

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101220\
 Data File : VN064077.D
 Acq On : 12 Oct 2020 14:44
 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 13 01:07:32 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	270853	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	429565	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	406781	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	194406	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	197224	44.08	ug/l	0.00
Spiked Amount 50.000			Recovery =	88.16%		
35) Dibromofluoromethane	7.55	113	140178	47.03	ug/l	0.00
Spiked Amount 50.000			Recovery =	94.06%		
50) Toluene-d8	10.06	98	530586	46.96	ug/l	0.00
Spiked Amount 50.000			Recovery =	93.92%		
62) 4-Bromofluorobenzene	12.38	95	194739	45.85	ug/l	0.00
Spiked Amount 50.000			Recovery =	91.70%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	115178	40.301	ug/l	99
3) Chloromethane	2.04	50	148662	44.332	ug/l	97
4) Vinyl Chloride	2.16	62	142581	42.357	ug/l	99
5) Bromomethane	2.52	94	91756	43.336	ug/l	99
6) Chloroethane	2.67	64	94066	46.766	ug/l	99
7) Trichlorofluoromethane	2.98	101	233174	43.677	ug/l	98
8) Diethyl Ether	3.37	74	87262	48.331	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.72	101	132153	46.314	ug/l	98
10) Methyl Iodide	3.91	142	154038	46.493	ug/l	98
11) Tert butyl alcohol	4.73	59	148027	299.638	ug/l	100
12) 1,1-Dichloroethene	3.69	96	121617	44.590	ug/l	99
13) Acrolein	3.57	56	72136	237.914	ug/l	98
14) Allyl chloride	4.27	41	267701	52.832	ug/l	87
15) Acrylonitrile	4.93	53	402680	284.761	ug/l	100
16) Acetone	3.77	43	390303	283.352	ug/l	99
17) Carbon Disulfide	4.01	76	321197	43.661	ug/l	100
18) Methyl Acetate	4.28	43	217009	60.678	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	490721	49.523	ug/l	99
20) Methylene Chloride	4.50	84	155333	49.235	ug/l	99
21) trans-1,2-Dichloroethene	4.98	96	136615	44.719	ug/l	93
22) Diisopropyl ether	5.90	45	564757	54.173	ug/l	96
23) Vinyl Acetate	5.84	43	2298861	266.202	ug/l	99
24) 1,1-Dichloroethane	5.80	63	293336	49.211	ug/l	99
25) 2-Butanone	6.78	43	583259	298.665	ug/l	97
26) 2,2-Dichloropropane	6.77	77	249588	45.723	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	166708	47.447	ug/l	99
28) Bromochloromethane	7.15	49	152741	51.845	ug/l	96
29) Tetrahydrofuran	7.16	42	386249	294.894	ug/l	96
30) Chloroform	7.32	83	302889	48.734	ug/l	95
31) Cyclohexane	7.61	56	234661	45.172	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	263479	47.000	ug/l	99
36) 1,1-Dichloropropene	7.75	75	215504	49.519	ug/l	99
37) Ethyl Acetate	6.88	43	242252	56.029	ug/l	98
38) Carbon Tetrachloride	7.73	117	224354	45.974	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	200044	46.094	ug/l	99
40) Benzene	8.00	78	633963	51.002	ug/l	98
41) Methacrylonitrile	7.12	41	103474	53.847	ug/l	91
42) 1,2-Dichloroethane	8.08	62	248555	46.844	ug/l	99
43) Isopropyl Acetate	8.13	43	397042	55.673	ug/l	99
44) Trichloroethene	8.80	130	155761	47.825	ug/l	100
45) 1,2-Dichloropropane	9.08	63	179299	53.411	ug/l	99
46) Dibromomethane	9.17	93	113701	49.098	ug/l	98
47) Bromodichloromethane	9.37	83	244336	51.194	ug/l	97
48) Methyl methacrylate	9.16	41	203535	57.765	ug/l	89
49) 1,4-Dioxane	9.16	88	59836	1194.879	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	1253093	299.409	ug/l	100
52) Toluene	10.12	92	394111	51.260	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	266070	52.006	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	281140	52.544	ug/l	95
55) 1,1,2-Trichloroethane	10.53	97	160843	52.165	ug/l	98
56) Ethyl methacrylate	10.40	69	243962	55.820	ug/l	94
57) 1,3-Dichloropropane	10.68	76	272527	52.243	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.66	63	664139	284.083	ug/l	99
59) 2-Hexanone	10.72	43	920485	296.067	ug/l	100
60) Dibromochloromethane	10.87	129	181103	50.435	ug/l	100
61) 1,2-Dibromoethane	10.98	107	162432	51.500	ug/l	99
64) Tetrachloroethene	10.60	164	139524	44.334	ug/l	98
65) Chlorobenzene	11.41	112	413844	49.596	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	162586	50.824	ug/l	97
67) Ethyl Benzene	11.48	91	769420	50.674	ug/l	99
68) m/p-Xylenes	11.59	106	563692	99.611	ug/l	98
69) o-Xylene	11.92	106	271477	51.327	ug/l	98
70) Styrene	11.94	104	469414	52.283	ug/l	99
71) Bromoform	12.10	173	125717	51.384	ug/l #	97
73) Isopropylbenzene	12.22	105	728909	51.405	ug/l	100
74) N-amyl acetate	12.04	43	346305	52.433	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	235332	54.273	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	327052	76.316	ug/l #	100
77) Bromobenzene	12.50	156	177994	51.157	ug/l	97
78) n-propylbenzene	12.57	91	845085	51.209	ug/l	100
79) 2-Chlorotoluene	12.65	91	516922	50.932	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	619160	52.047	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	84269	56.635	ug/l	95
82) 4-Chlorotoluene	12.75	91	548101	52.021	ug/l	100
83) tert-Butylbenzene	12.97	119	492754	50.639	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	617234	51.968	ug/l	97
85) sec-Butylbenzene	13.15	105	651903	51.006	ug/l	99
86) p-Isopropyltoluene	13.26	119	583853	51.638	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	316934	50.350	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	316926	48.356	ug/l	99
89) n-Butylbenzene	13.59	91	497467	47.670	ug/l	100
90) Hexachloroethane	13.85	117	109188	49.836	ug/l	95
91) 1,2-Dichlorobenzene	13.63	146	310579	49.815	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	50181	49.348	ug/l	96

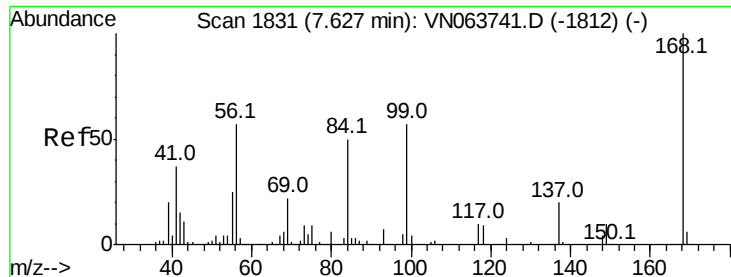
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	140411	41.715	ug/l	98
94) Hexachlorobutadiene	14.98	225	86056	50.906	ug/l	96
95) Naphthalene	15.10	128	412443	39.730	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	143428	43.820	ug/l	97

(#) = 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: VN064077.D

Acq: 12 Oct 2020 14:44

Instrument :

MSVOA_N

ClientSampleId :

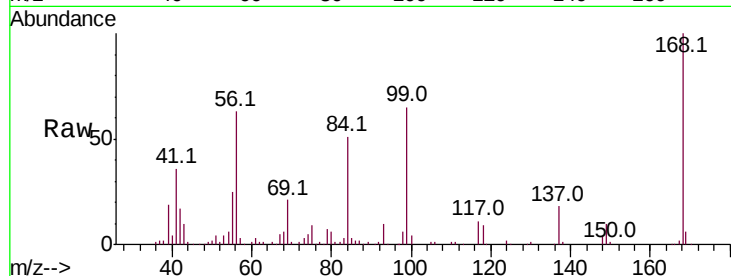
VSTDCCC050

Tot Ion:168 Resp: 270853

Ion Ratio Lower Upper

168 100

99 64.2 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

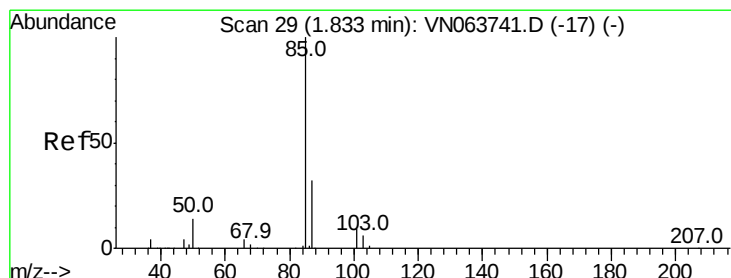
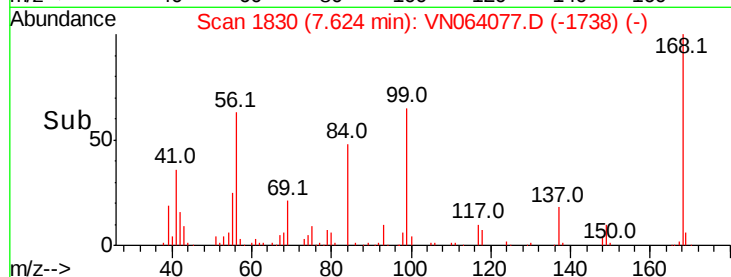
100000

50000

0

Time-->

7.55 7.60 7.65 7.70



#2

Dichlorodifluoromethane

Concen: 40.301 ug/l

RT: 1.83 min Scan# 28

Delta R.T. -0.00 min

Lab File: VN064077.D

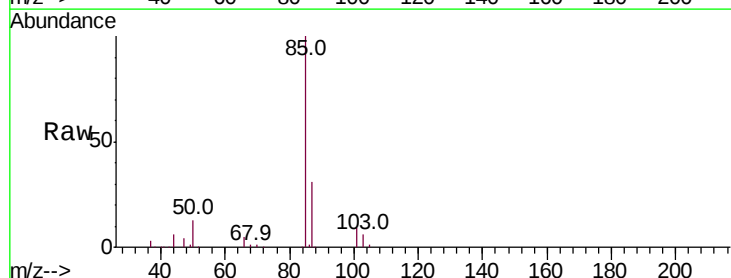
Acq: 12 Oct 2020 14:44

Tgt Ion: 85 Resp: 115178

Ion Ratio Lower Upper

85 100

87 31.2 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

100000

80000

60000

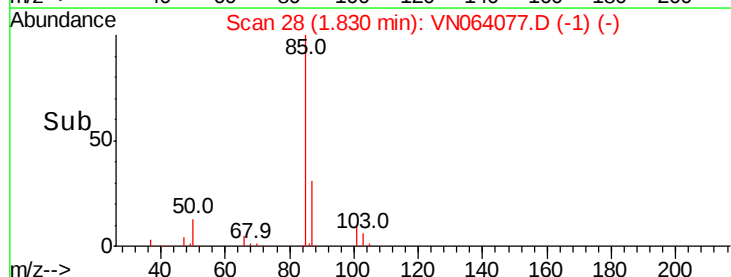
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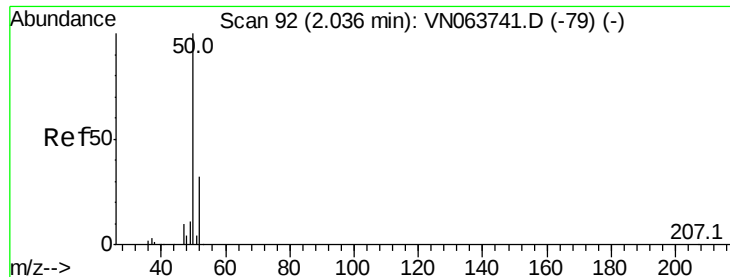
20000

0

Time-->

1.75 1.80 1.85 1.90 1.95





#3

Chloromethane

Concen: 44.332 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN064077.D

Acq: 12 Oct 2020 14:44

Instrument :

MSVOA_N

ClientSampleId :

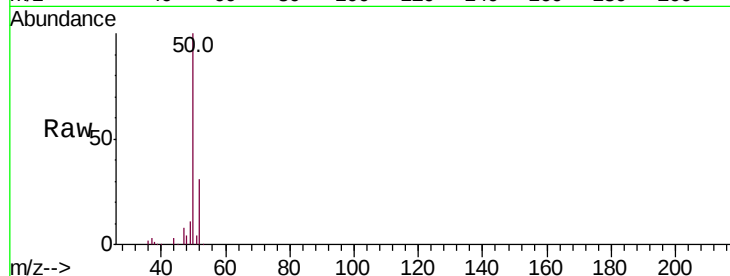
VSTDCCC050

Tot Ion: 50 Resp: 148662

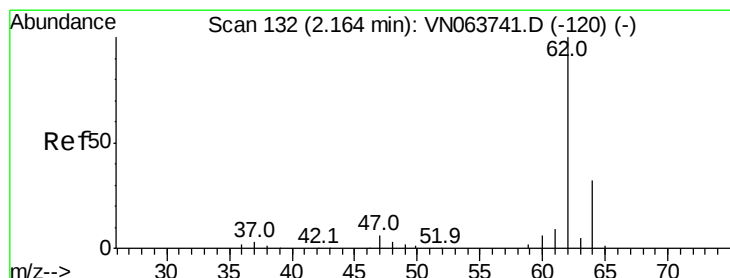
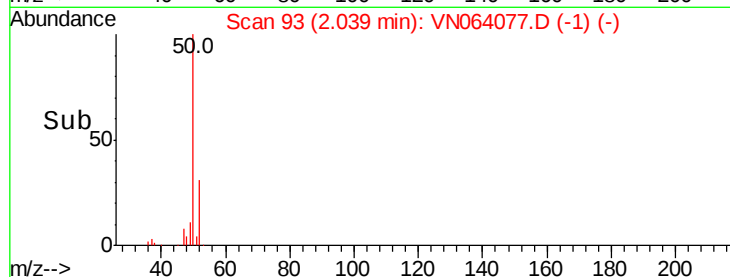
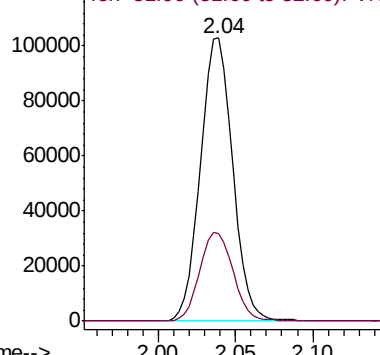
Ion Ratio Lower Upper

50 100

52 30.9 25.8 38.8



Abundance Ion 49.90 (49.60 to 50.60): VNO
Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 42.357 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN064077.D

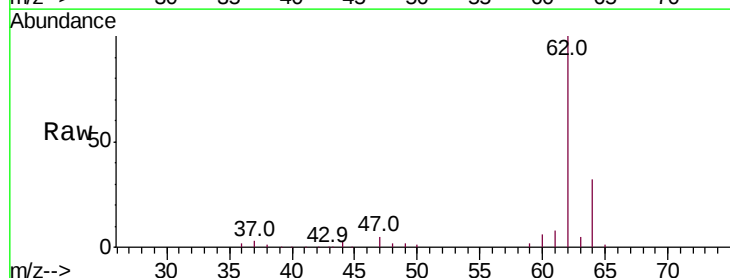
Acq: 12 Oct 2020 14:44

Tgt Ion: 62 Resp: 142581

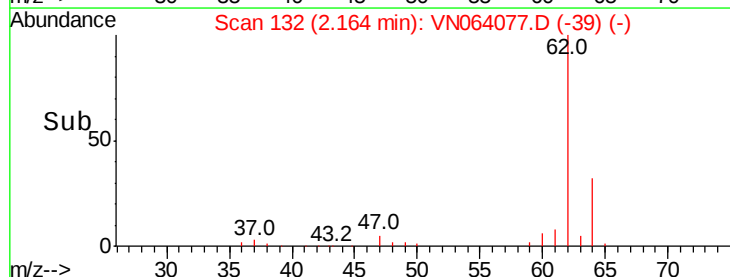
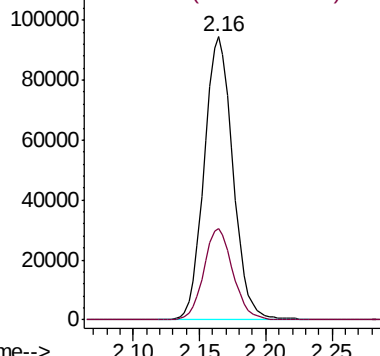
Ion Ratio Lower Upper

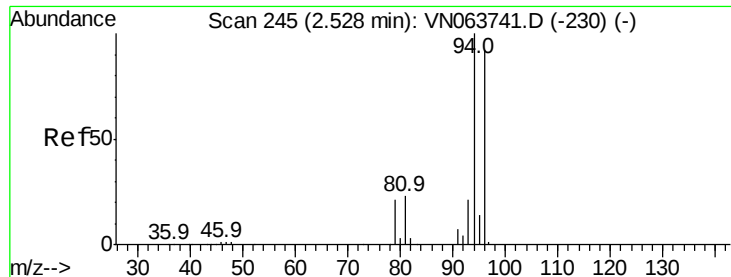
62 100

64 32.3 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VNO
Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 43.336 ug/l

RT: 2.52 min Scan# 243

Delta R.T. -0.01 min

Lab File: VN064077.D

Acq: 12 Oct 2020 14:44

Instrument :

MSVOA_N

ClientSampleId :

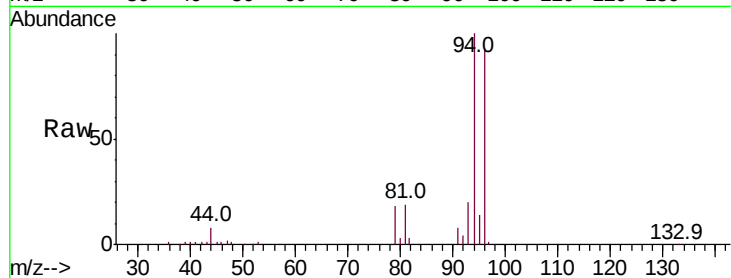
VSTDCCC050

Tot Ion: 94 Resp: 91756

Ion Ratio Lower Upper

94 100

96 93.0 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

50000

40000

30000

20000

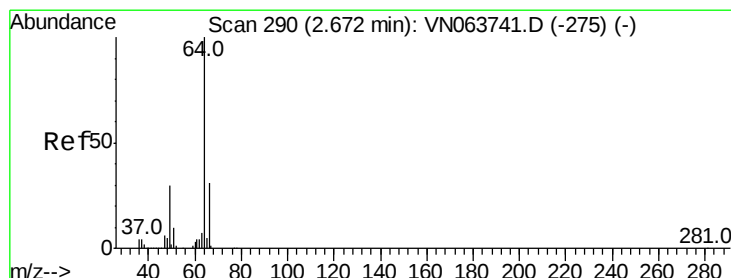
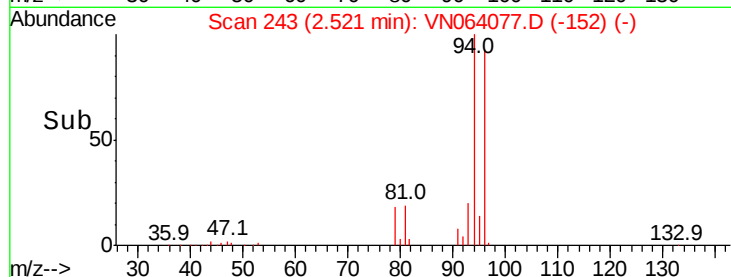
10000

0

Time-->

2.50

2.60



#6

Chloroethane

Concen: 46.766 ug/l

RT: 2.67 min Scan# 288

Delta R.T. -0.01 min

Lab File: VN064077.D

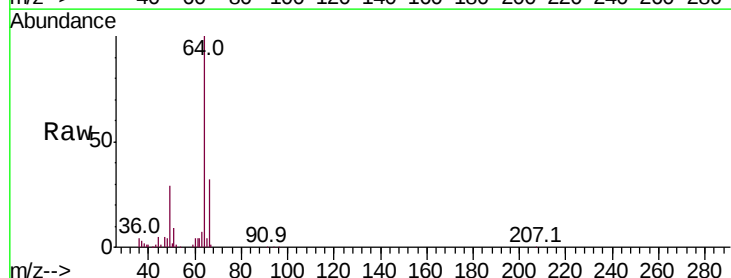
Acq: 12 Oct 2020 14:44

Tgt Ion: 64 Resp: 94066

Ion Ratio Lower Upper

64 100

66 32.2 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

50000

40000

30000

20000

10000

0

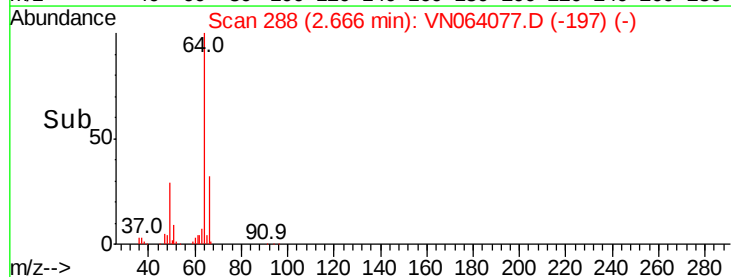
Time-->

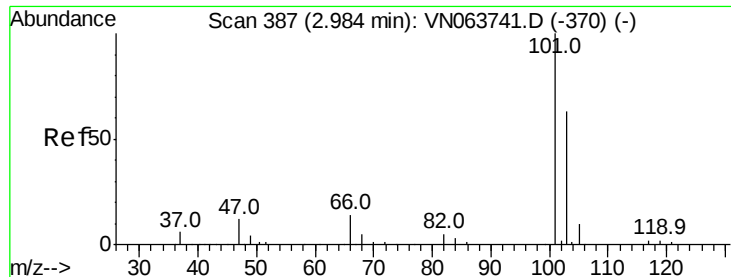
2.60

2.65

2.70

2.75



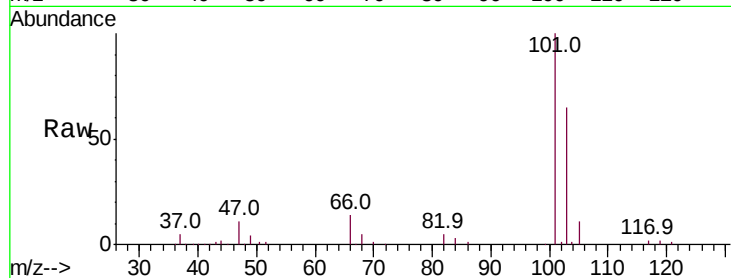


#7

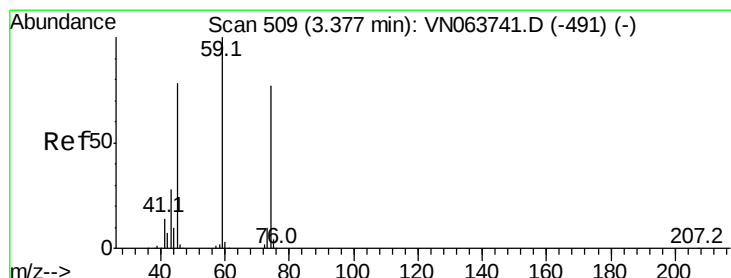
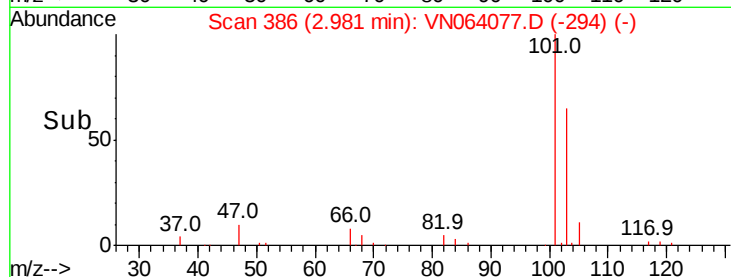
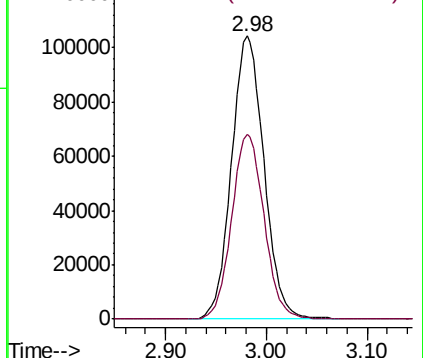
Trichlorofluoromethane
 Concen: 43.677 ug/l
 RT: 2.98 min Scan# 386
 Delta R.T. -0.00 min
 Lab File: VN064077.D
 Acq: 12 Oct 2020 14:44

Instrument :
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 ClientSampleId :
 VSTDCCC050

Tot Ion:101 Resp: 233174
 Ion Ratio Lower Upper
 101 100
 103 65.1 50.7 76.1



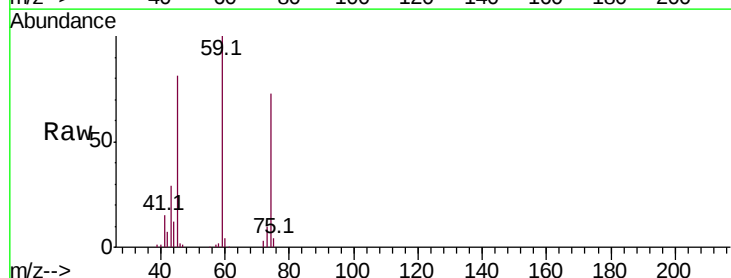
Abundance Ion 100.90 (100.60 to 101.60): V
 120000 Ion 102.80 (102.50 to 103.50): V



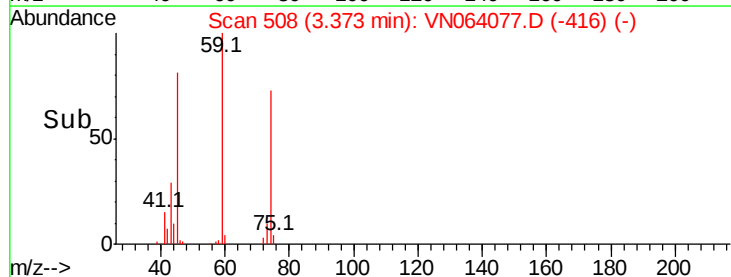
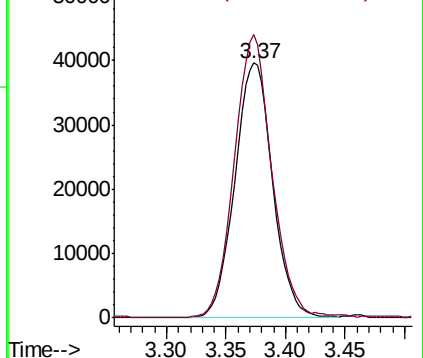
#8

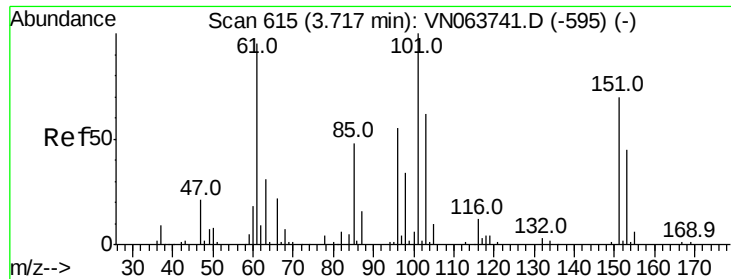
Diethyl Ether
 Concen: 48.331 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN064077.D
 Acq: 12 Oct 2020 14:44

Tgt Ion: 74 Resp: 87262
 Ion Ratio Lower Upper
 74 100
 45 110.7 50.9 152.8



Abundance Ion 74.00 (73.70 to 74.70): VNO
 50000 Ion 45.00 (44.70 to 45.70): VNO





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.314 ug/l

RT: 3.72 min Scan# 615

Delta R.T. -0.00 min

Lab File: VN064077.D

Acq: 12 Oct 2020 14:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

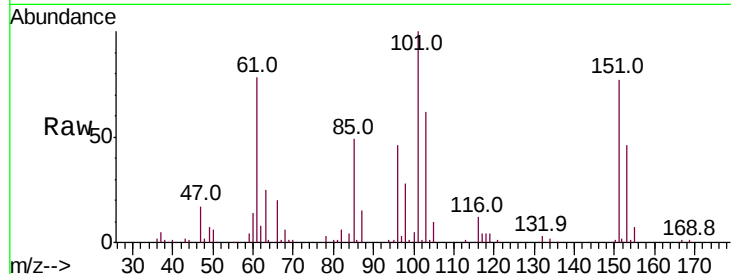
Tot Ion:101 Resp: 132153

Ion Ratio Lower Upper

101 100

85 47.5 38.6 58.0

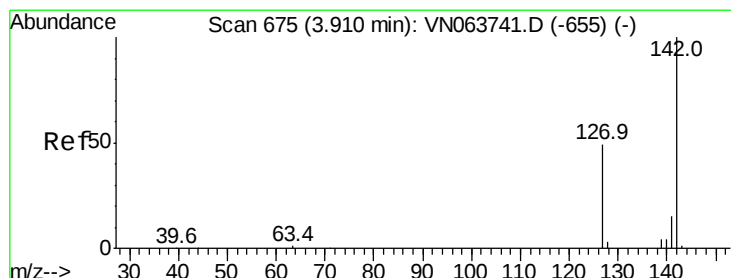
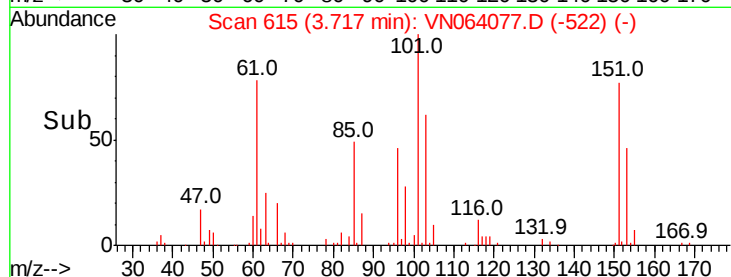
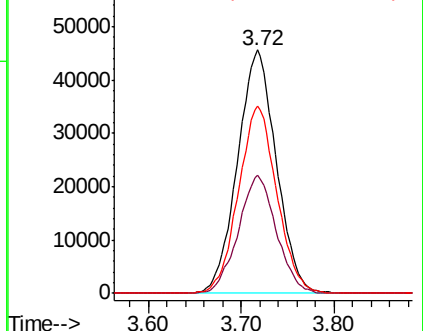
151 76.0 58.7 88.1



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: 46.493 ug/l

RT: 3.91 min Scan# 675

Delta R.T. -0.00 min

Lab File: VN064077.D

Acq: 12 Oct 2020 14:44

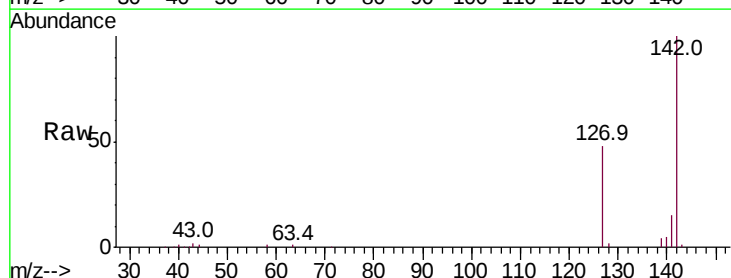
Tgt Ion:142 Resp: 154038

Ion Ratio Lower Upper

142 100

127 49.1 40.5 60.7

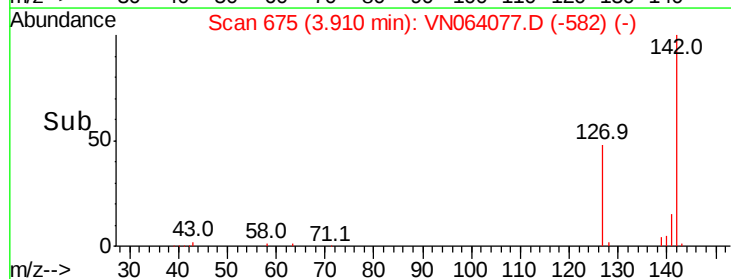
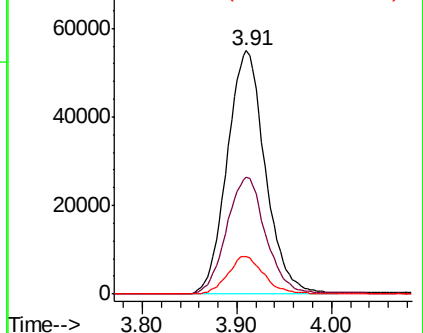
141 14.7 11.7 17.5

