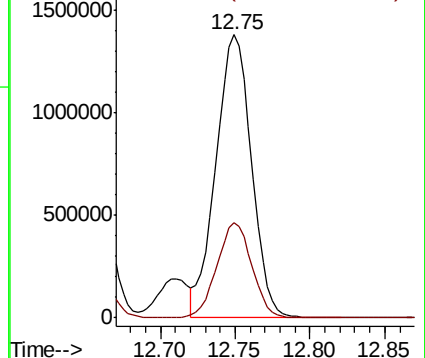
91 100

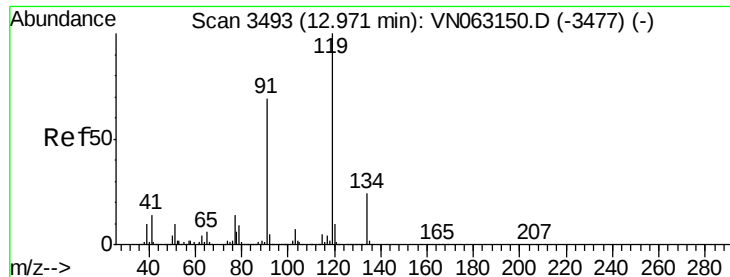
126 33.0 16.2 48.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 103.072 ug/l

RT: 12.97 min Scan# 3493

Delta R.T. 0.00 min

Lab File: VN063151.D

Acq: 31 Aug 2020 14:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

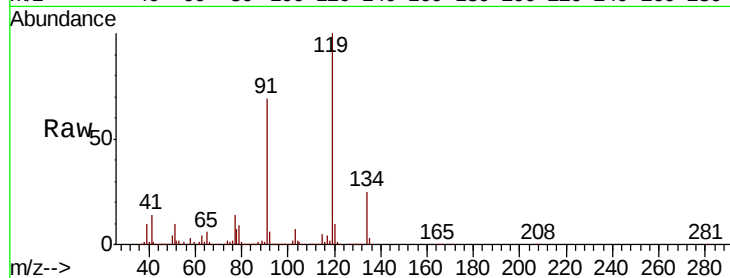
Tot Ion:119 Resp: 2192264

Ion Ratio Lower Upper

119 100

91 67.2 33.7 101.0

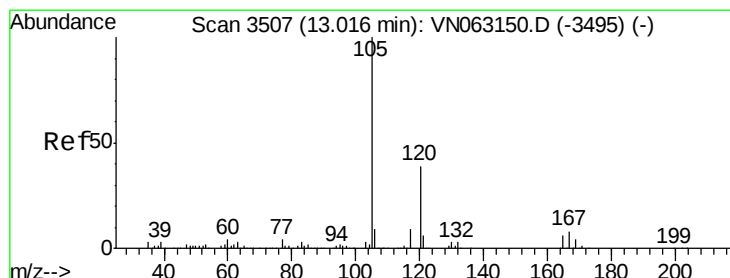
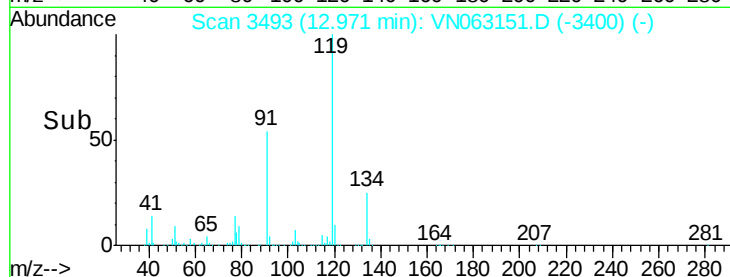
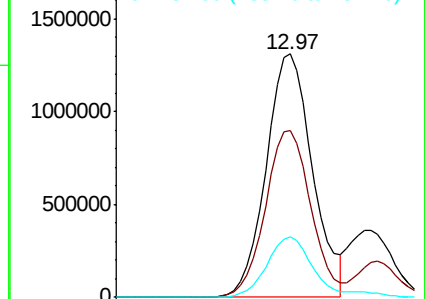
134 25.6 12.0 36.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 107.674 ug/l

