

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092220\
 Data File : VN063553.D
 Acq On : 22 Sep 2020 23:41
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 23 05:50:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	248403	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	432614	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	405646	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	191959	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	216299	51.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.30%	
35) Dibromofluoromethane	7.55	113	153637	51.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.60%	
50) Toluene-d8	10.06	98	578055	51.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.66%	
62) 4-Bromofluorobenzene	12.38	95	224697	54.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.86%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	134800	47.900	ug/l	99
3) Chloromethane	2.04	50	160342	43.069	ug/l	99
4) Vinyl Chloride	2.16	62	164100	49.752	ug/l	100
5) Bromomethane	2.53	94	102514	52.346	ug/l	94
6) Chloroethane	2.67	64	100737	49.754	ug/l	97
7) Trichlorofluoromethane	2.99	101	265855	54.023	ug/l	99
8) Diethyl Ether	3.38	74	94137	49.070	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	138447	50.025	ug/l	98
10) Methyl Iodide	3.91	142	178359	49.500	ug/l	99
11) Tert butyl alcohol	4.73	59	119614	204.191	ug/l	98
12) 1,1-Dichloroethene	3.70	96	137263	48.967	ug/l	99
13) Acrolein	3.57	56	55561	255.939	ug/l	96
14) Allyl chloride	4.28	41	253331	45.688	ug/l	98
15) Acrylonitrile	4.93	53	365679	245.412	ug/l	99
16) Acetone	3.77	43	327749	241.176	ug/l	98
17) Carbon Disulfide	4.01	76	362675	44.479	ug/l	99
18) Methyl Acetate	4.28	43	174467	50.572	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	504029	48.243	ug/l	98
20) Methylene Chloride	4.51	84	164534	47.787	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	148600	47.847	ug/l	95
22) Diisopropyl ether	5.90	45	549605	48.601	ug/l	98
23) Vinyl Acetate	5.84	43	2296481	247.271	ug/l	99
24) 1,1-Dichloroethane	5.80	63	299474	48.506	ug/l	100
25) 2-Butanone	6.78	43	499529	239.003	ug/l	100
26) 2,2-Dichloropropane	6.78	77	224135	41.233	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	177949	50.622	ug/l	97
28) Bromochloromethane	7.15	49	142524	49.997	ug/l	96
29) Tetrahydrofuran	7.16	42	336579	235.789	ug/l	100
30) Chloroform	7.33	83	319364	51.558	ug/l	98
31) Cyclohexane	7.62	56	249085	42.652	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	278922	50.627	ug/l	100
36) 1,1-Dichloropropene	7.75	75	225063	48.832	ug/l	100
37) Ethyl Acetate	6.88	43	218541	48.313	ug/l	98
38) Carbon Tetrachloride	7.73	117	237207	50.418	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	225752	45.131	ug/l	98
40) Benzene	8.00	78	659576	50.133	ug/l	99
41) Methacrylonitrile	7.13	41	108186	53.177	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	270626	51.149	ug/l	99
43) Isopropyl Acetate	8.13	43	382584	47.301	ug/l #	89
44) Trichloroethene	8.80	130	162183	50.824	ug/l	97
45) 1,2-Dichloropropane	9.09	63	178667	49.861	ug/l	94
46) Dibromomethane	9.17	93	120607	51.210	ug/l	99
47) Bromodichloromethane	9.37	83	253383	51.787	ug/l	100
48) Methyl methacrylate	9.16	41	192490	48.439	ug/l	97
49) 1,4-Dioxane	9.17	88	50958	893.572	ug/l	94
51) 4-Methyl-2-Pentanone	9.95	43	1144167	252.679	ug/l	99
52) Toluene	10.13	92	416501	52.653	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	264419	48.409	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	282106	48.964	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	164123	52.235	ug/l	97
56) Ethyl methacrylate	10.40	69	245359	50.022	ug/l	97
57) 1,3-Dichloropropane	10.68	76	284471	50.206	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	597607	232.254	ug/l	97
59) 2-Hexanone	10.72	43	829467	252.847	ug/l	100
60) Dibromochloromethane	10.87	129	184118	51.870	ug/l	99
61) 1,2-Dibromoethane	10.98	107	168506	51.621	ug/l	98
64) Tetrachloroethene	10.60	164	147592	53.434	ug/l	99
65) Chlorobenzene	11.41	112	431695	50.134	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	165629	52.474	ug/l	99
67) Ethyl Benzene	11.49	91	818528	50.478	ug/l	100
68) m/p-Xylenes	11.60	106	594984	101.767	ug/l	99
69) o-Xylene	11.92	106	281935	50.622	ug/l	99
70) Styrene	11.94	104	498211	53.342	ug/l	98
71) Bromoform	12.10	173	120273	51.149	ug/l #	100
73) Isopropylbenzene	12.23	105	774933	50.378	ug/l	100
74) N-amyl acetate	12.05	43	349457	47.992	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	236747	49.706	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	319634	67.274	ug/l #	100
77) Bromobenzene	12.50	156	180088	52.046	ug/l	96
78) n-propylbenzene	12.57	91	904513	50.485	ug/l	100
79) 2-Chlorotoluene	12.65	91	548691	51.089	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	659043	51.379	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	75867	43.778	ug/l	95
82) 4-Chlorotoluene	12.75	91	572534	50.454	ug/l	100
83) tert-Butylbenzene	12.97	119	532294	50.280	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	661628	51.066	ug/l	100
85) sec-Butylbenzene	13.15	105	707039	49.894	ug/l	100
86) p-Isopropyltoluene	13.26	119	628677	50.298	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	330822	51.583	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	331069	50.774	ug/l	100
89) n-Butylbenzene	13.59	91	560963	48.691	ug/l	99
90) Hexachloroethane	13.85	117	111928	47.029	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	324267	51.499	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	52522	46.309	ug/l	98

