

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN090920\
 Data File : VN063275.D
 Acq On : 9 Sep 2020 12:16
 Operator : JC/MD
 Sample : VN0909MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0909MBS01

Quant Time: Sep 09 15:33:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 01 04:21:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	414256	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	730368	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	666416	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	304208	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	333295	49.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.44%	
35) Dibromofluoromethane	7.55	113	243082	51.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.76%	
50) Toluene-d8	10.06	98	911291	50.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.06%	
62) 4-Bromofluorobenzene	12.38	95	334820	53.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.14%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.83	85	73381	17.987	ug/l 97
3) Chloromethane	2.04	50	103937	17.496	ug/l 99
4) Vinyl Chloride	2.17	62	108092	16.472	ug/l 97
5) Bromomethane	2.54	94	71584	12.959	ug/l 99
6) Chloroethane	2.68	64	69991	13.414	ug/l 100
7) Trichlorofluoromethane	2.99	101	162952	15.322	ug/l 93
8) Diethyl Ether	3.37	74	64088	20.412	ug/l 94
9) 1,1,2-Trichlorotrifluoroet	3.72	101	90087	20.197	ug/l 99
10) Methyl Iodide	3.91	142	110546	18.172	ug/l 98
11) Tert butyl alcohol	4.72	59	90994	109.467	ug/l 100
12) 1,1-Dichloroethene	3.70	96	86353	19.000	ug/l 99
13) Acrolein	3.57	56	12785	53.620	ug/l 94
14) Allyl chloride	4.28	41	174551	21.624	ug/l 94
15) Acrylonitrile	4.93	53	241373	105.071	ug/l 99
16) Acetone	3.78	43	209971	109.073	ug/l 99
17) Carbon Disulfide	4.01	76	230911	17.069	ug/l 98
18) Methyl Acetate	4.28	43	124305	25.184	ug/l 94
19) Methyl tert-butyl Ether	4.99	73	334705	19.851	ug/l 99
20) Methylene Chloride	4.50	84	109934	20.014	ug/l 92
21) trans-1,2-Dichloroethene	4.99	96	93237	18.568	ug/l 89
22) Diisopropyl ether	5.90	45	378705	20.936	ug/l 98
23) Vinyl Acetate	5.84	43	1514616	104.939	ug/l 95
24) 1,1-Dichloroethane	5.79	63	199806	20.037	ug/l 99
25) 2-Butanone	6.78	43	332875	111.675	ug/l 97
26) 2,2-Dichloropropane	6.78	77	168385	18.637	ug/l 100
27) cis-1,2-Dichloroethene	6.78	96	116754	19.129	ug/l 97
28) Bromochloromethane	7.15	49	94599	18.158	ug/l 94
29) Tetrahydrofuran	7.16	42	220324	106.899	ug/l 97
30) Chloroform	7.33	83	201628	19.326	ug/l 98
31) Cyclohexane	7.61	56	173803	18.680	ug/l 93
32) 1,1,1-Trichloroethane	7.53	97	168574	18.751	ug/l 97
36) 1,1-Dichloropropene	7.75	75	143782	20.478	ug/l 100
37) Ethyl Acetate	6.88	43	147164	22.408	ug/l # 96
38) Carbon Tetrachloride	7.73	117	143057	20.090	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	156680	19.863	ug/l	93
40) Benzene	8.00	78	424626	20.580	ug/l	100
41) Methacrylonitrile	7.12	41	61202	20.691	ug/l #	92
42) 1,2-Dichloroethane	8.08	62	171729	22.281	ug/l	97
43) Isopropyl Acetate	8.12	43	258288	22.556	ug/l	99
44) Trichloroethene	8.80	130	110150	22.009	ug/l	98
45) 1,2-Dichloropropane	9.08	63	122410	22.407	ug/l	100
46) Dibromomethane	9.17	93	76893	21.239	ug/l	97
47) Bromodichloromethane	9.37	83	163414	21.059	ug/l	98
48) Methyl methacrylate	9.16	41	120976	23.436	ug/l	96
49) 1,4-Dioxane	9.16	88	35217	441.084	ug/l	86
51) 4-Methyl-2-Pentanone	9.95	43	734109	117.977	ug/l	99
52) Toluene	10.13	92	261679	20.359	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	175571	20.684	ug/l	95
54) cis-1,3-Dichloropropene	9.81	75	191000	21.437	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	105726	21.479	ug/l	97
56) Ethyl methacrylate	10.40	69	160665	21.447	ug/l	97
57) 1,3-Dichloropropane	10.68	76	187371	21.367	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	375223	96.727	ug/l	96
59) 2-Hexanone	10.72	43	530387	121.285	ug/l	97
60) Dibromochloromethane	10.87	129	117002	21.500	ug/l	99
61) 1,2-Dibromoethane	10.98	107	106648	20.842	ug/l	95
64) Tetrachloroethene	10.60	164	109257	22.831	ug/l	98
65) Chlorobenzene	11.41	112	277765	20.694	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	105111	21.092	ug/l	97
67) Ethyl Benzene	11.48	91	516100	21.077	ug/l	99
68) m/p-Xylenes	11.60	106	370285	40.830	ug/l	98
69) o-Xylene	11.92	106	180448	20.597	ug/l	95
70) Styrene	11.94	104	303054	20.128	ug/l	97
71) Bromoform	12.10	173	70237	20.768	ug/l #	97
73) Isopropylbenzene	12.23	105	482995	20.701	ug/l	100
74) N-amyl acetate	12.05	43	205103	21.222	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.48	83	140770	20.927	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	195477	32.705	ug/l #	100
77) Bromobenzene	12.50	156	110058	20.857	ug/l	96
78) n-propylbenzene	12.57	91	565304	20.938	ug/l	100
79) 2-Chlorotoluene	12.65	91	338921	20.958	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	413911	21.313	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	48373	19.561	ug/l	93
82) 4-Chlorotoluene	12.75	91	354096	21.113	ug/l	98
83) tert-Butylbenzene	12.97	119	332336	19.953	ug/l	96
84) 1,2,4-Trimethylbenzene	13.01	105	414946	21.197	ug/l	98
85) sec-Butylbenzene	13.15	105	444177	20.462	ug/l	100
86) p-Isopropyltoluene	13.26	119	399889	20.749	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	203456	20.988	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	201714	20.096	ug/l	98
89) n-Butylbenzene	13.59	91	360896	20.270	ug/l	98
90) Hexachloroethane	13.85	117	66666	18.687	ug/l	93
91) 1,2-Dichlorobenzene	13.63	146	203696	21.653	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	31807	21.507	ug/l	96

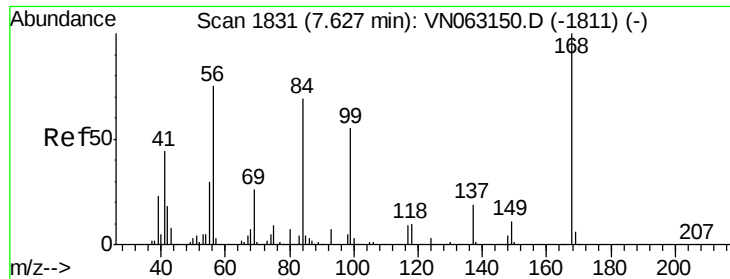
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	112624	21.429	ug/l	99
94) Hexachlorobutadiene	14.98	225	44055	22.439	ug/l	97
95) Naphthalene	15.10	128	340985	19.447	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	108395	21.170	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN063275.D

Acq: 9 Sep 2020 12:16

Instrument :

MSVOA_N

ClientSampleId :

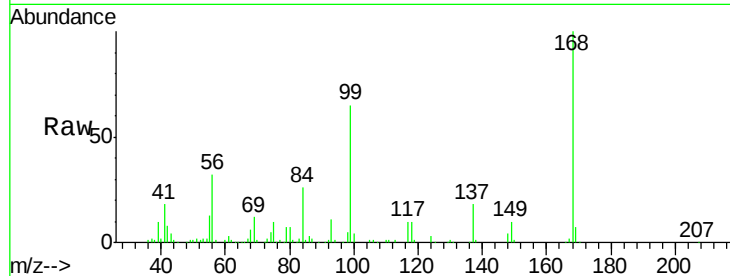
VN0909MBS01

Tgt Ion:168 Resp: 414256

Ion Ratio Lower Upper

168 100

99 64.2 54.2 81.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.62

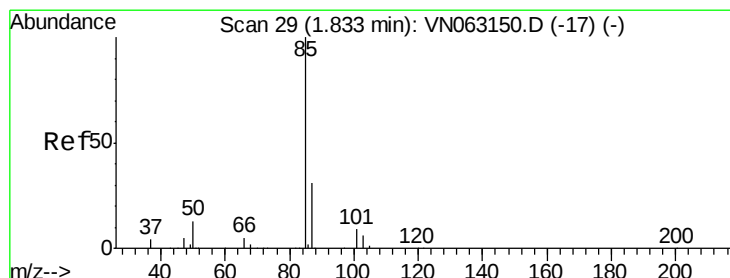
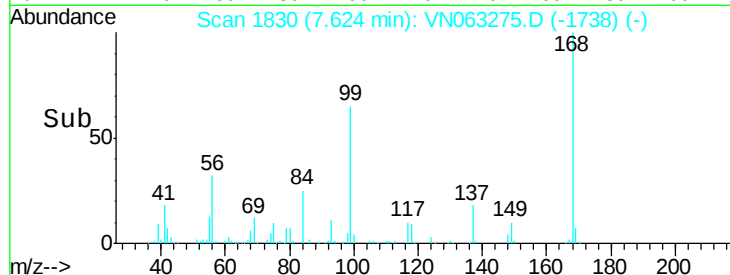
150000

100000

50000

0

Time--> 7.50 7.55 7.60 7.65 7.70



#2

Dichlorodifluoromethane

Concen: 17.987 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063275.D

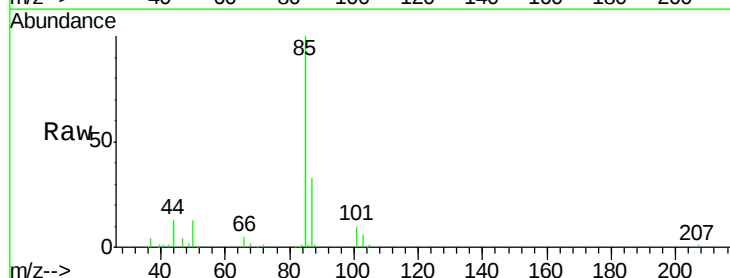
Acq: 9 Sep 2020 12:16

Tgt Ion: 85 Resp: 73381

Ion Ratio Lower Upper

85 100

87 32.9 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

1.83

60000

50000

40000

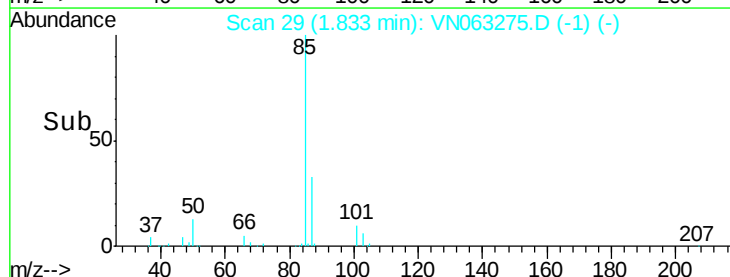
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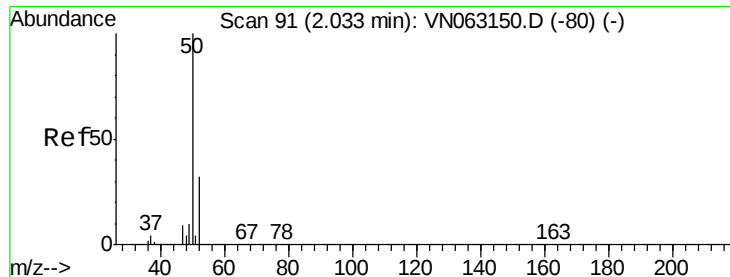
20000

10000

0

Time--> 1.75 1.80 1.85 1.90





#3

Chloromethane

Concen: 17.496 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063275.D

Acq: 9 Sep 2020 12:16

Instrument :

MSVOA_N

ClientSampleId :

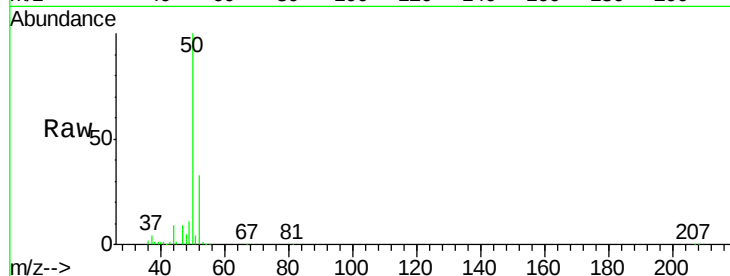
VN0909MBS01

Tgt Ion: 50 Resp: 103937

Ion Ratio Lower Upper

50 100

52 32.8 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.04

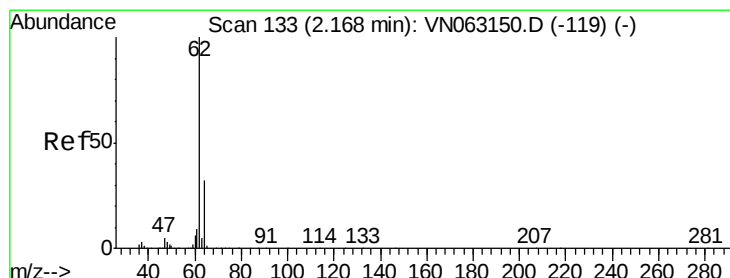
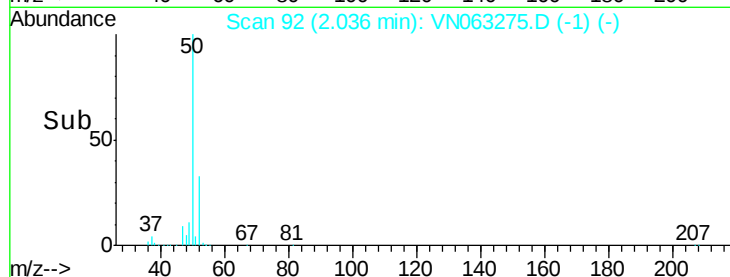
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 16.472 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.00 min

Lab File: VN063275.D

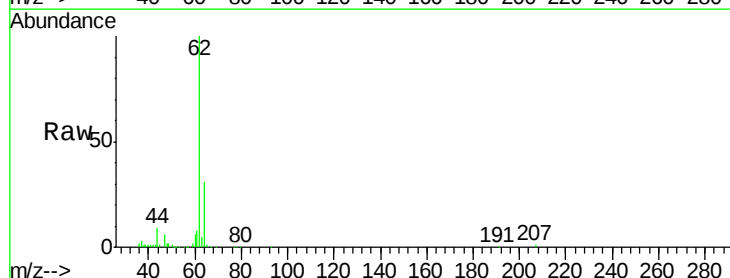
Acq: 9 Sep 2020 12:16

Tgt Ion: 62 Resp: 108092

Ion Ratio Lower Upper

62 100

64 30.7 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

2.17

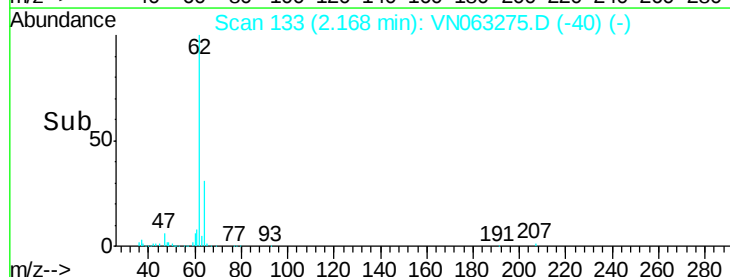
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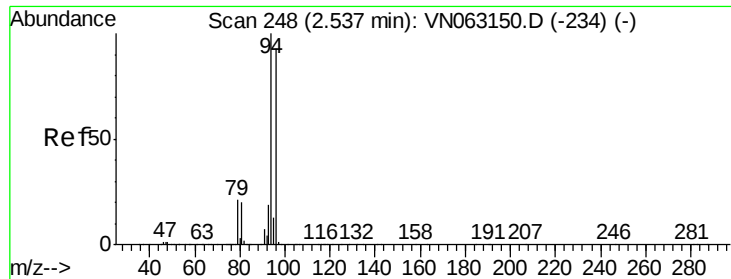
40000

20000

0

Time-->





#5

Bromomethane

Concen: 12.959 ug/l

RT: 2.54 min Scan# 248

Delta R.T. 0.00 min

Lab File: VN063275.D

Acq: 9 Sep 2020 12:16

Instrument :

MSVOA_N

ClientSampleId :

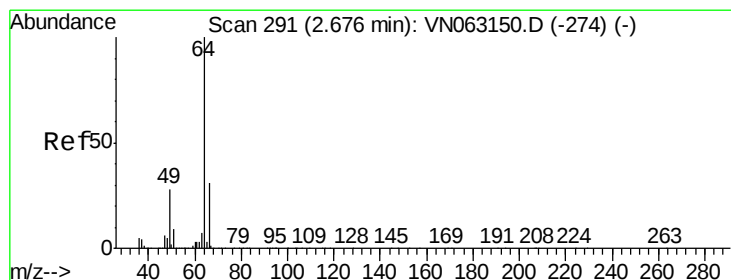
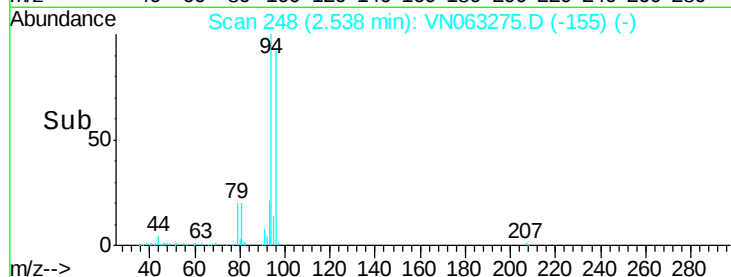
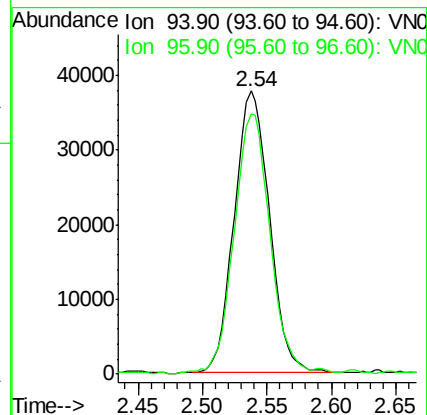
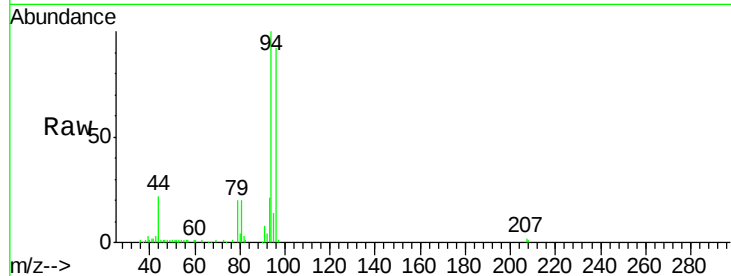
VN0909MBS01

Tgt Ion: 94 Resp: 71584

Ion Ratio Lower Upper

94 100

96 91.8 74.4 111.6



#6

Chloroethane

Concen: 13.414 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN063275.D

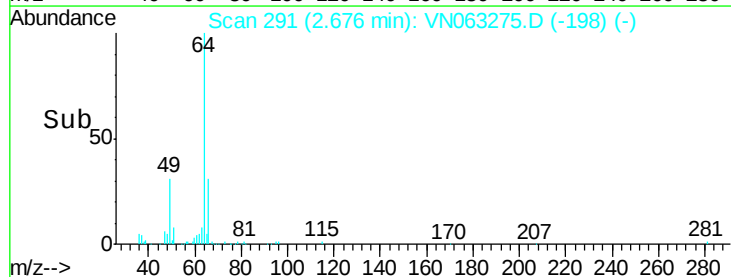
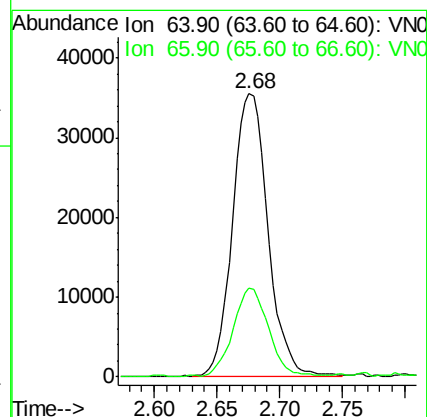
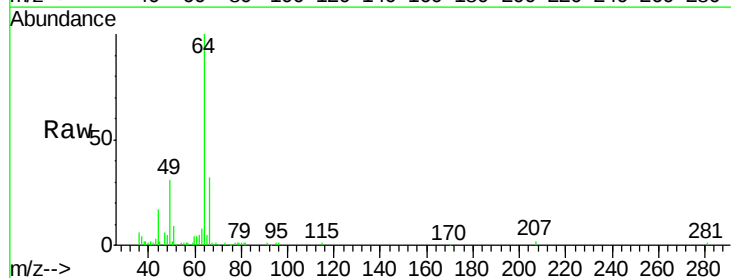
Acq: 9 Sep 2020 12:16

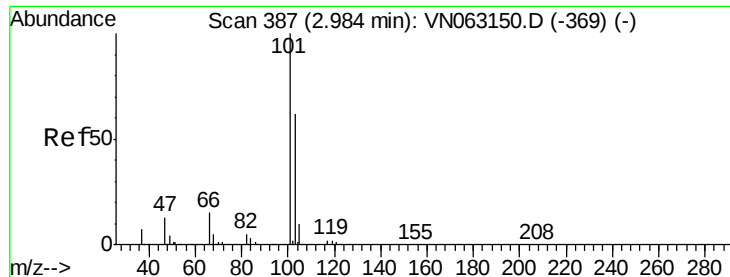
Tgt Ion: 64 Resp: 69991

Ion Ratio Lower Upper

64 100

66 31.0 24.7 37.1



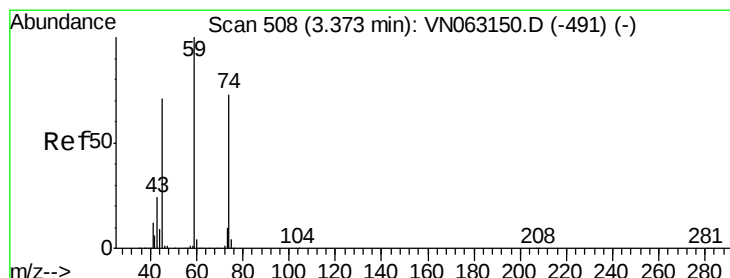
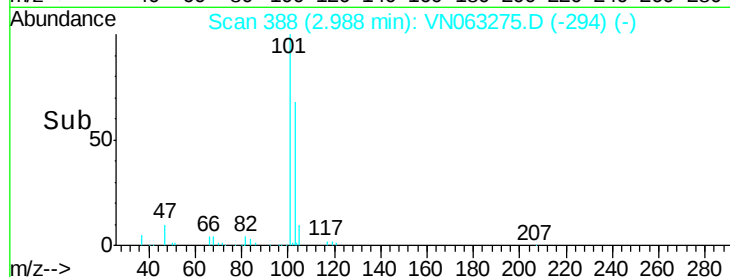
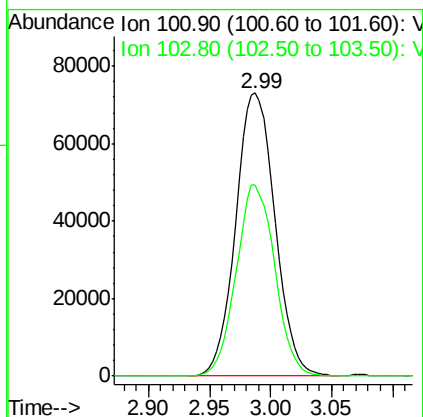
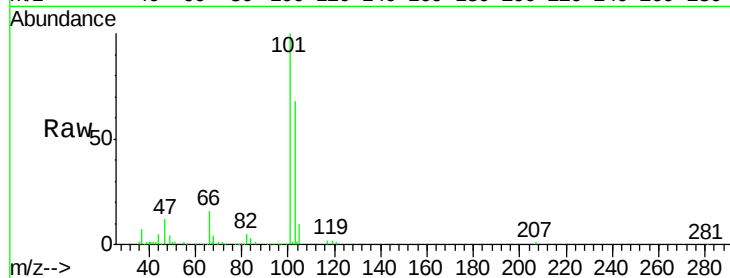


#7

Trichlorofluoromethane
 Concen: 15.322 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VN063275.D
 Acq: 9 Sep 2020 12:16

Instrument :
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 VN0909MBS01

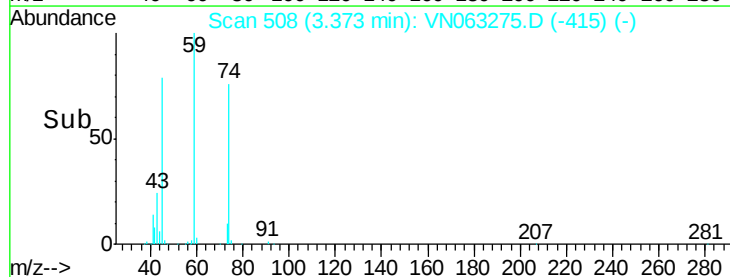
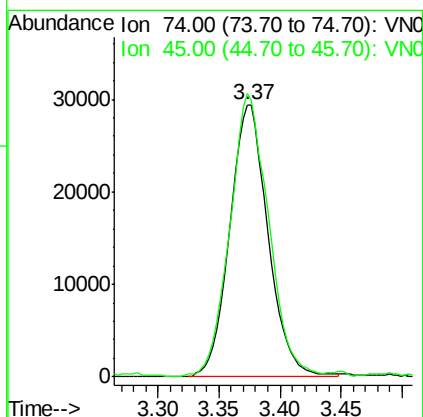
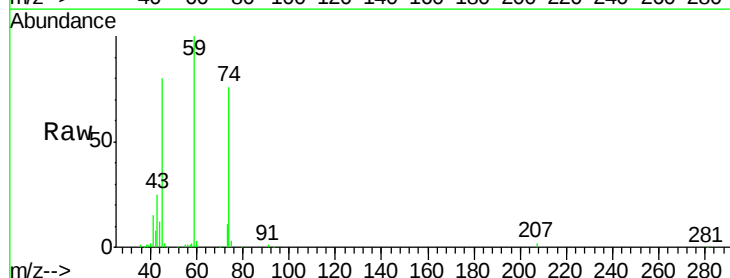
Tgt Ion:101 Resp: 162952
 Ion Ratio Lower Upper
 101 100
 103 67.8 49.7 74.5

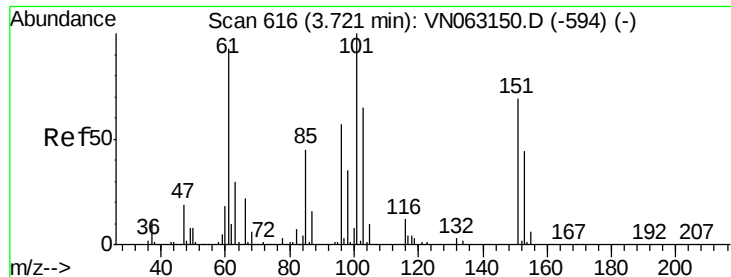


#8

Diethyl Ether
 Concen: 20.412 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: VN063275.D
 Acq: 9 Sep 2020 12:16

Tgt Ion: 74 Resp: 64088
 Ion Ratio Lower Upper
 74 100
 45 105.4 49.5 148.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.197 ug/l

RT: 3.72 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN063275.D

Acq: 9 Sep 2020 12:16

Instrument :

MSVOA_N

ClientSampleId :

VN0909MBS01

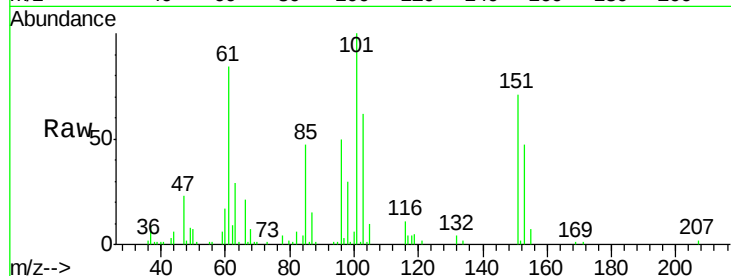
Tgt Ion:101 Resp: 90087

Ion Ratio Lower Upper

101 100

85 45.5 37.8 56.8

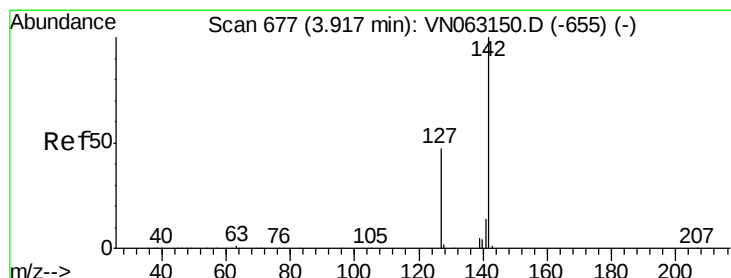
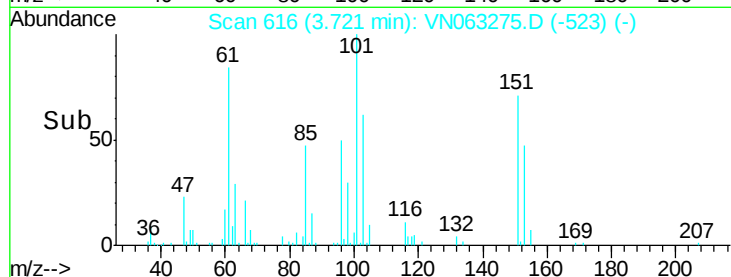
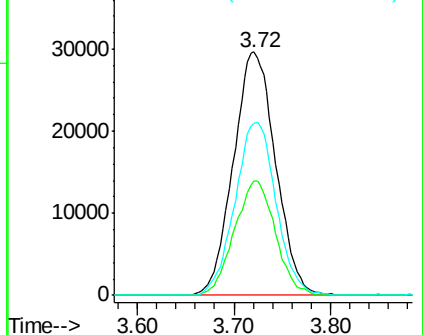
151 69.3 55.0 82.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.172 ug/l

RT: 3.91 min Scan# 676

Delta R.T. -0.00 min

Lab File: VN063275.D

Acq: 9 Sep 2020 12:16

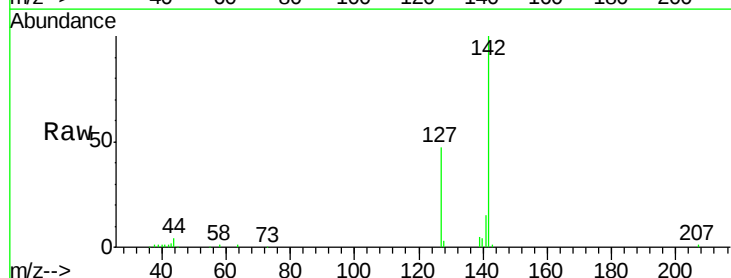
Tgt Ion:142 Resp: 110546

Ion Ratio Lower Upper

142 100

127 48.2 37.6 56.4

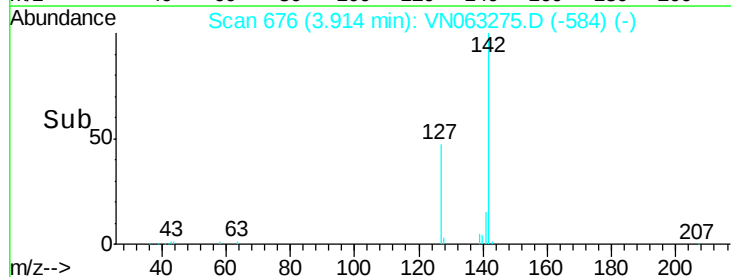
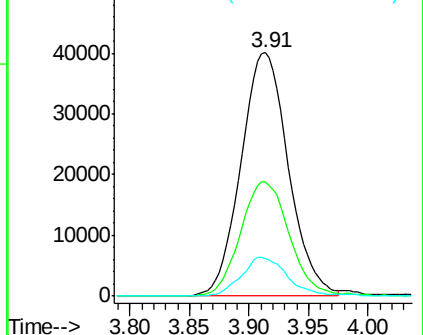
141 15.4 11.3 16.9

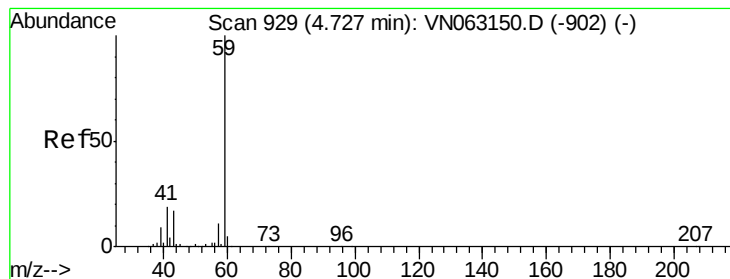


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



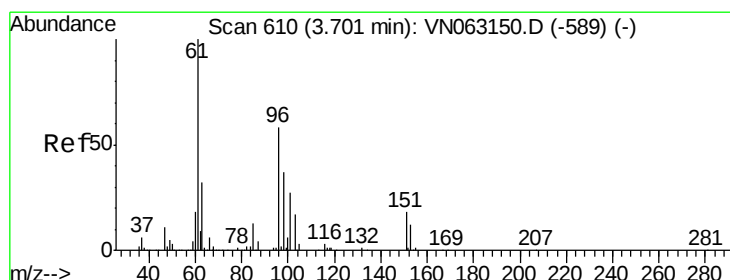
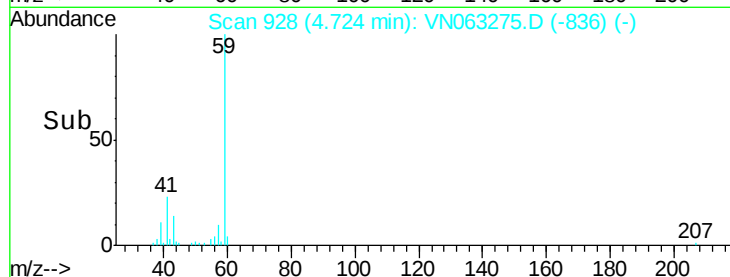
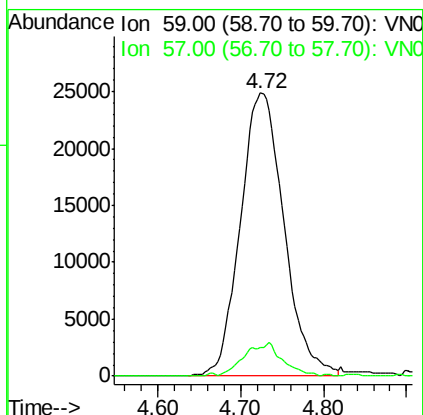
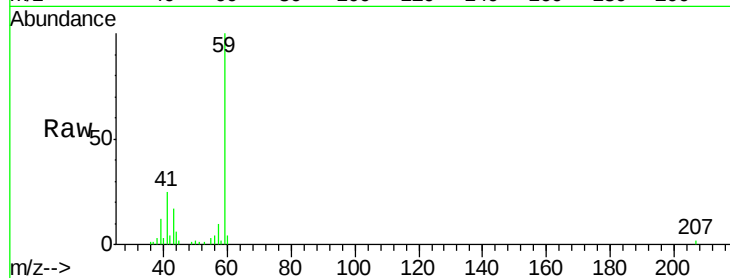