RT: 13.02 min Scan# 3507

Delta R.T. 0.00 min

Lab File: VN063151.D

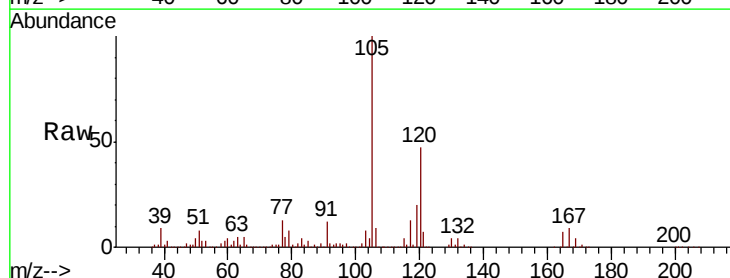
Acq: 31 Aug 2020 14:35

Tgt Ion:105 Resp: 2644919

Ion Ratio Lower Upper

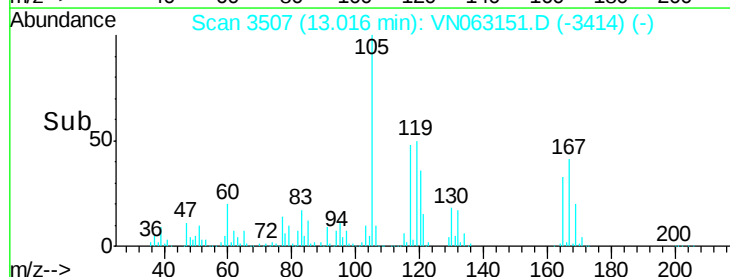
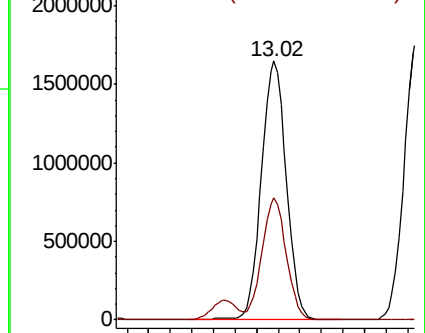
105 100

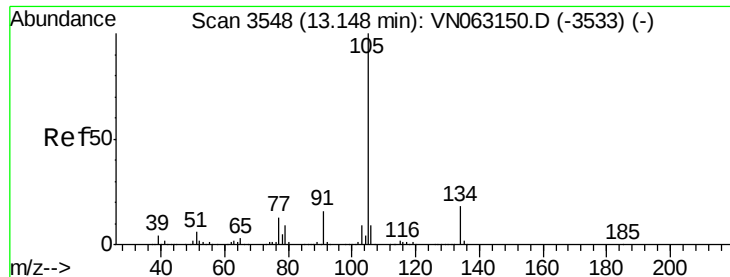
120 45.7 22.6 67.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 103.181 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN063151.D

Acq: 31 Aug 2020 14:35

Instrument :

MSVOA_N

ClientSampleId :

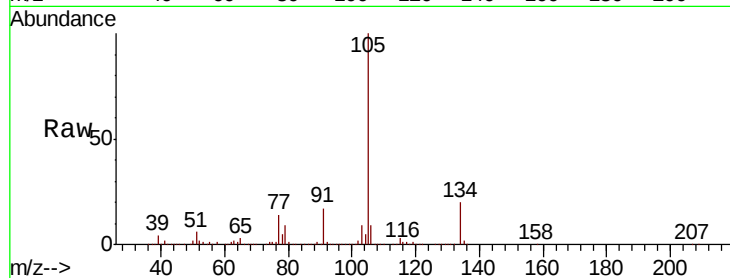
VSTDIC100

Tot Ion:105 Resp: 2906414

Ion Ratio Lower Upper

105 100

134 19.5 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

1500000

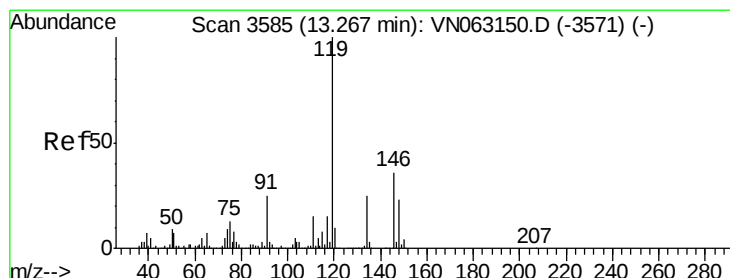
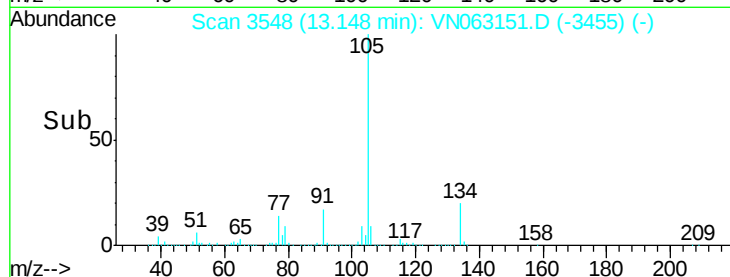
1000000