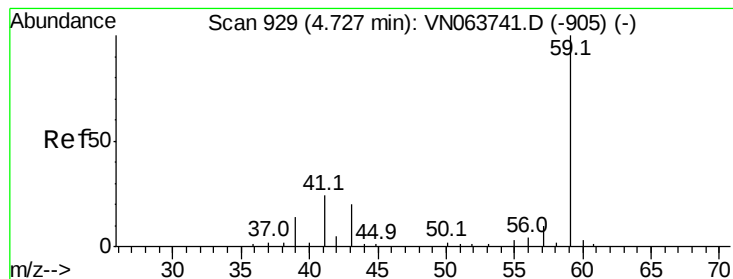


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



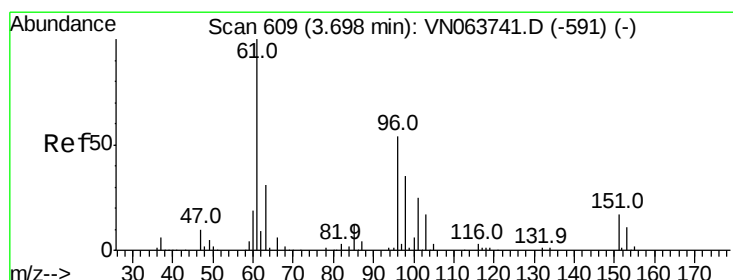
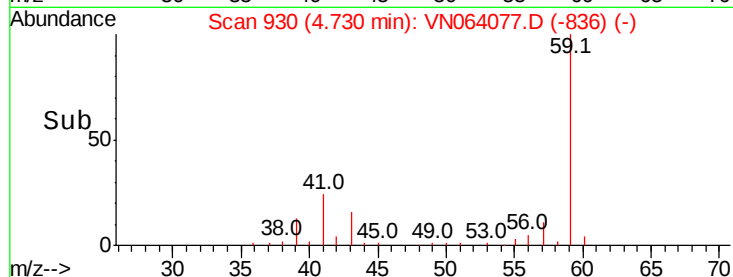
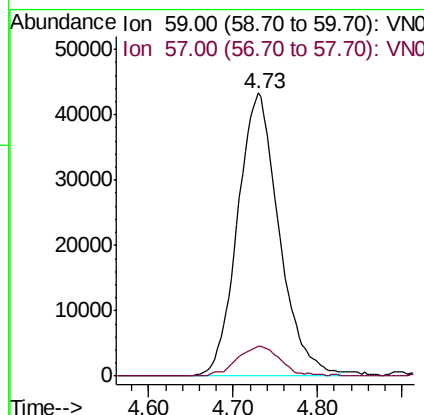
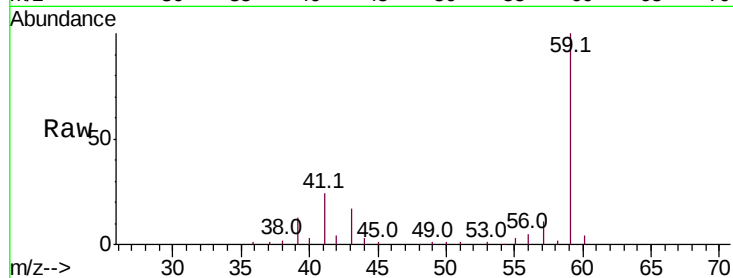


#11

Tert butyl alcohol
 Concen: 299.638 ug/l
 RT: 4.73 min Scan# 930
 Delta R.T. 0.00 min
 Lab File: VN064077.D
 Acq: 12 Oct 2020 14:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

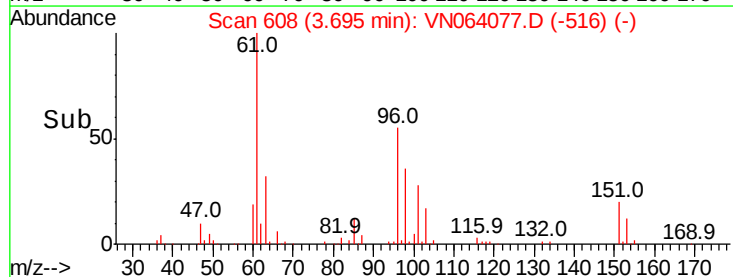
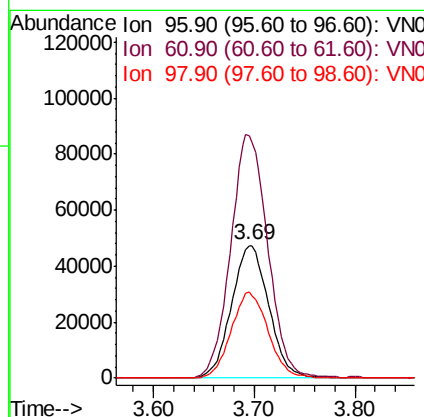
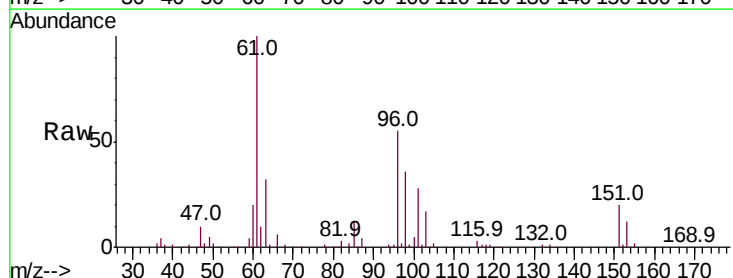
Tot Ion: 59 Resp: 148027
 Ion Ratio Lower Upper
 59 100
 57 10.7 8.7 13.1

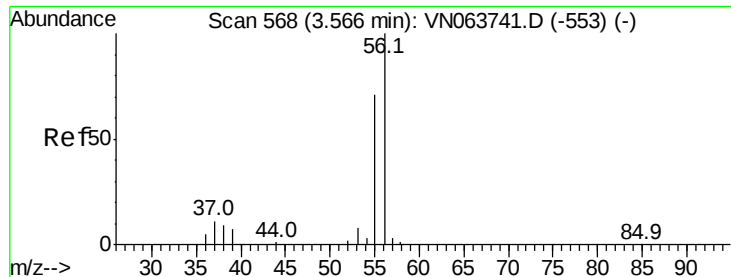


#12

1,1-Dichloroethene
 Concen: 44.590 ug/l
 RT: 3.69 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: VN064077.D
 Acq: 12 Oct 2020 14:44

Tgt Ion: 96 Resp: 121617
 Ion Ratio Lower Upper
 96 100
 61 182.3 147.7 221.5
 98 65.1 51.9 77.9





#13

Acrolein

Concen: 237.914 ug/l

RT: 3.57 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN064077.D

Acq: 12 Oct 2020 14:44

Instrument :

MSVOA_N

ClientSampleId :

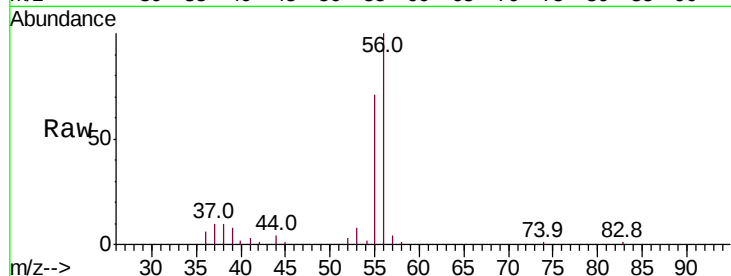
VSTDCCC050

Tot Ion: 56 Resp: 72136

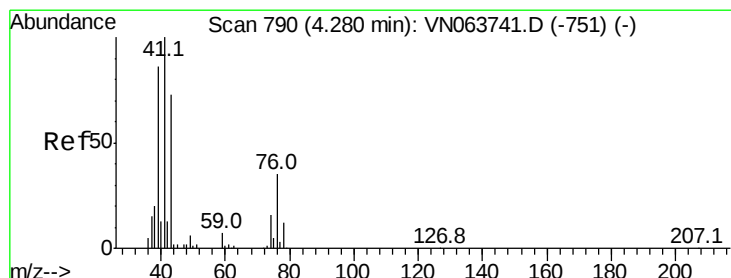
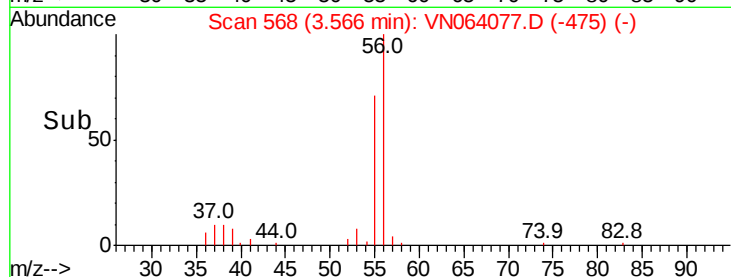
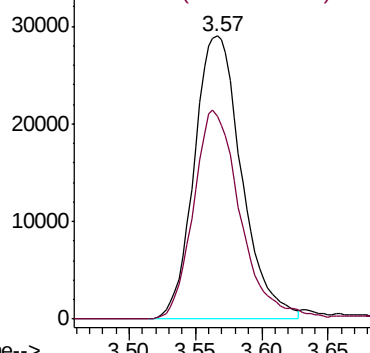
Ion Ratio Lower Upper

56 100

55 73.1 56.9 85.3



Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 55.00 (54.70 to 55.70): VNO



#14

Allyl chloride

Concen: 52.832 ug/l

RT: 4.27 min Scan# 788

Delta R.T. -0.01 min

Lab File: VN064077.D

Acq: 12 Oct 2020 14:44

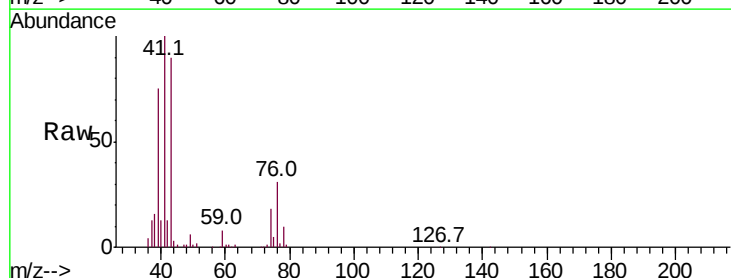
Tgt Ion: 41 Resp: 267701

Ion Ratio Lower Upper

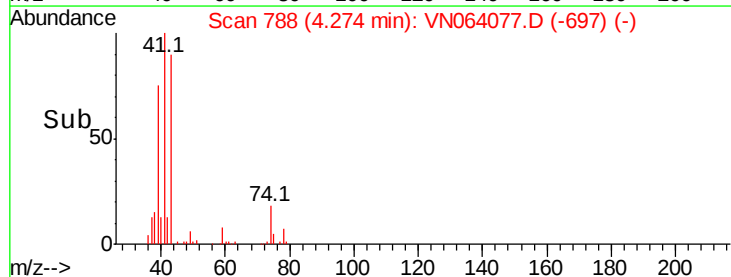
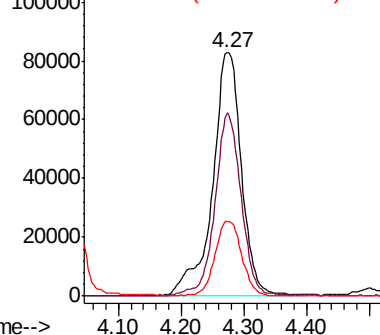
41 100

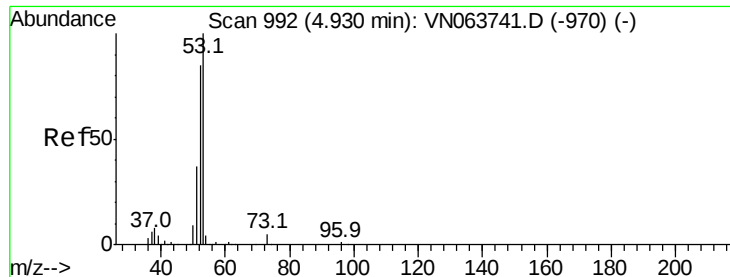
39 67.6 64.5 96.7

76 27.5 25.9 38.9



Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 75.90 (75.60 to 76.60): VNO





#15

Acrylonitrile

Concen: 284.761 ug/l

RT: 4.93 min Scan# 991

Delta R.T. -0.00 min

Lab File: VN064077.D

Acq: 12 Oct 2020 14:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

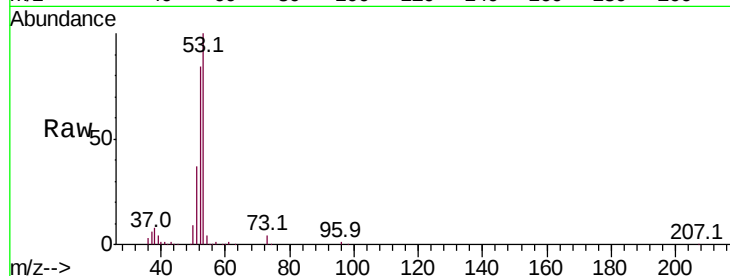
Tot Ion: 53 Resp: 402680

Ion Ratio Lower Upper

53 100

52 82.6 66.5 99.7

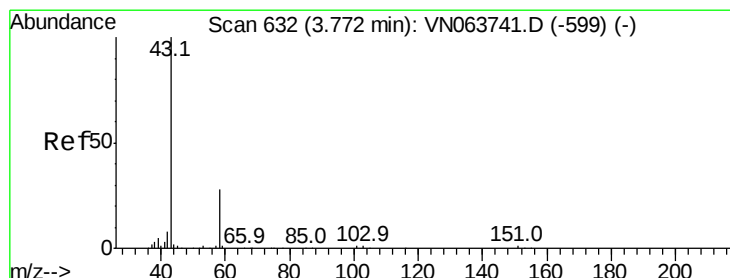
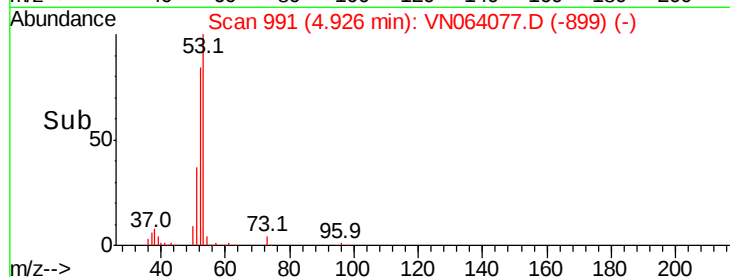
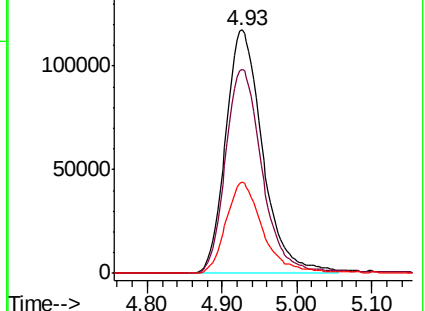
51 37.2 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VN064077.D (-991) (-)

Ion 52.00 (51.70 to 52.70): VN064077.D (-991) (-)

Ion 51.00 (50.70 to 51.70): VN064077.D (-991) (-)



#16

Acetone

Concen: 283.352 ug/l

RT: 3.77 min Scan# 632

Delta R.T. -0.00 min

Lab File: VN064077.D

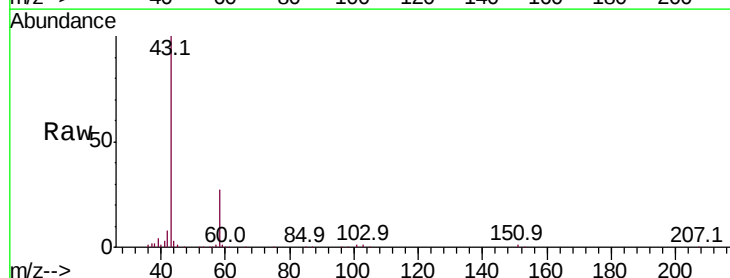
Acq: 12 Oct 2020 14:44

Tgt Ion: 43 Resp: 390303

Ion Ratio Lower Upper

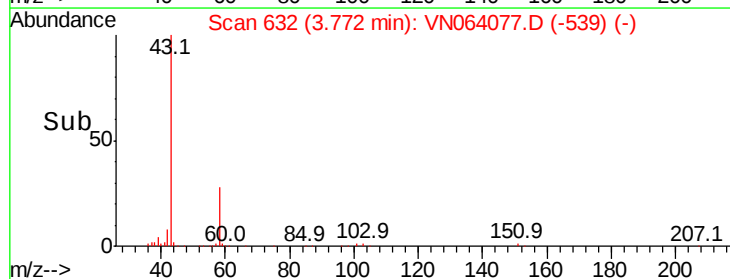
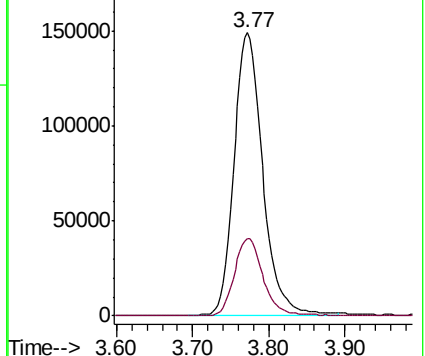
43 100

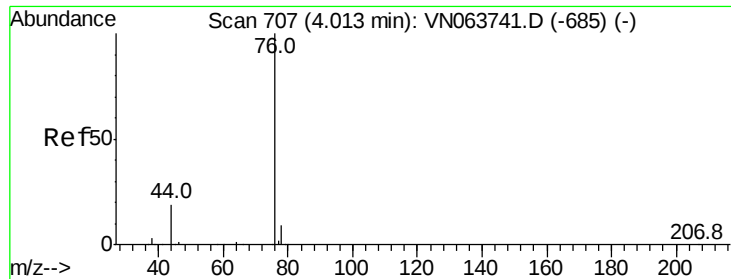
58 27.4 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN064077.D (-632) (-)

Ion 58.00 (57.70 to 58.70): VN064077.D (-632) (-)

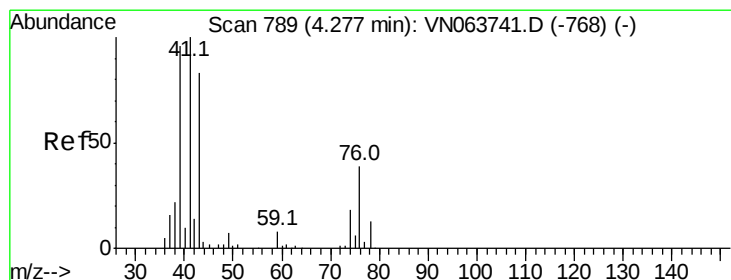
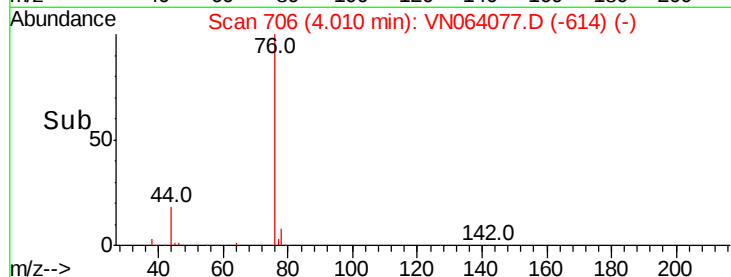
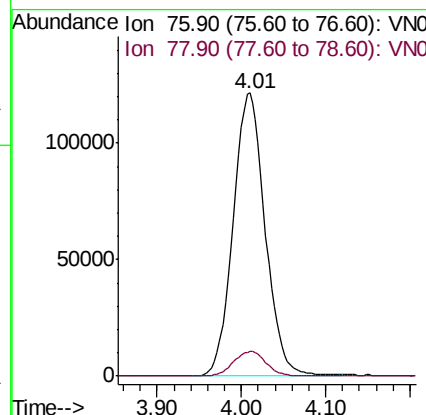
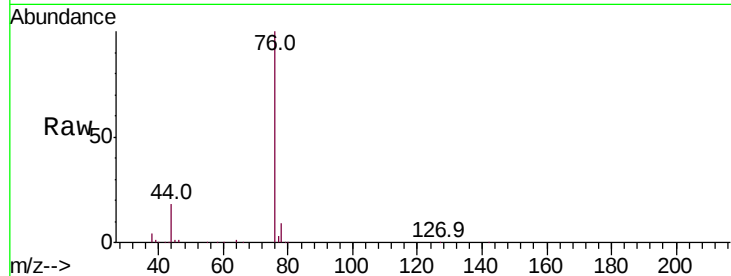




#17
Carbon Disulfide
Concen: 43.661 ug/l
RT: 4.01 min Scan# 706
Delta R.T. -0.00 min
Lab File: VN064077.D
Acq: 12 Oct 2020 14:44

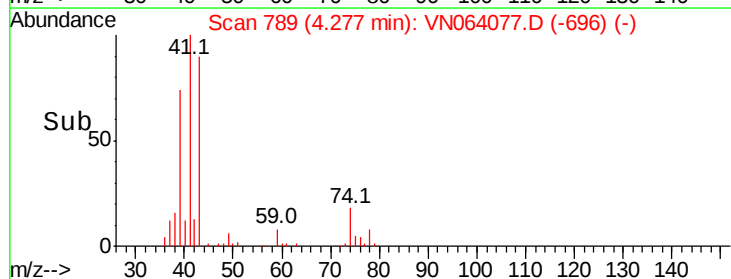
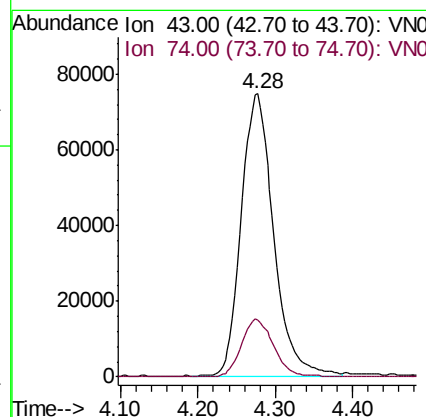
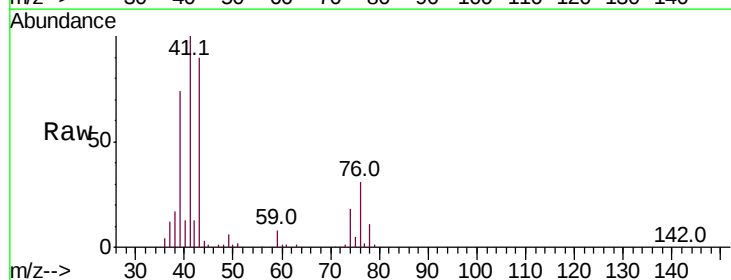
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

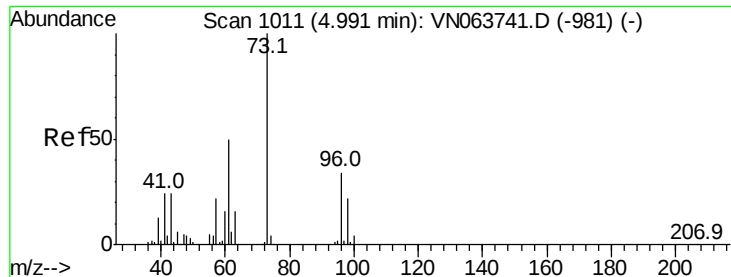
Tot Ion: 76 Resp: 321197
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.4



#18
Methyl Acetate
Concen: 60.678 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN064077.D
Acq: 12 Oct 2020 14:44

Tgt Ion: 43 Resp: 217009
Ion Ratio Lower Upper
43 100
74 20.2 17.4 26.2

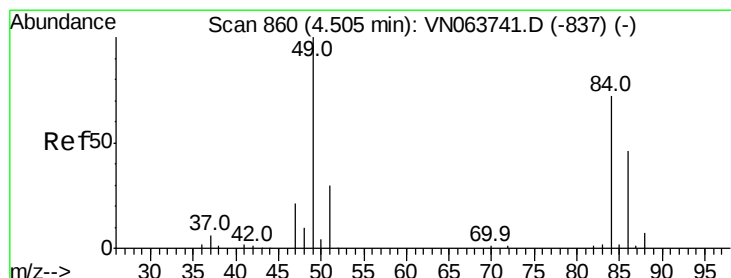
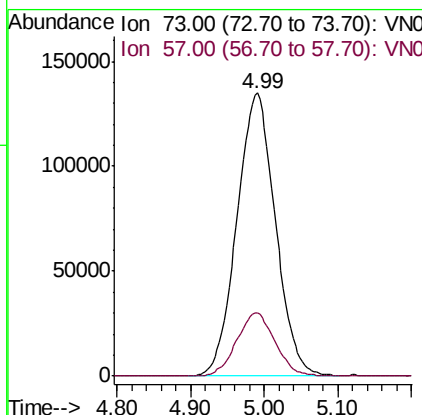
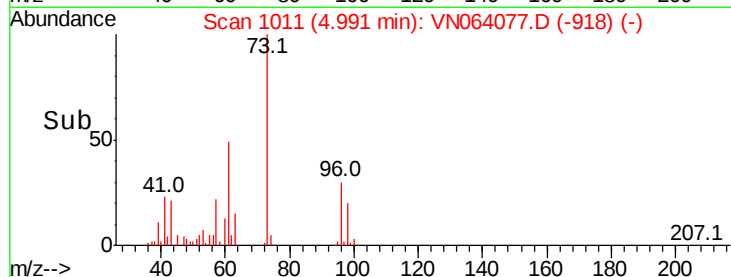
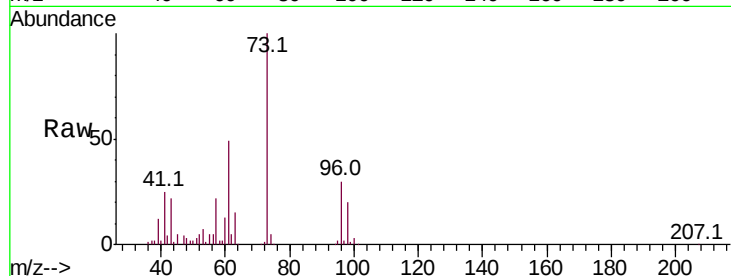




#19
Methvl tert-butvl Ether
Concen: 49.523 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VN064077.D
Acq: 12 Oct 2020 14:44

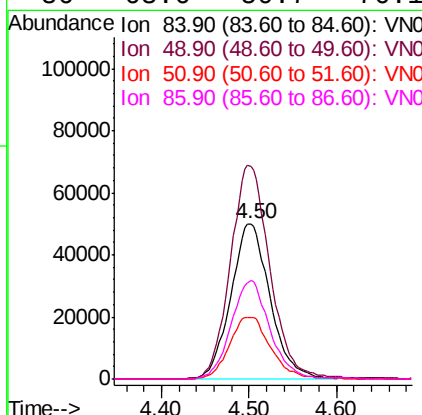
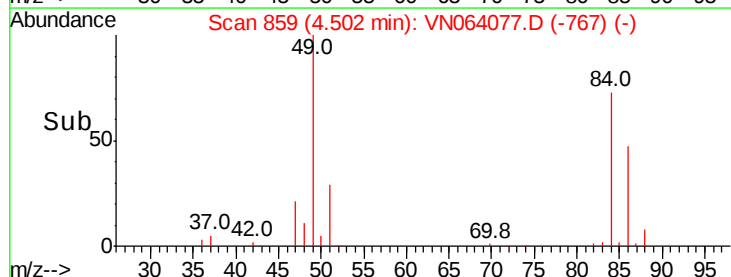
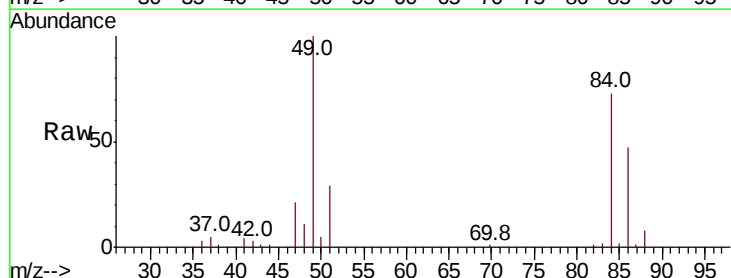
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

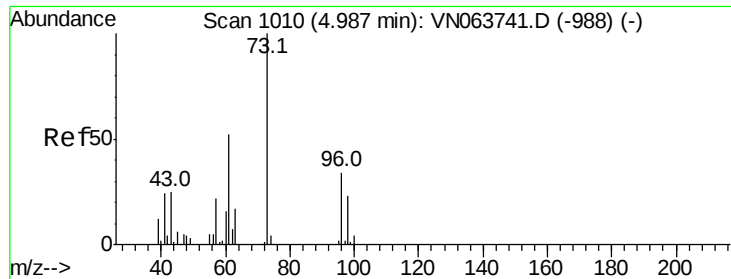
Tot Ion: 73 Resp: 490721
Ion Ratio Lower Upper
73 100
57 22.4 17.6 26.4



#20
Methylene Chloride
Concen: 49.235 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN064077.D
Acq: 12 Oct 2020 14:44

Tgt Ion: 84 Resp: 155333
Ion Ratio Lower Upper
84 100
49 136.3 110.4 165.6
51 40.0 33.3 49.9
86 63.6 50.7 76.1





#21

trans-1,2-Dichloroethene

Concen: 44.719 ug/l

RT: 4.98 min Scan# 1009

Delta R.T. -0.00 min

Lab File: VN064077.D

Acq: 12 Oct 2020 14:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

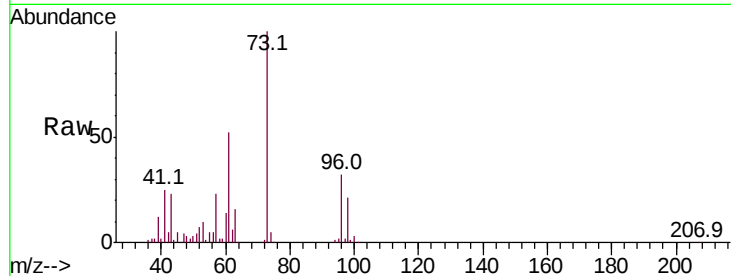
Tot Ion: 96 Resp: 136615

Ion Ratio Lower Upper

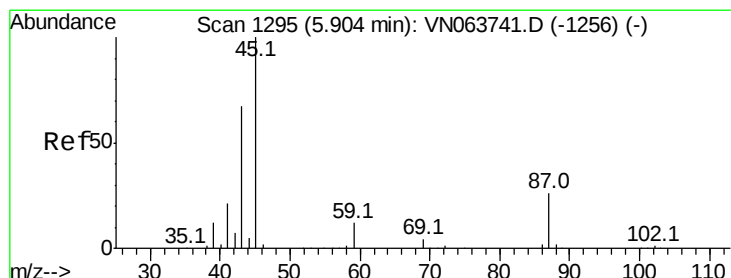
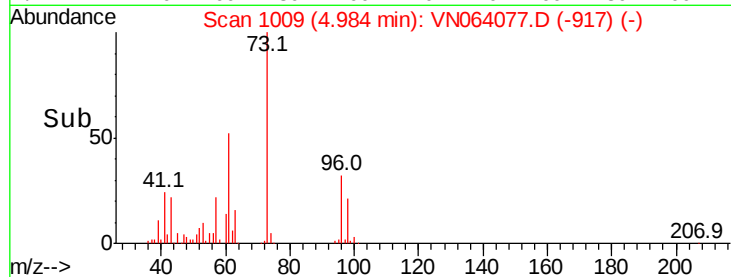
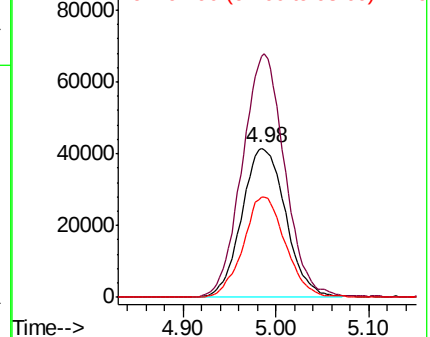
96 100

61 161.4 120.2 180.2

98 66.8 52.6 79.0



Abundance Ion 95.90 (95.60 to 96.60): VNC
Ion 60.90 (60.60 to 61.60): VNC
Ion 97.90 (97.60 to 98.60): VNC



#22

Diisopropyl ether

Concen: 54.173 ug/l

RT: 5.90 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VN064077.D

Acq: 12 Oct 2020 14:44

Tgt Ion: 45 Resp: 564757

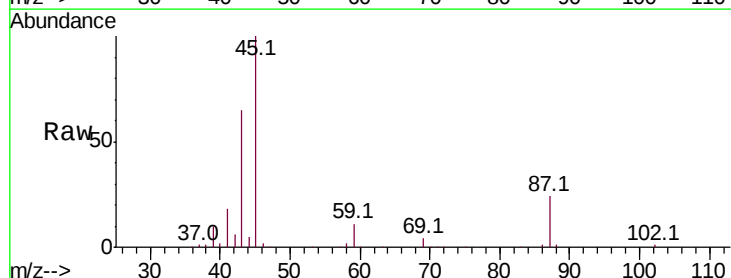
Ion Ratio Lower Upper

45 100

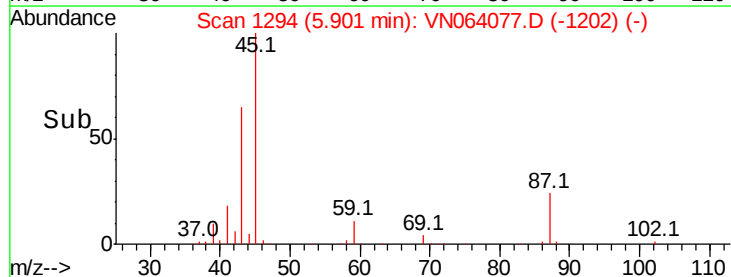
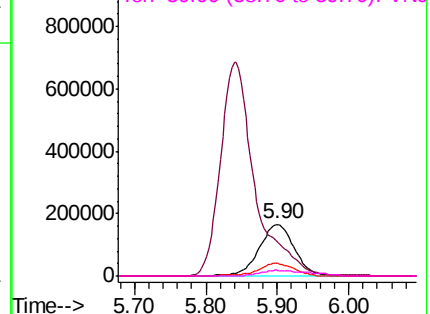
43 64.0 53.7 80.5

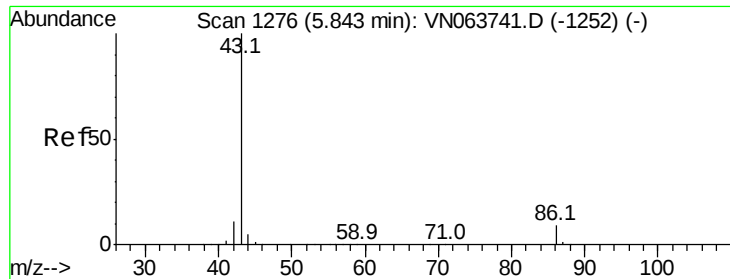
87 23.9 21.1 31.7

59 10.9 9.2 13.8



Abundance Ion 45.00 (44.70 to 45.70): VNC
Ion 43.00 (42.70 to 43.70): VNC
Ion 87.00 (86.70 to 87.70): VNC
Ion 59.00 (58.70 to 59.70): VNC





#23

Vinyl Acetate

Concen: 266.202 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. -0.00 min

Lab File: VN064077.D

Acq: 12 Oct 2020 14:44

Instrument :