#11

Tert butyl alcohol
 Concen: 109.467 ug/l
 RT: 4.72 min Scan# 928
 Delta R.T. -0.00 min
 Lab File: VN063275.D
 Acq: 9 Sep 2020 12:16

Instrument :
 MSVOA_N
 ClientSampled :
 VN0909MBS01

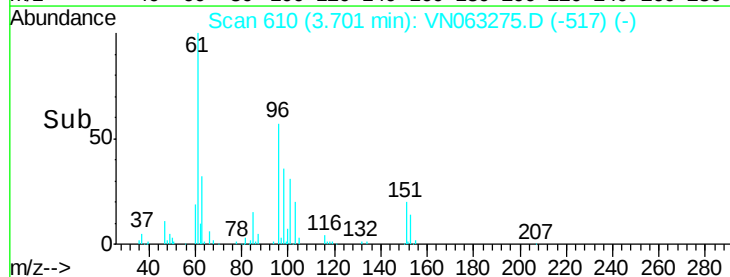
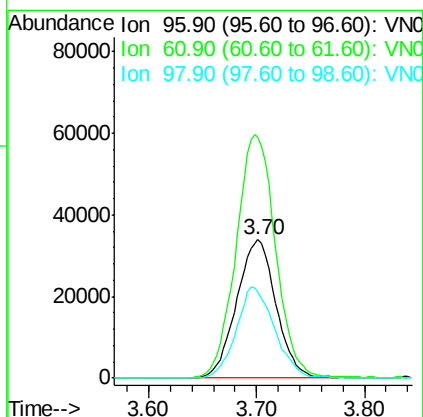
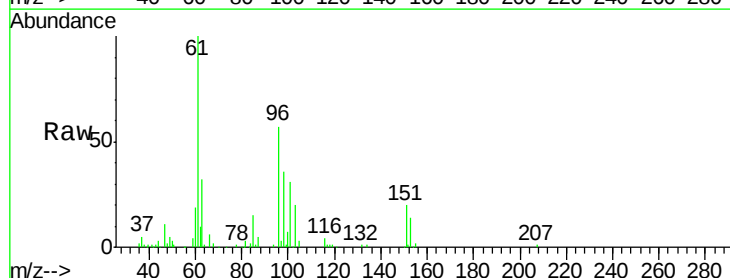
Tgt Ion: 59 Resp: 90994
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.4 12.6

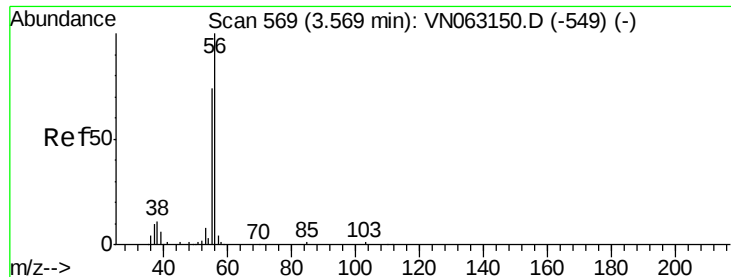


#12

1,1-Dichloroethene
 Concen: 19.000 ug/l
 RT: 3.70 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: VN063275.D
 Acq: 9 Sep 2020 12:16

Tgt Ion: 96 Resp: 86353
 Ion Ratio Lower Upper
 96 100
 61 173.9 137.4 206.2
 98 62.2 50.5 75.7





#13

Acrolein

Concen: 53.620 ug/l

RT: 3.57 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN063275.D

Acq: 9 Sep 2020 12:16

Instrument :

MSVOA_N

ClientSampleId :

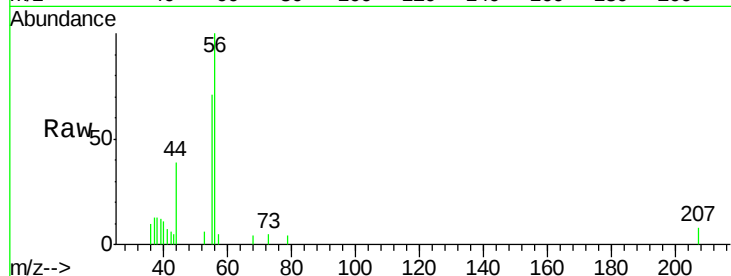
VN0909MBS01

Tgt Ion: 56 Resp: 12785

Ion Ratio Lower Upper

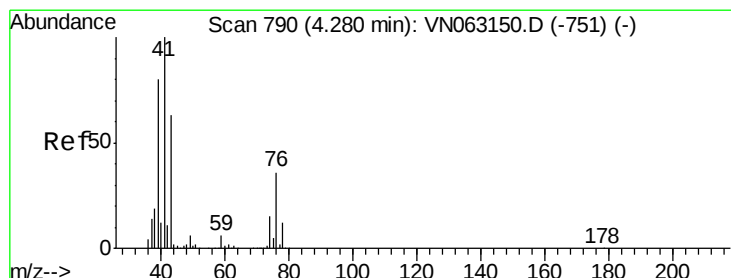
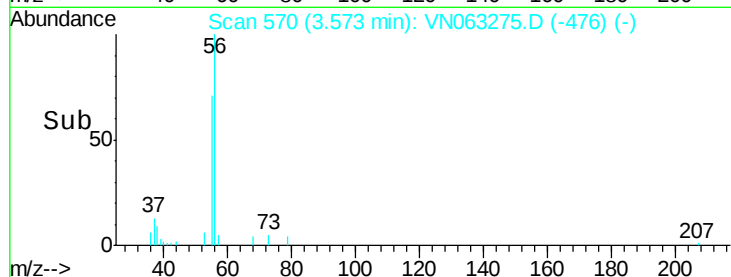
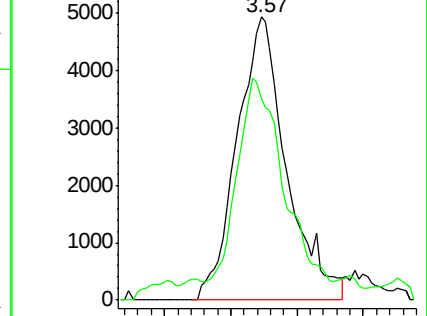
56 100

55 64.3 55.4 83.0



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 21.624 ug/l

RT: 4.28 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN063275.D

Acq: 9 Sep 2020 12:16

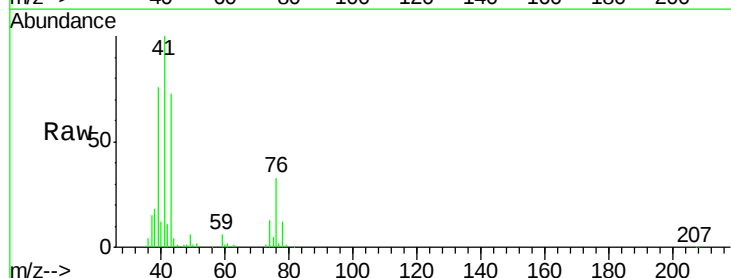
Tgt Ion: 41 Resp: 174551

Ion Ratio Lower Upper

41 100

39 70.9 60.2 90.2

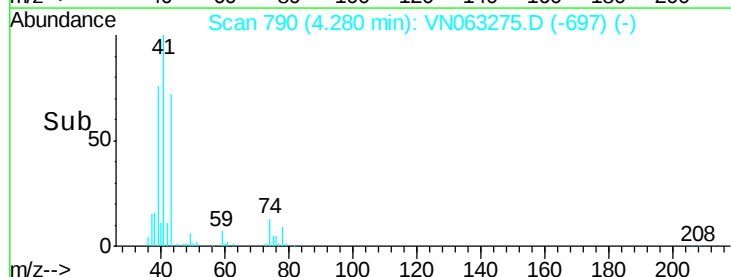
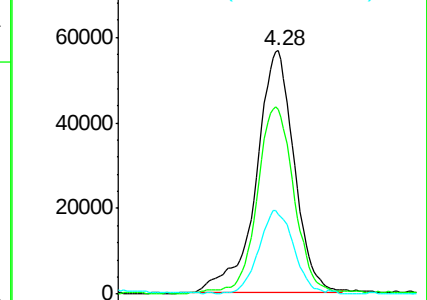
76 30.7 27.7 41.5

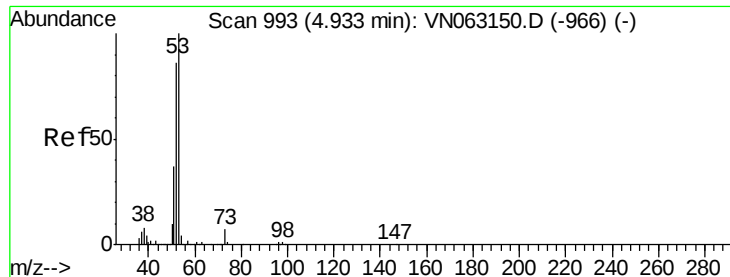


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 105.071 ug/l

RT: 4.93 min Scan# 991

Delta R.T. -0.01 min

Lab File: VN063275.D

Acq: 9 Sep 2020 12:16

Instrument :

MSVOA_N

ClientSampleId :

VN0909MBS01

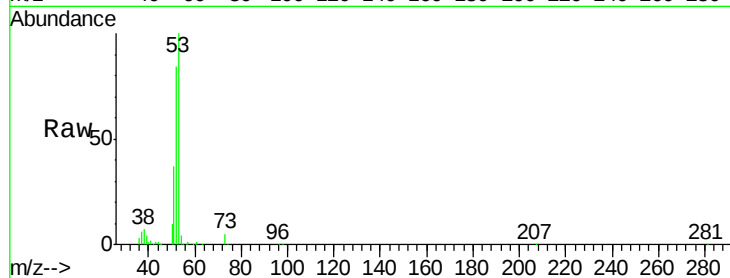
Tgt Ion: 53 Resp: 241373

Ion Ratio Lower Upper

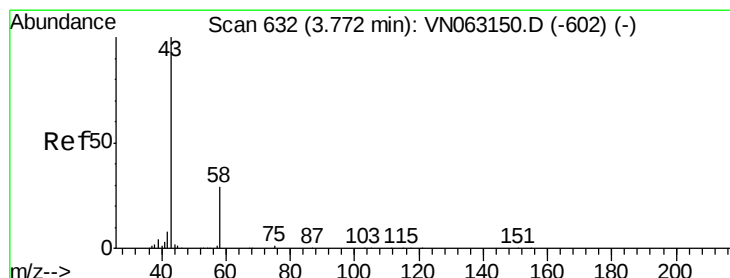
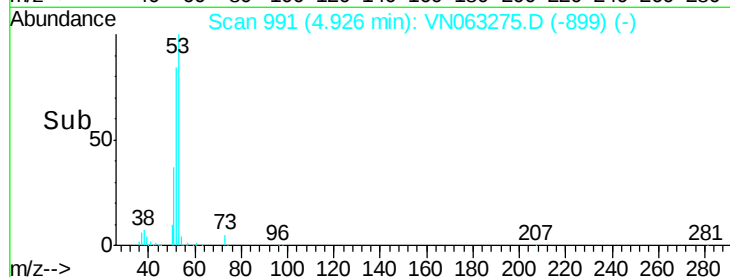
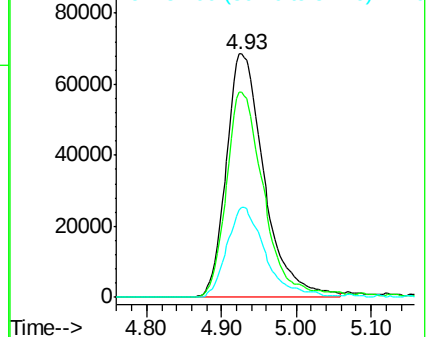
53 100

52 82.3 67.2 100.8

51 37.6 30.2 45.4



Abundance Ion 53.00 (52.70 to 53.70): VN0
Ion 52.00 (51.70 to 52.70): VN0
Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 109.073 ug/l

RT: 3.78 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN063275.D

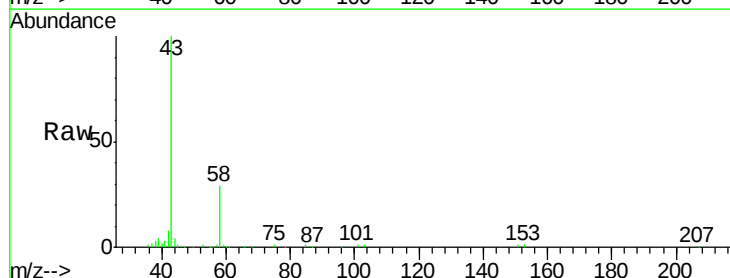
Acq: 9 Sep 2020 12:16

Tgt Ion: 43 Resp: 209971

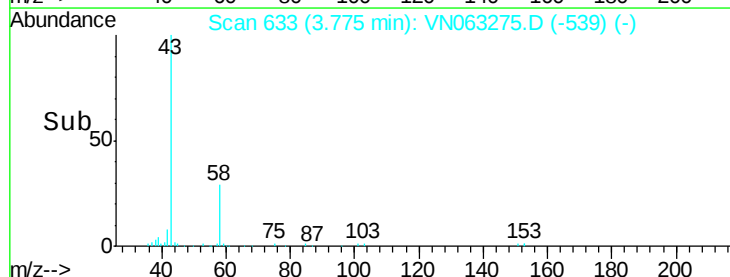
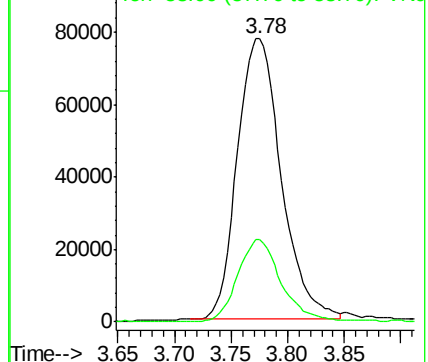
Ion Ratio Lower Upper

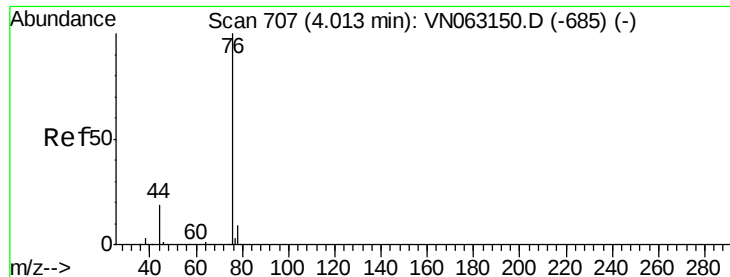
43 100

58 29.4 23.1 34.7



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

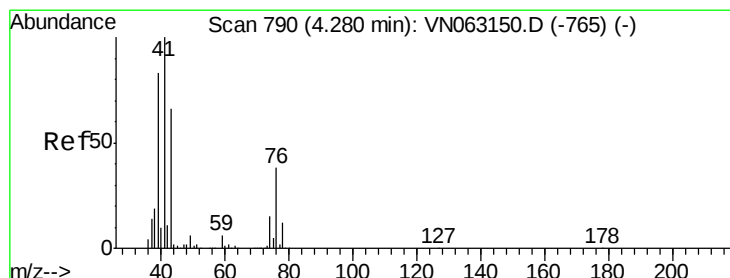
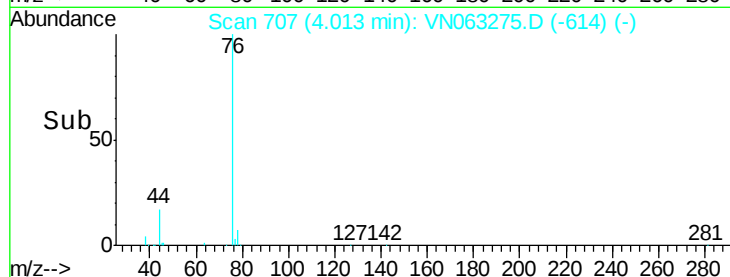
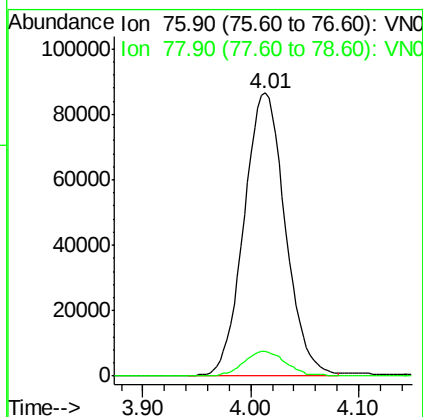
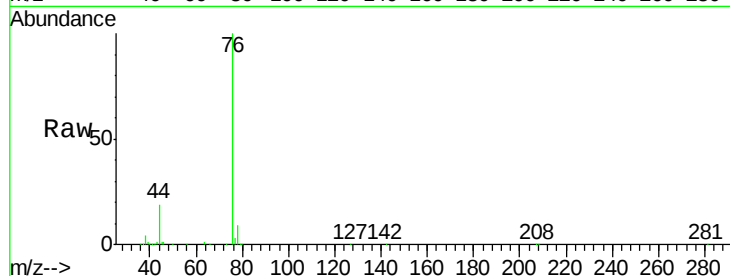




#17
Carbon Disulfide
Concen: 17.069 ug/l
RT: 4.01 min Scan# 707
Delta R.T. 0.00 min
Lab File: VN063275.D
Acq: 9 Sep 2020 12:16

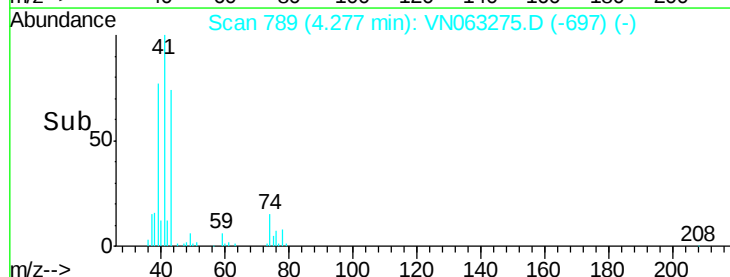
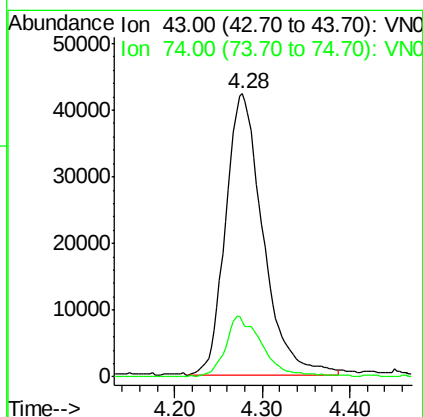
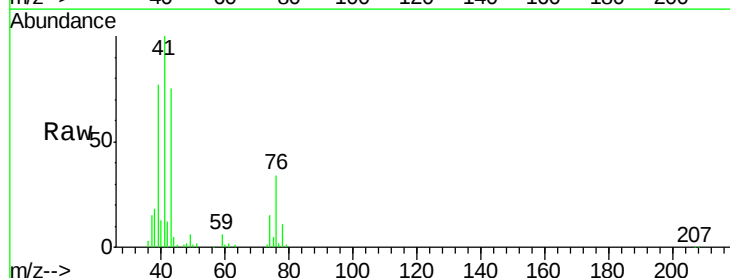
Instrument :
MSVOA_N
ClientSampleId :
VN0909MBS01

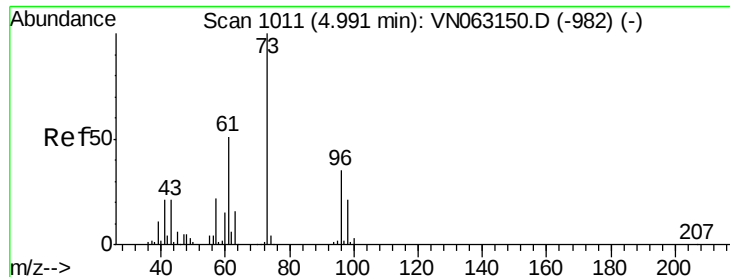
Tgt Ion: 76 Resp: 230911
Ion Ratio Lower Upper
76 100
78 8.7 7.5 11.3



#18
Methyl Acetate
Concen: 25.184 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN063275.D
Acq: 9 Sep 2020 12:16

Tgt Ion: 43 Resp: 124305
Ion Ratio Lower Upper
43 100
74 20.9 19.0 28.6

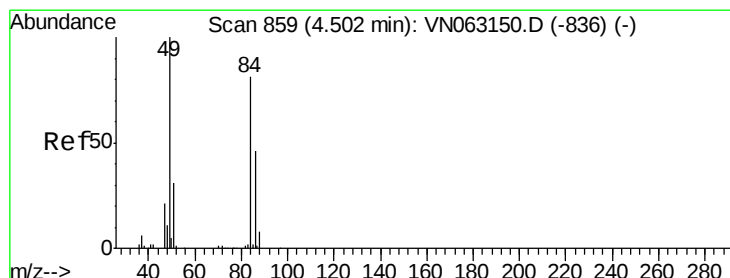
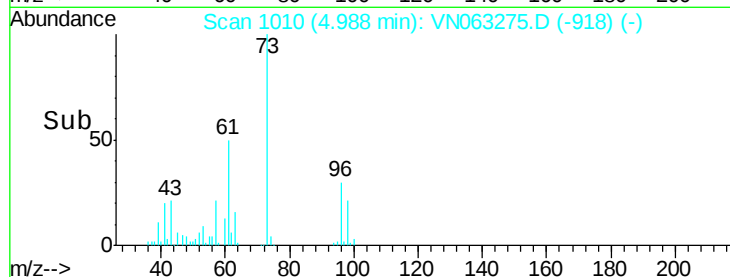
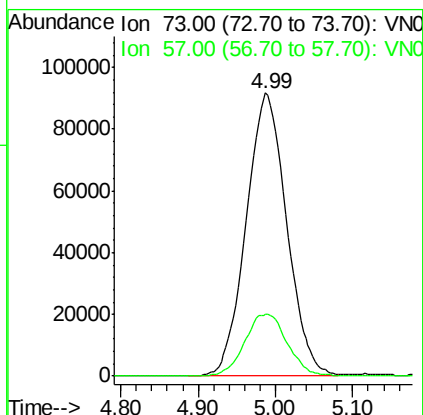
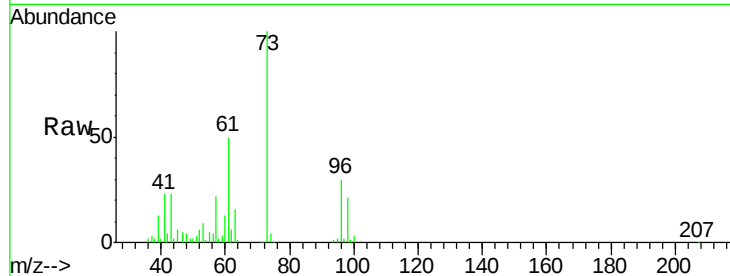




#19
Methyl tert-butyl Ether
Concen: 19.851 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. -0.00 min
Lab File: VN063275.D
Acq: 9 Sep 2020 12:16

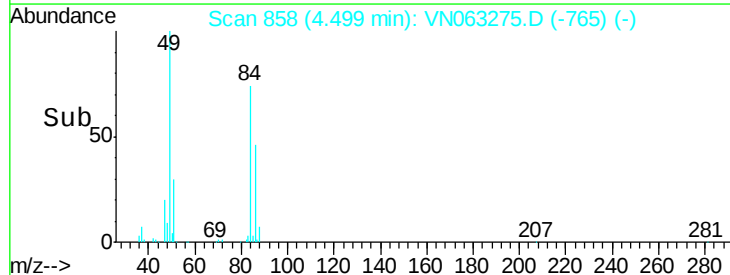
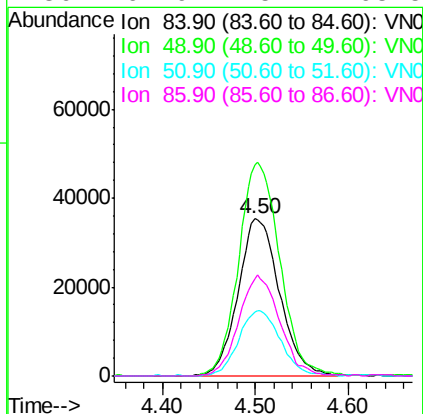
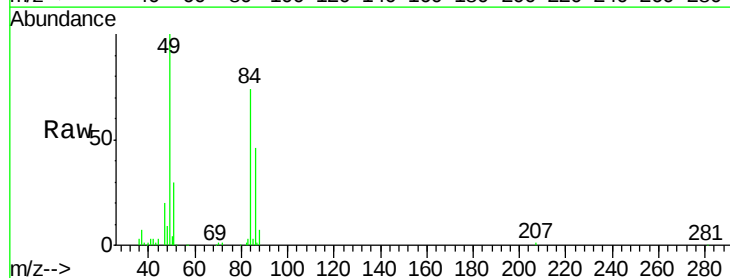
Instrument :
MSVOA_N
ClientSampled :
VN0909MBS01

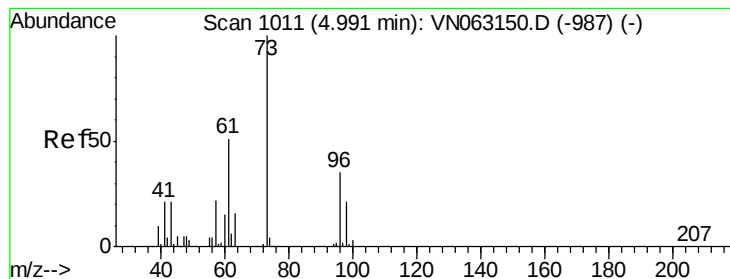
Tgt Ion: 73 Resp: 334705
Ion Ratio Lower Upper
73 100
57 21.6 17.6 26.4



#20
Methylene Chloride
Concen: 20.014 ug/l
RT: 4.50 min Scan# 858
Delta R.T. -0.00 min
Lab File: VN063275.D
Acq: 9 Sep 2020 12:16

Tgt Ion: 84 Resp: 109934
Ion Ratio Lower Upper
84 100
49 134.7 98.4 147.6
51 40.6 30.4 45.6
86 61.9 45.7 68.5





#21

trans-1,2-Dichloroethene

Concen: 18.568 ug/l

RT: 4.99 min Scan# 1012

Delta R.T. 0.00 min

Lab File: VN063275.D

Acq: 9 Sep 2020 12:16

Instrument :

MSVOA_N

ClientSampleId :

VN0909MBS01

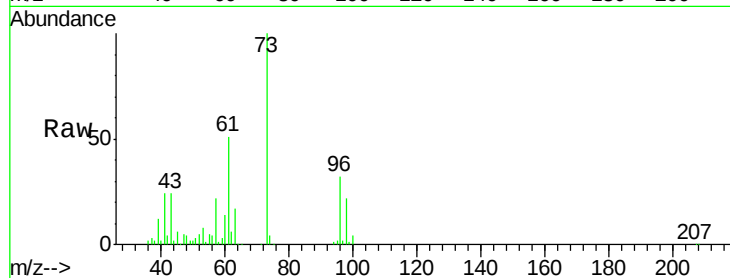
Tgt Ion: 96 Resp: 93237

Ion Ratio Lower Upper

96 100

61 158.6 116.2 174.4

98 69.1 48.0 72.0

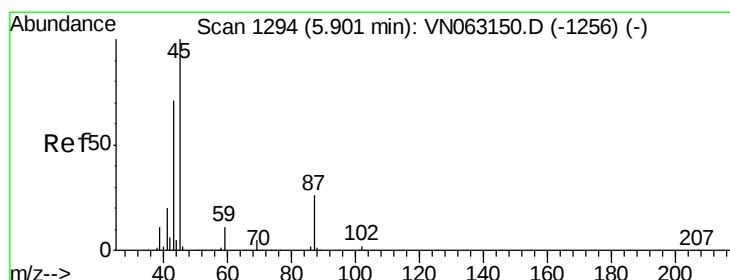
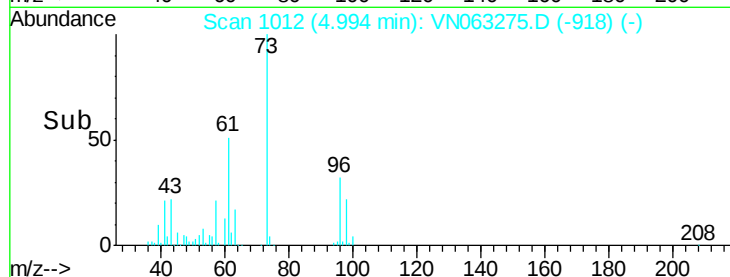
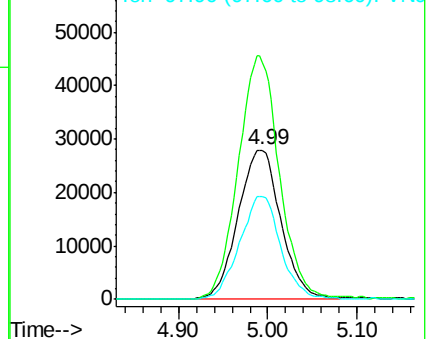


Abundance

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



#22

Diisopropyl ether

Concen: 20.936 ug/l

RT: 5.90 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VN063275.D

Acq: 9 Sep 2020 12:16

Tgt Ion: 45 Resp: 378705

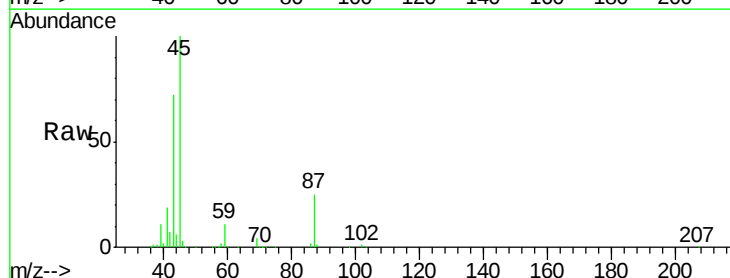
Ion Ratio Lower Upper

45 100

43 69.2 56.8 85.2

87 24.6 21.1 31.7

59 10.8 8.9 13.3



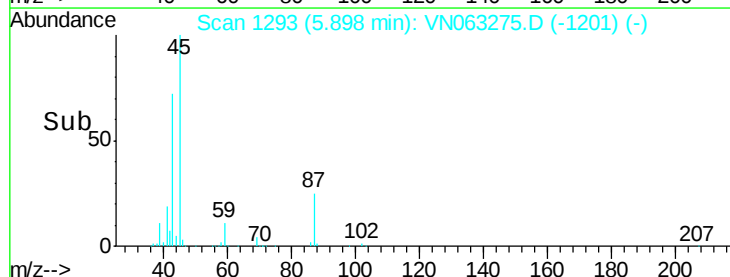
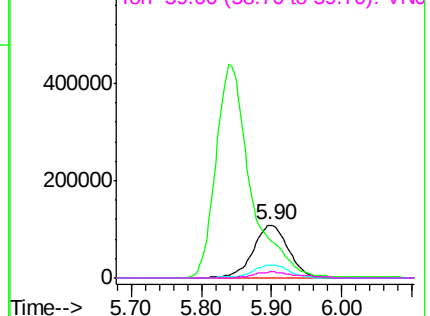
Abundance

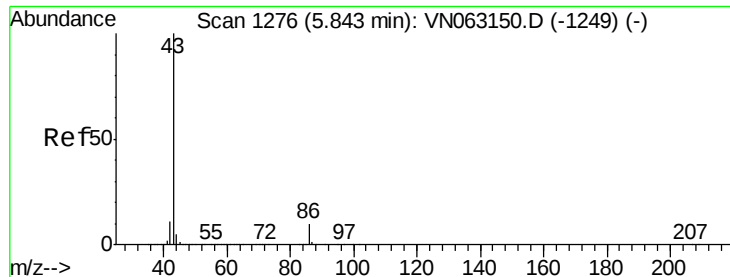
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0