500000

0

Time-->

13.10 13.20



#86

p-Isopropyltoluene

Concen: 111.492 ug/l

RT: 13.27 min Scan# 3585

Delta R.T. 0.00 min

Lab File: VN063151.D

Acq: 31 Aug 2020 14:35

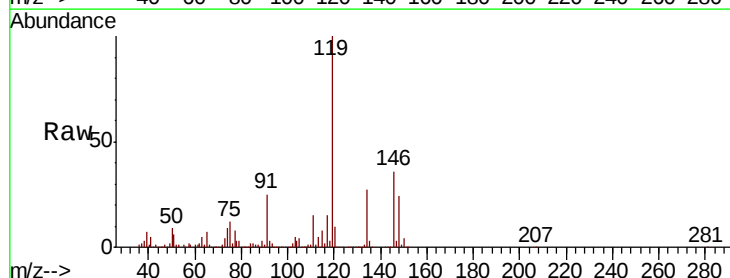
Tgt Ion:119 Resp: 2693427

Ion Ratio Lower Upper

119 100

134 26.2 12.4 37.4

91 25.1 12.2 36.6



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

13.27

2000000

1500000

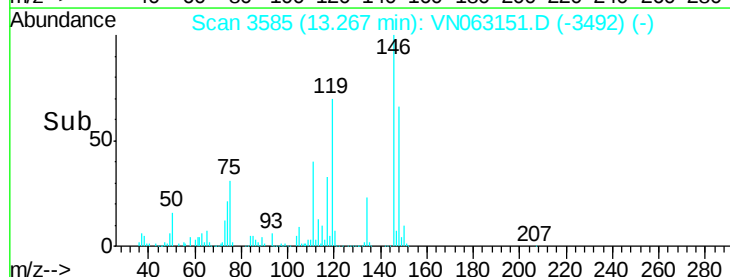
1000000

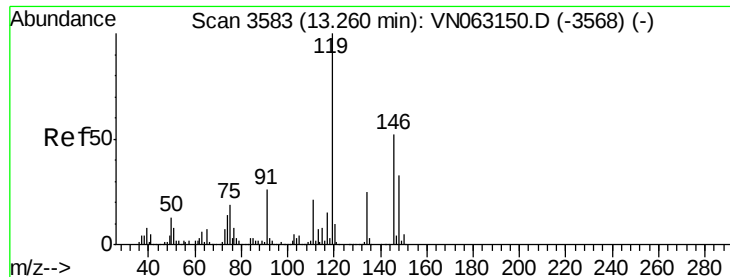
500000

0

Time-->

13.20 13.25 13.30





#87

1,3-Dichlorobenzene

Concen: 93.213 ug/l

RT: 13.26 min Scan# 3583

Delta R.T. 0.00 min

Lab File: VN063151.D

Acq: 31 Aug 2020 14:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

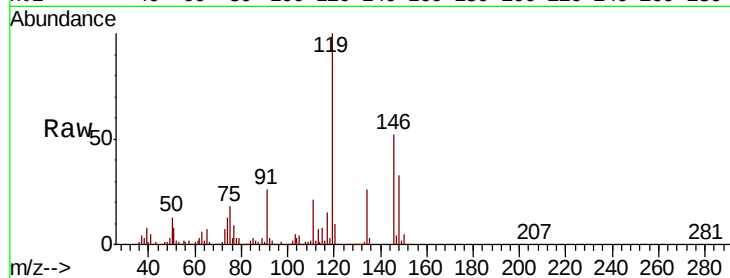
Tot Ion:146 Resp: 1334125

Ion Ratio Lower Upper

146 100

111 41.4 21.3 63.7

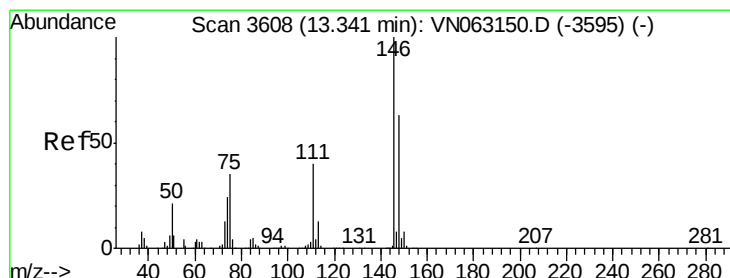
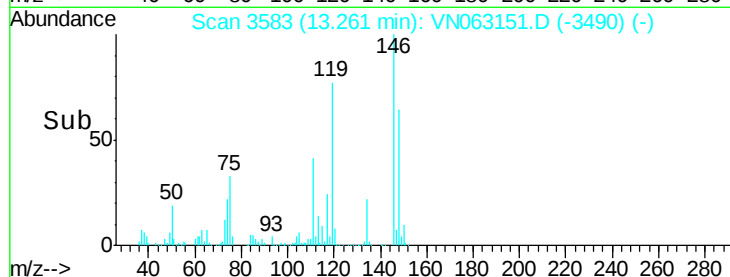
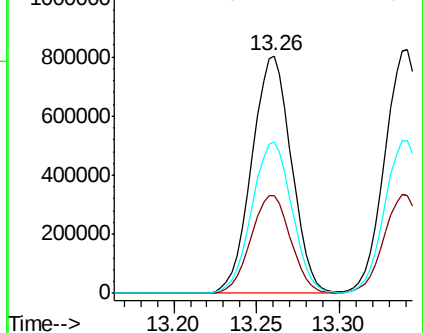
148 64.4 31.9 95.9