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Quant Title : SW846 8260
QLast Update : Wed Sep 16 13:05:20 2020
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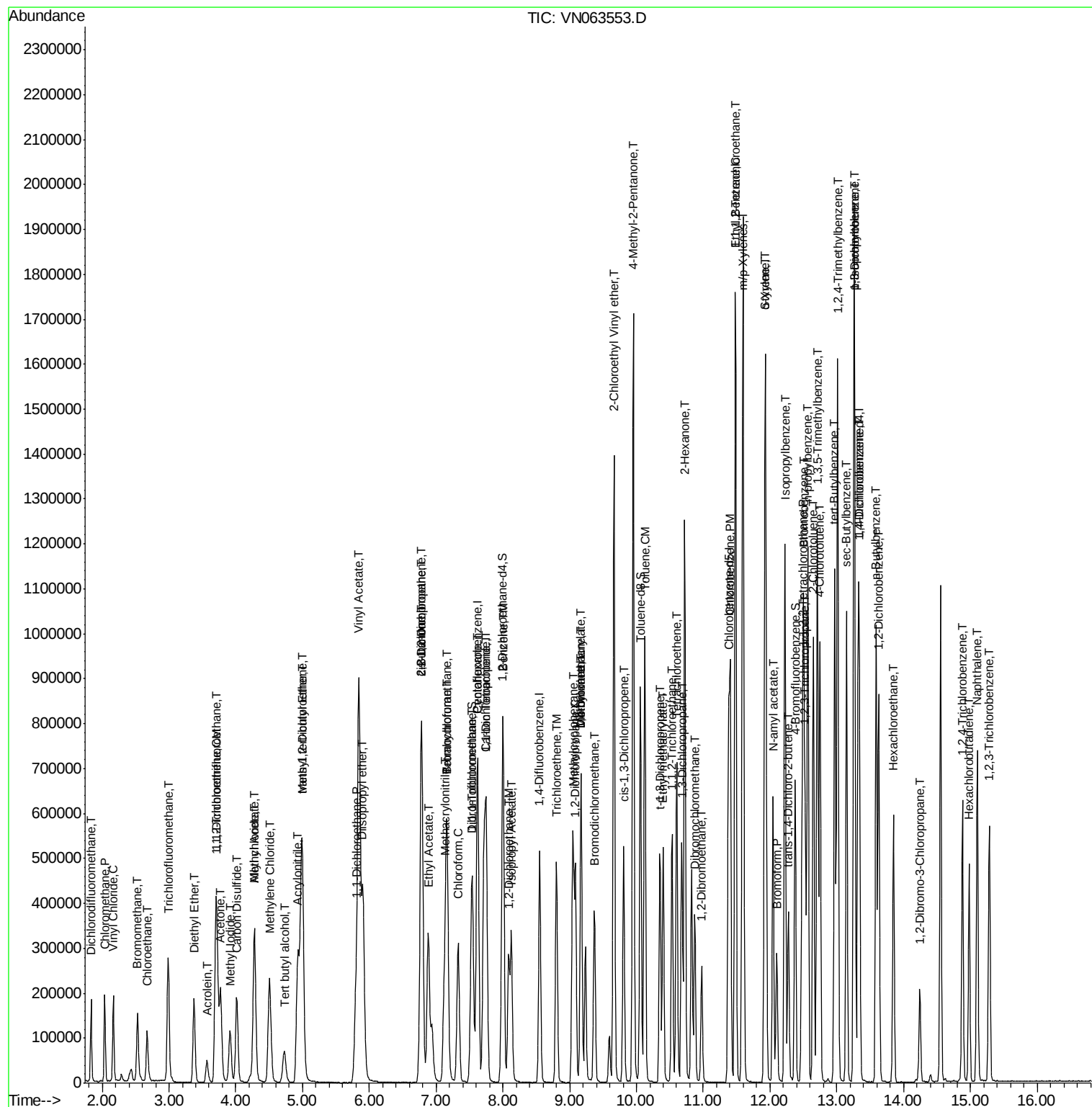
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	177552	47.832	ug/l	100
94) Hexachlorobutadiene	14.98	225	80597	52.447	ug/l	98
95) Naphthalene	15.10	128	585622	47.752	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	173707	48.432	ug/l	98