MSVOA_N

ClientSampleId :

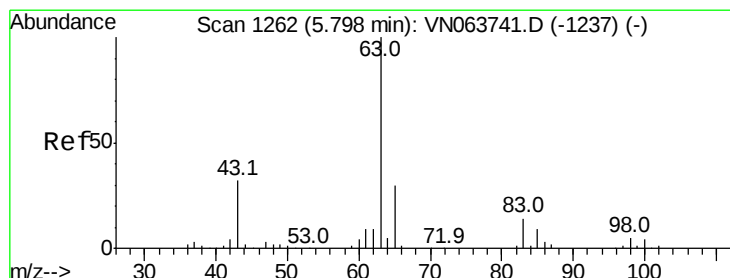
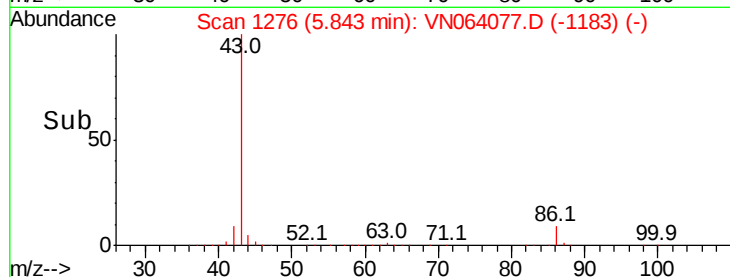
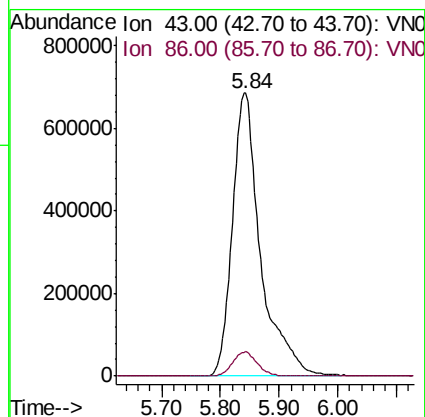
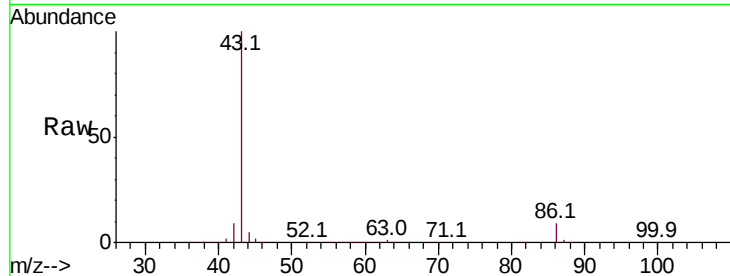
VSTDCCC050

Tot Ion: 43 Resp: 2298861

Ion Ratio Lower Upper

43 100

86 8.6 7.3 10.9



#24

1,1-Dichloroethane

Concen: 49.211 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. -0.00 min

Lab File: VN064077.D

Acq: 12 Oct 2020 14:44

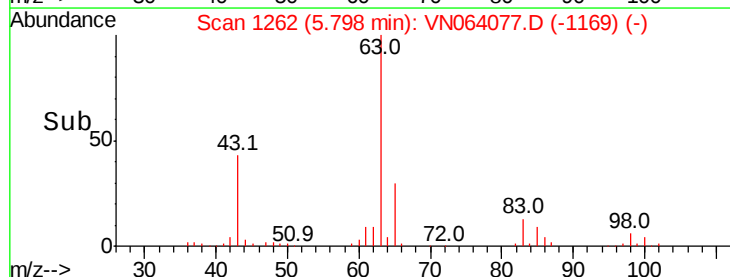
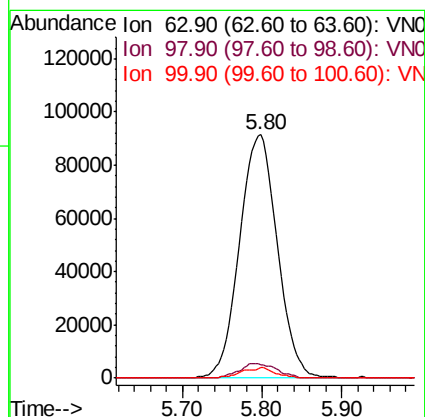
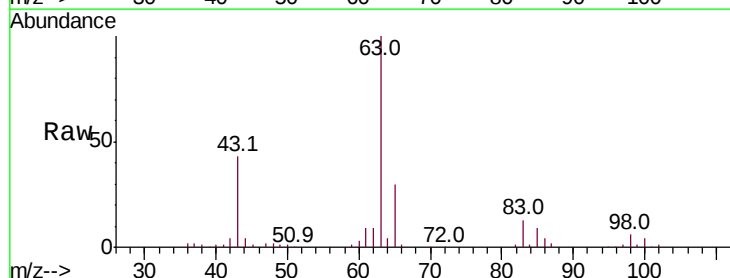
Tgt Ion: 63 Resp: 293336

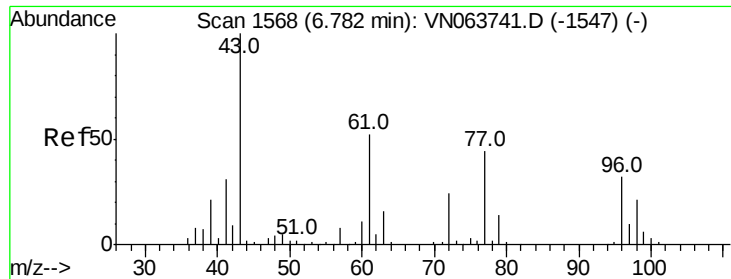
Ion Ratio Lower Upper

63 100

98 5.5 2.7 8.1

100 4.5 1.9 5.7

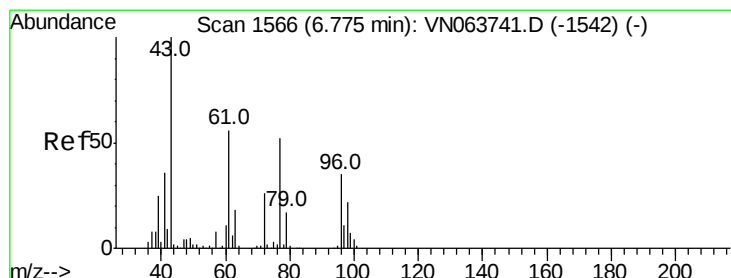
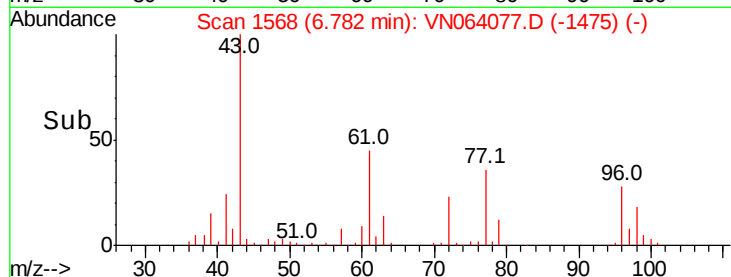
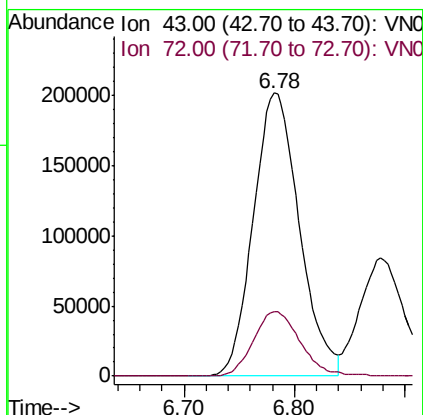
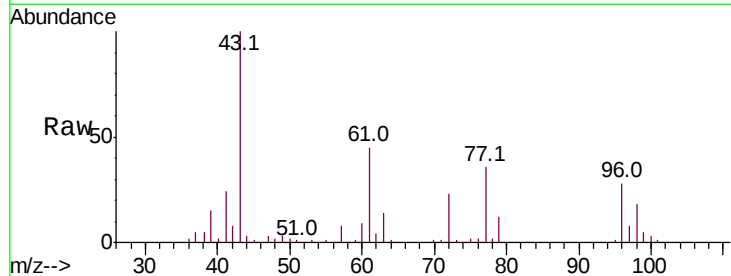




#25
2-Butanone
Concen: 298.665 ug/l
RT: 6.78 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VN064077.D
Acq: 12 Oct 2020 14:44

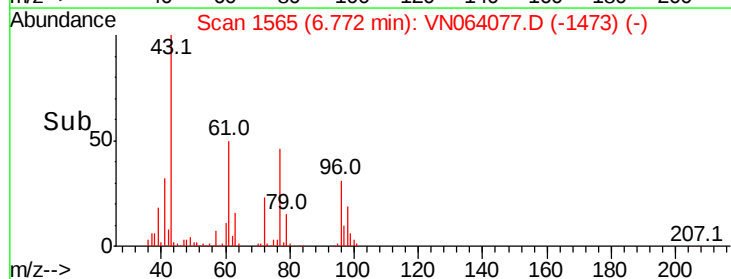
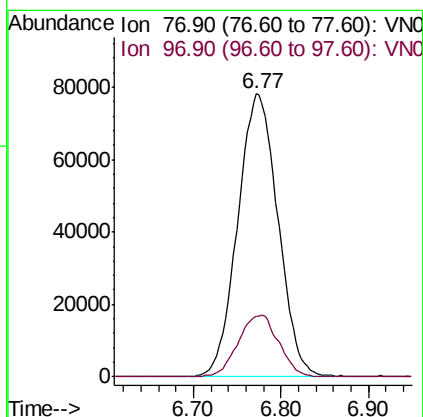
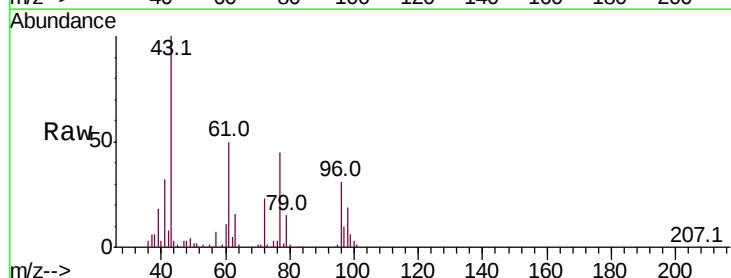
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

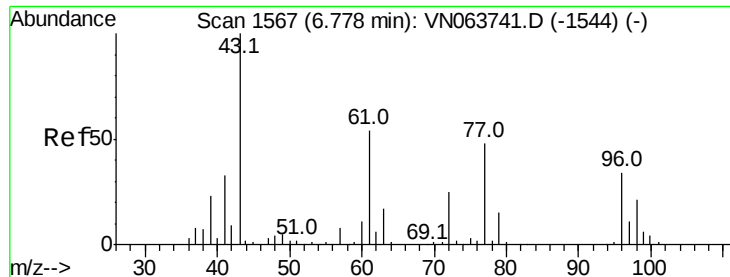
Tot Ion: 43 Resp: 583259
Ion Ratio Lower Upper
43 100
72 22.7 19.3 28.9



#26
2,2-Dichloropropane
Concen: 45.723 ug/l
RT: 6.77 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VN064077.D
Acq: 12 Oct 2020 14:44

Tgt Ion: 77 Resp: 249588
Ion Ratio Lower Upper
77 100
97 22.0 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 47.447 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN064077.D

Acq: 12 Oct 2020 14:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

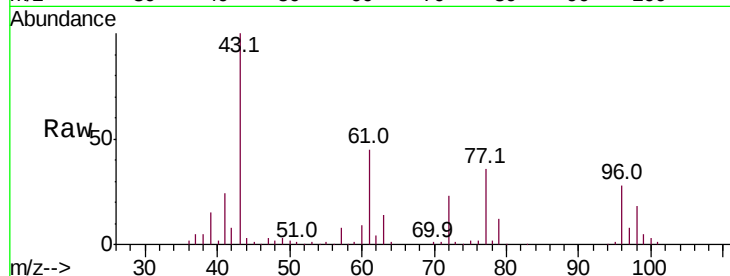
Tot Ion: 96 Resp: 166708

Ion Ratio Lower Upper

96 100

61 161.6 0.0 321.2

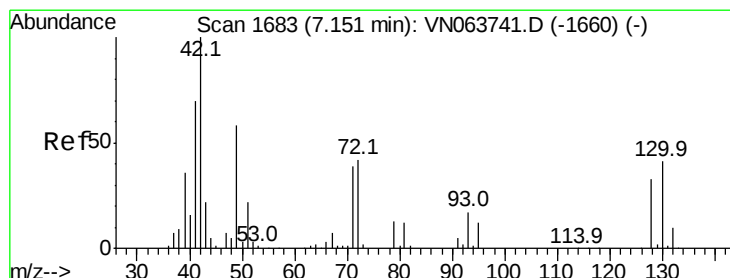
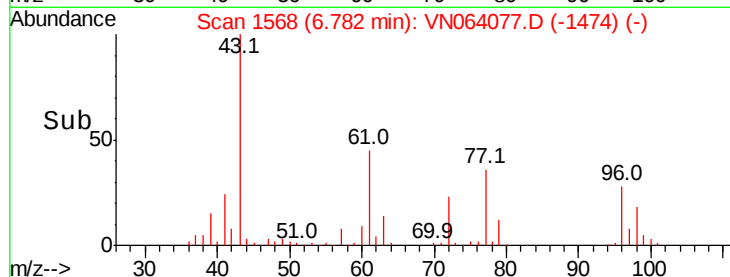
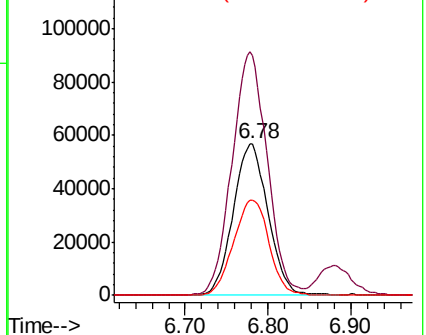
98 63.6 0.0 124.4



Abundance Ion 95.90 (95.60 to 96.60): VN064077.D (-1544) (-)

Ion 60.90 (60.60 to 61.60): VN064077.D (-1544) (-)

Ion 97.90 (97.60 to 98.60): VN064077.D (-1544) (-)



#28

Bromochloromethane

Concen: 51.845 ug/l

RT: 7.15 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VN064077.D

Acq: 12 Oct 2020 14:44

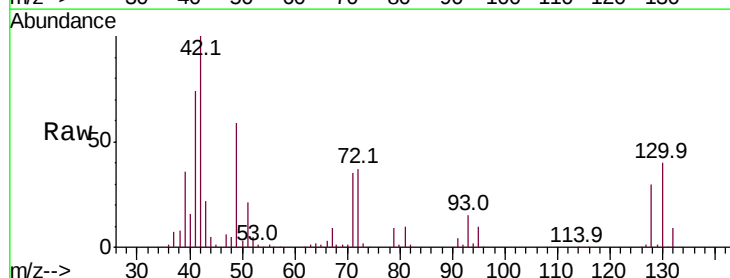
Tgt Ion: 49 Resp: 152741

Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.8

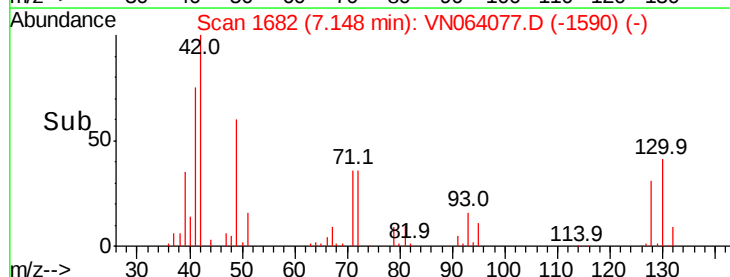
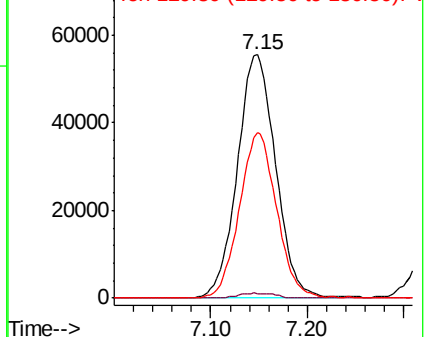
130 65.9 55.6 83.4

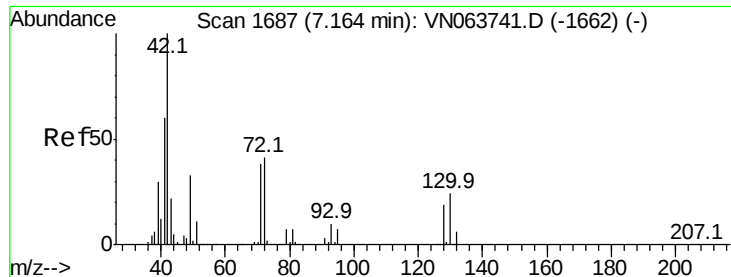


Abundance Ion 48.90 (48.60 to 49.60): VN064077.D (-1590) (-)

Ion 128.80 (128.50 to 129.50): VN064077.D (-1590) (-)

Ion 129.80 (129.50 to 130.50): VN064077.D (-1590) (-)





#29

Tetrahydrofuran

Concen: 294.894 ug/l

RT: 7.16 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN064077.D

Acq: 12 Oct 2020 14:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

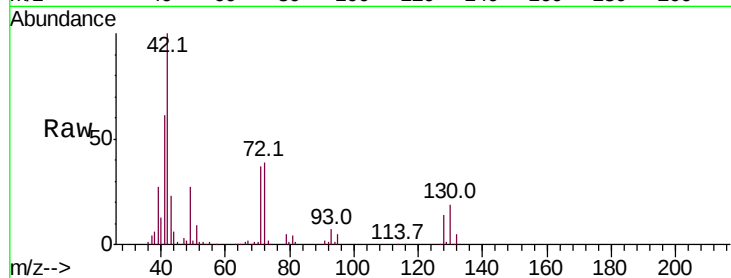
Tot Ion: 42 Resp: 386249

Ion Ratio Lower Upper

42 100

72 38.0 32.8 49.2

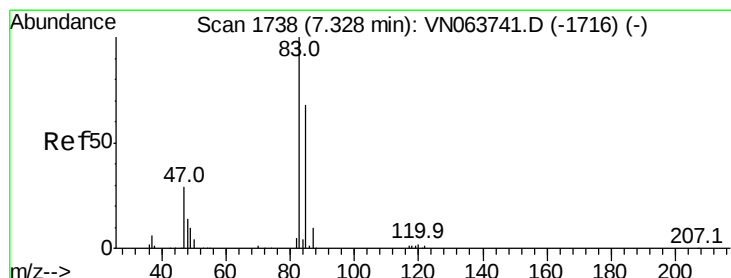
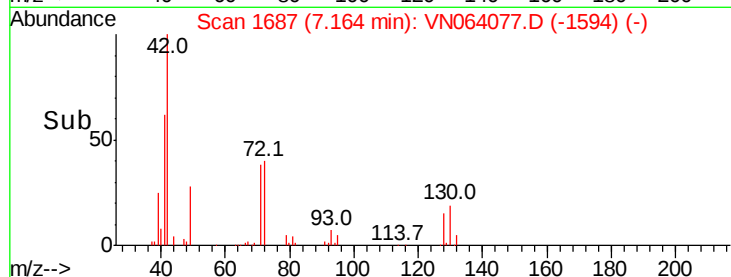
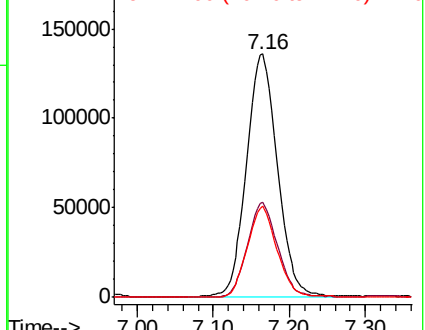
71 35.7 30.6 45.8



Abundance Ion 42.00 (41.70 to 42.70): VNO

Ion 72.00 (71.70 to 72.70): VNO

Ion 71.00 (70.70 to 71.70): VNO



#30

Chloroform

Concen: 48.734 ug/l

RT: 7.32 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VN064077.D

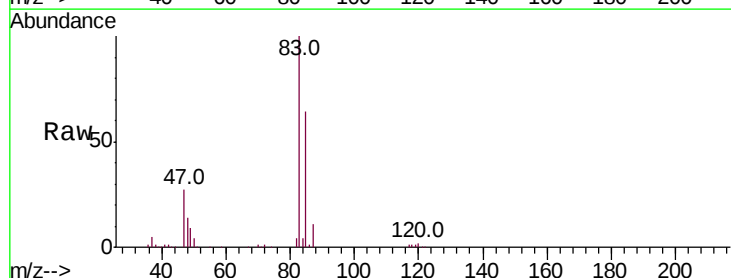
Acq: 12 Oct 2020 14:44

Tgt Ion: 83 Resp: 302889

Ion Ratio Lower Upper

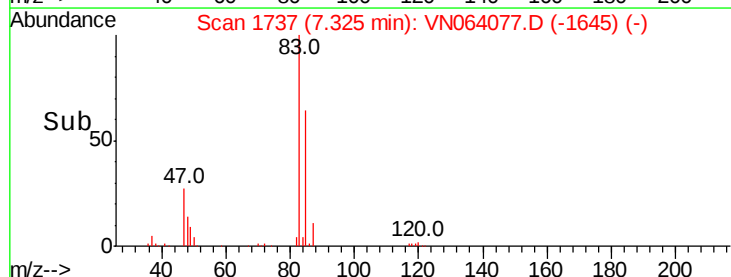
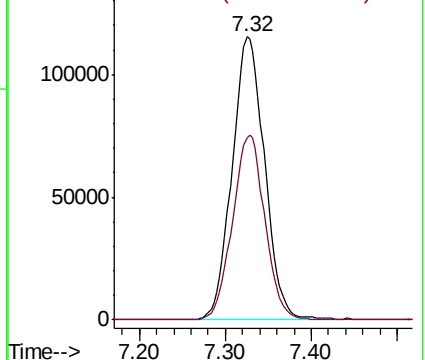
83 100

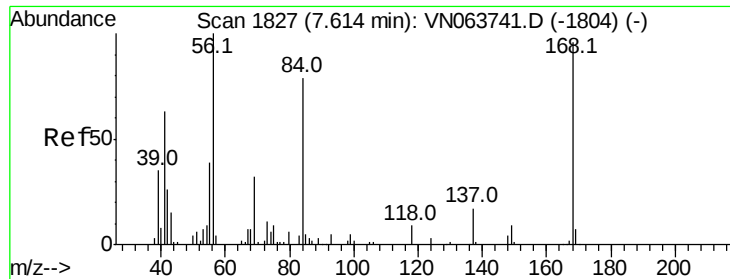
85 64.2 54.6 82.0



Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

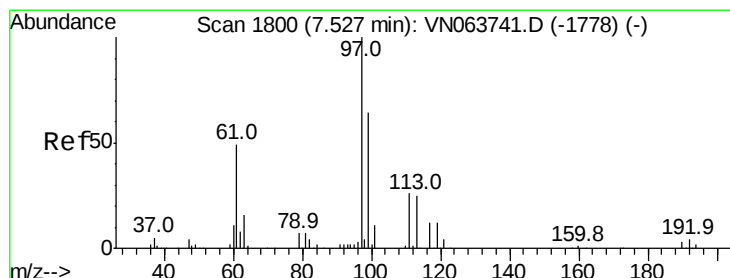
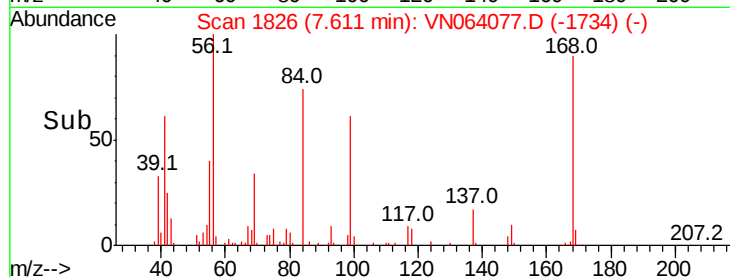
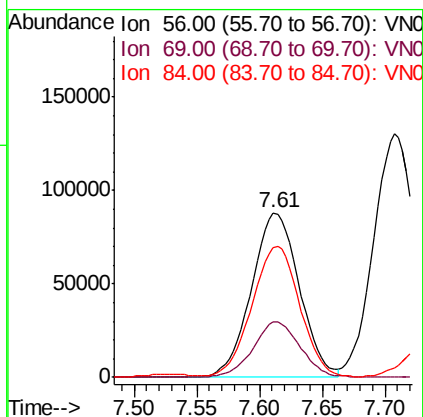
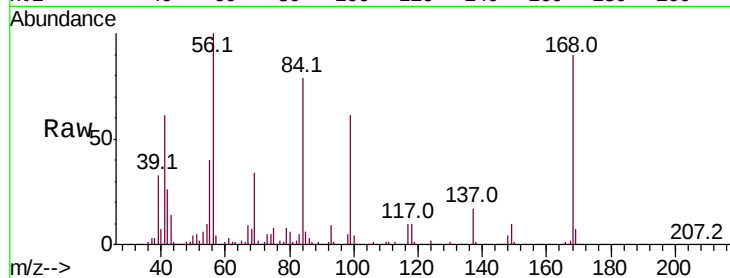




#31
Cyclohexane
Concen: 45.172 ug/l
RT: 7.61 min Scan# 1826
Delta R.T. -0.00 min
Lab File: VN064077.D
Acq: 12 Oct 2020 14:44

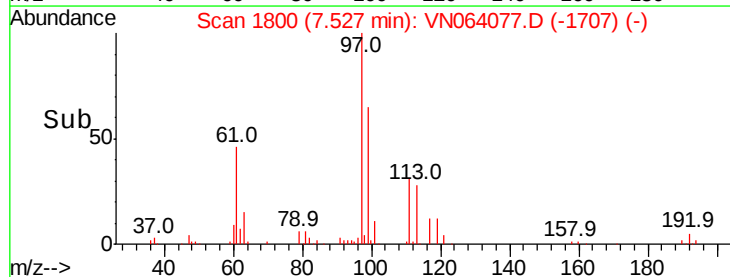
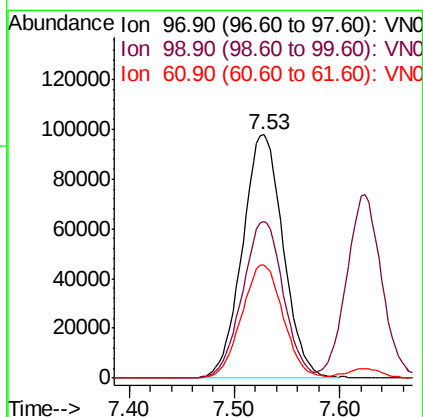
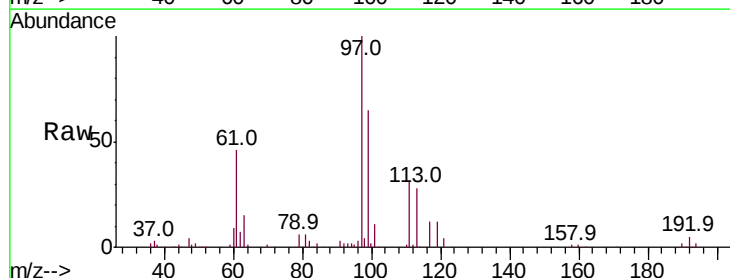
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

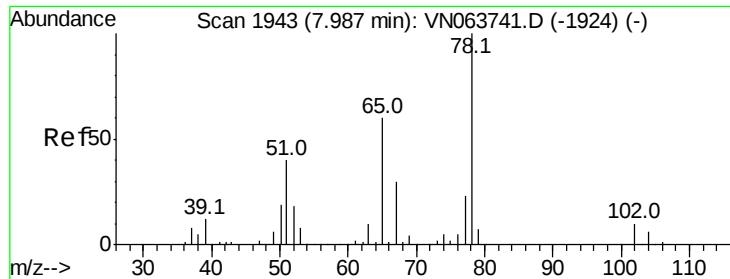
Tot Ion: 56 Resp: 234661
Ion Ratio Lower Upper
56 100
69 33.5 25.4 38.2
84 77.5 63.3 94.9



#32
1,1,1-Trichloroethane
Concen: 47.000 ug/l
RT: 7.53 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VN064077.D
Acq: 12 Oct 2020 14:44

Tgt Ion: 97 Resp: 263479
Ion Ratio Lower Upper
97 100
99 64.5 51.0 76.6
61 47.2 38.7 58.1

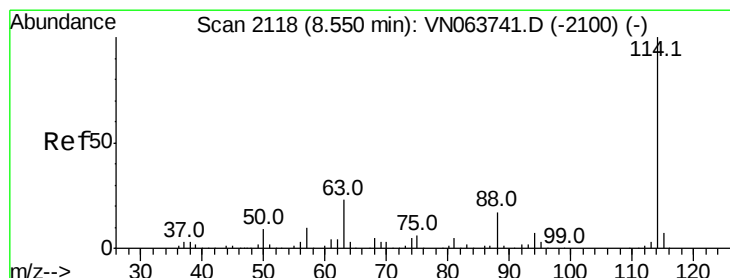
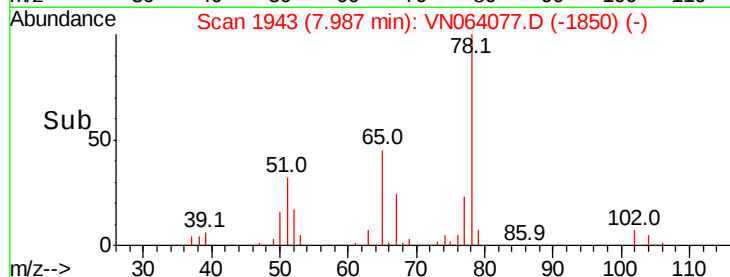
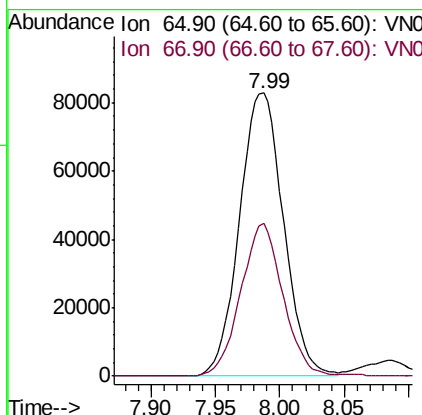
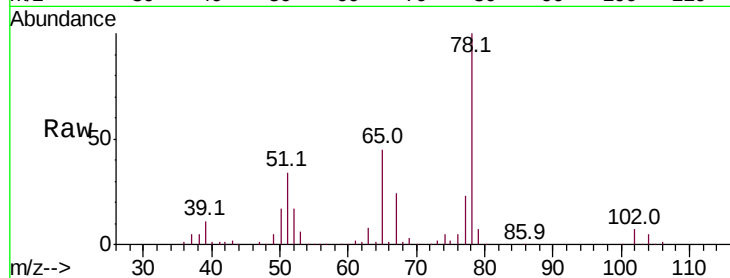




#33
 1,2-Dichloroethane-d4
 Concen: 44.076 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064077.D
 Acq: 12 Oct 2020 14:44

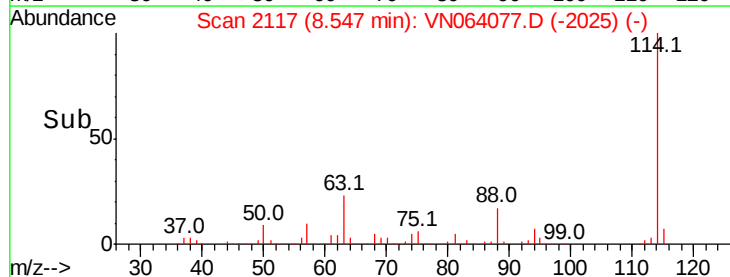
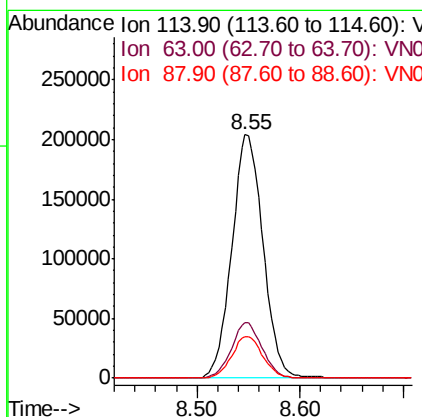
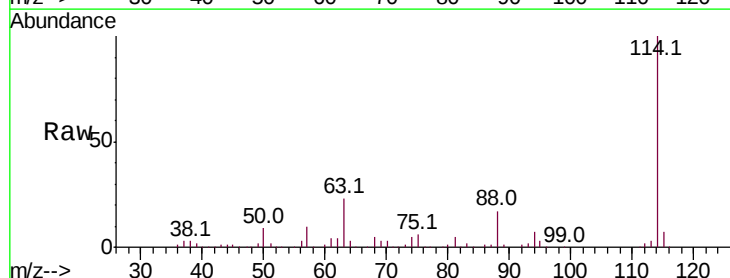
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

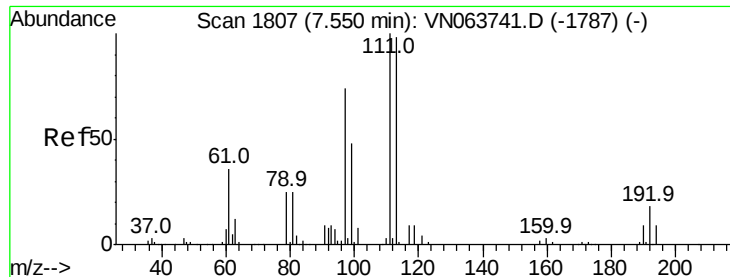
Tot Ion: 65 Resp: 197224
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VN064077.D
 Acq: 12 Oct 2020 14:44