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: 93.981 ug/l

RT: 13.34 min Scan# 3608

Delta R.T. 0.00 min

Lab File: VN063151.D

Acq: 31 Aug 2020 14:35

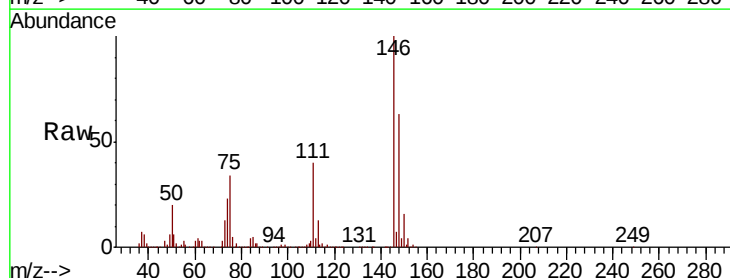
Tgt Ion:146 Resp: 1358143

Ion Ratio Lower Upper

146 100

111 40.7 20.5 61.5

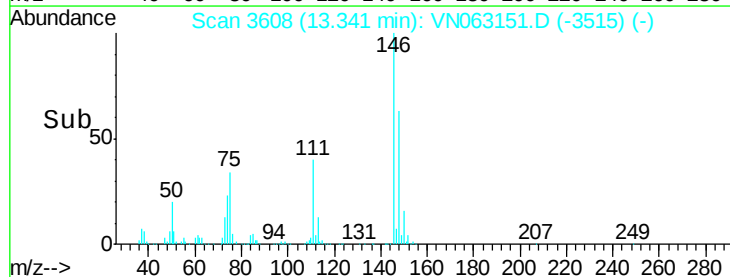
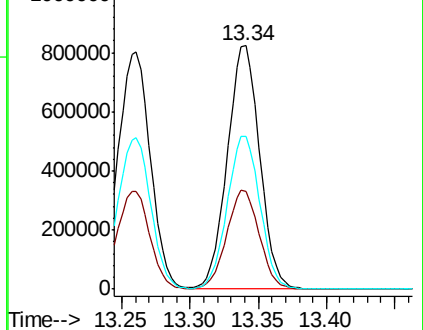
148 63.7 31.9 95.7

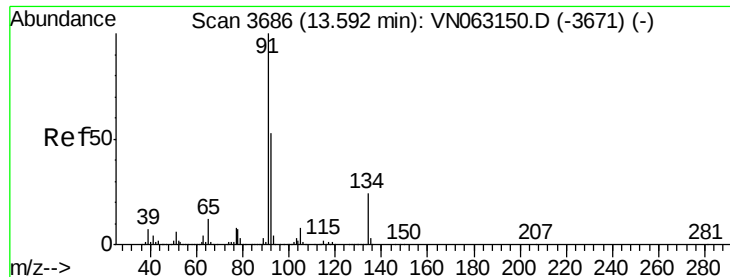


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

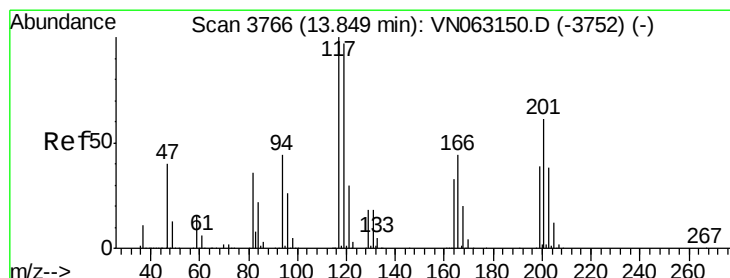
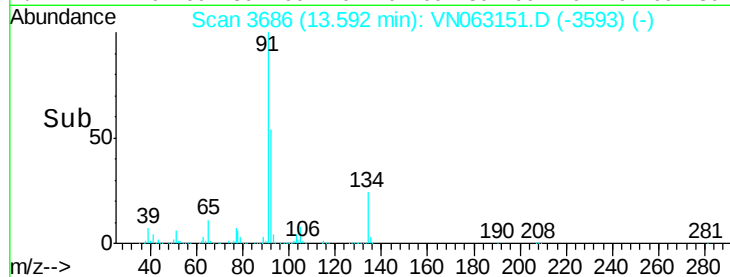
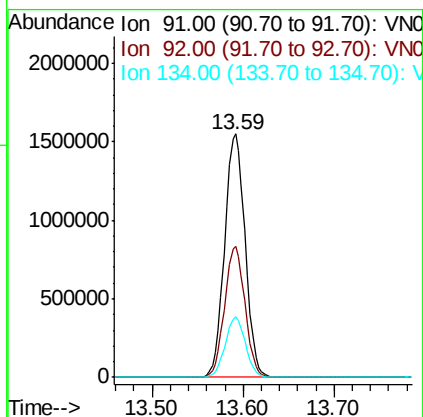
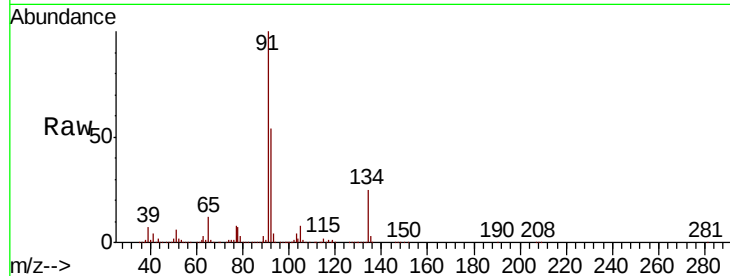