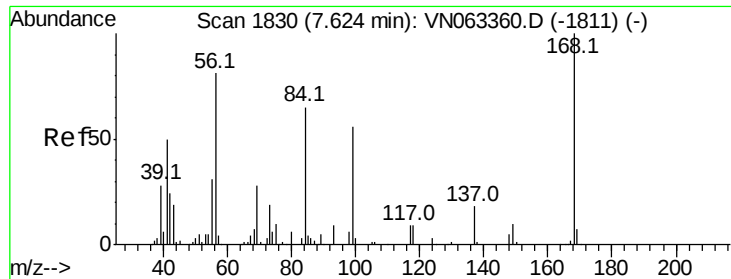
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092220\
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QLast Update : Wed Sep 16 13:05:20 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063553.D

Acq: 22 Sep 2020 23:41

Instrument :

MSVOA_N

ClientSampleId :

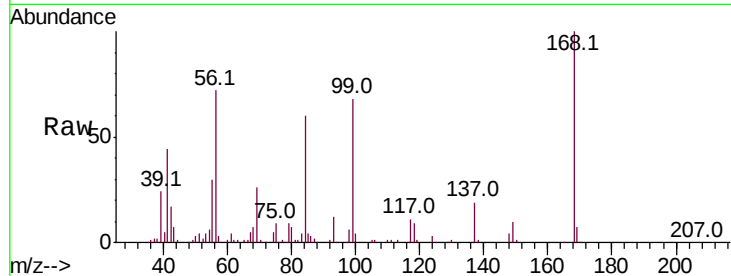
VSTDCCC050

Tot Ion:168 Resp: 248403

Ion Ratio Lower Upper

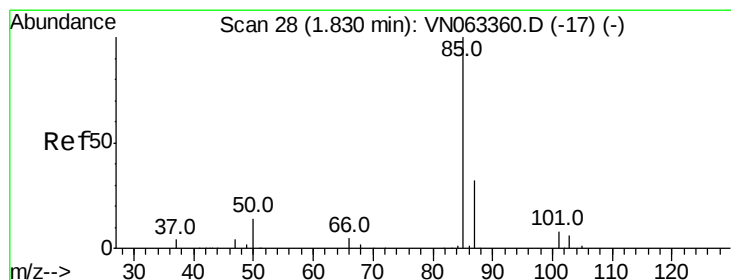
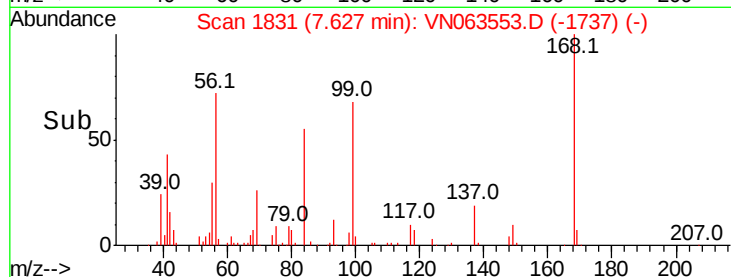
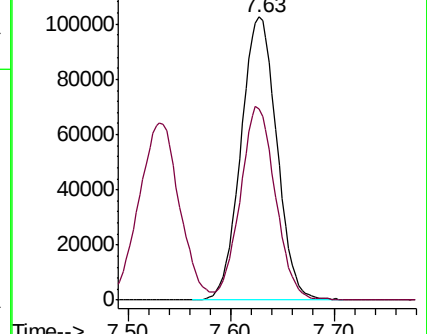
168 100

99 67.4 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 47.900 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063553.D