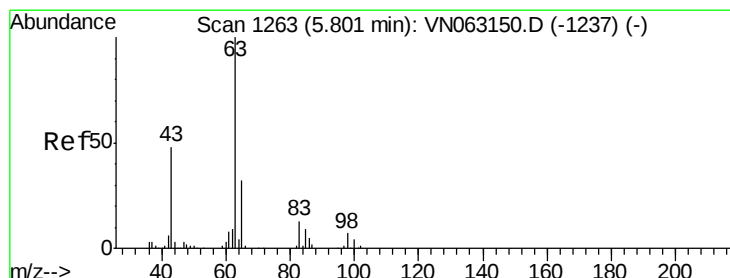
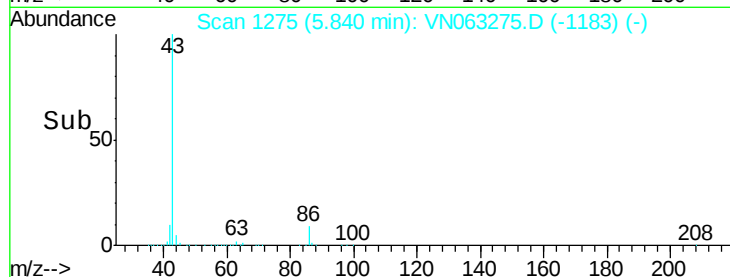
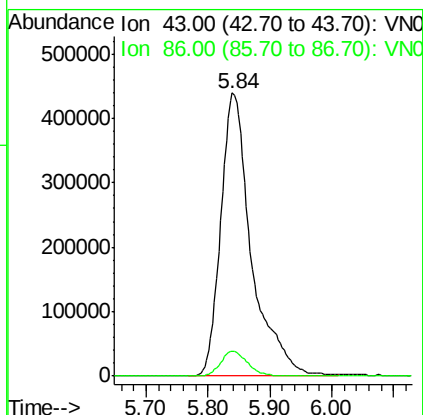
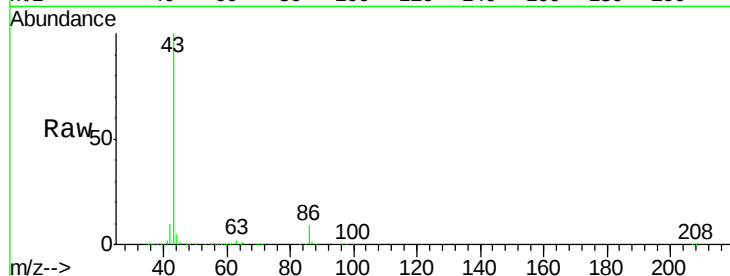




#23
 Vinyl Acetate
 Concen: 104.939 ug/l
 RT: 5.84 min Scan# 1275
 Delta R.T. -0.00 min
 Lab File: VN063275.D
 Acq: 9 Sep 2020 12:16

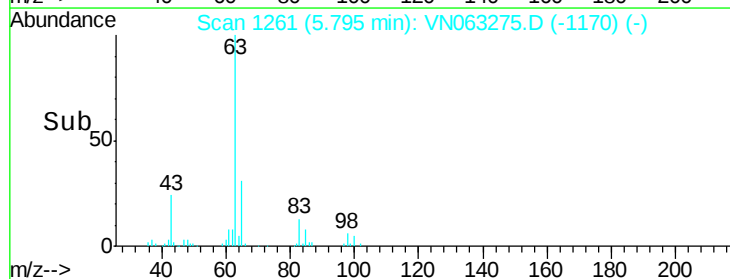
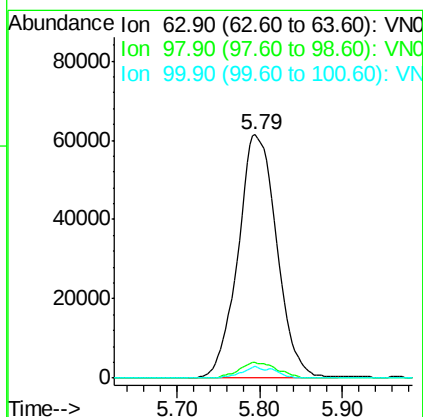
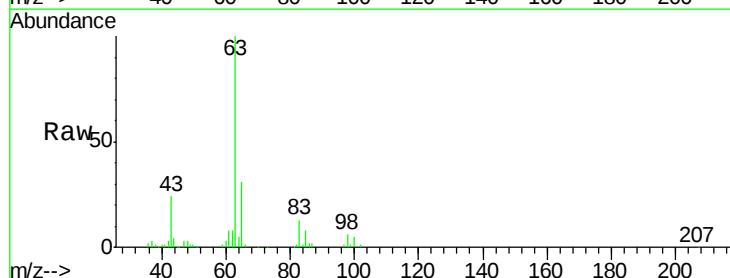
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0909MBS01

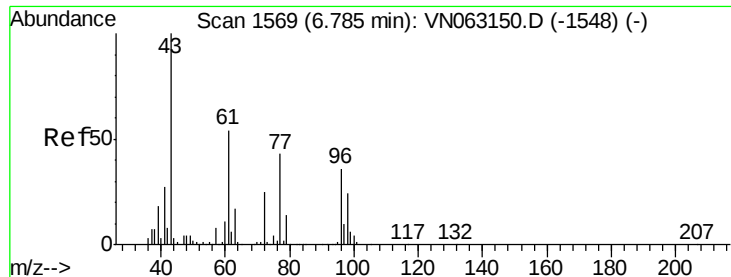
Tgt Ion: 43 Resp: 1514616
 Ion Ratio Lower Upper
 43 100
 86 8.7 8.3 12.5



#24
 1,1-Dichloroethane
 Concen: 20.037 ug/l
 RT: 5.79 min Scan# 1261
 Delta R.T. -0.01 min
 Lab File: VN063275.D
 Acq: 9 Sep 2020 12:16

Tgt Ion: 63 Resp: 199806
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.4 10.1
 100 4.7 2.3 6.8

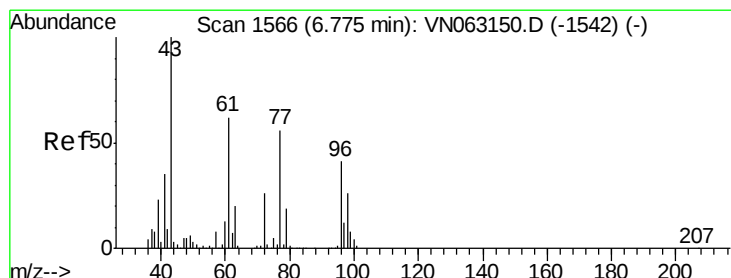
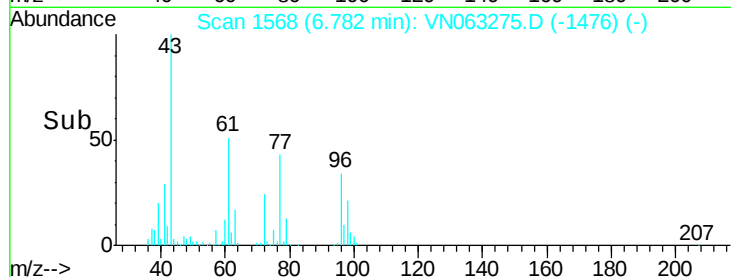
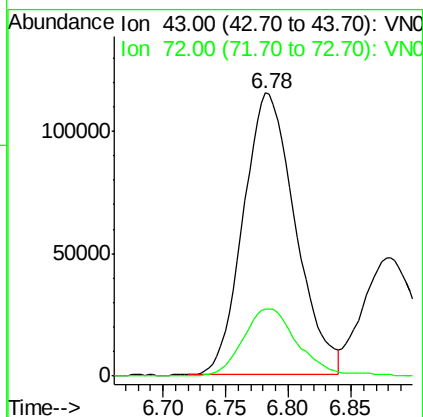
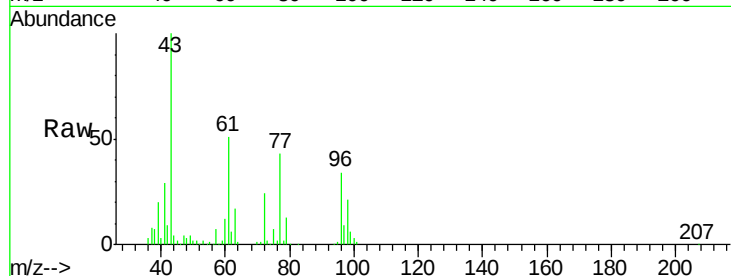




#25
2-Butanone
Concen: 111.675 ug/l
RT: 6.78 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VN063275.D
Acq: 9 Sep 2020 12:16

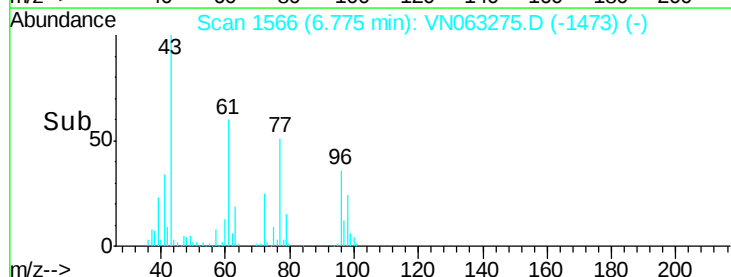
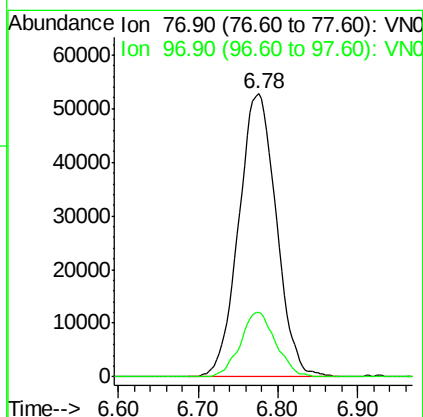
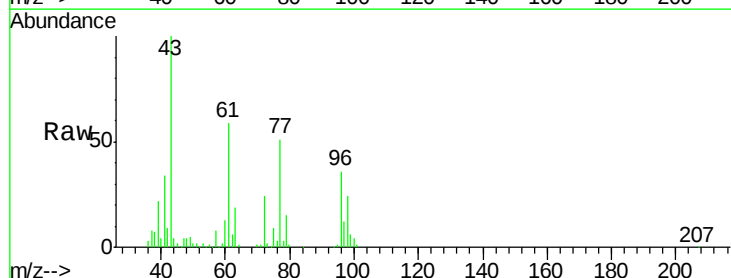
Instrument :
MSVOA_N
ClientSampled :
VN0909MBS01

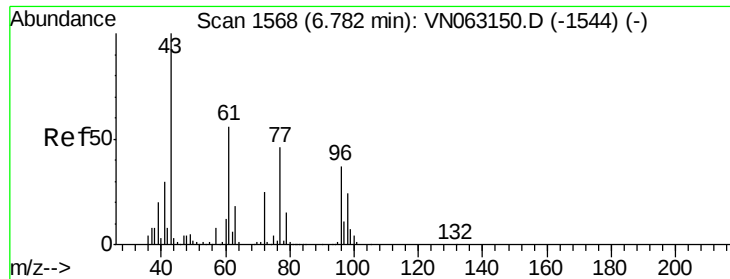
Tgt Ion: 43 Resp: 332875
Ion Ratio Lower Upper
43 100
72 23.9 20.2 30.4



#26
2,2-Dichloropropane
Concen: 18.637 ug/l
RT: 6.78 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VN063275.D
Acq: 9 Sep 2020 12:16

Tgt Ion: 77 Resp: 168385
Ion Ratio Lower Upper
77 100
97 21.4 10.7 31.9

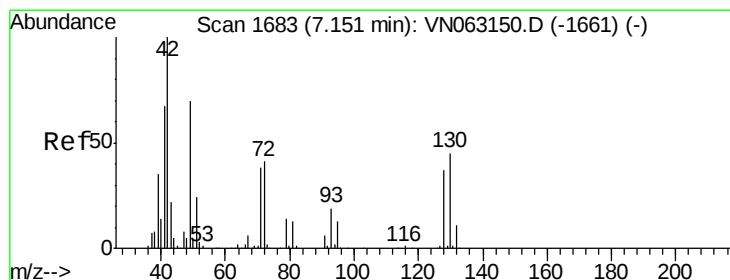
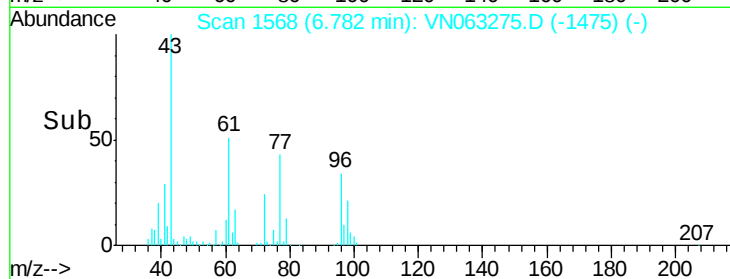
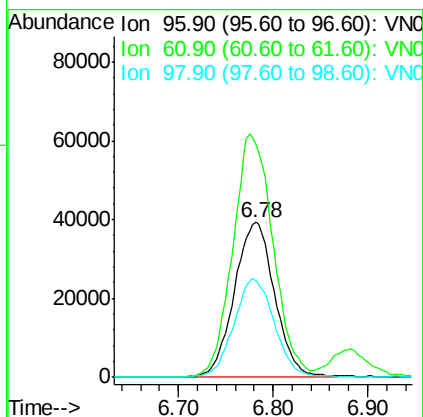
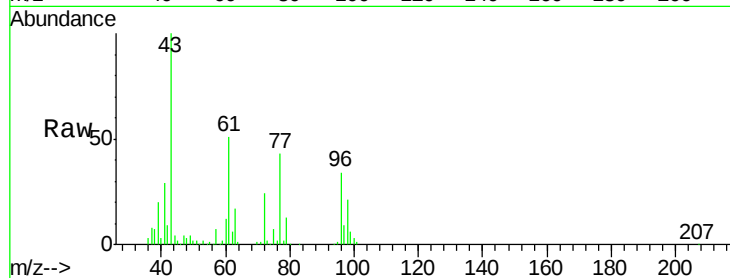




#27
 cis-1,2-Dichloroethene
 Concen: 19.129 ug/l
 RT: 6.78 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: VN063275.D
 Acq: 9 Sep 2020 12:16

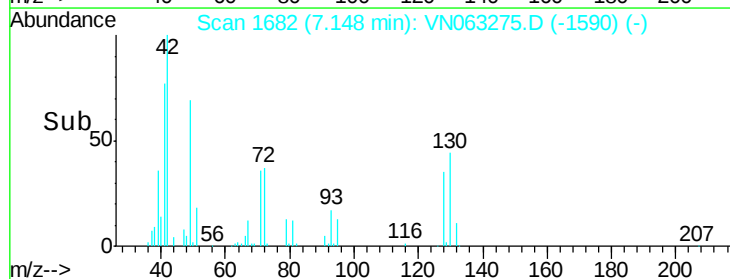
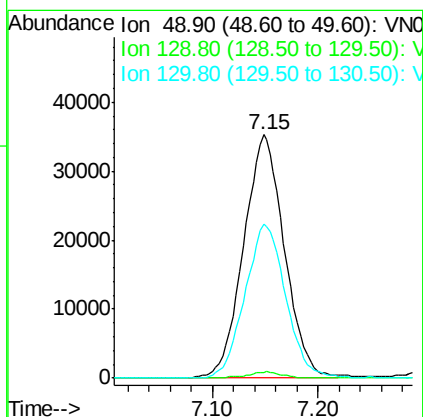
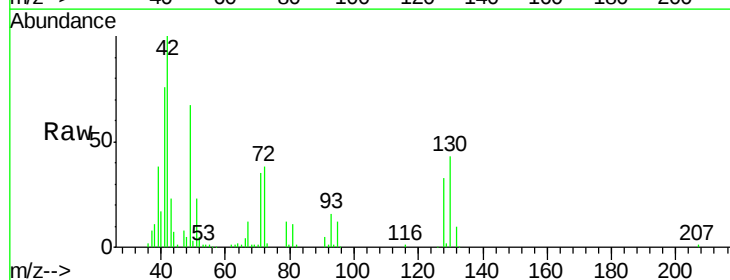
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0909MBS01

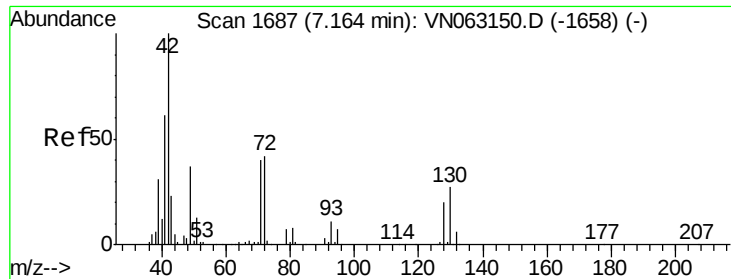
Tgt Ion: 96 Resp: 116754
 Ion Ratio Lower Upper
 96 100
 61 156.3 0.0 303.2
 98 63.7 0.0 129.0



#28
 Bromochloromethane
 Concen: 18.158 ug/l
 RT: 7.15 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: VN063275.D
 Acq: 9 Sep 2020 12:16

Tgt Ion: 49 Resp: 94599
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.0
 130 63.3 54.4 81.6

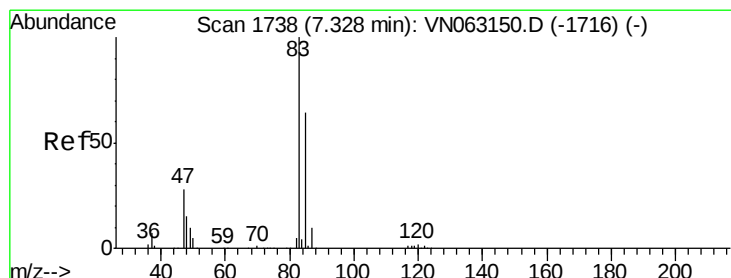
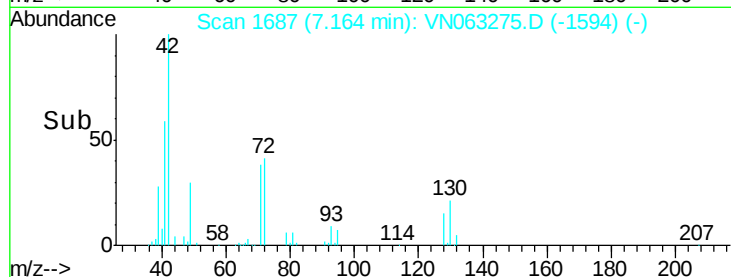
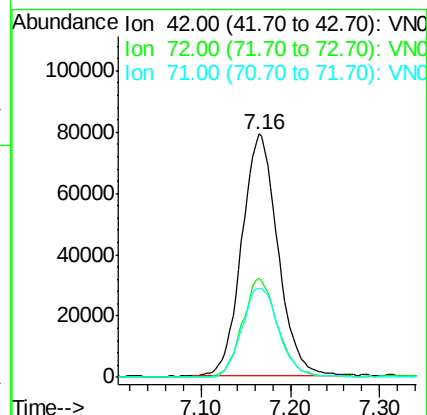
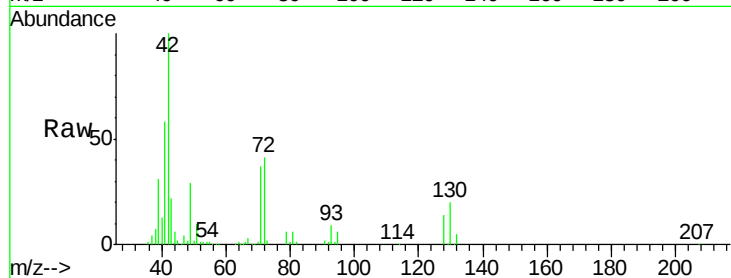




#29
Tetrahydrofuran
Concen: 106.899 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VN063275.D
Acq: 9 Sep 2020 12:16

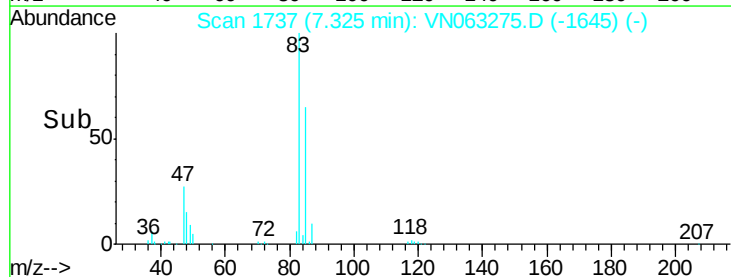
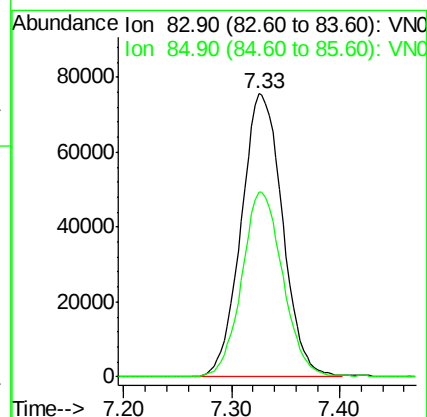
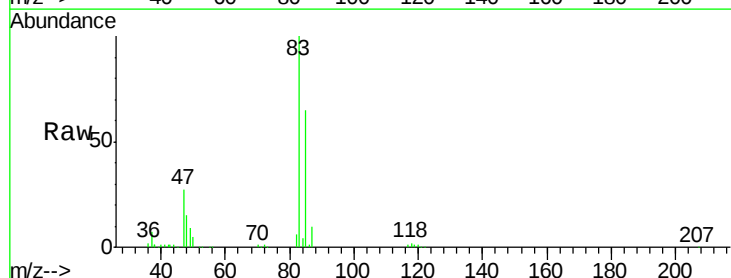
Instrument :
MSVOA_N
ClientSampled :
VN0909MBS01

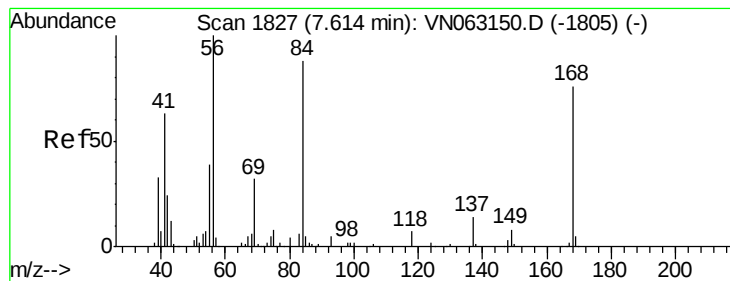
Tgt Ion: 42 Resp: 220324
Ion Ratio Lower Upper
42 100
72 40.4 33.9 50.9
71 37.9 31.9 47.9



#30
Chloroform
Concen: 19.326 ug/l
RT: 7.33 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VN063275.D
Acq: 9 Sep 2020 12:16

Tgt Ion: 83 Resp: 201628
Ion Ratio Lower Upper
83 100
85 65.3 51.0 76.6





#31

Cyclohexane

Concen: 18.680 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN063275.D

Acq: 9 Sep 2020 12:16

Instrument :

MSVOA_N

ClientSampleId :

VN0909MBS01

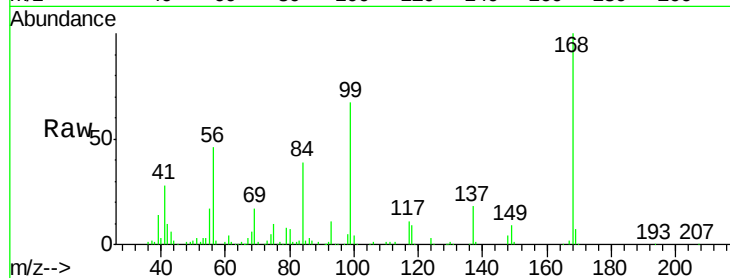
Tgt Ion: 56 Resp: 173803

Ion Ratio Lower Upper

56 100

69 37.4 25.4 38.0

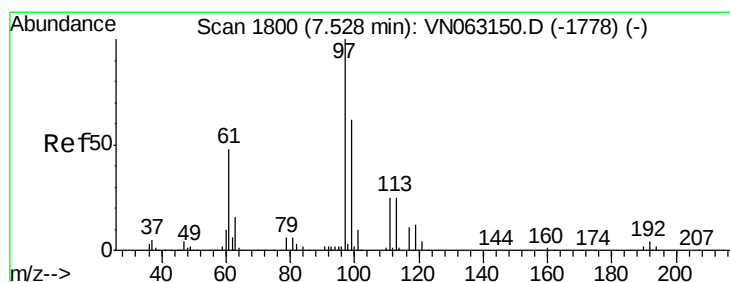
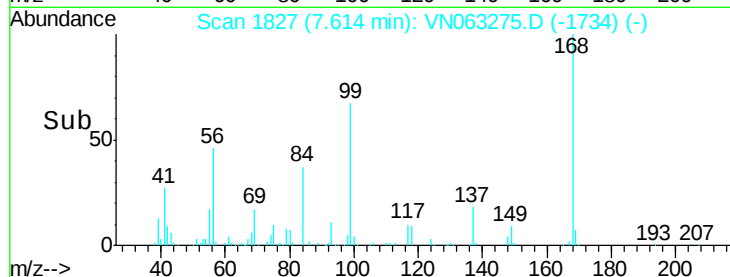
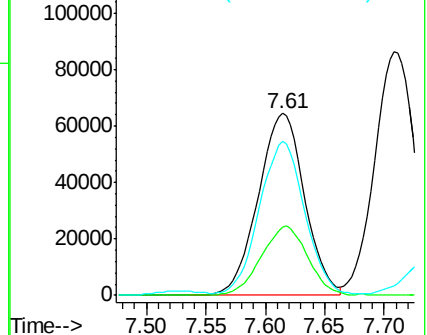
84 82.4 70.2 105.4



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 18.751 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VN063275.D

Acq: 9 Sep 2020 12:16

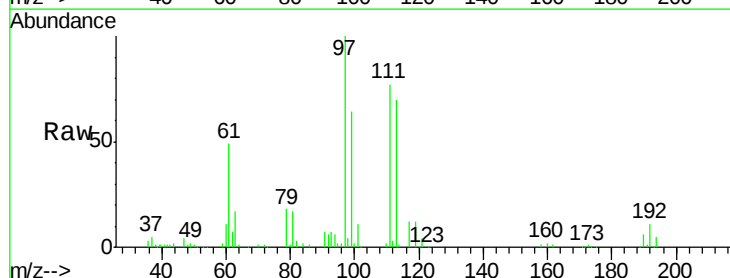
Tgt Ion: 97 Resp: 168574

Ion Ratio Lower Upper

97 100

99 65.0 50.8 76.2

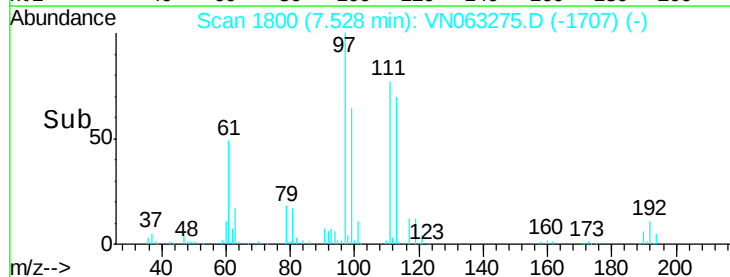
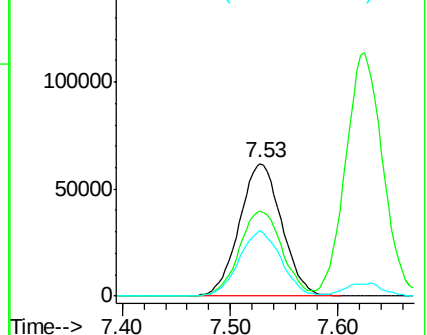
61 49.1 37.4 56.2

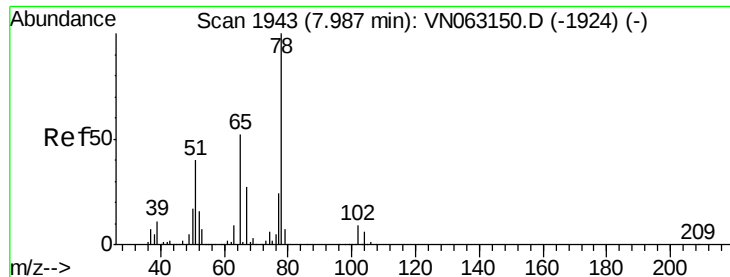


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

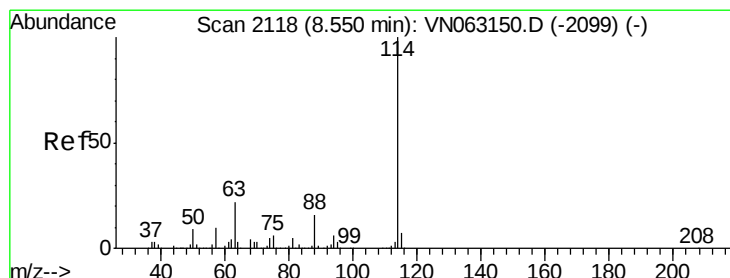
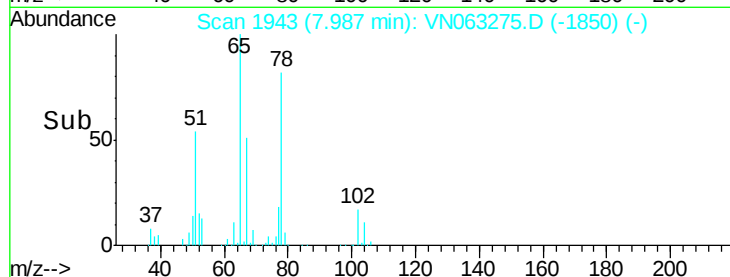
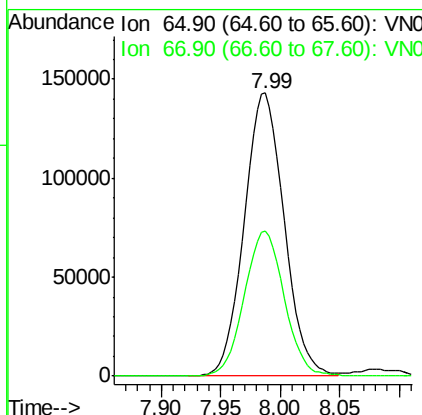
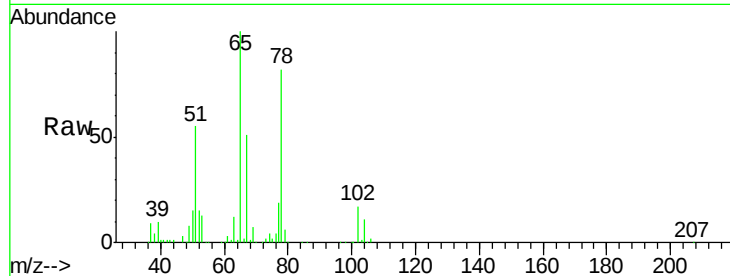




#33
 1,2-Dichloroethane-d4
 Concen: 49.218 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN063275.D
 Acq: 9 Sep 2020 12:16

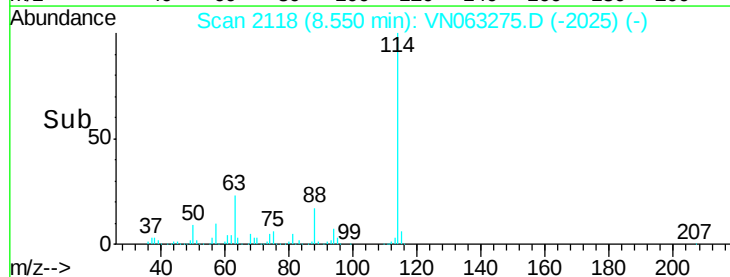
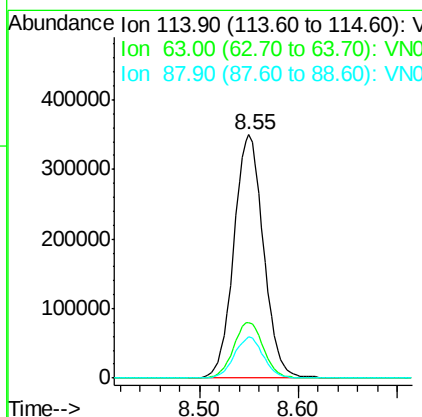
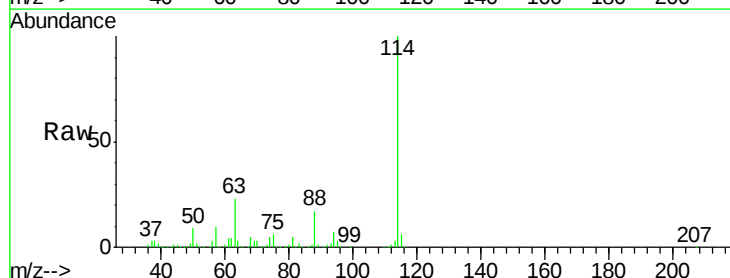
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0909MBS01

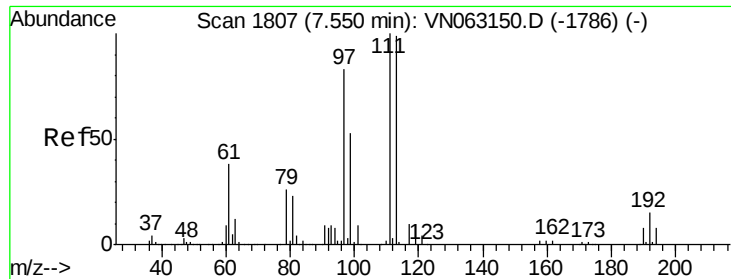
Tgt Ion: 65 Resp: 333295
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN063275.D
 Acq: 9 Sep 2020 12:16

Tgt Ion: 114 Resp: 730368
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 43.0
 88 16.8 0.0 31.6