#89
n-Butylbenzene
Concen: 119.578 ug/l
RT: 13.59 min Scan# 3686
Delta R.T. 0.00 min
Lab File: VN063151.D
Acq: 31 Aug 2020 14:35

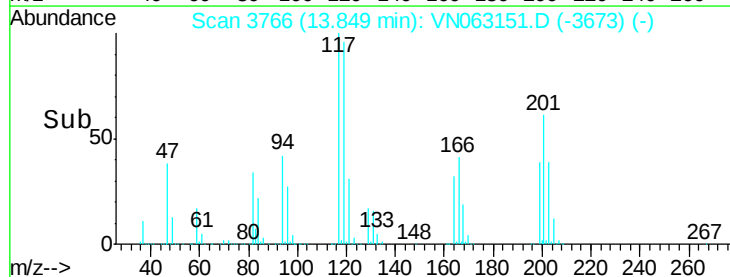
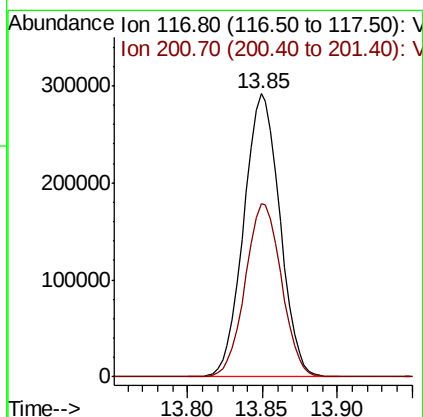
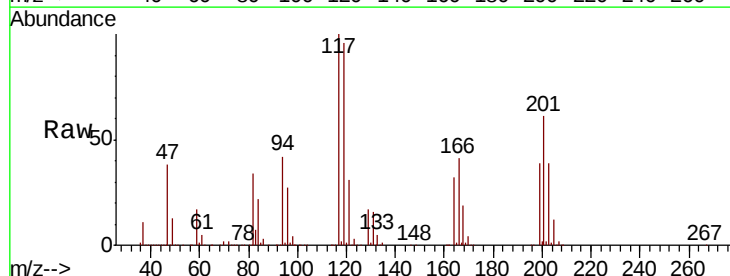
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

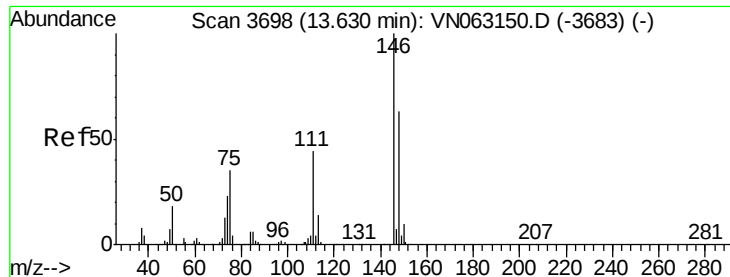
Tot Ion: 91 Resp: 2430895
Ion Ratio Lower Upper
91 100
92 53.4 26.3 78.8
134 24.3 12.0 36.0



#90
Hexachloroethane
Concen: 91.455 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN063151.D
Acq: 31 Aug 2020 14:35