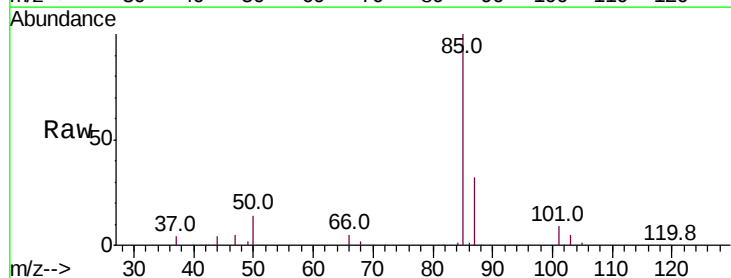
Acq: 22 Sep 2020 23:41

Tgt Ion: 85 Resp: 134800

Ion Ratio Lower Upper

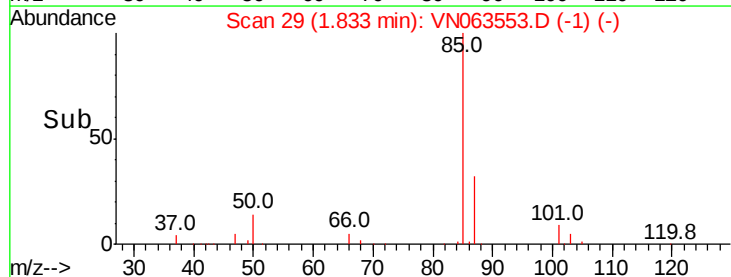
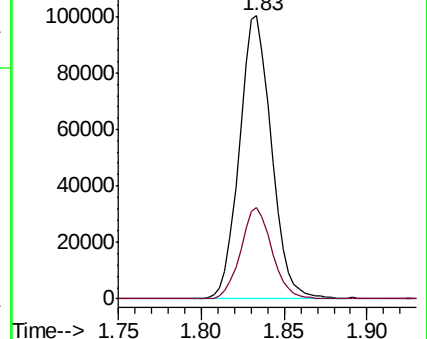
85 100

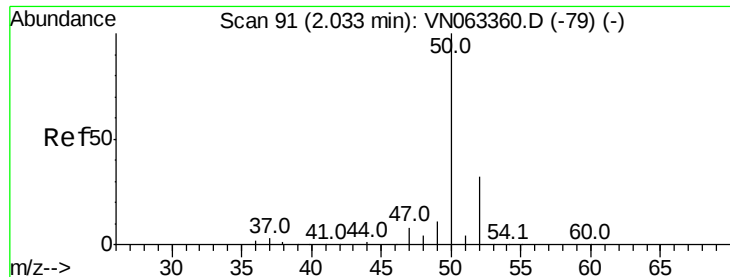
87 32.2 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

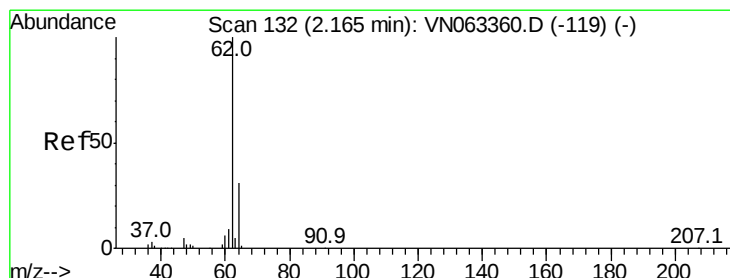
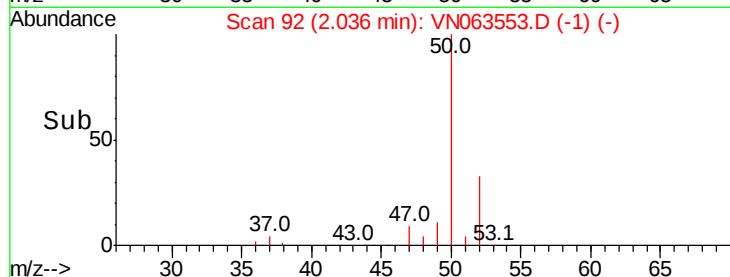
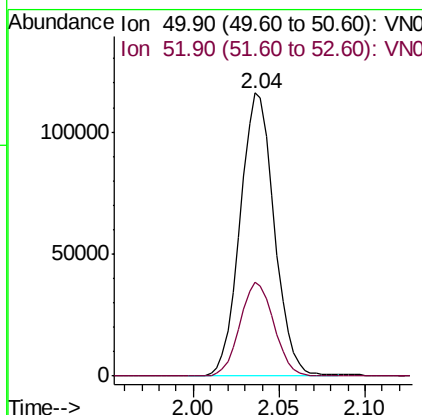
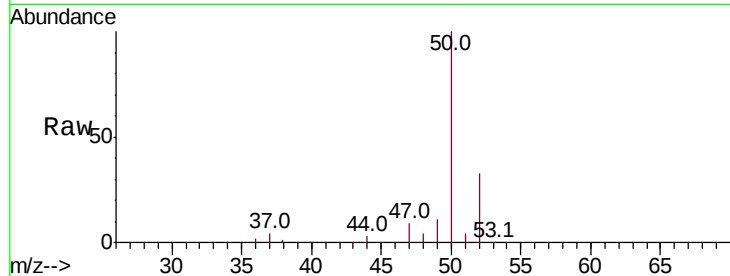




#3
Chloromethane
Concen: 43.069 ug/l
RT: 2.04 min Scan# 92
Delta R.T. 0.00 min
Lab File: VN063553.D
Acq: 22 Sep 2020 23:41