Tgt Ion: 114 Resp: 429565
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 45.0
 88 17.1 0.0 34.0





#35

Dibromofluoromethane

Concen: 47.029 ug/l

RT: 7.55 min Scan# 1806

Delta R.T. -0.00 min

Lab File: VN064077.D

Acq: 12 Oct 2020 14:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

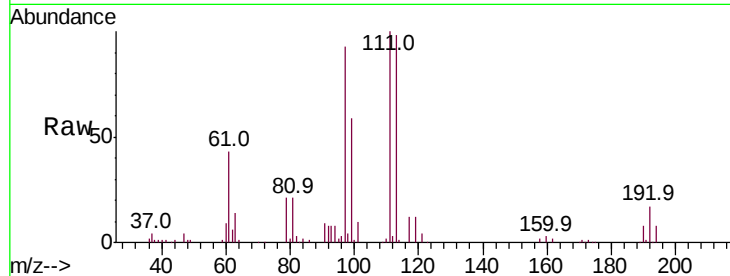
Tot Ion:113 Resp: 140178

Ion Ratio Lower Upper

113 100

111 105.4 81.8 122.8

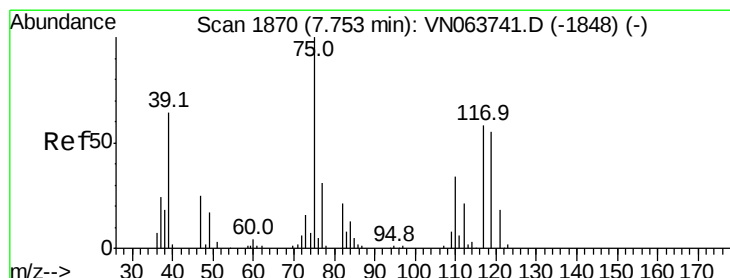
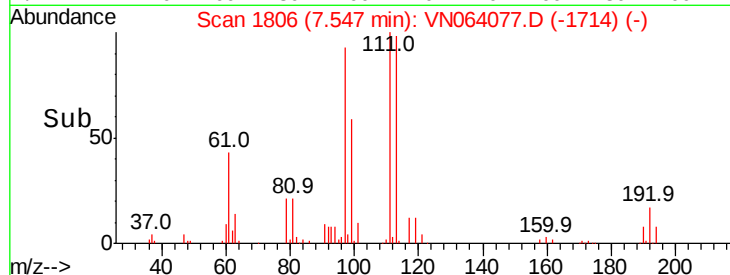
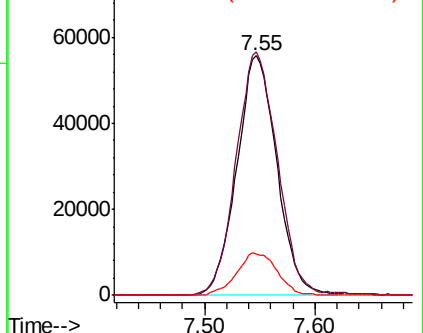
192 18.0 14.2 21.2



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: 49.519 ug/l

RT: 7.75 min Scan# 1869

Delta R.T. -0.00 min

Lab File: VN064077.D

Acq: 12 Oct 2020 14:44

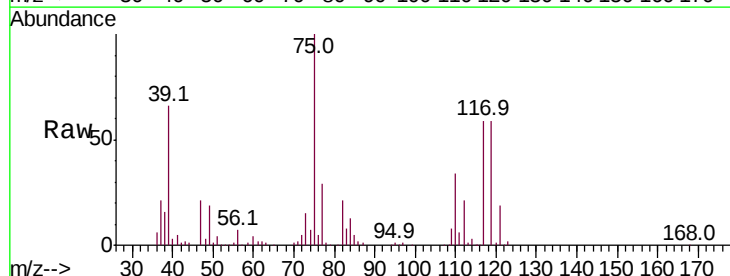
Tgt Ion: 75 Resp: 215504

Ion Ratio Lower Upper

75 100

110 33.1 16.9 50.6

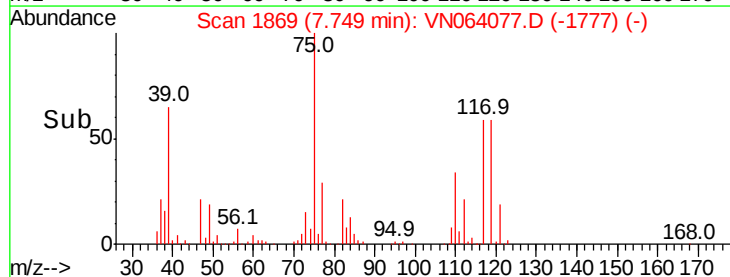
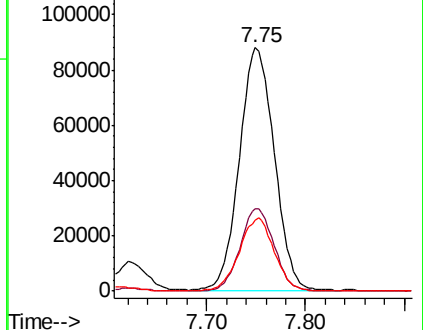
77 30.3 24.5 36.7

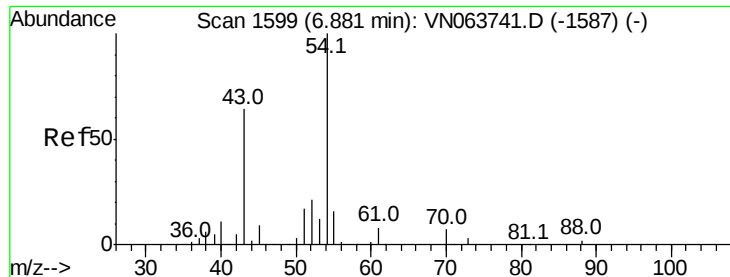


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VN0

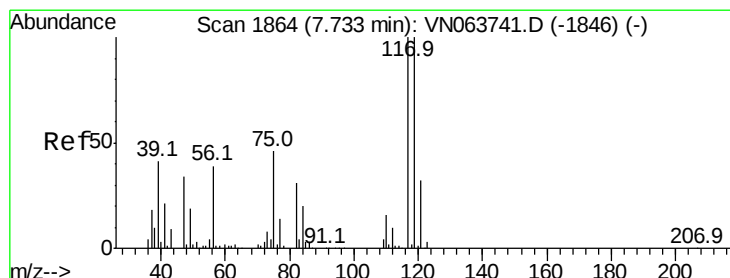
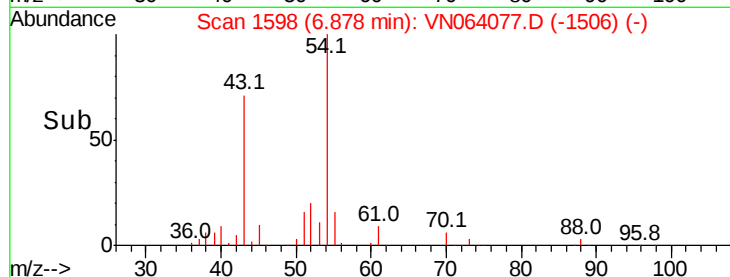
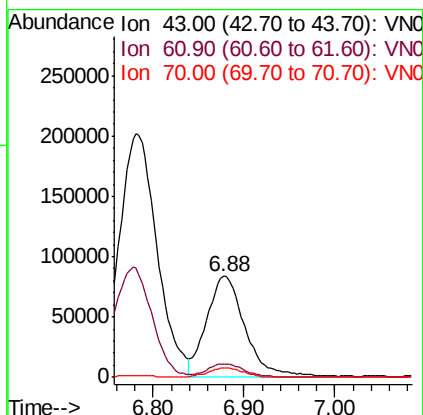
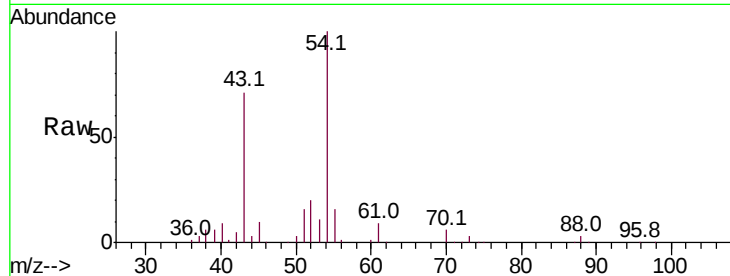




#37
Ethyl Acetate
Concen: 56.029 ug/l
RT: 6.88 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VN064077.D
Acq: 12 Oct 2020 14:44

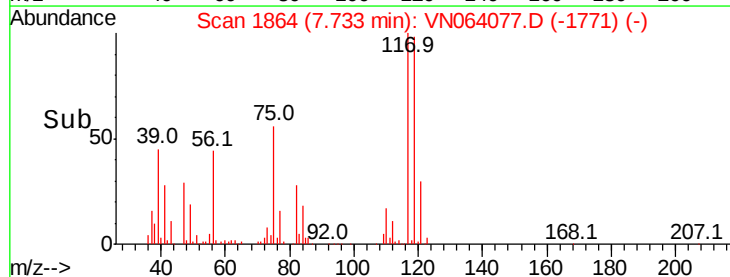
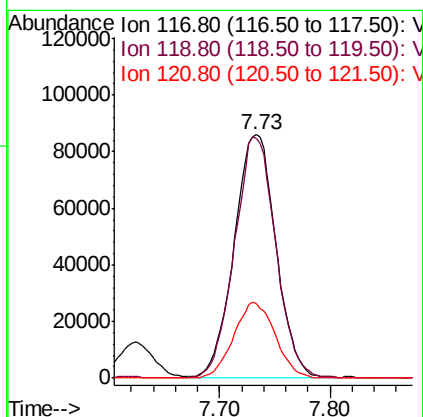
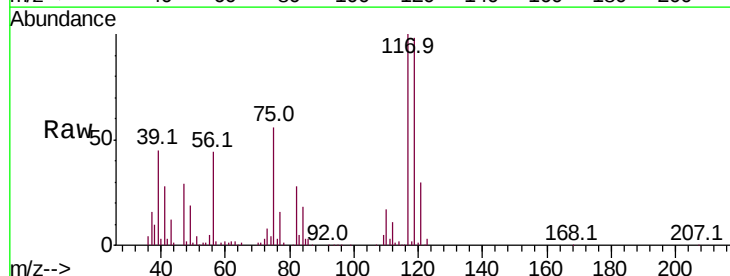
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

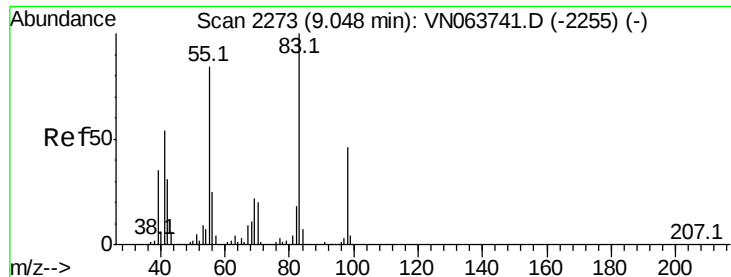
Tot Ion: 43 Resp: 242252
Ion Ratio Lower Upper
43 100
61 12.6 10.4 15.6
70 8.2 7.3 10.9



#38
Carbon Tetrachloride
Concen: 45.974 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN064077.D
Acq: 12 Oct 2020 14:44

Tgt Ion: 117 Resp: 224354
Ion Ratio Lower Upper
117 100
119 98.6 80.1 120.1
121 30.5 25.7 38.5

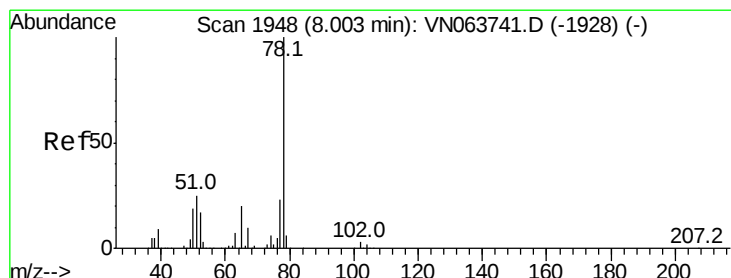
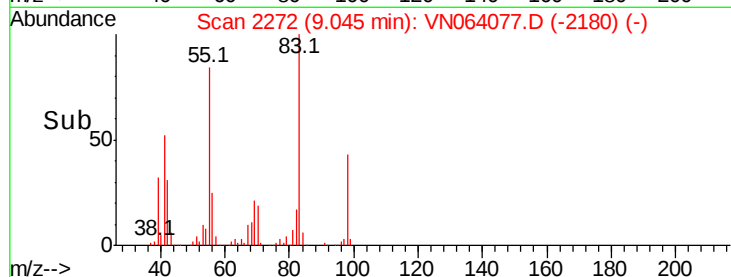
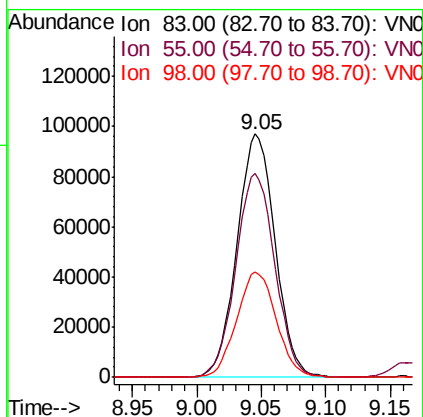
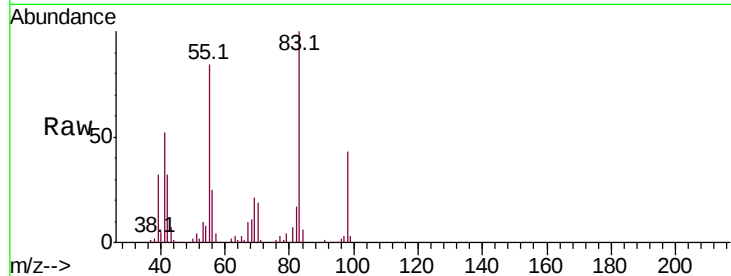




#39
Methvlcvclohexane
Concen: 46.094 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN064077.D
Acq: 12 Oct 2020 14:44

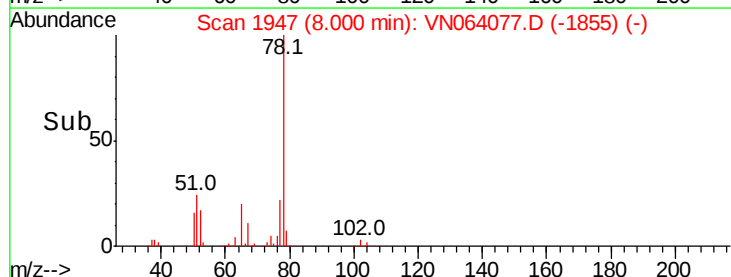
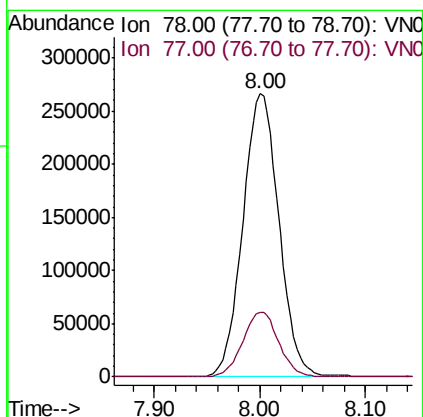
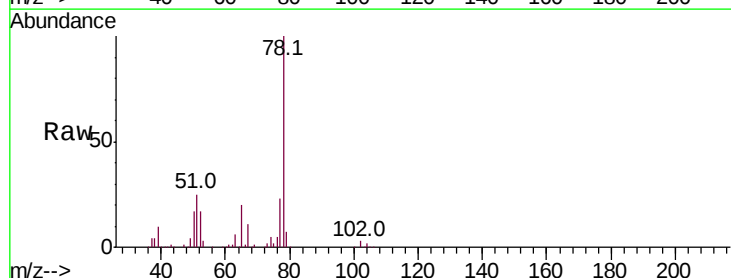
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

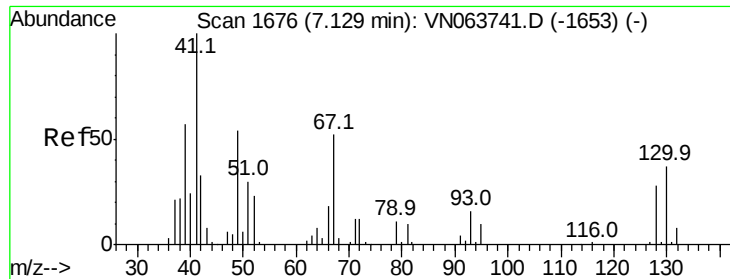
Tot Ion: 83 Resp: 200044
Ion Ratio Lower Upper
83 100
55 83.7 67.1 100.7
98 43.2 36.6 54.8



#40
Benzene
Concen: 51.002 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN064077.D
Acq: 12 Oct 2020 14:44

Tgt Ion: 78 Resp: 633963
Ion Ratio Lower Upper
78 100
77 22.7 18.7 28.1

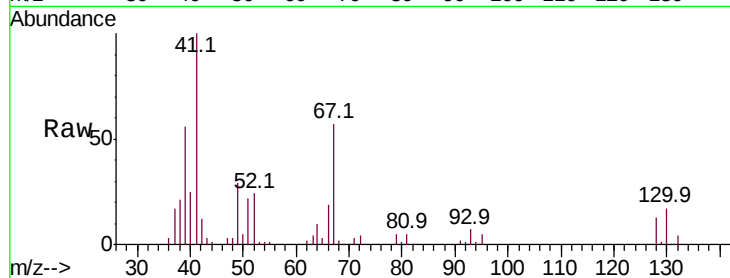




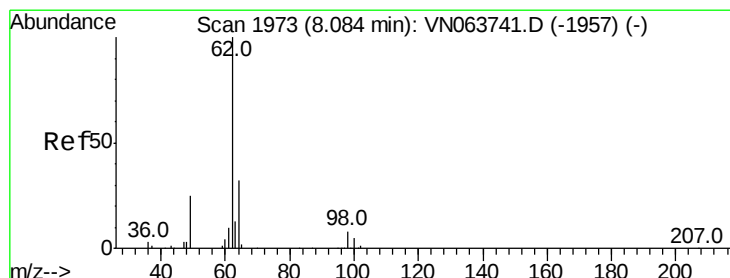
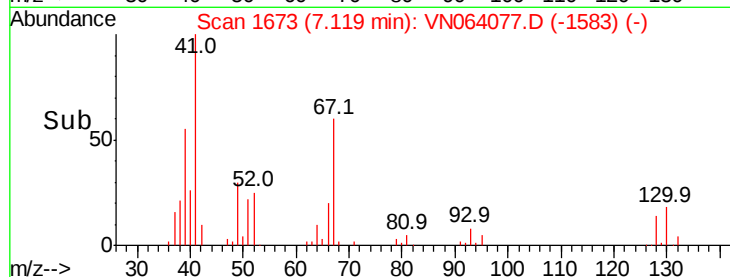
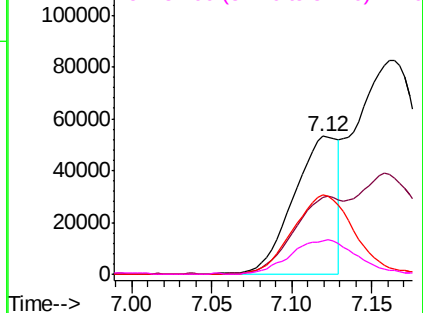
#41
Methacrylonitrile
Concen: 53.847 ug/l
RT: 7.12 min Scan# 1673
Delta R.T. -0.01 min
Lab File: VN064077.D
Acq: 12 Oct 2020 14:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	103474
Ion	Ratio	Lower	Upper
41	100		
39	60.5	42.5	63.7
67	79.9	57.4	86.2
52	37.1	26.9	40.3

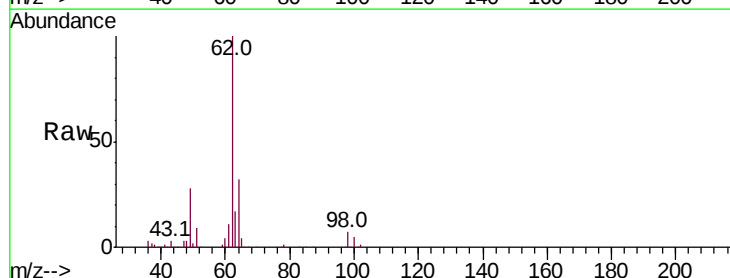


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

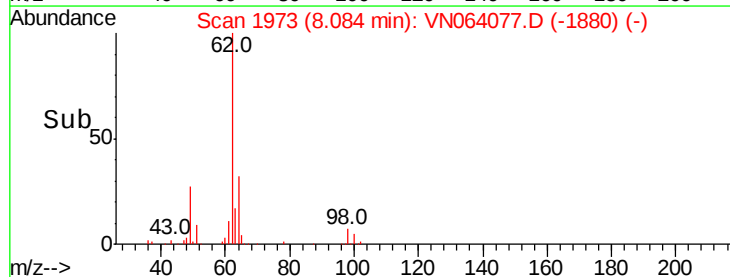
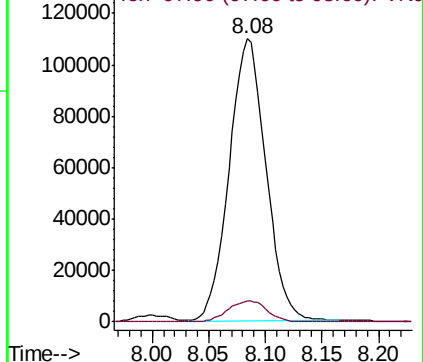


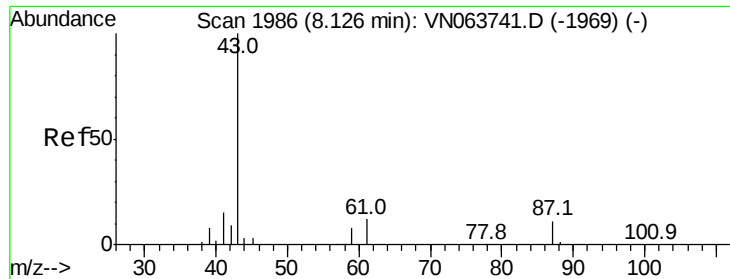
#42
1,2-Dichloroethane
Concen: 46.844 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN064077.D
Acq: 12 Oct 2020 14:44

Tgt Ion:	62	Resp:	248555
Ion	Ratio	Lower	Upper
62	100		
98	8.0	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: 55.673 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN064077.D

Acq: 12 Oct 2020 14:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

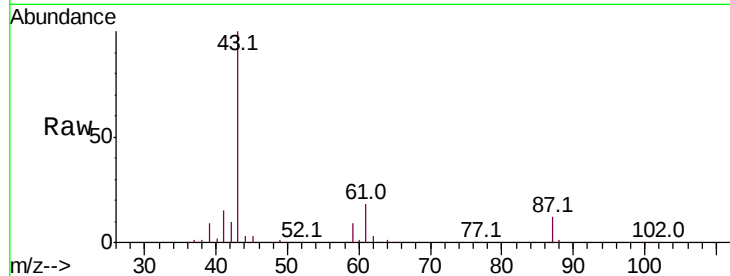
Tot Ion: 43 Resp: 397042

Ion Ratio Lower Upper

43 100

61 18.4 14.2 21.4

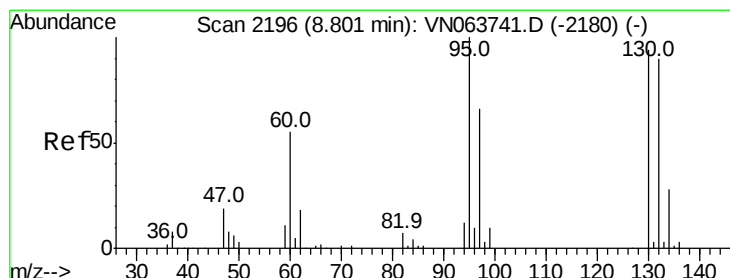
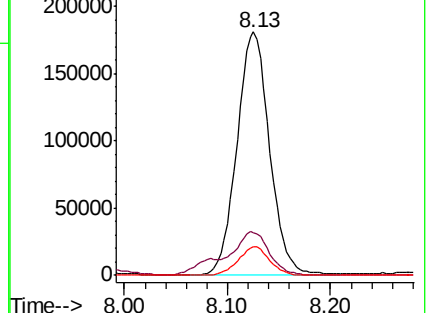
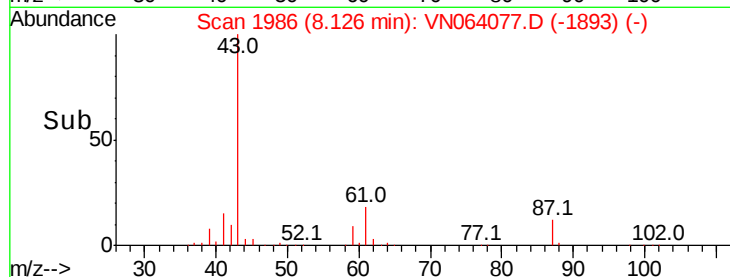
87 11.4 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VN064077.D (-1969) (-)

Ion 61.00 (60.70 to 61.70): VN064077.D (-1969) (-)

Ion 87.00 (86.70 to 87.70): VN064077.D (-1969) (-)



#44

Trichloroethene

Concen: 47.825 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN064077.D

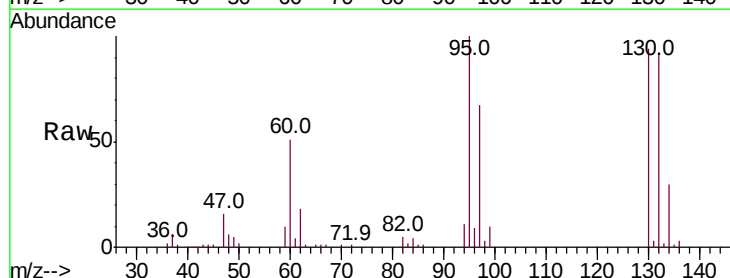
Acq: 12 Oct 2020 14:44

Tgt Ion:130 Resp: 155761

Ion Ratio Lower Upper

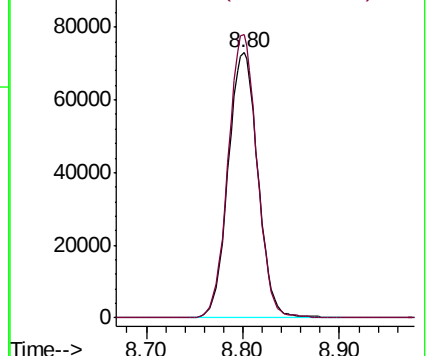
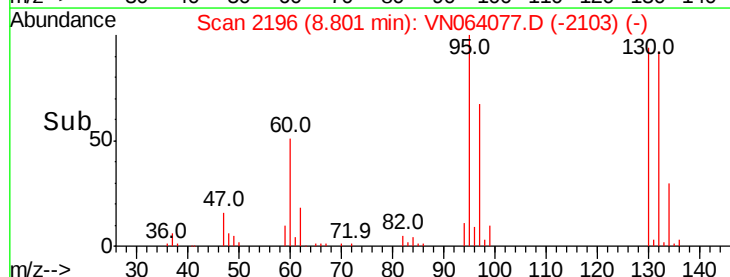
130 100

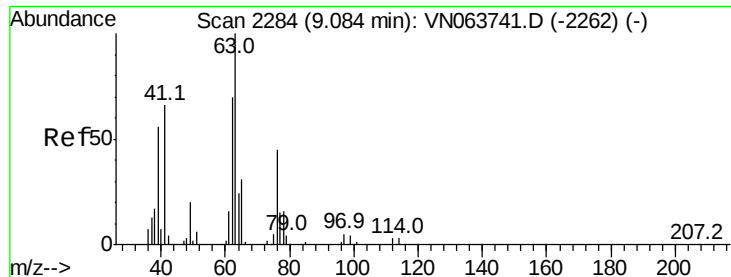
95 106.8 0.0 213.6



Abundance Ion 129.80 (129.50 to 130.50): VN064077.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN064077.D (-2180) (-)

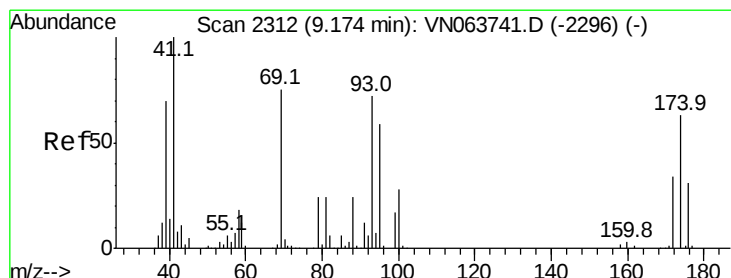
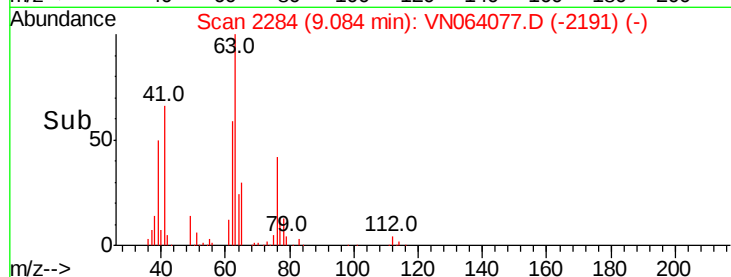
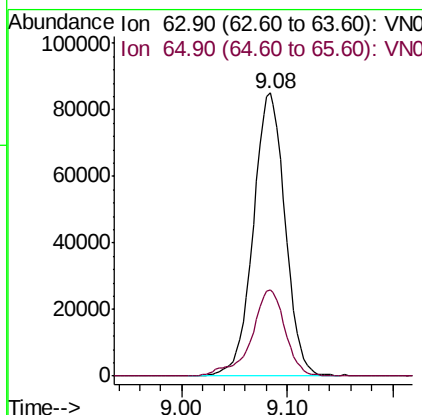
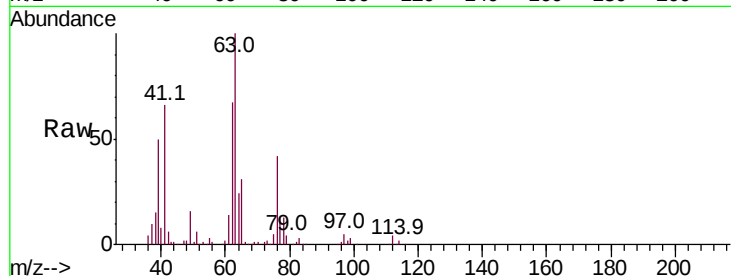




#45
 1,2-Dichloropropane
 Concen: 53.411 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN064077.D
 Acq: 12 Oct 2020 14:44

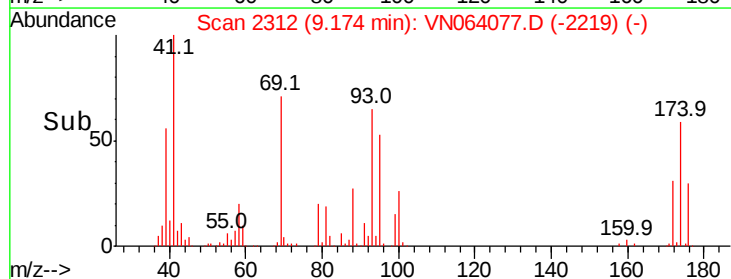
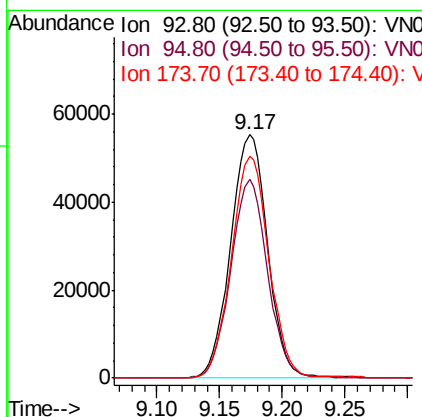
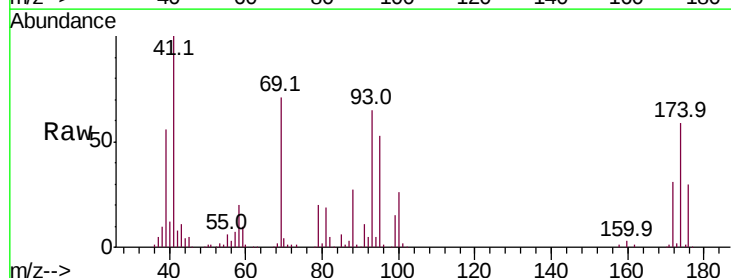
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

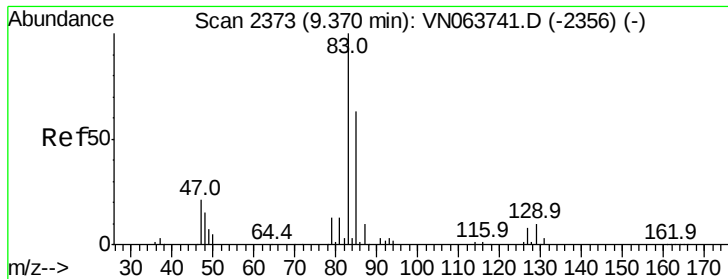
Tot Ion: 63 Resp: 179299
 Ion Ratio Lower Upper
 63 100
 65 30.5 24.7 37.1



#46
 Dibromomethane
 Concen: 49.098 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN064077.D
 Acq: 12 Oct 2020 14:44

Tgt Ion: 93 Resp: 113701
 Ion Ratio Lower Upper
 93 100
 95 81.1 66.3 99.5
 174 92.0 72.7 109.1





