

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100220\
 Data File : VN063812.D
 Acq On : 2 Oct 2020 10:55
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 05 04:11:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	277662	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	440678	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	417210	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	210207	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.98	65	209852	45.75	ug/l	0.00
Spiked Amount			Recovery	=	91.50%	
35) Dibromofluoromethane	7.55	113	143464	46.92	ug/l	0.00
Spiked Amount			Recovery	=	93.84%	
50) Toluene-d8	10.06	98	544452	46.97	ug/l	0.00
Spiked Amount			Recovery	=	93.94%	
62) 4-Bromofluorobenzene	12.38	95	209201	48.01	ug/l	0.00
Spiked Amount			Recovery	=	96.02%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	147407	50.313	ug/l	99
3) Chloromethane	2.04	50	165101	48.027	ug/l	98
4) Vinyl Chloride	2.16	62	163838	47.479	ug/l	99
5) Bromomethane	2.52	94	112224	51.704	ug/l	98
6) Chloroethane	2.67	64	104948	50.896	ug/l	96
7) Trichlorofluoromethane	2.98	101	277017	50.617	ug/l	99
8) Diethyl Ether	3.37	74	94930	51.289	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	148599	50.800	ug/l	100
10) Methyl Iodide	3.91	142	181854	53.543	ug/l	99
11) Tert butyl alcohol	4.73	59	150605	297.381	ug/l	99
12) 1,1-Dichloroethene	3.69	96	140397	50.213	ug/l	96
13) Acrolein	3.56	56	61908	199.174	ug/l	96
14) Allyl chloride	4.28	41	253780	48.856	ug/l	97
15) Acrylonitrile	4.92	53	394417	272.078	ug/l	99
16) Acetone	3.77	43	396931	281.097	ug/l	99
17) Carbon Disulfide	4.01	76	377473	49.950	ug/l	99
18) Methyl Acetate	4.27	43	201364	54.923	ug/l	99
19) Methyl tert-butyl Ether	4.98	73	540518	53.210	ug/l	99
20) Methylene Chloride	4.50	84	165223	51.082	ug/l	98
21) trans-1,2-Dichloroethene	4.98	96	156029	49.821	ug/l	97
22) Diisopropyl ether	5.90	45	576909	53.981	ug/l	99
23) Vinyl Acetate	5.84	43	2444497	276.125	ug/l	99
24) 1,1-Dichloroethane	5.79	63	311576	50.989	ug/l	99
25) 2-Butanone	6.78	43	590336	294.876	ug/l	99
26) 2,2-Dichloropropane	6.77	77	291489	52.089	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	185727	51.564	ug/l	99
28) Bromochloromethane	7.14	49	143885	47.641	ug/l	99
29) Tetrahydrofuran	7.16	42	380288	283.223	ug/l	98
30) Chloroform	7.33	83	330343	51.847	ug/l	94
31) Cyclohexane	7.61	56	257932	48.434	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	300294	52.253	ug/l	100
36) 1,1-Dichloropropene	7.75	75	237543	53.207	ug/l	99
37) Ethyl Acetate	6.88	43	237376	53.517	ug/l	99
38) Carbon Tetrachloride	7.73	117	261198	52.174	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100220\
 Data File : VN063812.D
 Acq On : 2 Oct 2020 10:55
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 05 04:11:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	231403	51.976	ug/l	99
40) Benzene	8.00	78	679921	53.320	ug/l	98
41) Methacrylonitrile	7.12	41	119607	60.673	ug/l	96
42) 1,2-Dichloroethane	8.08	62	294893	54.176	ug/l	99
43) Isopropyl Acetate	8.12	43	419137	57.289	ug/l #	91
44) Trichloroethene	8.80	130	177121	53.012	ug/l	97
45) 1,2-Dichloropropane	9.08	63	185072	53.740	ug/l	100
46) Dibromomethane	9.17	93	128256	53.986	ug/l	99
47) Bromodichloromethane	9.37	83	271213	55.392	ug/l	99
48) Methyl methacrylate	9.16	41	208456	57.669	ug/l	96
49) 1,4-Dioxane	9.16	88	62444	1215.513	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	1283978	299.052	ug/l	100
52) Toluene	10.12	92	434373	55.072	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	295503	56.303	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	307659	56.050	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	178623	56.471	ug/l	99
56) Ethyl methacrylate	10.40	69	265087	59.124	ug/l	98
57) 1,3-Dichloropropane	10.68	76	300502	56.154	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	690521	287.919	ug/l	100
59) 2-Hexanone	10.72	43	974211	305.445	ug/l	100
60) Dibromochloromethane	10.87	129	203694	55.296	ug/l	99
61) 1,2-Dibromoethane	10.98	107	184321	56.966	ug/l	99
64) Tetrachloroethene	10.60	164	162290	50.278	ug/l	96
65) Chlorobenzene	11.41	112	465515	54.394	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	180722	55.081	ug/l	100
67) Ethyl Benzene	11.48	91	865467	55.575	ug/l	100
68) m/p-Xylenes	11.59	106	635843	109.552	ug/l	97
69) o-Xylene	11.92	106	304662	56.161	ug/l	100
70) Styrene	11.94	104	532026	57.776	ug/l	100
71) Bromoform	12.10	173	138931	55.365	ug/l #	98
73) Isopropylbenzene	12.22	105	831327	54.221	ug/l	99
74) N-amyl acetate	12.05	43	387233	54.147	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	251612	53.666	ug/l	97
76) 1,2,3-Trichloropropane	12.53	75	358148	77.291	ug/l #	100
77) Bromobenzene	12.50	156	201634	53.595	ug/l	99
78) n-propylbenzene	12.57	91	963208	53.980	ug/l	100
79) 2-Chlorotoluene	12.65	91	582828	53.109	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	702145	54.586	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	92193	57.303	ug/l	99
82) 4-Chlorotoluene	12.75	91	634039	55.654	ug/l	100
83) tert-Butylbenzene	12.97	119	563128	53.521	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	714895	55.666	ug/l	98
85) sec-Butylbenzene	13.14	105	744600	53.880	ug/l	100
86) p-Isopropyltoluene	13.26	119	668561	54.685	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	361944	53.178	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	367912	51.915	ug/l	99
89) n-Butylbenzene	13.59	91	588219	52.130	ug/l	100
90) Hexachloroethane	13.85	117	123202	52.005	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	360150	53.423	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	57313	52.125	ug/l	93

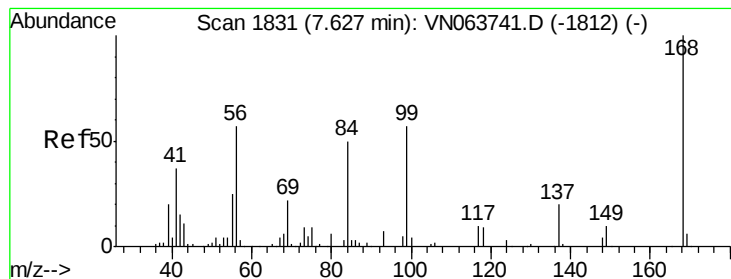
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100220\
Data File : VN063812.D
Acq On : 2 Oct 2020 10:55
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Quant Time: Oct 05 04:11:24 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 01 01:46:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	173282	47.365	ug/l	98
94) Hexachlorobutadiene	14.98	225	96091	52.567	ug/l	97
95) Naphthalene	15.10	128	533620	47.160	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	167807	47.286	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: VN063812.D

Acq: 2 Oct 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

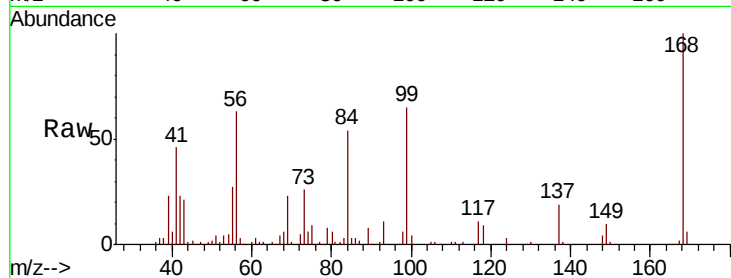
VSTDCCC050

Tot Ion:168 Resp: 277662

Ion Ratio Lower Upper

168 100

99 65.0 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

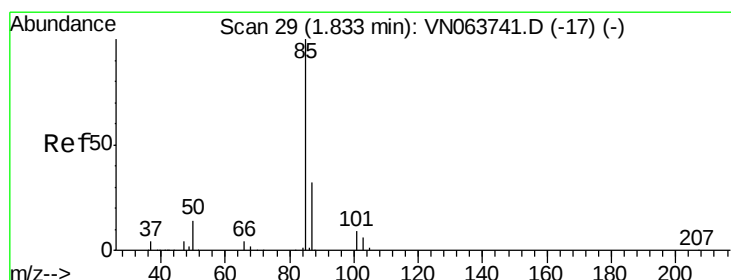
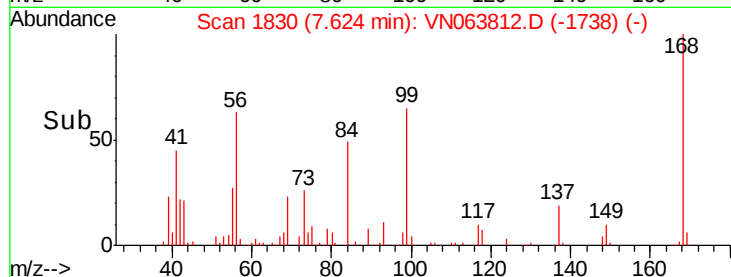
7.62

100000

50000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 50.313 ug/l

RT: 1.83 min Scan# 28

Delta R.T. -0.00 min

Lab File: VN063812.D

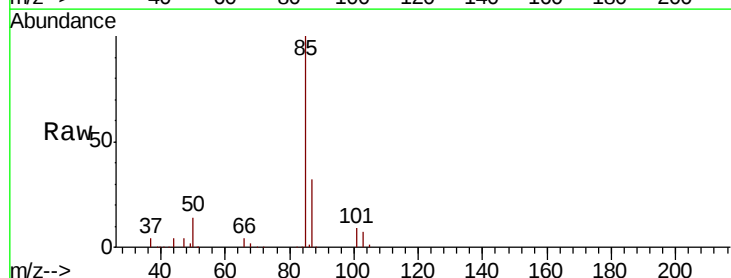
Acq: 2 Oct 2020 10:55

Tgt Ion: 85 Resp: 147407

Ion Ratio Lower Upper

85 100

87 32.4 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

120000

100000

80000

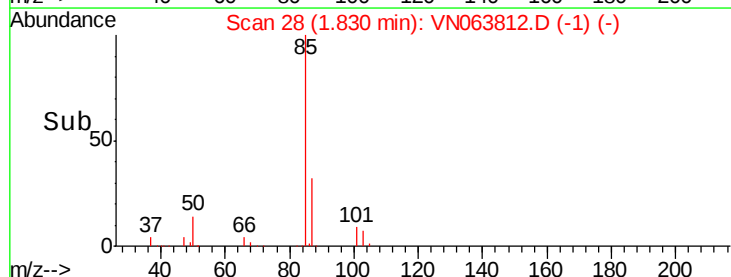
60000

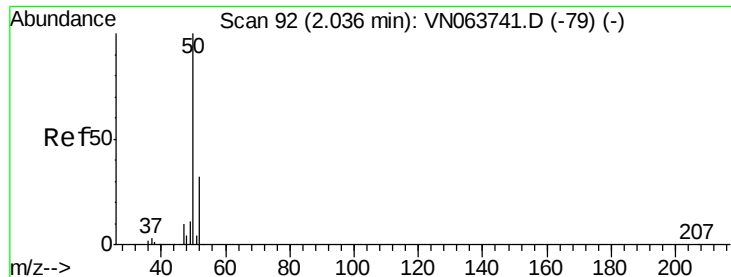
40000

20000

0

Time--> 1.75 1.80 1.85 1.90 1.95





#3

Chloromethane

Concen: 48.027 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063812.D

Acq: 2 Oct 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

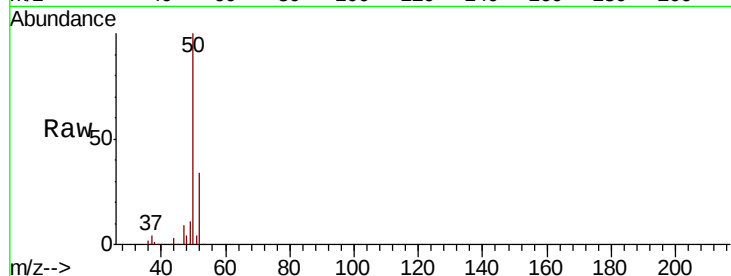
VSTDCCC050

Tot Ion: 50 Resp: 165101

Ion Ratio Lower Upper

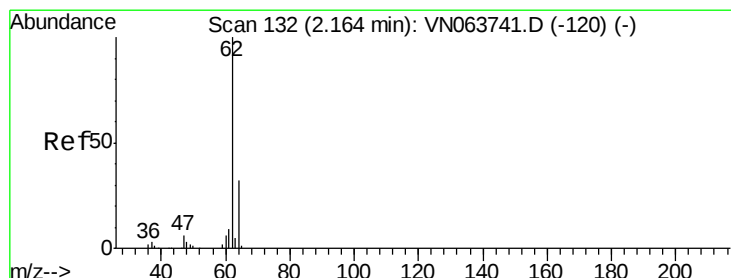
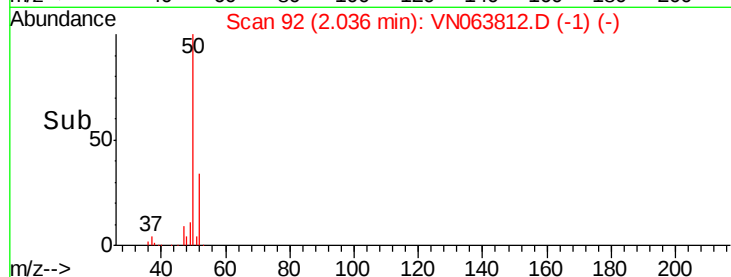
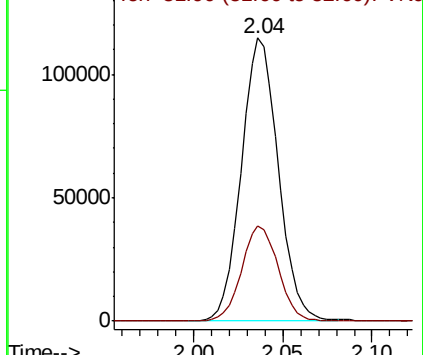
50 100

52 33.6 25.8 38.8



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 47.479 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN063812.D

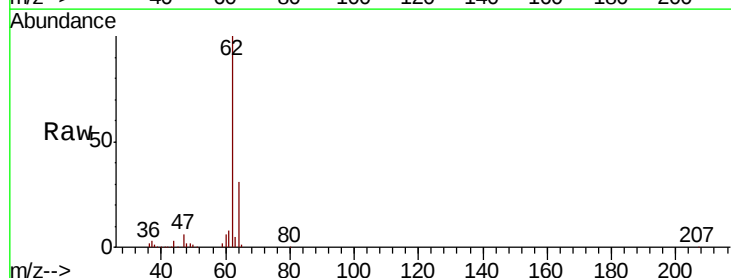
Acq: 2 Oct 2020 10:55

Tgt Ion: 62 Resp: 163838

Ion Ratio Lower Upper

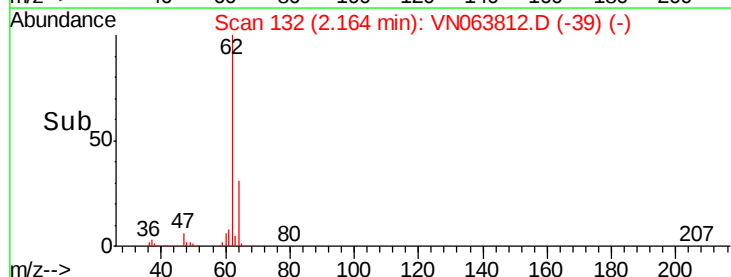
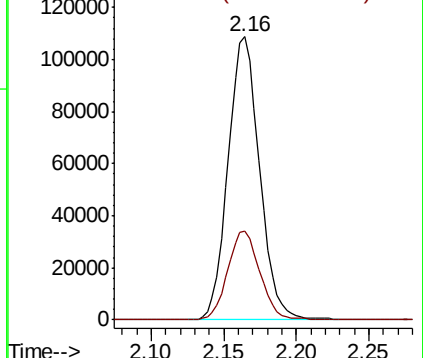
62 100

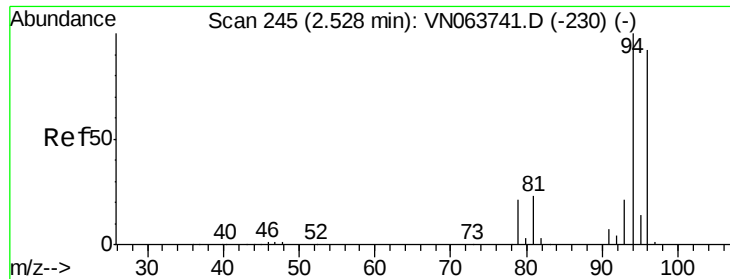
64 31.4 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 51.704 ug/l

RT: 2.52 min Scan# 243

Delta R.T. -0.01 min

Lab File: VN063812.D

Acq: 2 Oct 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

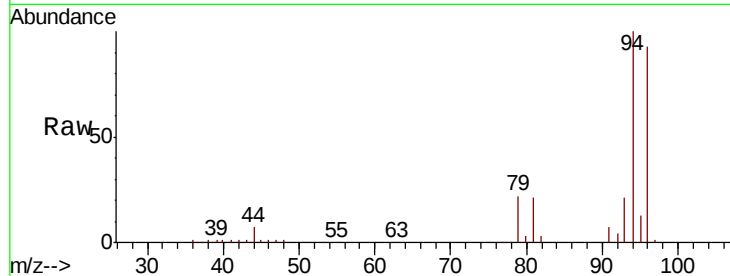
VSTDCCC050

Tot Ion: 94 Resp: 112224

Ion Ratio Lower Upper

94 100

96 93.3 73.3 109.9



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.52

60000

50000

40000

30000

20000

10000

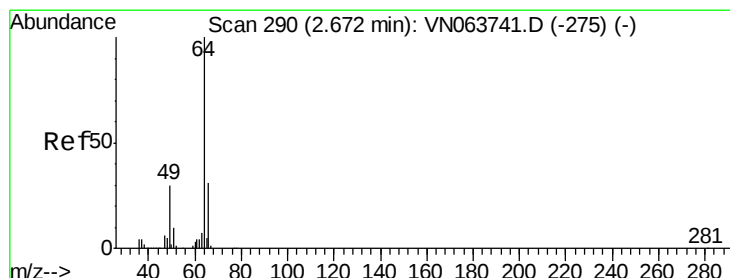
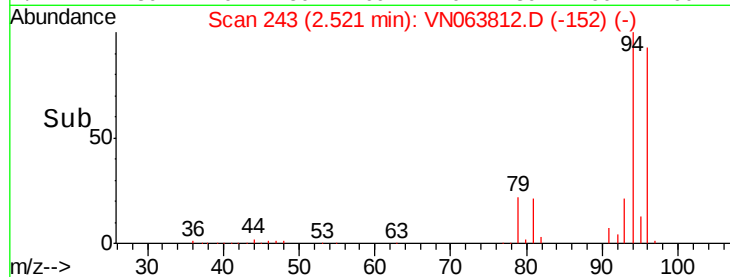
0

Time-->

2.40

2.50

2.60



#6

Chloroethane

Concen: 50.896 ug/l

RT: 2.67 min Scan# 288

Delta R.T. -0.01 min

Lab File: VN063812.D

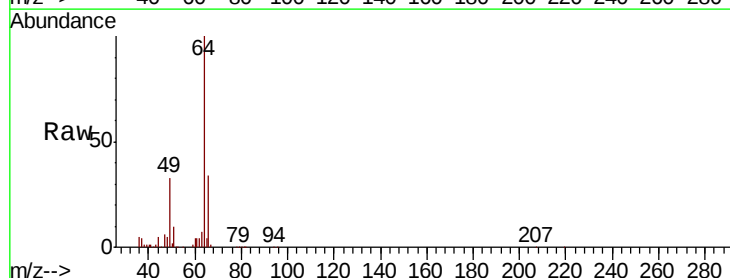
Acq: 2 Oct 2020 10:55

Tgt Ion: 64 Resp: 104948

Ion Ratio Lower Upper

64 100

66 33.6 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.67

60000

50000

40000

30000

20000

10000

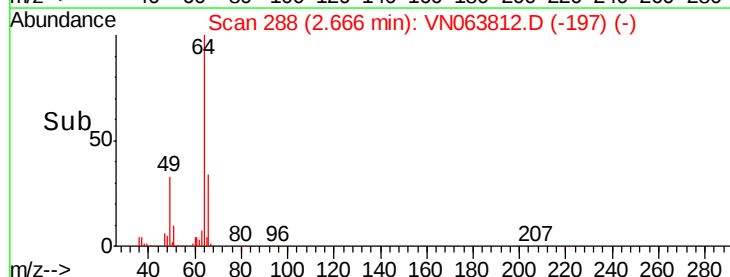
0

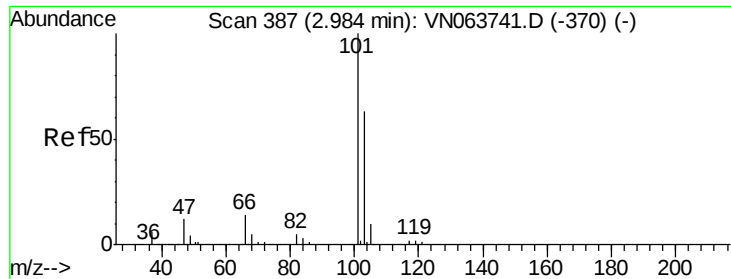
Time-->

2.60

2.70

2.80



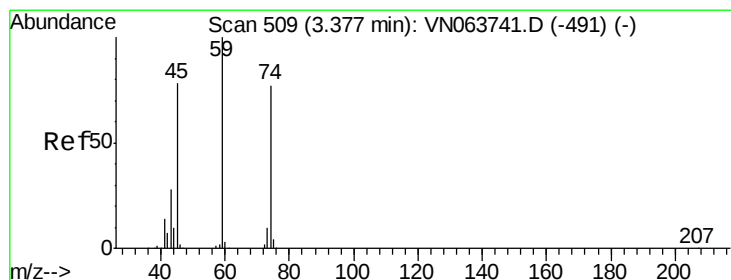
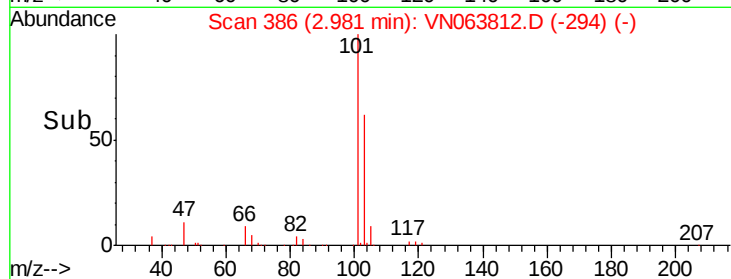
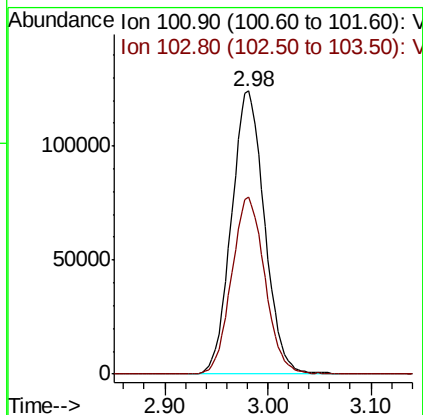
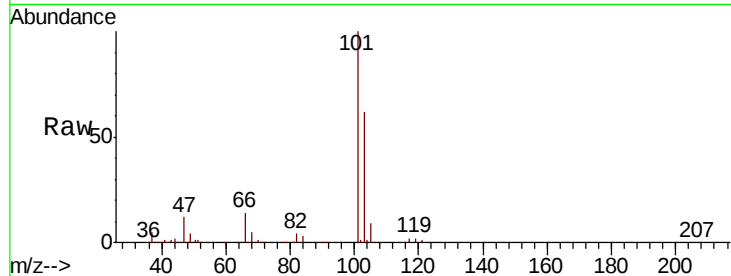


#7

Trichlorofluoromethane
 Concen: 50.617 ug/l
 RT: 2.98 min Scan# 386
 Delta R.T. -0.00 min
 Lab File: VN063812.D
 Acq: 2 Oct 2020 10:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

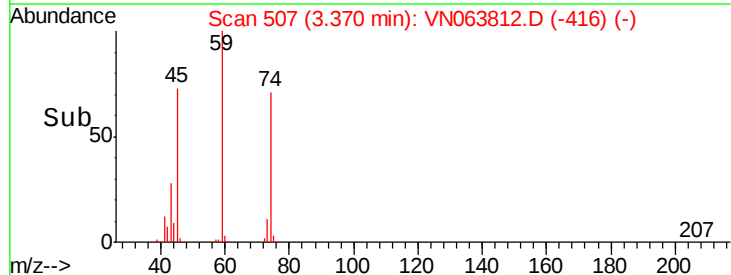
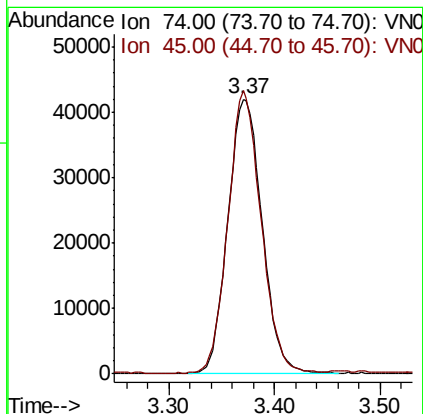
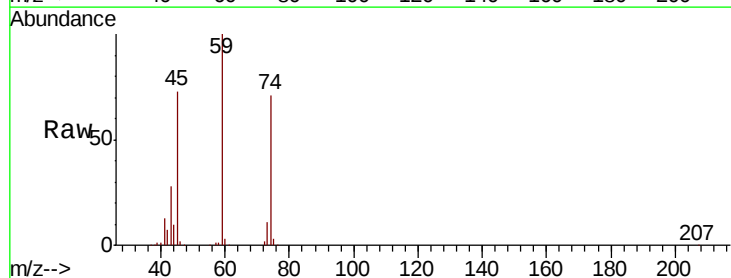
Tot Ion:101 Resp: 277017
 Ion Ratio Lower Upper
 101 100
 103 62.4 50.7 76.1



#8

Diethyl Ether
 Concen: 51.289 ug/l
 RT: 3.37 min Scan# 507
 Delta R.T. -0.01 min
 Lab File: VN063812.D
 Acq: 2 Oct 2020 10:55

Tgt Ion: 74 Resp: 94930
 Ion Ratio Lower Upper
 74 100
 45 99.7 50.9 152.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.800 ug/l

RT: 3.72 min Scan# 615

Delta R.T. 0.00 min

Lab File: VN063812.D

Acq: 2 Oct 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

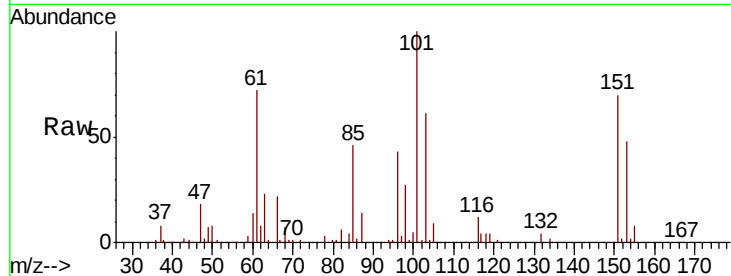
Tot Ion:101 Resp: 148599

Ion Ratio Lower Upper

101 100

85 48.5 38.6 58.0

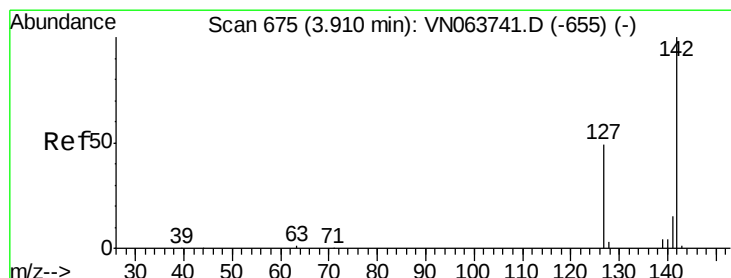
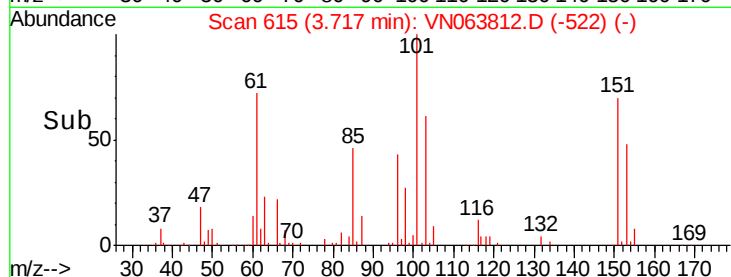
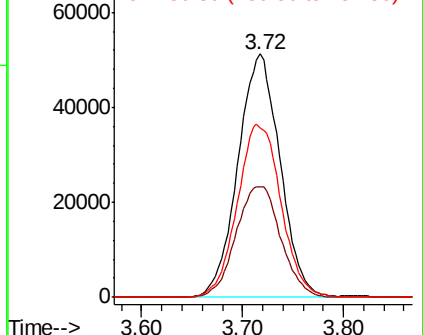
151 73.9 58.7 88.1



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: 53.543 ug/l

RT: 3.91 min Scan# 674

Delta R.T. -0.00 min

Lab File: VN063812.D

Acq: 2 Oct 2020 10:55

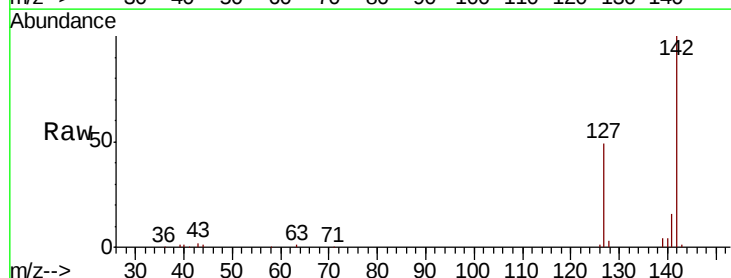
Tgt Ion:142 Resp: 181854

Ion Ratio Lower Upper

142 100

127 51.1 40.5 60.7

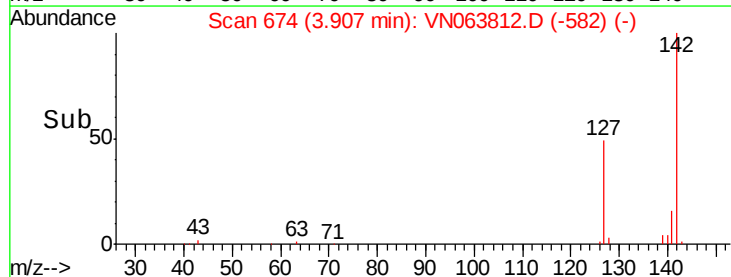
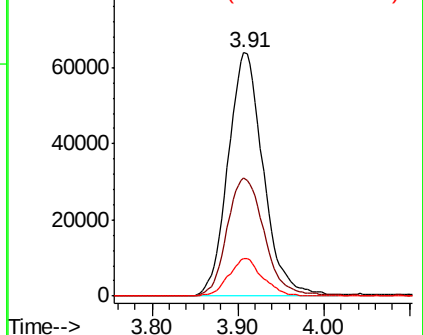
141 14.9 11.7 17.5