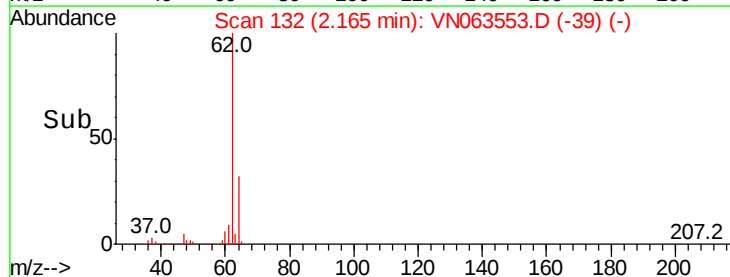
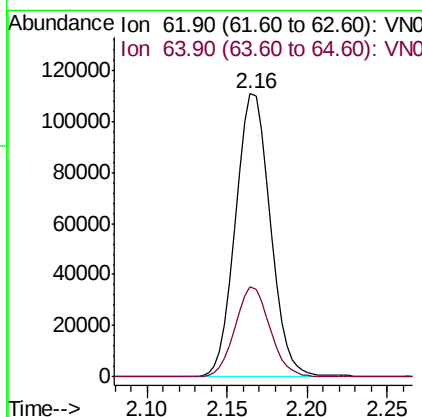
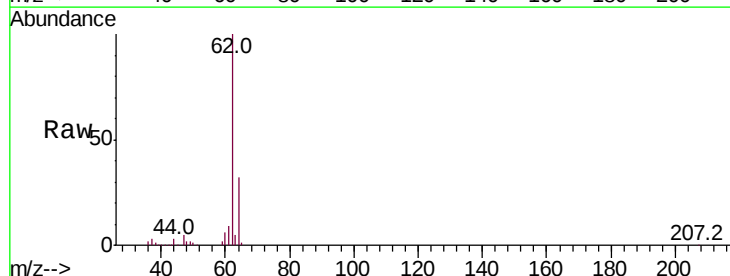
Instrument :
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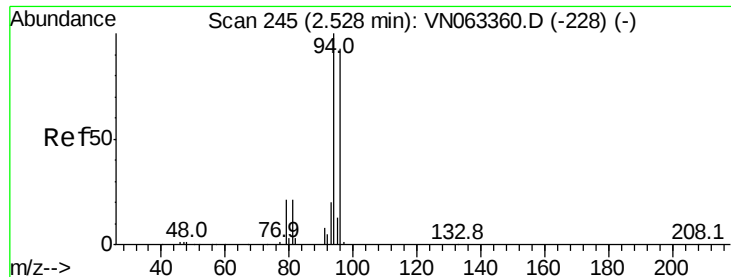
Tot Ion: 50 Resp: 160342
Ion Ratio Lower Upper
50 100
52 33.1 25.9 38.9



#4
Vinyl Chloride
Concen: 49.752 ug/l
RT: 2.16 min Scan# 132
Delta R.T. -0.00 min
Lab File: VN063553.D
Acq: 22 Sep 2020 23:41

Tgt Ion: 62 Resp: 164100
Ion Ratio Lower Upper
62 100
64 31.6 25.1 37.7





#5

Bromomethane

Concen: 52.346 ug/l

RT: 2.53 min Scan# 245

Delta R.T. -0.00 min

Lab File: VN063553.D

Acq: 22 Sep 2020 23:41

Instrument :

MSVOA_N

ClientSampleId :

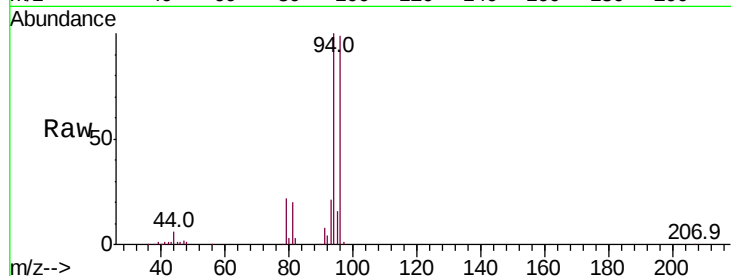
VSTDCCC050

Tot Ion: 94 Resp: 102514

Ion Ratio Lower Upper

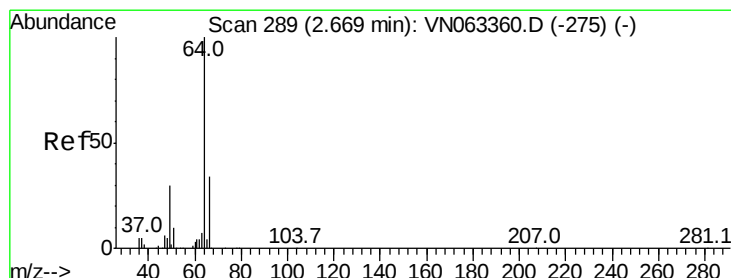
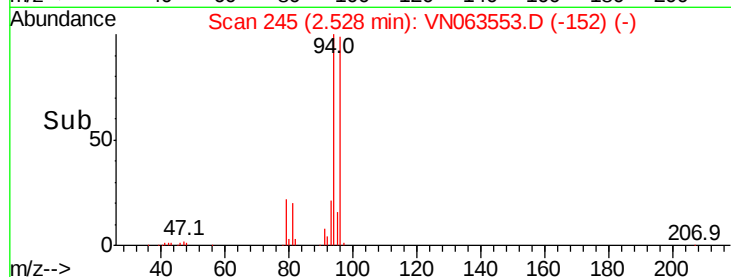
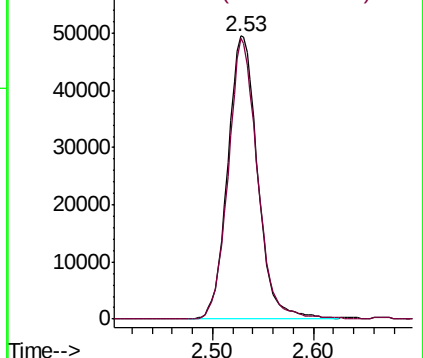
94 100