Tgt Ion: 117 Resp: 490599
Ion Ratio Lower Upper
117 100
201 61.4 30.6 92.0





#91

1,2-Dichlorobenzene

Concen: 92.411 ug/l

RT: 13.63 min Scan# 3698

Delta R.T. 0.00 min

Lab File: VN063151.D

Acq: 31 Aug 2020 14:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

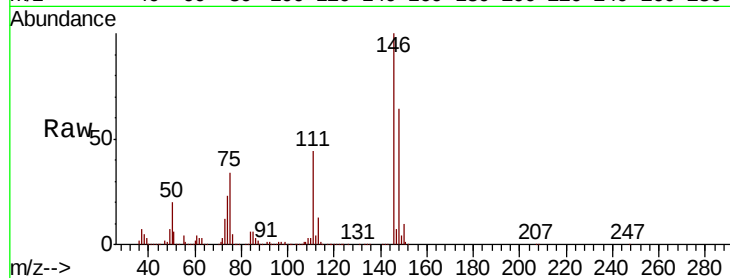
Tot Ion:146 Resp: 1301369

Ion Ratio Lower Upper

146 100

111 44.0 22.0 66.0

148 63.7 31.6 95.0

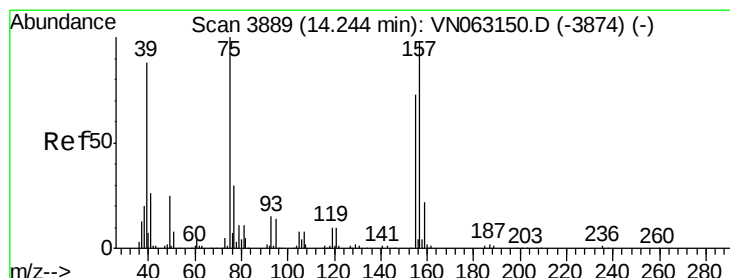
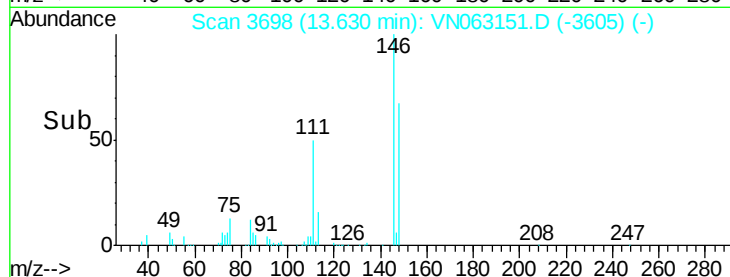
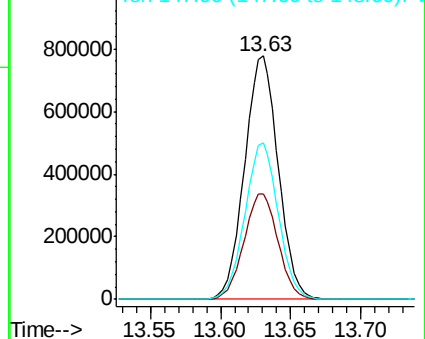


Abundance

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



#92

1,2-Dibromo-3-Chloropropane

Concen: 124.349 ug/l

RT: 14.24 min Scan# 3889

Delta R.T. 0.00 min

Lab File: VN063151.D

Acq: 31 Aug 2020 14:35

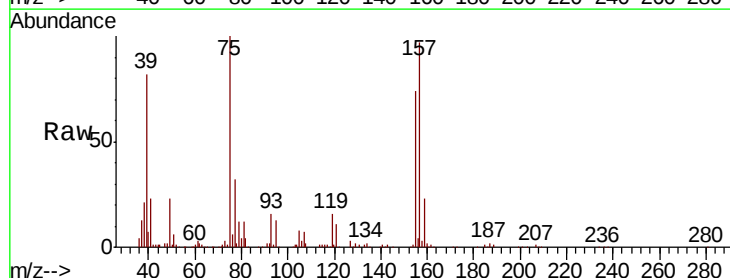
Tgt Ion: 75 Resp: 187810

Ion Ratio Lower Upper

75 100

155 74.2 36.1 108.5

157 96.6 48.4 145.0

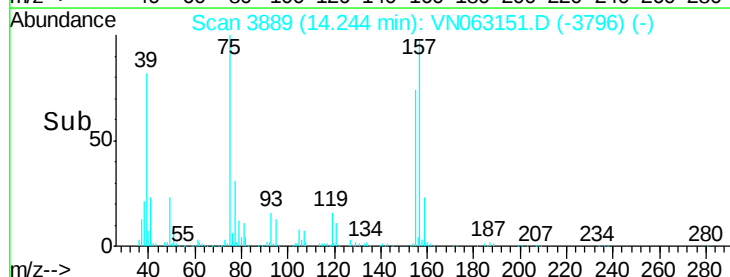
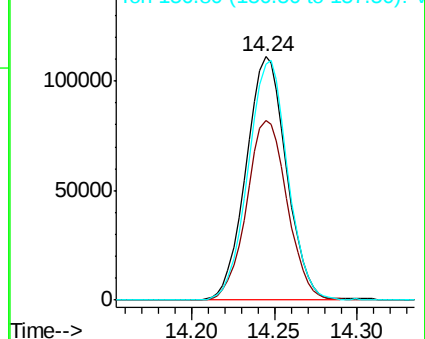


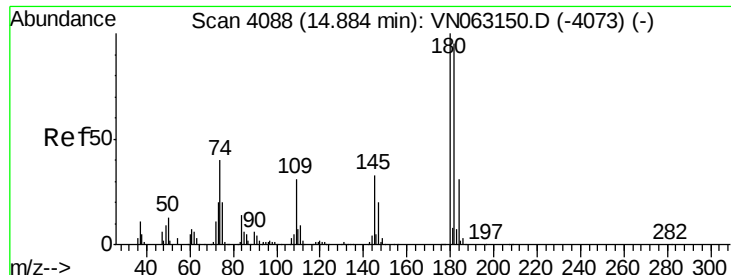
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