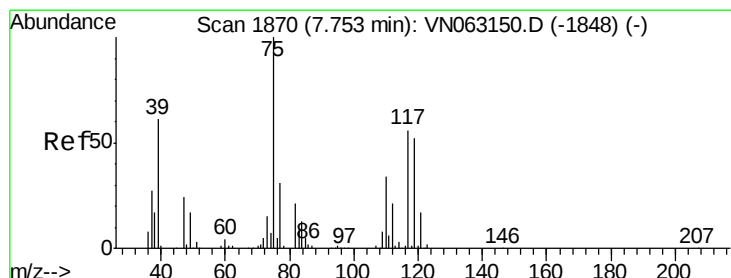
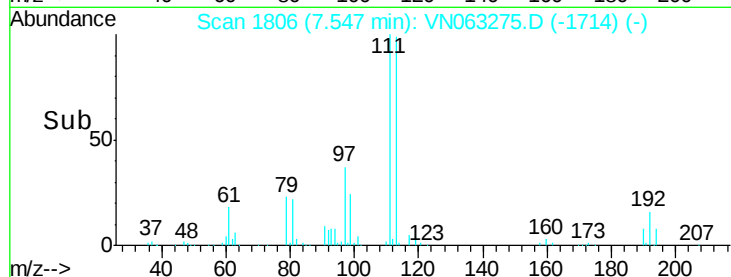
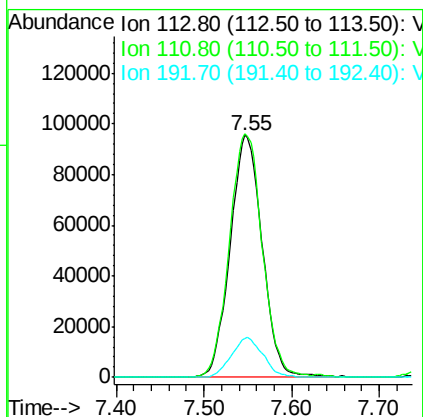
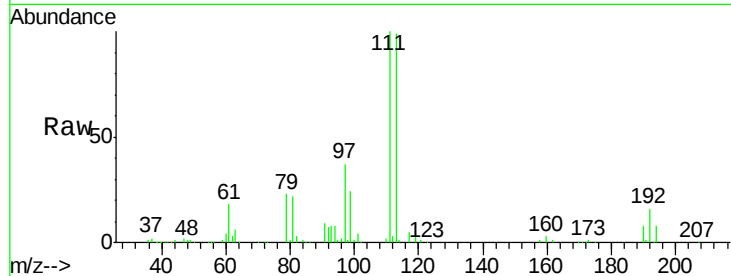




#35
Dibromofluoromethane
Concen: 51.878 ug/l
RT: 7.55 min Scan# 1806
Delta R.T. -0.00 min
Lab File: VN063275.D
Acq: 9 Sep 2020 12:16

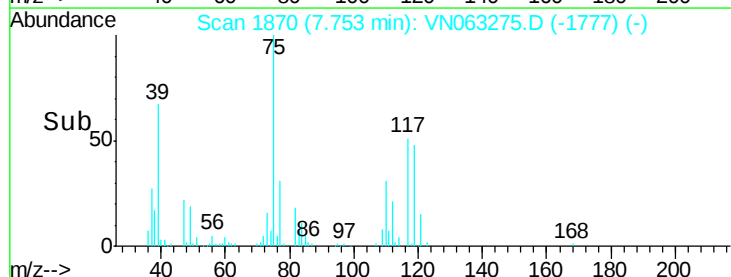
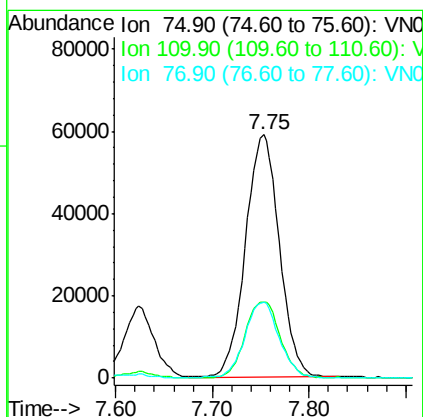
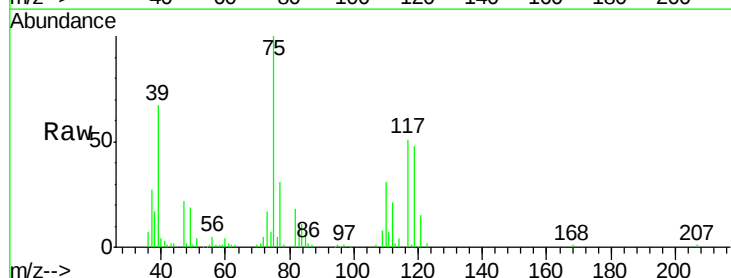
Instrument :
MSVOA_N
ClientSampleId :
VN0909MBS01

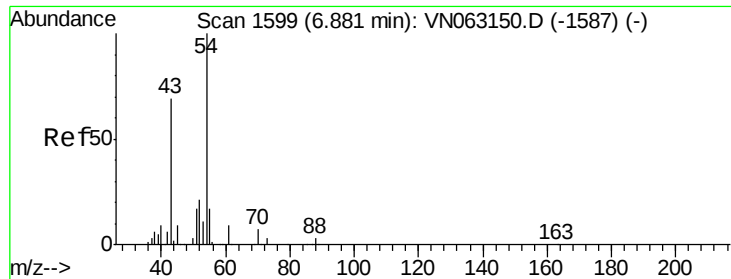
Tgt Ion: 113 Resp: 243082
Ion Ratio Lower Upper
113 100
111 103.1 80.7 121.1
192 16.3 12.6 19.0



#36
1,1-Dichloropropene
Concen: 20.478 ug/l
RT: 7.75 min Scan# 1870
Delta R.T. 0.00 min
Lab File: VN063275.D
Acq: 9 Sep 2020 12:16

Tgt Ion: 75 Resp: 143782
Ion Ratio Lower Upper
75 100
110 32.9 16.6 49.8
77 31.8 25.4 38.2

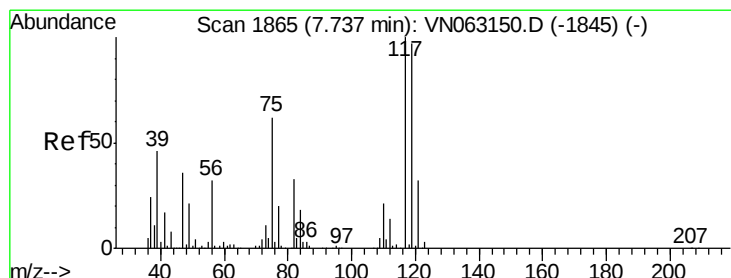
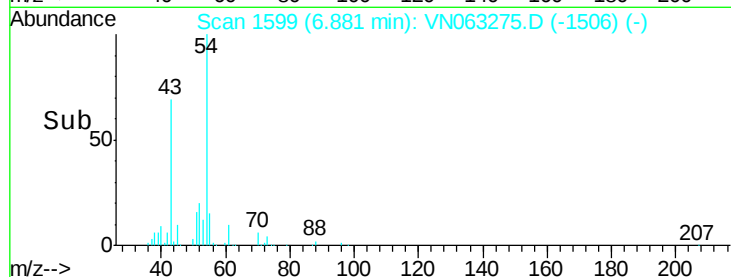
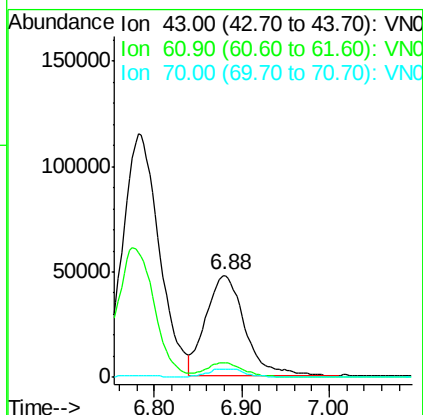
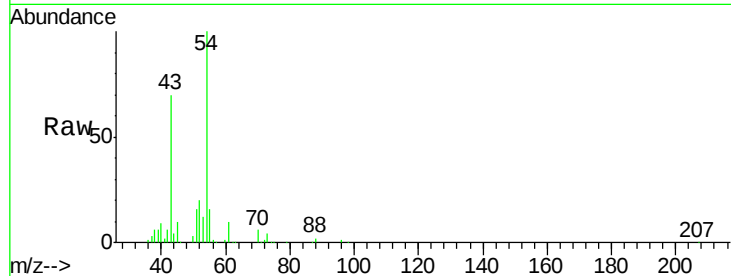




#37
 Ethyl Acetate
 Concen: 22.408 ug/l
 RT: 6.88 min Scan# 1599
 Delta R.T. 0.00 min
 Lab File: VN063275.D
 Acq: 9 Sep 2020 12:16

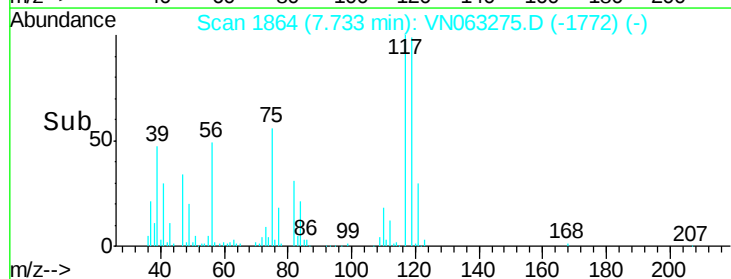
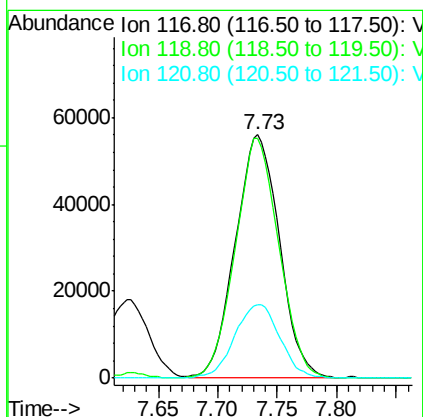
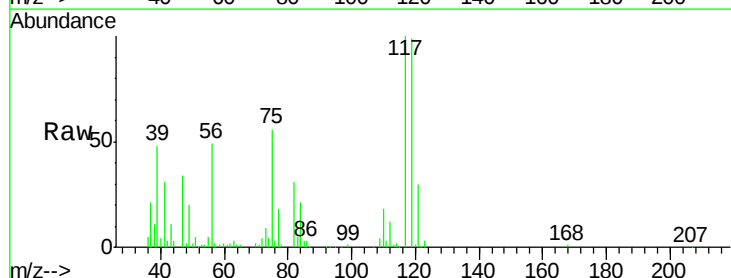
Instrument :
 MSVOA_N
 ClientSampled :
 VN0909MBS01

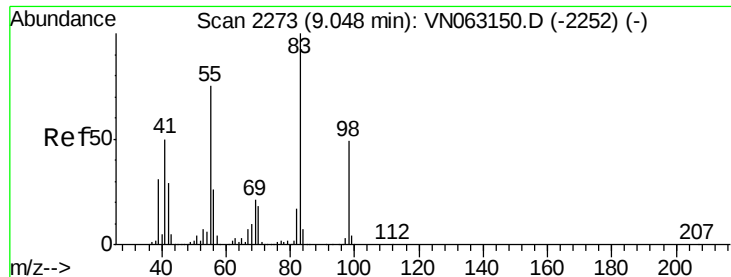
Tgt Ion: 43 Resp: 147164
 Ion Ratio Lower Upper
 43 100
 61 13.1 10.2 15.4
 70 8.6 3.0 4.6#



#38
 Carbon Tetrachloride
 Concen: 20.090 ug/l
 RT: 7.73 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VN063275.D
 Acq: 9 Sep 2020 12:16

Tgt Ion: 117 Resp: 143057
 Ion Ratio Lower Upper
 117 100
 119 98.6 77.2 115.8
 121 30.5 25.6 38.4

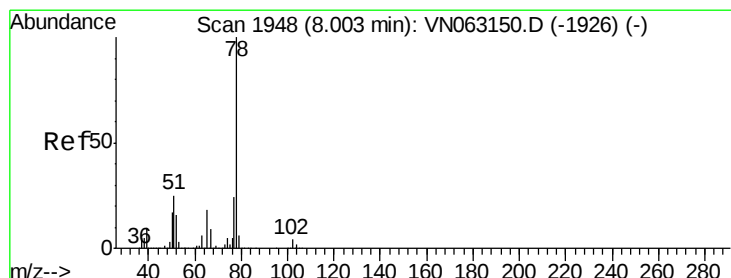
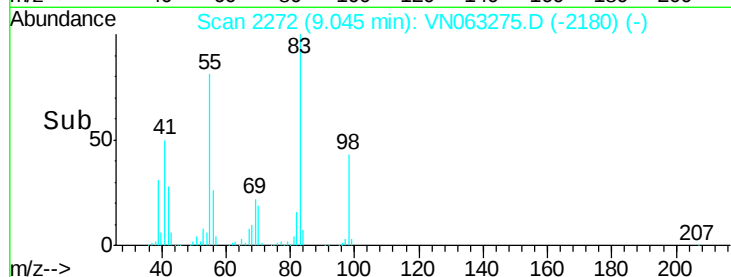
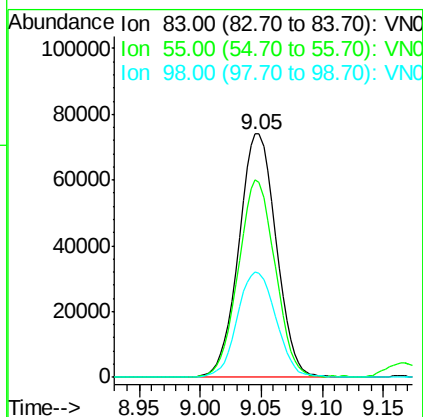
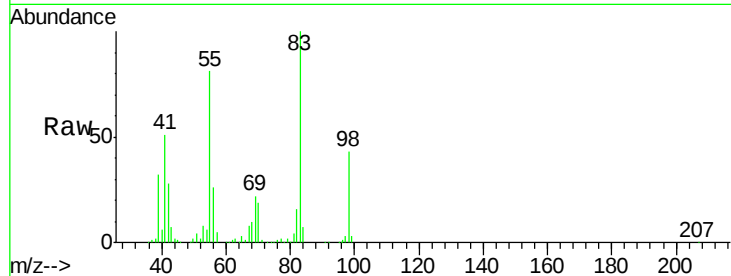




#39
Methylcyclohexane
Concen: 19.863 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN063275.D
Acq: 9 Sep 2020 12:16

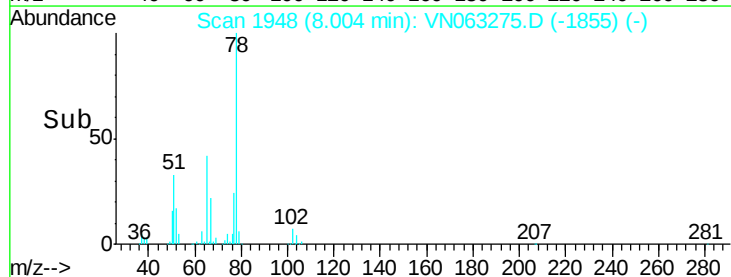
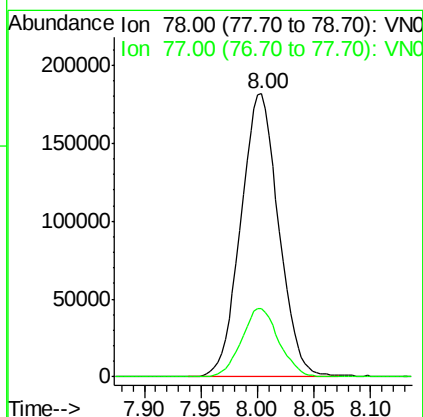
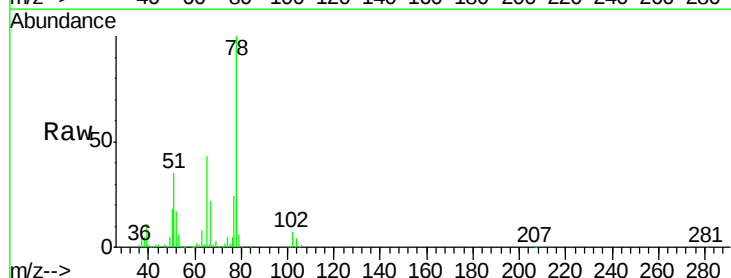
Instrument :
MSVOA_N
ClientSampleId :
VN0909MBS01

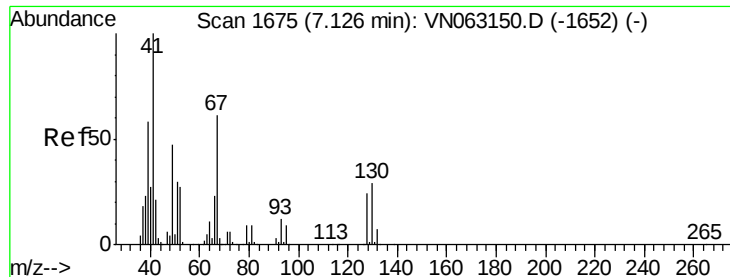
Tgt Ion: 83 Resp: 156680
Ion Ratio Lower Upper
83 100
55 81.1 60.3 90.5
98 43.1 38.9 58.3



#40
Benzene
Concen: 20.580 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063275.D
Acq: 9 Sep 2020 12:16

Tgt Ion: 78 Resp: 424626
Ion Ratio Lower Upper
78 100
77 24.0 19.3 28.9

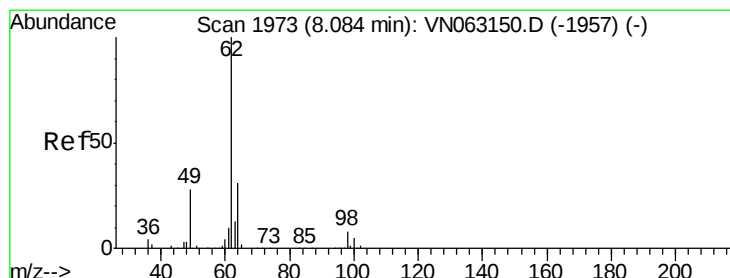
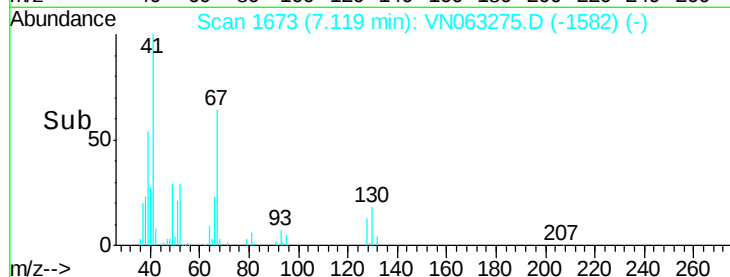
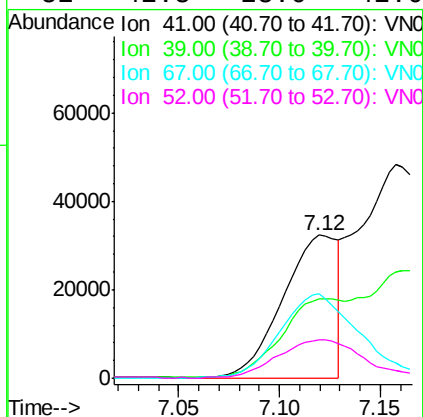
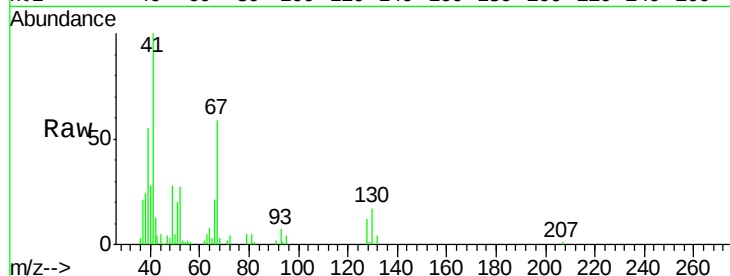




#41
Methacrylonitrile
Concen: 20.691 ug/l
RT: 7.12 min Scan# 1673
Delta R.T. -0.01 min
Lab File: VN063275.D
Acq: 9 Sep 2020 12:16

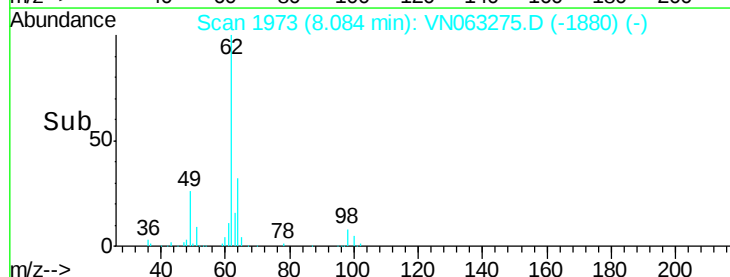
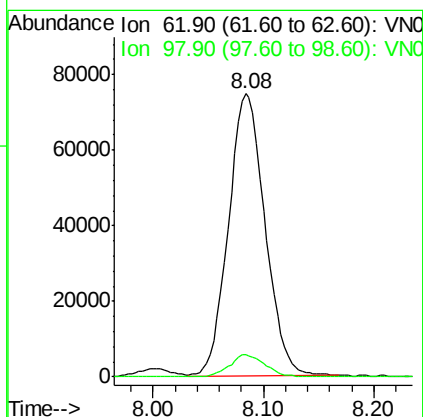
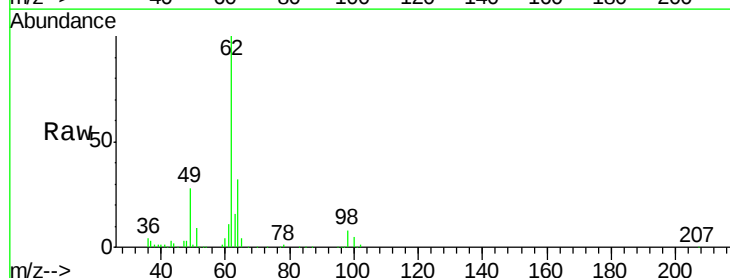
Instrument :
MSVOA_N
ClientSampleId :
VN0909MBS01

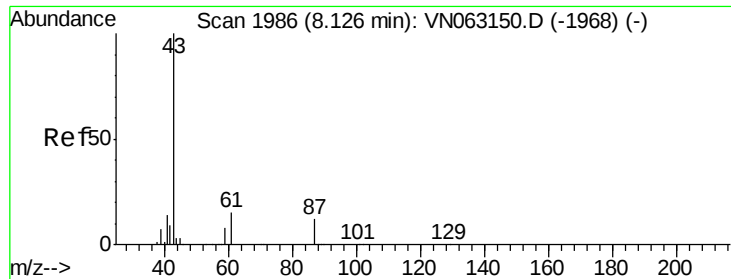
Tgt Ion:	41	Resp:	61202
Ion	Ratio	Lower	Upper
41	100		
39	60.8	46.6	70.0
67	86.7	62.6	94.0
52	42.8	28.0	42.0#



#42
1,2-Dichloroethane
Concen: 22.281 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VN063275.D
Acq: 9 Sep 2020 12:16

Tgt Ion:	62	Resp:	171729
Ion	Ratio	Lower	Upper
62	100		
98	7.7	0.0	17.2

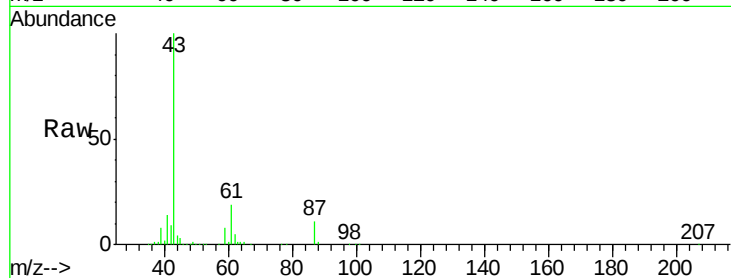




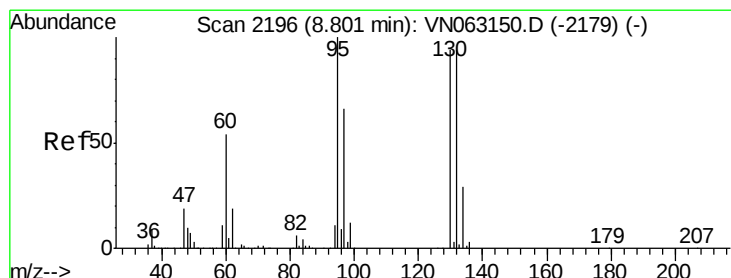
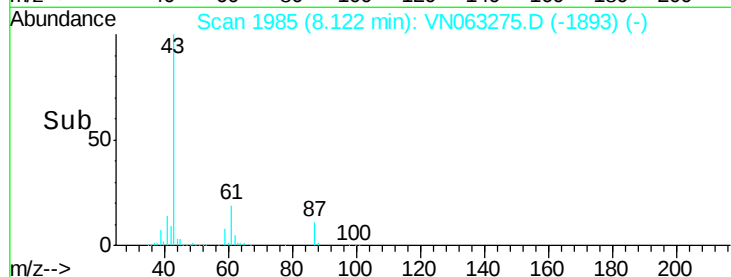
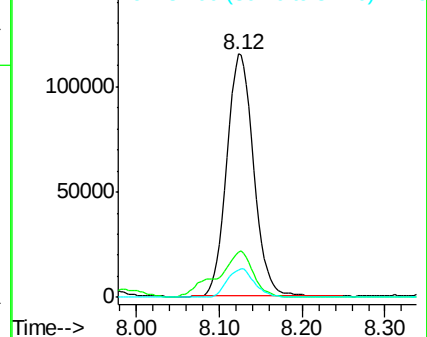
#43
Isopropyl Acetate
Concen: 22.556 ug/l
RT: 8.12 min Scan# 1985
Delta R.T. -0.00 min
Lab File: VN063275.D
Acq: 9 Sep 2020 12:16

Instrument :
MSVOA_N
ClientSampleId :
VN0909MBS01

Tgt Ion: 43 Resp: 258288
Ion Ratio Lower Upper
43 100
61 25.1 20.2 30.4
87 12.0 9.8 14.6

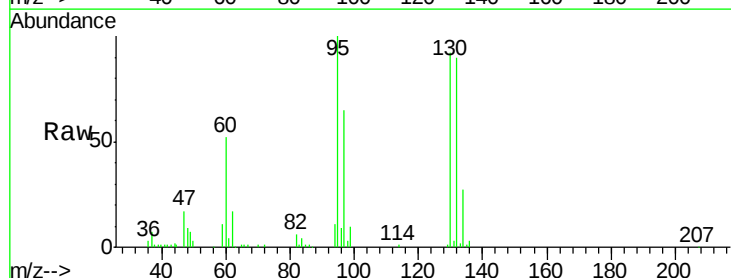


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 87.00 (86.70 to 87.70): VN0

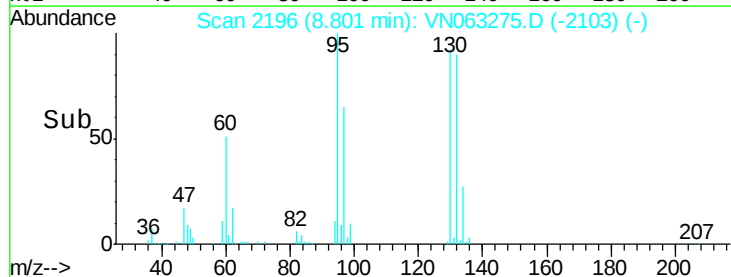
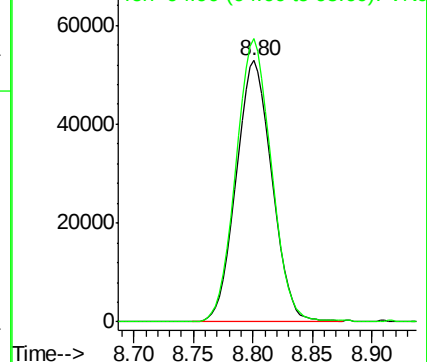


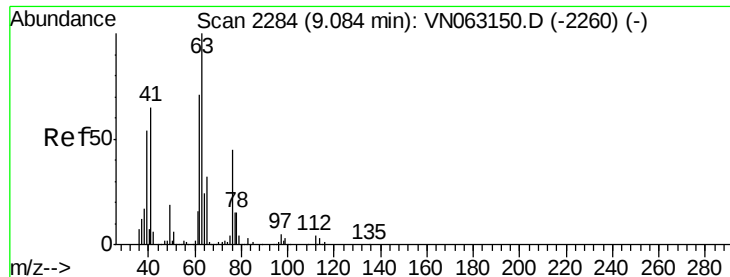
#44
Trichloroethene
Concen: 22.009 ug/l
RT: 8.80 min Scan# 2196
Delta R.T. 0.00 min
Lab File: VN063275.D
Acq: 9 Sep 2020 12:16

Tgt Ion: 130 Resp: 110150
Ion Ratio Lower Upper
130 100
95 108.2 0.0 212.0



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VN0





#45

1,2-Dichloropropane

Concen: 22.407 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. 0.00 min

Lab File: VN063275.D

Acq: 9 Sep 2020 12:16

Instrument :

MSVOA_N

ClientSampleId :

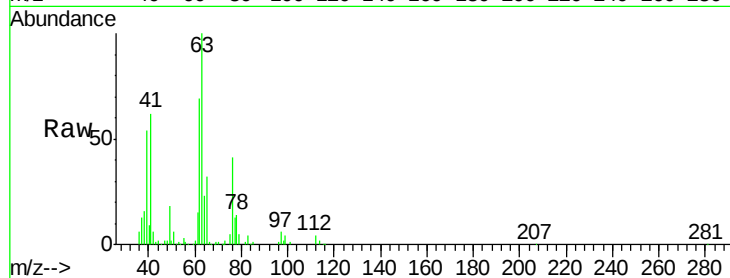
VN0909MBS01

Tgt Ion: 63 Resp: 122410

Ion Ratio Lower Upper

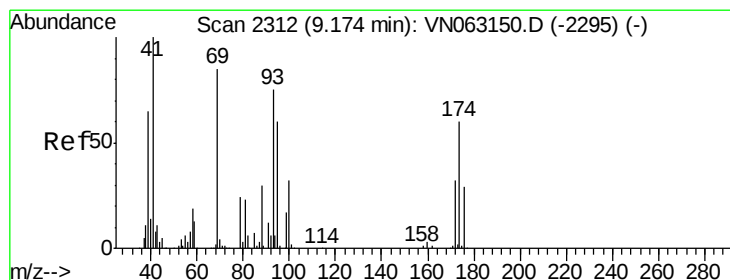
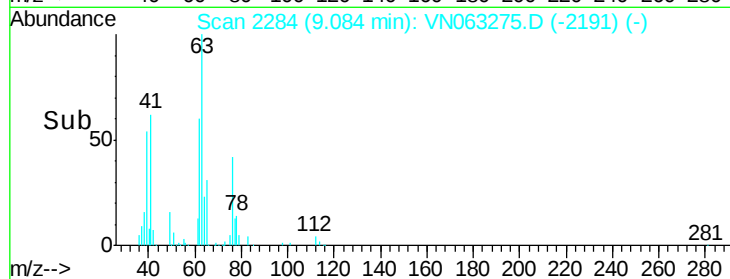
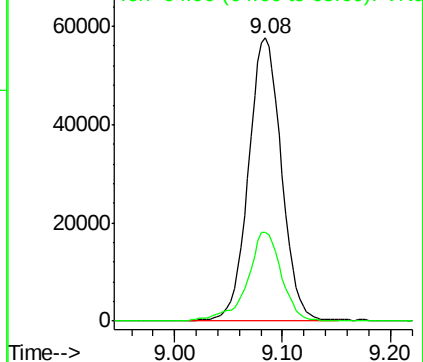
63 100

65 31.6 25.4 38.0



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 21.239 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN063275.D

Acq: 9 Sep 2020 12:16

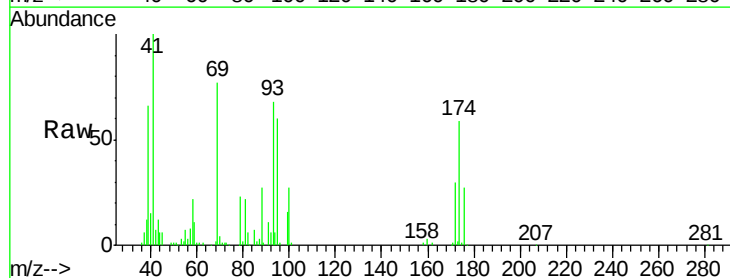
Tgt Ion: 93 Resp: 76893

Ion Ratio Lower Upper

93 100

95 85.1 65.2 97.8

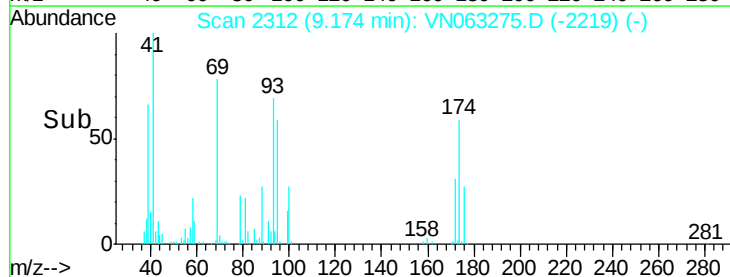
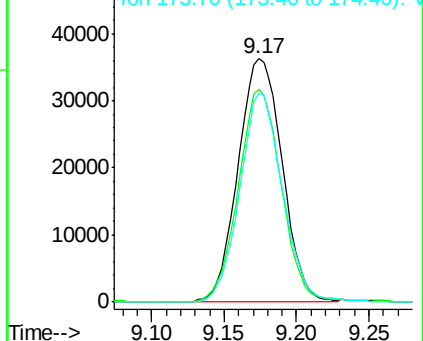
174 83.0 64.6 97.0