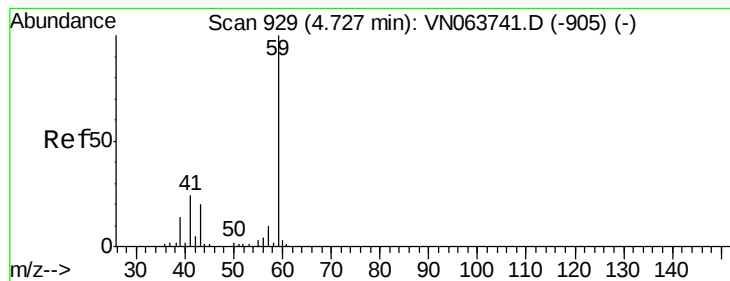


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



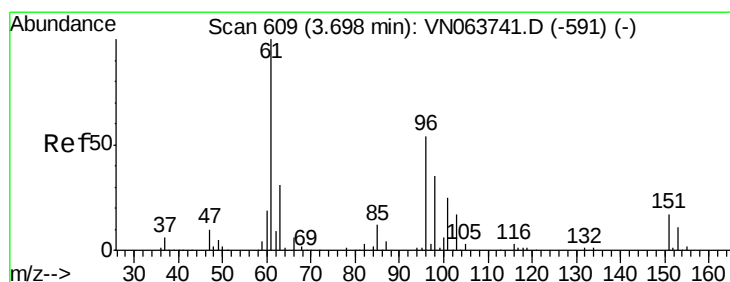
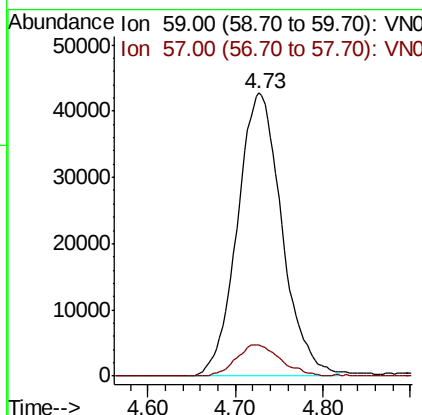
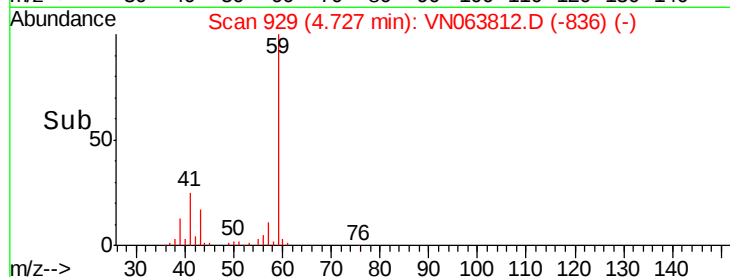
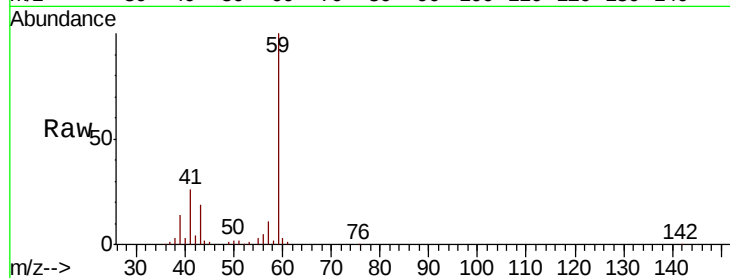


#11

Tert butyl alcohol
 Concen: 297.381 ug/l
 RT: 4.73 min Scan# 929
 Delta R.T. 0.00 min
 Lab File: VN063812.D
 Acq: 2 Oct 2020 10:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

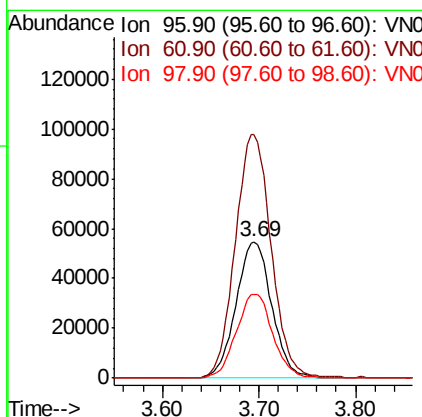
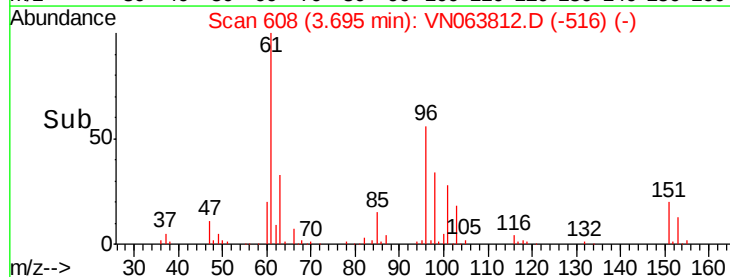
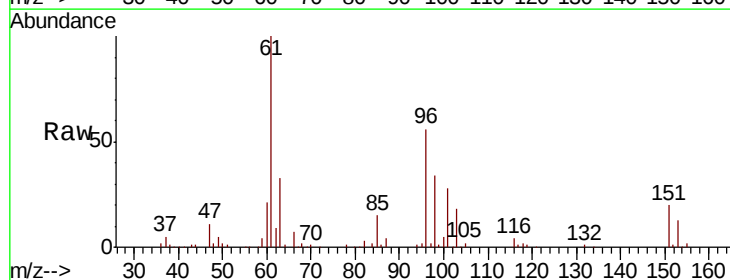
Tot Ion: 59 Resp: 150605
 Ion Ratio Lower Upper
 59 100
 57 11.2 8.7 13.1

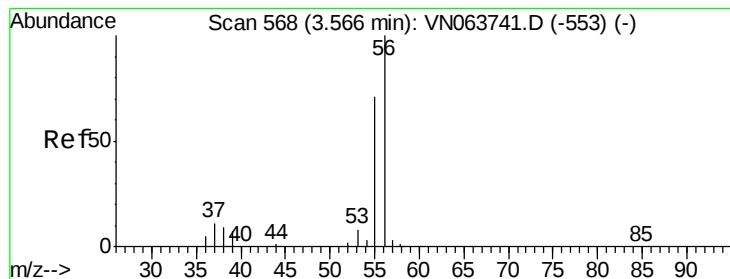


#12

1,1-Dichloroethene
 Concen: 50.213 ug/l
 RT: 3.69 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: VN063812.D
 Acq: 2 Oct 2020 10:55

Tgt Ion: 96 Resp: 140397
 Ion Ratio Lower Upper
 96 100
 61 178.9 147.7 221.5
 98 61.7 51.9 77.9





#13

Acrolein

Concen: 199.174 ug/l

RT: 3.56 min Scan# 567

Delta R.T. -0.00 min

Lab File: VN063812.D

Acq: 2 Oct 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

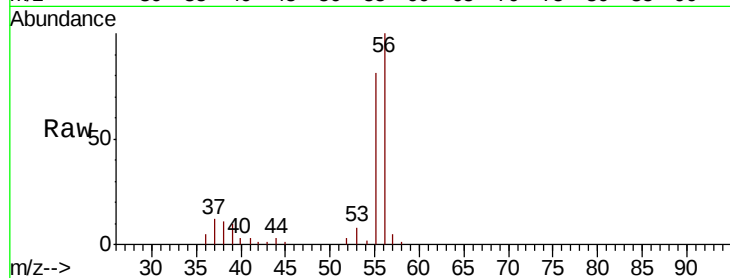
VSTDCCC050

Tot Ion: 56 Resp: 61908

Ion Ratio Lower Upper

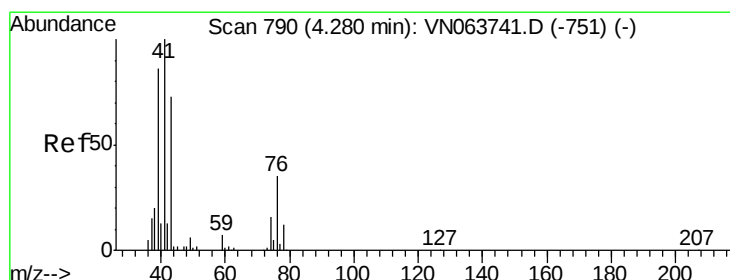
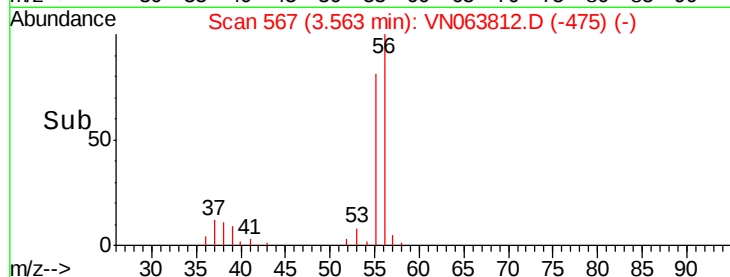
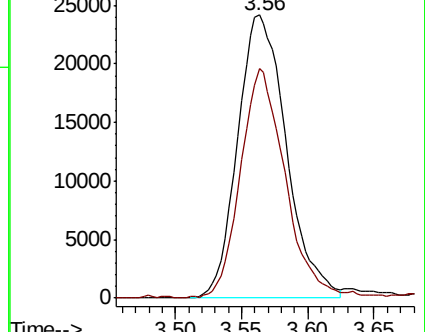
56 100

55 74.1 56.9 85.3



Abundance Ion 56.00 (55.70 to 56.70): VN063741.D (-553) (-)

Ion 55.00 (54.70 to 55.70): VN063741.D (-553) (-)



#14

Allyl chloride

Concen: 48.856 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063812.D

Acq: 2 Oct 2020 10:55

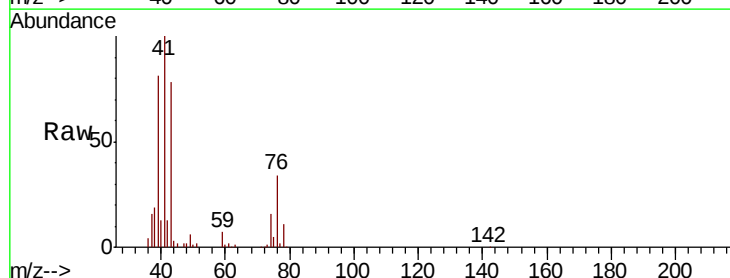
Tgt Ion: 41 Resp: 253780

Ion Ratio Lower Upper

41 100

39 84.0 64.5 96.7

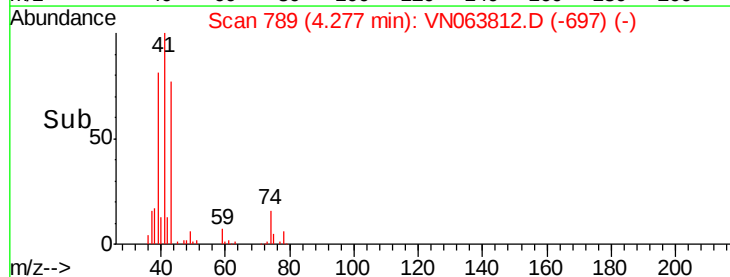
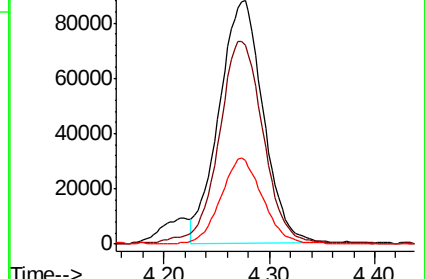
76 32.8 25.9 38.9

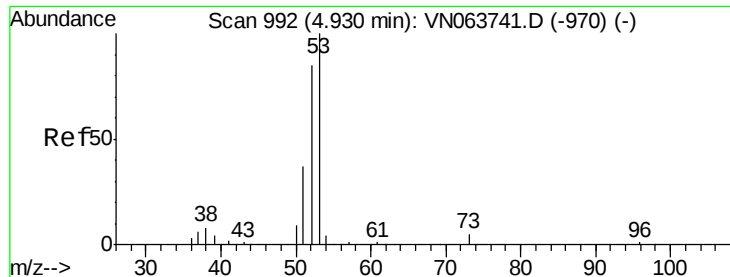


Abundance Ion 41.00 (40.70 to 41.70): VN063741.D (-751) (-)

Ion 39.00 (38.70 to 39.70): VN063741.D (-751) (-)

Ion 75.90 (75.60 to 76.60): VN063741.D (-751) (-)





#15

Acrylonitrile

Concen: 272.078 ug/l

RT: 4.92 min Scan# 990

Delta R.T. -0.01 min

Lab File: VN063812.D

Acq: 2 Oct 2020 10:55

Instrument :

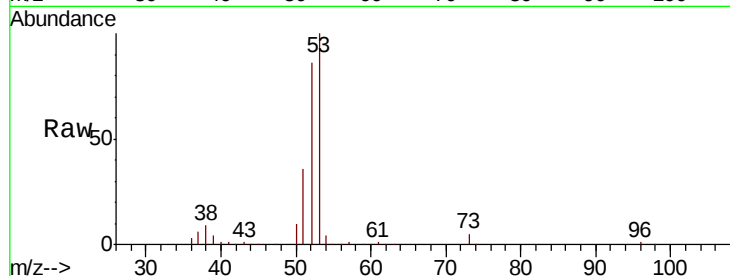
MSVOA_N

ClientSampled :

VSTDCCC050

Tot Ion: 53 Resp: 394417

Ion	Ratio	Lower	Upper
53	100		
52	83.5	66.5	99.7
51	38.1	29.9	44.9

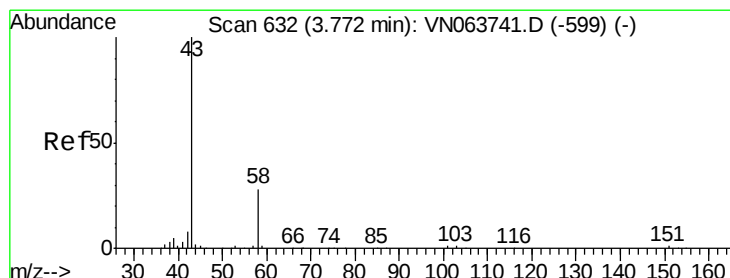
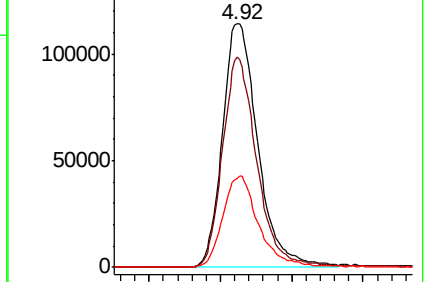
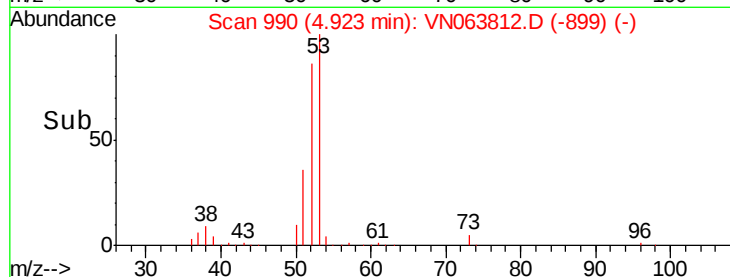


Abundance

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: 281.097 ug/l

RT: 3.77 min Scan# 631

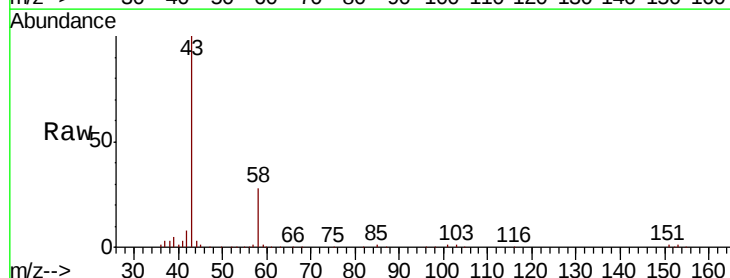
Delta R.T. -0.00 min

Lab File: VN063812.D

Acq: 2 Oct 2020 10:55

Tgt Ion: 43 Resp: 396931

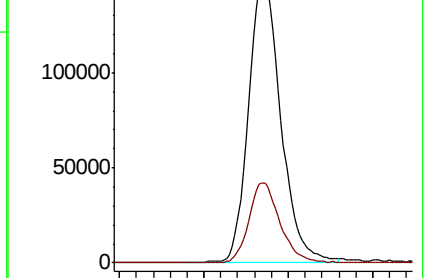
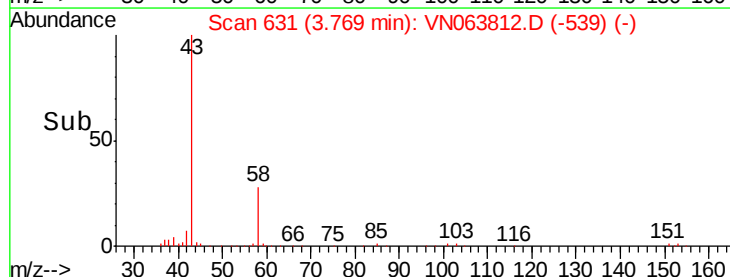
Ion	Ratio	Lower	Upper
43	100		
58	28.4	22.3	33.5

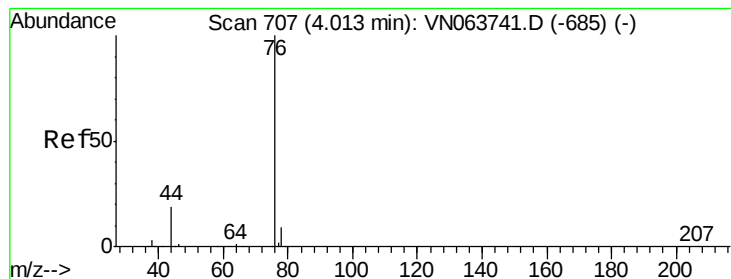


Abundance

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 49.950 ug/l

RT: 4.01 min Scan# 705

Delta R.T. -0.01 min

Lab File: VN063812.D

Acq: 2 Oct 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

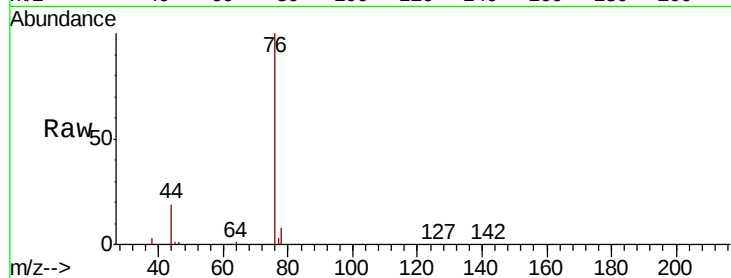
VSTDCCC050

Tot Ion: 76 Resp: 377473

Ion Ratio Lower Upper

76 100

78 8.3 7.0 10.4



Abundance Ion 75.90 (75.60 to 76.60): VN063741.D (-685) (-)

Ion 77.90 (77.60 to 78.60): VN063741.D (-685) (-)

4.01

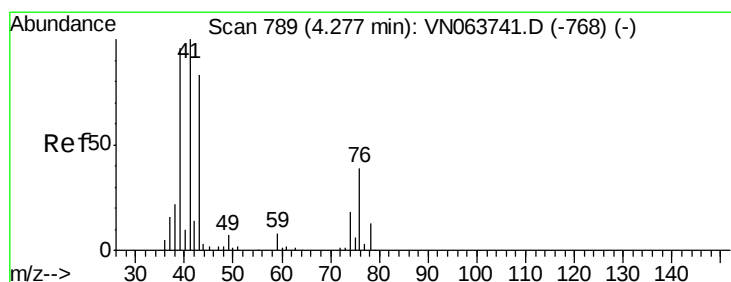
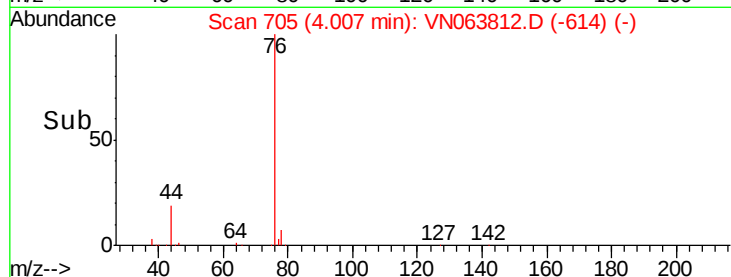
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 54.923 ug/l

RT: 4.27 min Scan# 788

Delta R.T. -0.00 min

Lab File: VN063812.D

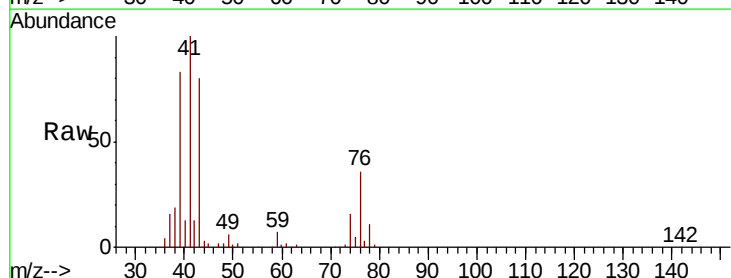
Acq: 2 Oct 2020 10:55

Tgt Ion: 43 Resp: 201364

Ion Ratio Lower Upper

43 100

74 21.4 17.4 26.2



Abundance Ion 43.00 (42.70 to 43.70): VN063741.D (-768) (-)

Ion 74.00 (73.70 to 74.70): VN063741.D (-768) (-)

4.27

80000

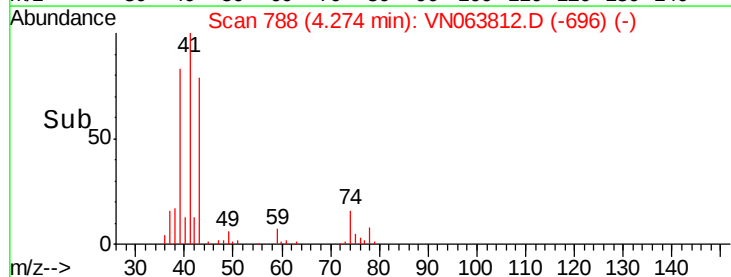
60000

40000

20000

0

Time-->

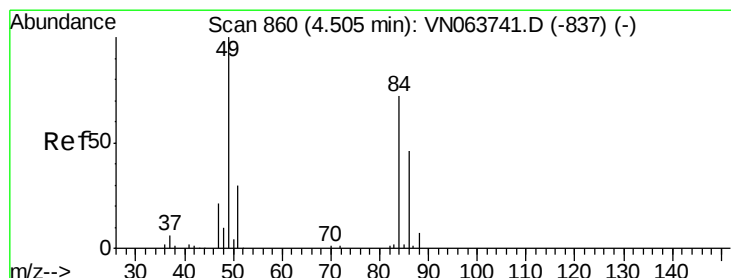
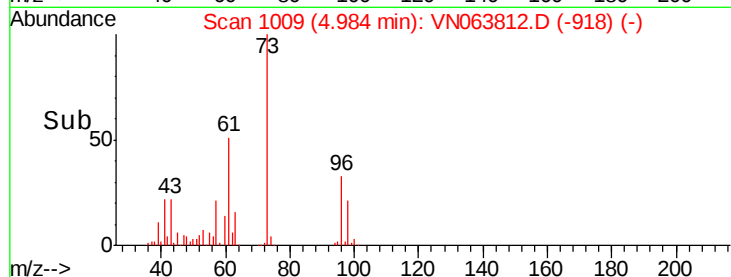
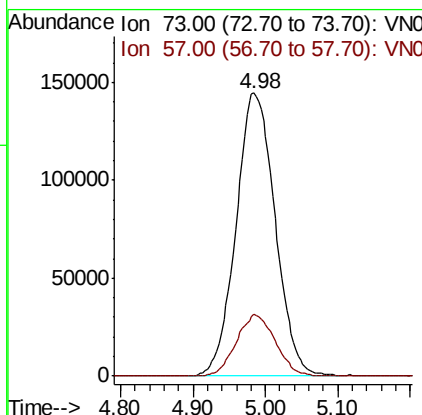
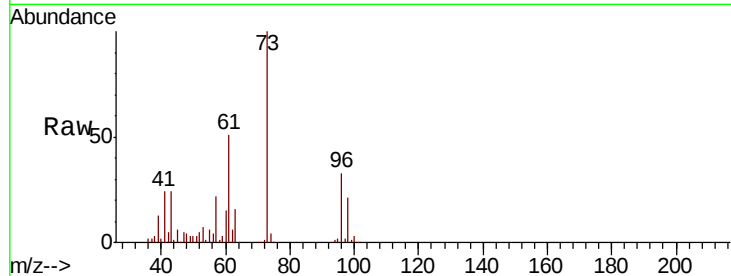




#19
Methyl tert-butyl Ether
Concen: 53.210 ug/l
RT: 4.98 min Scan# 1009
Delta R.T. -0.01 min
Lab File: VN063812.D
Acq: 2 Oct 2020 10:55

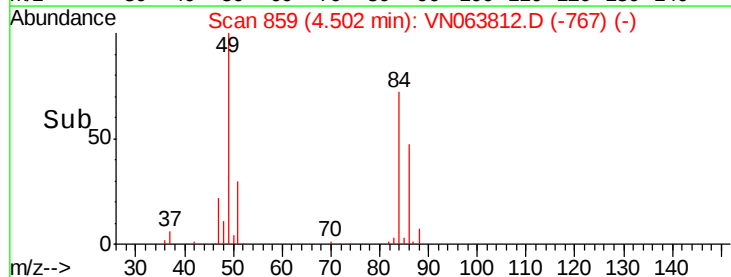
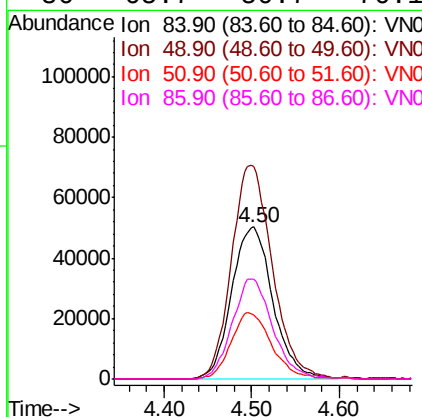
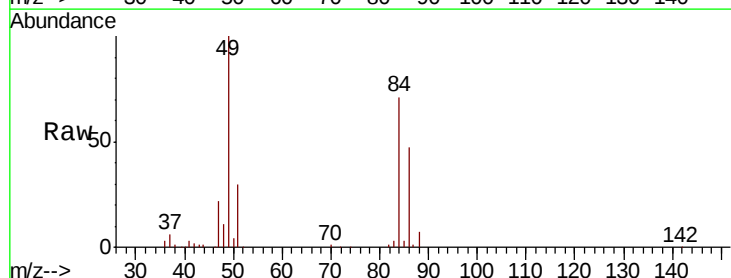
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

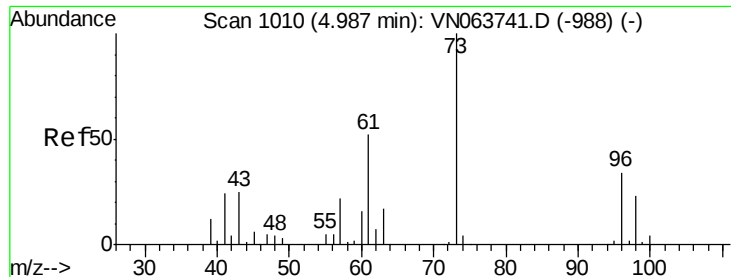
Tot Ion: 73 Resp: 540518
Ion Ratio Lower Upper
73 100
57 21.7 17.6 26.4



#20
Methylene Chloride
Concen: 51.082 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN063812.D
Acq: 2 Oct 2020 10:55

Tgt Ion: 84 Resp: 165223
Ion Ratio Lower Upper
84 100
49 140.0 110.4 165.6
51 41.8 33.3 49.9
86 65.7 50.7 76.1





#21

trans-1,2-Dichloroethene

Concen: 49.821 ug/l

RT: 4.98 min Scan# 1009

Delta R.T. -0.00 min

Lab File: VN063812.D

Acq: 2 Oct 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

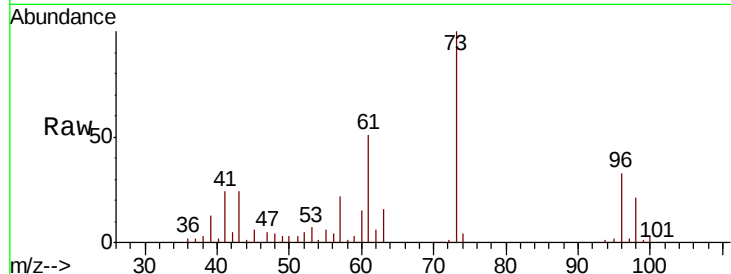
Tot Ion: 96 Resp: 156029

Ion Ratio Lower Upper

96 100

61 154.2 120.2 180.2

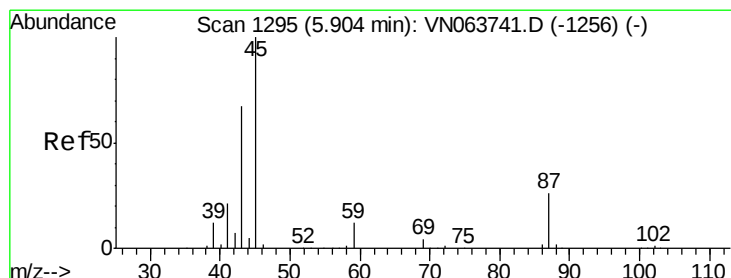
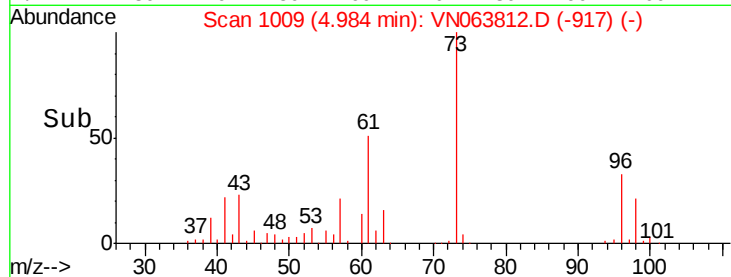
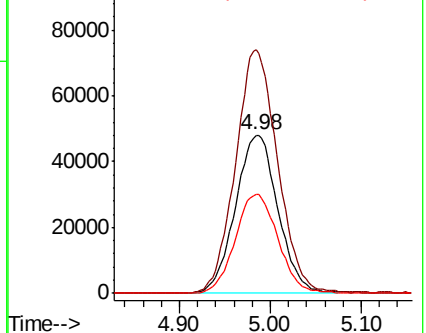
98 63.0 52.6 79.0



Abundance Ion 95.90 (95.60 to 96.60): VN063812.D (-917) (-)

Ion 60.90 (60.60 to 61.60): VN063812.D (-917) (-)

Ion 97.90 (97.60 to 98.60): VN063812.D (-917) (-)



#22

Diisopropyl ether

Concen: 53.981 ug/l

RT: 5.90 min Scan# 1293

Delta R.T. -0.01 min

Lab File: VN063812.D

Acq: 2 Oct 2020 10:55

Tgt Ion: 45 Resp: 576909

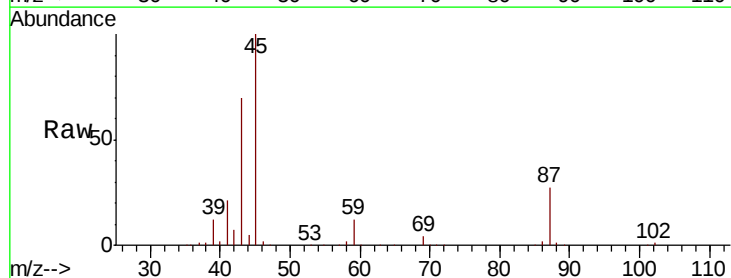
Ion Ratio Lower Upper

45 100

43 68.4 53.7 80.5

87 26.5 21.1 31.7

59 11.4 9.2 13.8

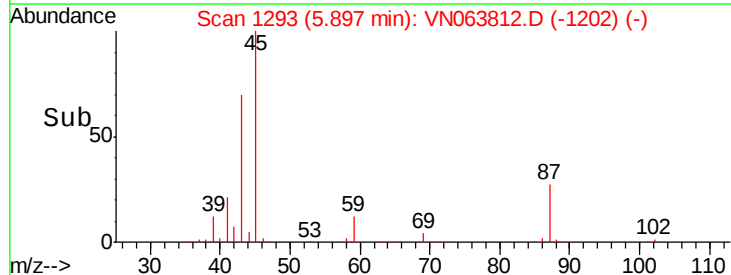
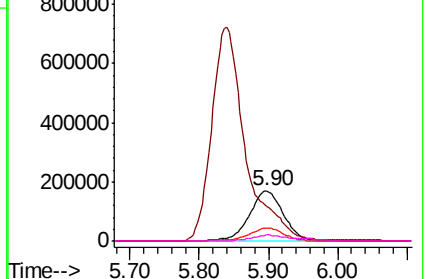


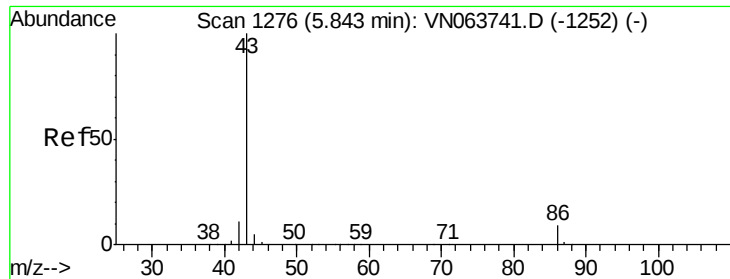
Abundance Ion 45.00 (44.70 to 45.70): VN063812.D (-1202) (-)

Ion 43.00 (42.70 to 43.70): VN063812.D (-1202) (-)

Ion 87.00 (86.70 to 87.70): VN063812.D (-1202) (-)

Ion 59.00 (58.70 to 59.70): VN063812.D (-1202) (-)