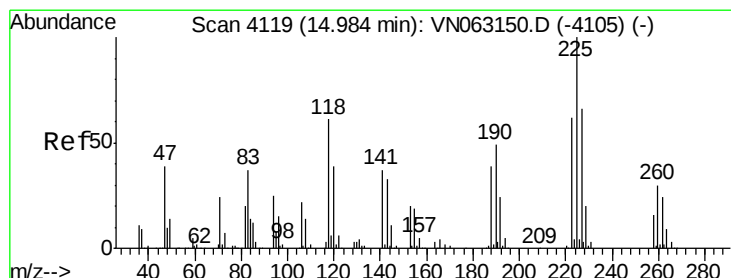
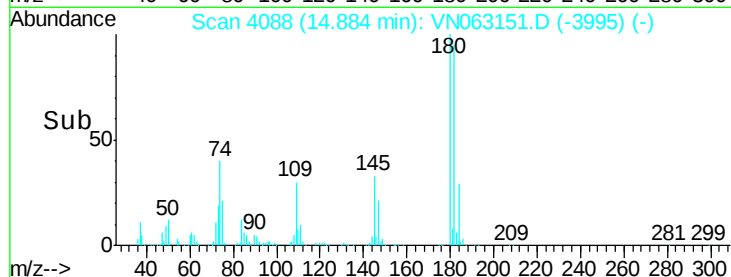
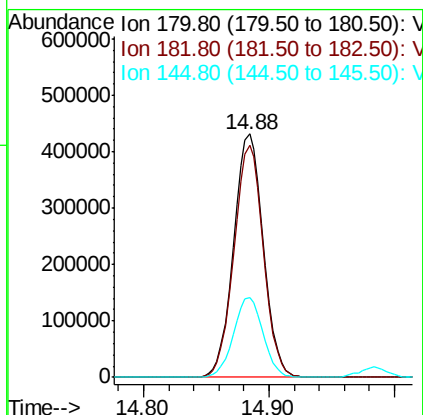
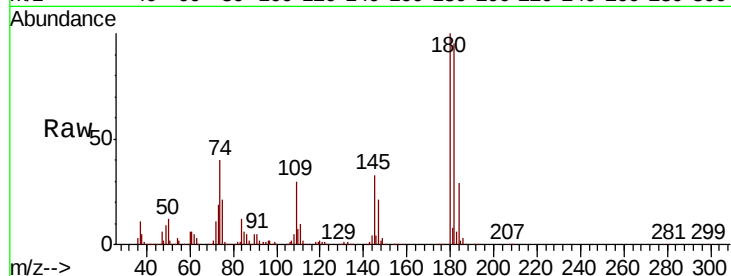




#93
 1,2,4-Trichlorobenzene
 Concen: 108.551 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN063151.D
 Acq: 31 Aug 2020 14:35

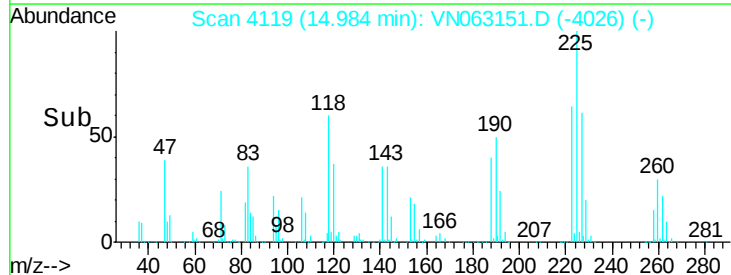
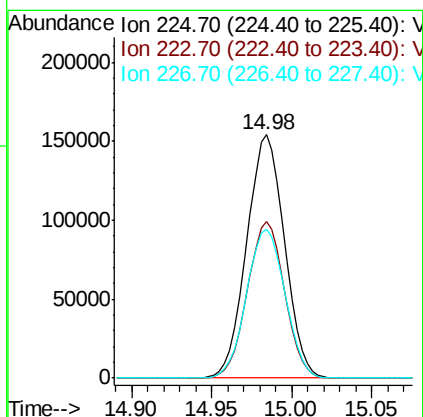
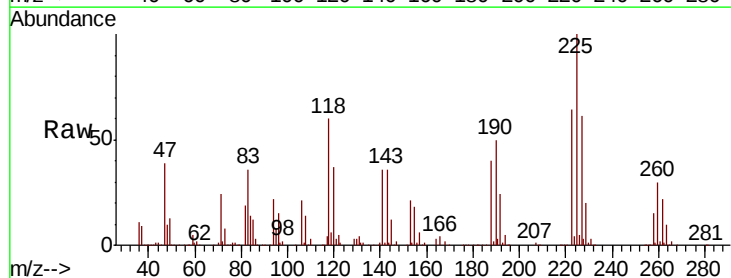
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