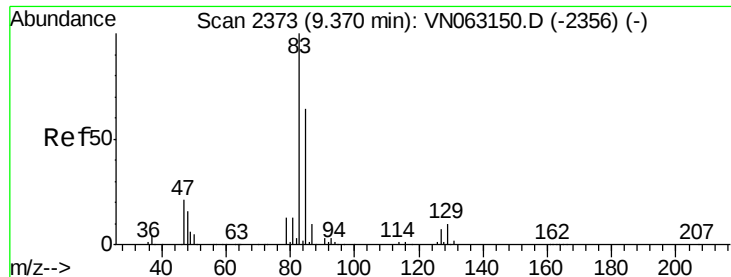


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

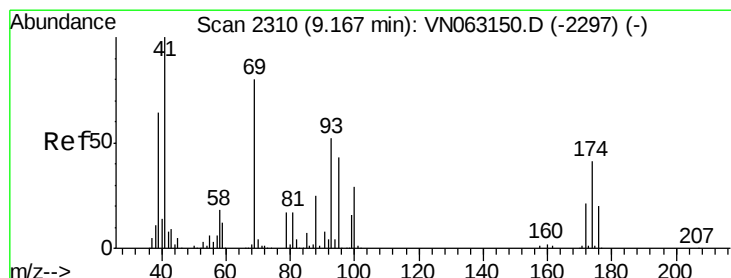
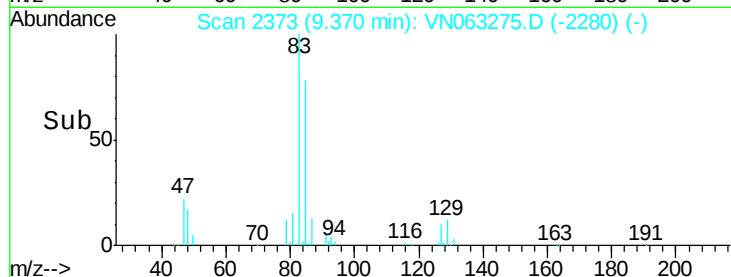
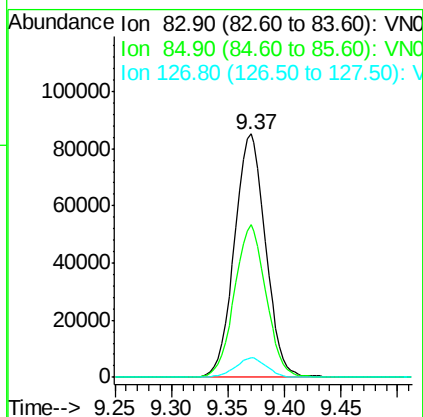
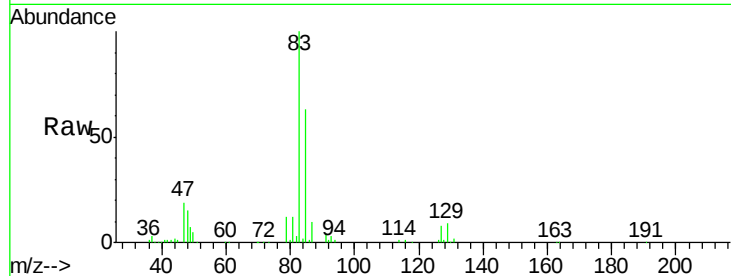




#47
 Bromodichloromethane
 Concen: 21.059 ug/l
 RT: 9.37 min Scan# 2373
 Delta R.T. 0.00 min
 Lab File: VN063275.D
 Acq: 9 Sep 2020 12:16

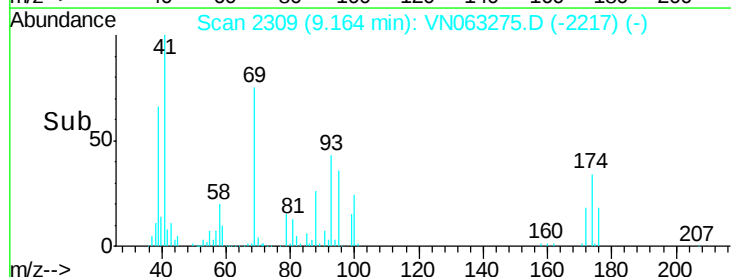
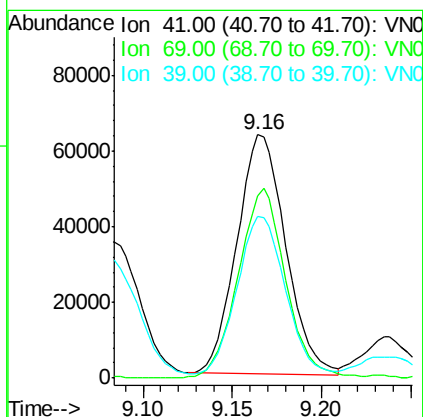
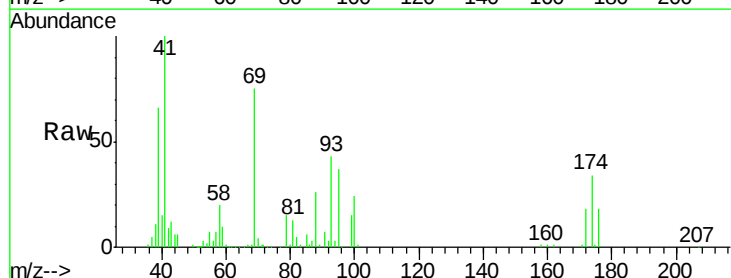
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0909MBS01

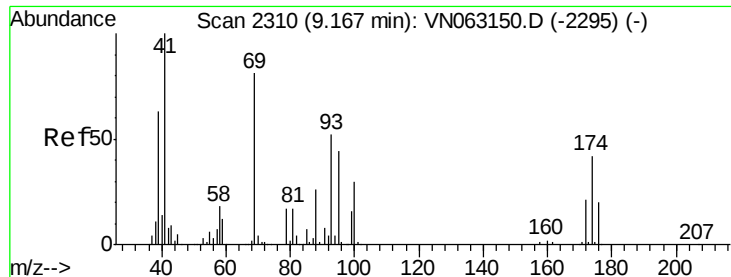
Tgt Ion: 83 Resp: 163414
 Ion Ratio Lower Upper
 83 100
 85 62.5 51.0 76.6
 127 8.2 5.7 8.5



#48
 Methyl methacrylate
 Concen: 23.436 ug/l
 RT: 9.16 min Scan# 2309
 Delta R.T. -0.00 min
 Lab File: VN063275.D
 Acq: 9 Sep 2020 12:16

Tgt Ion: 41 Resp: 120976
 Ion Ratio Lower Upper
 41 100
 69 77.2 65.9 98.9
 39 67.2 52.0 78.0

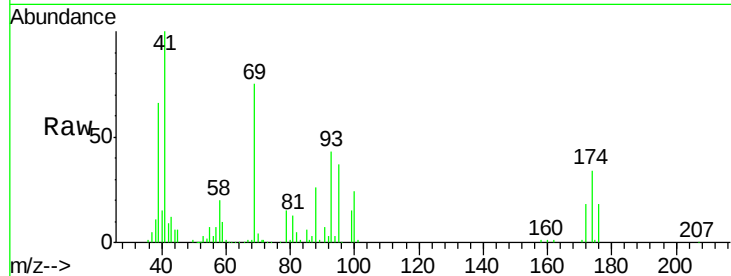




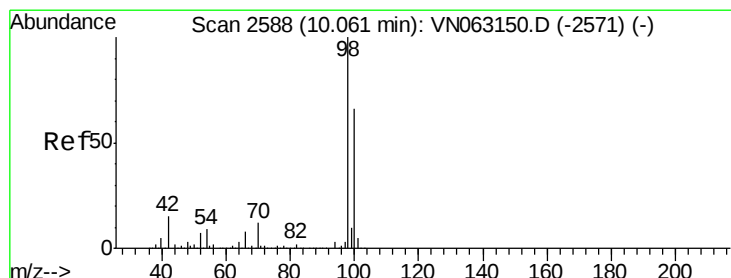
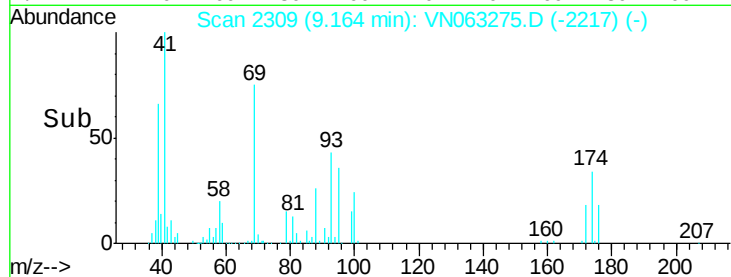
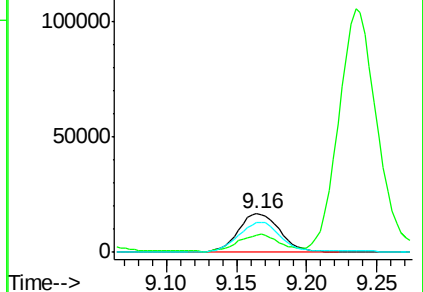
#49
 1,4-Dioxane
 Concen: 441.084 ug/l
 RT: 9.16 min Scan# 2309
 Delta R.T. -0.00 min
 Lab File: VN063275.D
 Acq: 9 Sep 2020 12:16

Instrument :
 MSVOA_N
 ClientSampled :
 VN0909MBS01

Tgt Ion: 88 Resp: 35217
 Ion Ratio Lower Upper
 88 100
 43 42.2 28.6 42.8
 58 78.7 53.2 79.8

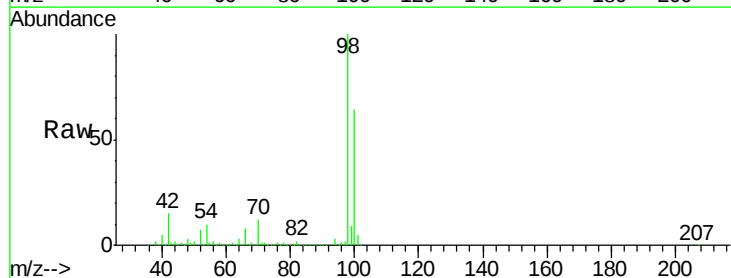


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

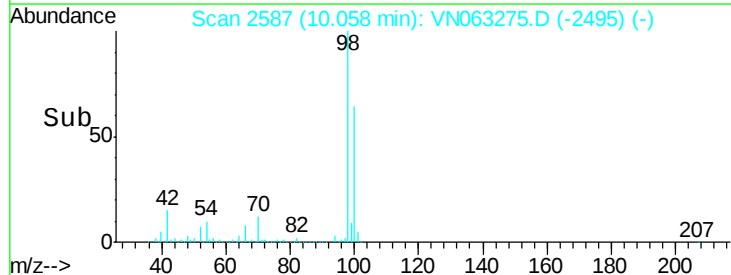
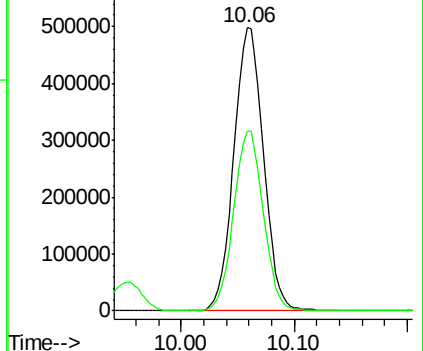


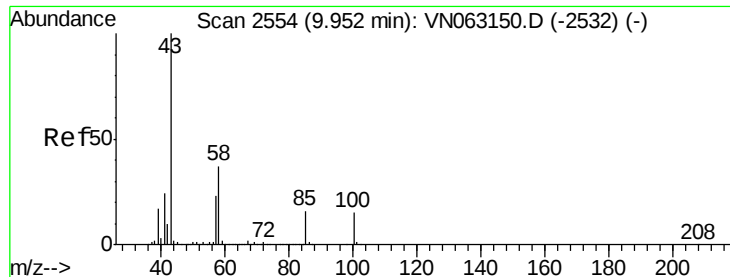
#50
 Toluene-d8
 Concen: 50.528 ug/l
 RT: 10.06 min Scan# 2587
 Delta R.T. -0.00 min
 Lab File: VN063275.D
 Acq: 9 Sep 2020 12:16

Tgt Ion: 98 Resp: 911291
 Ion Ratio Lower Upper
 98 100
 100 63.0 52.0 78.0



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

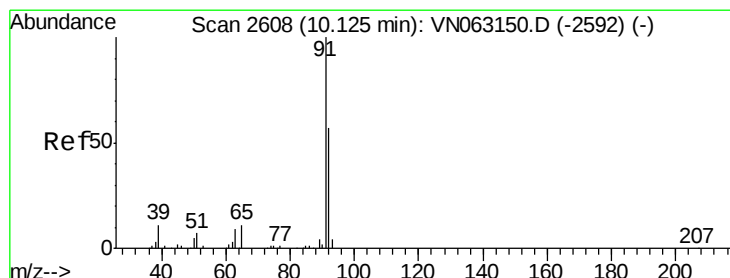
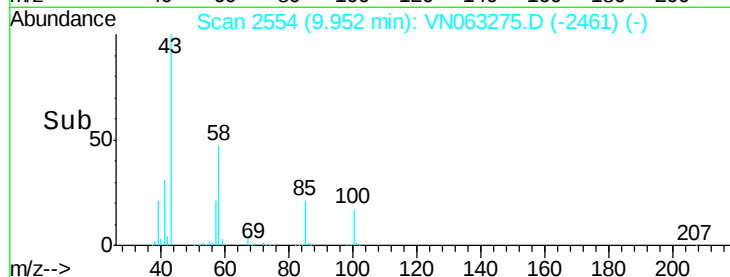
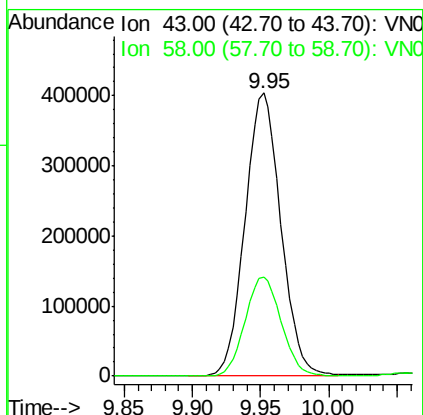
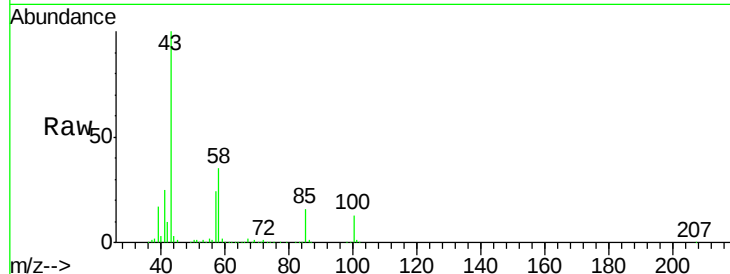




#51
 4-Methyl-2-Pentanone
 Concen: 117.977 ug/l
 RT: 9.95 min Scan# 2554
 Delta R.T. 0.00 min
 Lab File: VN063275.D
 Acq: 9 Sep 2020 12:16

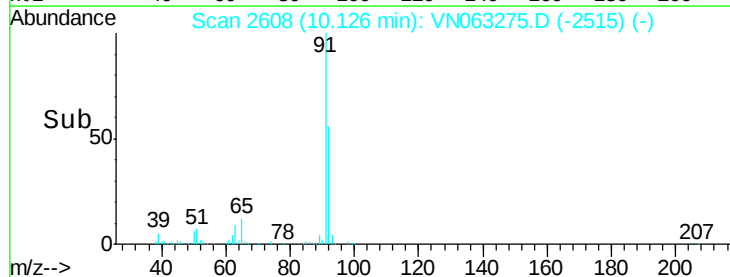
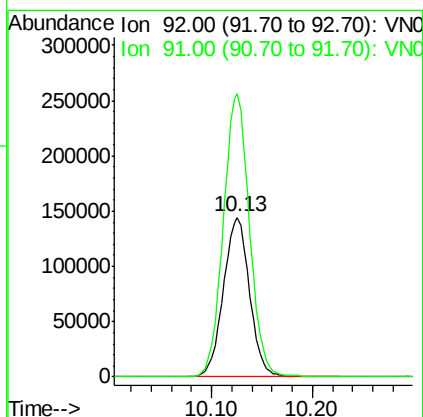
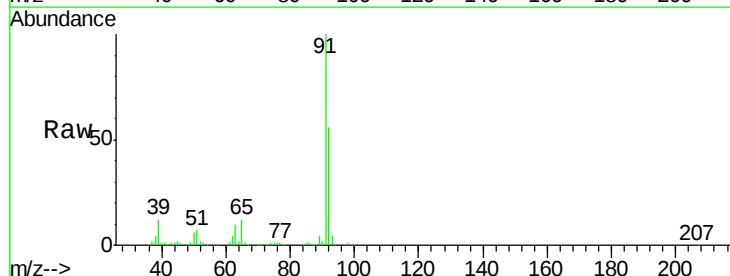
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0909MBS01

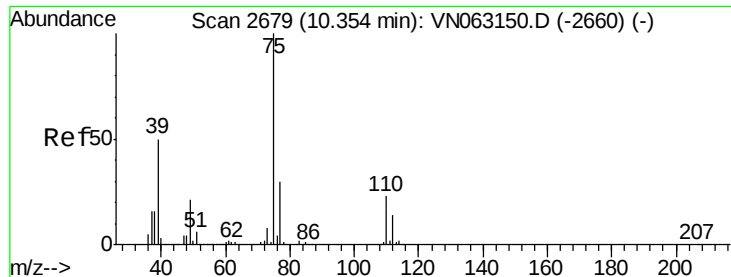
Tgt Ion: 43 Resp: 734109
 Ion Ratio Lower Upper
 43 100
 58 35.6 29.2 43.8



#52
 Toluene
 Concen: 20.359 ug/l
 RT: 10.13 min Scan# 2608
 Delta R.T. 0.00 min
 Lab File: VN063275.D
 Acq: 9 Sep 2020 12:16

Tgt Ion: 92 Resp: 261679
 Ion Ratio Lower Upper
 92 100
 91 177.0 141.2 211.8





#53

t-1,3-Dichloropropene

Concen: 20.684 ug/l

RT: 10.35 min Scan# 2679

Delta R.T. 0.00 min

Lab File: VN063275.D

Acq: 9 Sep 2020 12:16

Instrument :

MSVOA_N

ClientSampled :

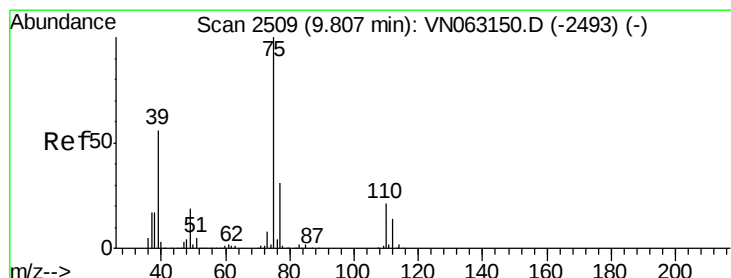
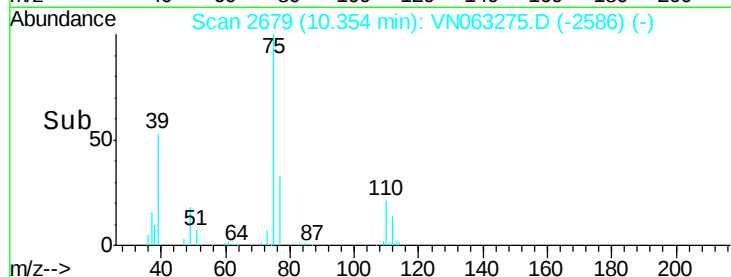
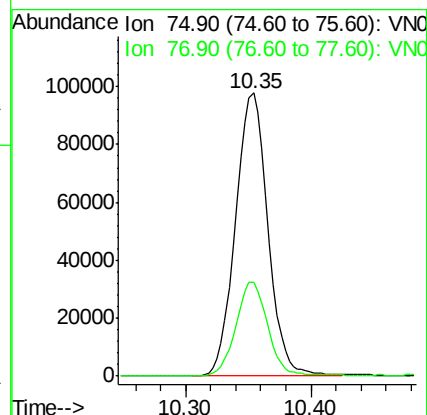
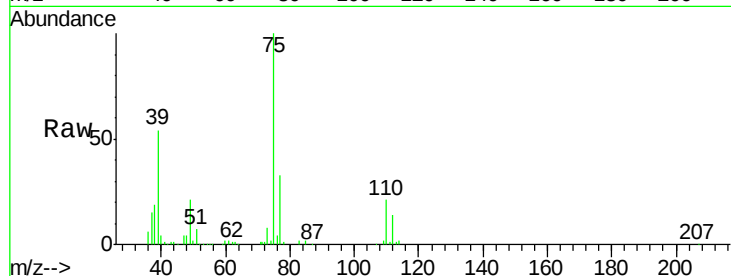
VN0909MBS01

Tgt Ion: 75 Resp: 175571

Ion Ratio Lower Upper

75 100

77 33.1 24.2 36.2



#54

cis-1,3-Dichloropropene

Concen: 21.437 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN063275.D

Acq: 9 Sep 2020 12:16

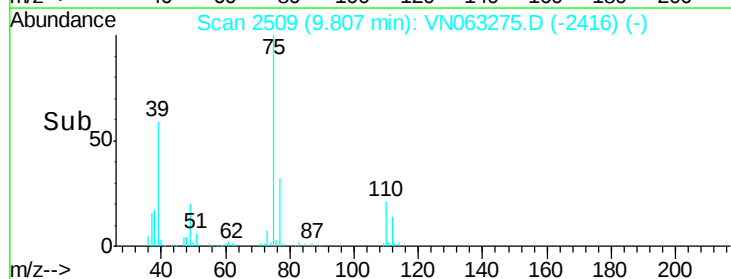
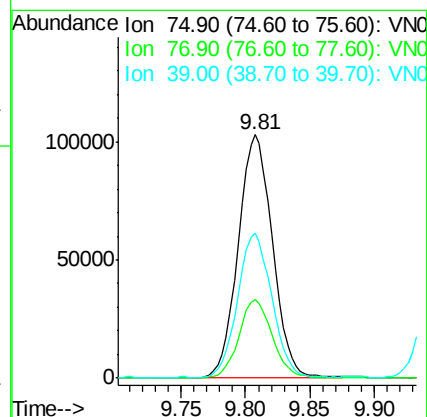
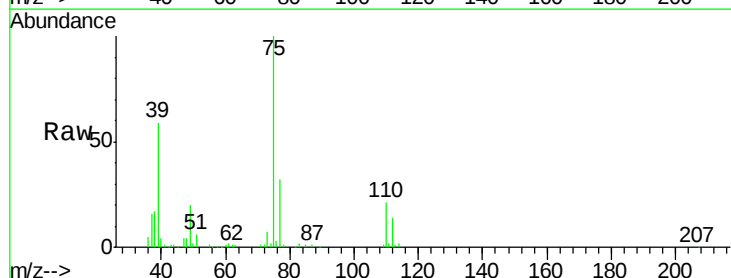
Tgt Ion: 75 Resp: 191000

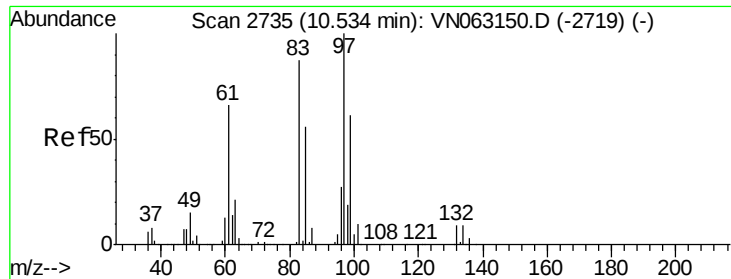
Ion Ratio Lower Upper

75 100

77 32.2 24.8 37.2

39 59.2 45.0 67.6

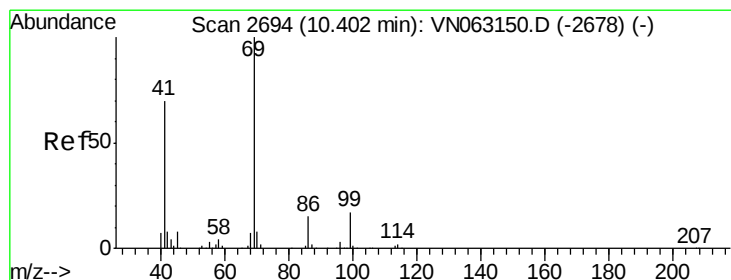
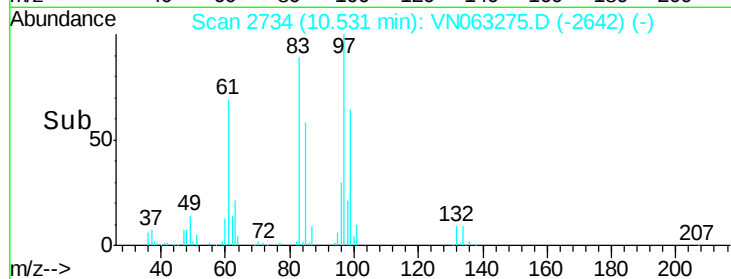
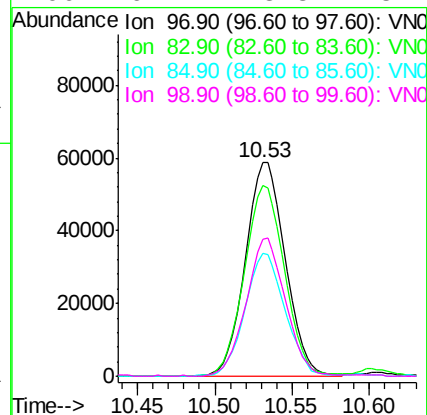
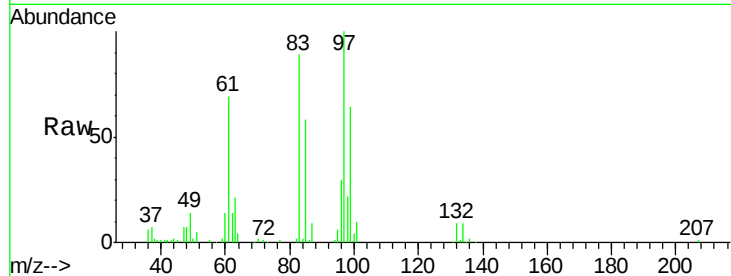




#55
 1,1,2-Trichloroethane
 Concen: 21.479 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN063275.D
 Acq: 9 Sep 2020 12:16

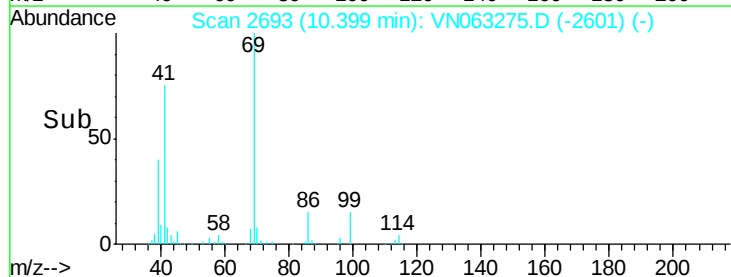
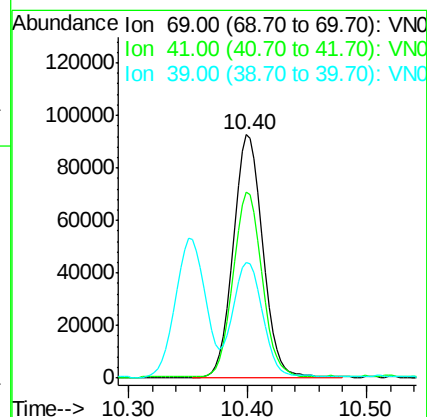
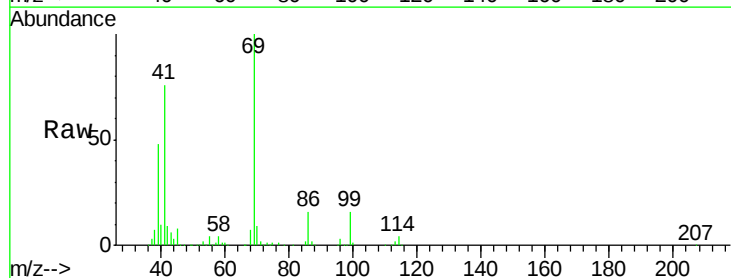
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0909MBS01

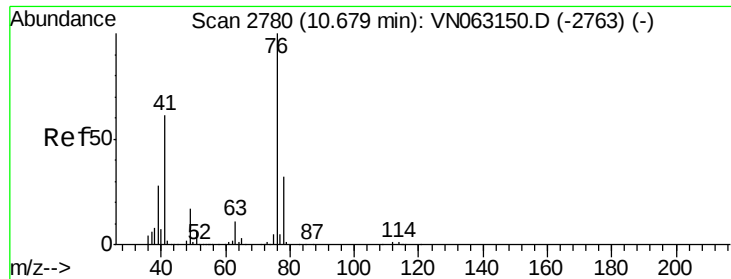
Tgt Ion: 97 Resp: 105726
 Ion Ratio Lower Upper
 97 100
 83 89.3 69.8 104.8
 85 57.4 44.9 67.3
 99 64.4 48.8 73.2



#56
 Ethyl methacrylate
 Concen: 21.447 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. -0.00 min
 Lab File: VN063275.D
 Acq: 9 Sep 2020 12:16

Tgt Ion: 69 Resp: 160665
 Ion Ratio Lower Upper
 69 100
 41 73.8 55.5 83.3
 39 47.7 38.2 57.2

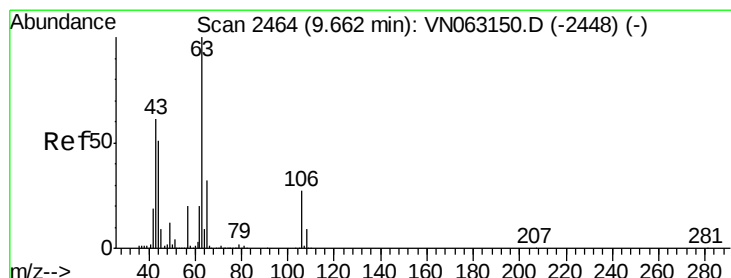
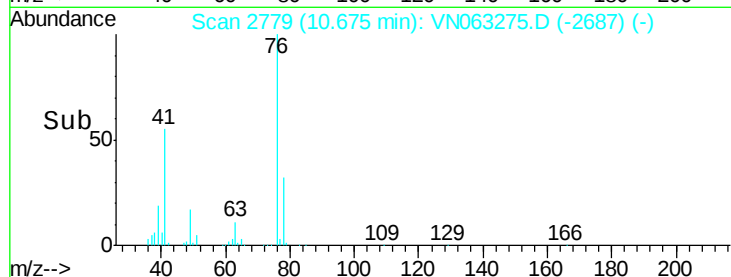
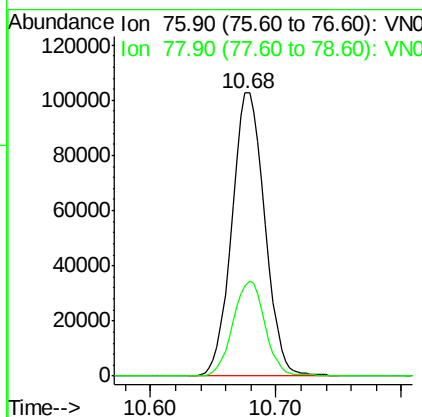
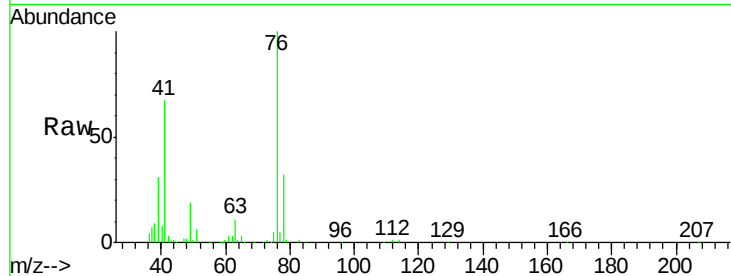




#57
 1,3-Dichloropropane
 Concen: 21.367 ug/l
 RT: 10.68 min Scan# 2779
 Delta R.T. -0.00 min
 Lab File: VN063275.D
 Acq: 9 Sep 2020 12:16

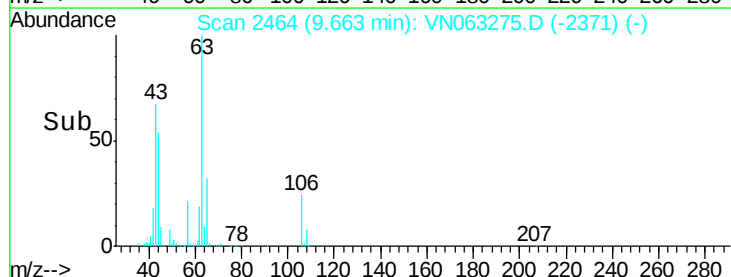
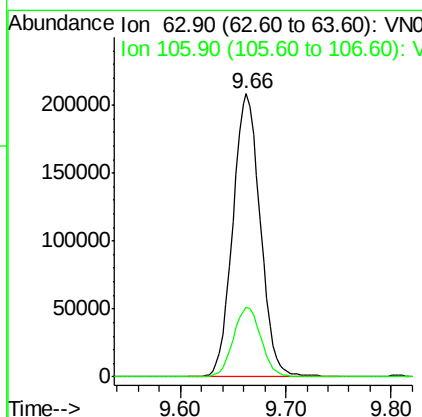
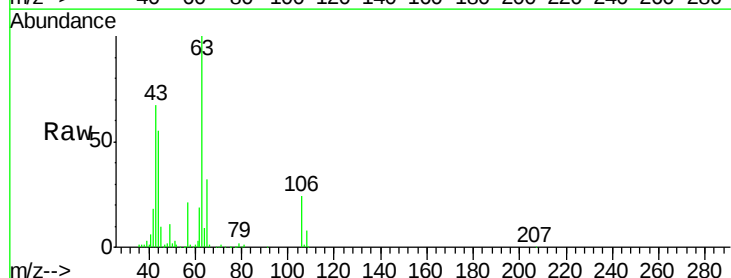
Instrument :
 MSVOA_N
 ClientSampled :
 VN0909MBS01

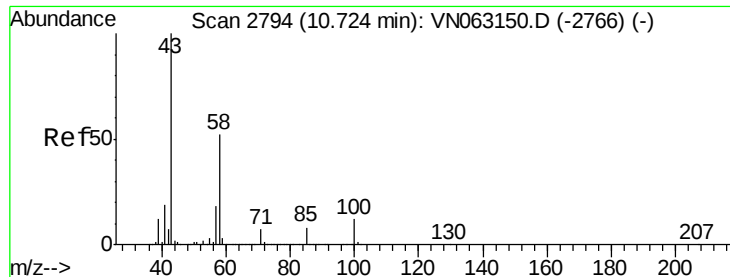
Tgt Ion: 76 Resp: 187371
 Ion Ratio Lower Upper
 76 100
 78 32.9 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 96.727 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN063275.D
 Acq: 9 Sep 2020 12:16