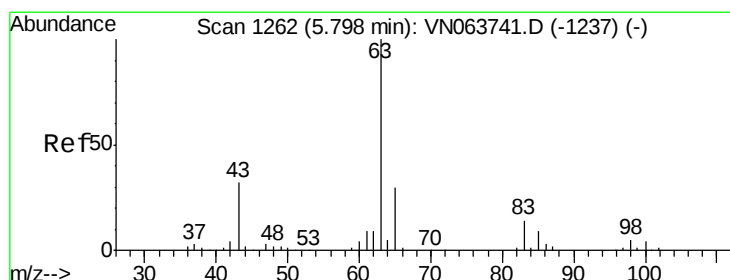
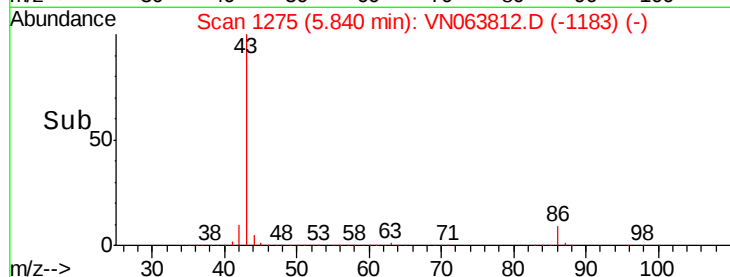
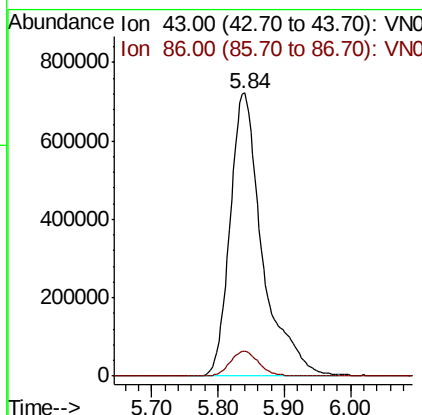
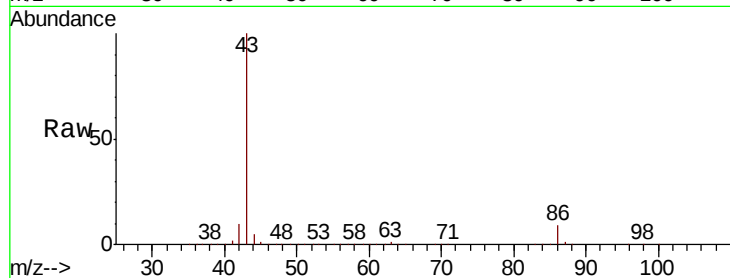




#23
 Vinyl Acetate
 Concen: 276.125 ug/l
 RT: 5.84 min Scan# 1275
 Delta R.T. -0.00 min
 Lab File: VN063812.D
 Acq: 2 Oct 2020 10:55

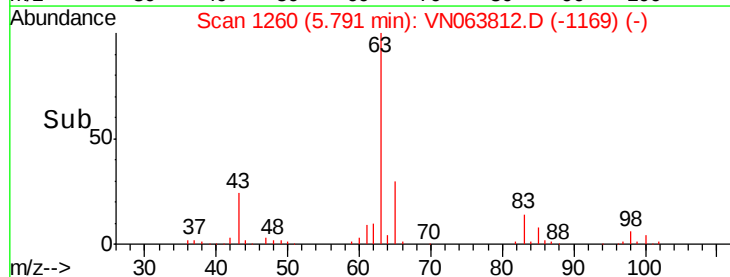
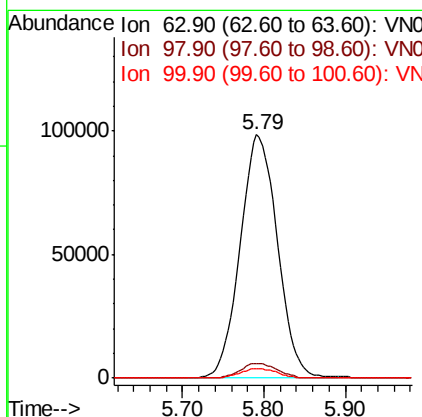
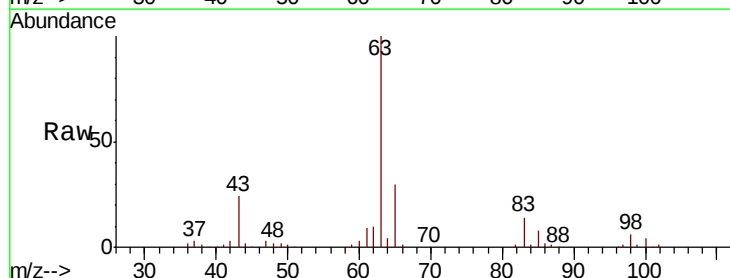
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 2444497
 Ion Ratio Lower Upper
 43 100
 86 8.8 7.3 10.9



#24
 1,1-Dichloroethane
 Concen: 50.989 ug/l
 RT: 5.79 min Scan# 1260
 Delta R.T. -0.01 min
 Lab File: VN063812.D
 Acq: 2 Oct 2020 10:55

Tgt Ion: 63 Resp: 311576
 Ion Ratio Lower Upper
 63 100
 98 6.0 2.7 8.1
 100 3.9 1.9 5.7

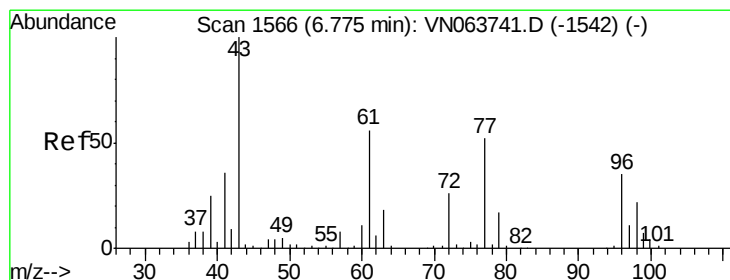
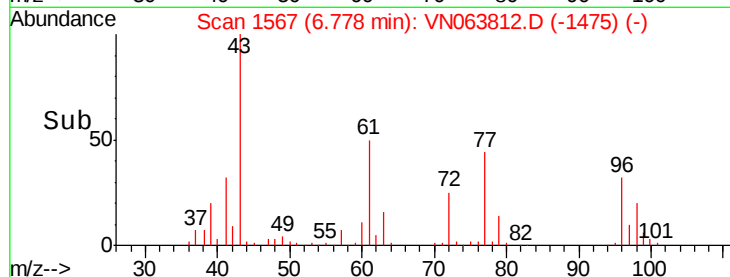
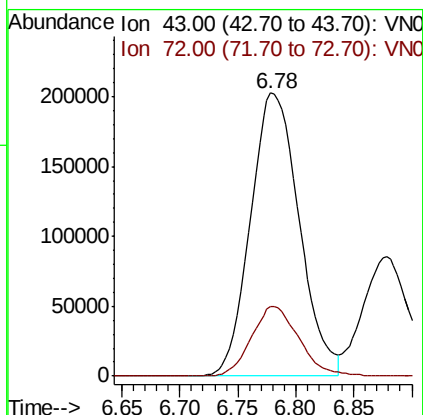
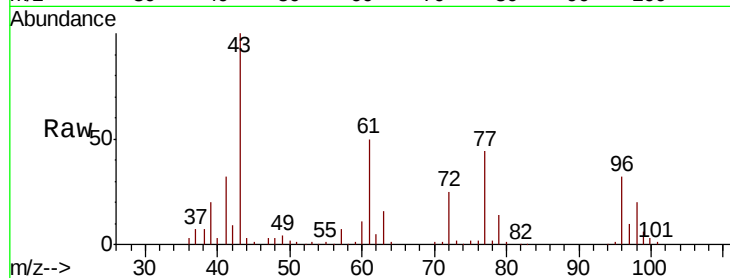




#25
2-Butanone
Concen: 294.876 ug/l
RT: 6.78 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VN063812.D
Acq: 2 Oct 2020 10:55

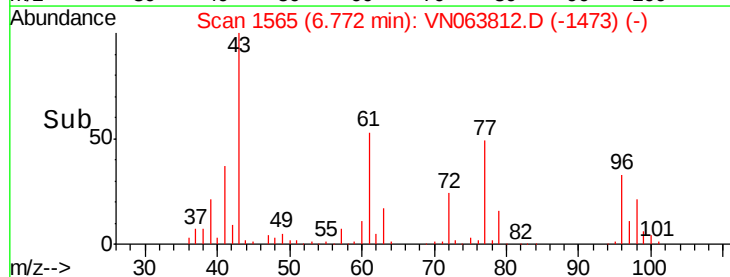
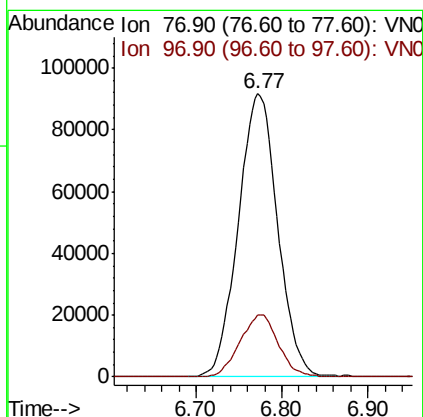
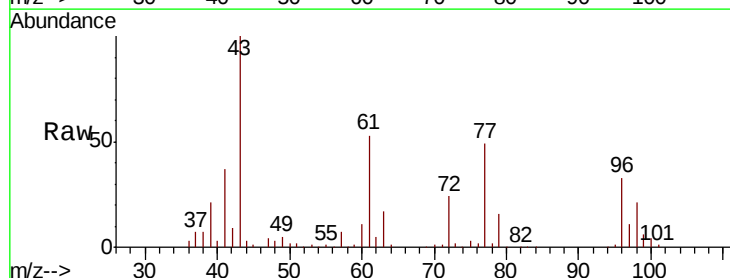
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

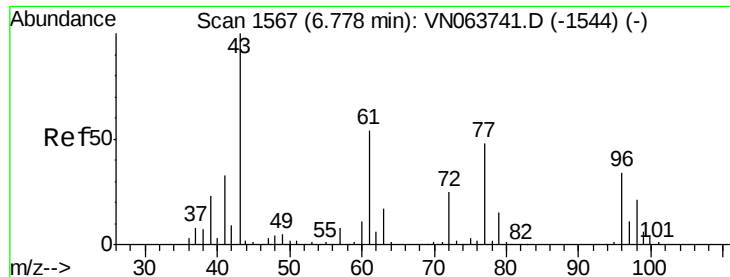
Tot Ion: 43 Resp: 590336
Ion Ratio Lower Upper
43 100
72 24.6 19.3 28.9



#26
2,2-Dichloropropane
Concen: 52.089 ug/l
RT: 6.77 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VN063812.D
Acq: 2 Oct 2020 10:55

Tgt Ion: 77 Resp: 291489
Ion Ratio Lower Upper
77 100
97 21.4 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 51.564 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN063812.D

Acq: 2 Oct 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

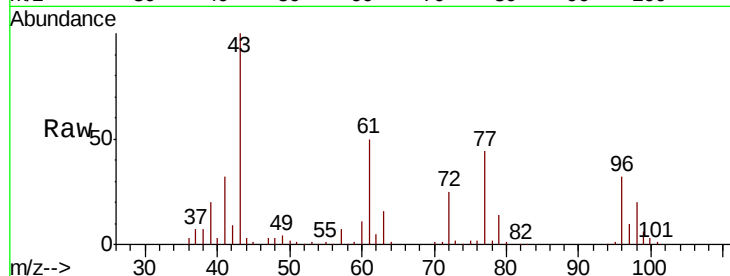
Tot Ion: 96 Resp: 185727

Ion Ratio Lower Upper

96 100

61 161.7 0.0 321.2

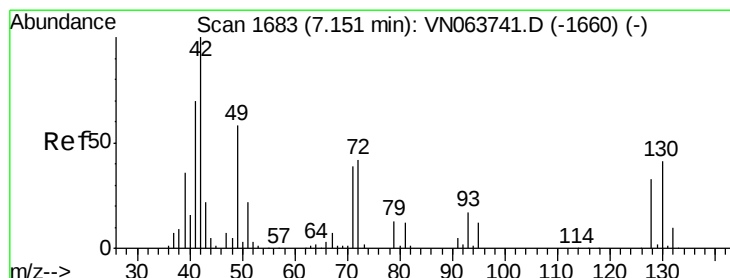
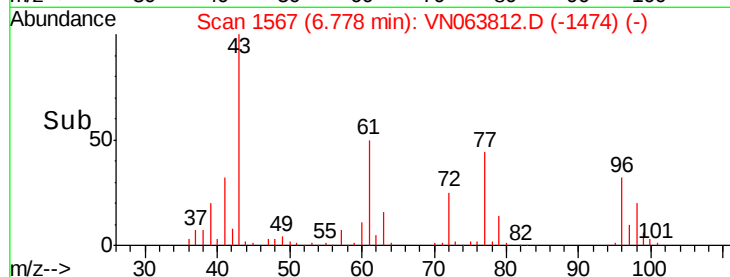
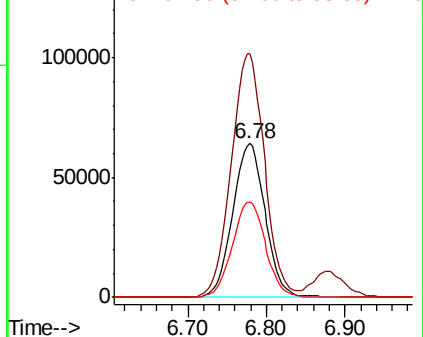
98 63.2 0.0 124.4



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 47.641 ug/l

RT: 7.14 min Scan# 1681

Delta R.T. -0.01 min

Lab File: VN063812.D

Acq: 2 Oct 2020 10:55

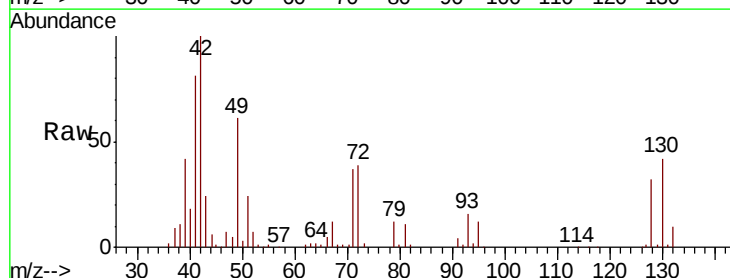
Tgt Ion: 49 Resp: 143885

Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.8

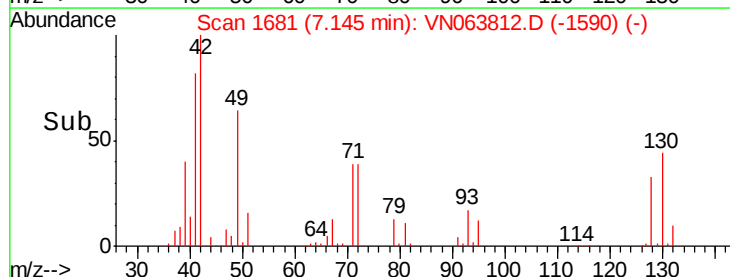
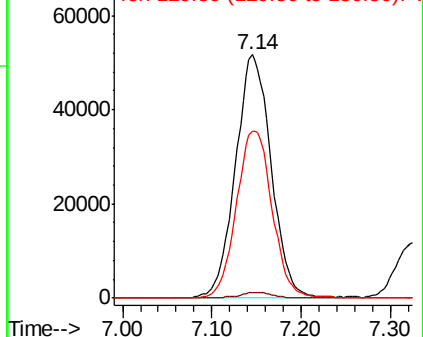
130 68.5 55.6 83.4

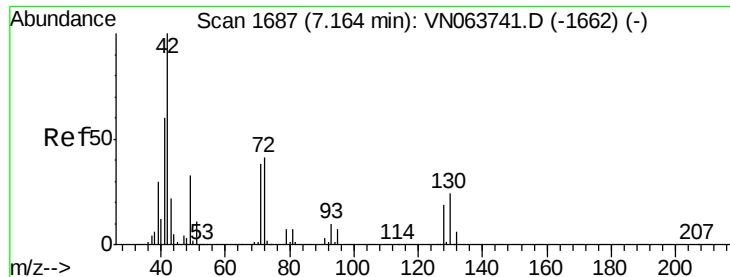


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 283.223 ug/l

RT: 7.16 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VN063812.D

Acq: 2 Oct 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

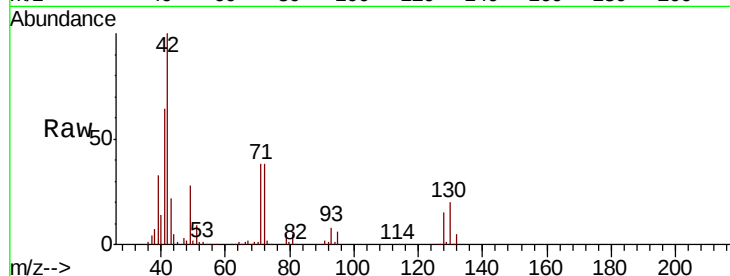
Tot Ion: 42 Resp: 380288

Ion Ratio Lower Upper

42 100

72 39.0 32.8 49.2

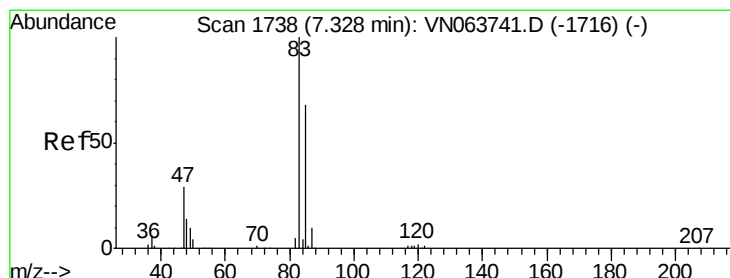
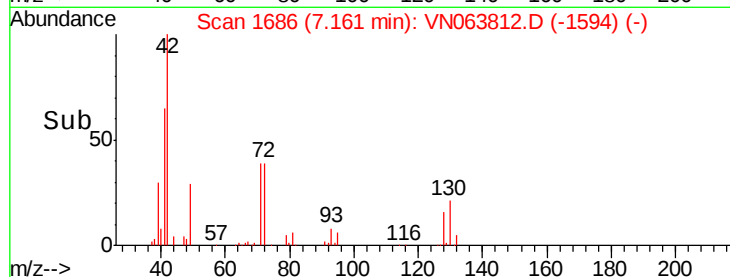
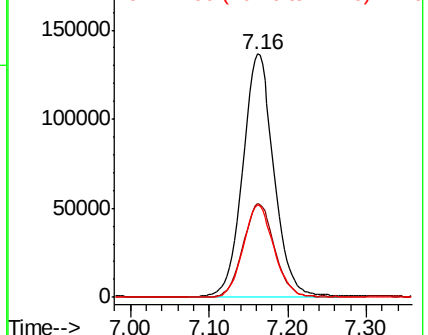
71 37.8 30.6 45.8



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 51.847 ug/l

RT: 7.33 min Scan# 1738

Delta R.T. 0.00 min

Lab File: VN063812.D

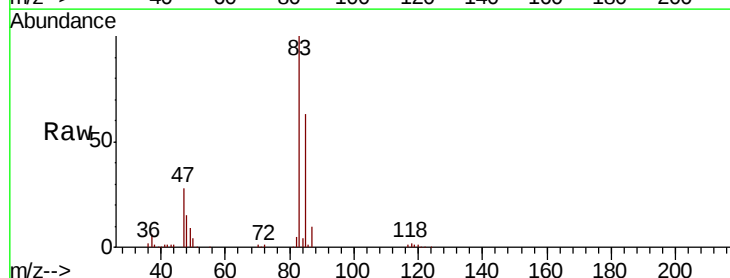
Acq: 2 Oct 2020 10:55

Tgt Ion: 83 Resp: 330343

Ion Ratio Lower Upper

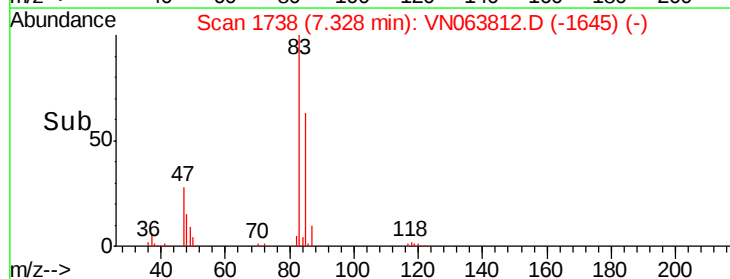
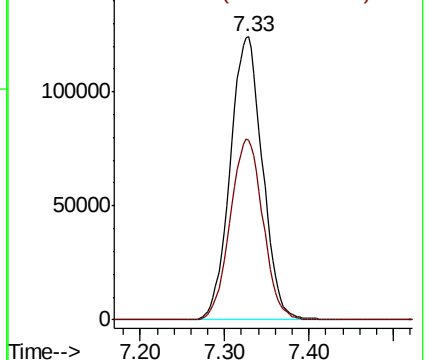
83 100

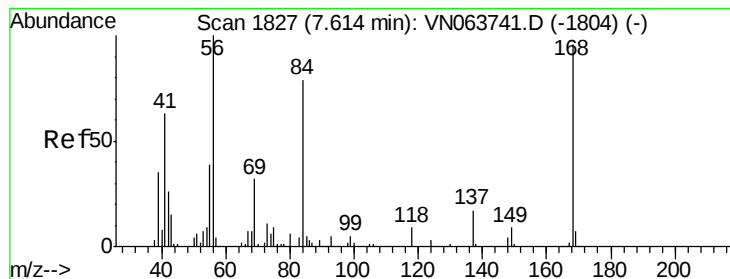
85 63.3 54.6 82.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 48.434 ug/l

RT: 7.61 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN063812.D

Acq: 2 Oct 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

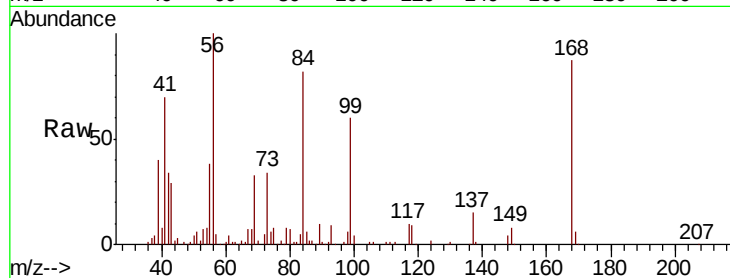
Tot Ion: 56 Resp: 257932

Ion Ratio Lower Upper

56 100

69 33.1 25.4 38.2

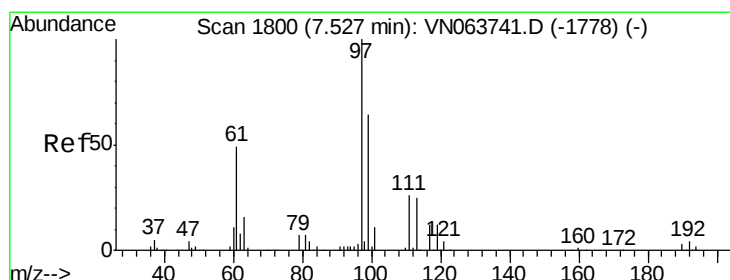
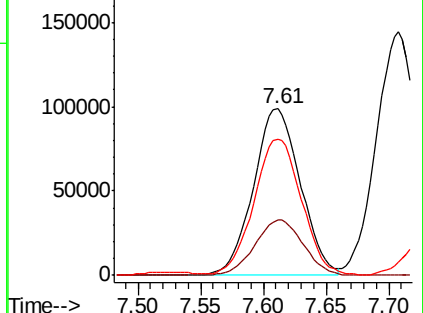
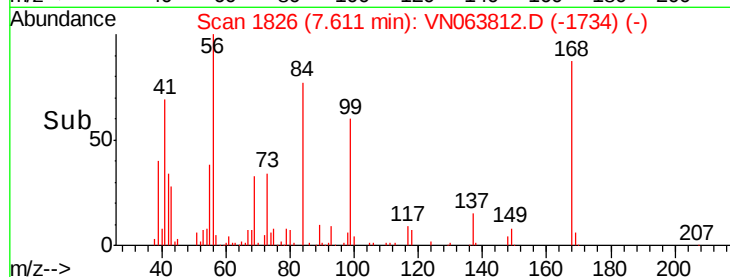
84 80.6 63.3 94.9



Abundance Ion 56.00 (55.70 to 56.70): VN063812.D (-1734) (-)

Ion 69.00 (68.70 to 69.70): VN063812.D (-1734) (-)

Ion 84.00 (83.70 to 84.70): VN063812.D (-1734) (-)



#32

1,1,1-Trichloroethane

Concen: 52.253 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VN063812.D

Acq: 2 Oct 2020 10:55

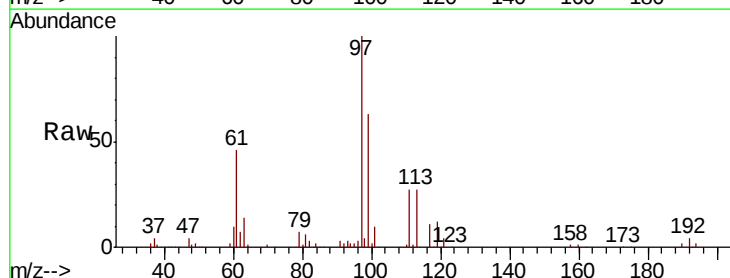
Tgt Ion: 97 Resp: 300294

Ion Ratio Lower Upper

97 100

99 64.1 51.0 76.6

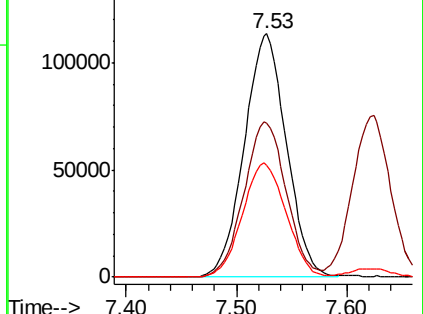
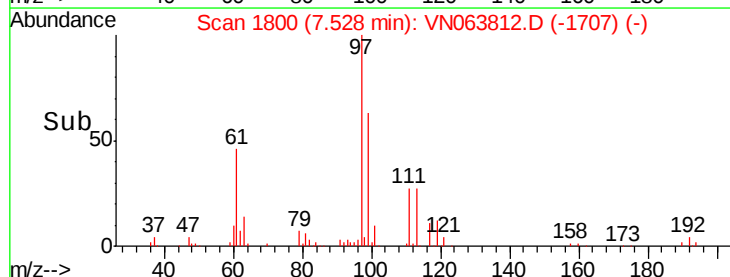
61 48.7 38.7 58.1

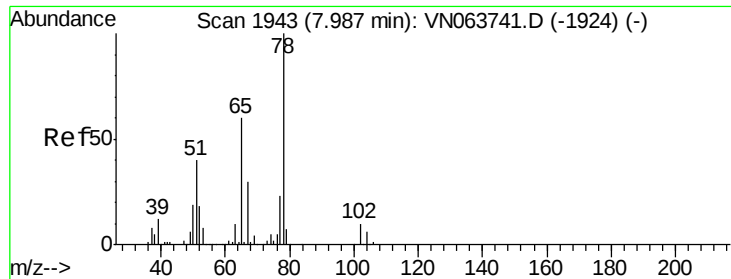


Abundance Ion 96.90 (96.60 to 97.60): VN063812.D (-1707) (-)

Ion 98.90 (98.60 to 99.60): VN063812.D (-1707) (-)

Ion 60.90 (60.60 to 61.60): VN063812.D (-1707) (-)





#33

1,2-Dichloroethane-d4

Concen: 45.748 ug/l

RT: 7.98 min Scan# 1942

Delta R.T. -0.00 min

Lab File: VN063812.D

Acq: 2 Oct 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

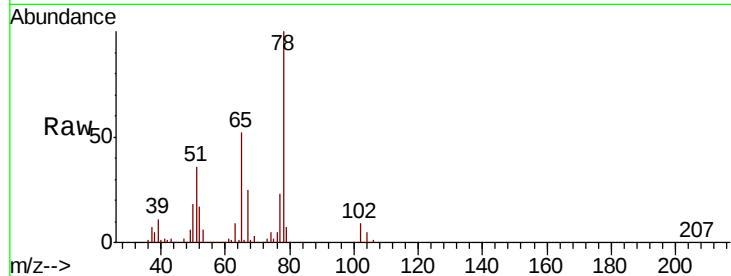
VSTDCCC050

Tot Ion: 65 Resp: 209852

Ion Ratio Lower Upper

65 100

67 49.0 0.0 99.6



Abundance Ion 64.90 (64.60 to 65.60): VN063741.D (-1924) (-)

Ion 66.90 (66.60 to 67.60): VN063741.D (-1924) (-)

7.98

80000

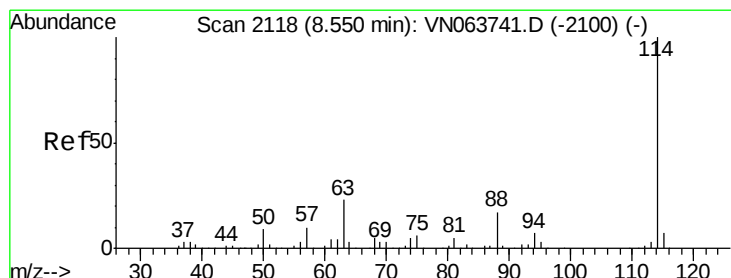
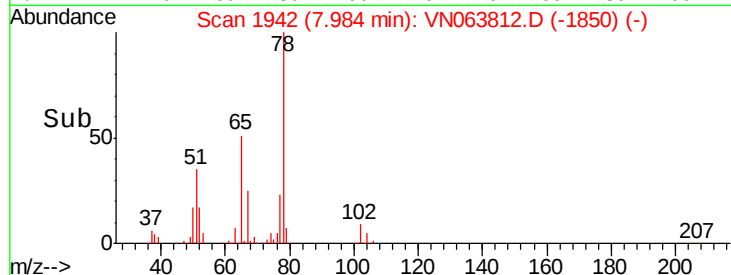
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2117

Delta R.T. -0.00 min

Lab File: VN063812.D

Acq: 2 Oct 2020 10:55

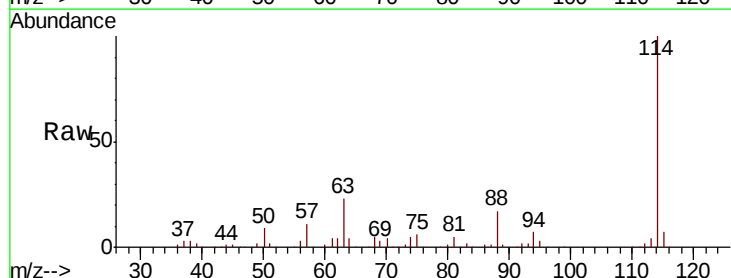
Tgt Ion:114 Resp: 440678

Ion Ratio Lower Upper

114 100

63 23.2 0.0 45.0

88 17.1 0.0 34.0



Abundance Ion 113.90 (113.60 to 114.60): VN063741.D (-2100) (-)

Ion 63.00 (62.70 to 63.70): VN063741.D (-2100) (-)

Ion 87.90 (87.60 to 88.60): VN063741.D (-2100) (-)

8.55

250000

200000

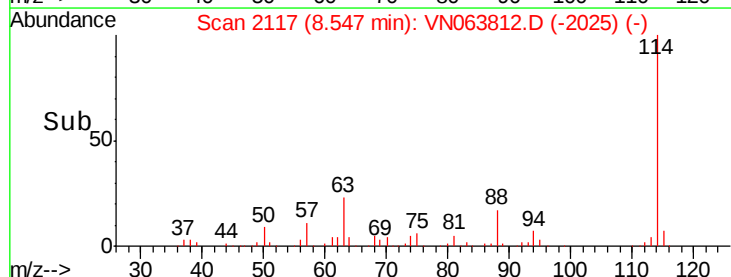
150000

100000

50000

0

Time-->

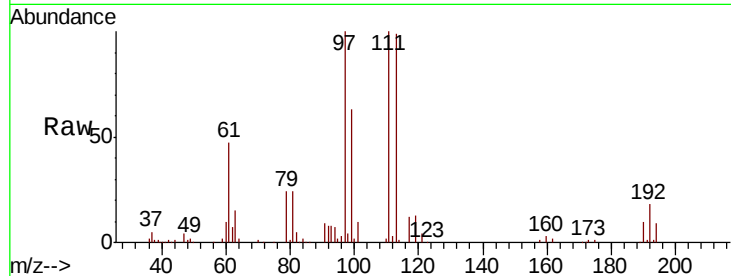




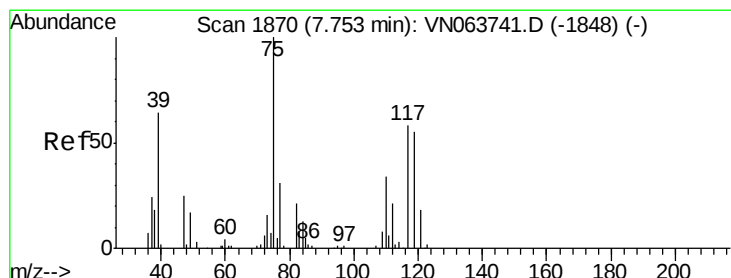
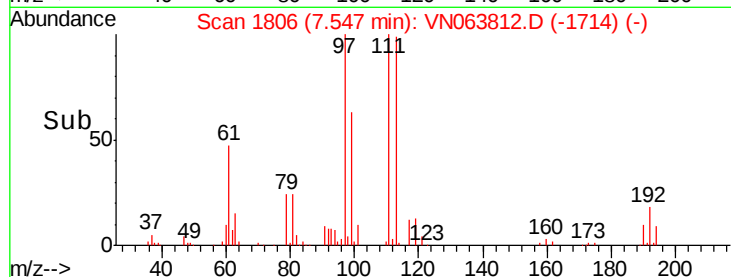
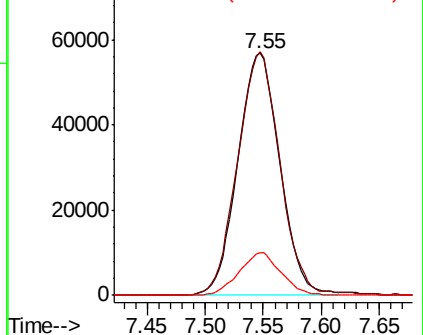
#35
 Dibromofluoromethane
 Concen: 46.918 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN063812.D
 Acq: 2 Oct 2020 10:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:113 Resp: 143464
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.8 122.8
 192 17.6 14.2 21.2