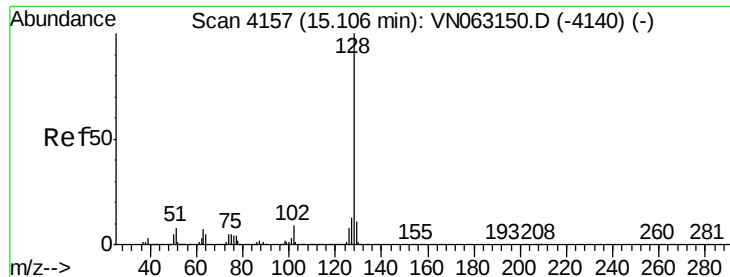
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.5	47.5	142.5
145	32.7	16.6	49.8



#94
 Hexachlorobutadiene
 Concen: 56.631 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN063151.D
 Acq: 31 Aug 2020 14:35

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	30.9	92.7
227	62.5	32.9	98.7





#95

Naphthalene

Concen: 153.303 ug/l

RT: 15.11 min Scan# 4157

Delta R.T. 0.00 min

Lab File: VN063151.D

Acq: 31 Aug 2020 14:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

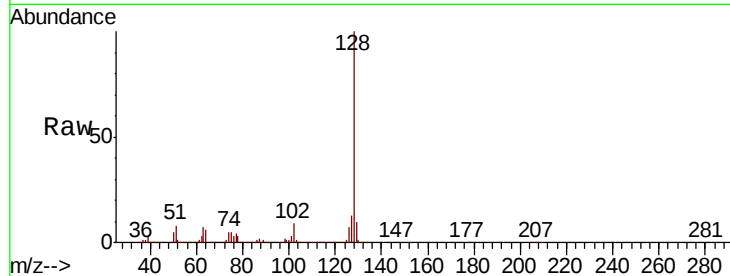
Tot Ion:128 Resp: 2436875

Ion Ratio Lower Upper

128 100

127 13.2 10.5 15.7

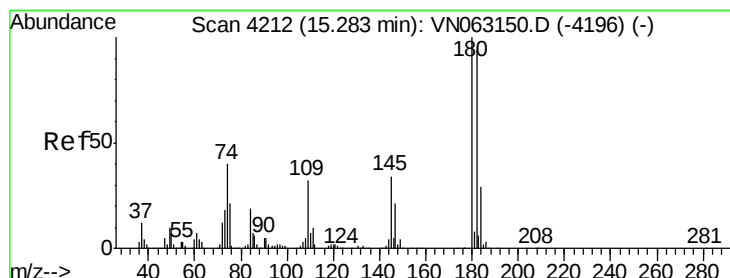
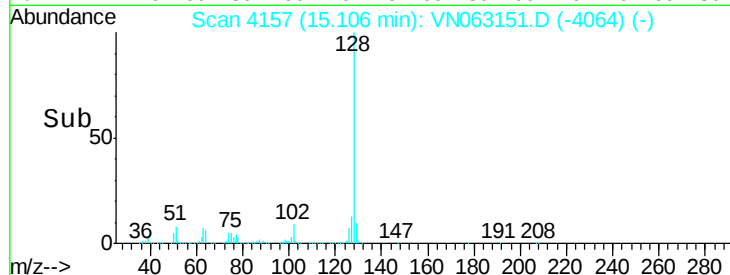
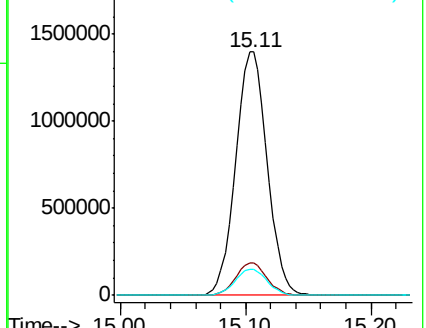
129 10.8 8.6 13.0



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: 100.070 ug/l

RT: 15.29 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN063151.D

Acq: 31 Aug 2020 14:35

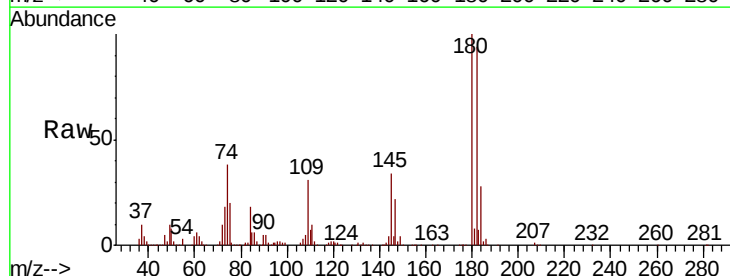
Tgt Ion:180 Resp: 675352

Ion Ratio Lower Upper

180 100

182 93.1 47.5 142.5

145 34.5 17.3 52.0



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