#47

Bromodichloromethane

Concen: 51.194 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN064077.D

Acq: 12 Oct 2020 14:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

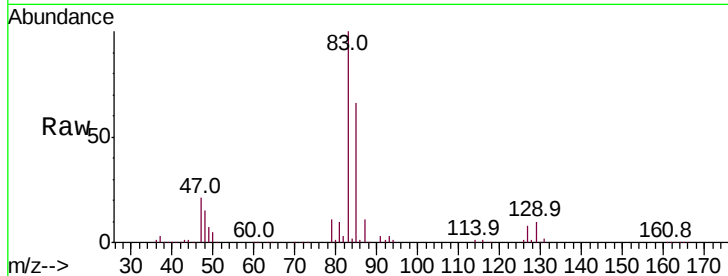
Tot Ion: 83 Resp: 244336

Ion Ratio Lower Upper

83 100

85 65.7 50.6 75.8

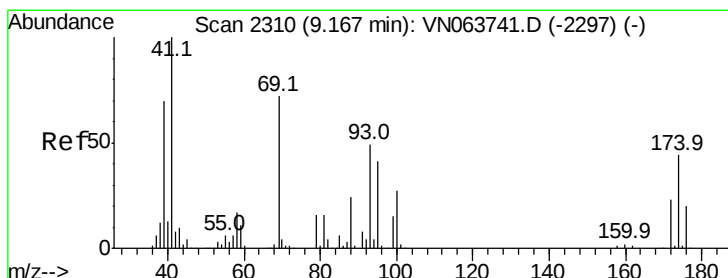
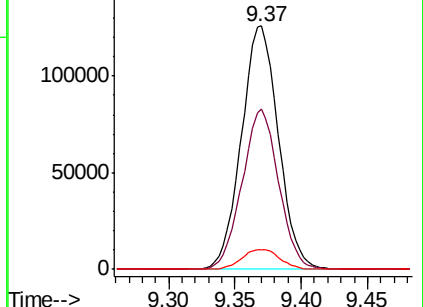
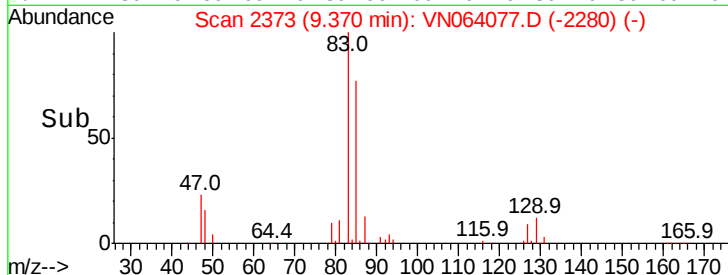
127 8.0 6.6 9.8



Abundance Ion 82.90 (82.60 to 83.60): VN064077.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN064077.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN064077.D (-2280) (-)



#48

Methyl methacrylate

Concen: 57.765 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN064077.D

Acq: 12 Oct 2020 14:44

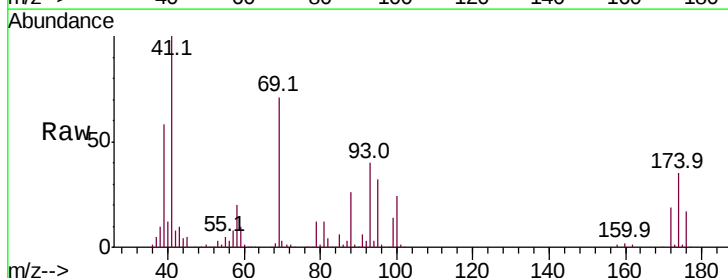
Tgt Ion: 41 Resp: 203535

Ion Ratio Lower Upper

41 100

69 71.3 60.9 91.3

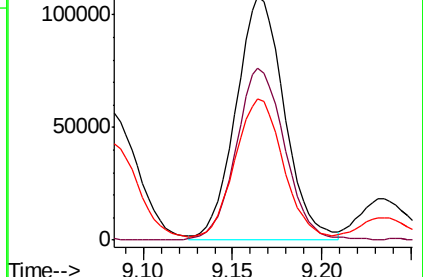
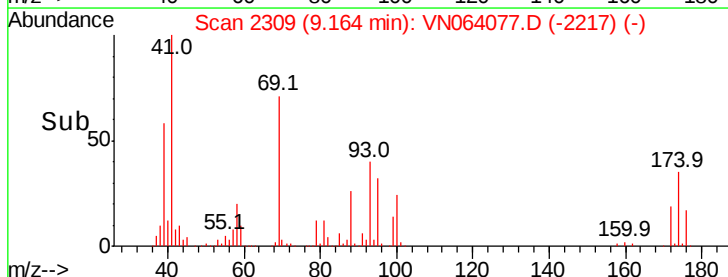
39 58.7 57.5 86.3

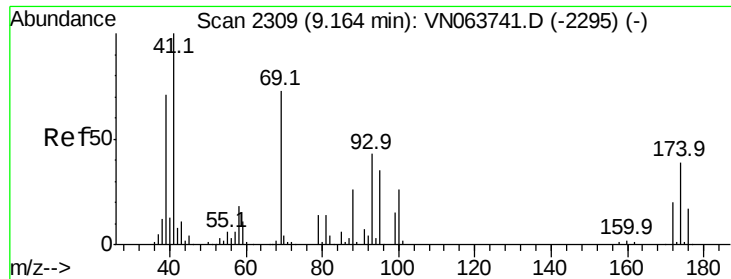


Abundance Ion 41.00 (40.70 to 41.70): VN064077.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN064077.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN064077.D (-2217) (-)

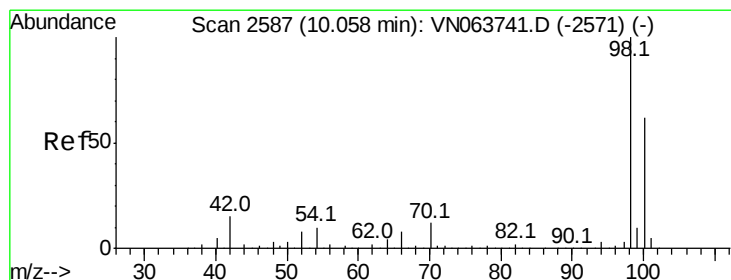
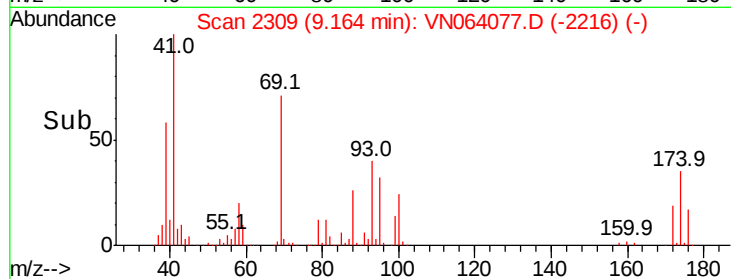
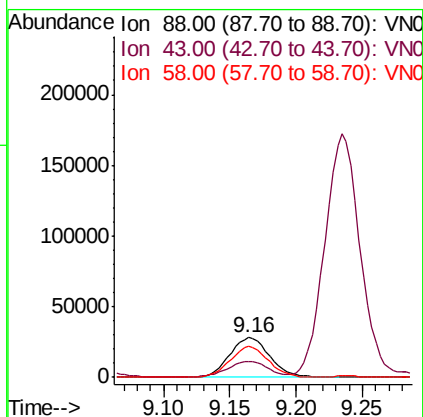
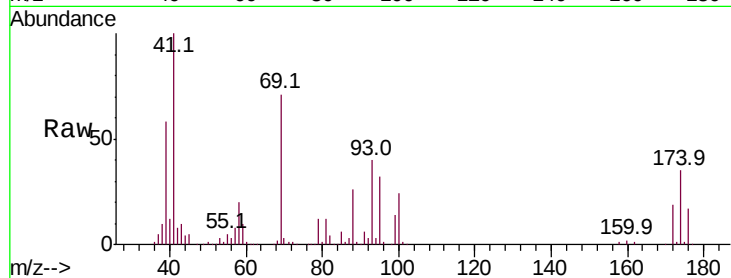




#49
1,4-Dioxane
Concen: 1194.879 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN064077.D
Acq: 12 Oct 2020 14:44

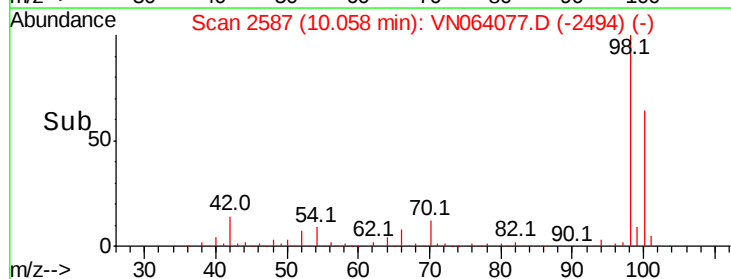
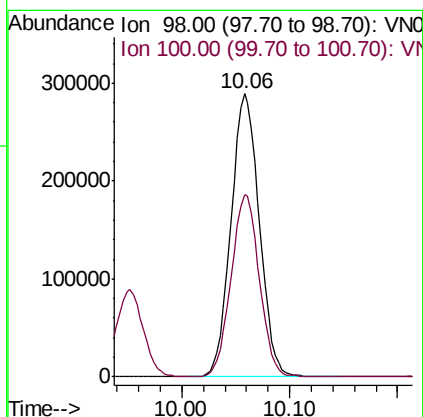
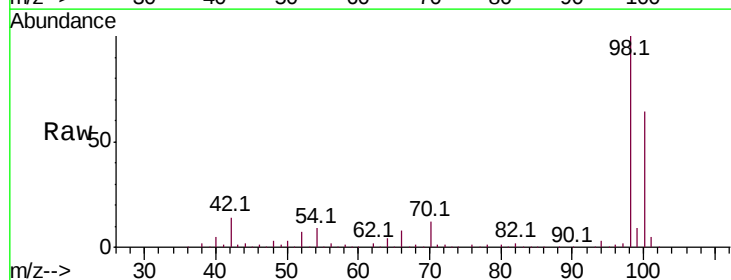
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

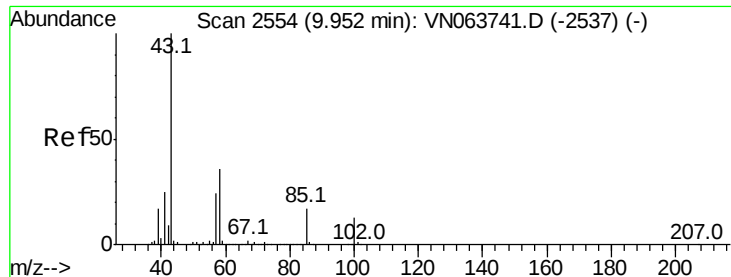
Tot Ion: 88 Resp: 59836
Ion Ratio Lower Upper
88 100
43 38.9 33.1 49.7
58 73.2 58.9 88.3



#50
Toluene-d8
Concen: 46.957 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN064077.D
Acq: 12 Oct 2020 14:44

Tgt Ion: 98 Resp: 530586
Ion Ratio Lower Upper
98 100
100 64.0 49.8 74.6





#51

4-Methyl-2-Pentanone

Concen: 299.409 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN064077.D

Acq: 12 Oct 2020 14:44

Instrument :

MSVOA_N

ClientSampleId :

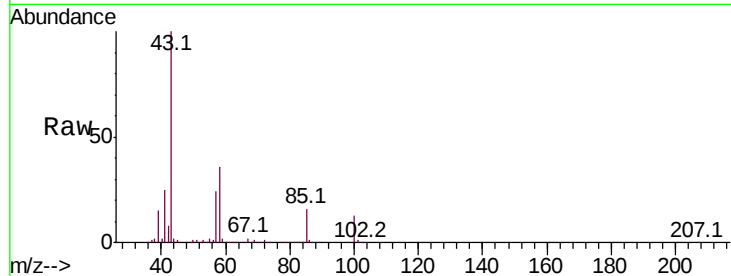
VSTDCCC050

Tot Ion: 43 Resp: 1253093

Ion Ratio Lower Upper

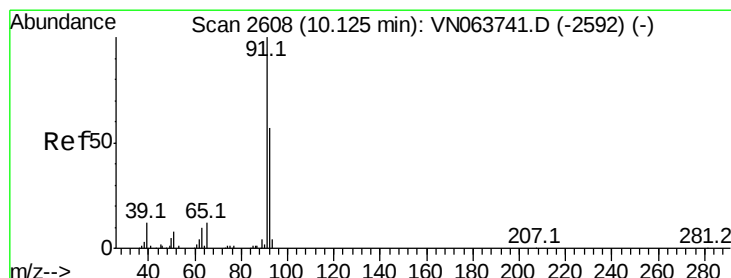
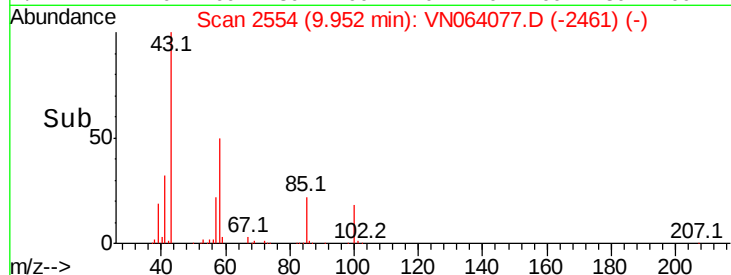
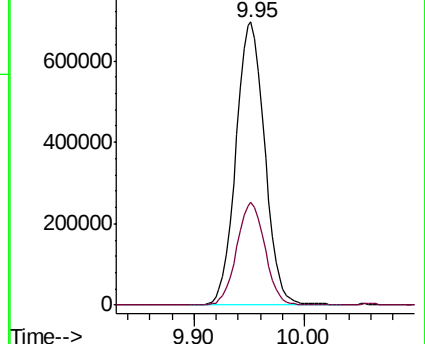
43 100

58 35.7 28.4 42.6



Abundance Ion 43.00 (42.70 to 43.70): VN063741.D (-2537) (-)

Ion 58.00 (57.70 to 58.70): VN063741.D (-2537) (-)



#52

Toluene

Concen: 51.260 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064077.D

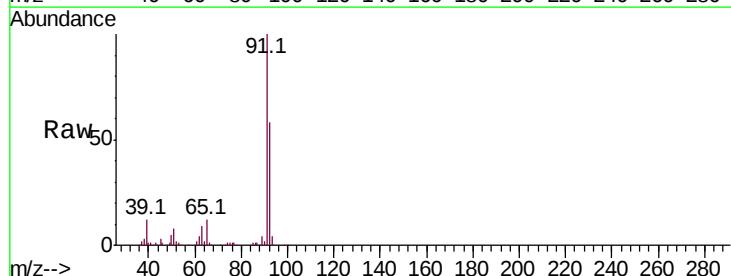
Acq: 12 Oct 2020 14:44

Tgt Ion: 92 Resp: 394111

Ion Ratio Lower Upper

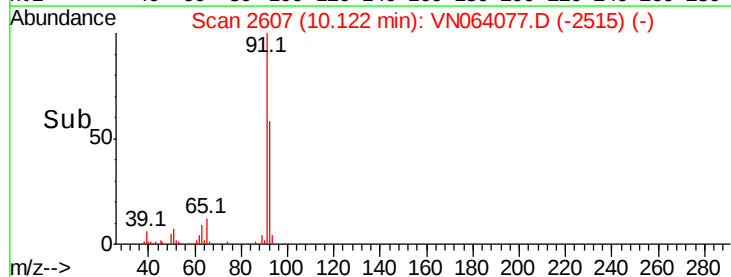
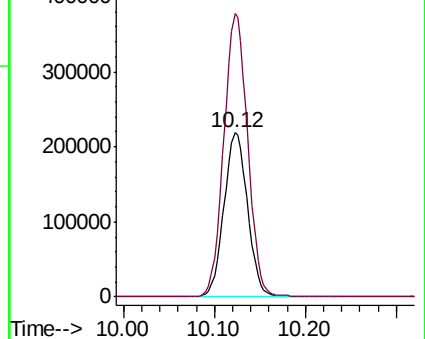
92 100

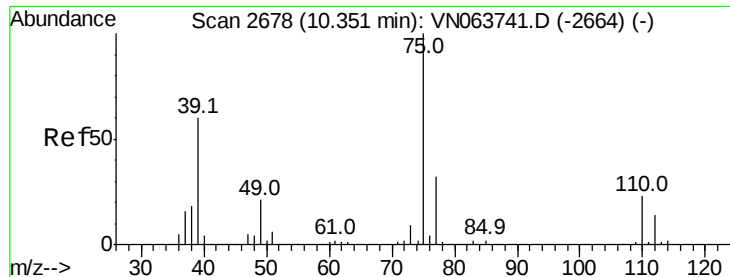
91 174.4 140.6 210.8



Abundance Ion 92.00 (91.70 to 92.70): VN063741.D (-2592) (-)

Ion 91.00 (90.70 to 91.70): VN063741.D (-2592) (-)





#53

t-1,3-Dichloropropene

Concen: 52.006 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN064077.D

Acq: 12 Oct 2020 14:44

Instrument :

MSVOA_N

ClientSampleId :

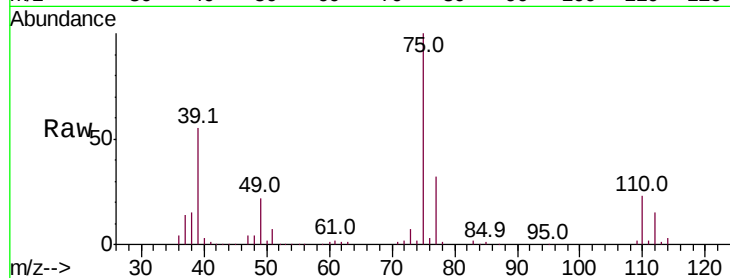
VSTDCCC050

Tot Ion: 75 Resp: 266070

Ion Ratio Lower Upper

75 100

77 31.5 25.3 37.9



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.35

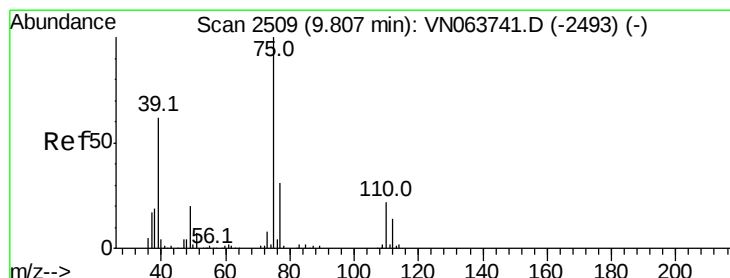
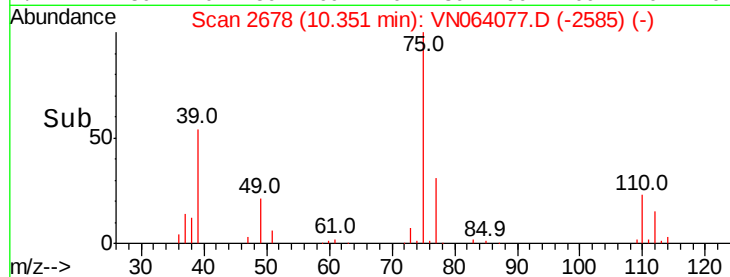
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 52.544 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN064077.D

Acq: 12 Oct 2020 14:44

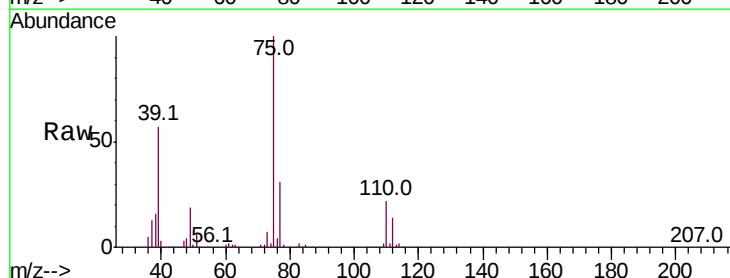
Tgt Ion: 75 Resp: 281140

Ion Ratio Lower Upper

75 100

77 31.2 24.6 36.8

39 57.1 49.7 74.5



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

9.81

200000

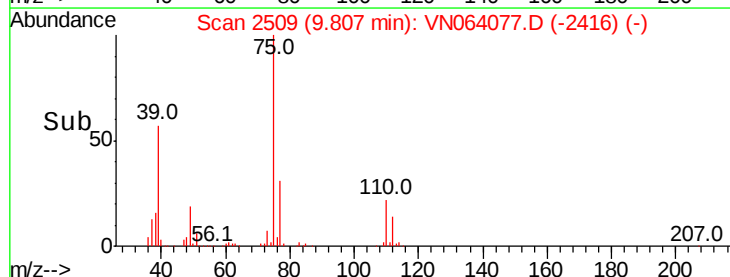
150000

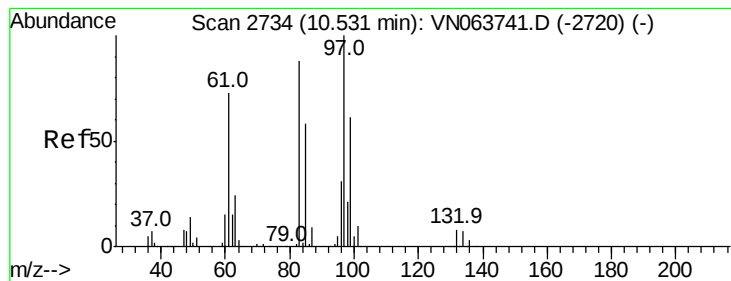
100000

50000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 52.165 ug/l

RT: 10.53 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN064077.D

Acq: 12 Oct 2020 14:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 160843

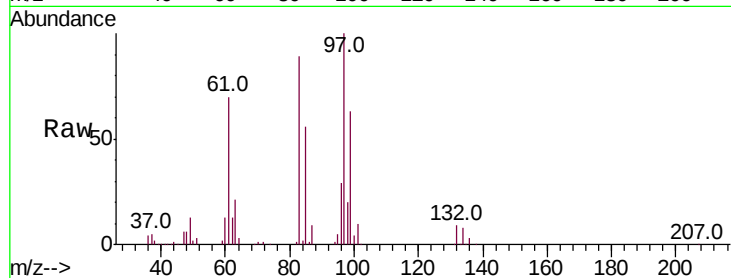
Ion Ratio Lower Upper

97 100

83 88.8 70.7 106.1

85 55.5 46.1 69.1

99 63.0 48.8 73.2



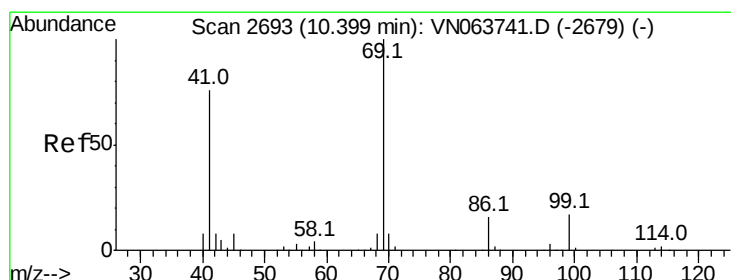
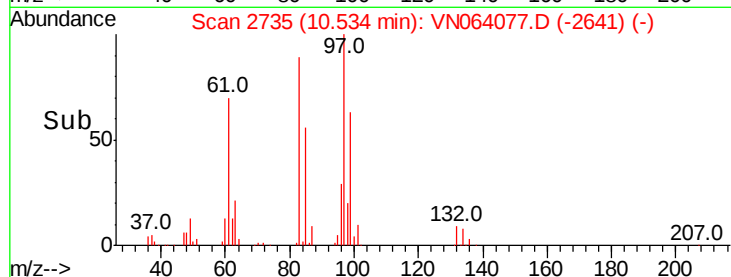
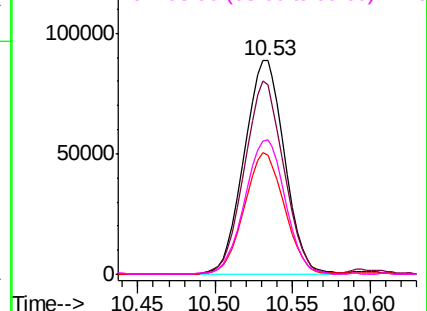
Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 55.820 ug/l

RT: 10.40 min Scan# 2693

Delta R.T. 0.00 min

Lab File: VN064077.D

Acq: 12 Oct 2020 14:44

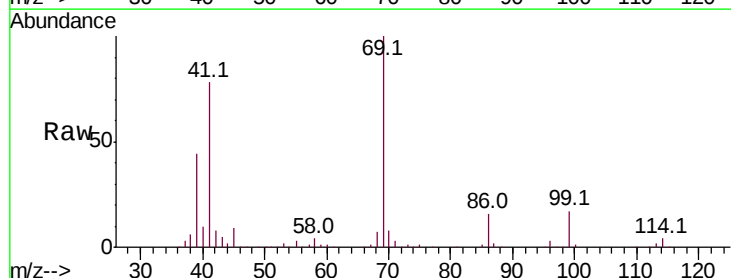
Tgt Ion: 69 Resp: 243962

Ion Ratio Lower Upper

69 100

41 77.5 61.1 91.7

39 43.3 42.2 63.4

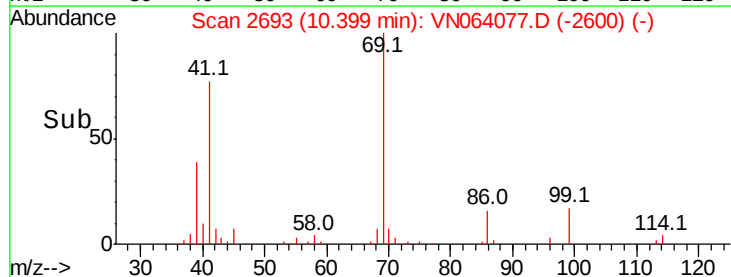
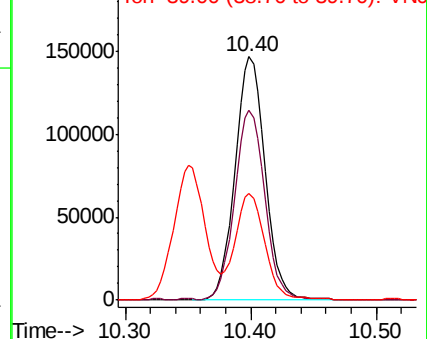


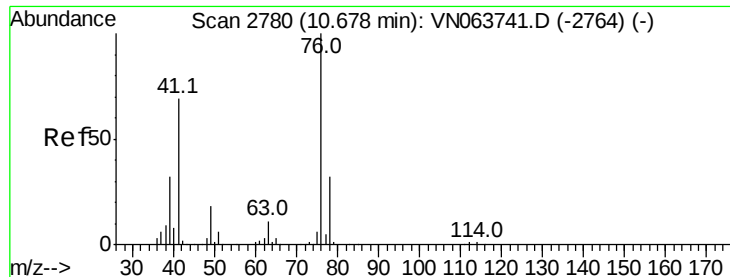
Abundance

Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 52.243 ug/l

RT: 10.68 min Scan# 2779

Delta R.T. -0.00 min

Lab File: VN064077.D

Acq: 12 Oct 2020 14:44

Instrument :

MSVOA_N

ClientSampleId :

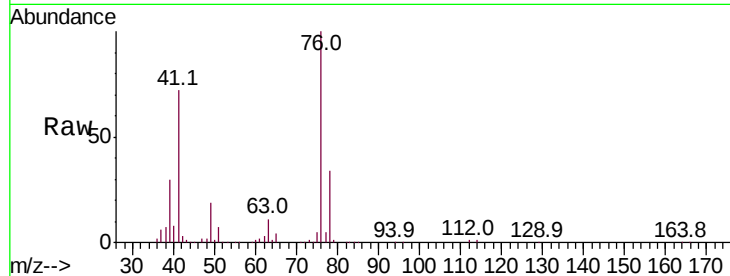
VSTDCCC050

Tot Ion: 76 Resp: 272527

Ion Ratio Lower Upper

76 100

78 33.4 25.2 37.8



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.68

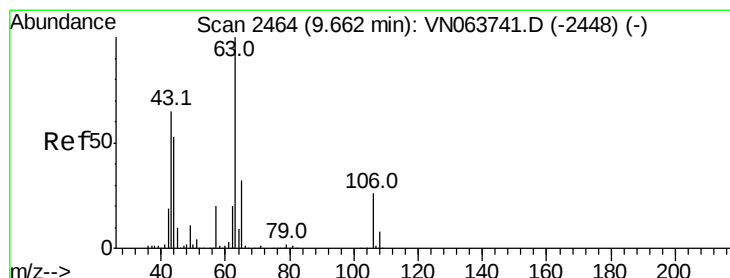
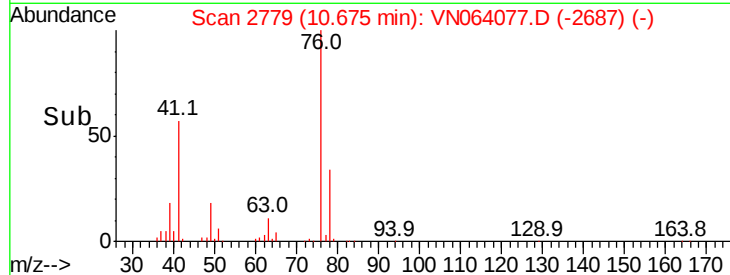
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 284.083 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. -0.00 min

Lab File: VN064077.D

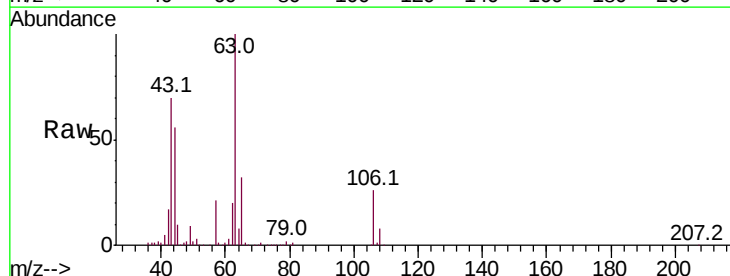
Acq: 12 Oct 2020 14:44

Tgt Ion: 63 Resp: 664139

Ion Ratio Lower Upper

63 100

106 25.3 20.7 31.1



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.66

400000

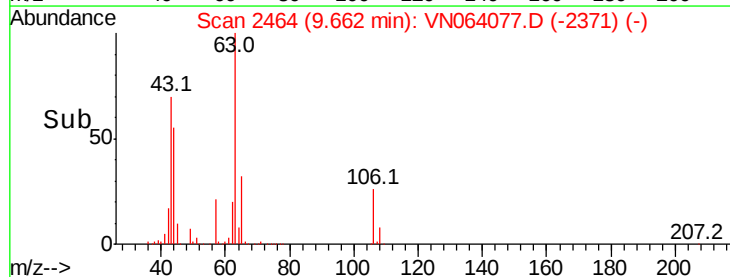
300000

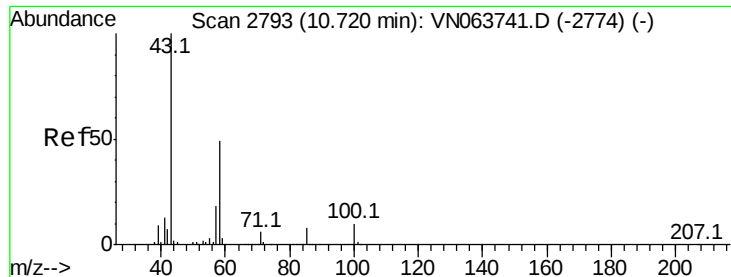
200000

100000

0

Time-->

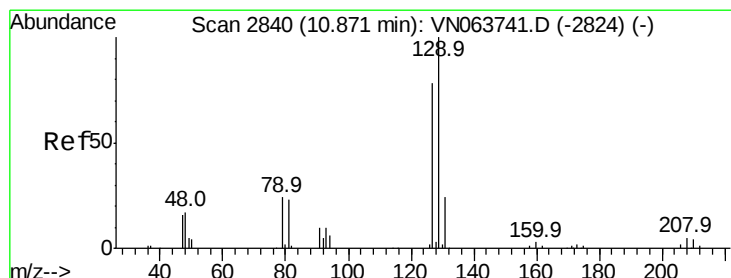
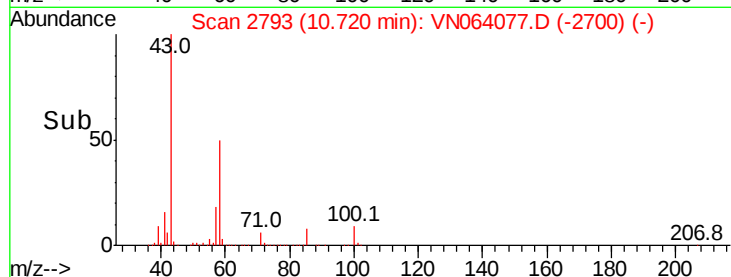
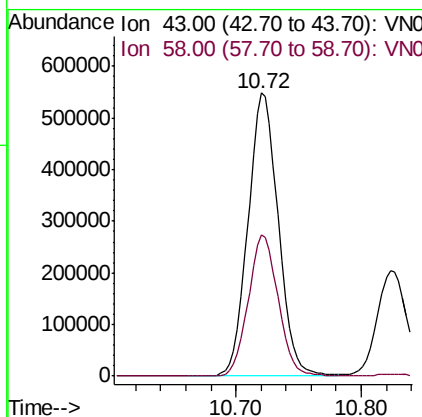
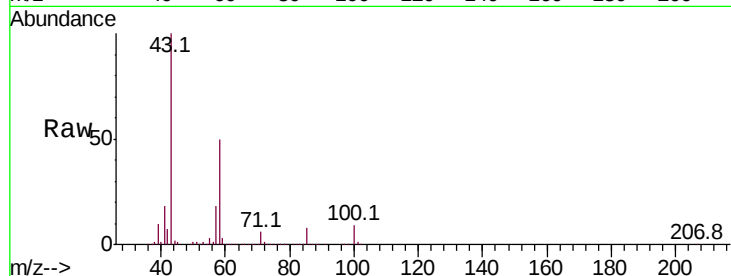