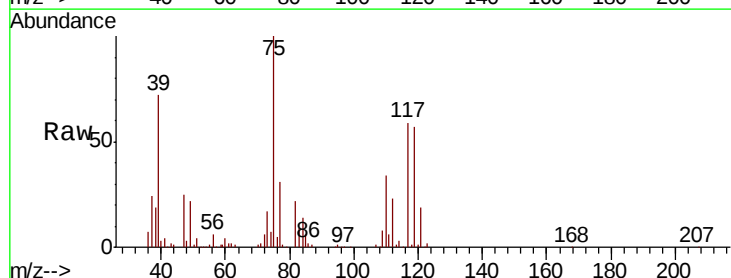


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

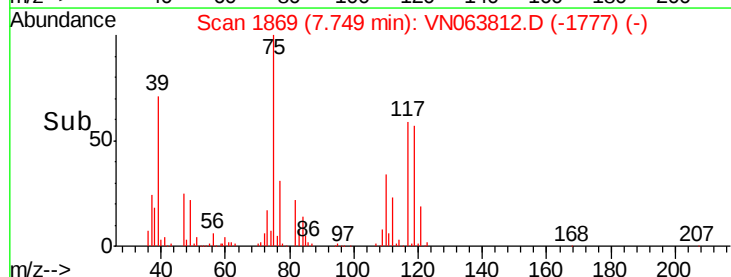
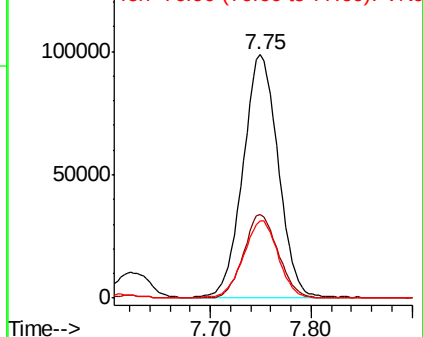


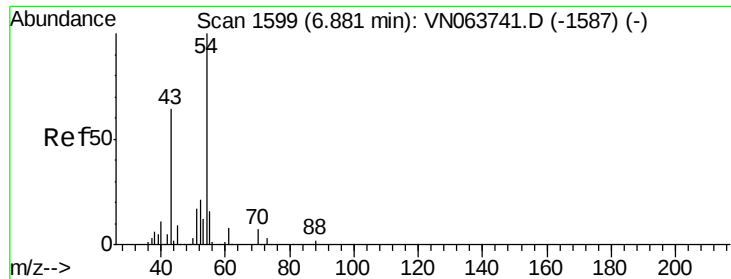
#36
 1,1-Dichloropropene
 Concen: 53.207 ug/l
 RT: 7.75 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VN063812.D
 Acq: 2 Oct 2020 10:55

Tgt Ion: 75 Resp: 237543
 Ion Ratio Lower Upper
 75 100
 110 33.9 16.9 50.6
 77 31.5 24.5 36.7



Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VN0

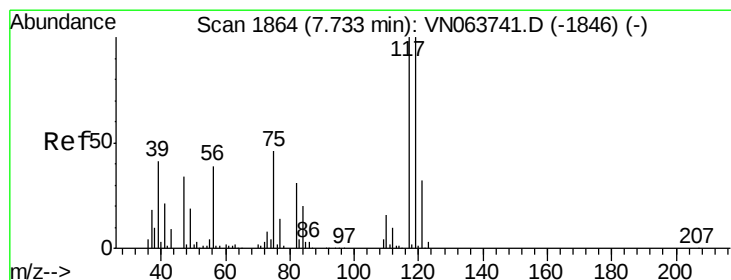
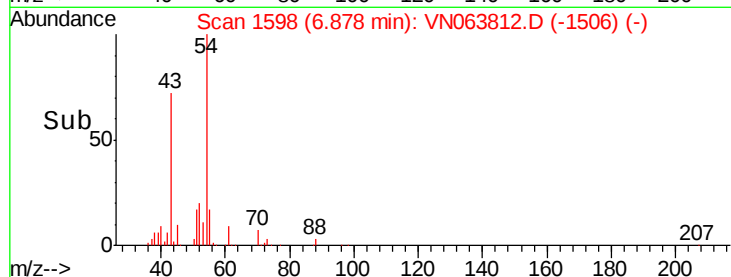
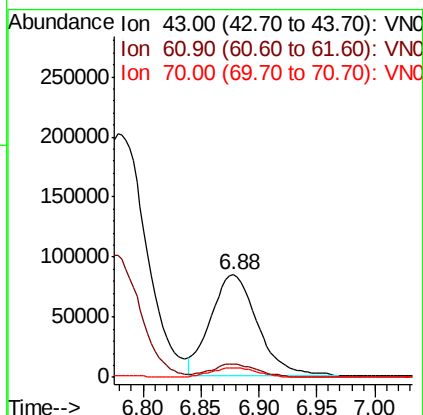
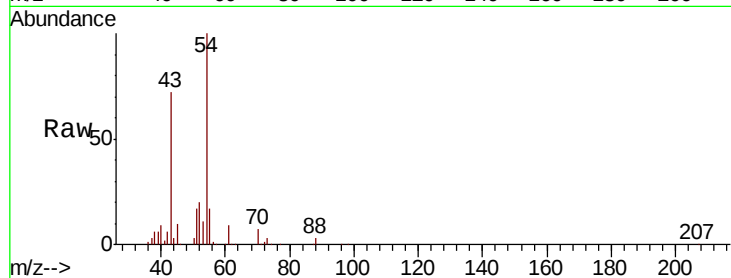




#37
Ethyl Acetate
Concen: 53.517 ug/l
RT: 6.88 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VN063812.D
Acq: 2 Oct 2020 10:55

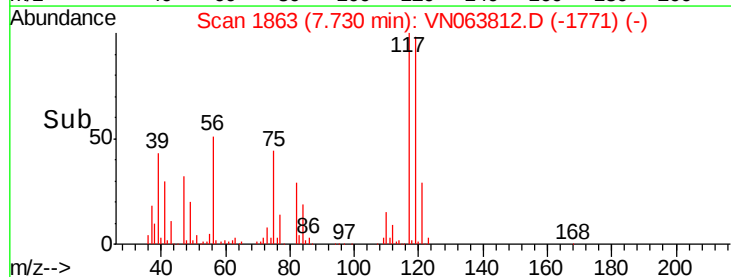
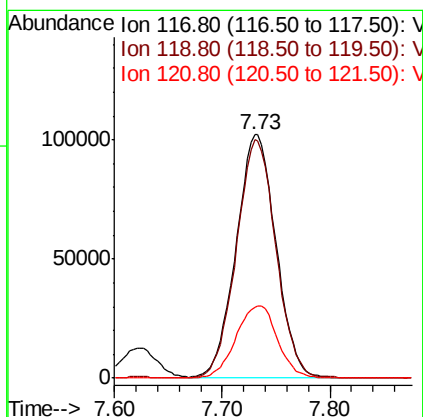
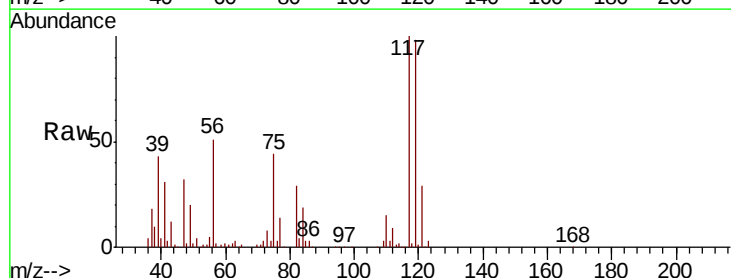
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

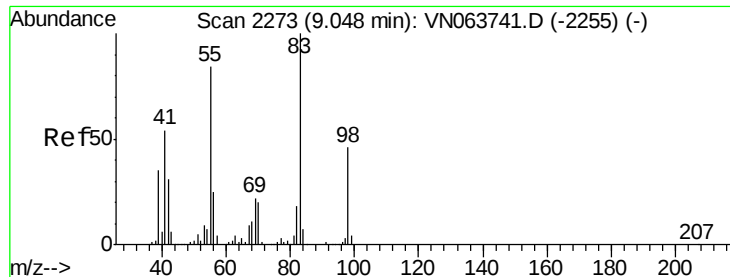
Tot Ion: 43 Resp: 237376
Ion Ratio Lower Upper
43 100
61 12.7 10.4 15.6
70 8.8 7.3 10.9



#38
Carbon Tetrachloride
Concen: 52.174 ug/l
RT: 7.73 min Scan# 1863
Delta R.T. -0.00 min
Lab File: VN063812.D
Acq: 2 Oct 2020 10:55

Tgt Ion: 117 Resp: 261198
Ion Ratio Lower Upper
117 100
119 98.1 80.1 120.1
121 29.0 25.7 38.5

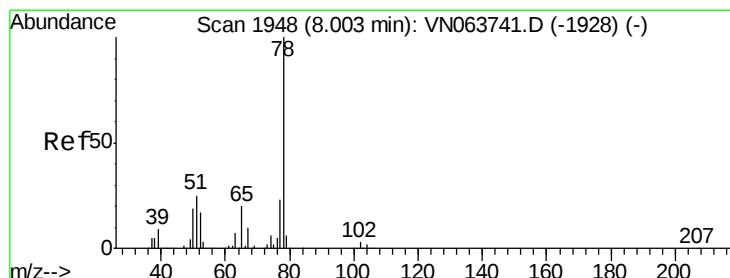
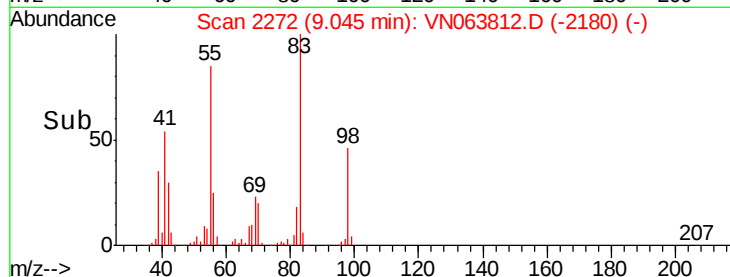
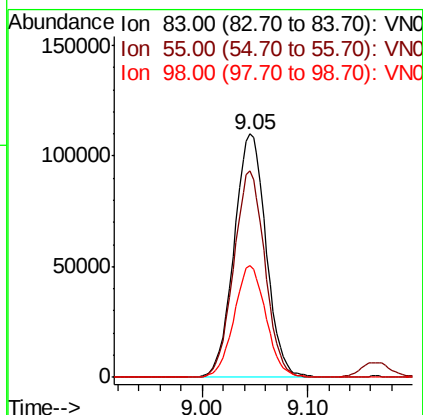
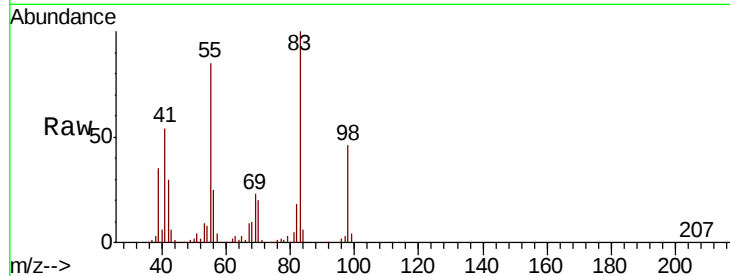




#39
Methvlcvclohexane
Concen: 51.976 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN063812.D
Acq: 2 Oct 2020 10:55

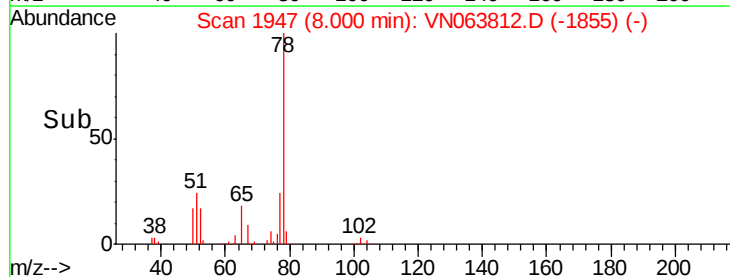
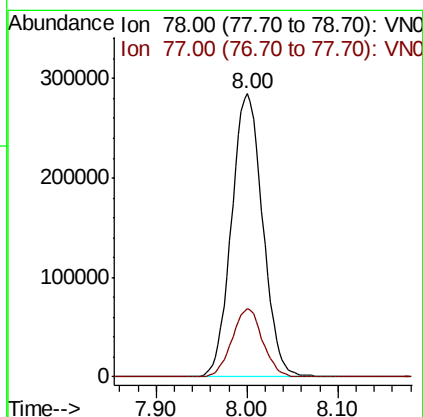
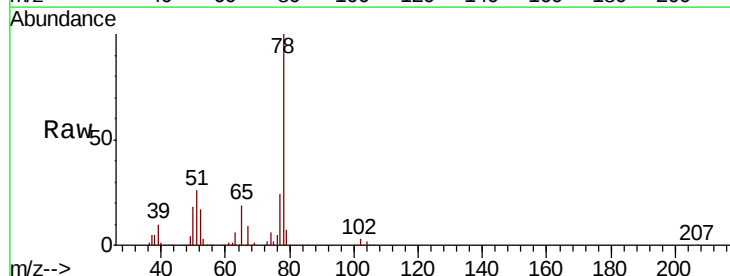
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

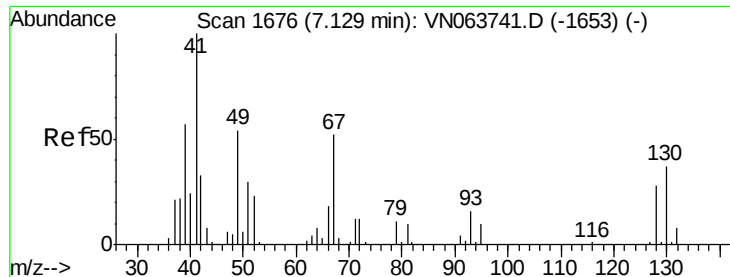
Tot Ion: 83 Resp: 231403
Ion Ratio Lower Upper
83 100
55 85.0 67.1 100.7
98 45.8 36.6 54.8



#40
Benzene
Concen: 53.320 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN063812.D
Acq: 2 Oct 2020 10:55

Tgt Ion: 78 Resp: 679921
Ion Ratio Lower Upper
78 100
77 24.3 18.7 28.1

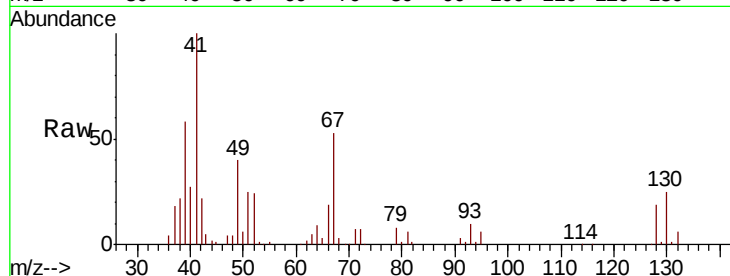




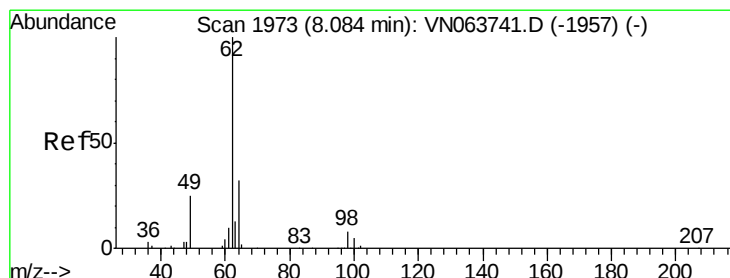
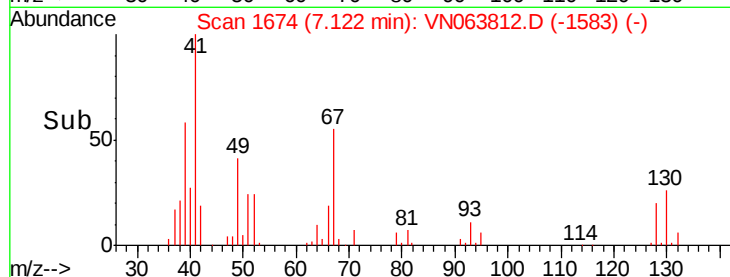
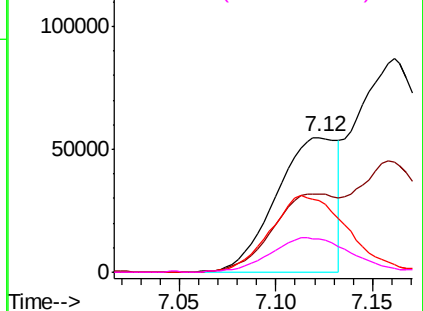
#41
Methacrylonitrile
Concen: 60.673 ug/l
RT: 7.12 min Scan# 1674
Delta R.T. -0.01 min
Lab File: VN063812.D
Acq: 2 Oct 2020 10:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	119607
Ion	Ratio	Lower	Upper
41	100		
39	60.2	42.5	63.7
67	72.8	57.4	86.2
52	34.7	26.9	40.3

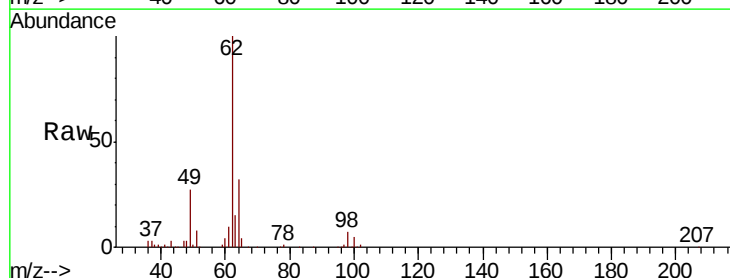


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

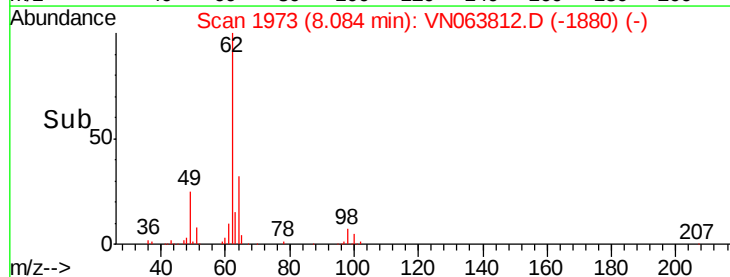
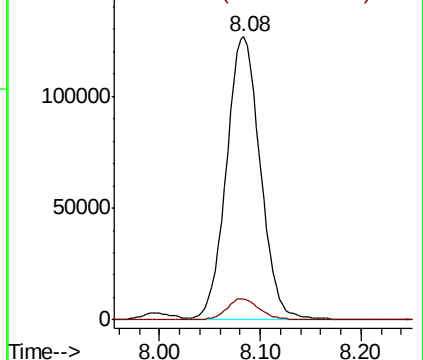


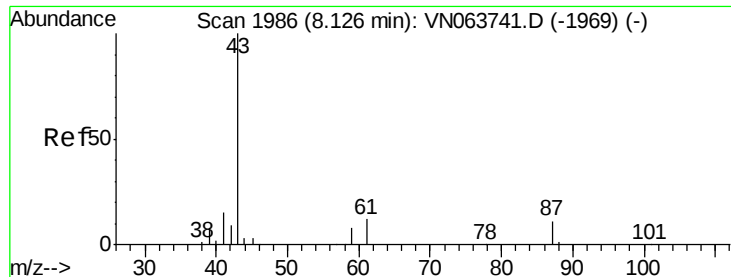
#42
1,2-Dichloroethane
Concen: 54.176 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VN063812.D
Acq: 2 Oct 2020 10:55

Tgt Ion:	62	Resp:	294893
Ion	Ratio	Lower	Upper
62	100		
98	7.3	0.0	15.0



Abundance Ion 61.90 (61.60 to 62.60): VNO
Ion 97.90 (97.60 to 98.60): VNO





#43

Isopropyl Acetate

Concen: 57.289 ug/l

RT: 8.12 min Scan# 1985

Delta R.T. -0.00 min

Lab File: VN063812.D

Acq: 2 Oct 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

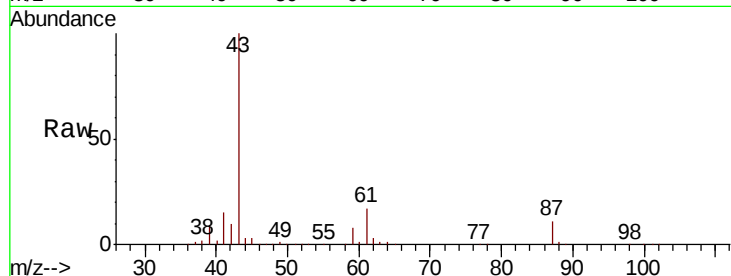
Tot Ion: 43 Resp: 419137

Ion Ratio Lower Upper

43 100

61 23.6 14.2 21.4#

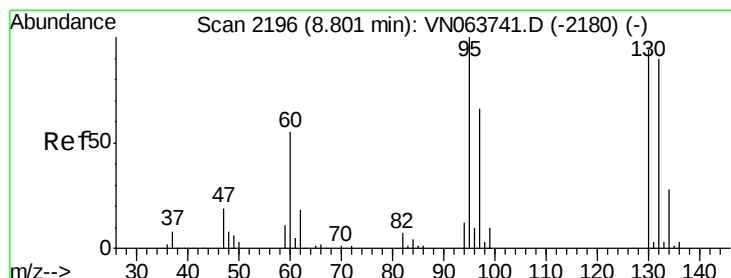
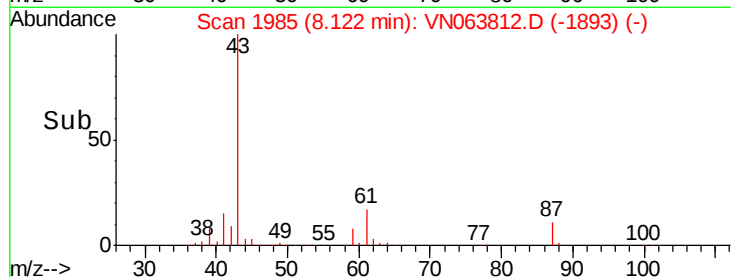
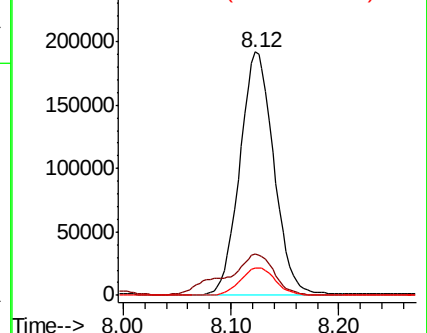
87 11.8 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VN063812.D (-2103) (-)

Ion 61.00 (60.70 to 61.70): VN063812.D (-2103) (-)

Ion 87.00 (86.70 to 87.70): VN063812.D (-2103) (-)



#44

Trichloroethene

Concen: 53.012 ug/l

RT: 8.80 min Scan# 2195

Delta R.T. -0.00 min

Lab File: VN063812.D

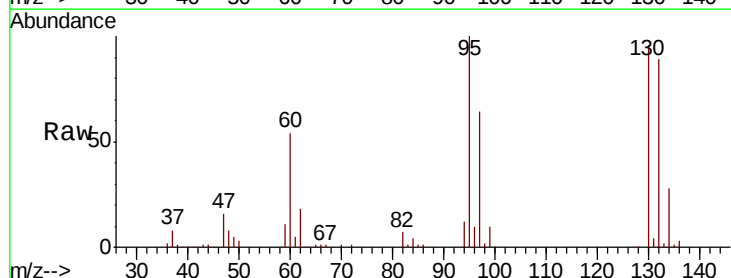
Acq: 2 Oct 2020 10:55

Tgt Ion:130 Resp: 177121

Ion Ratio Lower Upper

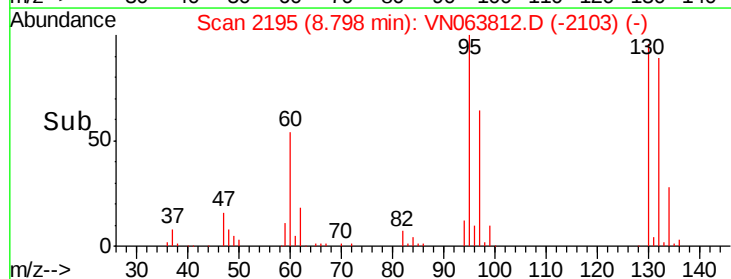
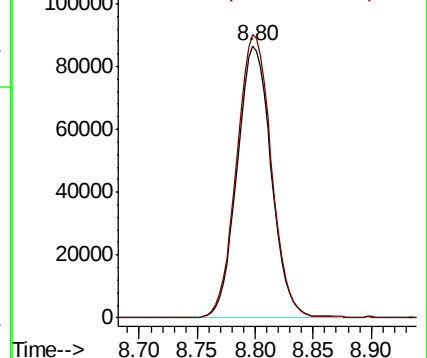
130 100

95 104.1 0.0 213.6



Abundance Ion 129.80 (129.50 to 130.50): VN063812.D (-2103) (-)

Ion 94.90 (94.60 to 95.60): VN063812.D (-2103) (-)

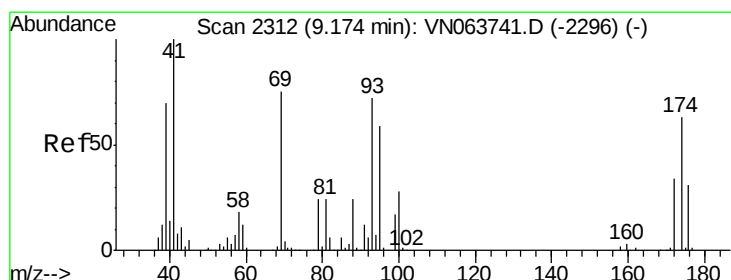
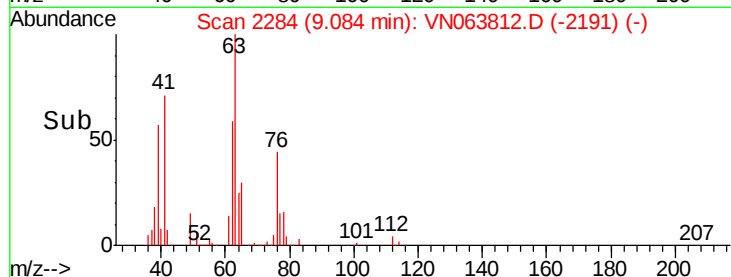
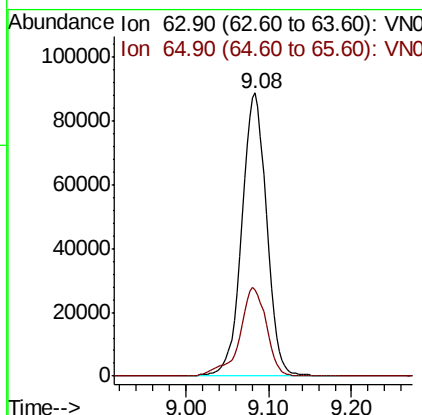
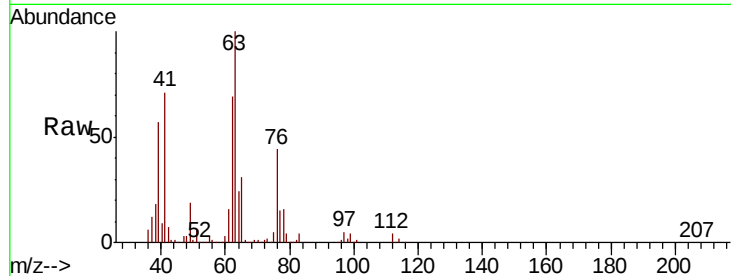




#45
 1,2-Dichloropropane
 Concen: 53.740 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN063812.D
 Acq: 2 Oct 2020 10:55

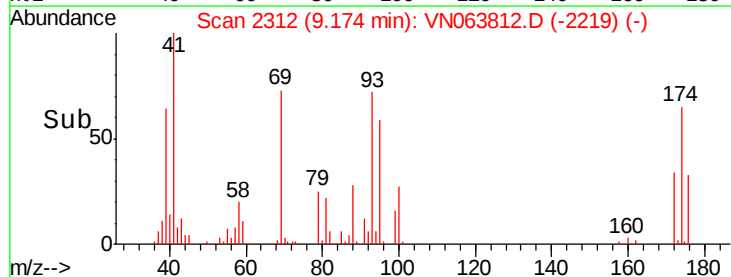
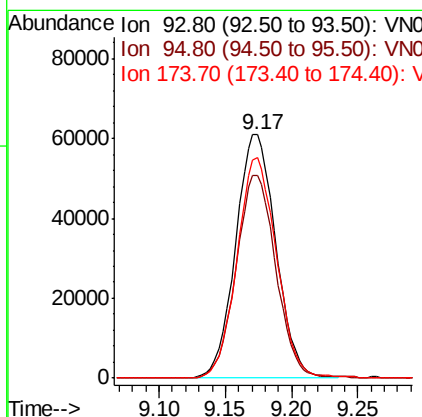
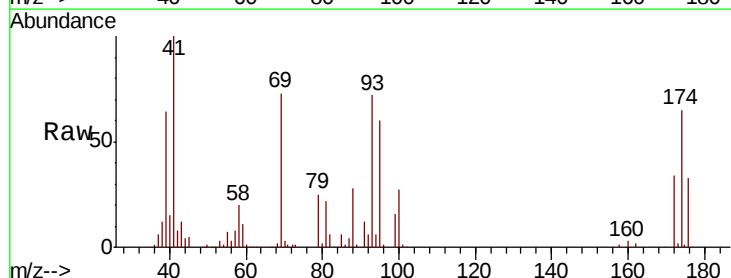
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

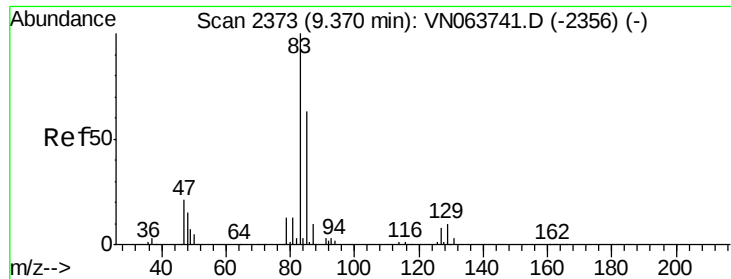
Tot Ion: 63 Resp: 185072
 Ion Ratio Lower Upper
 63 100
 65 30.6 24.7 37.1



#46
 Dibromomethane
 Concen: 53.986 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN063812.D
 Acq: 2 Oct 2020 10:55

Tgt Ion: 93 Resp: 128256
 Ion Ratio Lower Upper
 93 100
 95 82.3 66.3 99.5
 174 89.3 72.7 109.1





#47

Bromodichloromethane

Concen: 55.392 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN063812.D

Acq: 2 Oct 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

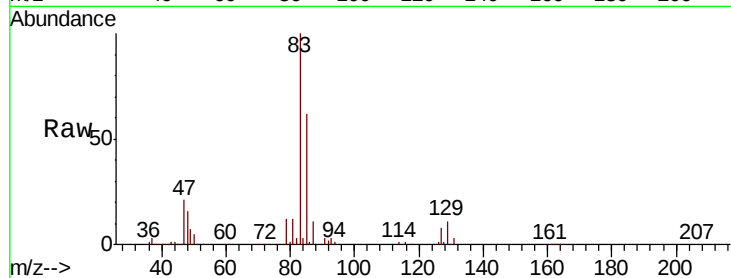
Tot Ion: 83 Resp: 271213

Ion Ratio Lower Upper

83 100

85 61.9 50.6 75.8

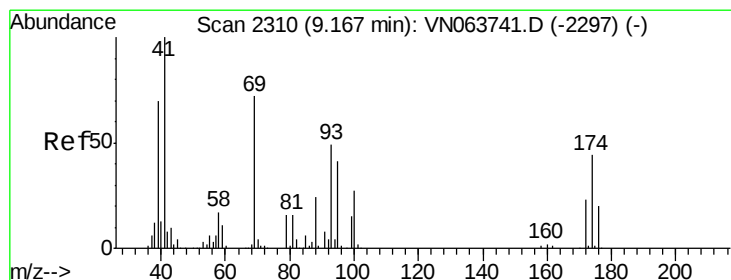
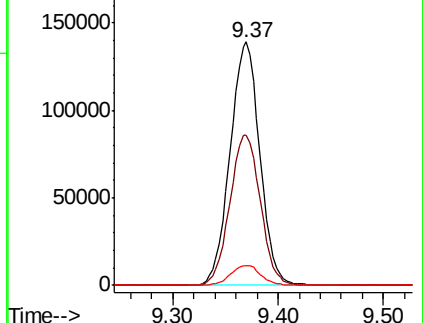
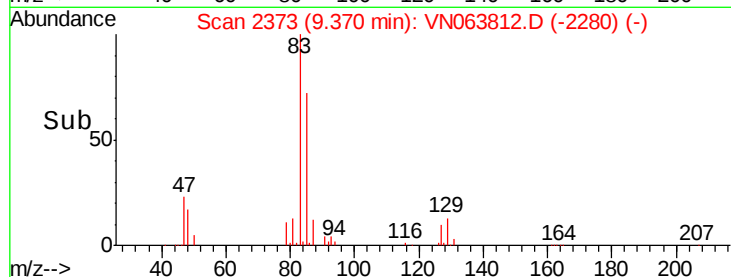
127 8.2 6.6 9.8