96 99.1 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 49.754 ug/l

RT: 2.67 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN063553.D

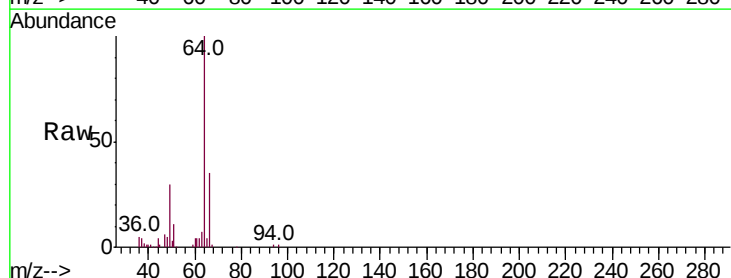
Acq: 22 Sep 2020 23:41

Tgt Ion: 64 Resp: 100737

Ion Ratio Lower Upper

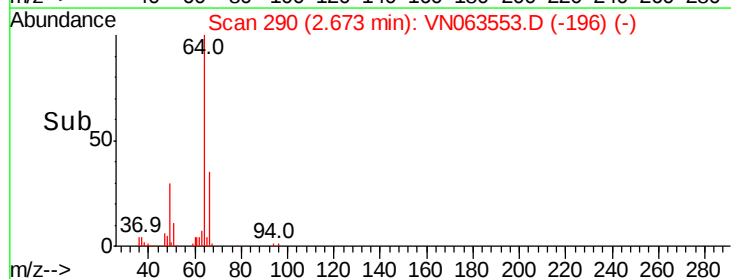
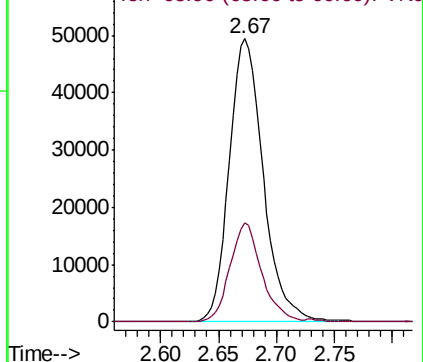
64 100

66 35.0 26.9 40.3



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



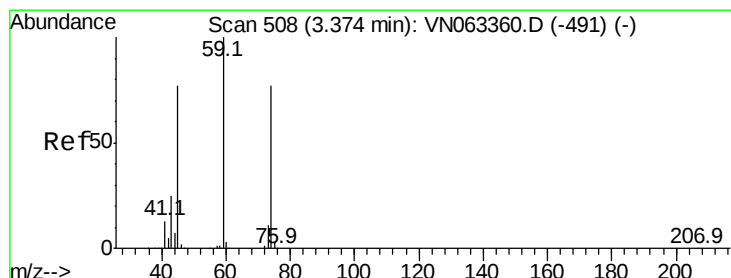
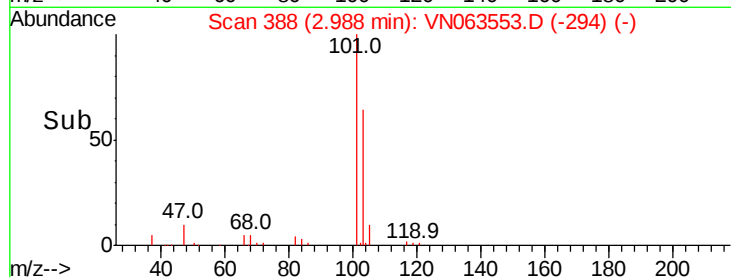
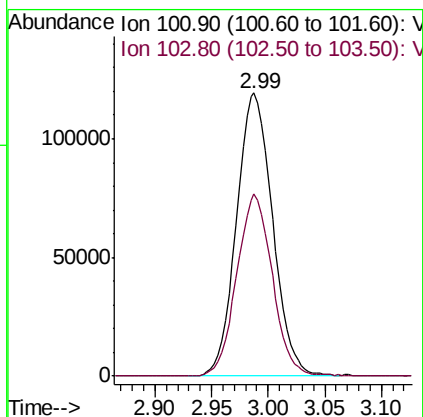
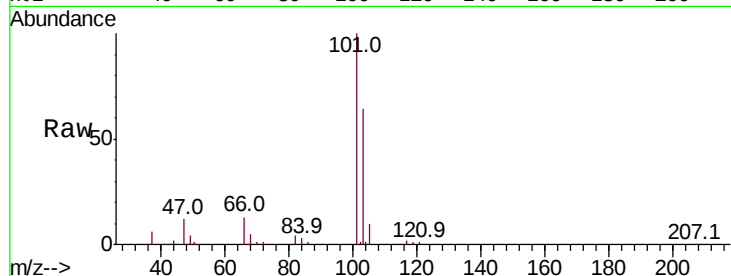