#59
2-Hexanone
Concen: 296.067 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN064077.D
Acq: 12 Oct 2020 14:44

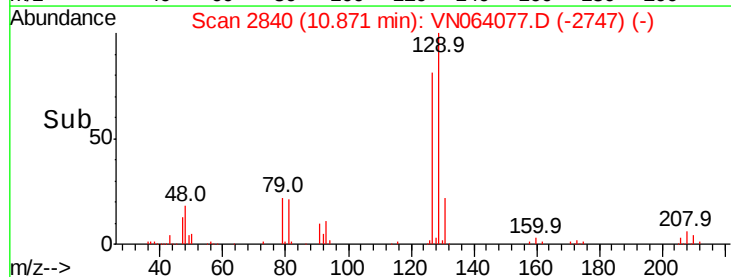
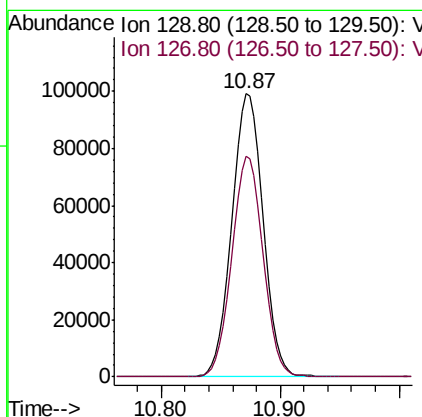
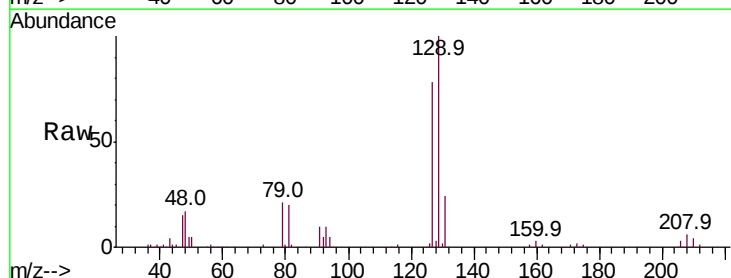
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

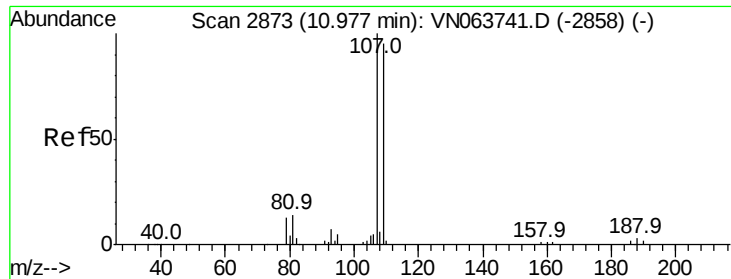
Tot Ion: 43 Resp: 920485
Ion Ratio Lower Upper
43 100
58 49.4 24.6 73.8



#60
Dibromochloromethane
Concen: 50.435 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VN064077.D
Acq: 12 Oct 2020 14:44

Tgt Ion: 129 Resp: 181103
Ion Ratio Lower Upper
129 100
127 77.7 38.9 116.7

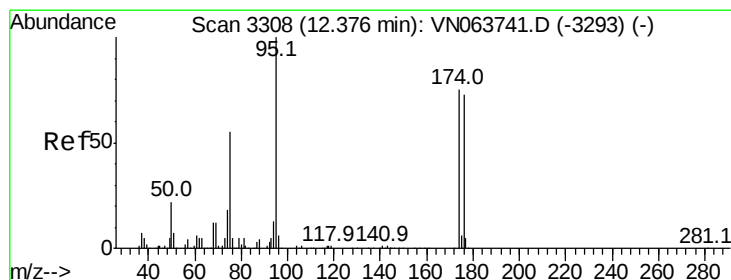
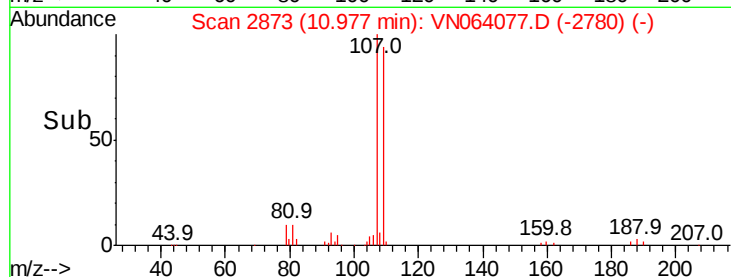
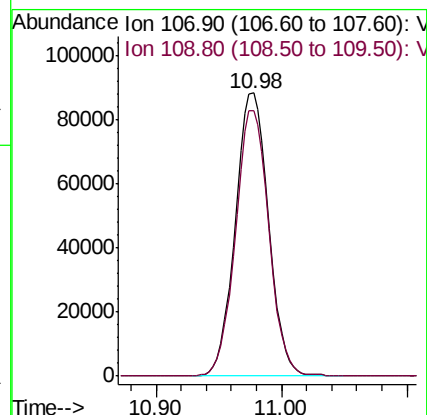
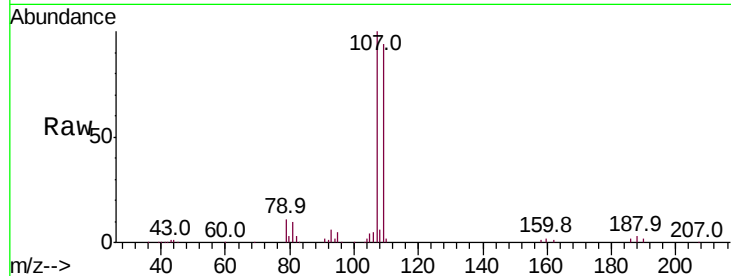




#61
 1,2-Dibromoethane
 Concen: 51.500 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN064077.D
 Acq: 12 Oct 2020 14:44

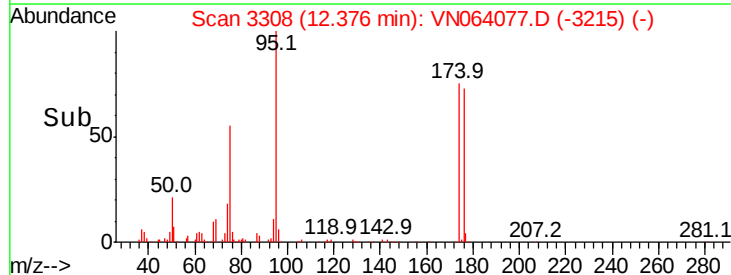
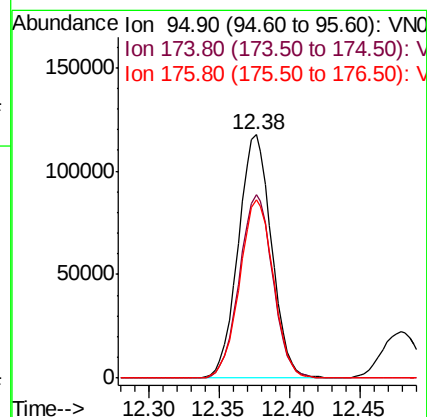
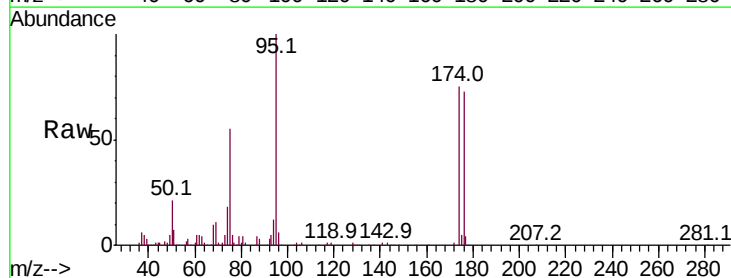
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

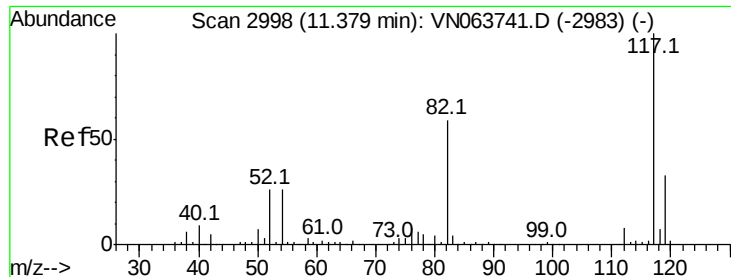
Tot Ion:107 Resp: 162432
 Ion Ratio Lower Upper
 107 100
 109 94.2 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 45.848 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. -0.00 min
 Lab File: VN064077.D
 Acq: 12 Oct 2020 14:44

Tgt Ion: 95 Resp: 194739
 Ion Ratio Lower Upper
 95 100
 174 75.7 0.0 150.6
 176 74.1 0.0 145.4

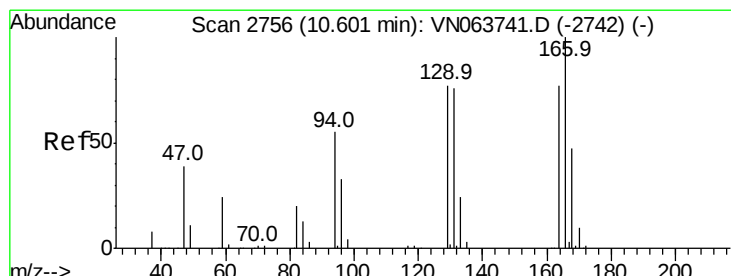
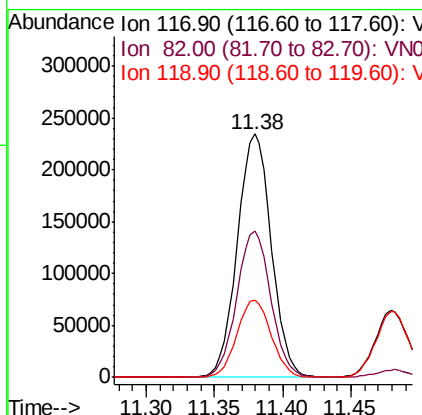
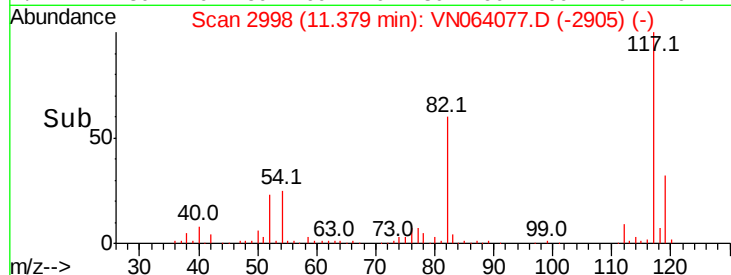
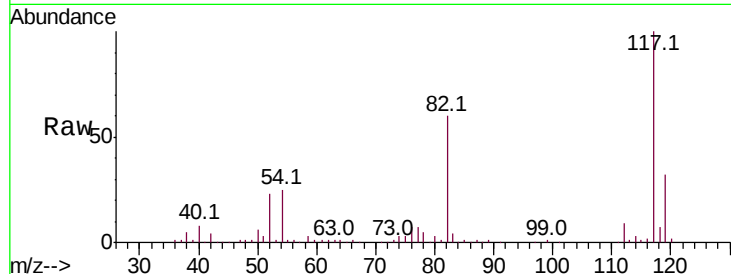




#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.38 min Scan# 2998
 Delta R.T. 0.00 min
 Lab File: VN064077.D
 Acq: 12 Oct 2020 14:44

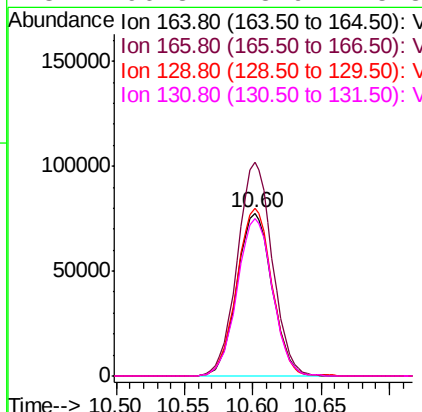
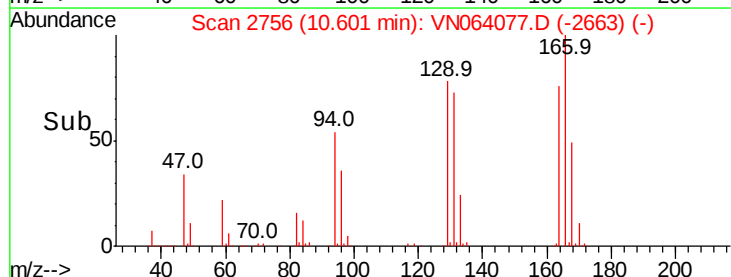
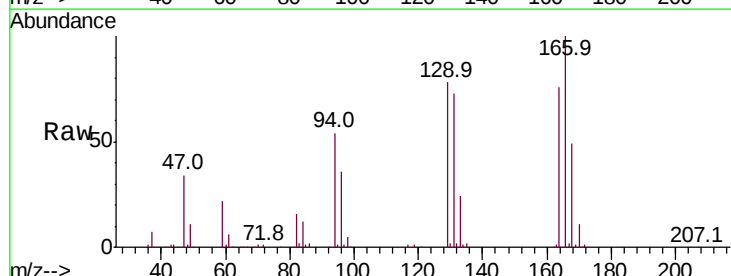
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

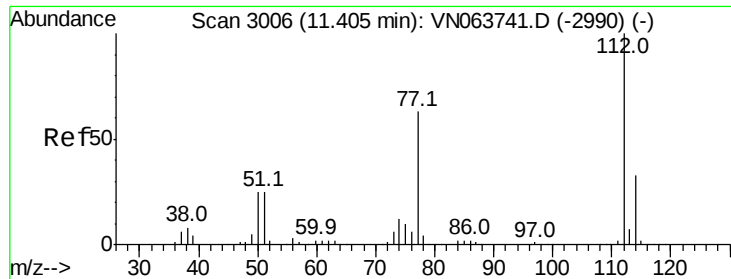
Tot Ion:	117	Resp:	406781
Ion	Ratio	Lower	Upper
117	100		
82	59.9	47.4	71.2
119	31.7	26.4	39.6



#64
 Tetrachloroethene
 Concen: 44.334 ug/l
 RT: 10.60 min Scan# 2756
 Delta R.T. -0.00 min
 Lab File: VN064077.D
 Acq: 12 Oct 2020 14:44

Tgt Ion:	164	Resp:	139524
Ion	Ratio	Lower	Upper
164	100		
166	131.1	103.9	155.9
129	102.8	80.3	120.5
131	96.3	78.9	118.3

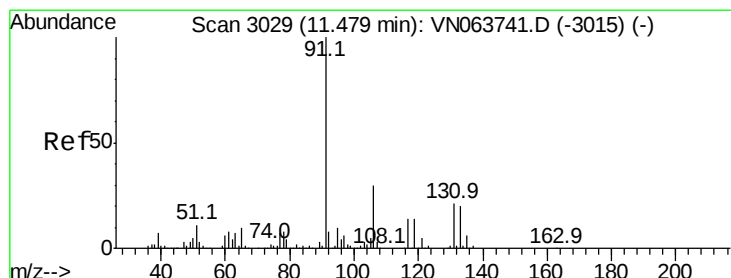
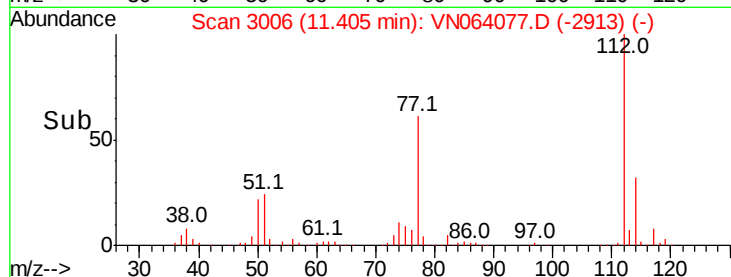
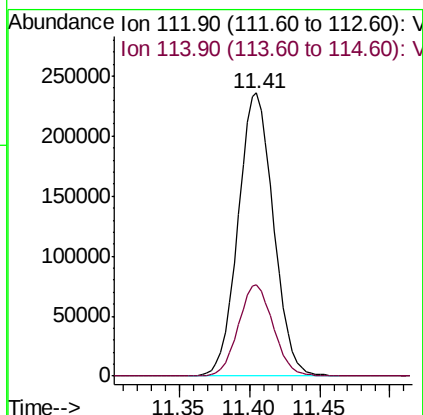
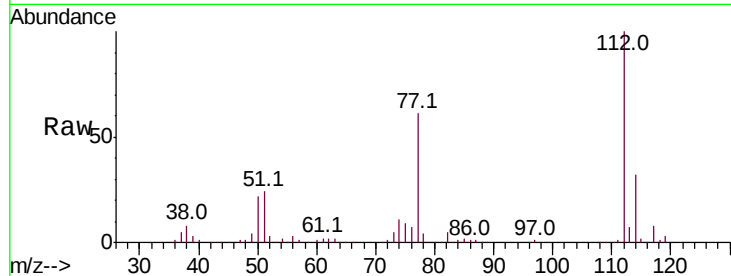




#65
Chlorobenzene
Concen: 49.596 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN064077.D
Acq: 12 Oct 2020 14:44

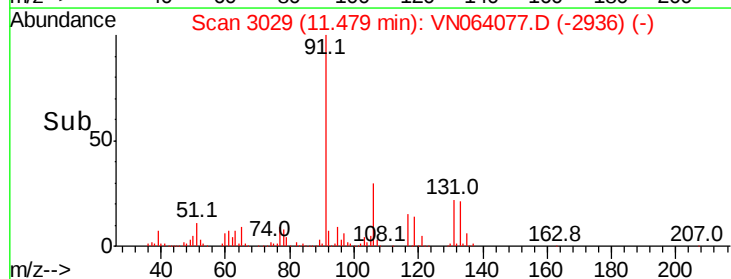
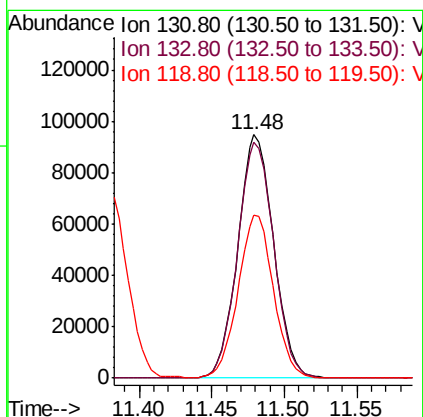
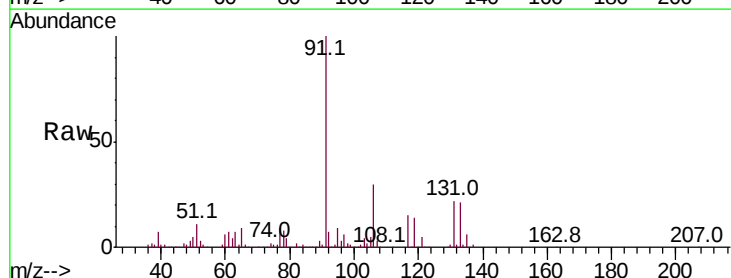
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

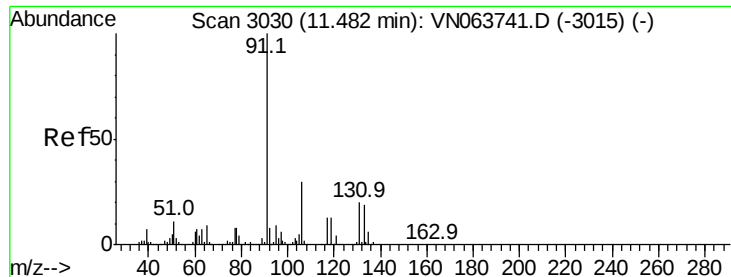
Tot Ion:112 Resp: 413844
Ion Ratio Lower Upper
112 100
114 32.1 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 50.824 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064077.D
Acq: 12 Oct 2020 14:44

Tgt Ion:131 Resp: 162586
Ion Ratio Lower Upper
131 100
133 98.0 47.3 141.8
119 66.3 32.6 97.7





#67

Ethyl Benzene

Concen: 50.674 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. -0.00 min

Lab File: VN064077.D

Acq: 12 Oct 2020 14:44

Instrument :

MSVOA_N

ClientSampleId :

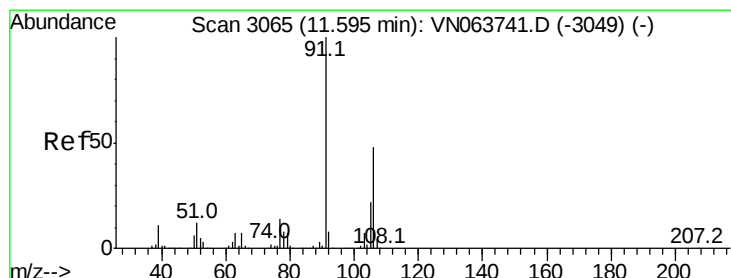
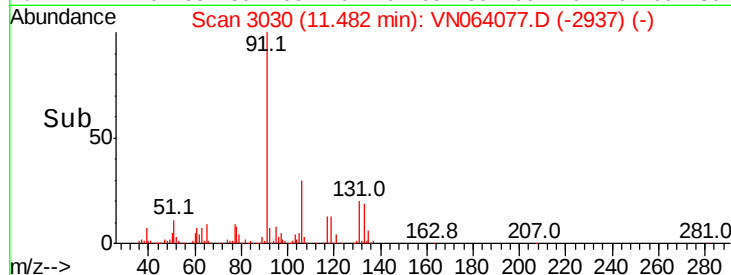
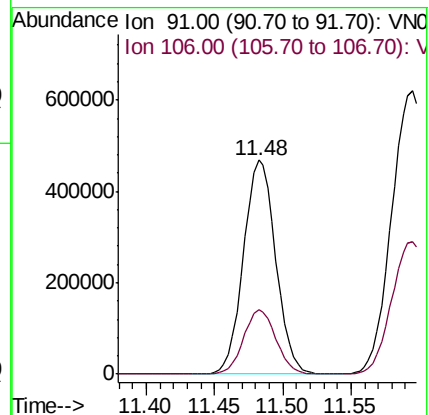
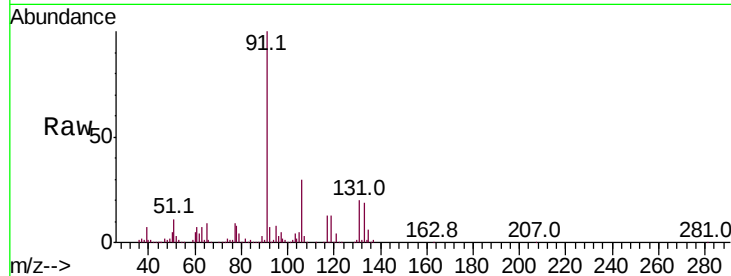
VSTDCCC050

Tot Ion: 91 Resp: 769420

Ion Ratio Lower Upper

91 100

106 29.8 24.2 36.2



#68

m/p-Xylenes

Concen: 99.611 ug/l

RT: 11.59 min Scan# 3065

Delta R.T. -0.00 min

Lab File: VN064077.D

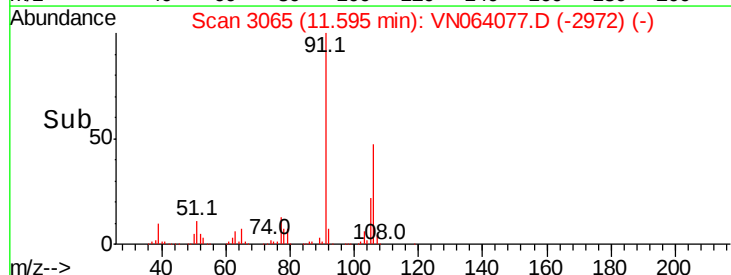
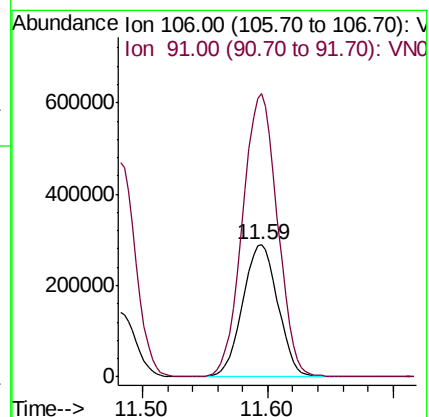
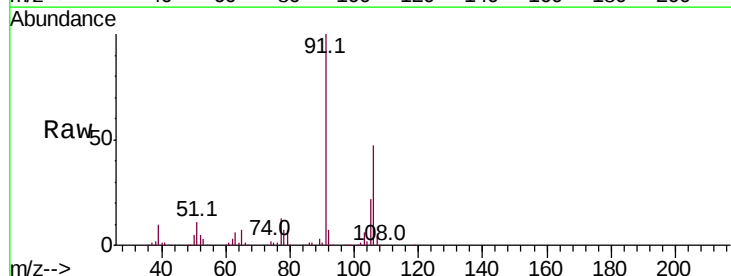
Acq: 12 Oct 2020 14:44

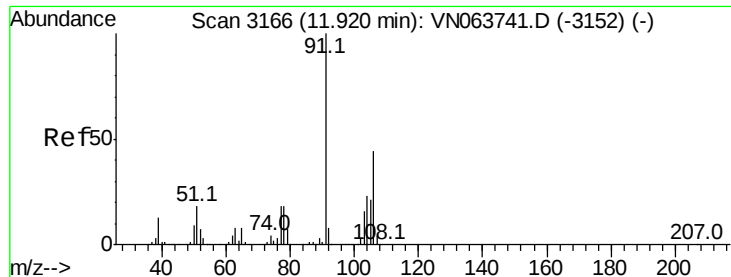
Tgt Ion: 106 Resp: 563692

Ion Ratio Lower Upper

106 100

91 213.1 168.0 252.0

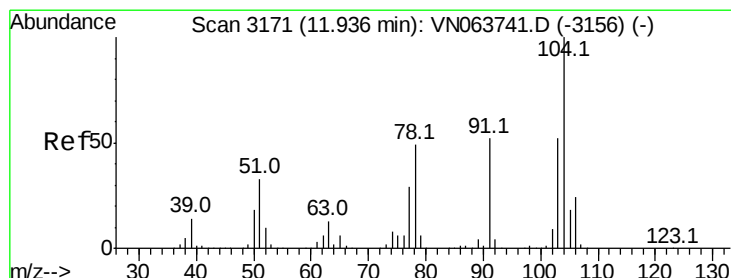
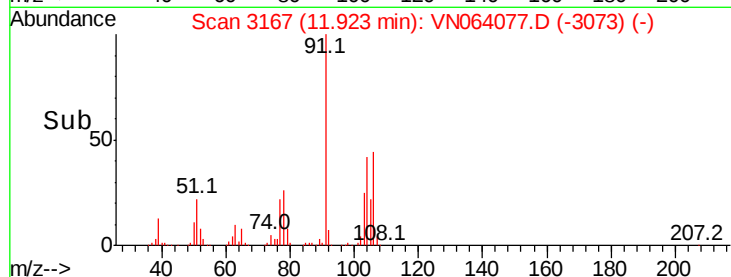
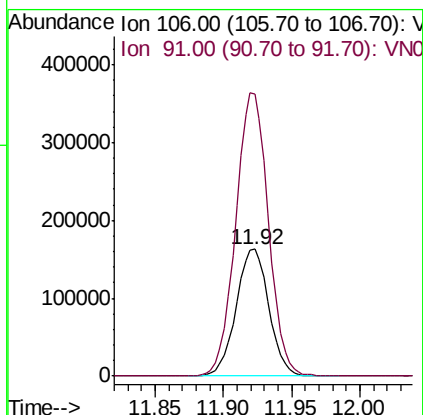
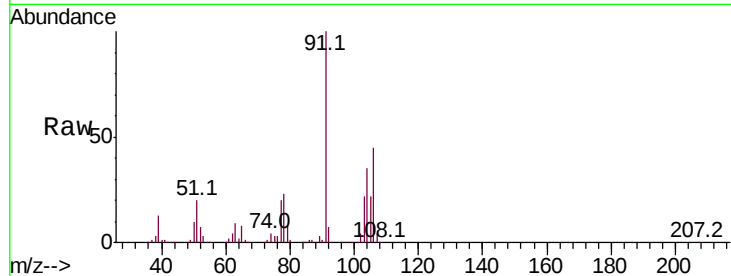




#69
o-Xylene
Concen: 51.327 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN064077.D
Acq: 12 Oct 2020 14:44

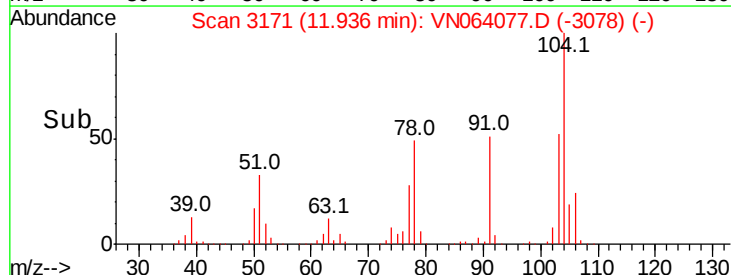
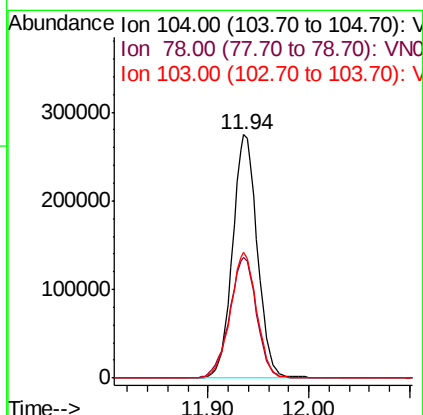
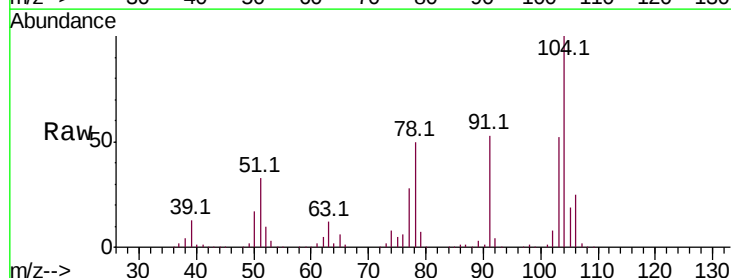
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

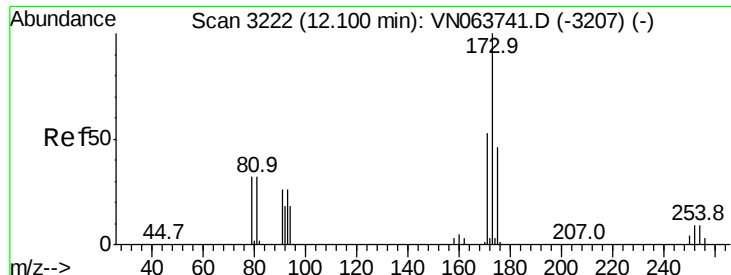
Tot Ion:106 Resp: 271477
Ion Ratio Lower Upper
106 100
91 222.4 112.7 338.0



#70
Styrene
Concen: 52.283 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064077.D
Acq: 12 Oct 2020 14:44

Tgt Ion:104 Resp: 469414
Ion Ratio Lower Upper
104 100
78 54.3 44.1 66.1
103 54.8 44.3 66.5





#71

Bromoform

Concen: 51.384 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. -0.00 min

Lab File: VN064077.D

Acq: 12 Oct 2020 14:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

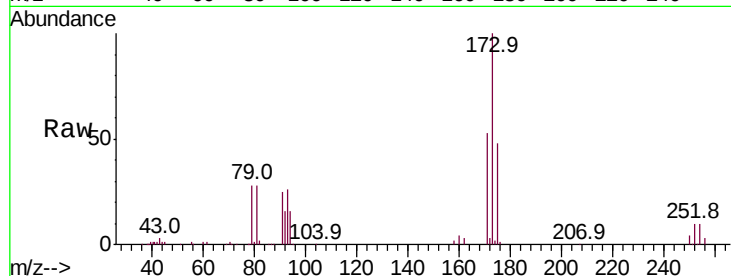
Tot Ion:173 Resp: 125717

Ion Ratio Lower Upper

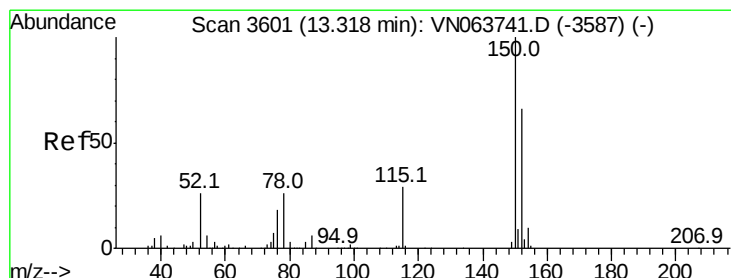
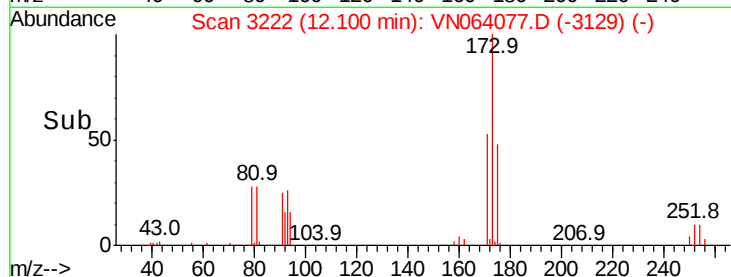
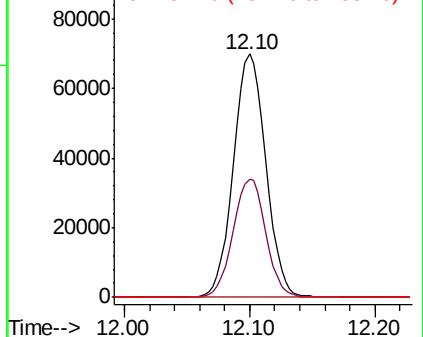
173 100