Abundance Ion 82.90 (82.60 to 83.60): VN063812.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN063812.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN063812.D (-2280) (-)



#48

Methyl methacrylate

Concen: 57.669 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN063812.D

Acq: 2 Oct 2020 10:55

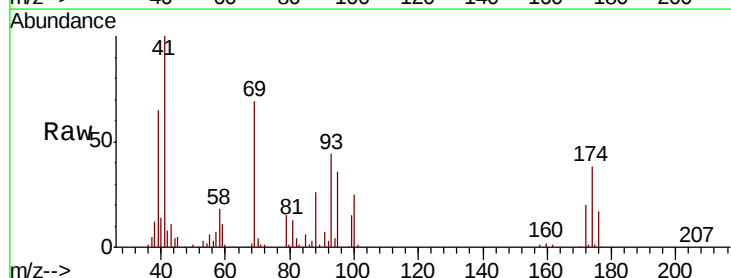
Tgt Ion: 41 Resp: 208456

Ion Ratio Lower Upper

41 100

69 73.4 60.9 91.3

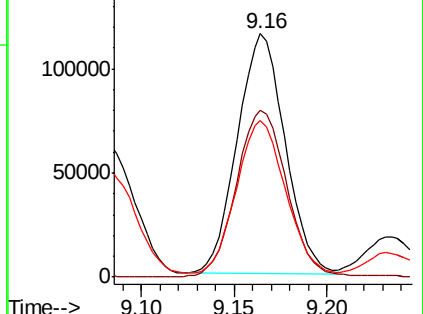
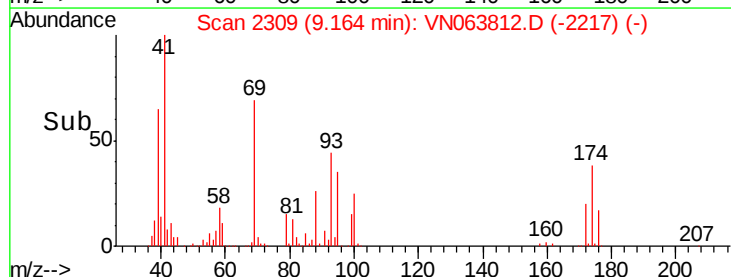
39 68.0 57.5 86.3

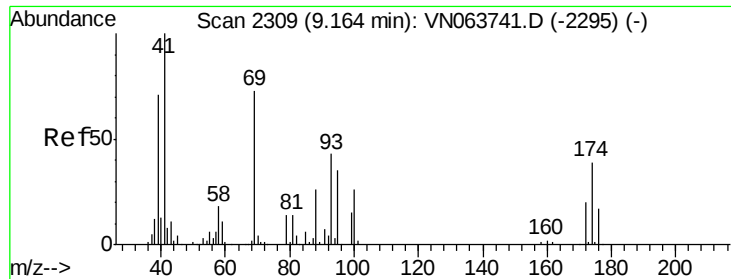


Abundance Ion 41.00 (40.70 to 41.70): VN063812.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN063812.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN063812.D (-2217) (-)





#49

1,4-Dioxane

Concen: 1215.513 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN063812.D

Acq: 2 Oct 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

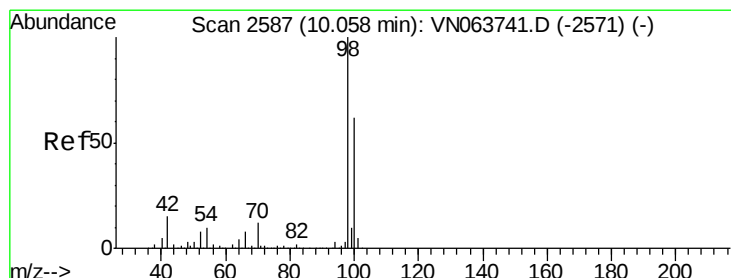
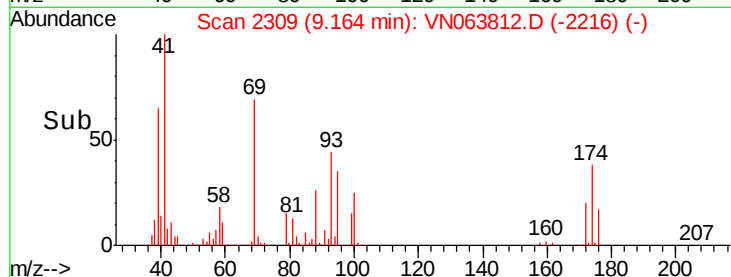
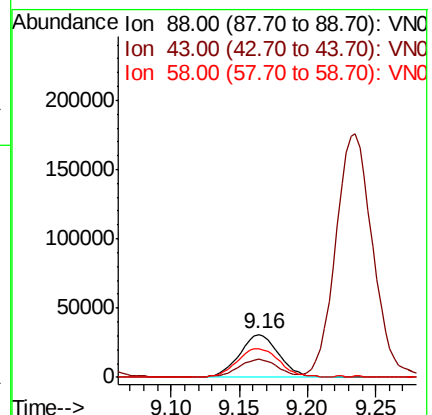
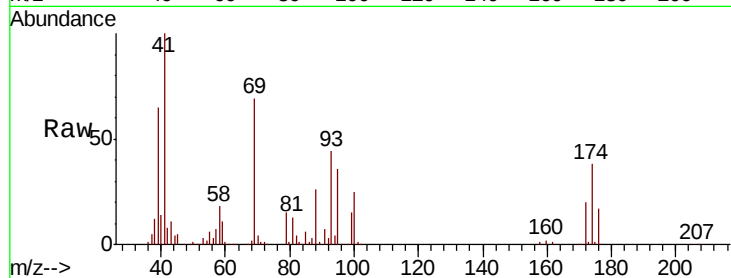
Tot Ion: 88 Resp: 62444

Ion Ratio Lower Upper

88 100

43 40.9 33.1 49.7

58 72.0 58.9 88.3



#50

Toluene-d8

Concen: 46.969 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN063812.D

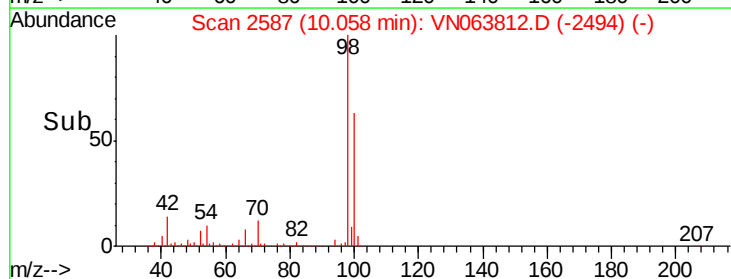
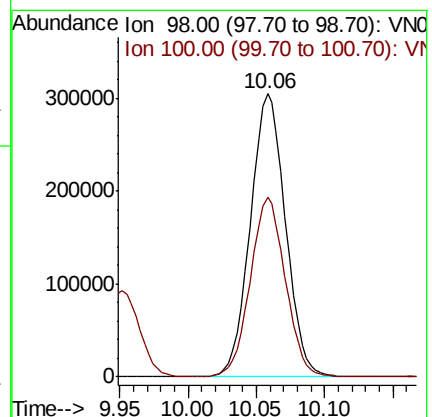
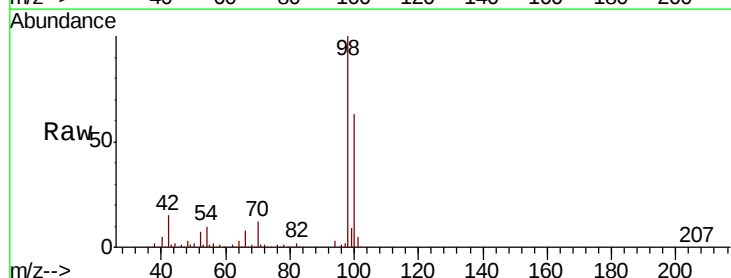
Acq: 2 Oct 2020 10:55

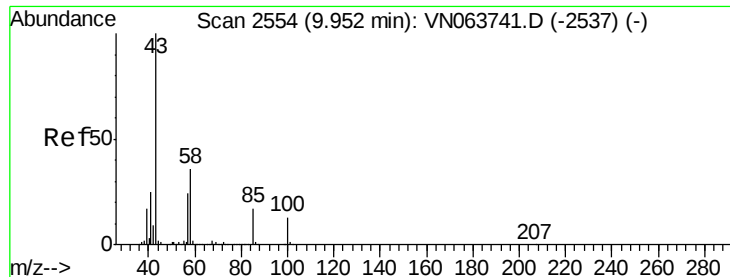
Tgt Ion: 98 Resp: 544452

Ion Ratio Lower Upper

98 100

100 63.2 49.8 74.6





#51

4-Methyl-2-Pentanone

Concen: 299.052 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN063812.D

Acq: 2 Oct 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

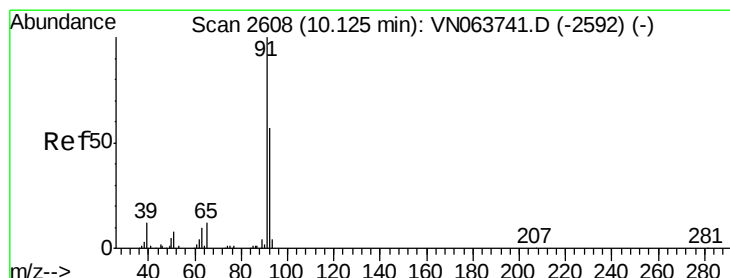
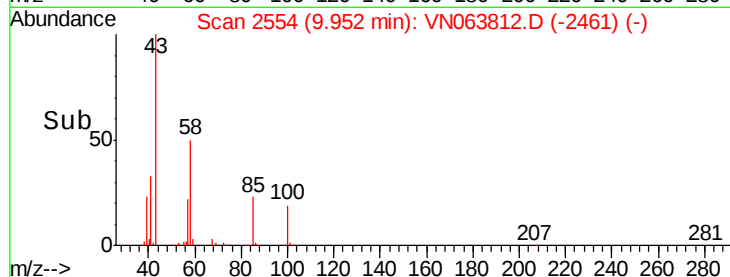
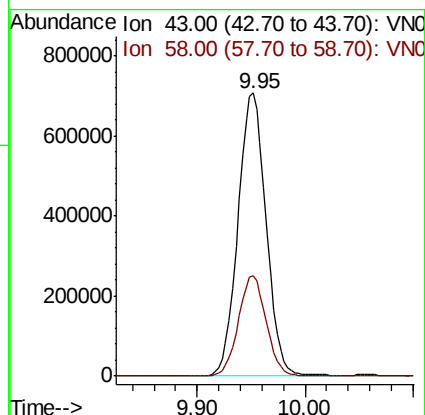
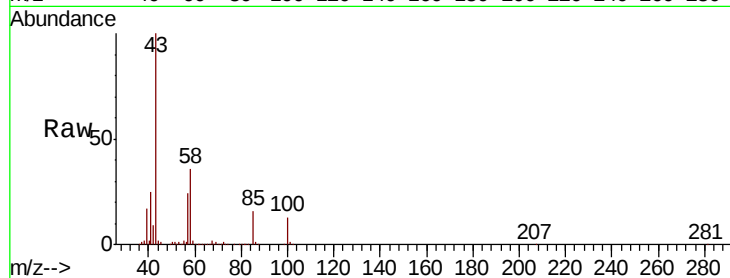
VSTDCCC050

Tot Ion: 43 Resp: 1283978

Ion Ratio Lower Upper

43 100

58 35.2 28.4 42.6



#52

Toluene

Concen: 55.072 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN063812.D

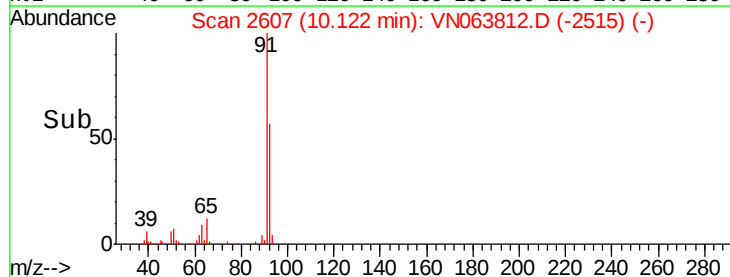
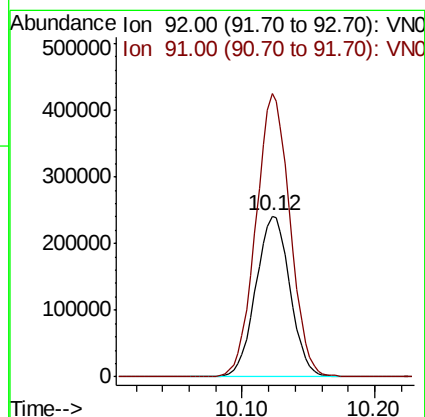
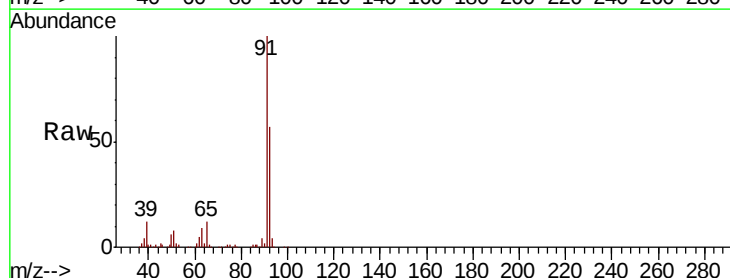
Acq: 2 Oct 2020 10:55

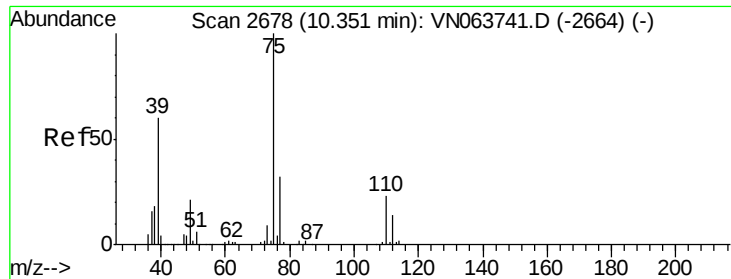
Tgt Ion: 92 Resp: 434373

Ion Ratio Lower Upper

92 100

91 175.8 140.6 210.8





#53

t-1,3-Dichloropropene

Concen: 56.303 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN063812.D

Acq: 2 Oct 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

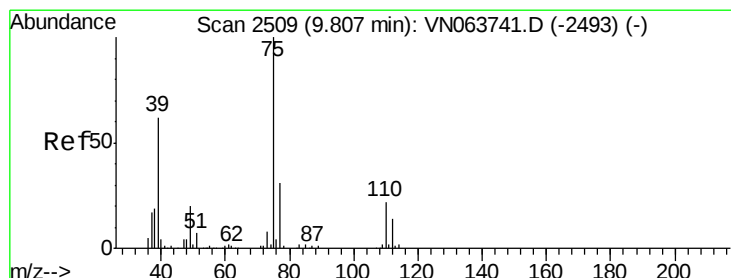
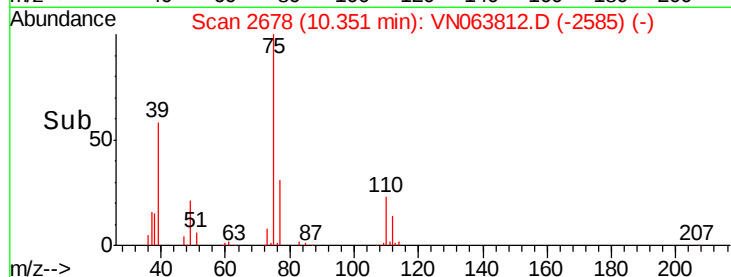
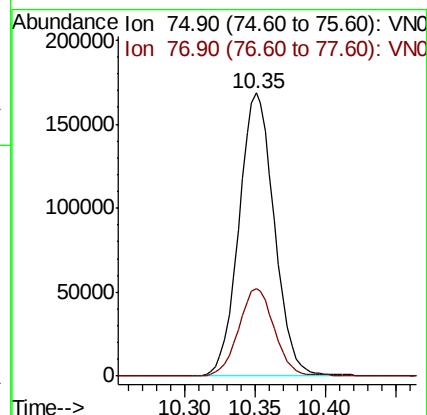
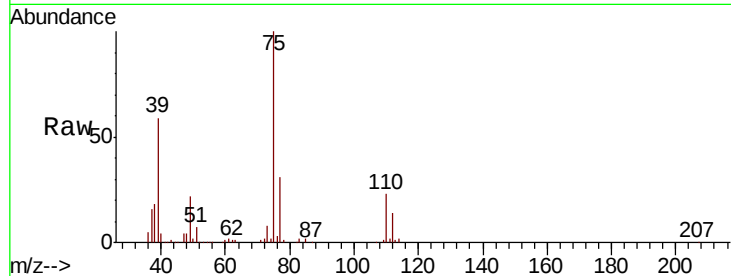
VSTDCCC050

Tot Ion: 75 Resp: 295503

Ion Ratio Lower Upper

75 100

77 31.1 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 56.050 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN063812.D

Acq: 2 Oct 2020 10:55

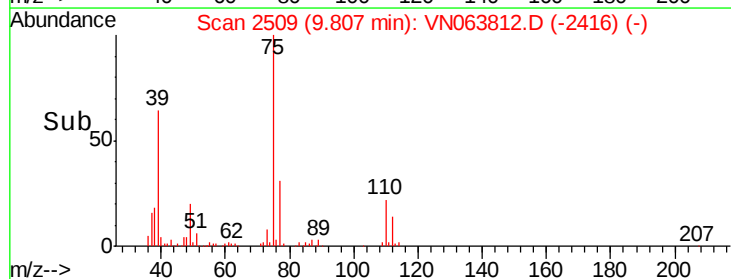
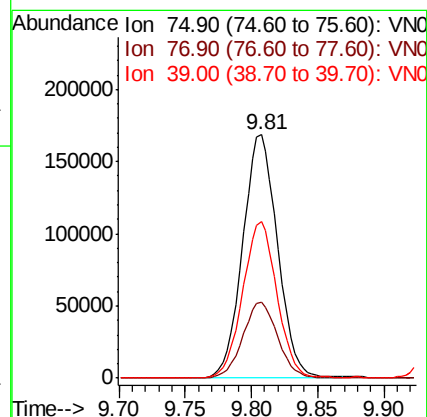
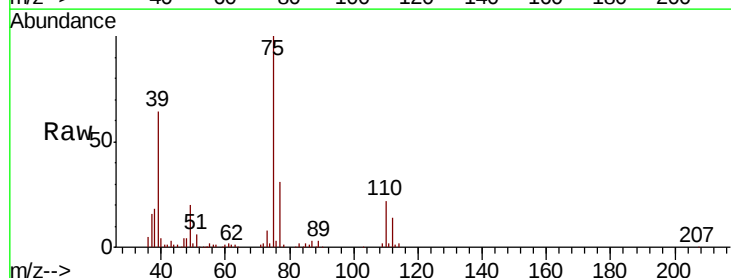
Tgt Ion: 75 Resp: 307659

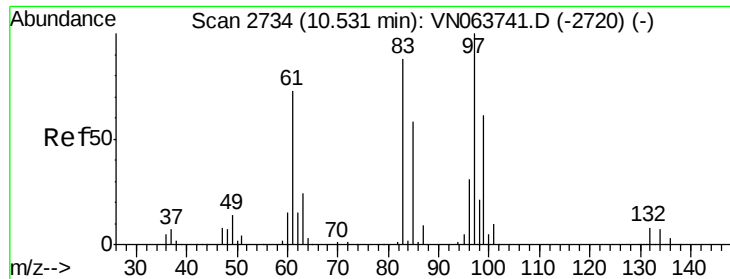
Ion Ratio Lower Upper

75 100

77 31.2 24.6 36.8

39 64.1 49.7 74.5



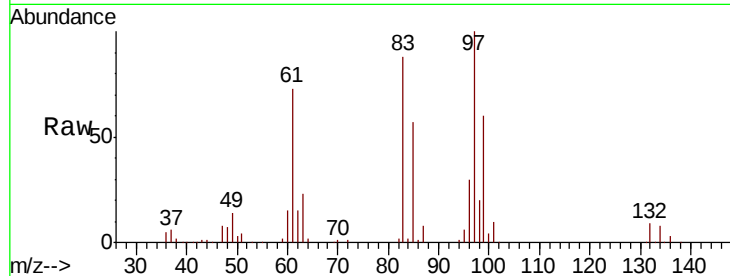


#55
 1,1,2-Trichloroethane
 Concen: 56.471 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN063812.D
 Acq: 2 Oct 2020 10:55

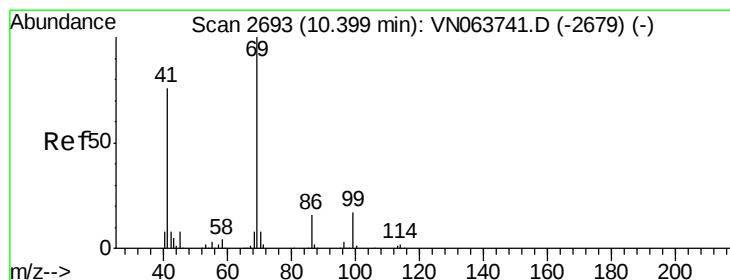
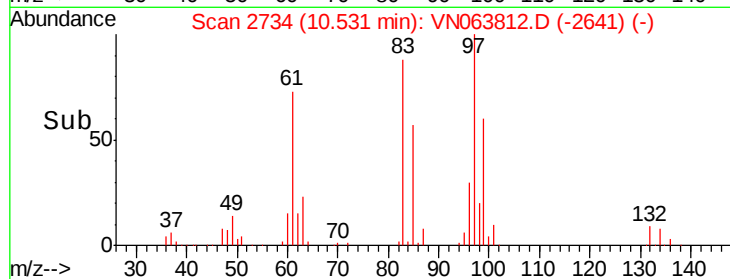
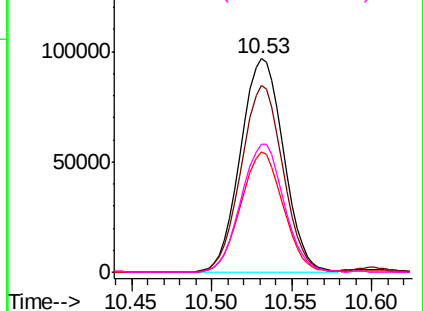
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 97 Resp: 178623

Ion	Ratio	Lower	Upper
97	100		
83	87.7	70.7	106.1
85	56.5	46.1	69.1
99	59.8	48.8	73.2



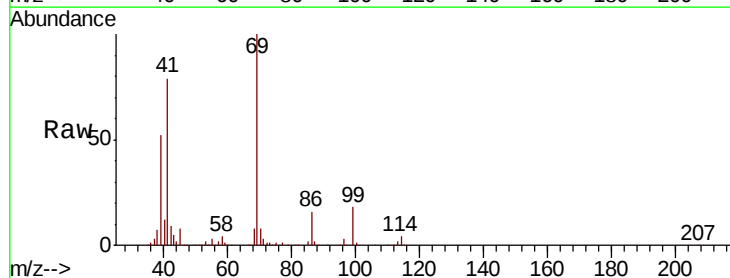
Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO



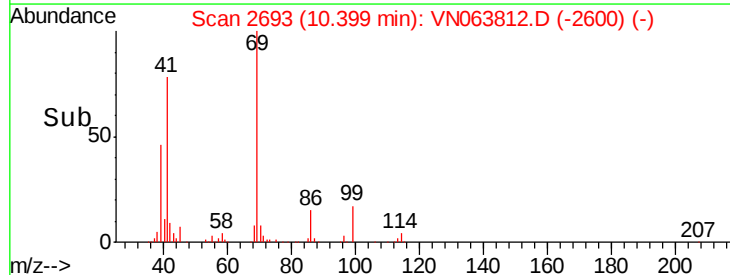
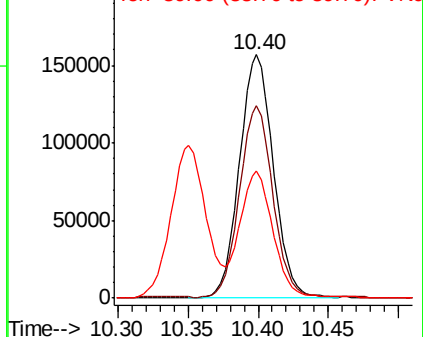
#56
 Ethyl methacrylate
 Concen: 59.124 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN063812.D
 Acq: 2 Oct 2020 10:55

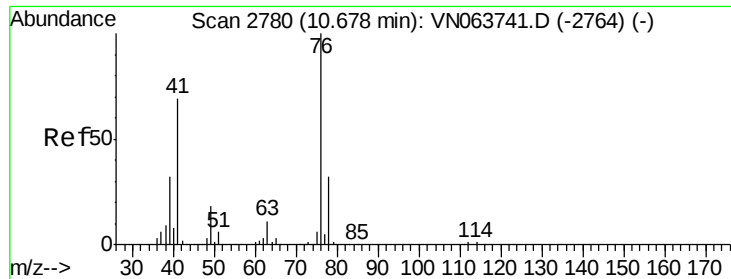
Tgt Ion: 69 Resp: 265087

Ion	Ratio	Lower	Upper
69	100		
41	77.8	61.1	91.7
39	50.5	42.2	63.4



Abundance Ion 69.00 (68.70 to 69.70): VNO
 Ion 41.00 (40.70 to 41.70): VNO
 Ion 39.00 (38.70 to 39.70): VNO





#57

1,3-Dichloropropane

Concen: 56.154 ug/l

RT: 10.68 min Scan# 2779

Delta R.T. -0.00 min

Lab File: VN063812.D

Acq: 2 Oct 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

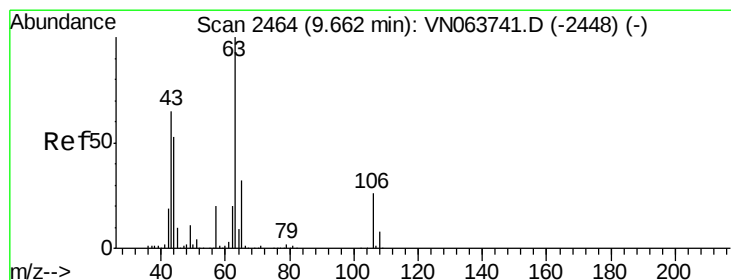
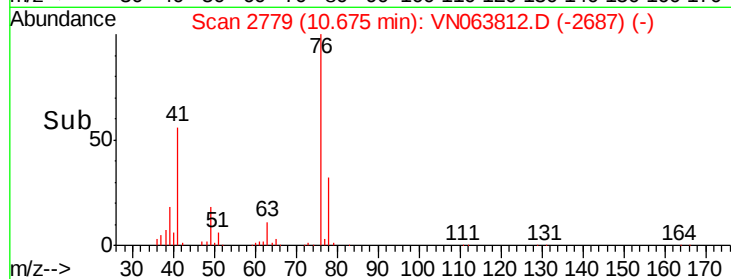
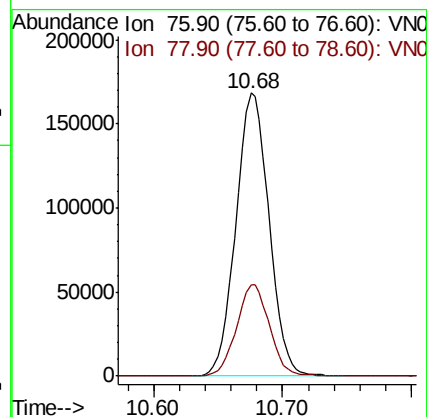
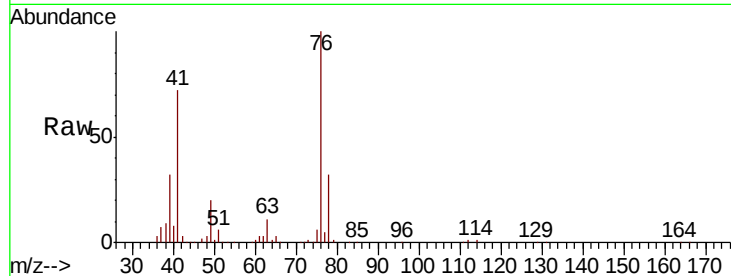
VSTDCCC050

Tot Ion: 76 Resp: 300502

Ion Ratio Lower Upper

76 100

78 32.2 25.2 37.8



#58

2-Chloroethyl Vinyl ether

Concen: 287.919 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN063812.D

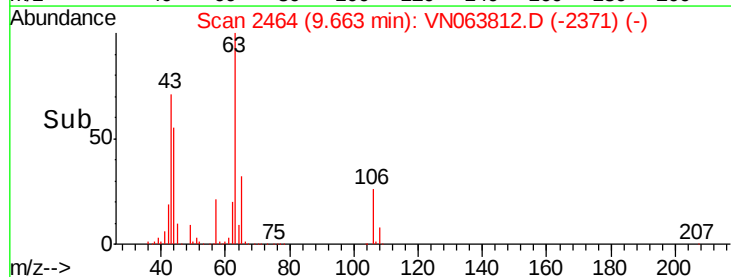
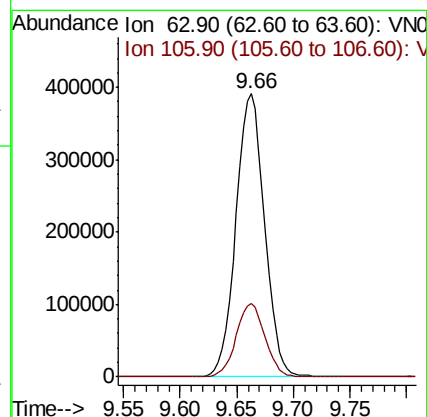
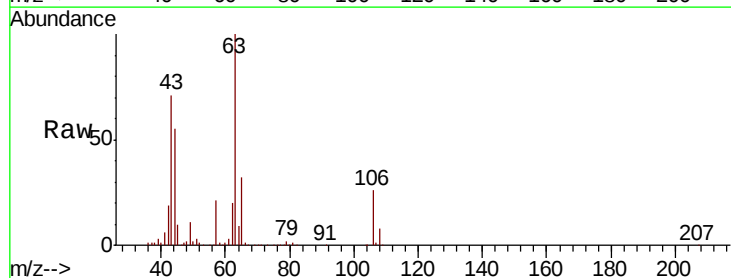
Acq: 2 Oct 2020 10:55

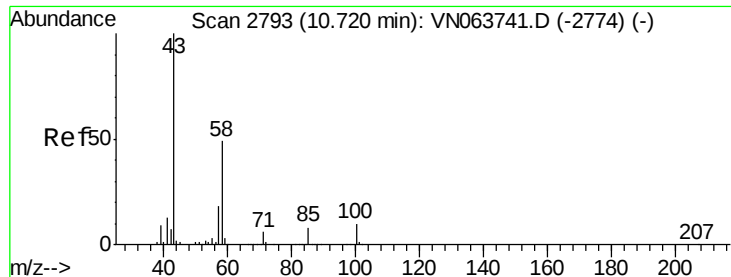
Tgt Ion: 63 Resp: 690521

Ion Ratio Lower Upper

63 100

106 25.9 20.7 31.1

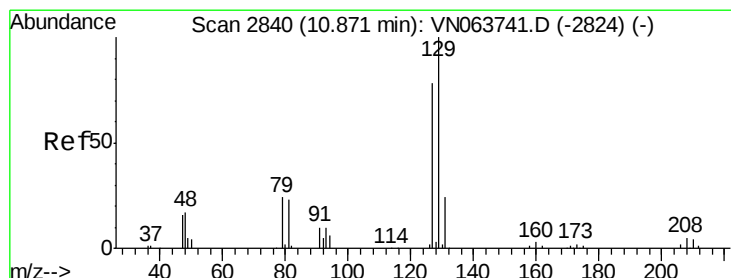
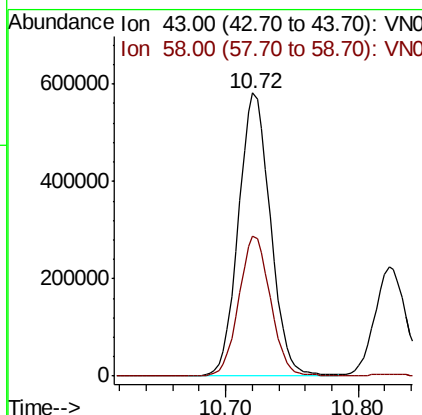
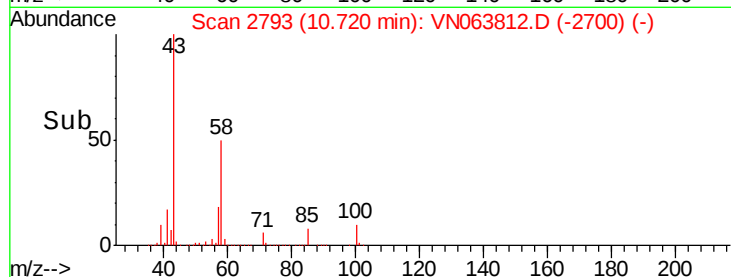
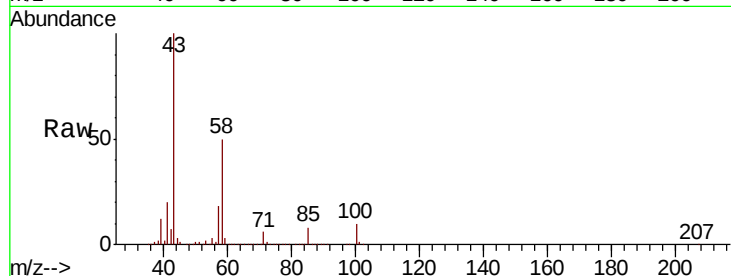