#7

Trichlorofluoromethane
 Concen: 54.023 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VN063553.D
 Acq: 22 Sep 2020 23:41

Instrument :
 MSVOA_N
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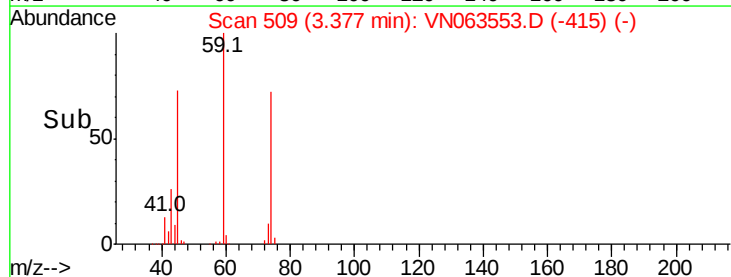
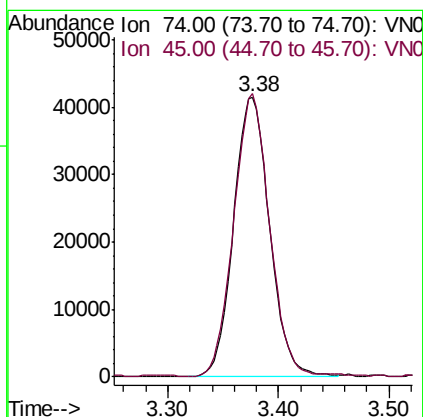
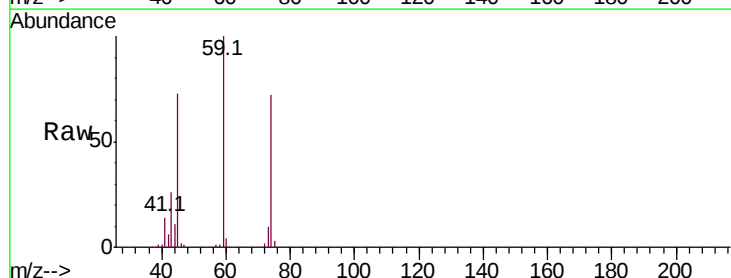
Tot Ion:101 Resp: 265855
 Ion Ratio Lower Upper
 101 100
 103 64.3 52.3 78.5

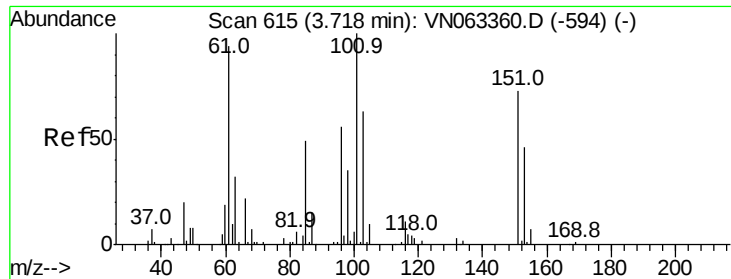


#8

Diethyl Ether
 Concen: 49.070 ug/l
 RT: 3.38 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VN063553.D
 Acq: 22 Sep 2020 23:41

Tgt Ion: 74 Resp: 94137
 Ion Ratio Lower Upper
 74 100
 45 100.7 52.1 156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.025 ug/l