175 48.8 23.5 70.5

254 0.0 0.0 0.0#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3600

Delta R.T. -0.00 min

Lab File: VN064077.D

Acq: 12 Oct 2020 14:44

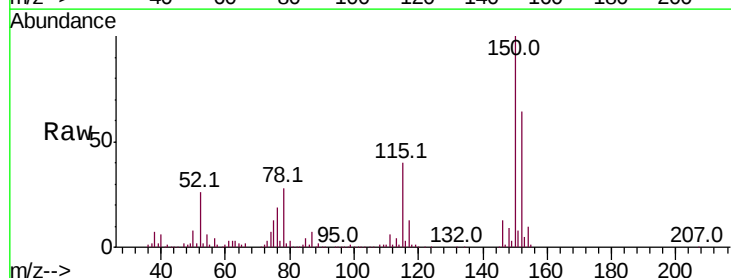
Tgt Ion:152 Resp: 194406

Ion Ratio Lower Upper

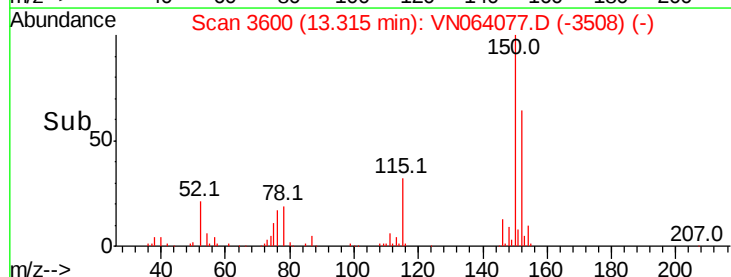
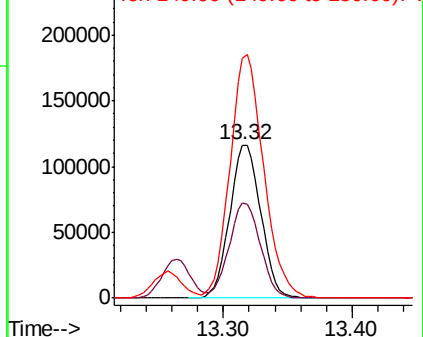
152 100

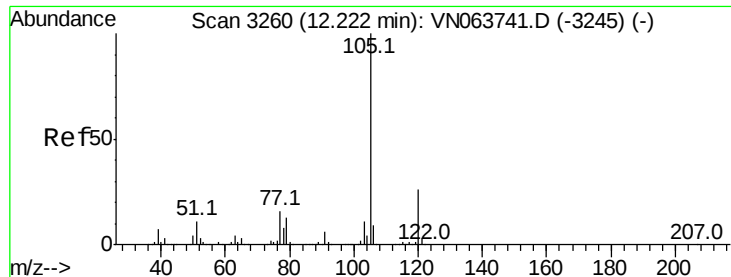
115 62.3 31.3 93.8

150 172.0 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: 51.405 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN064077.D

Acq: 12 Oct 2020 14:44

Instrument :

MSVOA_N

ClientSampleId :

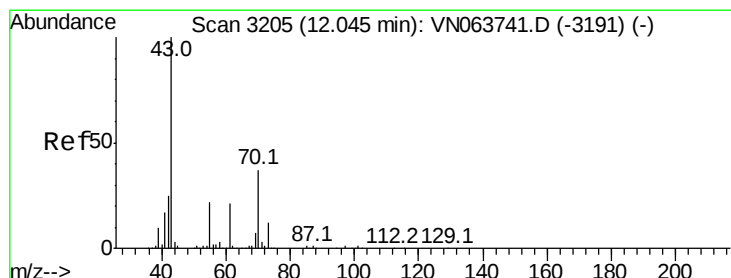
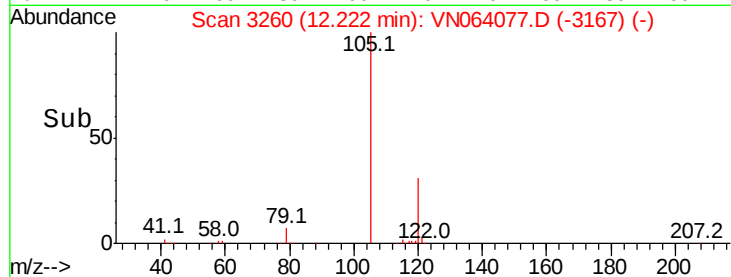
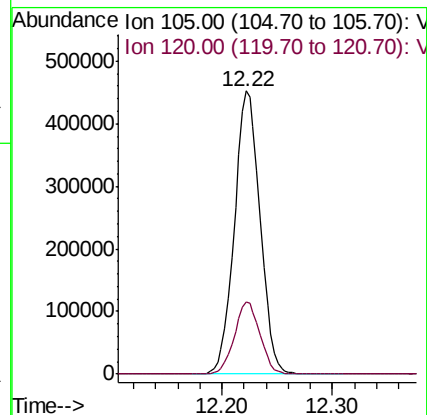
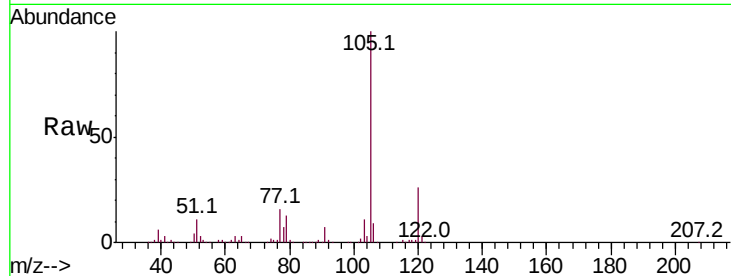
VSTDCCC050

Tot Ion:105 Resp: 728909

Ion Ratio Lower Upper

105 100

120 25.4 12.6 37.8



#74

N-ethyl acetate

Concen: 52.433 ug/l

RT: 12.04 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN064077.D

Acq: 12 Oct 2020 14:44

Tgt Ion: 43 Resp: 346305

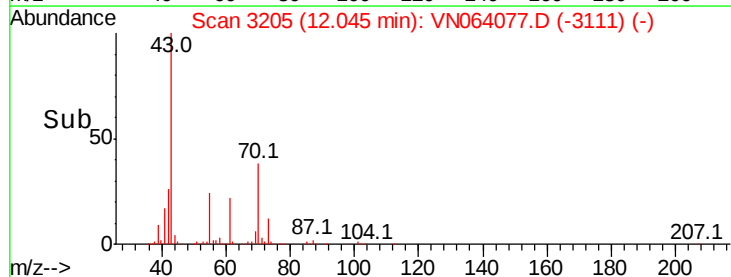
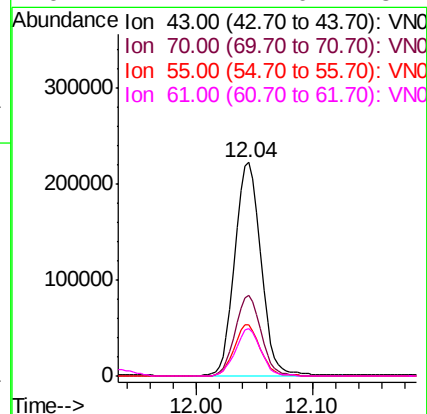
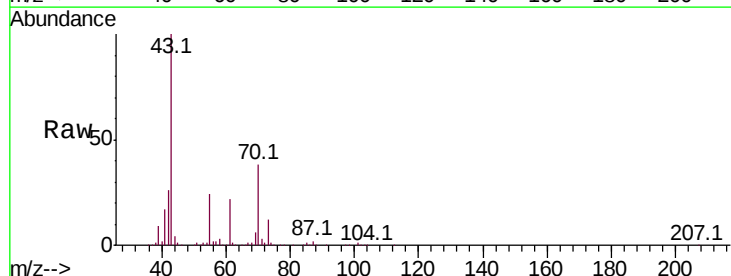
Ion Ratio Lower Upper

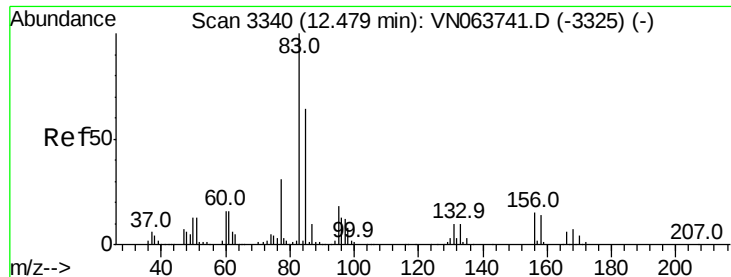
43 100

70 37.2 29.8 44.8

55 23.9 17.9 26.9

61 21.4 17.0 25.4





#75

1,1,2,2-Tetrachloroethane

Concen: 54.273 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN064077.D

Acq: 12 Oct 2020 14:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

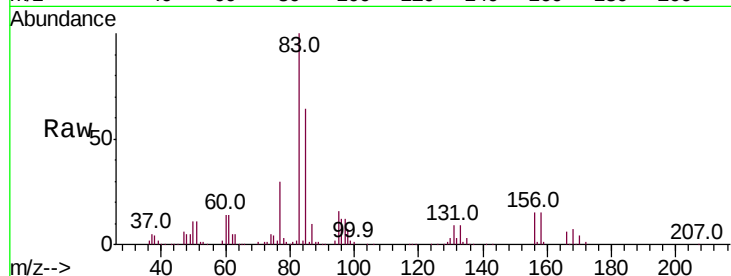
Tot Ion: 83 Resp: 235332

Ion Ratio Lower Upper

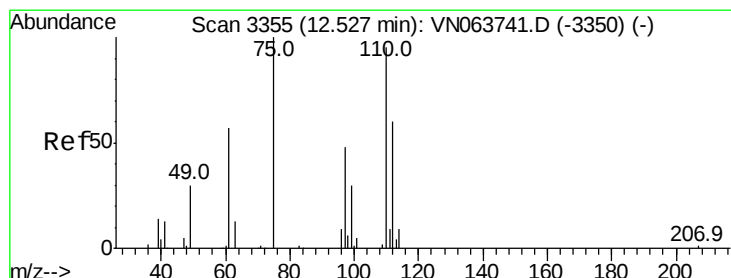
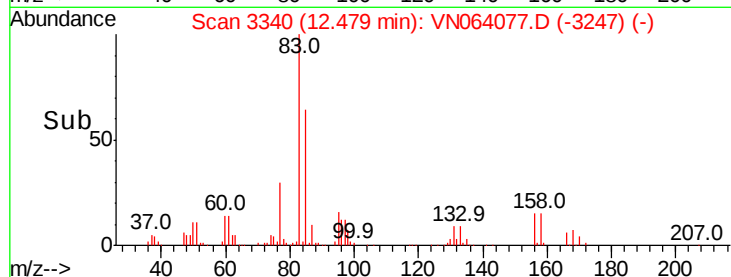
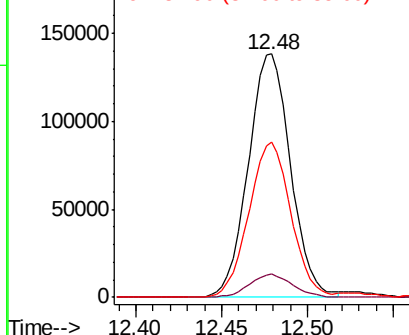
83 100

131 9.7 5.3 15.8

85 63.5 31.3 93.8



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 130.80 (130.50 to 131.50): VNO
Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 76.316 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. -0.00 min

Lab File: VN064077.D

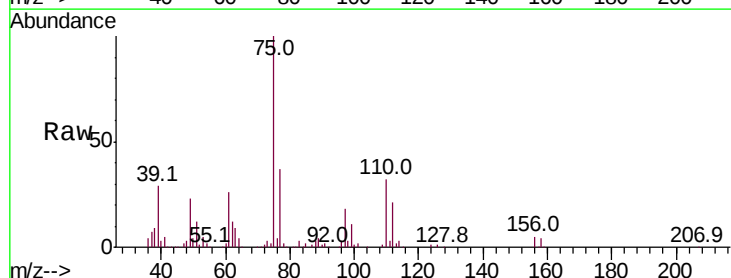
Acq: 12 Oct 2020 14:44

Tgt Ion: 75 Resp: 327052

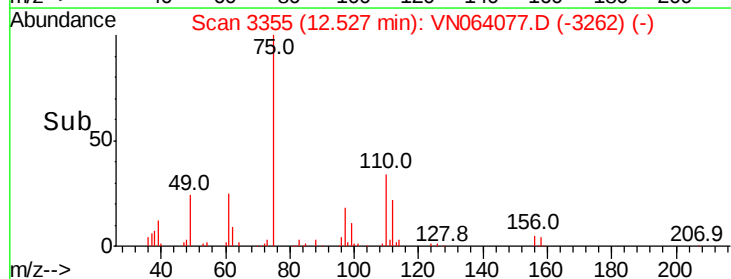
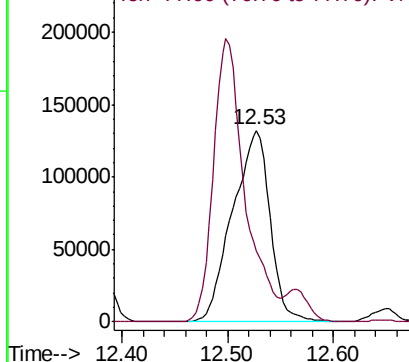
Ion Ratio Lower Upper

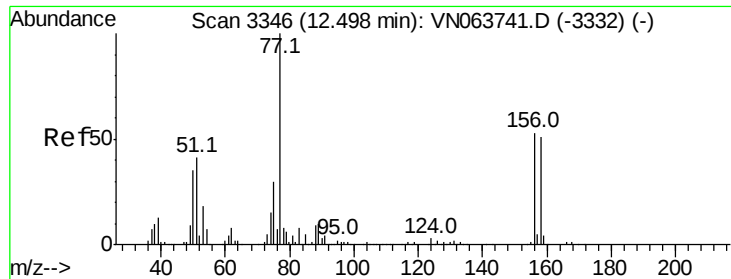
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 77.00 (76.70 to 77.70): VNO

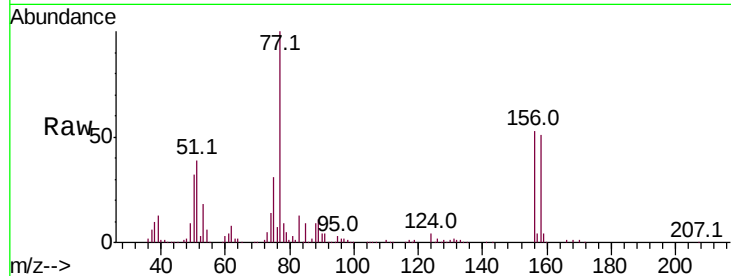




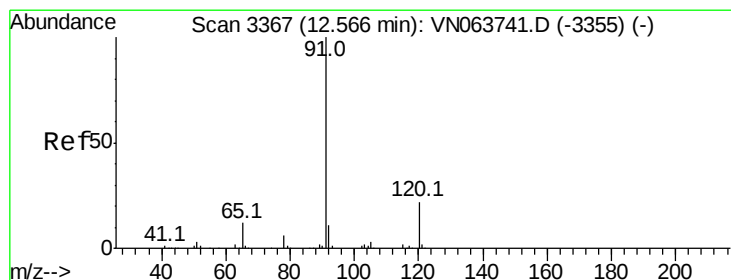
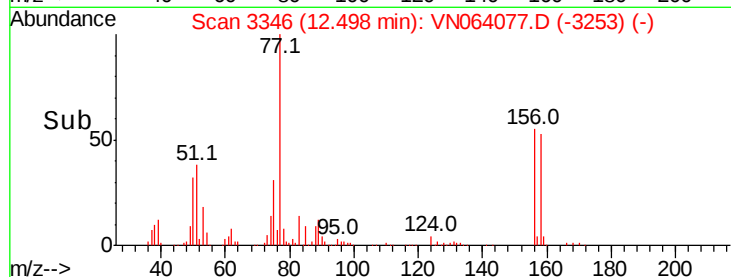
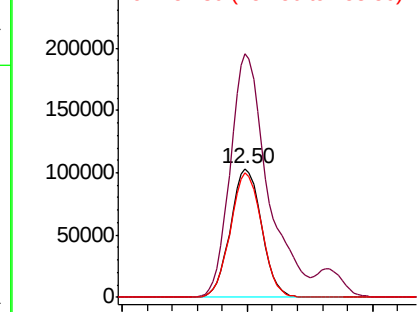
#77
Bromobenzene
Concen: 51.157 ug/l
RT: 12.50 min Scan# 3346
Delta R.T. -0.00 min
Lab File: VN064077.D
Acq: 12 Oct 2020 14:44

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion:156 Resp: 177994
Ion Ratio Lower Upper
156 100
77 227.9 110.9 332.7
158 97.3 47.7 143.1

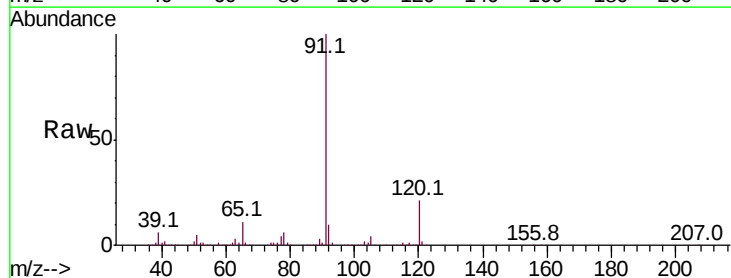


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VN
Ion 157.80 (157.50 to 158.50): V

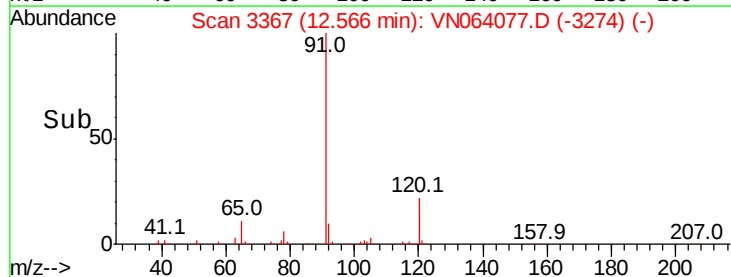
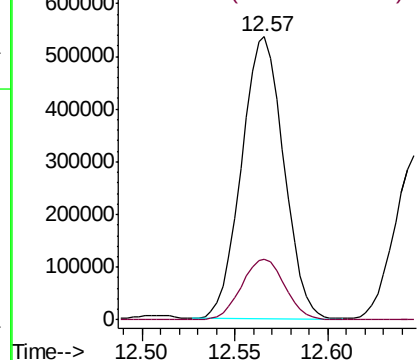


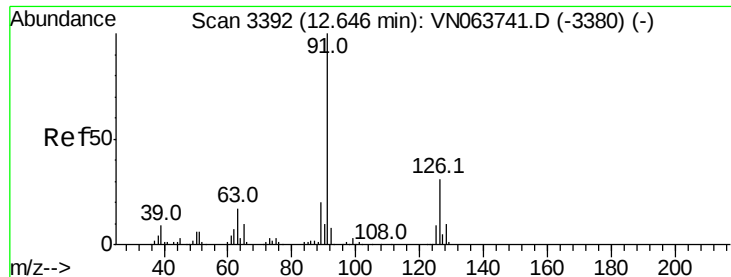
#78
n-propylbenzene
Concen: 51.209 ug/l
RT: 12.57 min Scan# 3367
Delta R.T. -0.00 min
Lab File: VN064077.D
Acq: 12 Oct 2020 14:44

Tgt Ion: 91 Resp: 845085
Ion Ratio Lower Upper
91 100
120 22.0 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.932 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN064077.D

Acq: 12 Oct 2020 14:44

Instrument :

MSVOA_N

ClientSampleId :

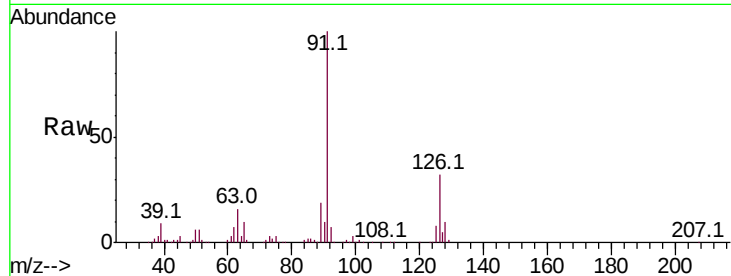
VSTDCCC050

Tot Ion: 91 Resp: 516922

Ion Ratio Lower Upper

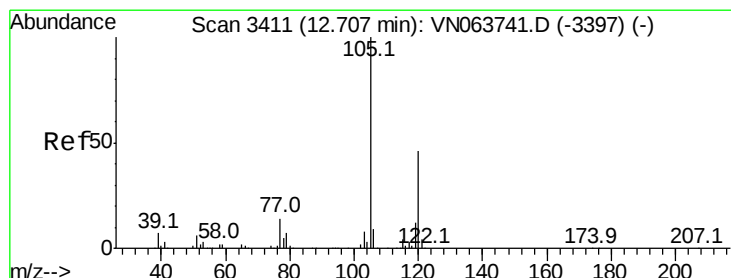
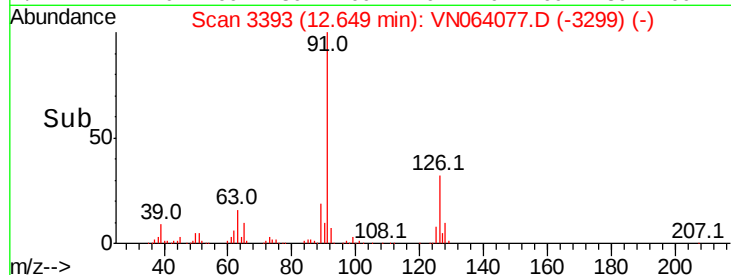
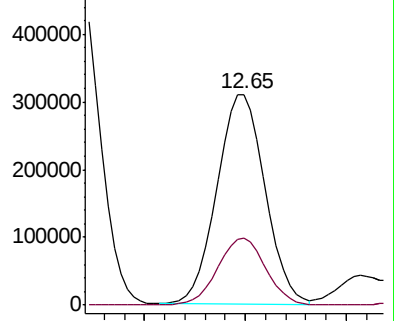
91 100

126 31.8 15.9 47.7



Abundance Ion 91.00 (90.70 to 91.70): VN063741.D (-3380) (-)

Ion 125.90 (125.60 to 126.60): VN063741.D (-3380) (-)



#80

1,3,5-Trimethylbenzene

Concen: 52.047 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN064077.D

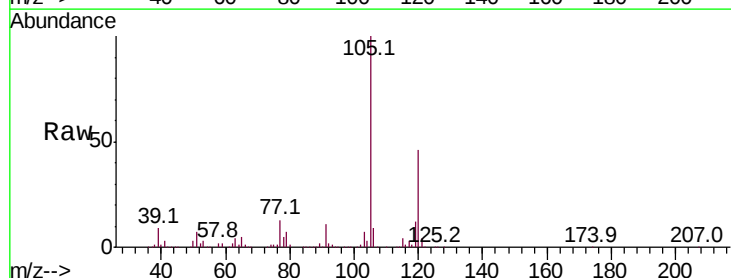
Acq: 12 Oct 2020 14:44

Tgt Ion: 105 Resp: 619160

Ion Ratio Lower Upper

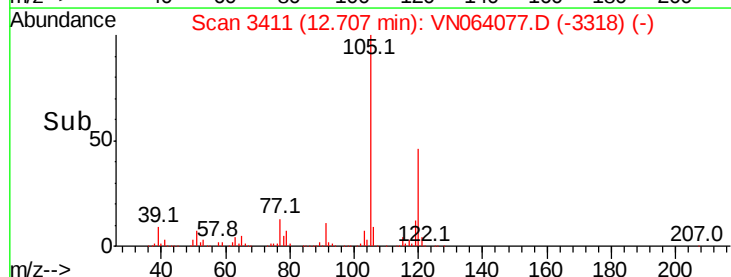
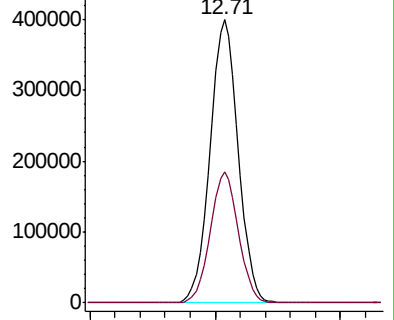
105 100

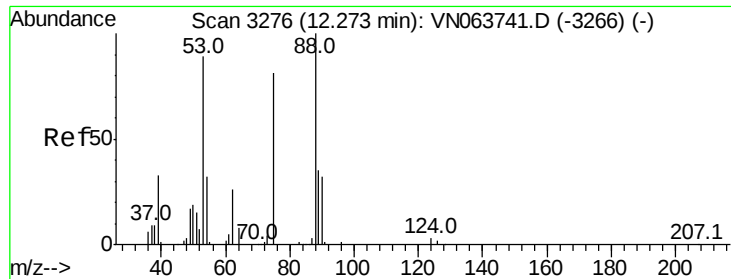
120 46.4 23.3 69.9



Abundance Ion 105.00 (104.70 to 105.70): VN063741.D (-3397) (-)

Ion 120.00 (119.70 to 120.70): VN063741.D (-3397) (-)

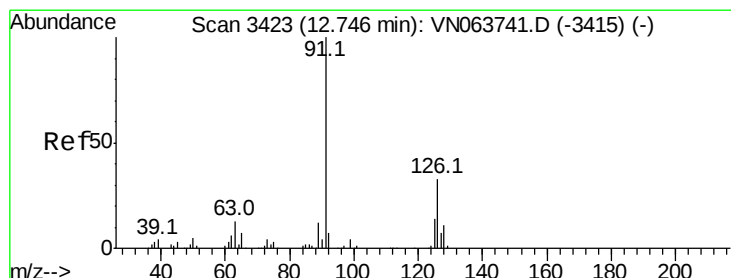
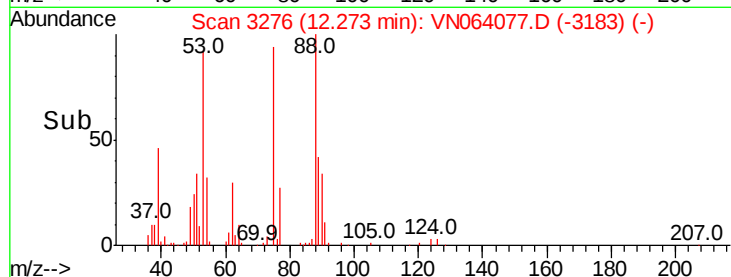
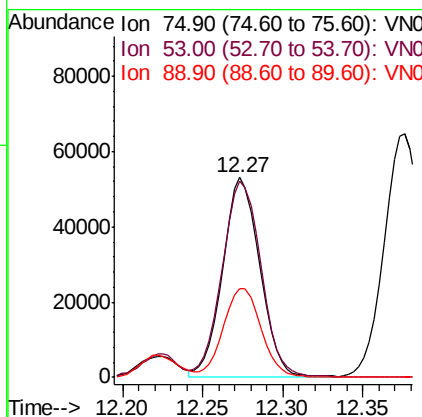
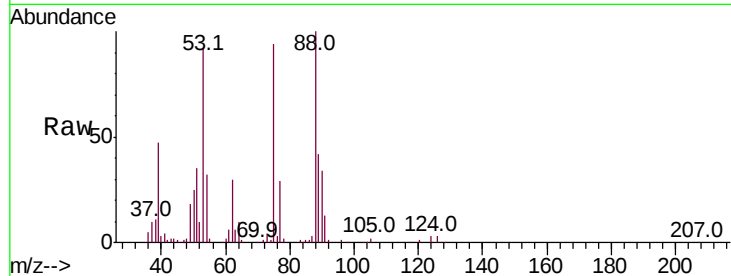




#81
trans-1,4-Dichloro-2-butene
Concen: 56.635 ug/l
RT: 12.27 min Scan# 3276
Delta R.T. -0.00 min
Lab File: VN064077.D
Acq: 12 Oct 2020 14:44

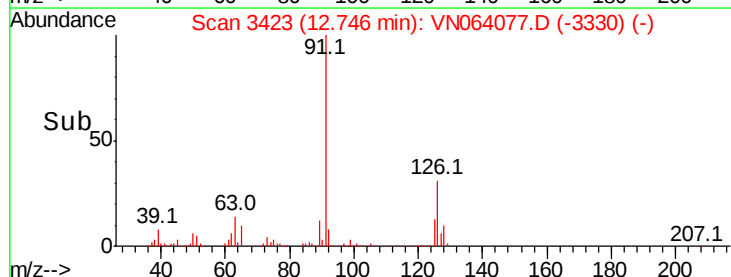
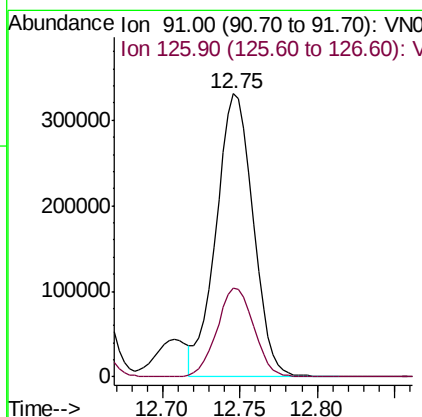
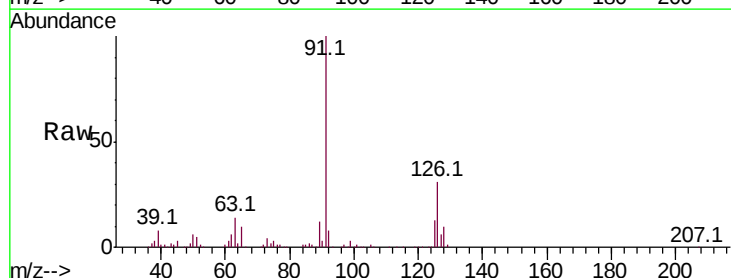
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

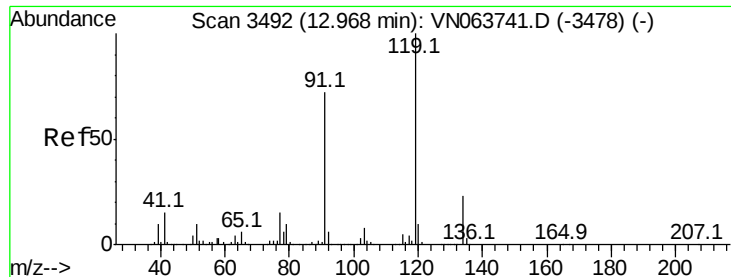
Tot Ion: 75 Resp: 84269
Ion Ratio Lower Upper
75 100
53 103.6 88.2 132.2
89 45.6 36.0 54.0



#82
4-Chlorotoluene
Concen: 52.021 ug/l
RT: 12.75 min Scan# 3423
Delta R.T. -0.00 min
Lab File: VN064077.D
Acq: 12 Oct 2020 14:44

Tgt Ion: 91 Resp: 548101
Ion Ratio Lower Upper
91 100
126 31.0 15.4 46.2

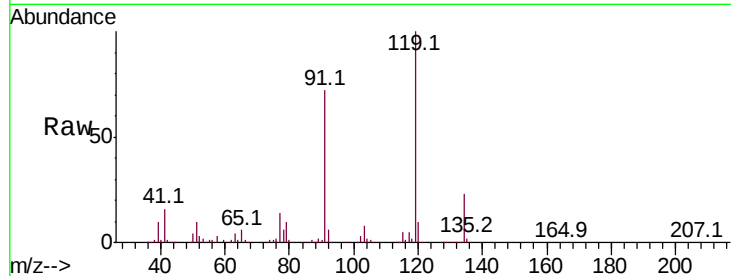




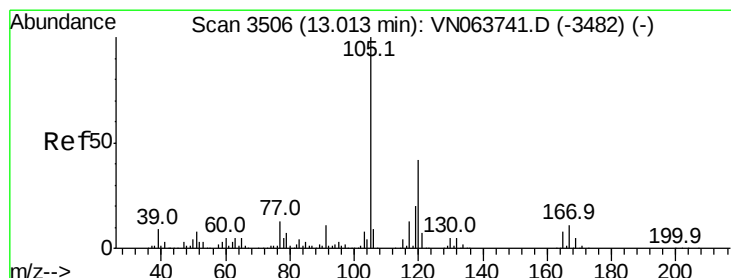
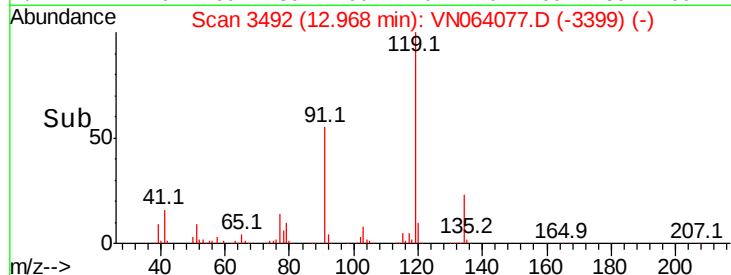
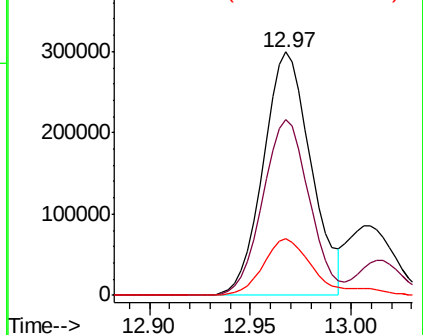
#83
tert-Butylbenzene
Concen: 50.639 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. -0.00 min
Lab File: VN064077.D
Acq: 12 Oct 2020 14:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:119 Resp: 492754
Ion Ratio Lower Upper
119 100
91 70.6 35.5 106.5
134 25.2 11.7 35.1