Tgt Ion: 63 Resp: 375223
 Ion Ratio Lower Upper
 63 100
 106 24.9 21.8 32.6

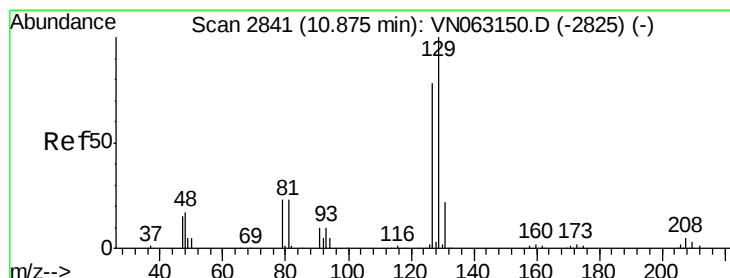
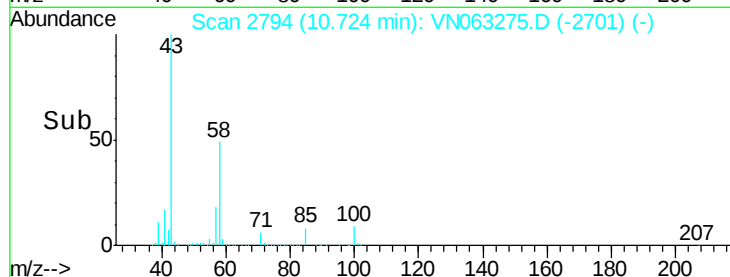
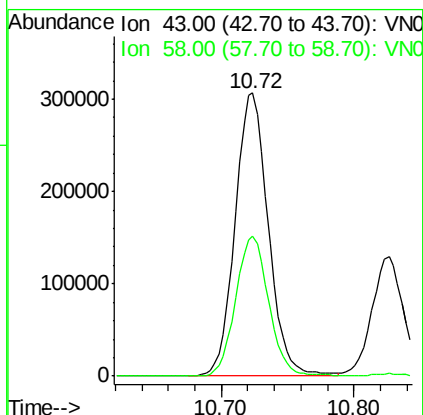
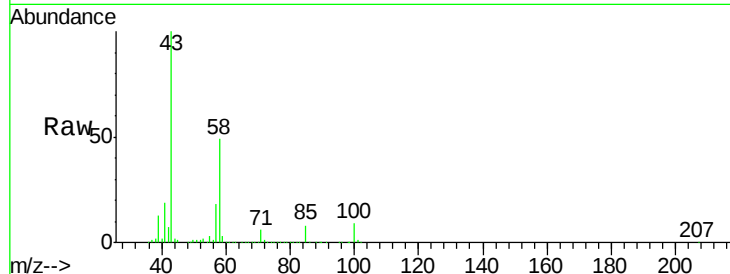




#59
2-Hexanone
Concen: 121.285 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN063275.D
Acq: 9 Sep 2020 12:16

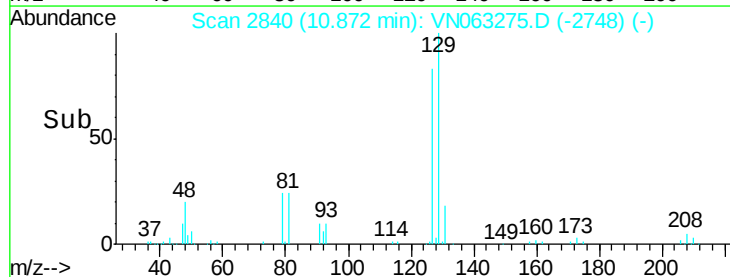
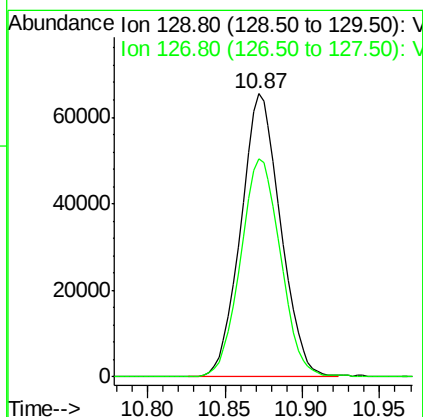
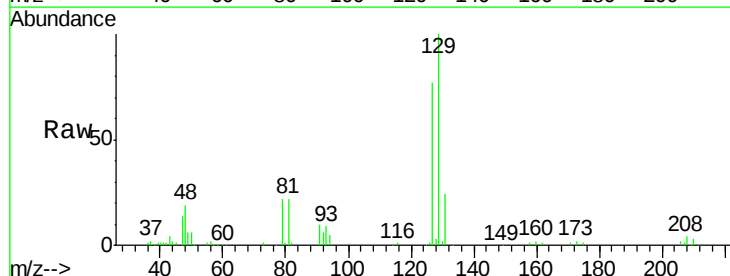
Instrument :
MSVOA_N
ClientSampleId :
VN0909MBS01

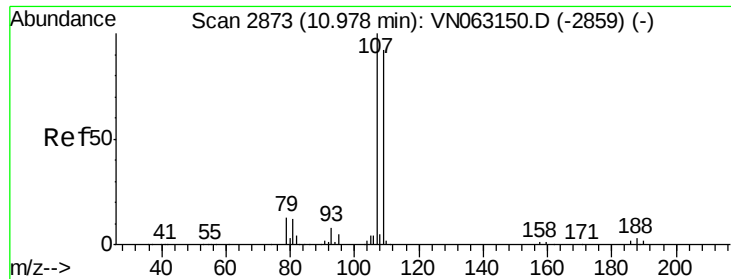
Tgt Ion: 43 Resp: 530387
Ion Ratio Lower Upper
43 100
58 49.6 25.9 77.8



#60
Dibromochloromethane
Concen: 21.500 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN063275.D
Acq: 9 Sep 2020 12:16

Tgt Ion: 129 Resp: 117002
Ion Ratio Lower Upper
129 100
127 77.4 39.0 117.0





#61

1,2-Dibromoethane

Concen: 20.842 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. 0.00 min

Lab File: VN063275.D

Acq: 9 Sep 2020 12:16

Instrument :

MSVOA_N

ClientSampleId :

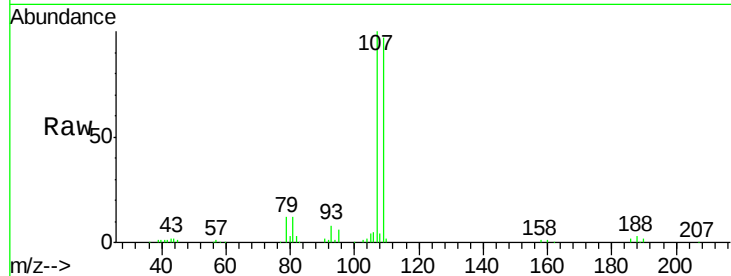
VN0909MBS01

Tgt Ion: 107 Resp: 106648

Ion Ratio Lower Upper

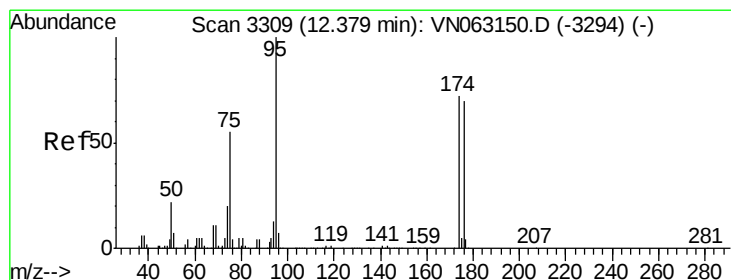
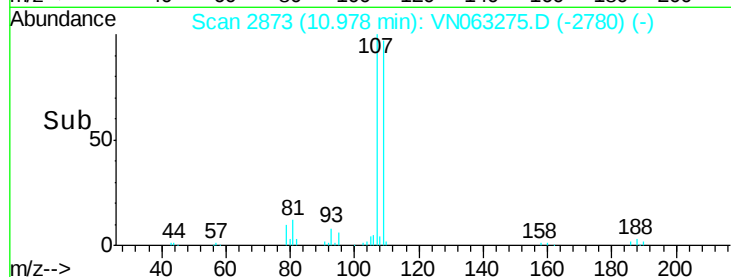
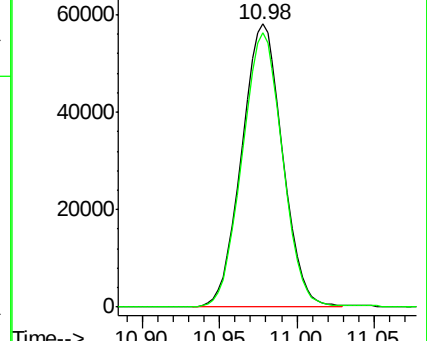
107 100

109 96.3 73.4 110.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 53.072 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063275.D

Acq: 9 Sep 2020 12:16

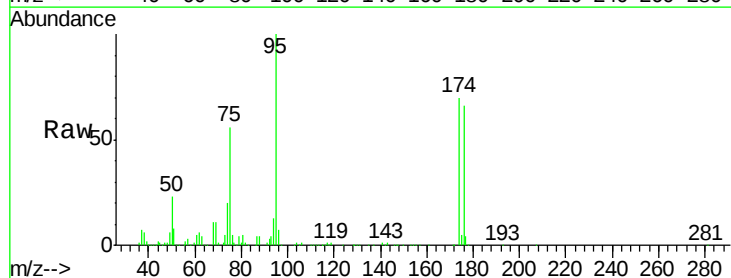
Tgt Ion: 95 Resp: 334820

Ion Ratio Lower Upper

95 100

174 70.2 0.0 143.8

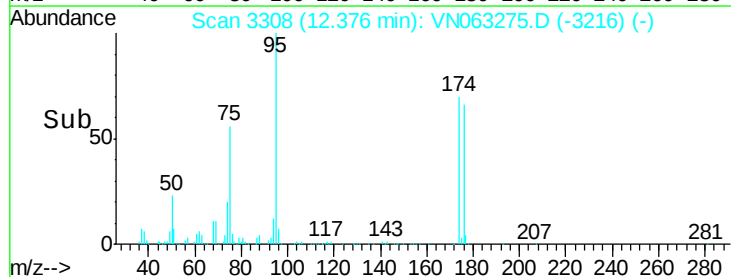
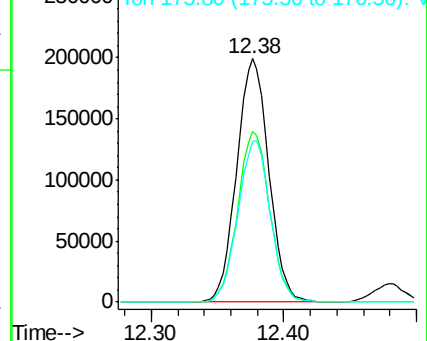
176 67.0 0.0 138.4

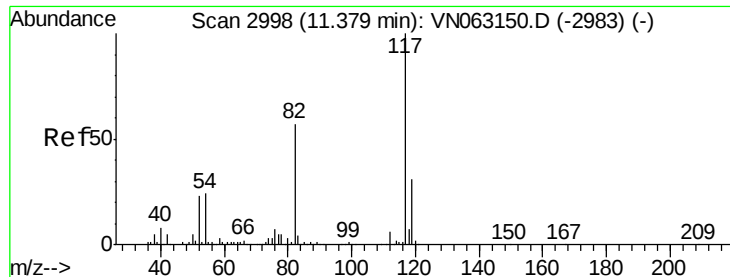


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN063275.D

Acq: 9 Sep 2020 12:16

Instrument :

MSVOA_N

ClientSampleId :

VN0909MBS01

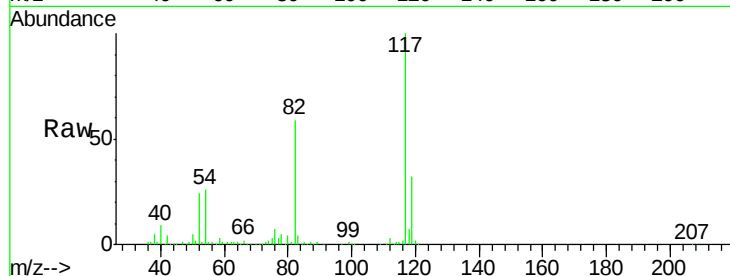
Tgt Ion:117 Resp: 666416

Ion Ratio Lower Upper

117 100

82 58.5 45.4 68.0

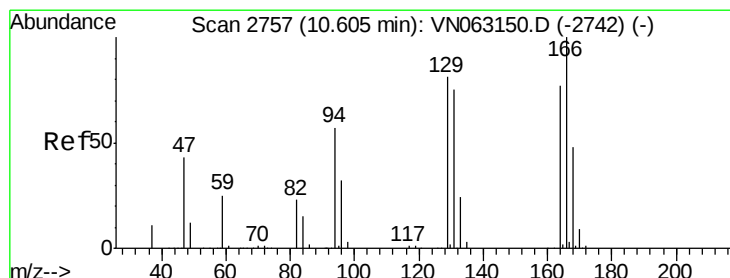
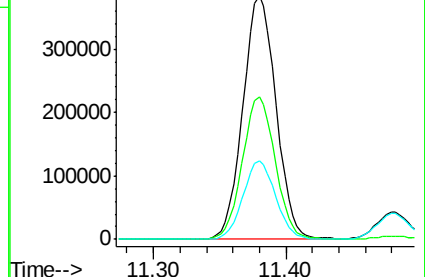
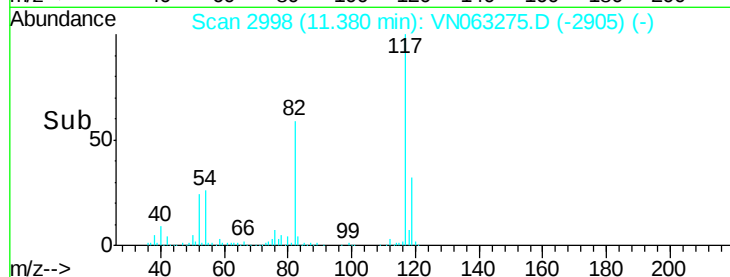
119 32.0 24.6 37.0



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: 22.831 ug/l

RT: 10.60 min Scan# 2756

Delta R.T. -0.00 min

Lab File: VN063275.D

Acq: 9 Sep 2020 12:16

Tgt Ion:164 Resp: 109257

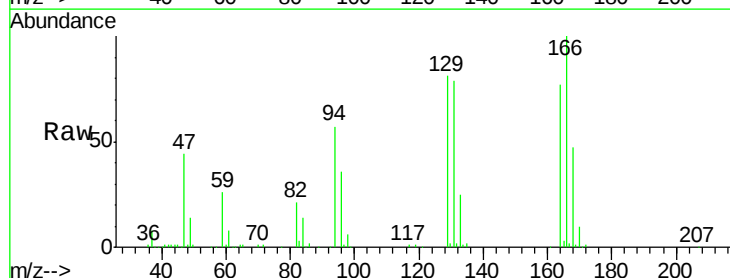
Ion Ratio Lower Upper

164 100

166 129.6 103.4 155.2

129 105.5 83.4 125.0

131 102.5 77.8 116.8

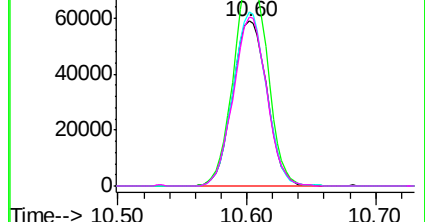
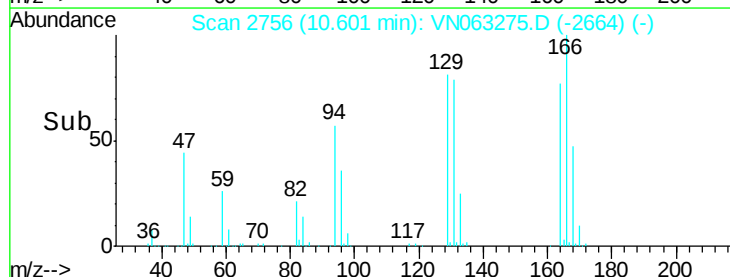


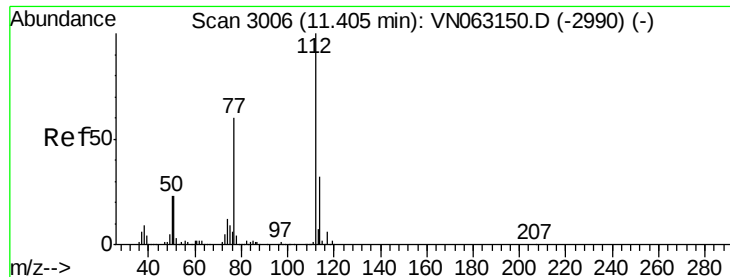
Abundance Ion 163.80 (163.50 to 164.50): V

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: 20.694 ug/l

RT: 11.41 min Scan# 3006

Delta R.T. 0.00 min

Lab File: VN063275.D

Acq: 9 Sep 2020 12:16

Instrument :

MSVOA_N

ClientSampleId :

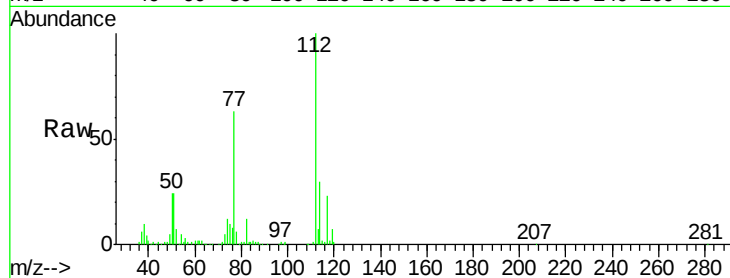
VN0909MBS01

Tgt Ion:112 Resp: 277765

Ion Ratio Lower Upper

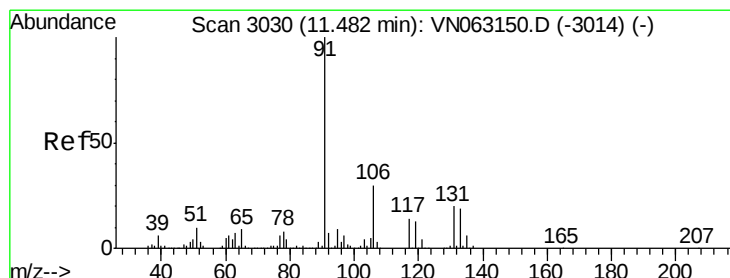
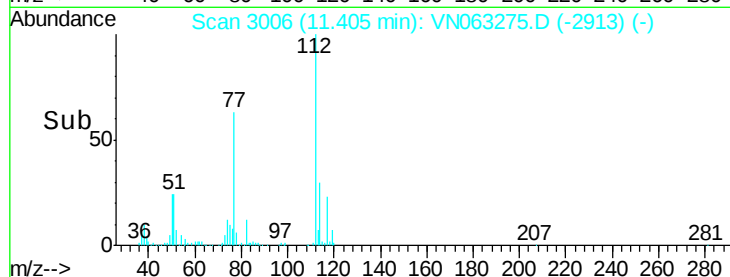
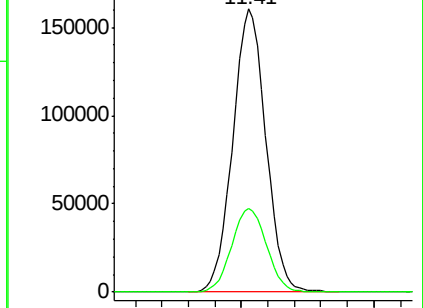
112 100

114 29.8 25.2 37.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 21.092 ug/l

RT: 11.48 min Scan# 3029

Delta R.T. -0.00 min

Lab File: VN063275.D

Acq: 9 Sep 2020 12:16

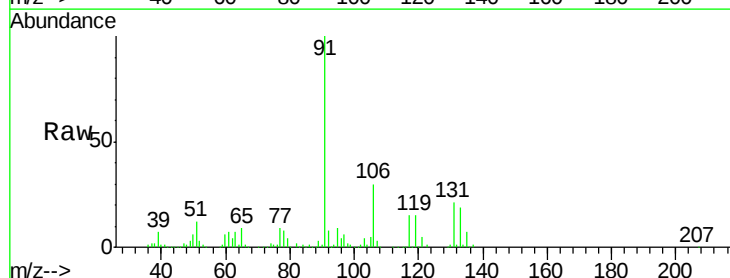
Tgt Ion:131 Resp: 105111

Ion Ratio Lower Upper

131 100

133 93.0 47.3 142.0

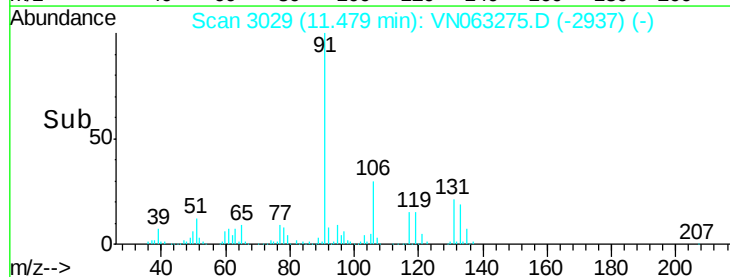
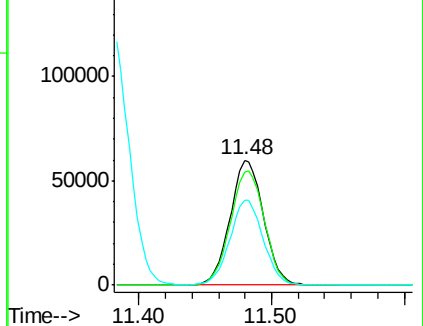
119 68.0 32.4 97.0

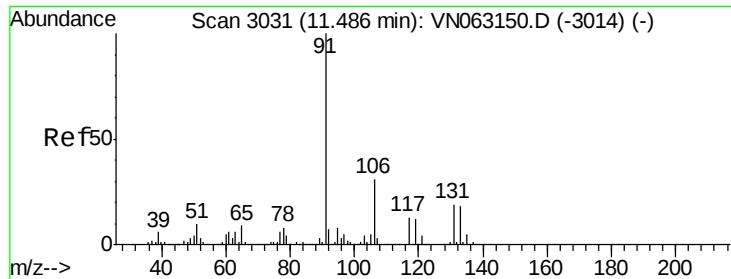


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 21.077 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. -0.00 min

Lab File: VN063275.D

Acq: 9 Sep 2020 12:16

Instrument :

MSVOA_N

ClientSampleId :

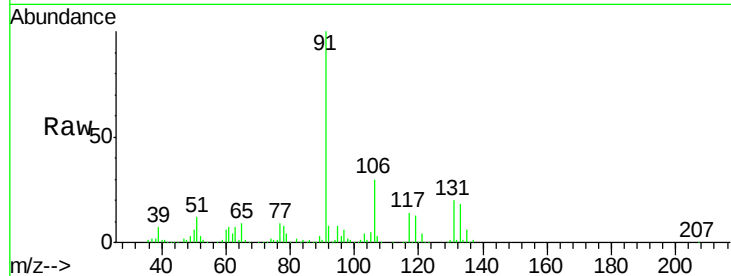
VN0909MBS01

Tgt Ion: 91 Resp: 516100

Ion Ratio Lower Upper

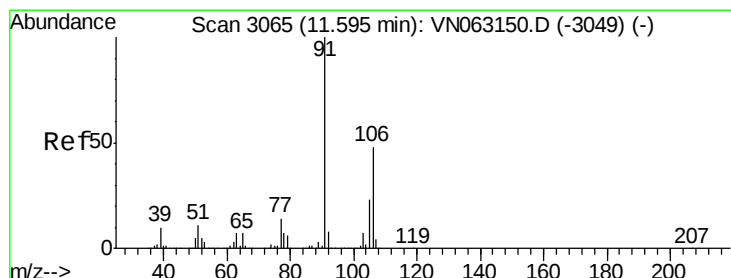
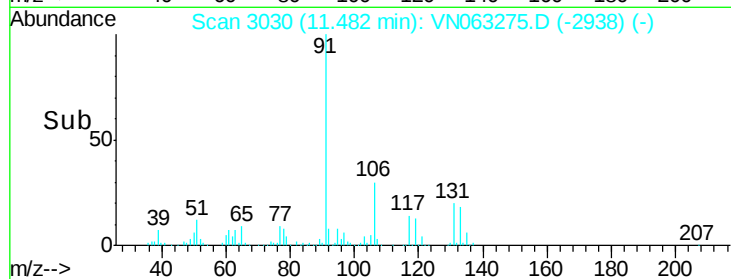
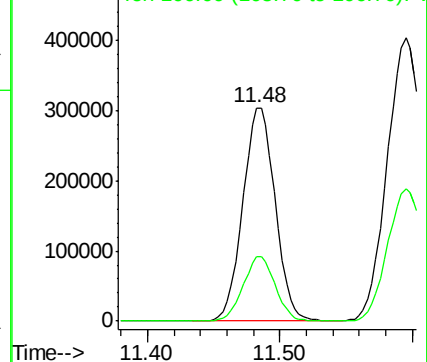
91 100

106 30.0 24.4 36.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 40.830 ug/l

RT: 11.60 min Scan# 3065

Delta R.T. 0.00 min

Lab File: VN063275.D

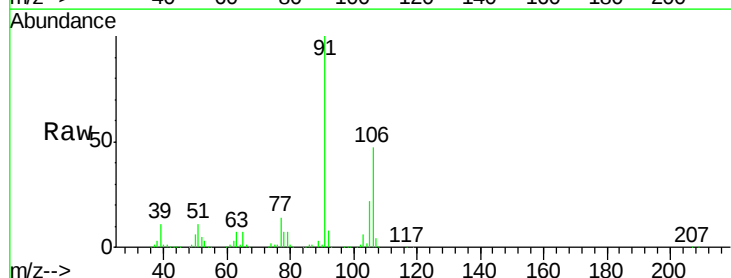
Acq: 9 Sep 2020 12:16

Tgt Ion: 106 Resp: 370285

Ion Ratio Lower Upper

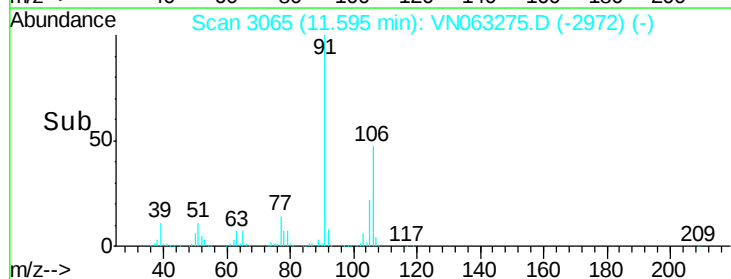
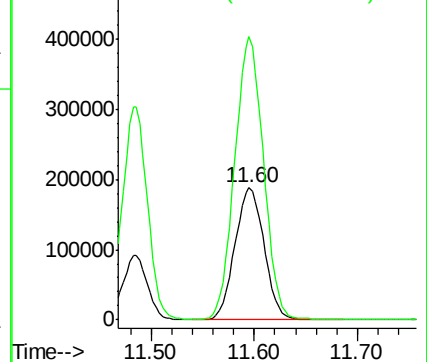
106 100

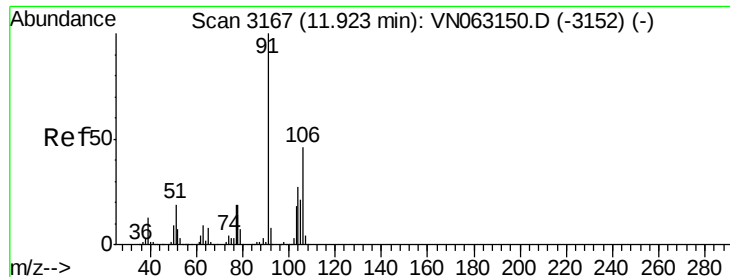
91 212.0 166.7 250.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0

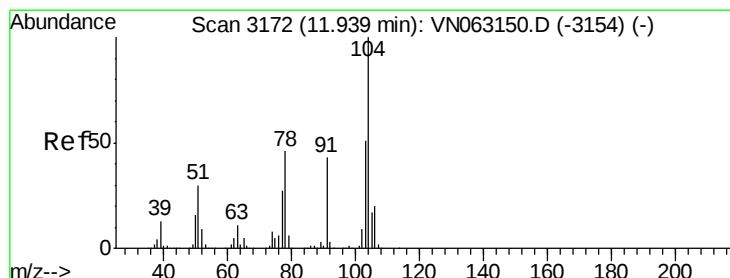
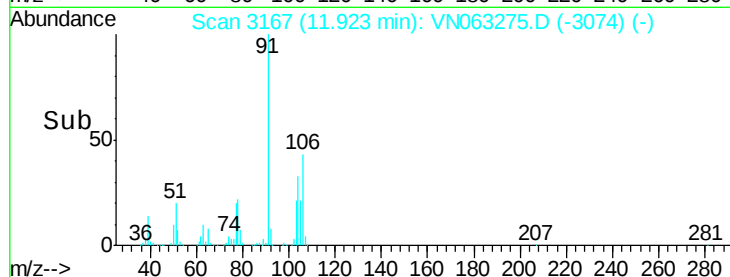
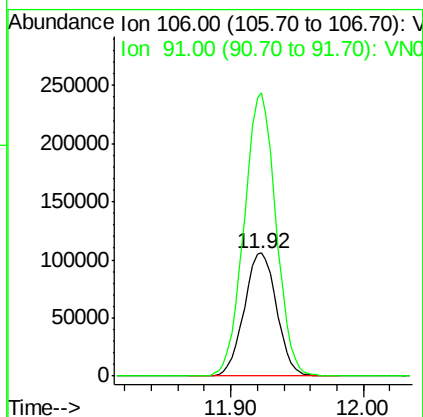
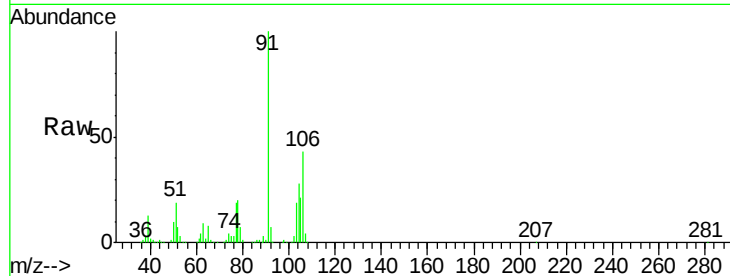




#69
o-Xylene
Concen: 20.597 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063275.D
Acq: 9 Sep 2020 12:16

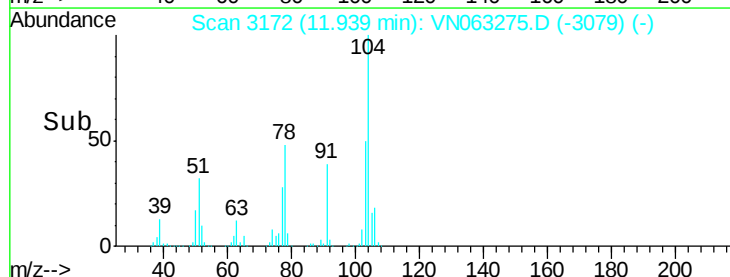
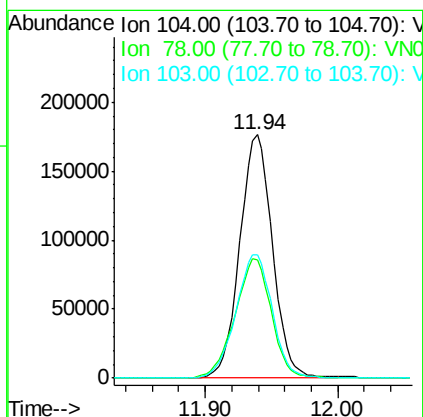
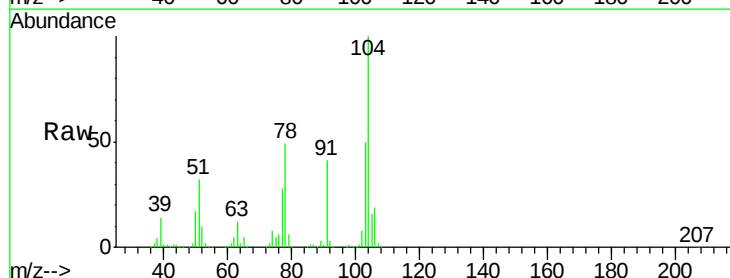
Instrument :
MSVOA_N
ClientSampled :
VN0909MBS01

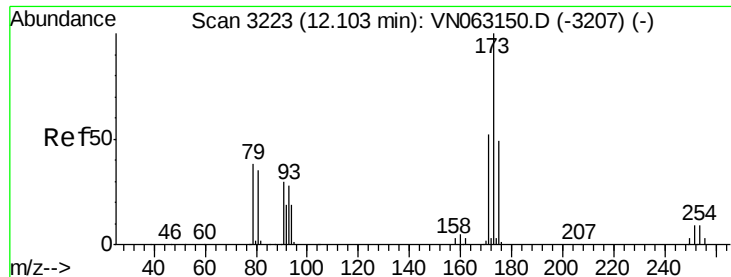
Tgt Ion:106 Resp: 180448
Ion Ratio Lower Upper
106 100
91 224.7 108.6 325.6



#70
Styrene
Concen: 20.128 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN063275.D
Acq: 9 Sep 2020 12:16

Tgt Ion:104 Resp: 303054
Ion Ratio Lower Upper
104 100
78 54.4 41.0 61.6
103 56.3 43.8 65.8





#71

Bromoform

Concen: 20.768 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. -0.00 min

Lab File: VN063275.D

Acq: 9 Sep 2020 12:16

Instrument :

MSVOA_N

ClientSampled :