#59
2-Hexanone
Concen: 305.445 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN063812.D
Acq: 2 Oct 2020 10:55

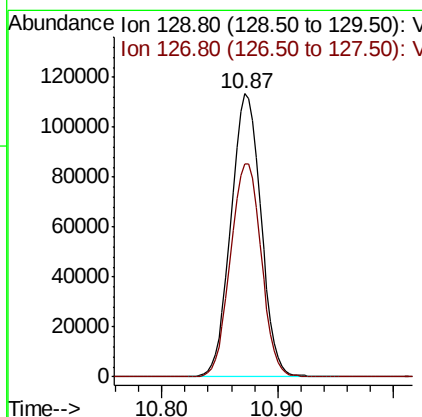
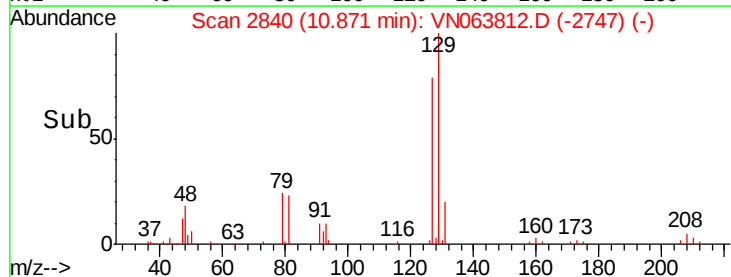
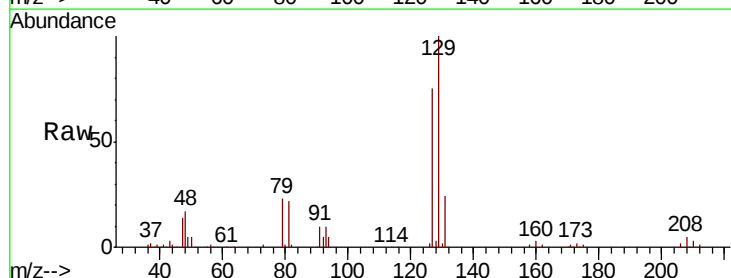
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

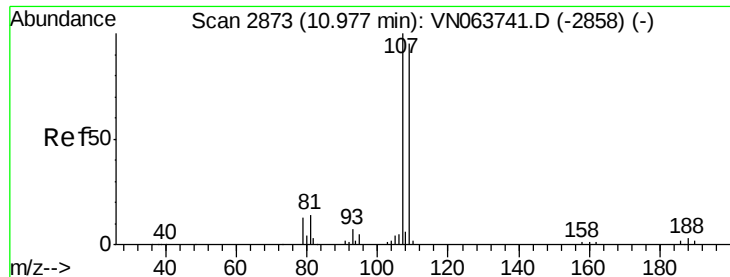
Tot Ion: 43 Resp: 974211
Ion Ratio Lower Upper
43 100
58 49.1 24.6 73.8



#60
Dibromochloromethane
Concen: 55.296 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VN063812.D
Acq: 2 Oct 2020 10:55

Tgt Ion: 129 Resp: 203694
Ion Ratio Lower Upper
129 100
127 76.9 38.9 116.7

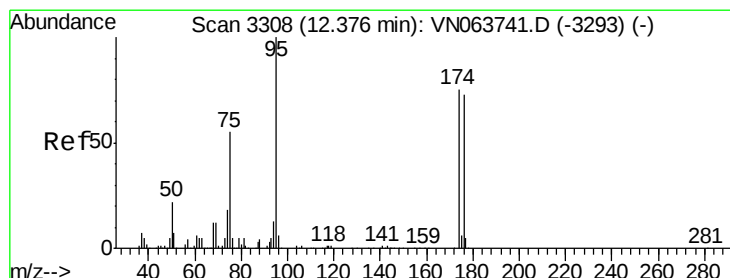
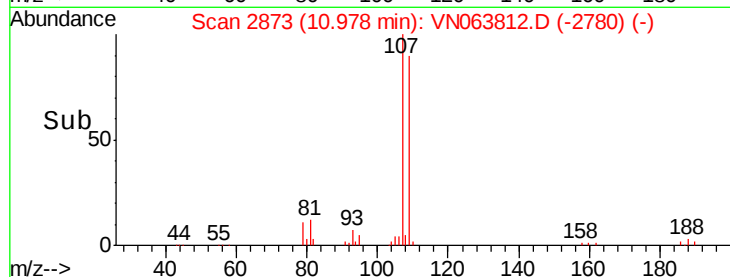
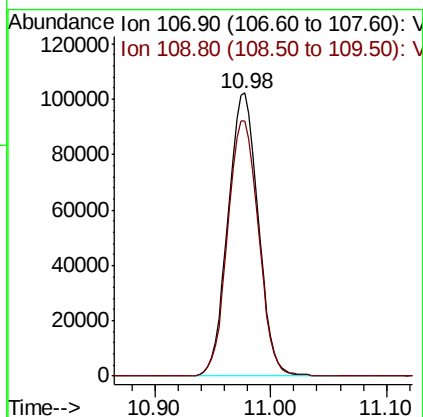
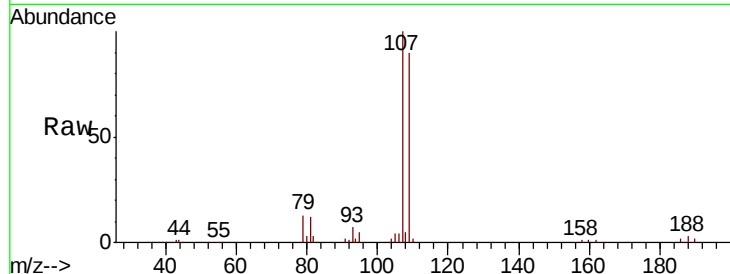




#61
 1,2-Dibromoethane
 Concen: 56.966 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN063812.D
 Acq: 2 Oct 2020 10:55

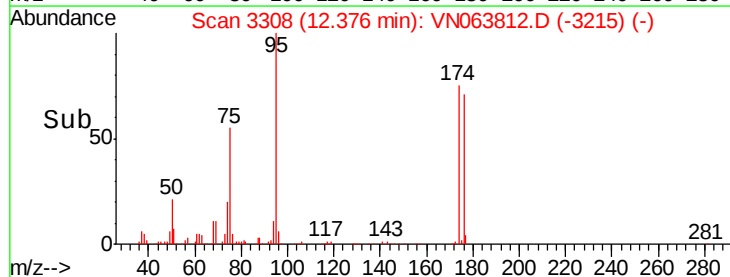
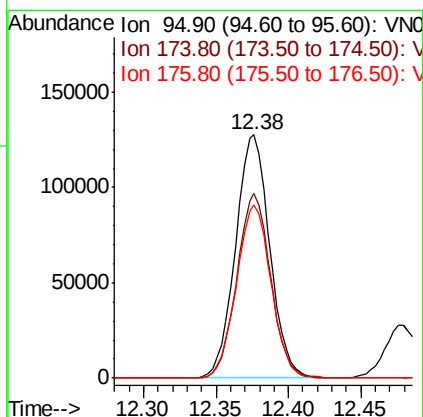
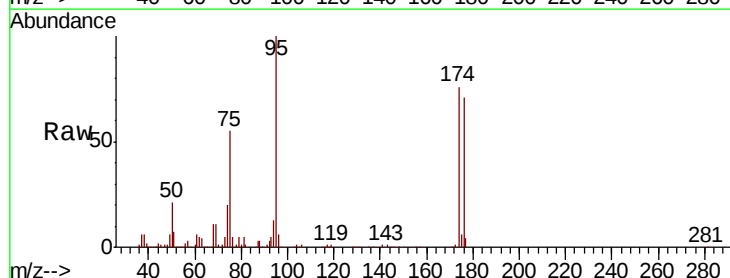
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

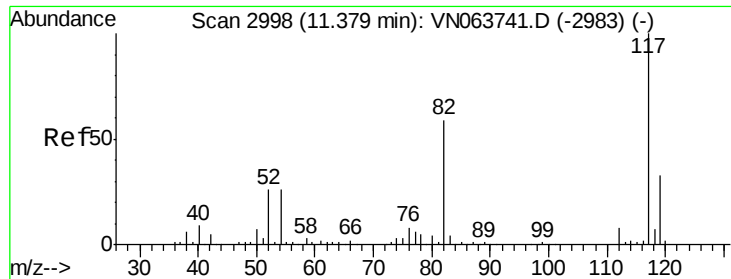
Tot Ion: 107 Resp: 184321
 Ion Ratio Lower Upper
 107 100
 109 92.2 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 48.010 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN063812.D
 Acq: 2 Oct 2020 10:55

Tgt Ion: 95 Resp: 209201
 Ion Ratio Lower Upper
 95 100
 174 75.1 0.0 150.6
 176 72.2 0.0 145.4

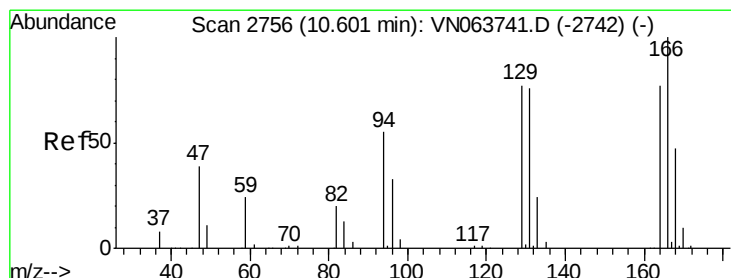
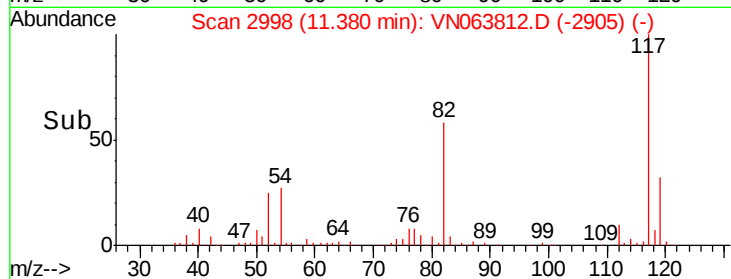
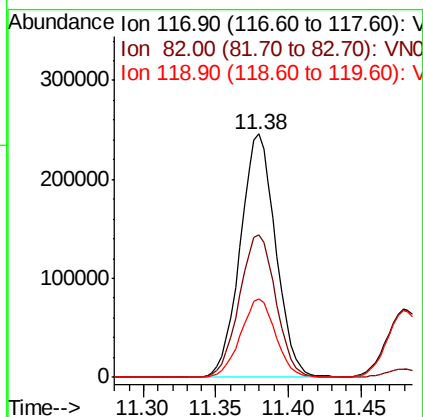
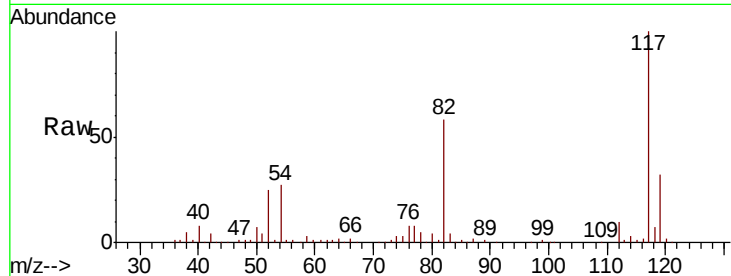




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063812.D
Acq: 2 Oct 2020 10:55

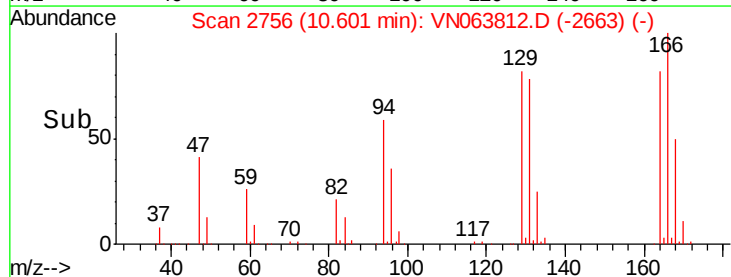
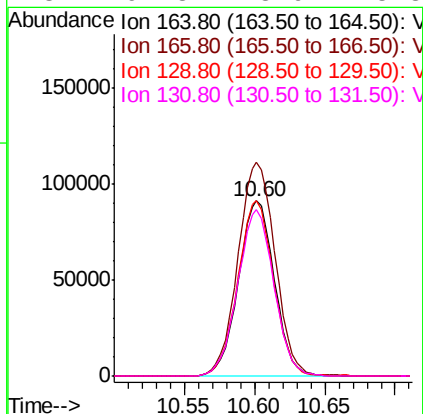
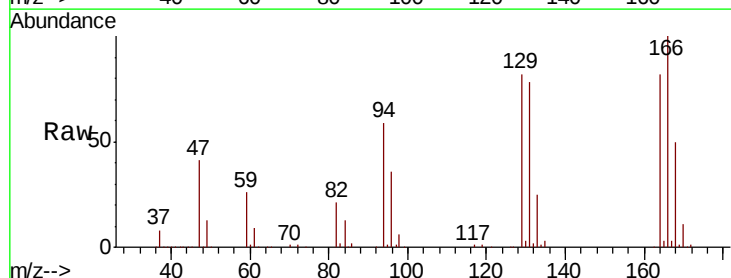
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

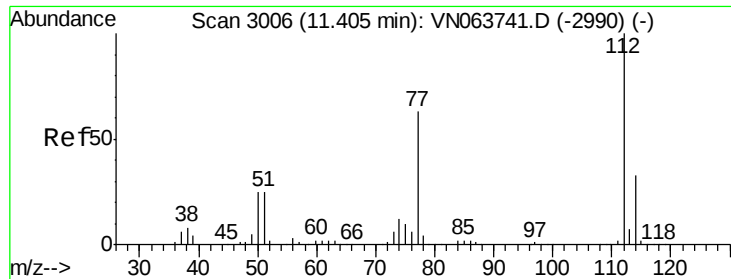
Tot Ion:117 Resp: 417210
Ion Ratio Lower Upper
117 100
82 58.4 47.4 71.2
119 32.5 26.4 39.6



#64
Tetrachloroethene
Concen: 50.278 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN063812.D
Acq: 2 Oct 2020 10:55

Tgt Ion:164 Resp: 162290
Ion Ratio Lower Upper
164 100
166 121.8 103.9 155.9
129 100.3 80.3 120.5
131 94.8 78.9 118.3

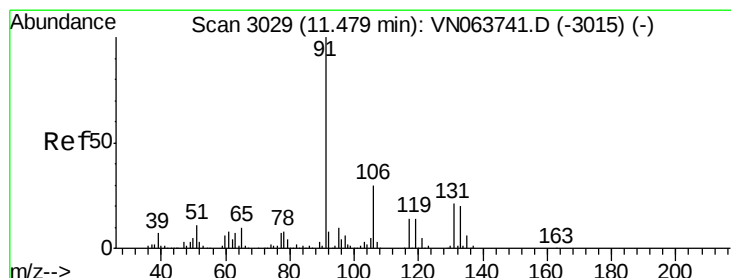
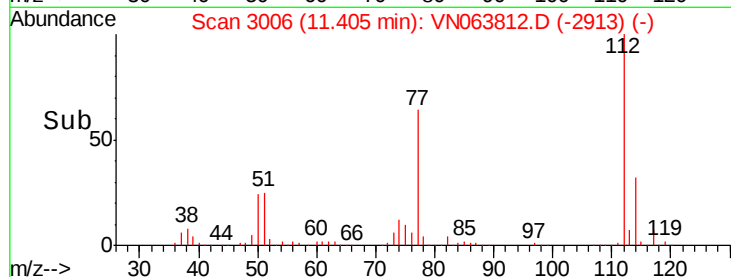
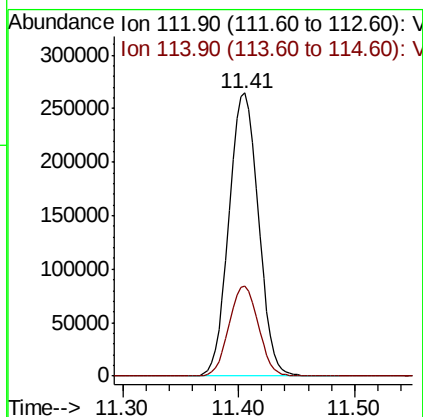
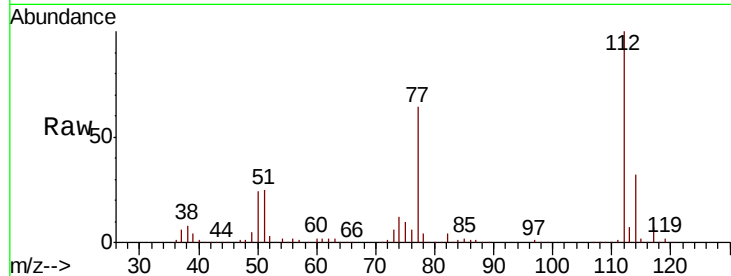




#65
Chlorobenzene
Concen: 54.394 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN063812.D
Acq: 2 Oct 2020 10:55

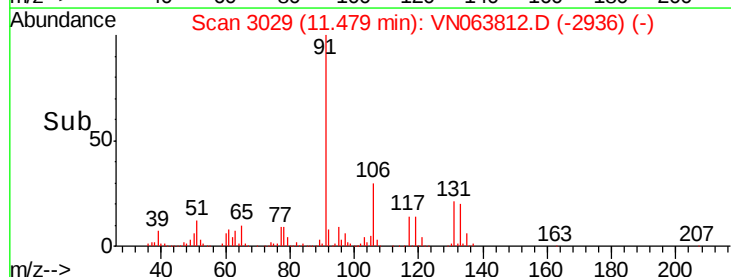
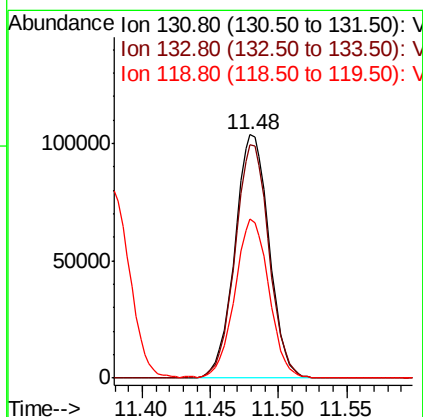
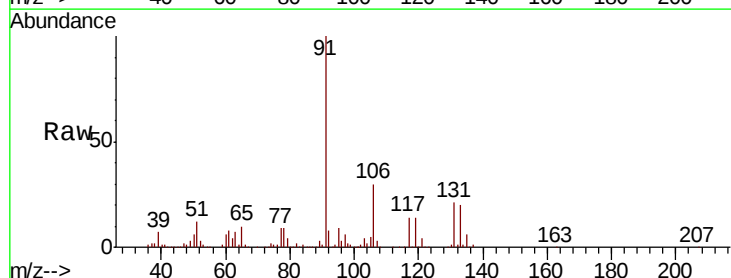
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

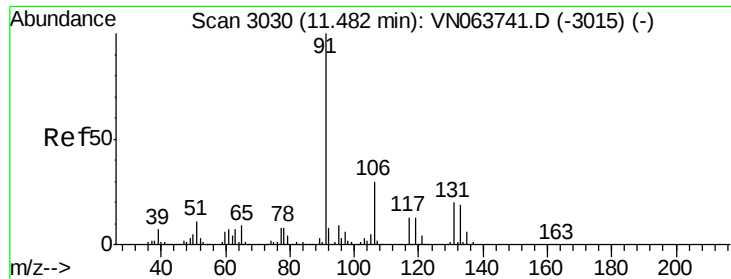
Tot Ion:112 Resp: 465515
Ion Ratio Lower Upper
112 100
114 31.8 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 55.081 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN063812.D
Acq: 2 Oct 2020 10:55

Tgt Ion:131 Resp: 180722
Ion Ratio Lower Upper
131 100
133 95.1 47.3 141.8
119 65.0 32.6 97.7

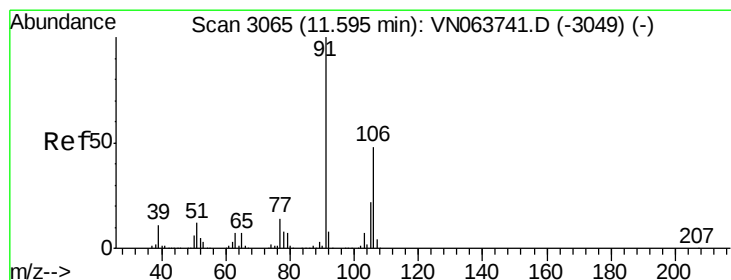
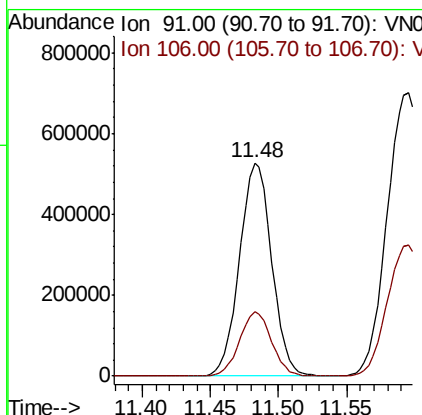
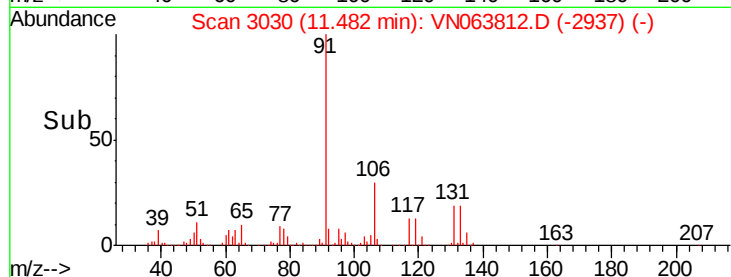
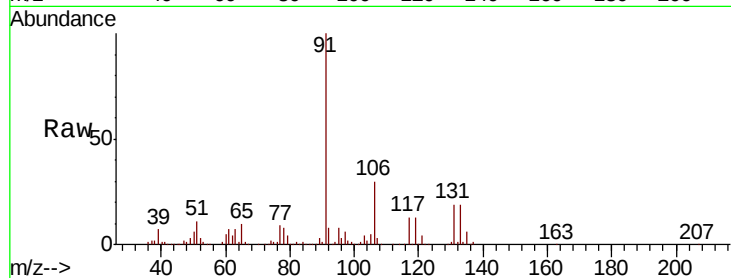




#67
Ethyl Benzene
Concen: 55.575 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN063812.D
Acq: 2 Oct 2020 10:55

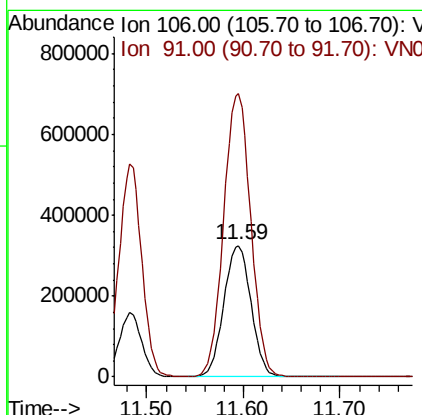
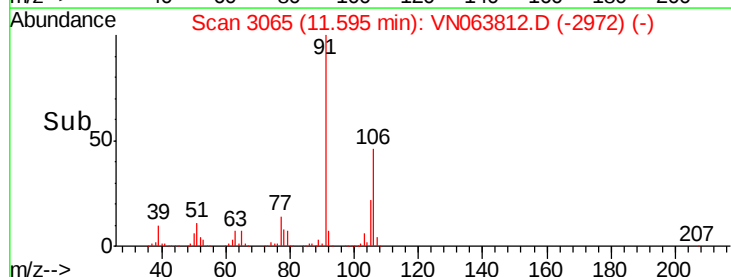
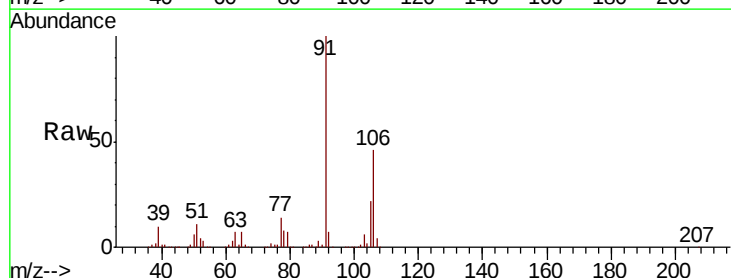
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

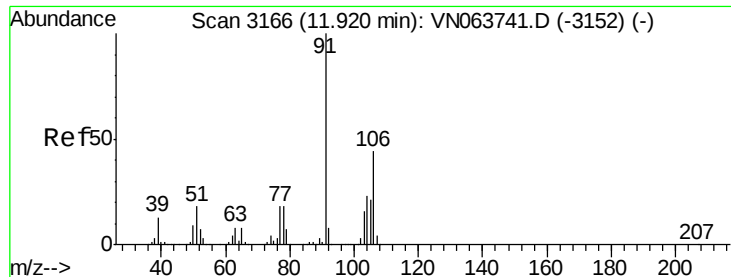
Tot Ion: 91 Resp: 865467
Ion Ratio Lower Upper
91 100
106 30.0 24.2 36.2



#68
m/p-Xylenes
Concen: 109.552 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN063812.D
Acq: 2 Oct 2020 10:55

Tgt Ion: 106 Resp: 635843
Ion Ratio Lower Upper
106 100
91 214.6 168.0 252.0

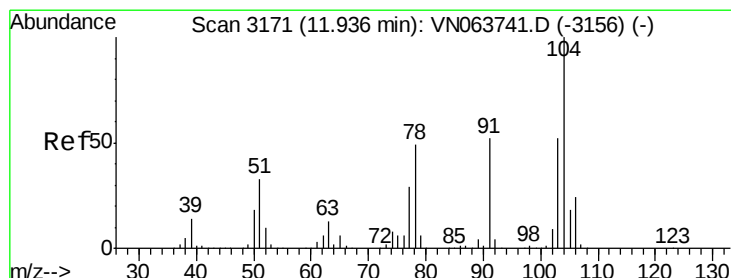
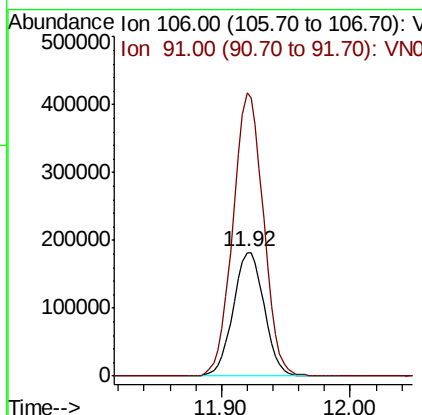
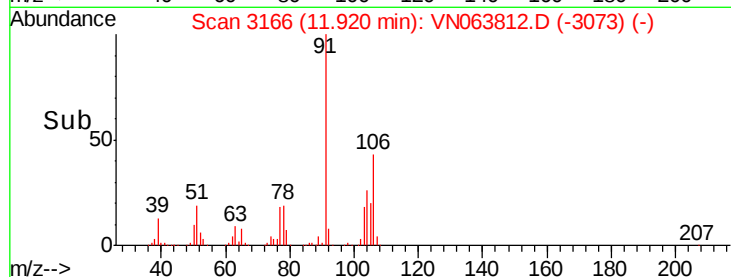
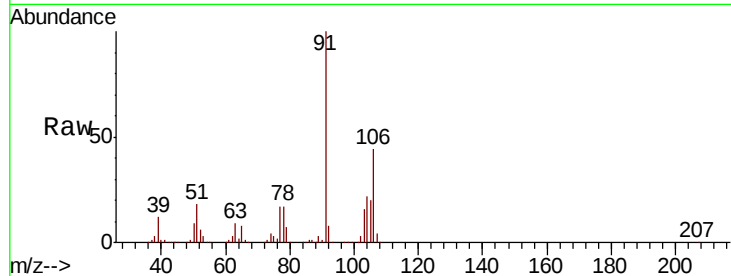




#69
o-Xylene
Concen: 56.161 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN063812.D
Acq: 2 Oct 2020 10:55

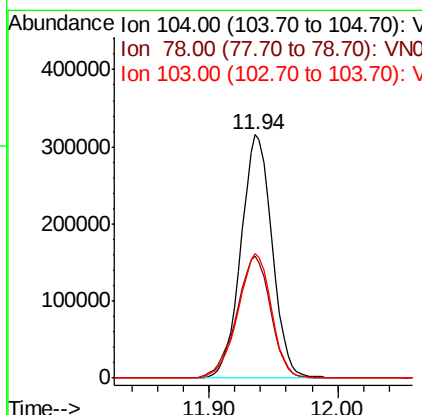
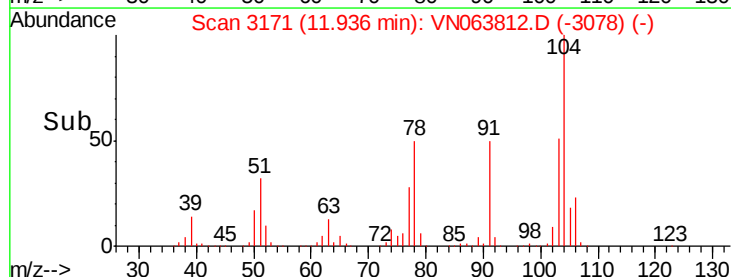
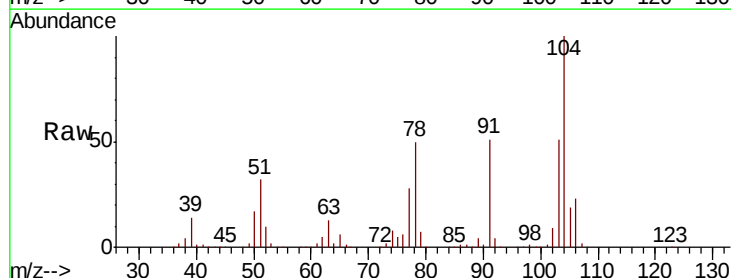
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

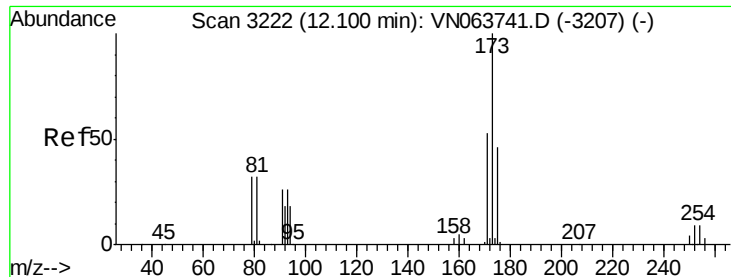
Tot Ion:106 Resp: 304662
Ion Ratio Lower Upper
106 100
91 225.4 112.7 338.0



#70
Styrene
Concen: 57.776 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. 0.00 min
Lab File: VN063812.D
Acq: 2 Oct 2020 10:55

Tgt Ion:104 Resp: 532026
Ion Ratio Lower Upper
104 100
78 54.9 44.1 66.1
103 55.0 44.3 66.5





#71

Bromoform

Concen: 55.365 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN063812.D

Acq: 2 Oct 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

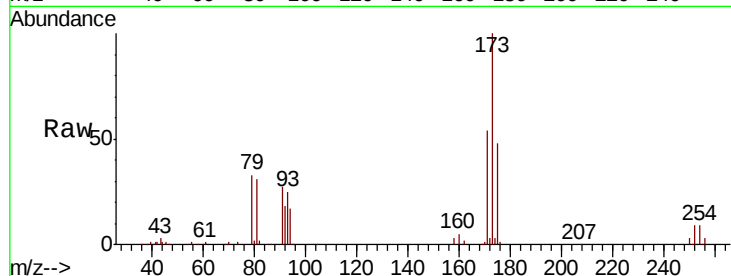
Tot Ion:173 Resp: 138931

Ion Ratio Lower Upper

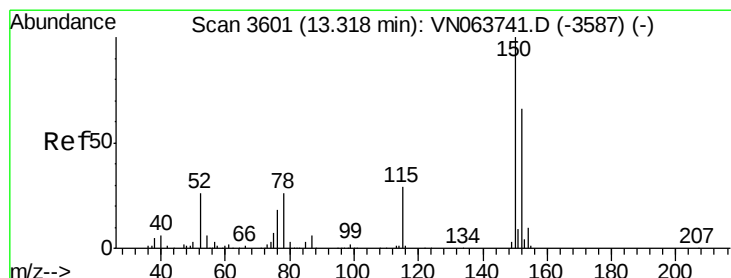
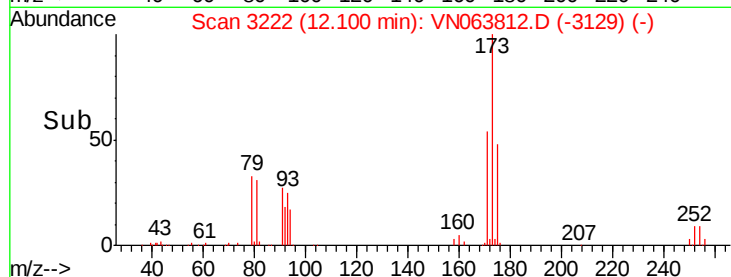
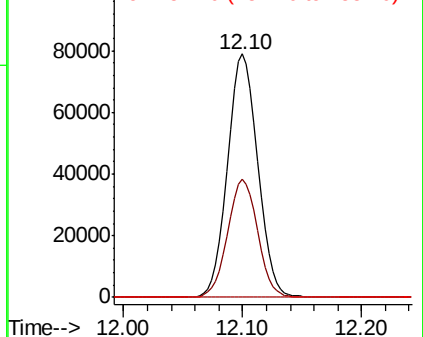
173 100