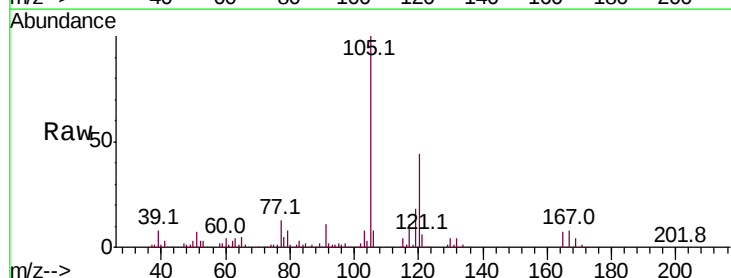


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

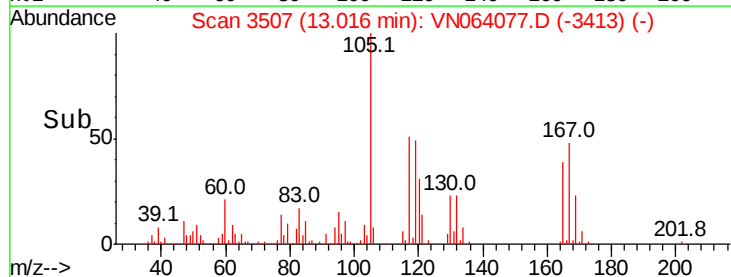
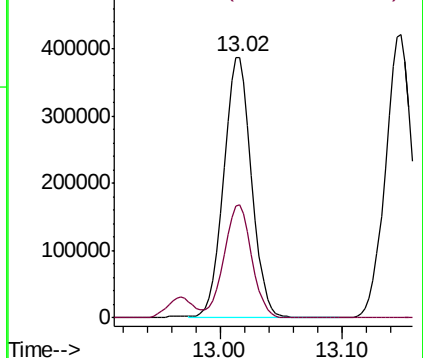


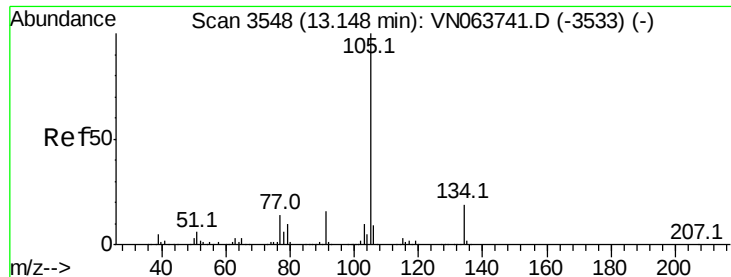
#84
1,2,4-Trimethylbenzene
Concen: 51.968 ug/l
RT: 13.02 min Scan# 3507
Delta R.T. 0.00 min
Lab File: VN064077.D
Acq: 12 Oct 2020 14:44

Tgt Ion:105 Resp: 617234
Ion Ratio Lower Upper
105 100
120 43.7 20.9 62.7



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

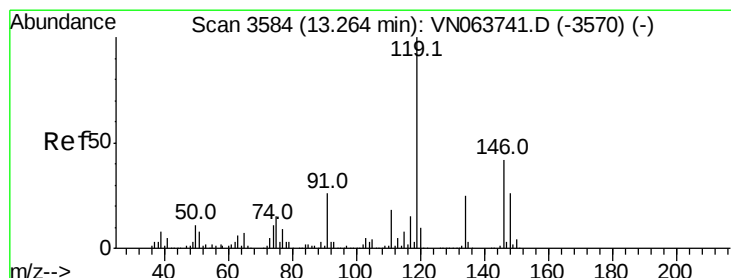
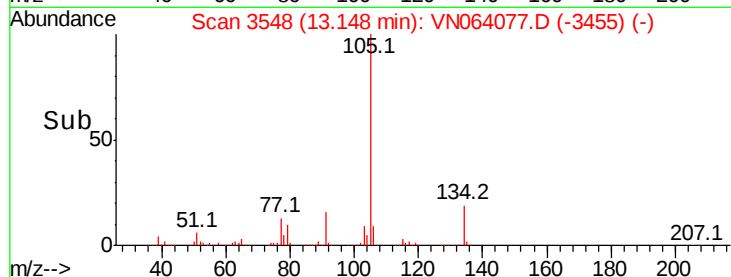
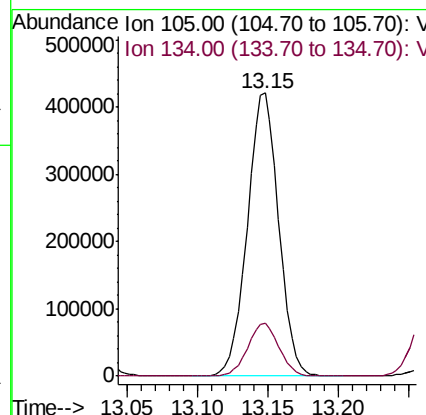
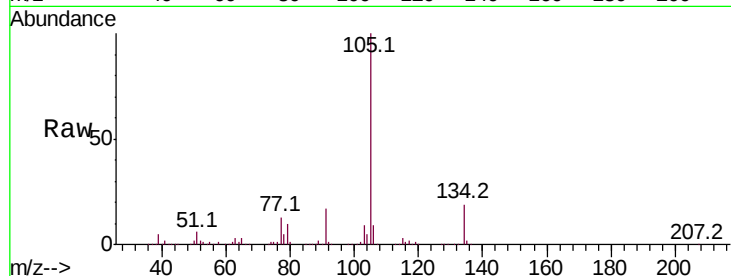




#85
 sec-Butylbenzene
 Concen: 51.006 ug/l
 RT: 13.15 min Scan# 3548
 Delta R.T. 0.00 min
 Lab File: VN064077.D
 Acq: 12 Oct 2020 14:44

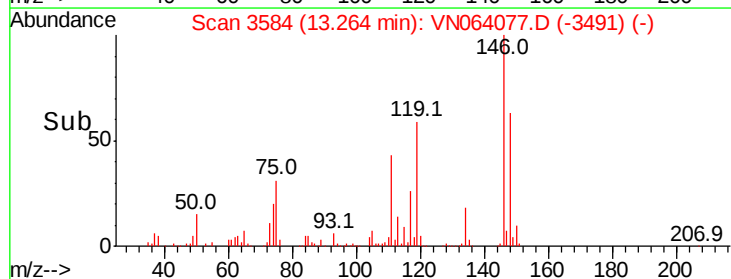
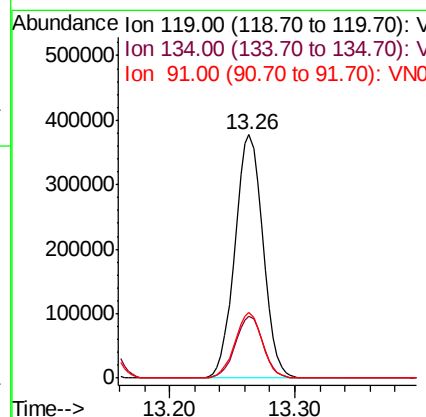
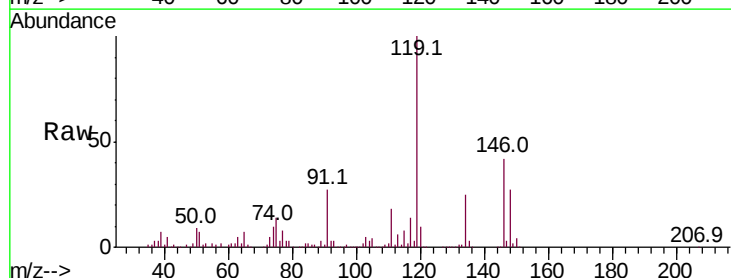
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

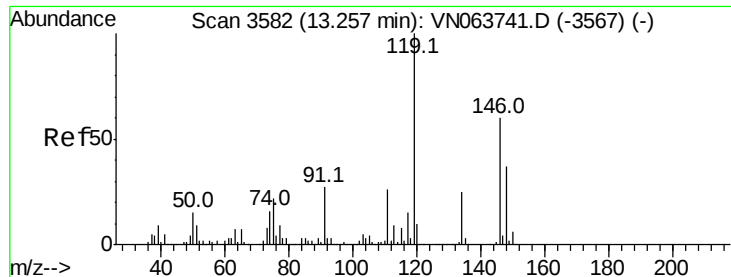
Tot Ion:105 Resp: 651903
 Ion Ratio Lower Upper
 105 100
 134 18.7 9.5 28.5



#86
 p-Isopropyltoluene
 Concen: 51.638 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. 0.00 min
 Lab File: VN064077.D
 Acq: 12 Oct 2020 14:44

Tgt Ion:119 Resp: 583853
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.6 37.8
 91 25.9 13.4 40.2

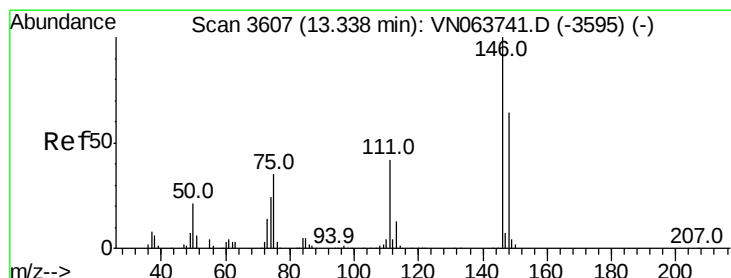
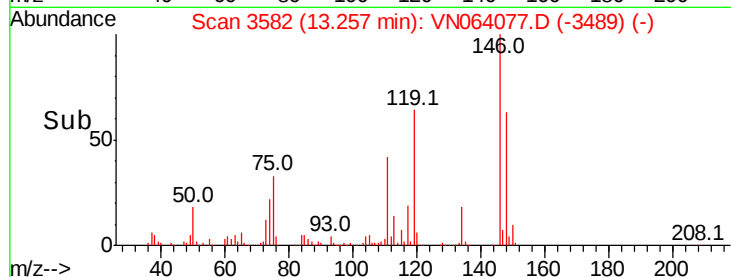
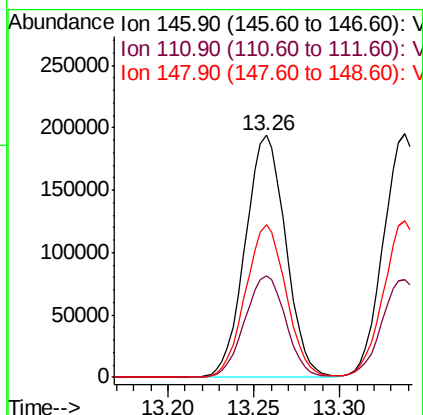
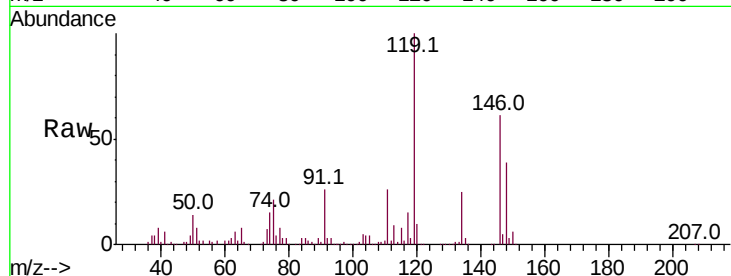




#87
 1,3-Dichlorobenzene
 Concen: 50.350 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN064077.D
 Acq: 12 Oct 2020 14:44

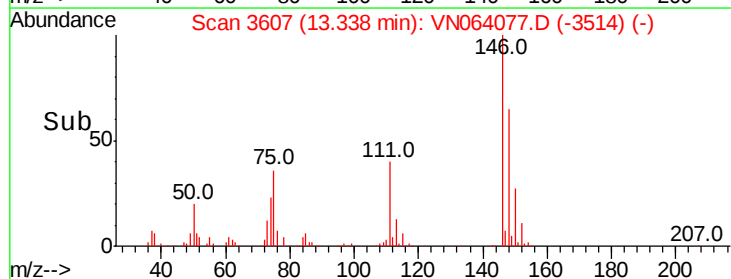
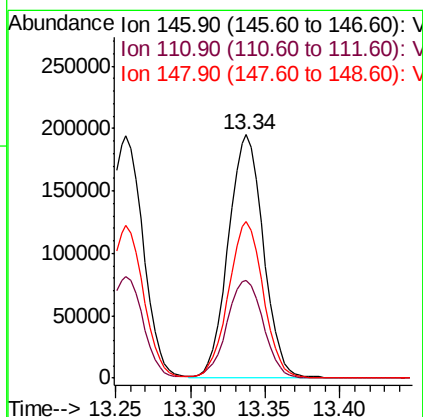
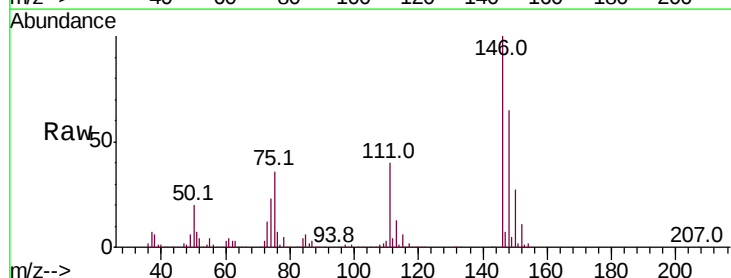
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

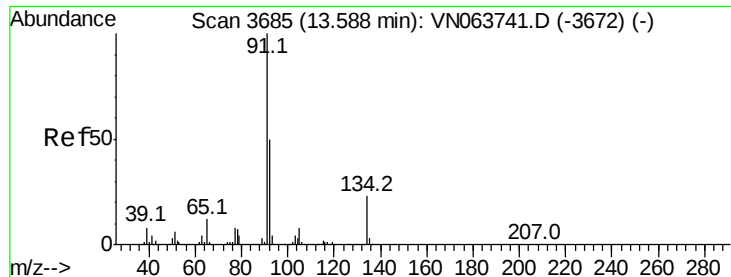
Tot Ion:146 Resp: 316934
 Ion Ratio Lower Upper
 146 100
 111 42.4 21.5 64.5
 148 63.2 31.1 93.3



#88
 1,4-Dichlorobenzene
 Concen: 48.356 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN064077.D
 Acq: 12 Oct 2020 14:44

Tgt Ion:146 Resp: 316926
 Ion Ratio Lower Upper
 146 100
 111 41.7 21.3 63.7
 148 63.9 32.0 96.0





#89

n-Butylbenzene

Concen: 47.670 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. -0.00 min

Lab File: VN064077.D

Acq: 12 Oct 2020 14:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

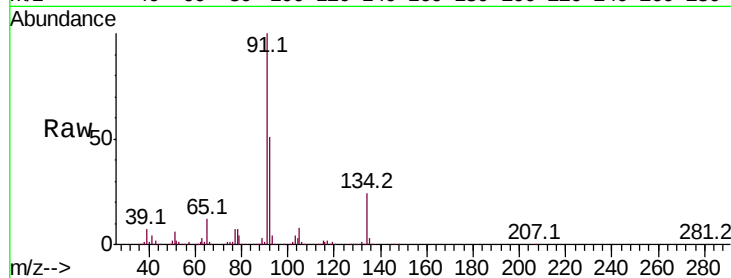
Tot Ion: 91 Resp: 497467

Ion Ratio Lower Upper

91 100

92 51.0 25.4 76.4

134 23.9 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VN063741.D (-3672) (-)

Ion 92.00 (91.70 to 92.70): VN063741.D (-3672) (-)

Ion 134.00 (133.70 to 134.70): VN063741.D (-3672) (-)

13.59

400000

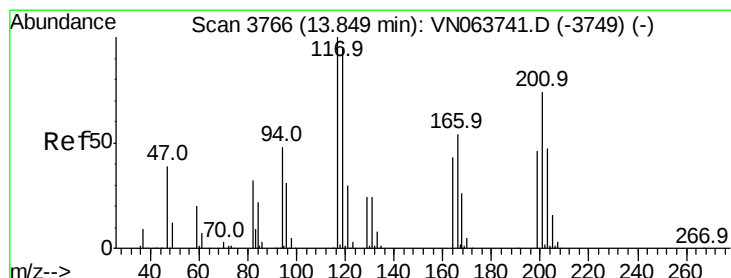
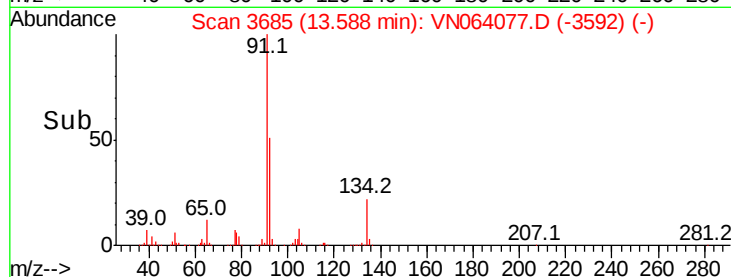
300000

200000

100000

0

Time--> 13.50 13.60 13.70



#90

Hexachloroethane

Concen: 49.836 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. 0.00 min

Lab File: VN064077.D

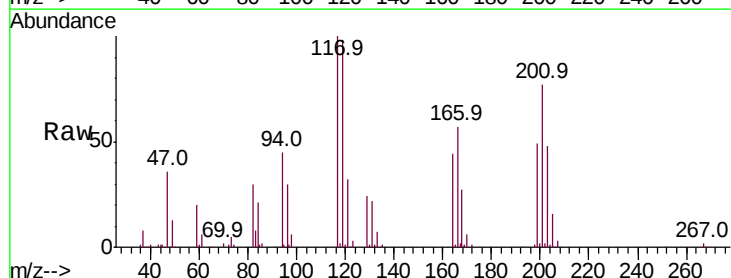
Acq: 12 Oct 2020 14:44

Tgt Ion: 117 Resp: 109188

Ion Ratio Lower Upper

117 100

201 76.0 36.0 108.0



Abundance Ion 116.80 (116.50 to 117.50): VN063741.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN063741.D (-3749) (-)

13.85

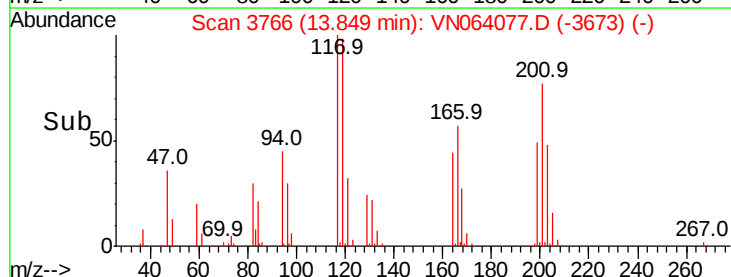
60000

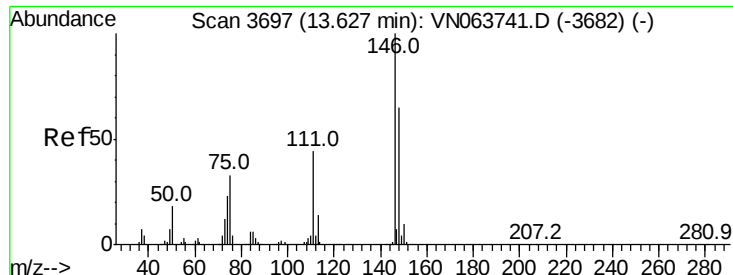
40000

20000

0

Time--> 13.80 13.85 13.90

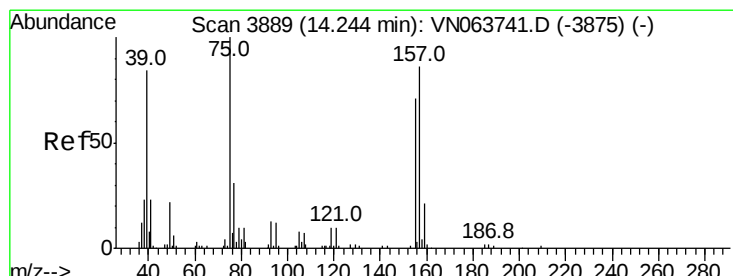
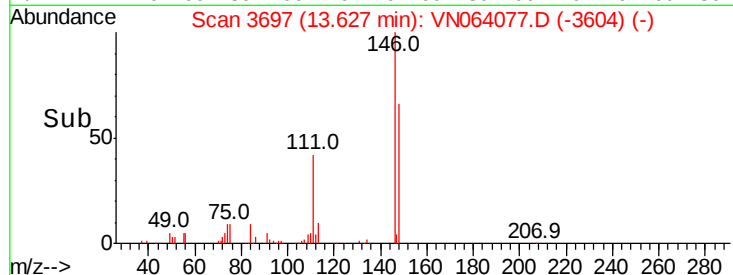
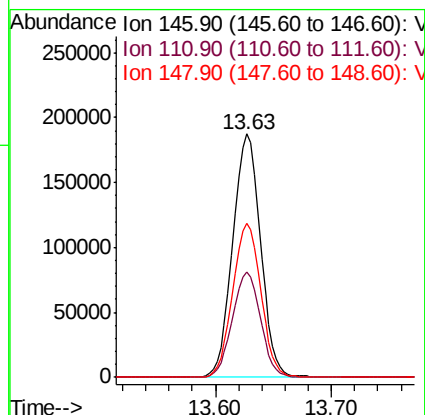
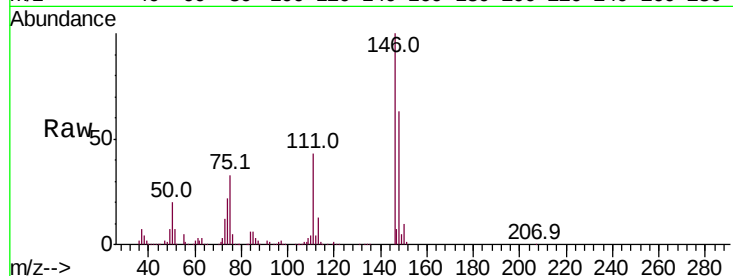




#91
 1,2-Dichlorobenzene
 Concen: 49.815 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. -0.00 min
 Lab File: VN064077.D
 Acq: 12 Oct 2020 14:44

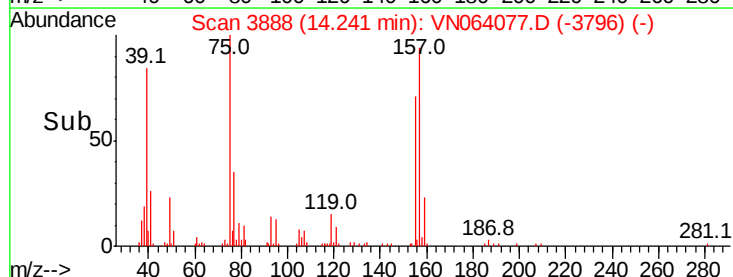
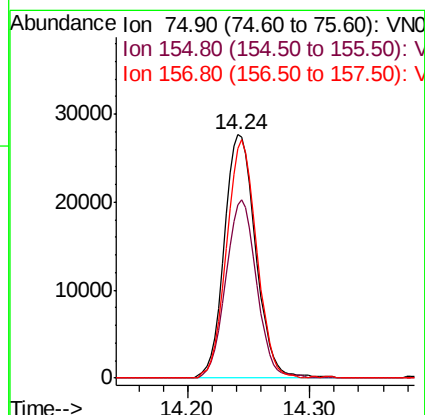
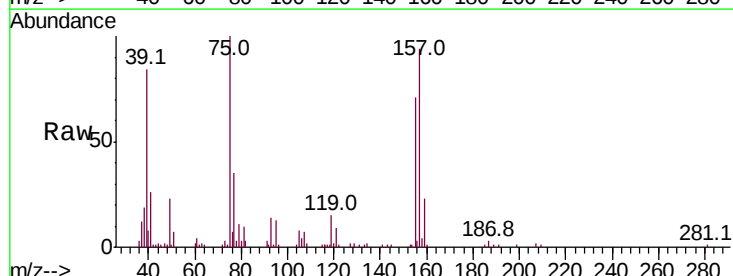
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

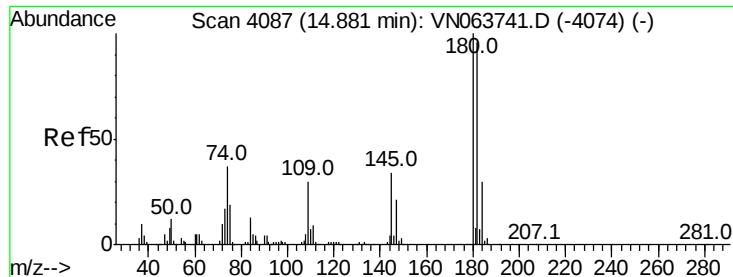
Tot Ion	Ratio	Lower	Upper
146	100		
111	43.9	22.2	66.6
148	64.1	32.5	97.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.348 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN064077.D
 Acq: 12 Oct 2020 14:44

Tgt Ion	Ratio	Lower	Upper
75	100		
155	71.2	34.8	104.5
157	93.0	43.7	131.1

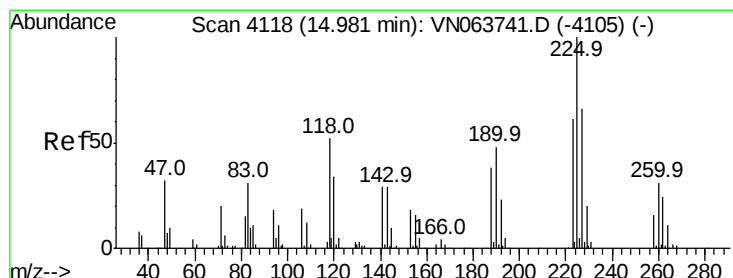
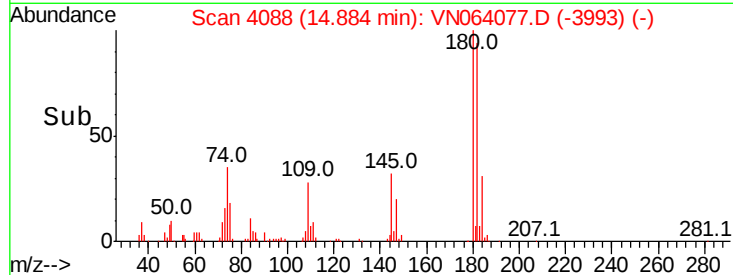
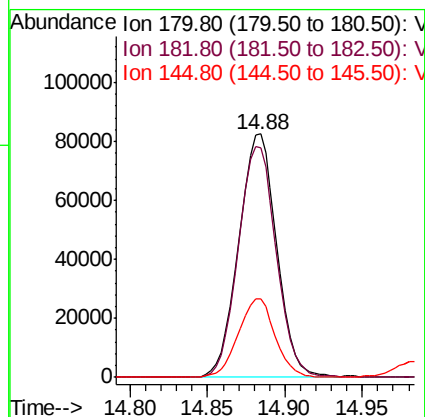
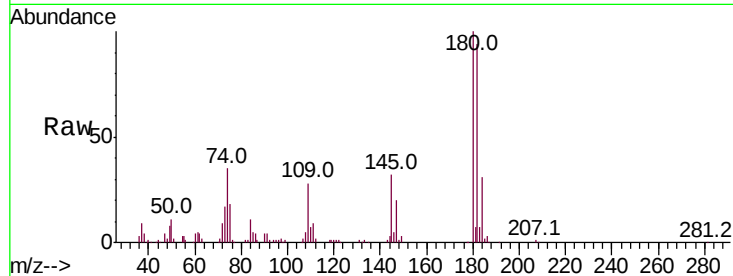




#93
 1,2,4-Trichlorobenzene
 Concen: 41.715 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN064077.D
 Acq: 12 Oct 2020 14:44

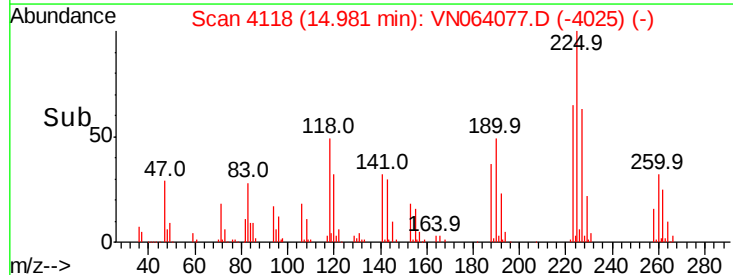
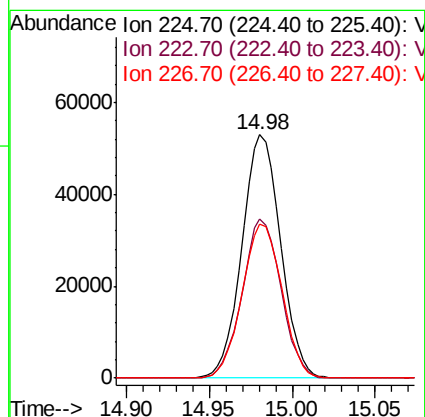
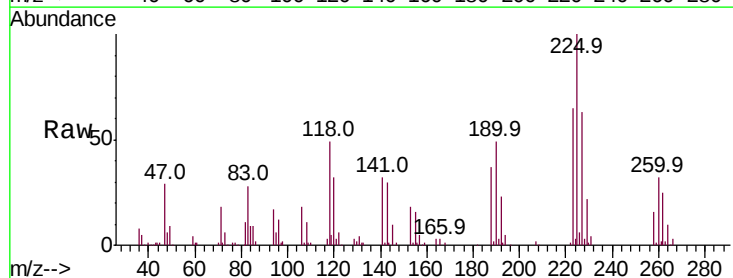
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

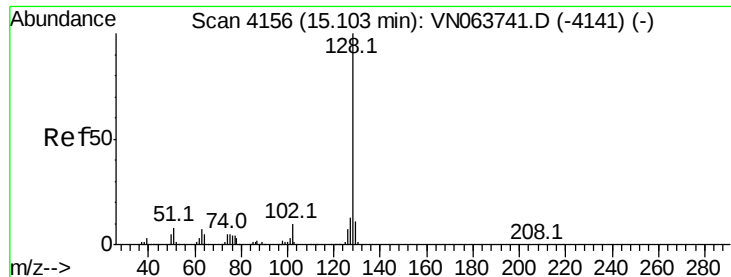
Tot Ion:	180	Resp:	140411
Ion	Ratio	Lower	Upper
180	100		
182	95.3	48.2	144.6
145	31.3	17.1	51.2



#94
 Hexachlorobutadiene
 Concen: 50.906 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN064077.D
 Acq: 12 Oct 2020 14:44

Tgt Ion:	225	Resp:	86056
Ion	Ratio	Lower	Upper
225	100		
223	65.5	30.3	91.0
227	64.9	31.9	95.5





#95

Naphthalene

Concen: 39.730 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064077.D

Acq: 12 Oct 2020 14:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

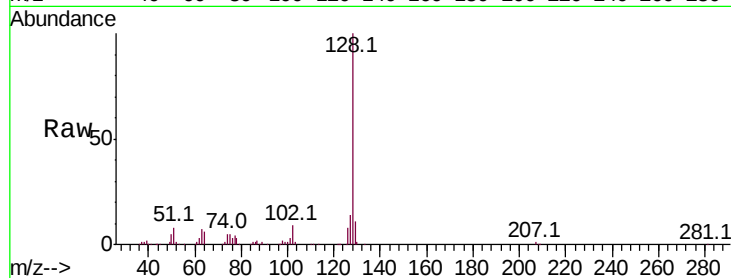
Tot Ion:128 Resp: 412443

Ion Ratio Lower Upper

128 100

127 13.3 10.5 15.7

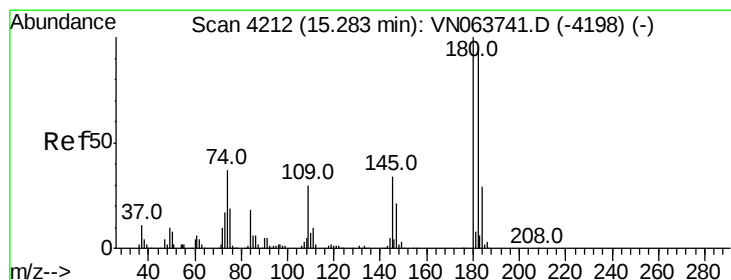
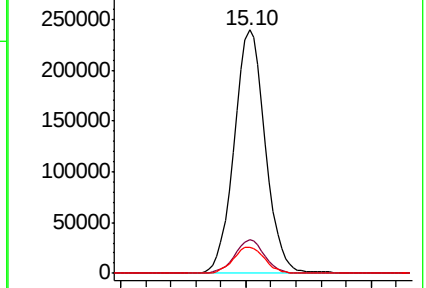
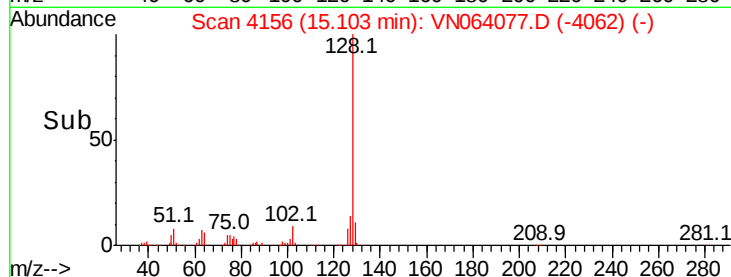
129 11.0 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 43.820 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN064077.D

Acq: 12 Oct 2020 14:44

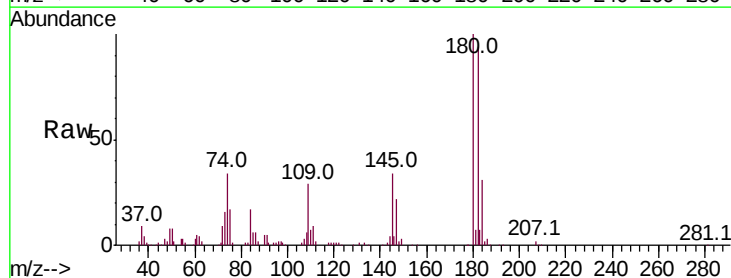
Tgt Ion:180 Resp: 143428

Ion Ratio Lower Upper

180 100

182 92.7 47.9 143.6

145 33.5 17.2 51.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