VN0909MBS01

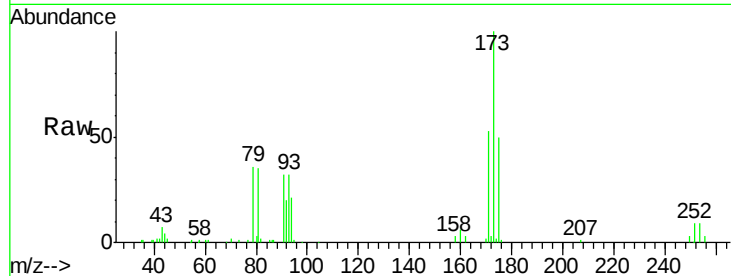
Tgt Ion:173 Resp: 70237

Ion Ratio Lower Upper

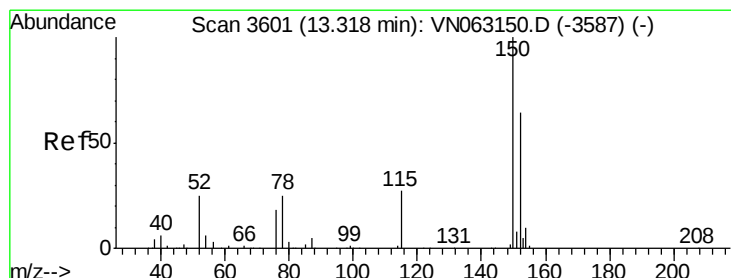
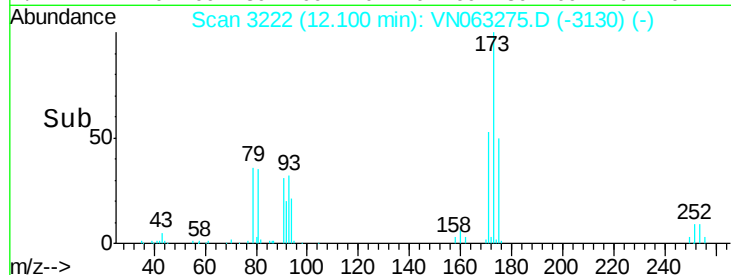
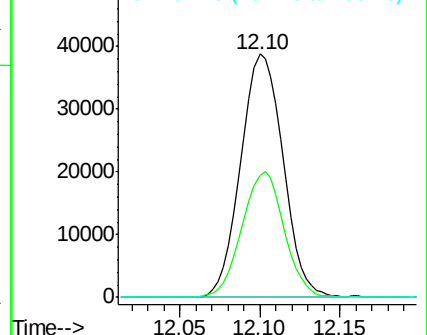
173 100

175 51.3 24.6 73.8

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN063275.D

Acq: 9 Sep 2020 12:16

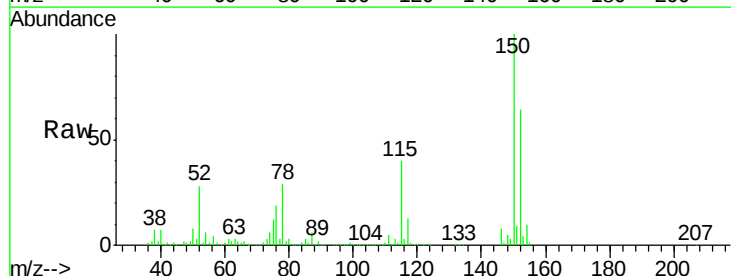
Tgt Ion:152 Resp: 304208

Ion Ratio Lower Upper

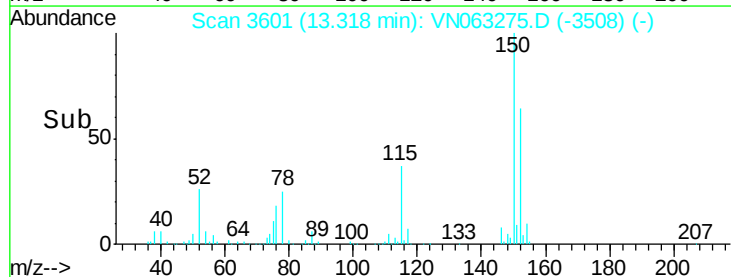
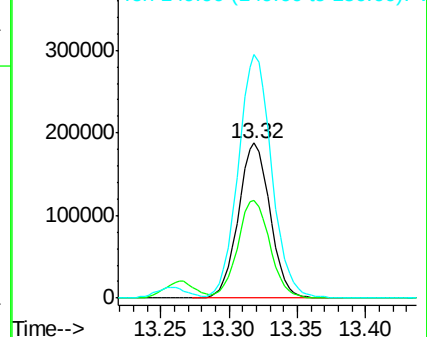
152 100

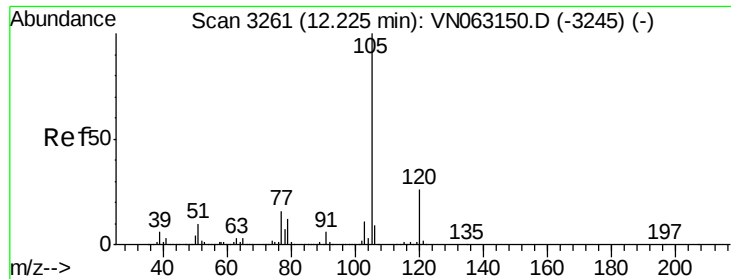
115 63.2 32.0 96.2

150 163.8 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: 20.701 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN063275.D

Acq: 9 Sep 2020 12:16

Instrument :

MSVOA_N

ClientSampleId :

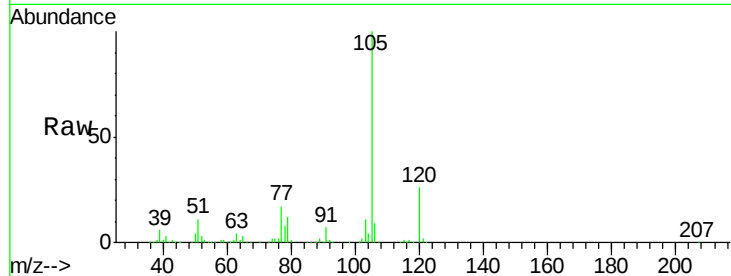
VN0909MBS01

Tgt Ion: 105 Resp: 482995

Ion Ratio Lower Upper

105 100

120 25.9 12.9 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.23

300000

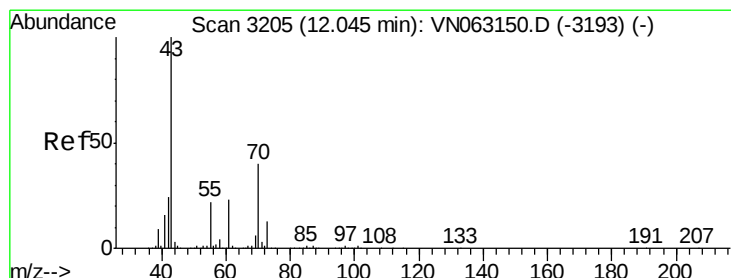
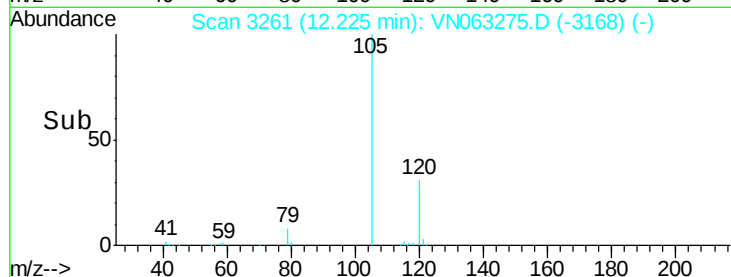
200000

100000

0

Time-->

12.15 12.20 12.25 12.30



#74

N-ethyl acetate

Concen: 21.222 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN063275.D

Acq: 9 Sep 2020 12:16

Tgt Ion: 43 Resp: 205103

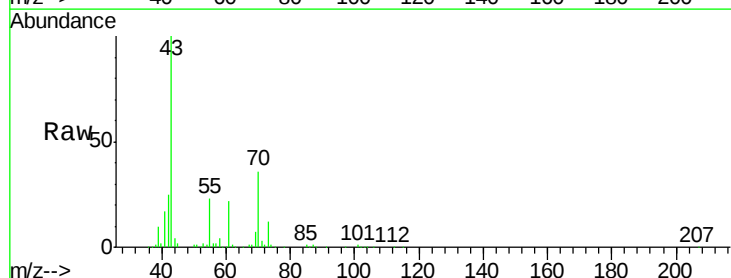
Ion Ratio Lower Upper

43 100

70 36.3 32.1 48.1

55 22.8 17.4 26.0

61 21.7 18.6 27.8



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

12.05

200000

150000

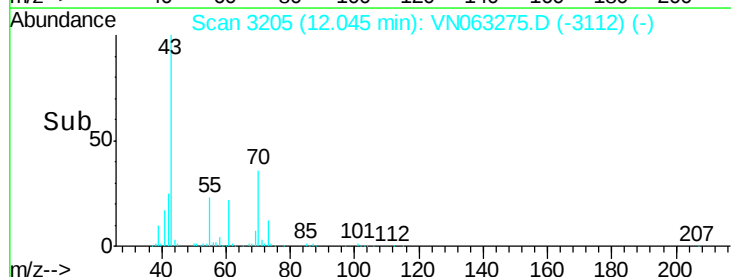
100000

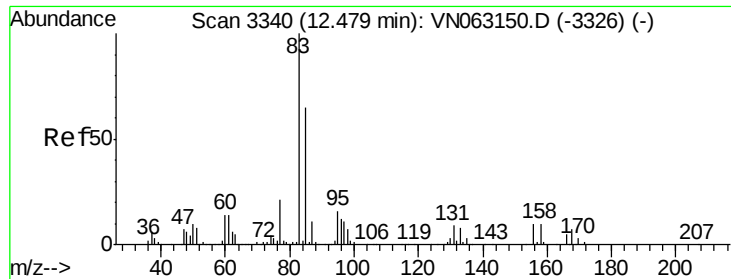
50000

0

Time-->

12.00 12.10





#75

1,1,2,2-Tetrachloroethane

Concen: 20.927 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN063275.D

Acq: 9 Sep 2020 12:16

Instrument :

MSVOA_N

ClientSampled :

VN0909MBS01

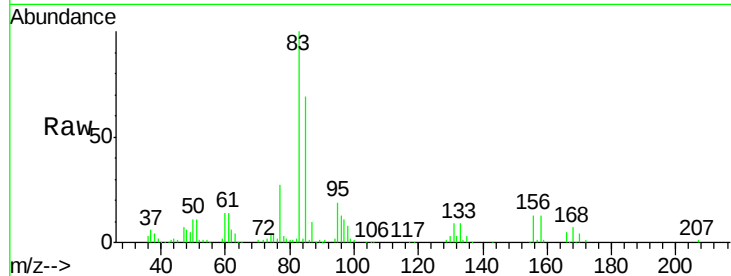
Tgt Ion: 83 Resp: 140770

Ion Ratio Lower Upper

83 100

131 9.6 4.7 14.0

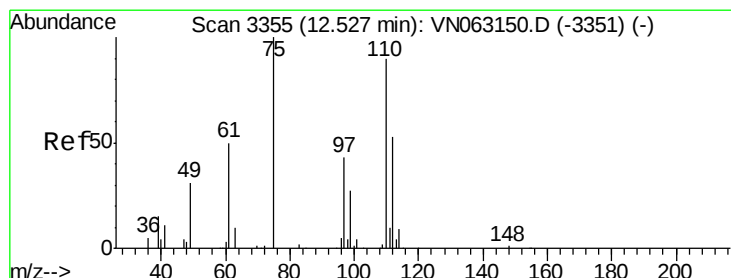
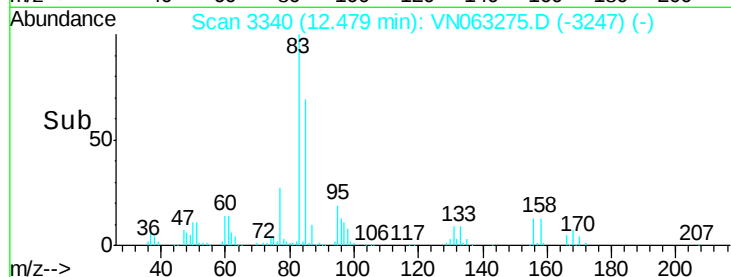
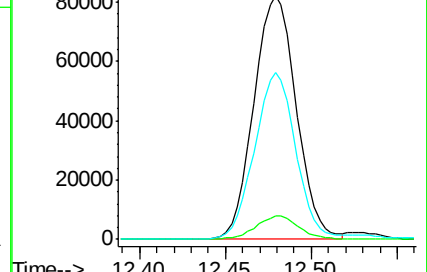
85 66.4 32.7 98.1



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: 32.705 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN063275.D

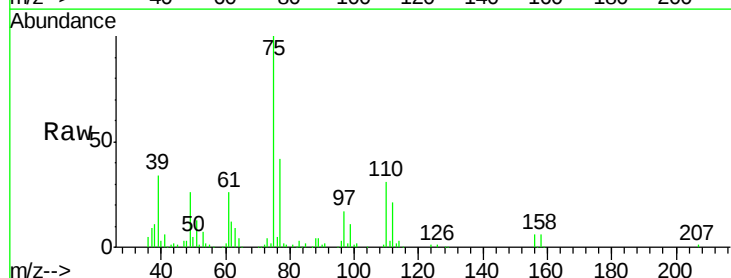
Acq: 9 Sep 2020 12:16

Tgt Ion: 75 Resp: 195477

Ion Ratio Lower Upper

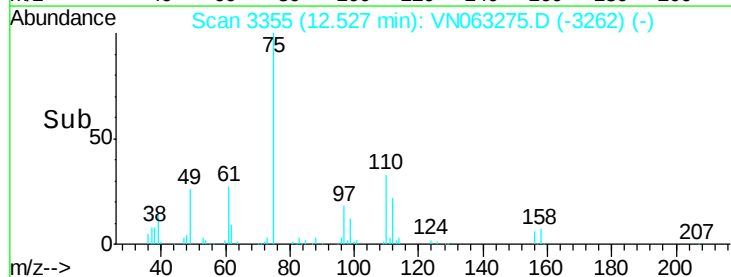
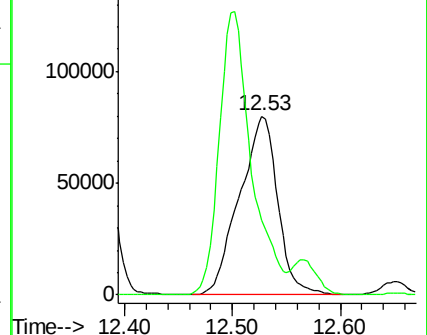
75 100

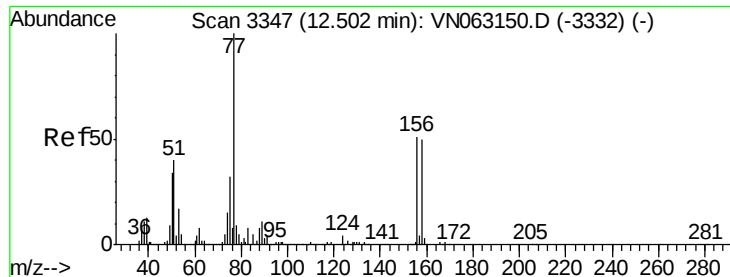
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 20.857 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. 0.00 min

Lab File: VN063275.D

Acq: 9 Sep 2020 12:16

Instrument :

MSVOA_N

ClientSampleId :

VN0909MBS01

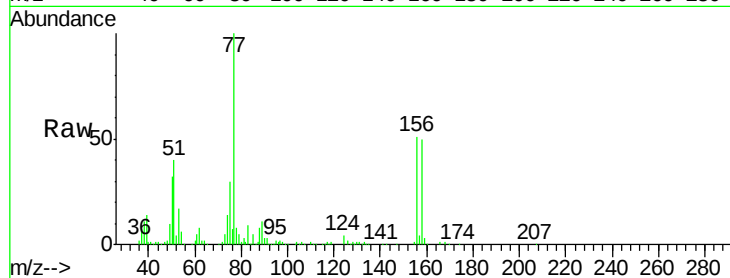
Tgt Ion:156 Resp: 110058

Ion Ratio Lower Upper

156 100

77 239.5 116.1 348.3

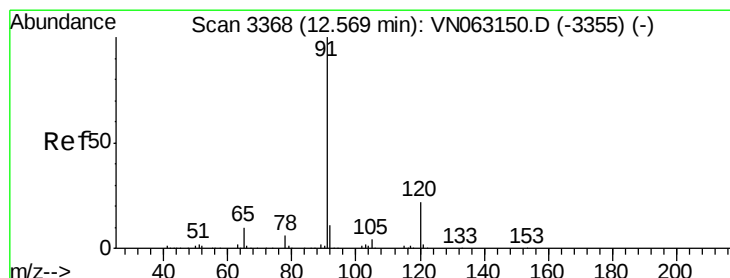
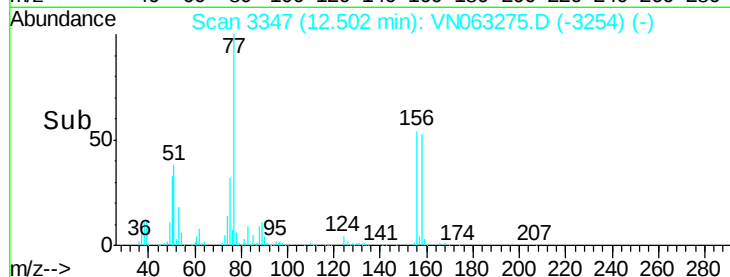
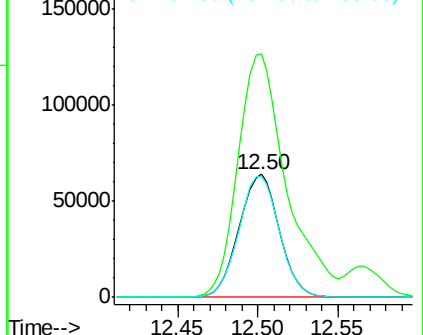
158 99.2 48.8 146.4



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: 20.938 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063275.D

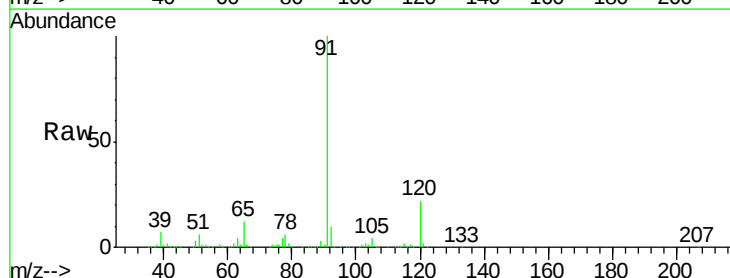
Acq: 9 Sep 2020 12:16

Tgt Ion: 91 Resp: 565304

Ion Ratio Lower Upper

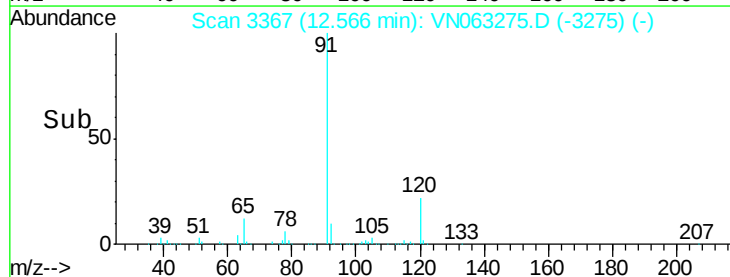
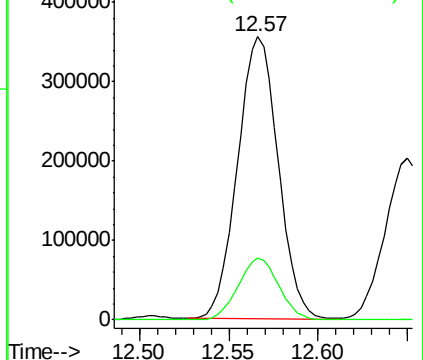
91 100

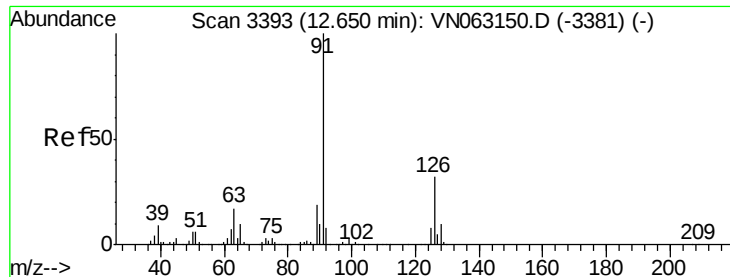
120 22.0 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.958 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN063275.D

Acq: 9 Sep 2020 12:16

Instrument :

MSVOA_N

ClientSampled :

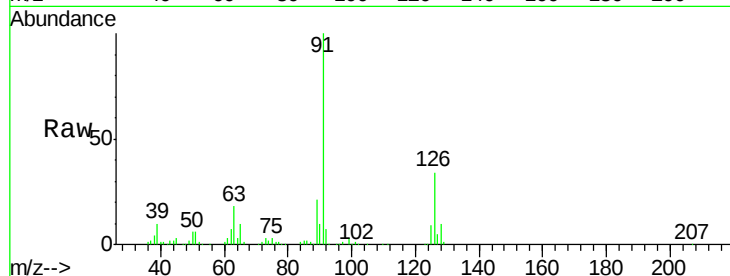
VN0909MBS01

Tgt Ion: 91 Resp: 338921

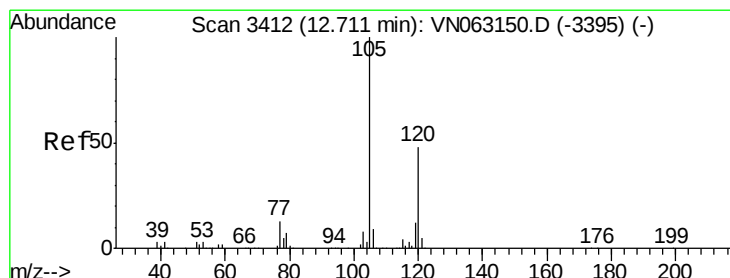
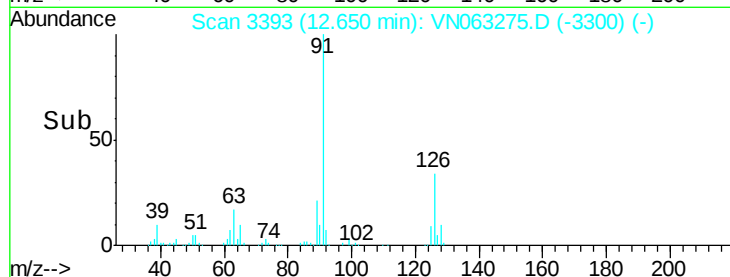
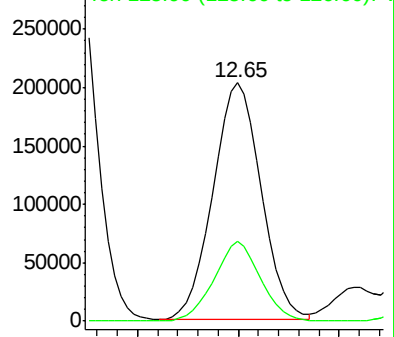
Ion Ratio Lower Upper

91 100

126 32.5 16.1 48.3



Abundance Ion 91.00 (90.70 to 91.70): VN063150.D (-3381) (-)



#80

1,3,5-Trimethylbenzene

Concen: 21.313 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN063275.D

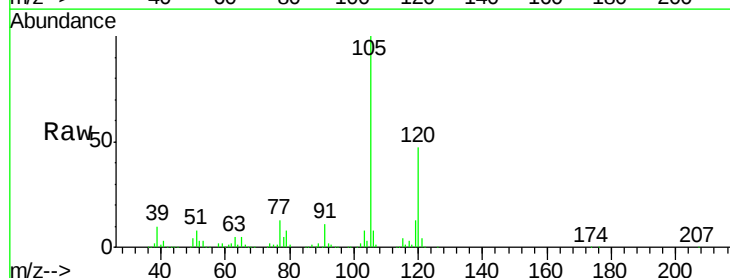
Acq: 9 Sep 2020 12:16

Tgt Ion: 105 Resp: 413911

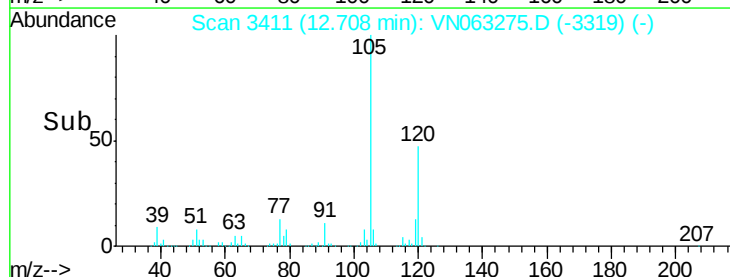
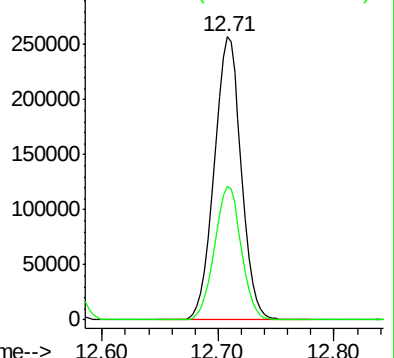
Ion Ratio Lower Upper

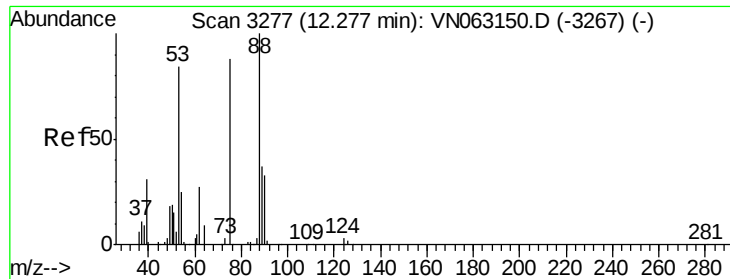
105 100

120 47.2 24.2 72.6



Abundance Ion 105.00 (104.70 to 105.70): VN063150.D (-3395) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 19.561 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. -0.00 min

Lab File: VN063275.D

Acq: 9 Sep 2020 12:16

Instrument :

MSVOA_N

ClientSampleId :

VN0909MBS01

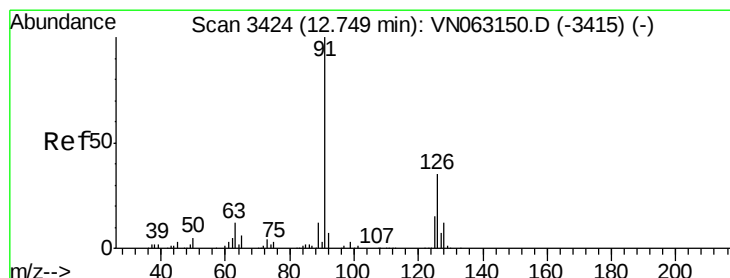
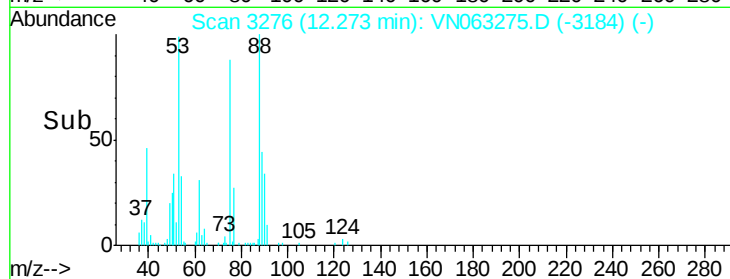
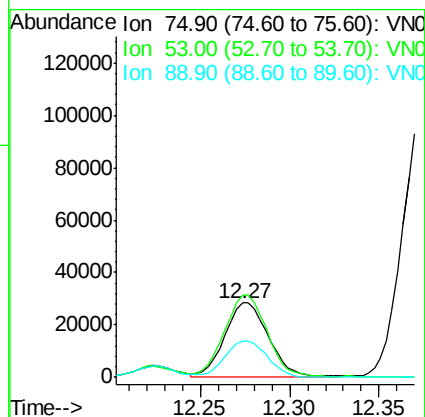
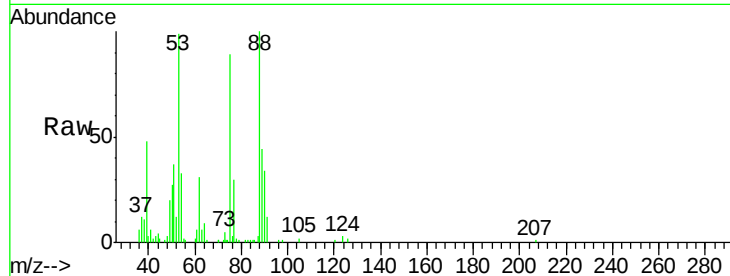
Tgt Ion: 75 Resp: 48373

Ion Ratio Lower Upper

75 100

53 106.2 78.7 118.1

89 47.6 35.3 52.9



#82

4-Chlorotoluene

Concen: 21.113 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. -0.00 min

Lab File: VN063275.D

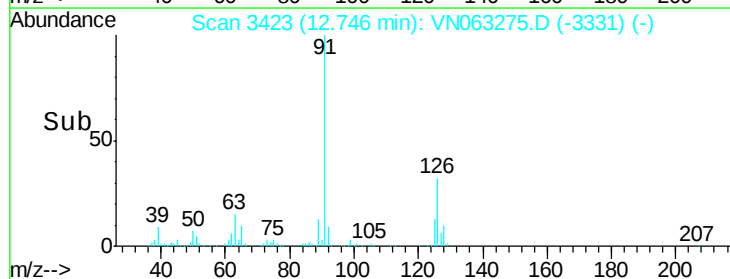
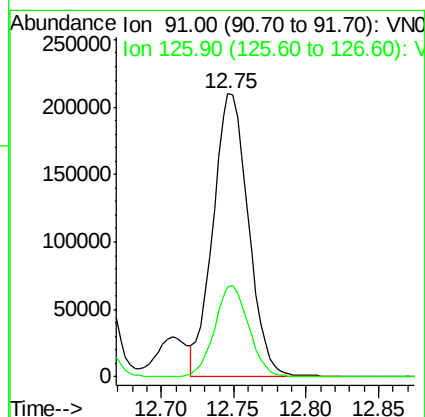
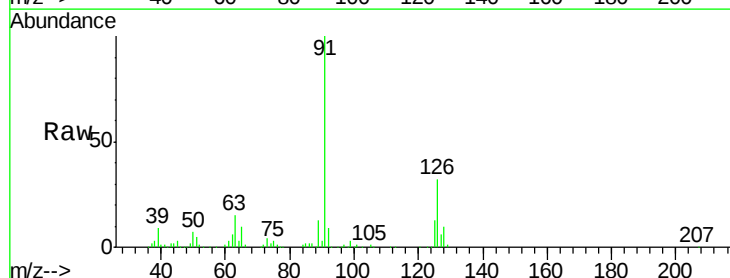
Acq: 9 Sep 2020 12:16

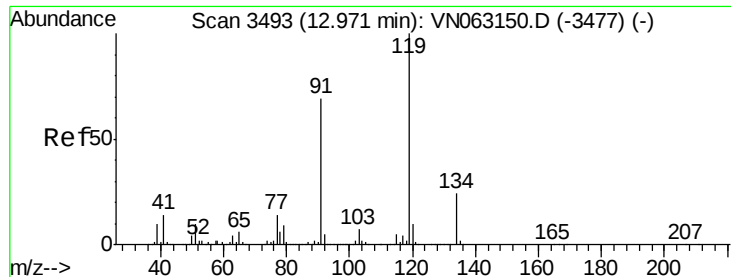
Tgt Ion: 91 Resp: 354096

Ion Ratio Lower Upper

91 100

126 31.1 16.2 48.5

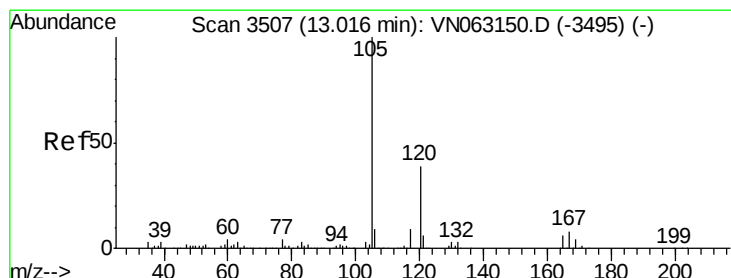
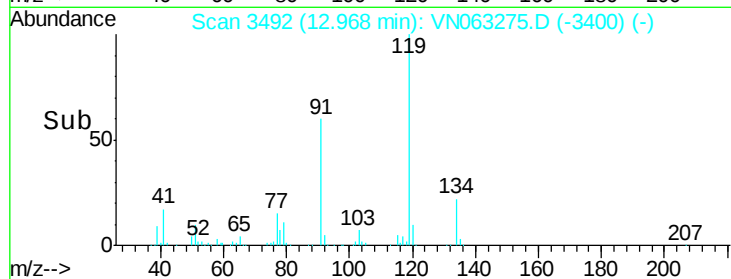
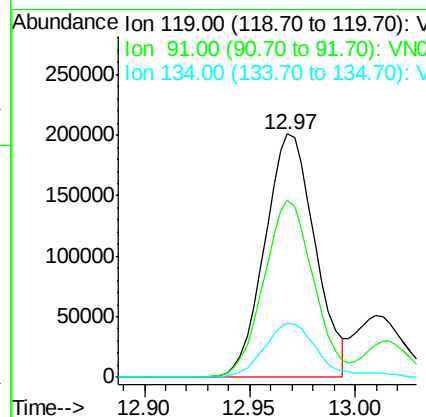
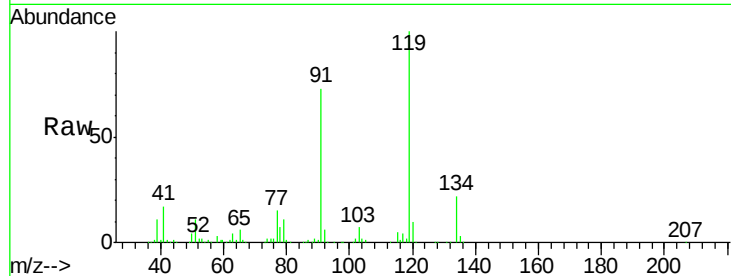




#83
 tert-Butylbenzene
 Concen: 19.953 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. -0.00 min
 Lab File: VN063275.D
 Acq: 9 Sep 2020 12:16