175 48.1 23.5 70.5

254 0.1 0.0 0.0#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN063812.D

Acq: 2 Oct 2020 10:55

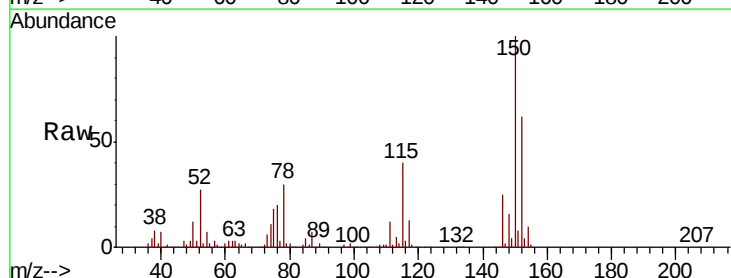
Tgt Ion:152 Resp: 210207

Ion Ratio Lower Upper

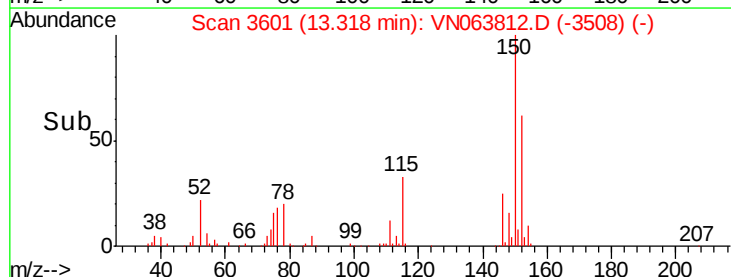
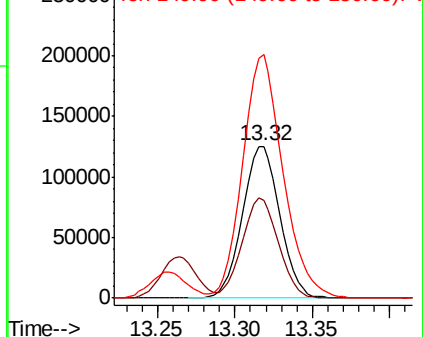
152 100

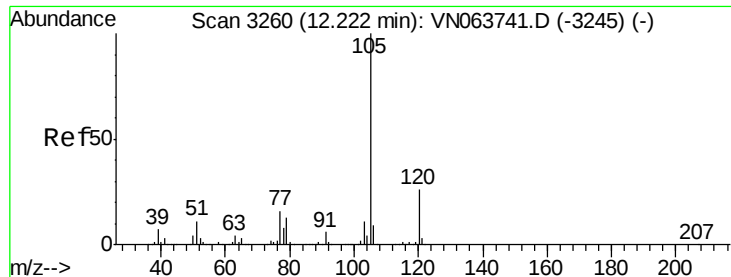
115 64.5 31.3 93.8

150 173.2 0.0 341.8



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





#73

Isopropylbenzene

Concen: 54.221 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN063812.D

Acq: 2 Oct 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

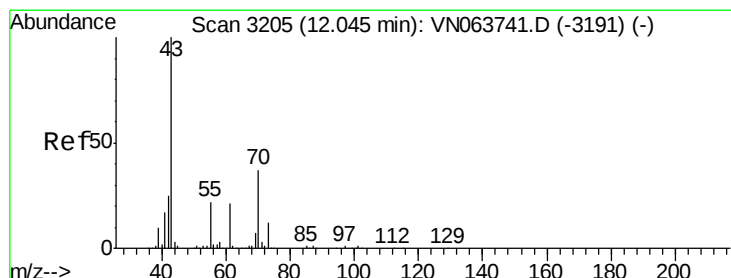
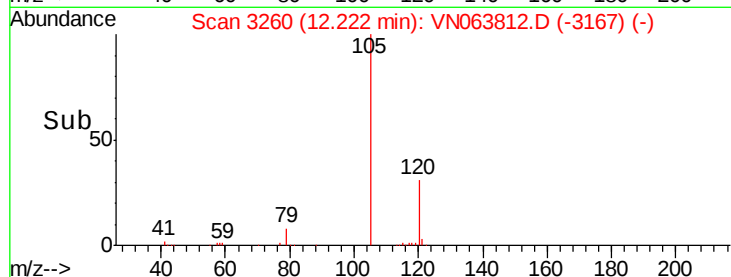
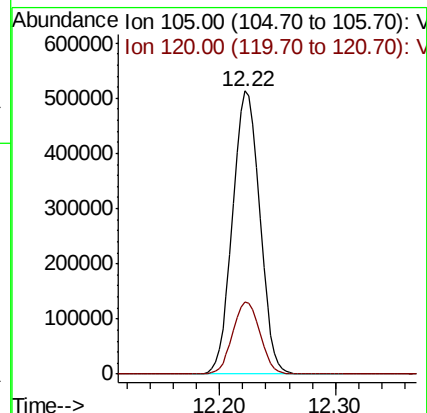
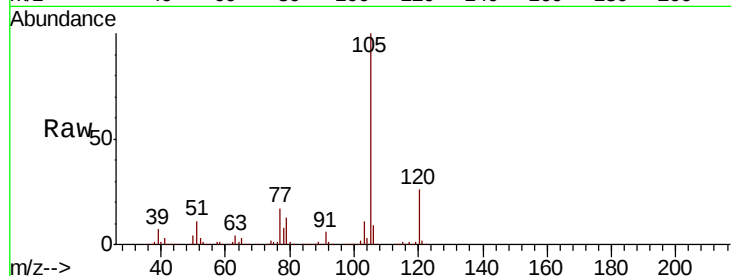
VSTDCCC050

Tot Ion:105 Resp: 831327

Ion Ratio Lower Upper

105 100

120 25.5 12.6 37.8



#74

N-ethyl acetate

Concen: 54.147 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN063812.D

Acq: 2 Oct 2020 10:55

Tgt Ion: 43 Resp: 387233

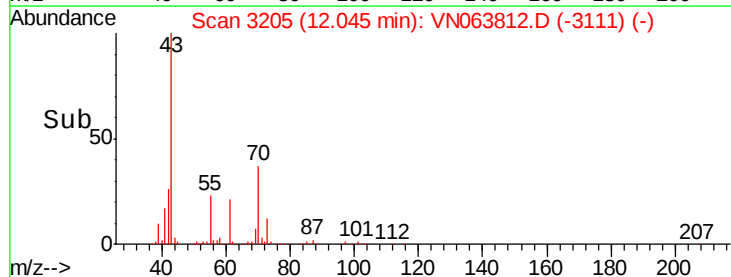
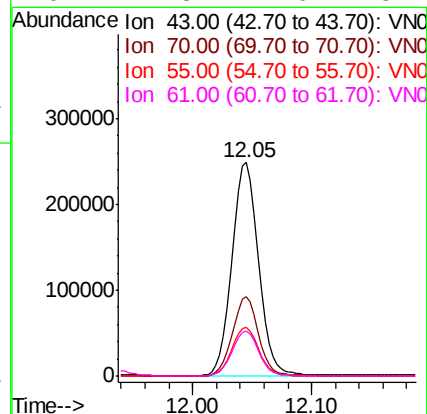
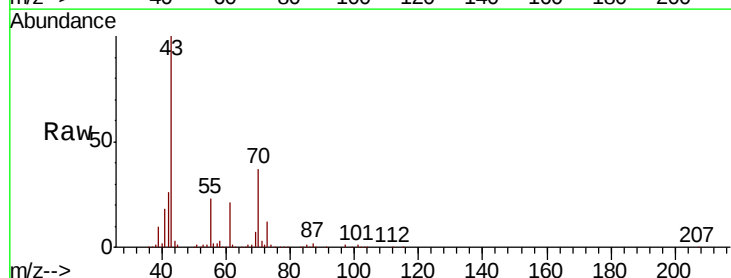
Ion Ratio Lower Upper

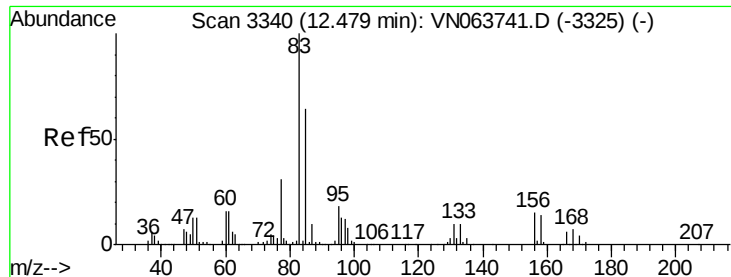
43 100

70 36.5 29.8 44.8

55 23.0 17.9 26.9

61 21.3 17.0 25.4





#75

1,1,2,2-Tetrachloroethane

Concen: 53.666 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN063812.D

Acq: 2 Oct 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

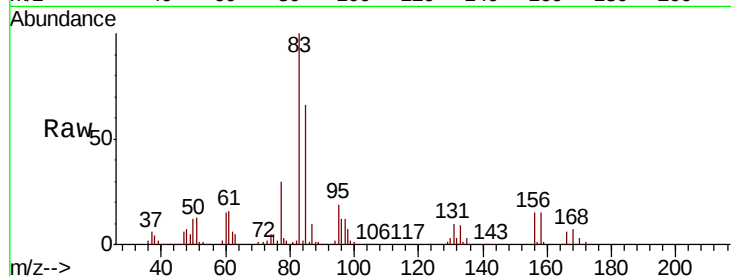
Tot Ion: 83 Resp: 251612

Ion Ratio Lower Upper

83 100

131 10.1 5.3 15.8

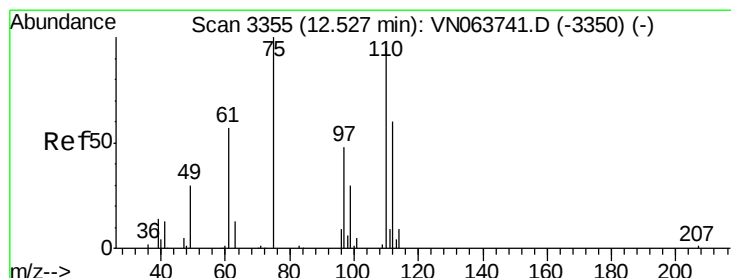
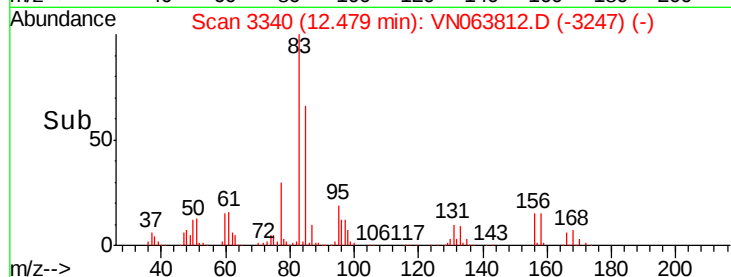
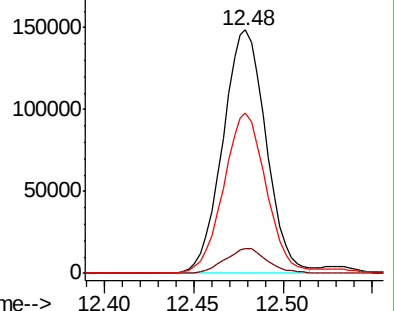
85 65.0 31.3 93.8



Abundance Ion 82.90 (82.60 to 83.60): VN063812.D (-3247) (-)

Ion 130.80 (130.50 to 131.50): VN063812.D (-3247) (-)

Ion 84.90 (84.60 to 85.60): VN063812.D (-3247) (-)



#76

1,2,3-Trichloropropane

Concen: 77.291 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN063812.D

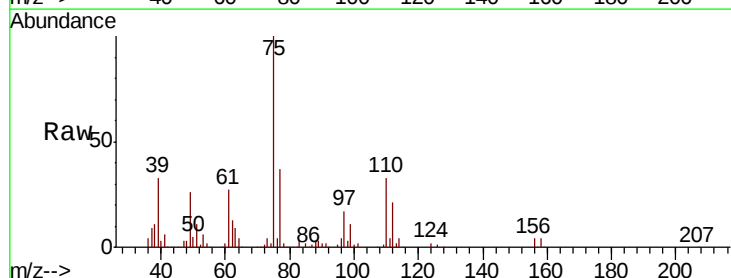
Acq: 2 Oct 2020 10:55

Tgt Ion: 75 Resp: 358148

Ion Ratio Lower Upper

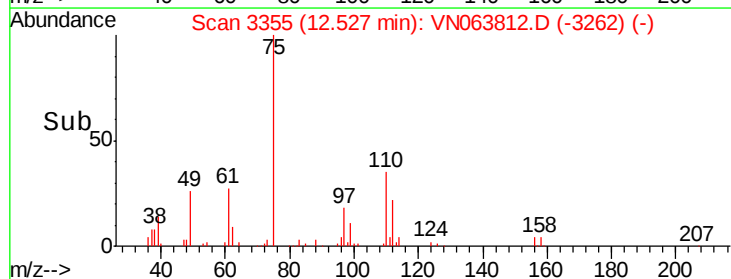
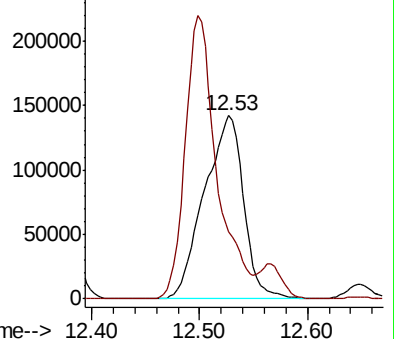
75 100

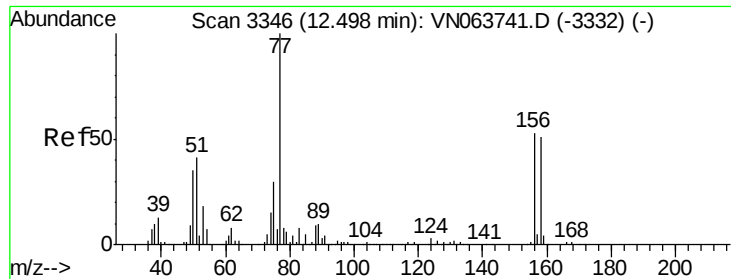
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN063812.D (-3262) (-)

Ion 77.00 (76.70 to 77.70): VN063812.D (-3262) (-)





#77

Bromobenzene

Concen: 53.595 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN063812.D

Acq: 2 Oct 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

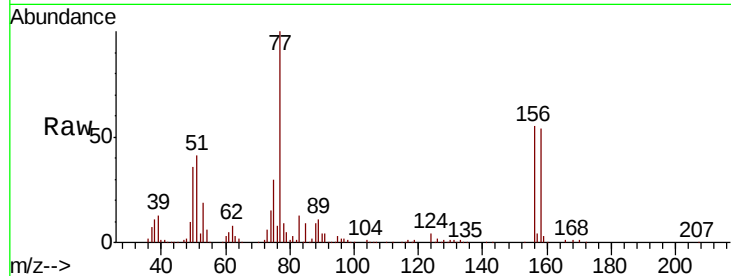
Tot Ion:156 Resp: 201634

Ion Ratio Lower Upper

156 100

77 222.3 110.9 332.7

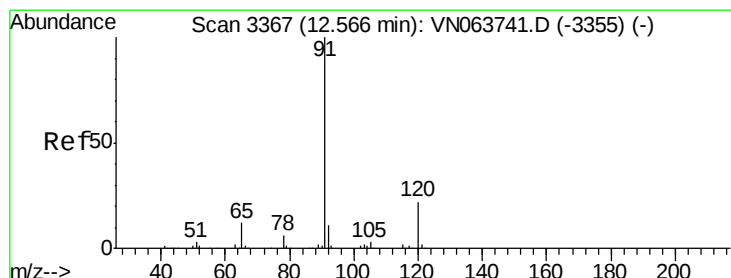
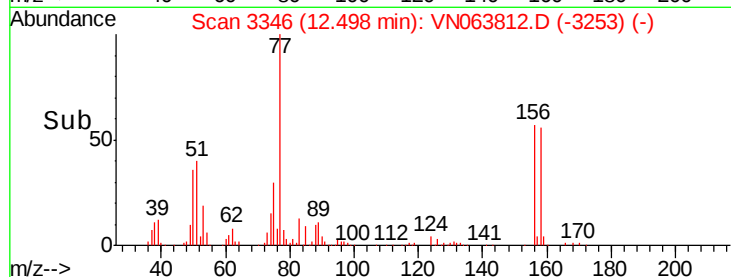
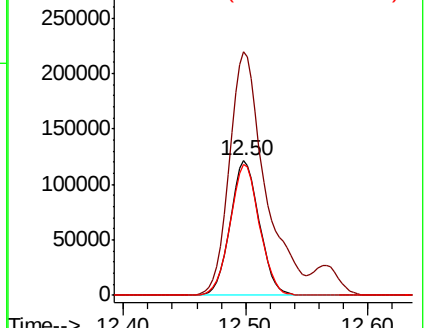
158 98.1 47.7 143.1



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: 53.980 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN063812.D

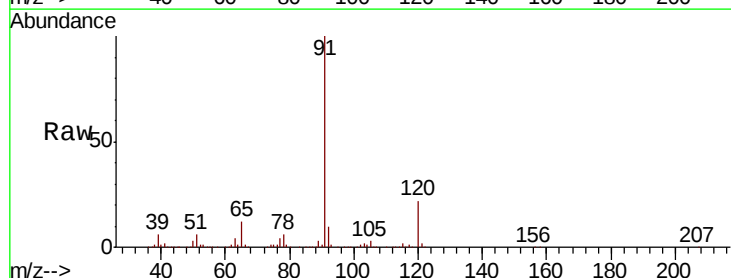
Acq: 2 Oct 2020 10:55

Tgt Ion: 91 Resp: 963208

Ion Ratio Lower Upper

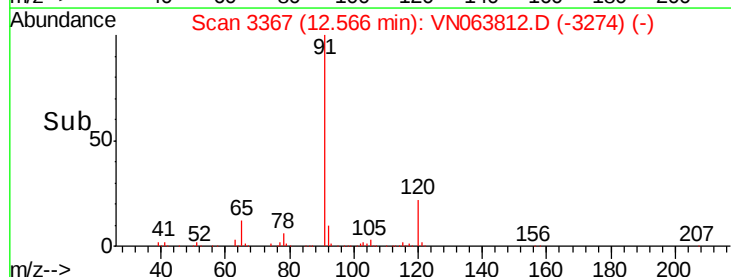
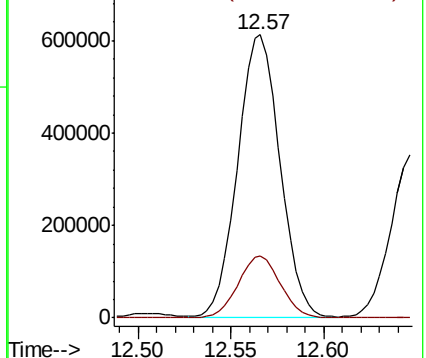
91 100

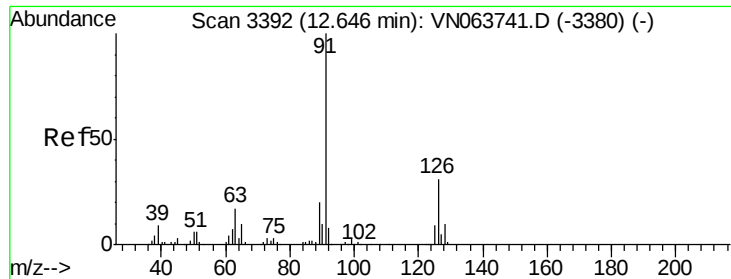
120 21.9 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

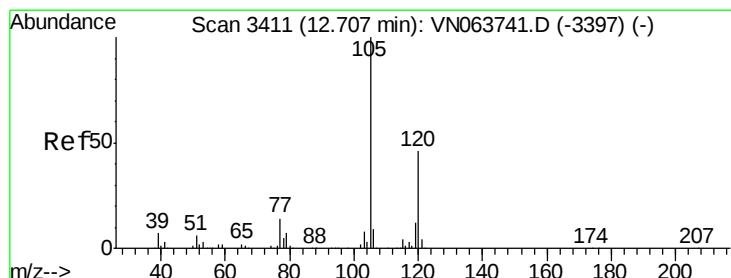
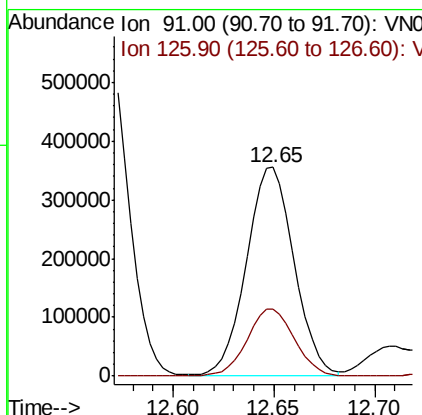
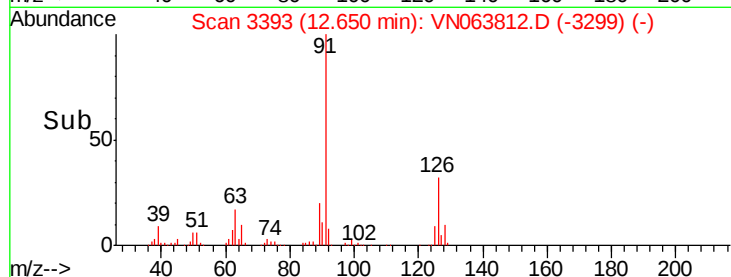
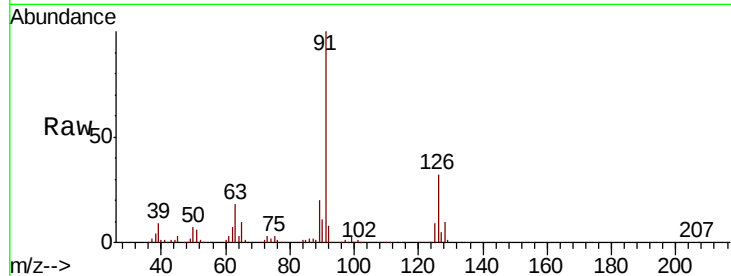




#79
 2-Chlorotoluene
 Concen: 53.109 ug/l
 RT: 12.65 min Scan# 3393
 Delta R.T. 0.00 min
 Lab File: VN063812.D
 Acq: 2 Oct 2020 10:55

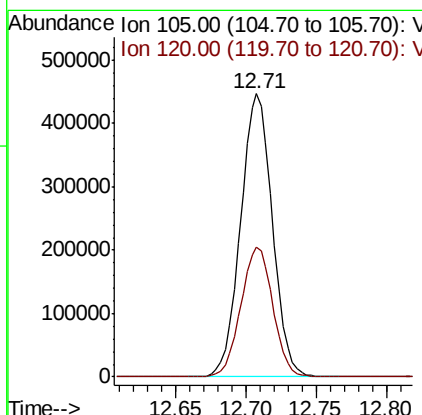
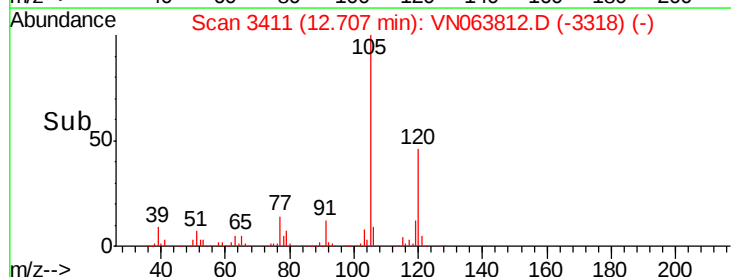
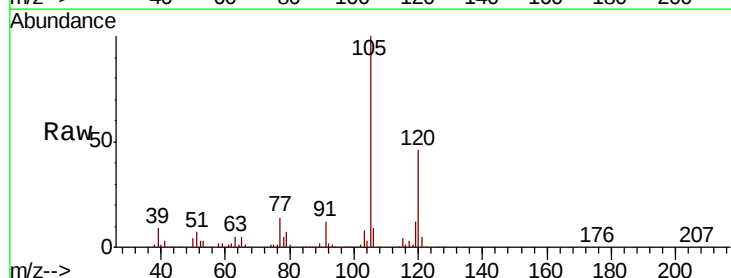
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

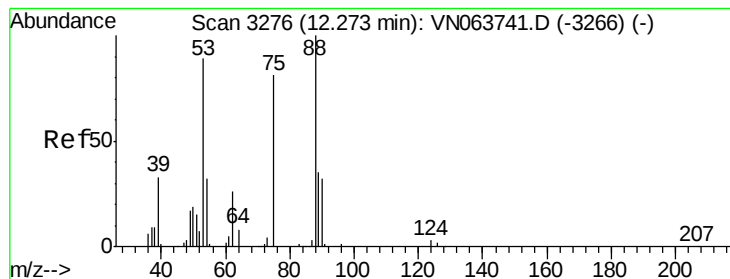
Tot Ion: 91 Resp: 582828
 Ion Ratio Lower Upper
 91 100
 126 32.4 15.9 47.7



#80
 1,3,5-Trimethylbenzene
 Concen: 54.586 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN063812.D
 Acq: 2 Oct 2020 10:55

Tgt Ion: 105 Resp: 702145
 Ion Ratio Lower Upper
 105 100
 120 46.4 23.3 69.9





#81

trans-1,4-Dichloro-2-butene

Concen: 57.303 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. 0.00 min

Lab File: VN063812.D

Acq: 2 Oct 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

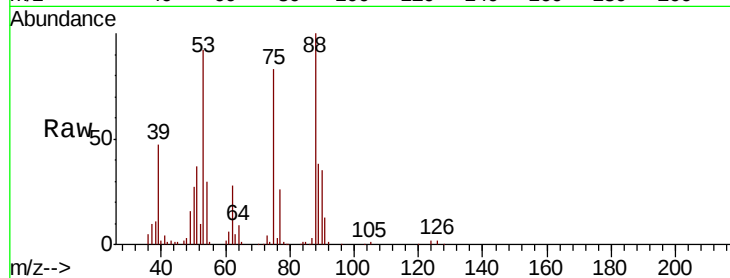
Tot Ion: 75 Resp: 92193

Ion Ratio Lower Upper

75 100

53 111.4 88.2 132.2

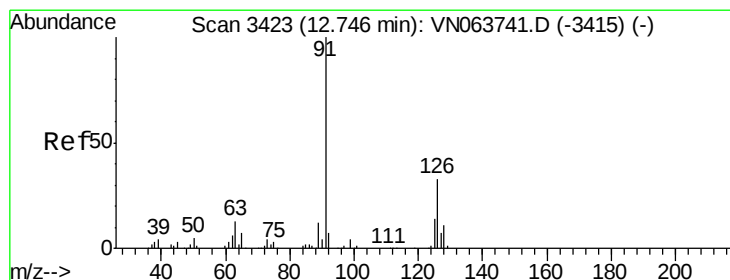
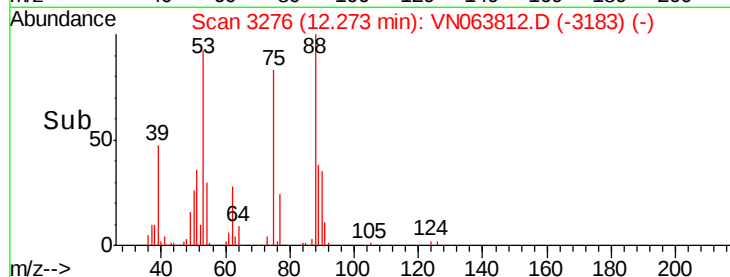
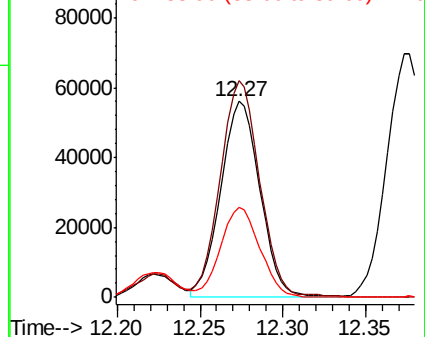
89 45.6 36.0 54.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 55.654 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN063812.D

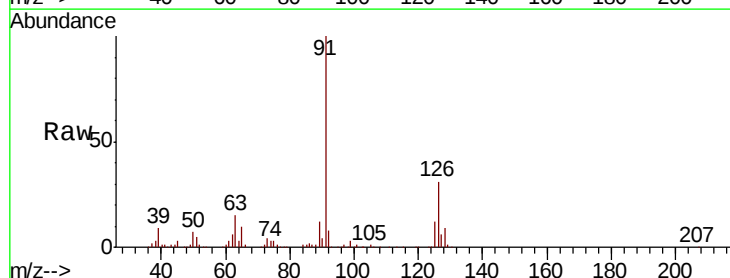
Acq: 2 Oct 2020 10:55

Tgt Ion: 91 Resp: 634039

Ion Ratio Lower Upper

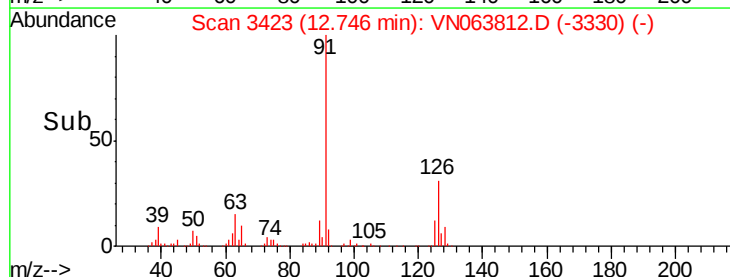
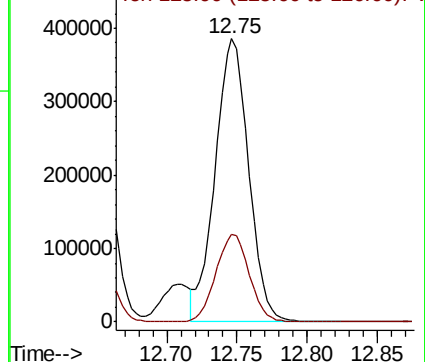
91 100

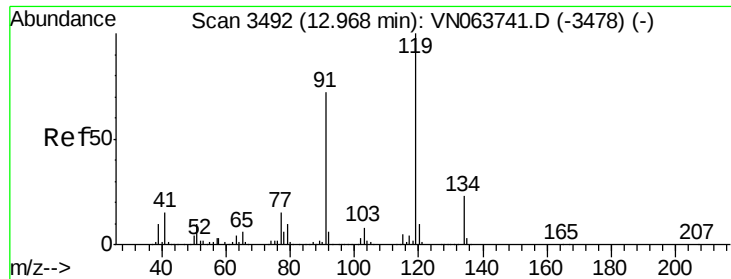
126 30.7 15.4 46.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

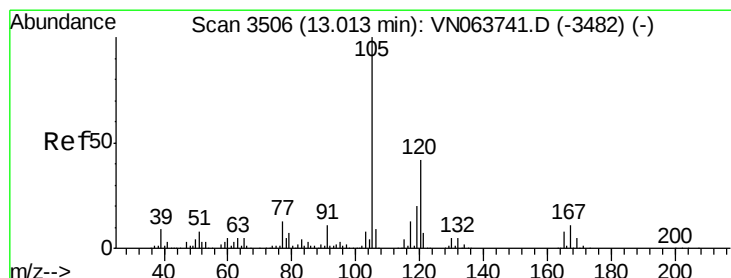
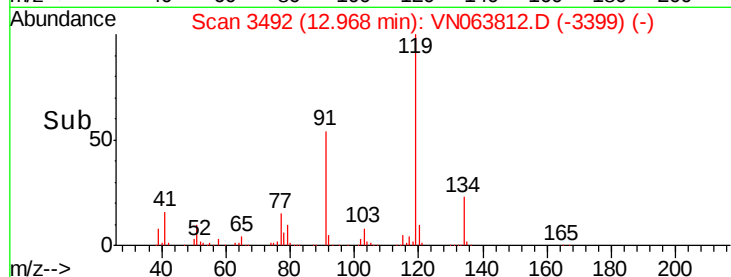
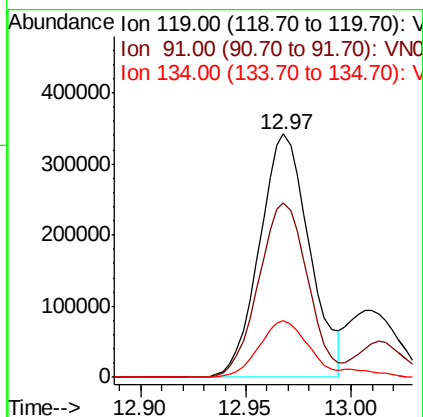
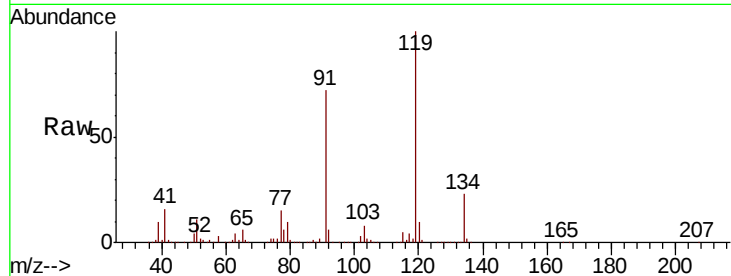




#83
tert-Butylbenzene
Concen: 53.521 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. 0.00 min
Lab File: VN063812.D
Acq: 2 Oct 2020 10:55

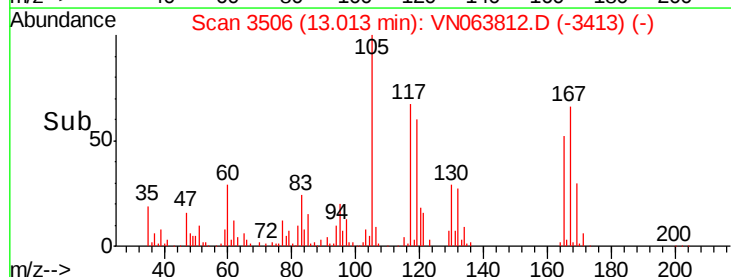
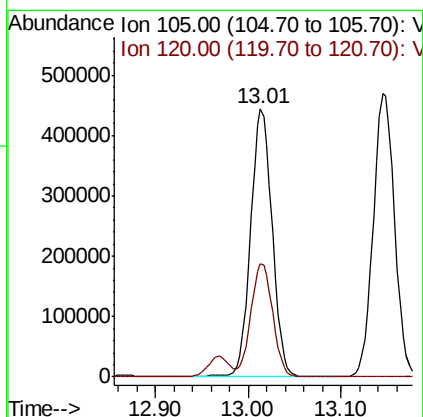
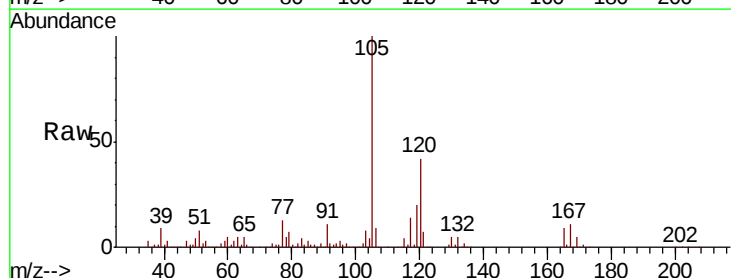
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

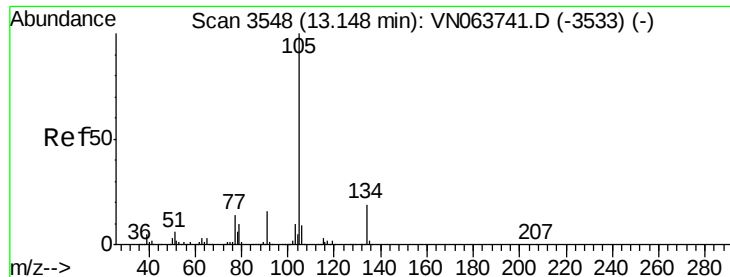
Tot Ion:119 Resp: 563128
Ion Ratio Lower Upper
119 100
91 71.2 35.5 106.5
134 25.4 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 55.666 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. 0.00 min
Lab File: VN063812.D
Acq: 2 Oct 2020 10:55

Tgt Ion:105 Resp: 714895
Ion Ratio Lower Upper
105 100
120 43.2 20.9 62.7





#85

sec-Butylbenzene

Concen: 53.880 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN063812.D

Acq: 2 Oct 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

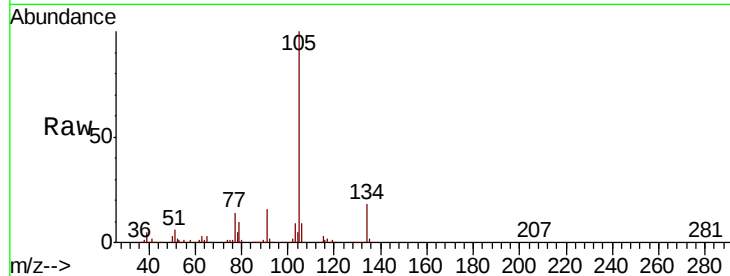
VSTDCCC050

Tot Ion:105 Resp: 744600

Ion Ratio Lower Upper

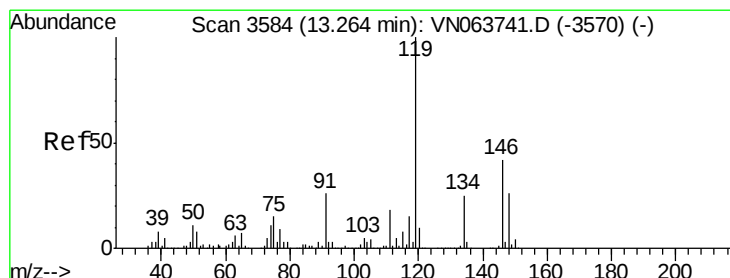
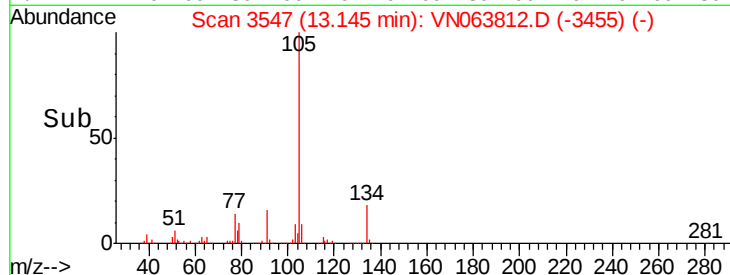
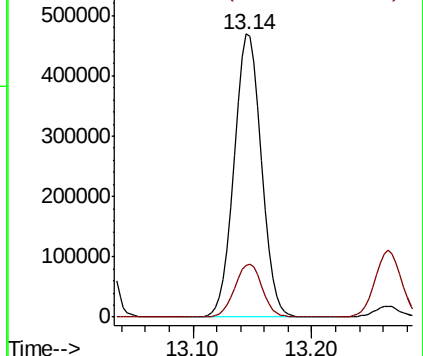
105 100

134 18.9 9.5 28.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 54.685 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN063812.D

Acq: 2 Oct 2020 10:55

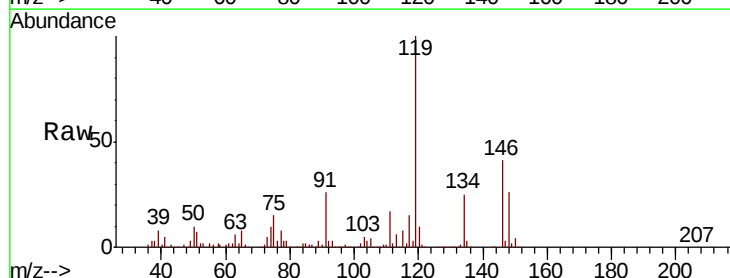
Tgt Ion:119 Resp: 668561

Ion Ratio Lower Upper

119 100

134 25.6 12.6 37.8

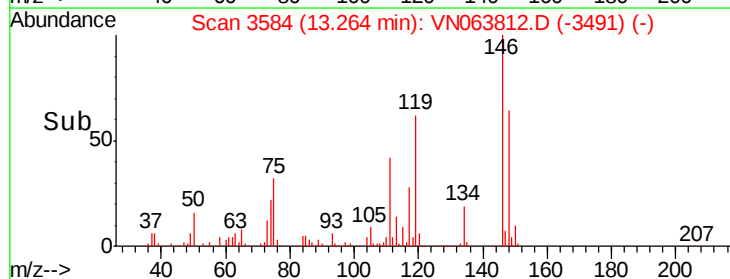
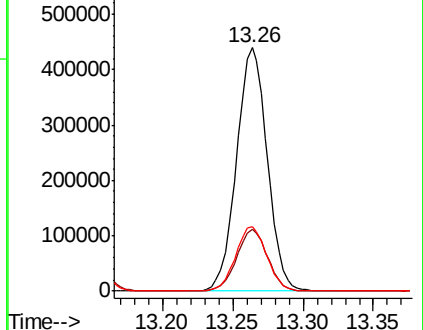
91 26.8 13.4 40.2

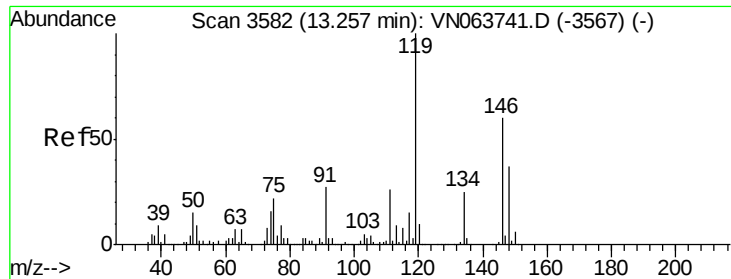


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

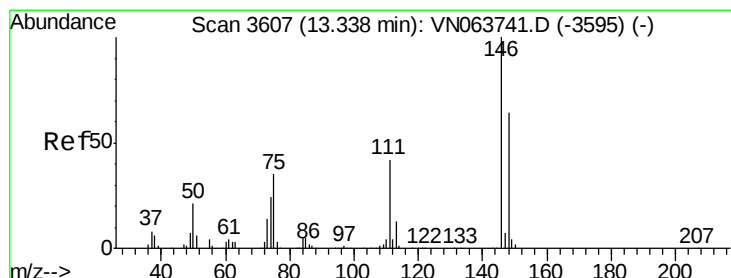
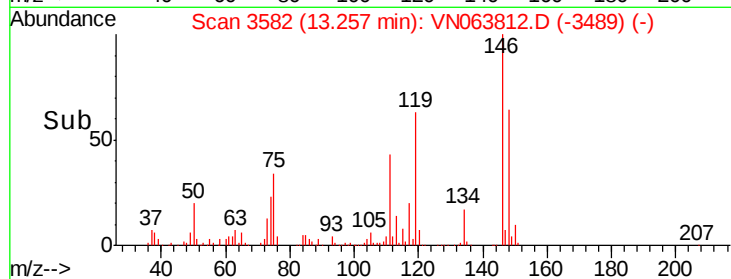
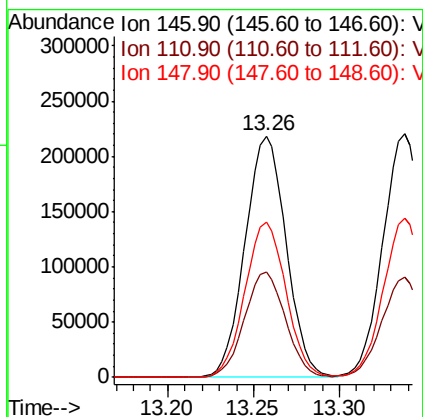
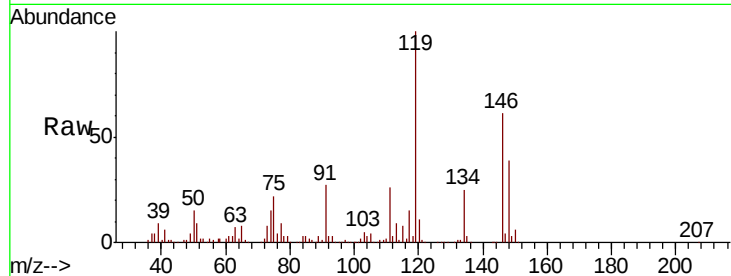




#87
 1,3-Dichlorobenzene
 Concen: 53.178 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN063812.D
 Acq: 2 Oct 2020 10:55

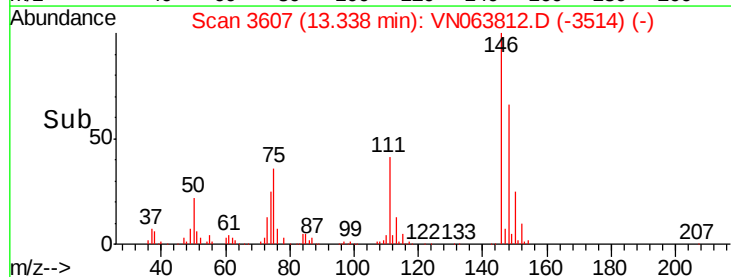
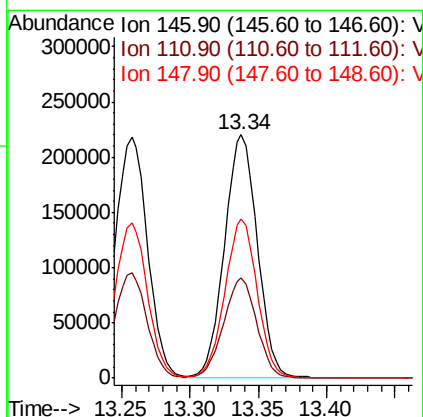
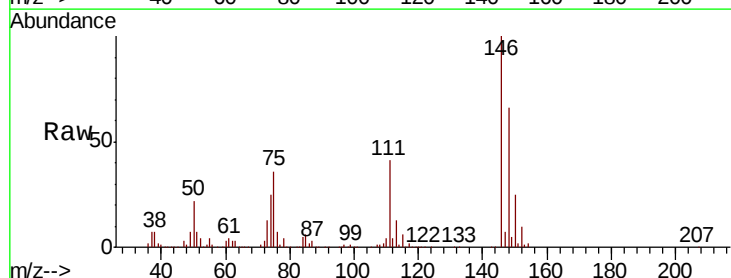
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

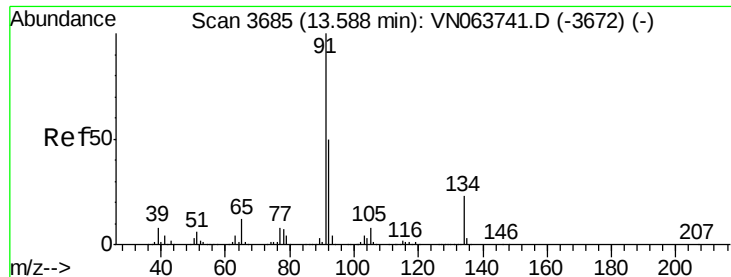
Tot Ion:146 Resp: 361944
 Ion Ratio Lower Upper
 146 100
 111 43.6 21.5 64.5
 148 64.1 31.1 93.3



#88
 1,4-Dichlorobenzene
 Concen: 51.915 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN063812.D
 Acq: 2 Oct 2020 10:55

Tgt Ion:146 Resp: 367912
 Ion Ratio Lower Upper
 146 100
 111 41.1 21.3 63.7
 148 63.7 32.0 96.0





#89

n-Butylbenzene

Concen: 52.130 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. 0.00 min

Lab File: VN063812.D

Acq: 2 Oct 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

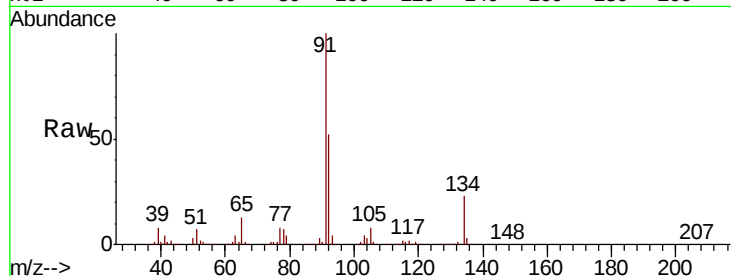
Tot Ion: 91 Resp: 588219

Ion Ratio Lower Upper

91 100

92 50.9 25.4 76.4

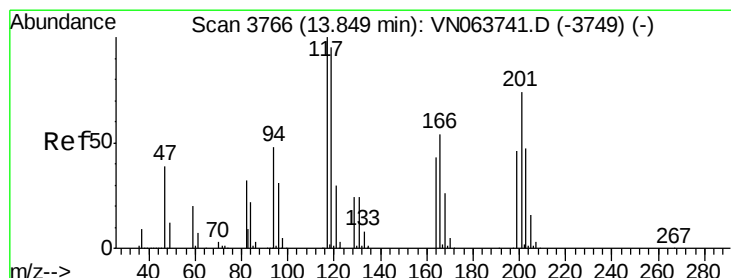
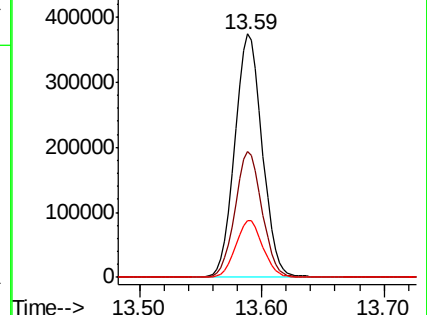
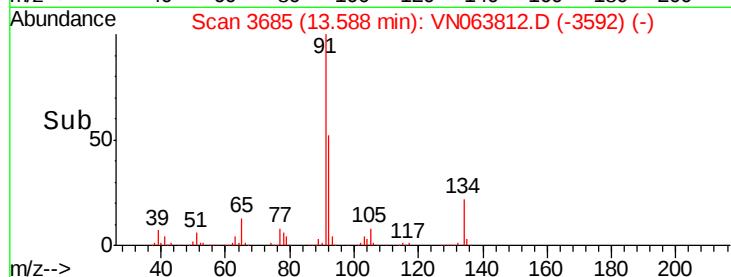
134 23.2 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VN063812.D (-3592) (-)

Ion 92.00 (91.70 to 92.70): VN063812.D (-3592) (-)

Ion 134.00 (133.70 to 134.70): VN063812.D (-3592) (-)



#90

Hexachloroethane

Concen: 52.005 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. 0.00 min

Lab File: VN063812.D

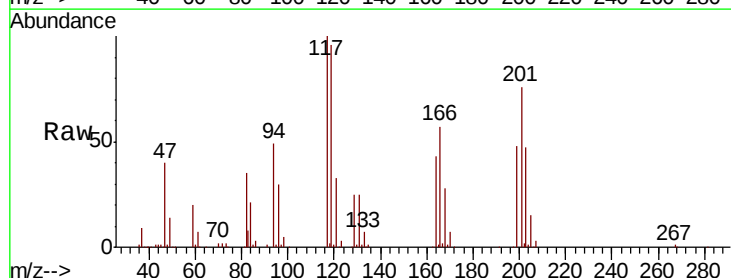
Acq: 2 Oct 2020 10:55

Tgt Ion: 117 Resp: 123202

Ion Ratio Lower Upper

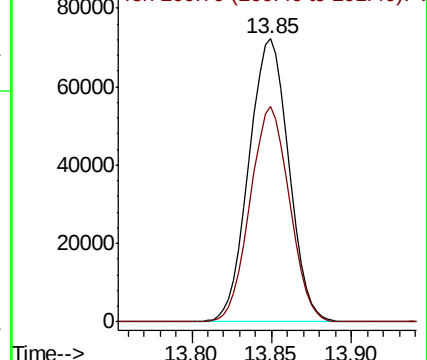
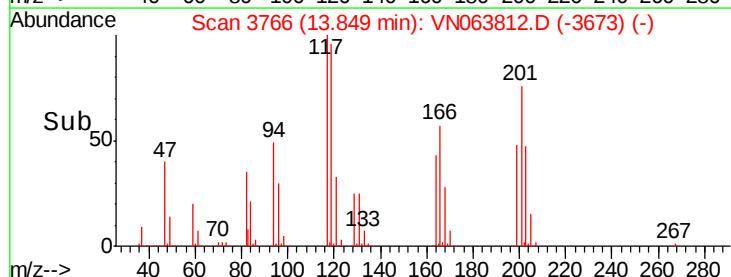
117 100

201 75.1 36.0 108.0



Abundance Ion 116.80 (116.50 to 117.50): VN063812.D (-3673) (-)

Ion 200.70 (200.40 to 201.40): VN063812.D (-3673) (-)

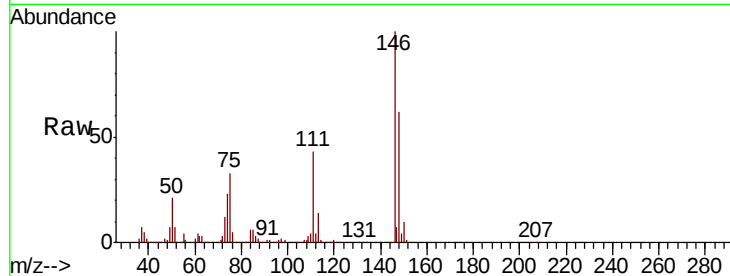




#91
 1,2-Dichlorobenzene
 Concen: 53.423 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN063812.D
 Acq: 2 Oct 2020 10:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.6	22.2	66.6
148	63.5	32.5	97.4

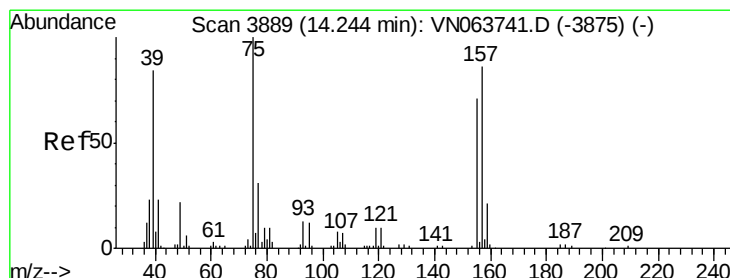
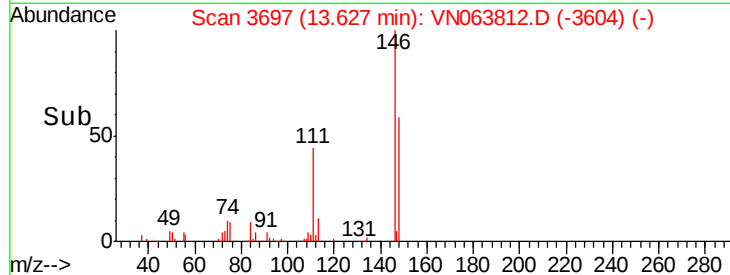
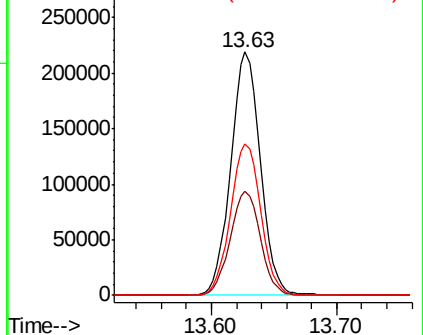


Abundance

Ion 145.90 (145.60 to 146.60): V

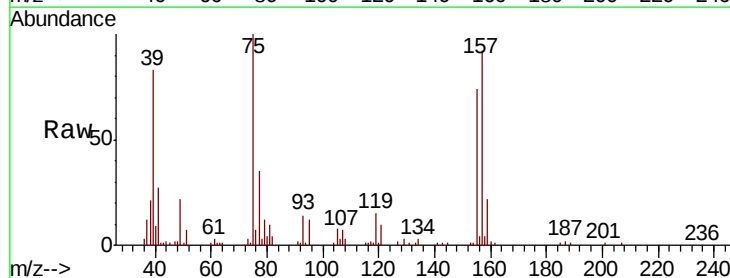
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.125 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN063812.D
 Acq: 2 Oct 2020 10:55

Tgt Ion	Ratio	Lower	Upper
75	100		
155	74.6	34.8	104.5
157	94.1	43.7	131.1

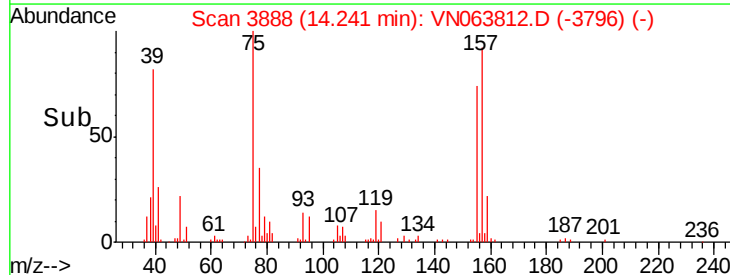
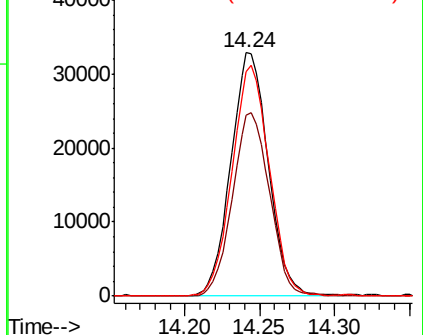


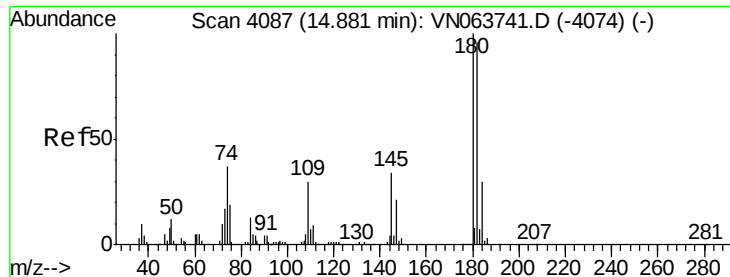
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

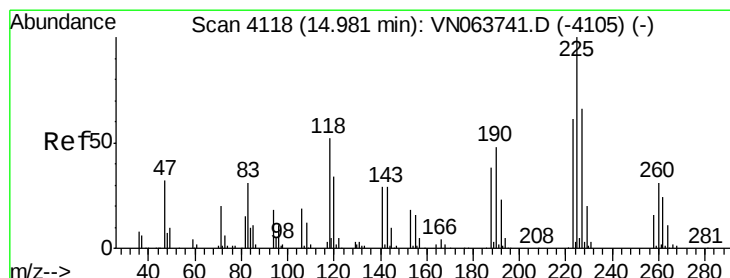
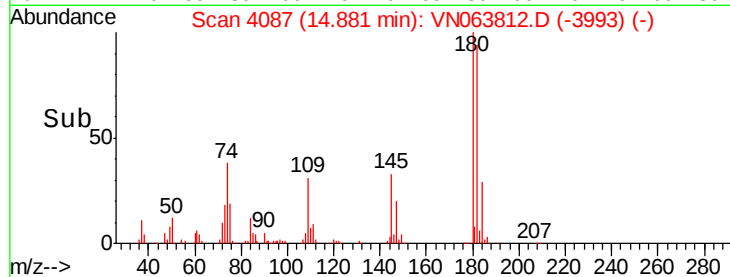
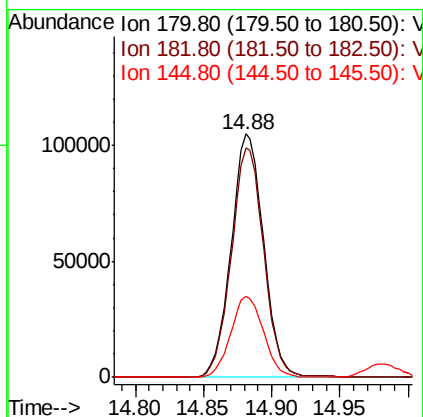
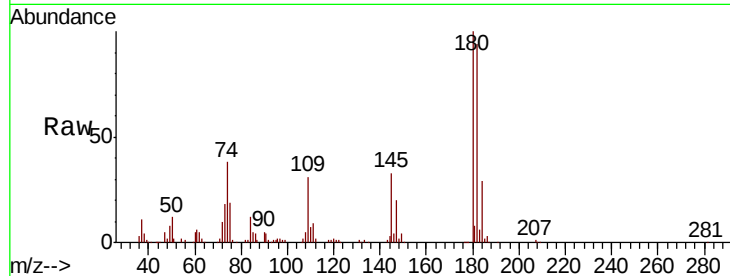




#93
 1,2,4-Trichlorobenzene
 Concen: 47.365 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN063812.D
 Acq: 2 Oct 2020 10:55

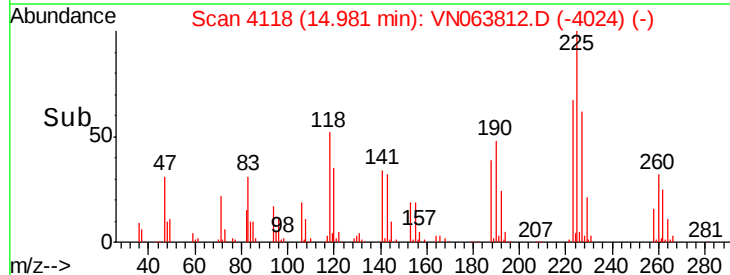
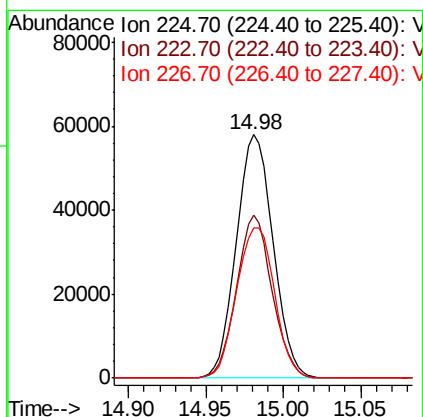
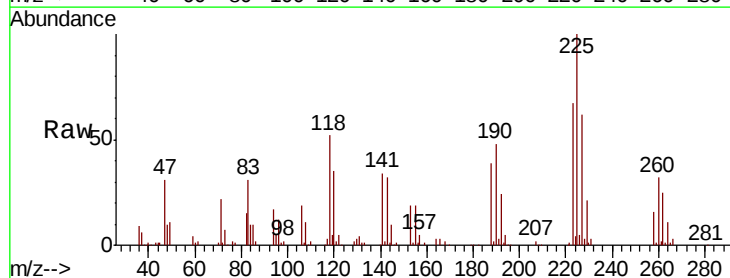
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

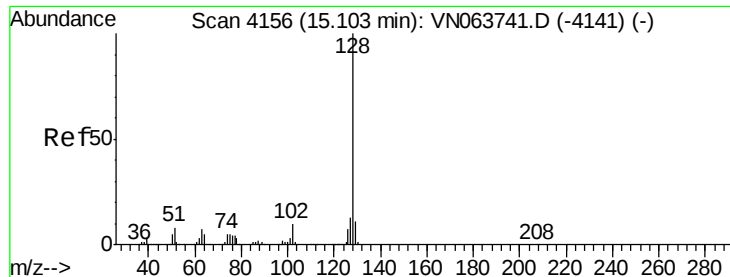
Tot Ion:180 Resp: 173282
 Ion Ratio Lower Upper
 180 100
 182 93.8 48.2 144.6
 145 33.6 17.1 51.2



#94
 Hexachlorobutadiene
 Concen: 52.567 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN063812.D
 Acq: 2 Oct 2020 10:55

Tgt Ion:225 Resp: 96091
 Ion Ratio Lower Upper
 225 100
 223 64.7 30.3 91.0
 227 63.7 31.9 95.5

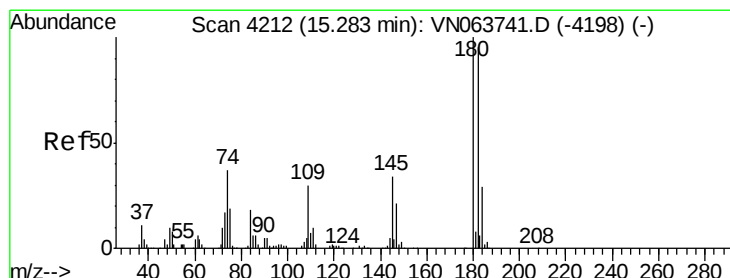
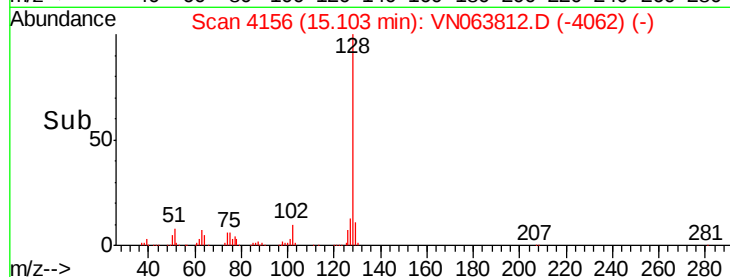
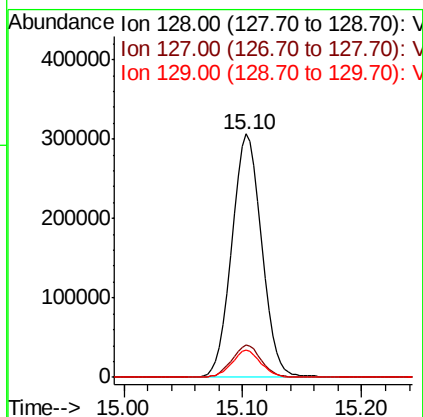
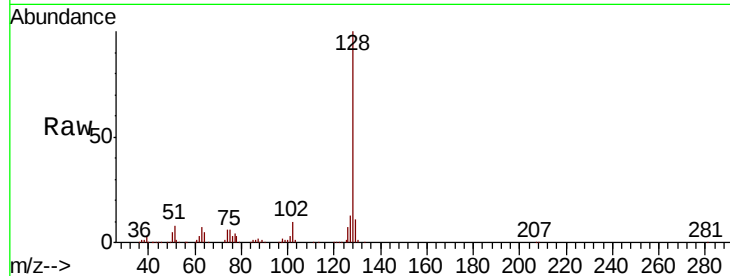




#95
Naphthalene
Concen: 47.160 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN063812.D
Acq: 2 Oct 2020 10:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 533620
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 47.286 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN063812.D
Acq: 2 Oct 2020 10:55

Tgt Ion:180 Resp: 167807
Ion Ratio Lower Upper
180 100
182 95.7 47.9 143.6
145 33.2 17.2 51.5