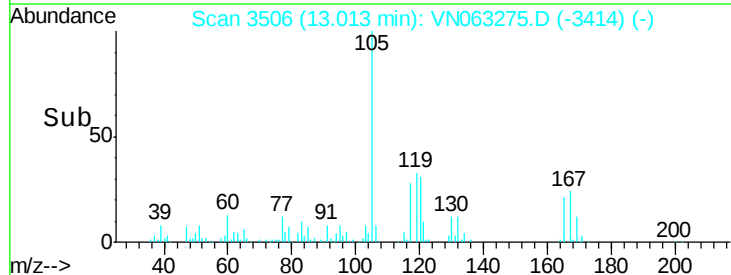
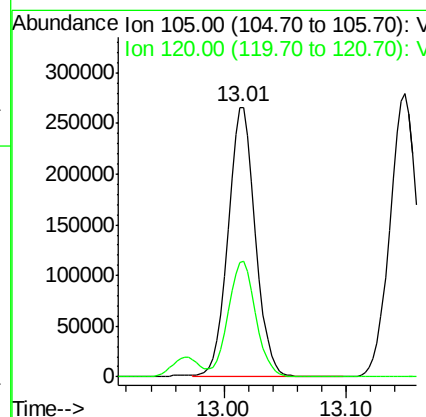
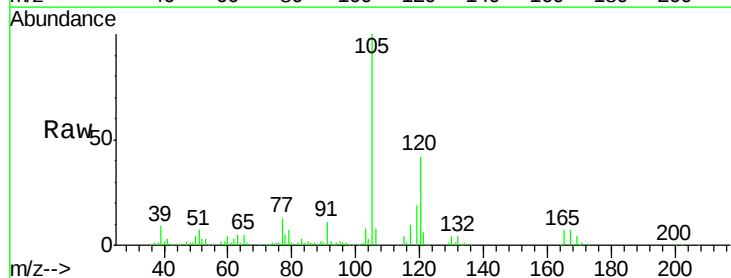
Instrument :
 MSVOA_N
 ClientSampled :
 VN0909MBS01

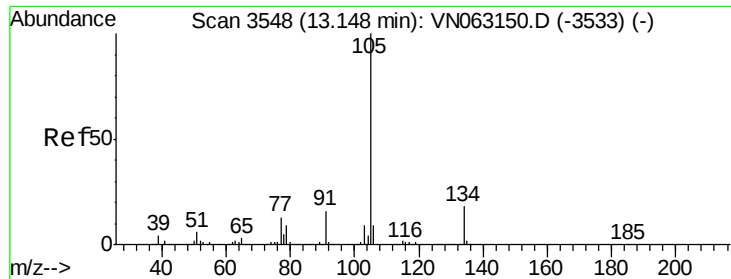
Tgt Ion:119 Resp: 332336
 Ion Ratio Lower Upper
 119 100
 91 71.9 33.7 101.0
 134 24.0 12.0 36.0



#84
 1,2,4-Trimethylbenzene
 Concen: 21.197 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. -0.00 min
 Lab File: VN063275.D
 Acq: 9 Sep 2020 12:16

Tgt Ion:105 Resp: 414946
 Ion Ratio Lower Upper
 105 100
 120 43.8 22.6 67.7

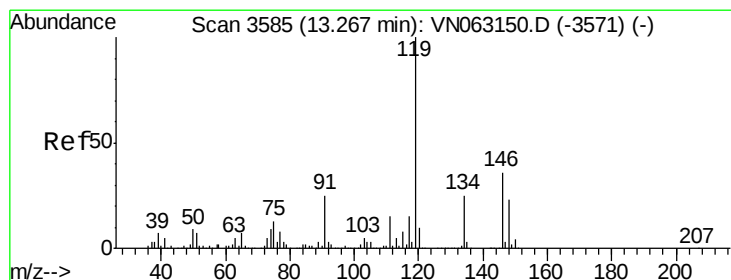
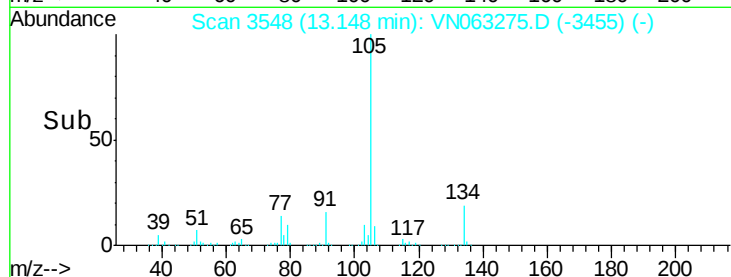
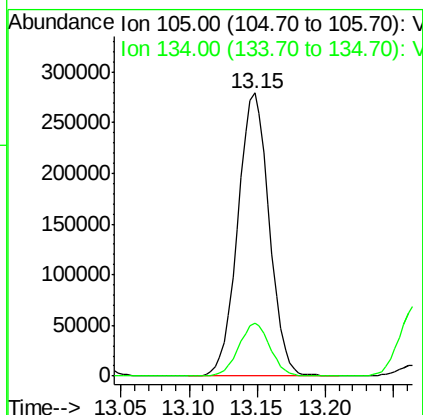
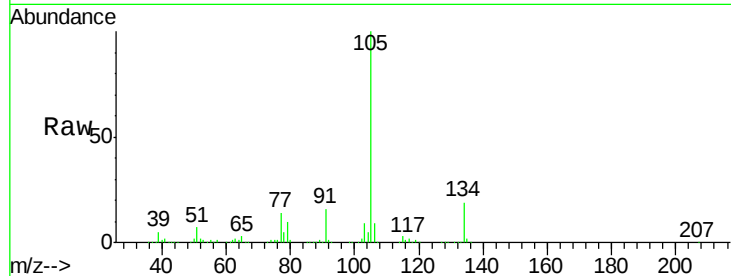




#85
 sec-Butylbenzene
 Concen: 20.462 ug/l
 RT: 13.15 min Scan# 3548
 Delta R.T. 0.00 min
 Lab File: VN063275.D
 Acq: 9 Sep 2020 12:16

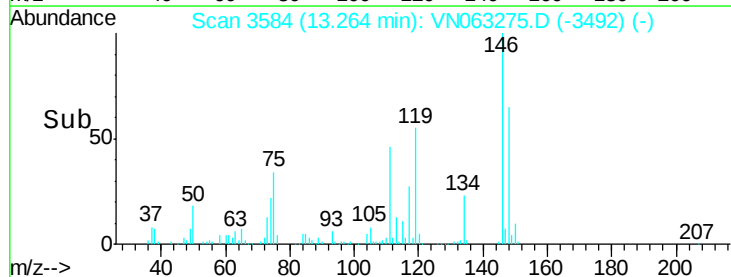
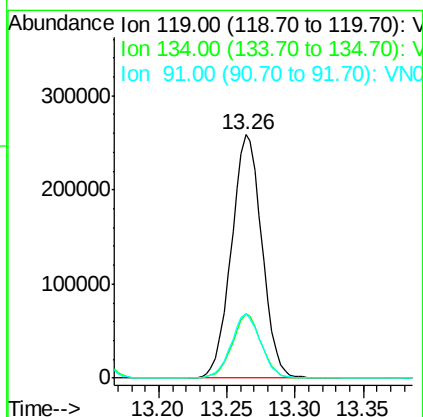
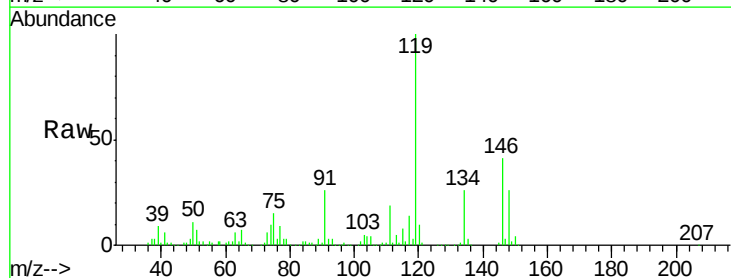
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0909MBS01

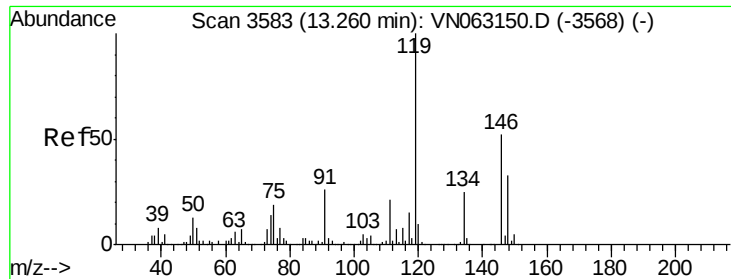
Tgt Ion:105 Resp: 444177
 Ion Ratio Lower Upper
 105 100
 134 18.8 9.4 28.3



#86
 p-Isopropyltoluene
 Concen: 20.749 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. -0.00 min
 Lab File: VN063275.D
 Acq: 9 Sep 2020 12:16

Tgt Ion:119 Resp: 399889
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.4 37.4
 91 25.6 12.2 36.6





#87

1,3-Dichlorobenzene

Concen: 20.988 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. -0.00 min

Lab File: VN063275.D

Acq: 9 Sep 2020 12:16

Instrument :

MSVOA_N

ClientSampleId :

VN0909MBS01

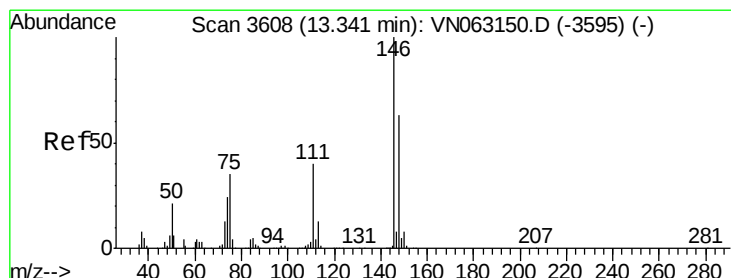
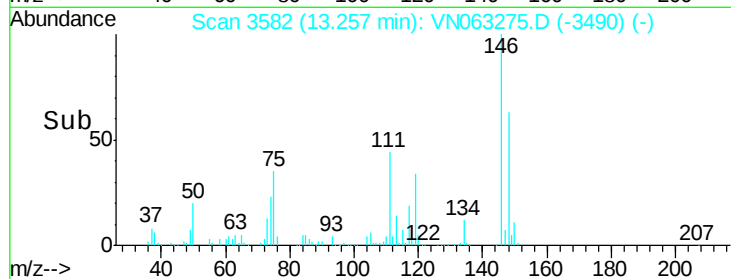
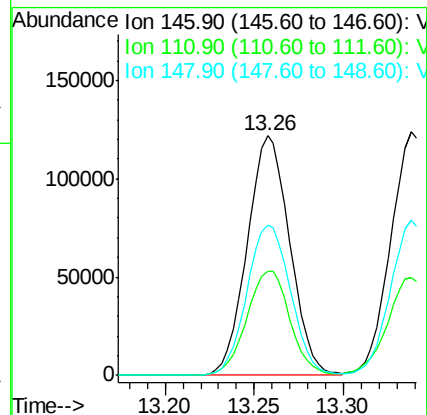
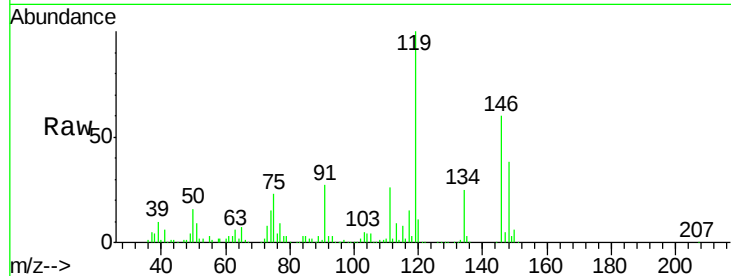
Tgt Ion:146 Resp: 203456

Ion Ratio Lower Upper

146 100

111 44.3 21.3 63.7

148 64.5 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 20.096 ug/l

RT: 13.34 min Scan# 3607

Delta R.T. -0.00 min

Lab File: VN063275.D

Acq: 9 Sep 2020 12:16

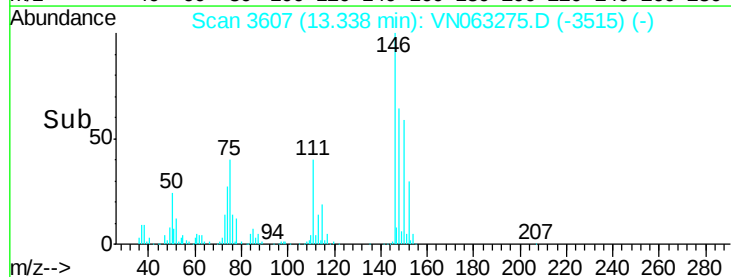
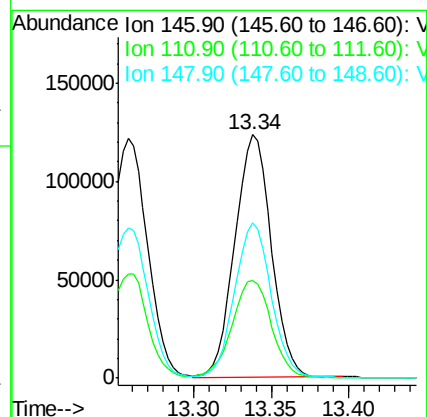
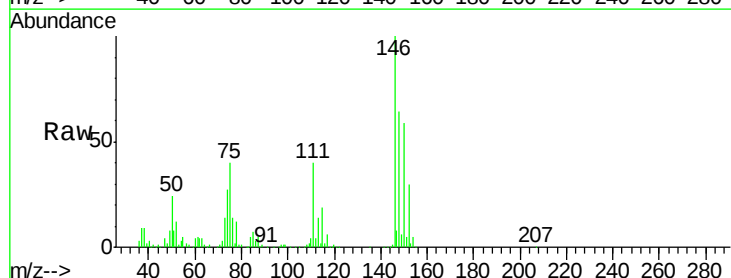
Tgt Ion:146 Resp: 201714

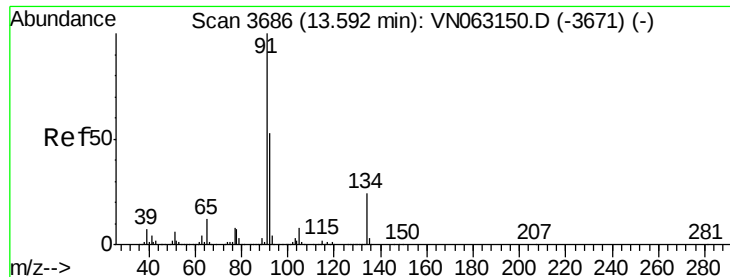
Ion Ratio Lower Upper

146 100

111 43.0 20.5 61.5

148 64.5 31.9 95.7

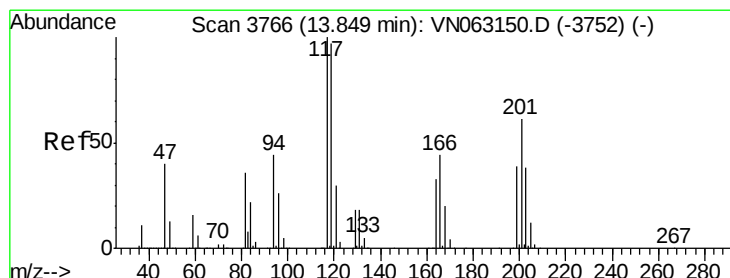
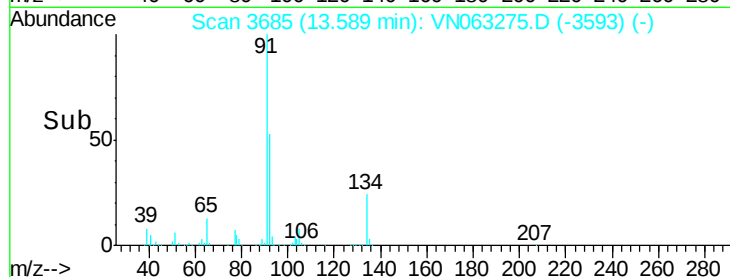
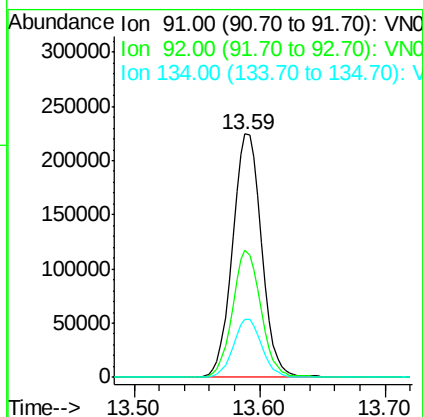
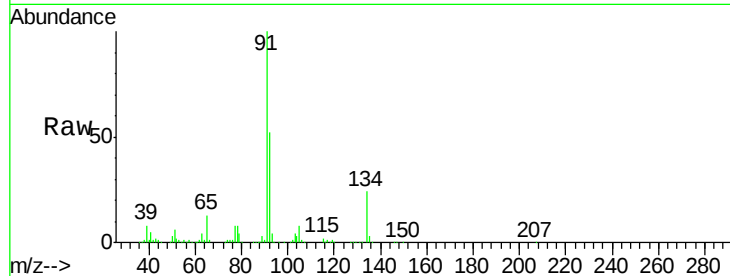




#89
n-Butylbenzene
Concen: 20.270 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN063275.D
Acq: 9 Sep 2020 12:16

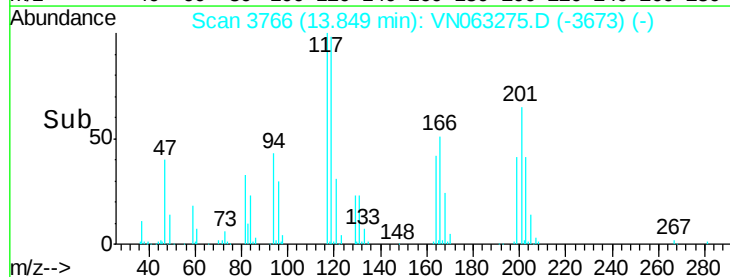
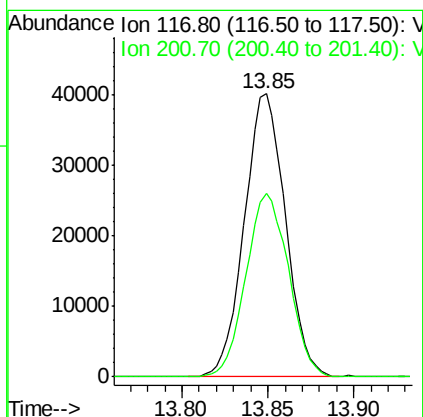
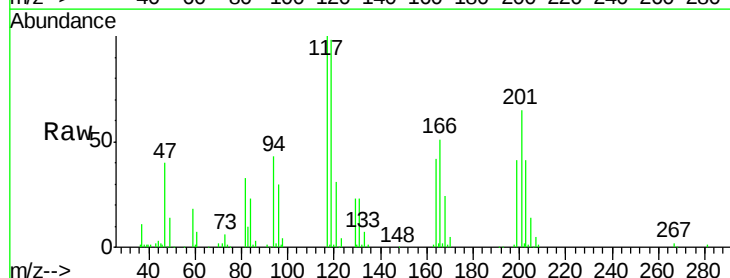
Instrument :
MSVOA_N
ClientSampleId :
VN0909MBS01

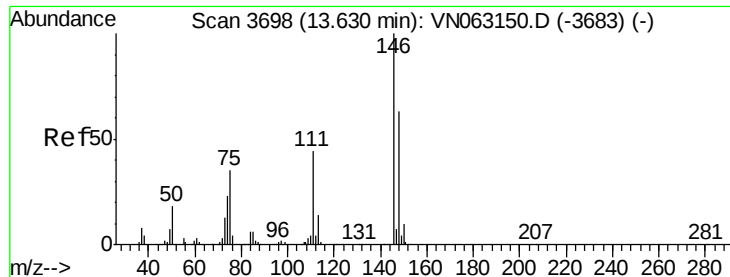
Tgt Ion: 91 Resp: 360896
Ion Ratio Lower Upper
91 100
92 51.0 26.3 78.8
134 23.3 12.0 36.0



#90
Hexachloroethane
Concen: 18.687 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN063275.D
Acq: 9 Sep 2020 12:16

Tgt Ion: 117 Resp: 66666
Ion Ratio Lower Upper
117 100
201 66.9 30.6 92.0

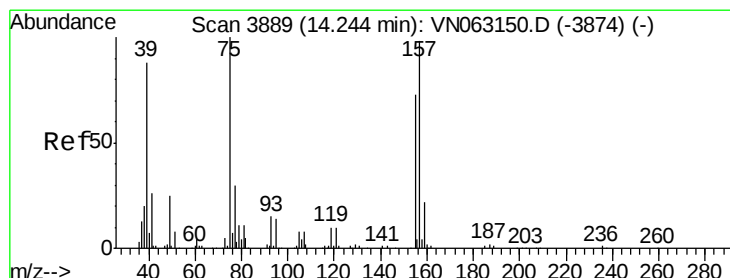
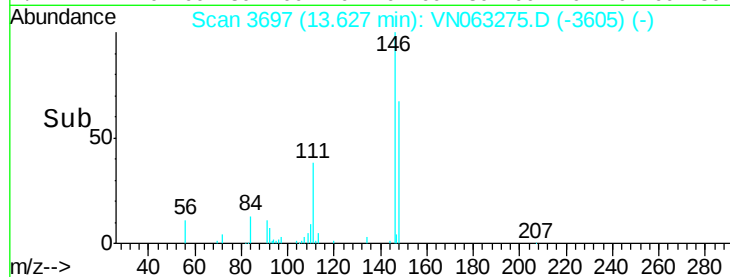
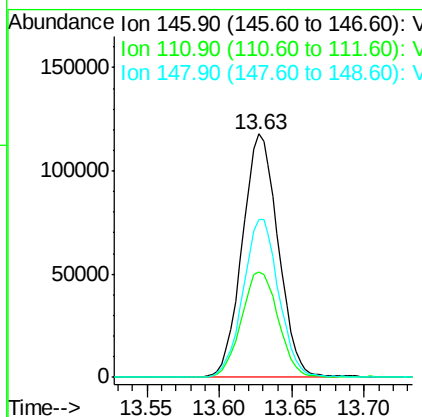
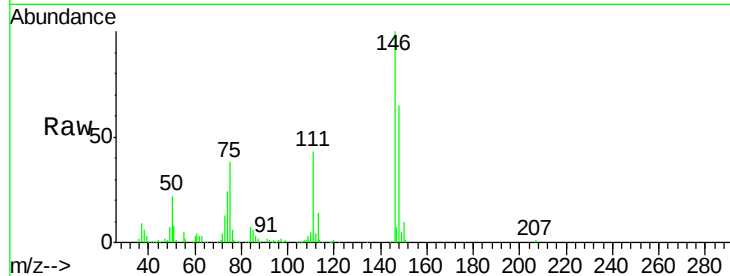




#91
 1,2-Dichlorobenzene
 Concen: 21.653 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. -0.00 min
 Lab File: VN063275.D
 Acq: 9 Sep 2020 12:16

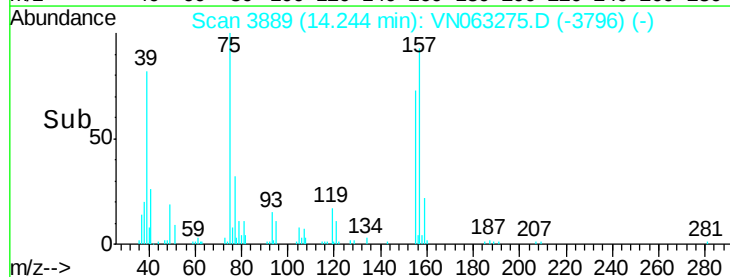
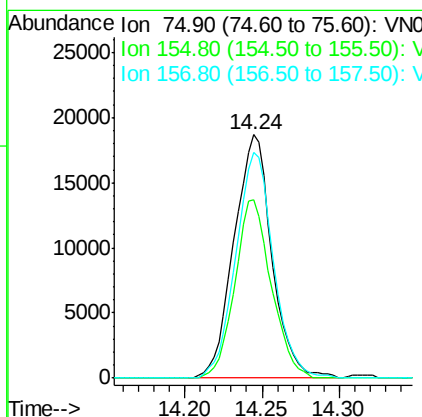
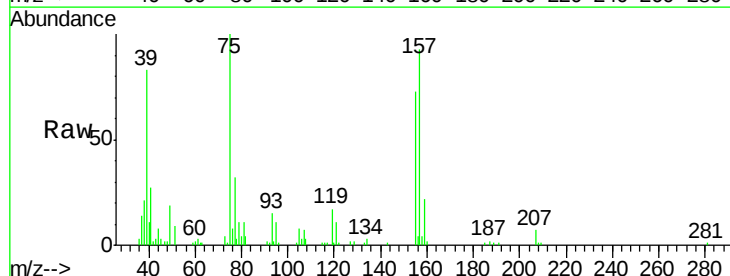
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0909MBS01

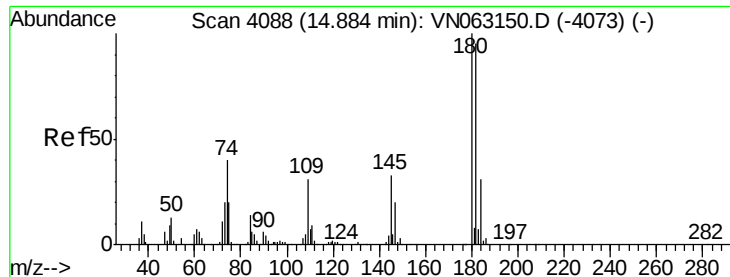
Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.4	22.0	66.0
148	64.1	31.6	95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.507 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN063275.D
 Acq: 9 Sep 2020 12:16

Tgt Ion	Ratio	Lower	Upper
75	100		
155	70.0	36.1	108.5
157	92.1	48.4	145.0

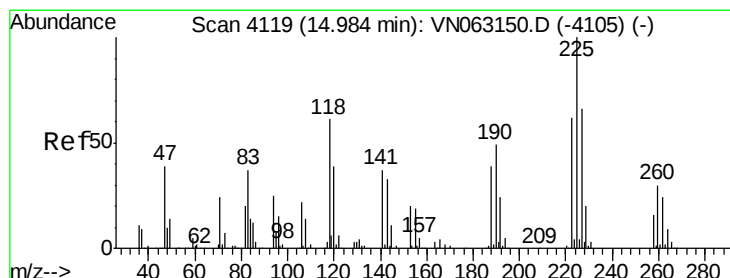
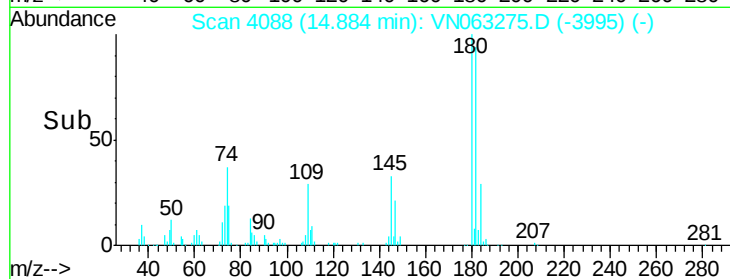
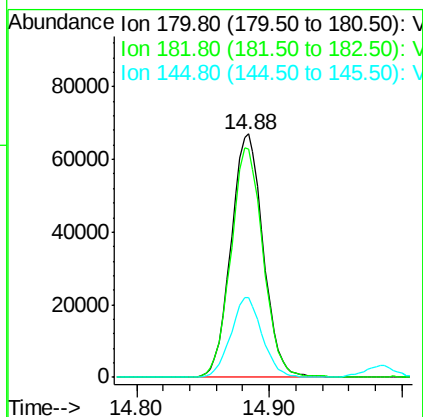
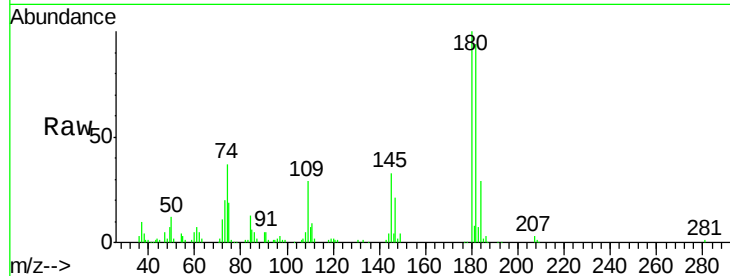




#93
 1,2,4-Trichlorobenzene
 Concen: 21.429 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN063275.D
 Acq: 9 Sep 2020 12:16

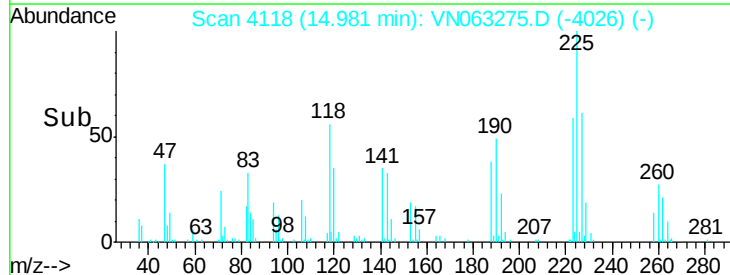
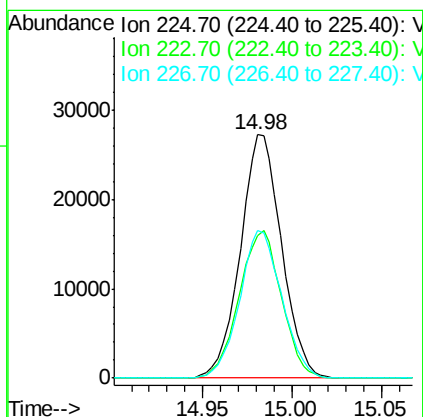
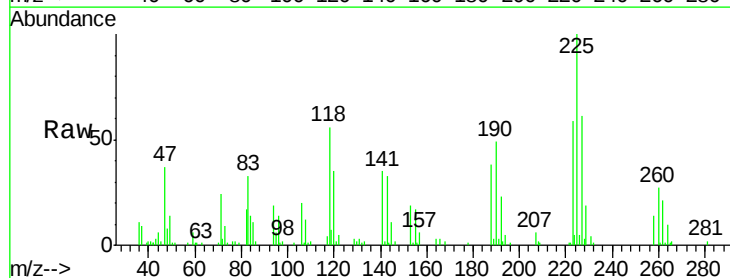
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0909MBS01

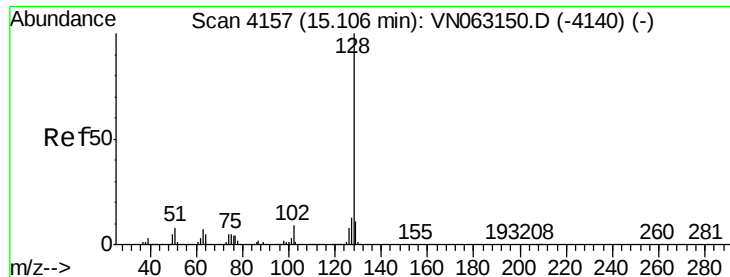
Tgt Ion:180 Resp: 112624
 Ion Ratio Lower Upper
 180 100
 182 94.5 47.5 142.5
 145 32.1 16.6 49.8



#94
 Hexachlorobutadiene
 Concen: 22.439 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN063275.D
 Acq: 9 Sep 2020 12:16

Tgt Ion:225 Resp: 44055
 Ion Ratio Lower Upper
 225 100
 223 62.3 30.9 92.7
 227 61.9 32.9 98.7

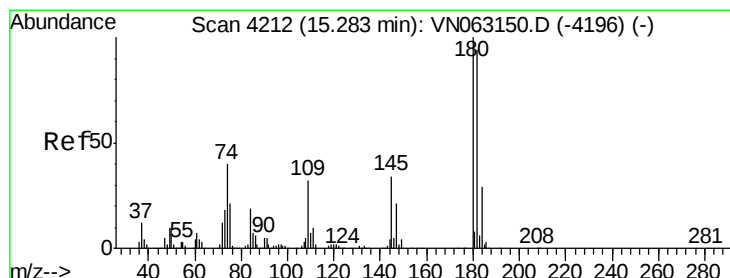
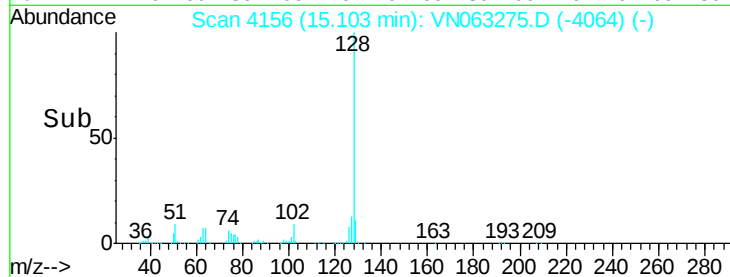
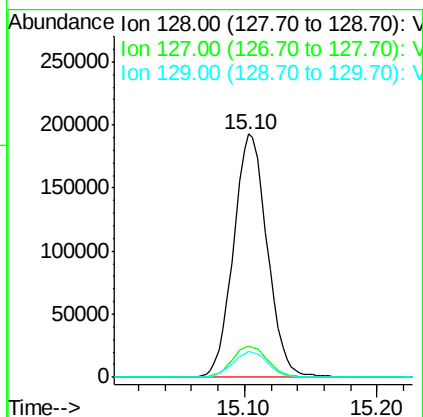
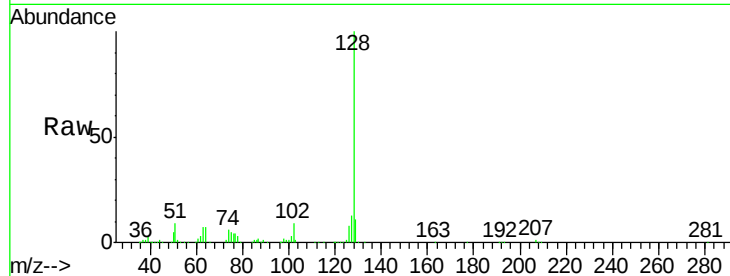




#95
Naphthalene
Concen: 19.447 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. -0.00 min
Lab File: VN063275.D
Acq: 9 Sep 2020 12:16

Instrument :
MSVOA_N
ClientSampled :
VN0909MBS01

Tgt Ion:128 Resp: 340985
Ion Ratio Lower Upper
128 100
127 13.5 10.5 15.7
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 21.170 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN063275.D
Acq: 9 Sep 2020 12:16

Tgt Ion:180 Resp: 108395
Ion Ratio Lower Upper
180 100
182 94.4 47.5 142.5
145 34.7 17.3 52.0