RT: 3.72 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN063553.D

Acq: 22 Sep 2020 23:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

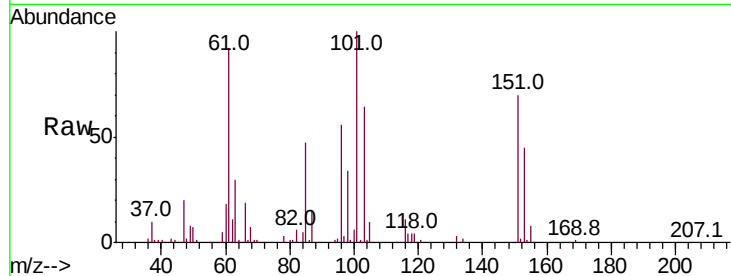
Tot Ion:101 Resp: 138447

Ion Ratio Lower Upper

101 100

85 47.9 37.7 56.5

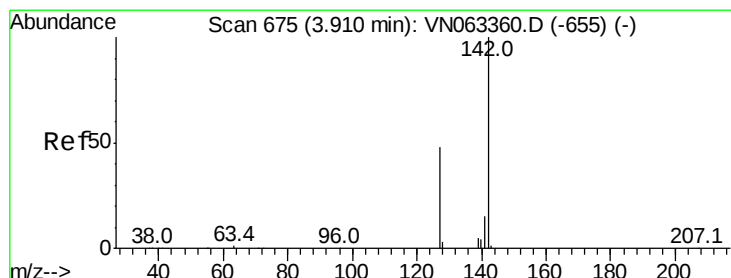
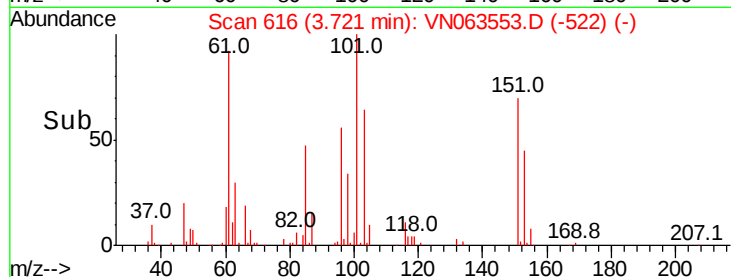
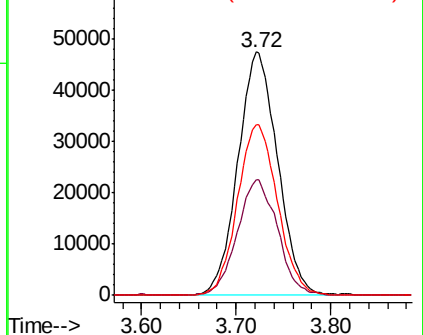
151 70.5 57.7 86.5



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: 49.500 ug/l

RT: 3.91 min Scan# 676

Delta R.T. 0.00 min

Lab File: VN063553.D

Acq: 22 Sep 2020 23:41

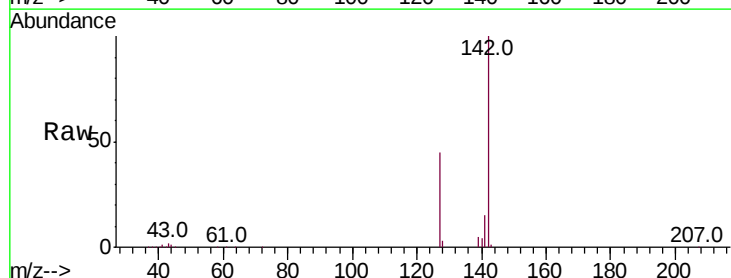
Tgt Ion:142 Resp: 178359

Ion Ratio Lower Upper

142 100

127 47.8 39.0 58.6

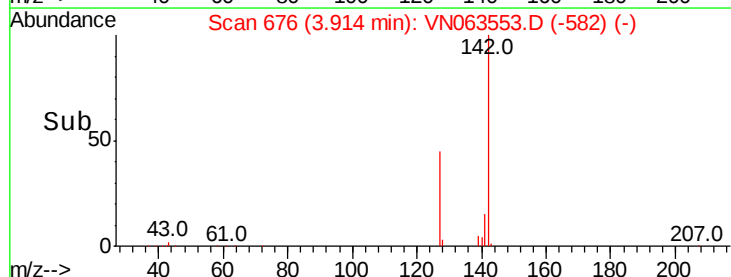
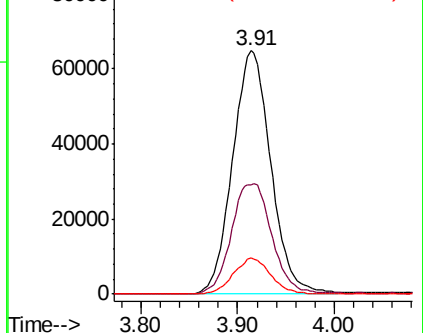
141 14.4 11.6 17.4

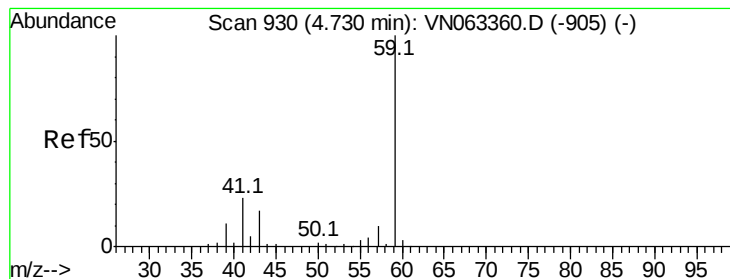


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



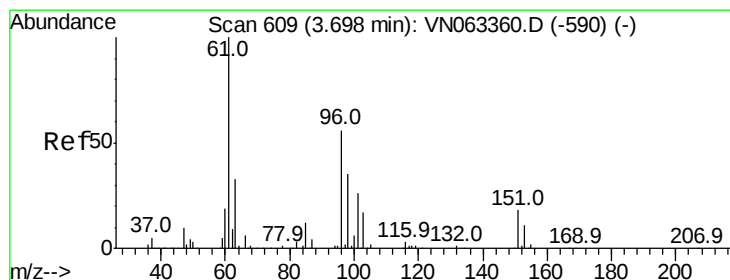
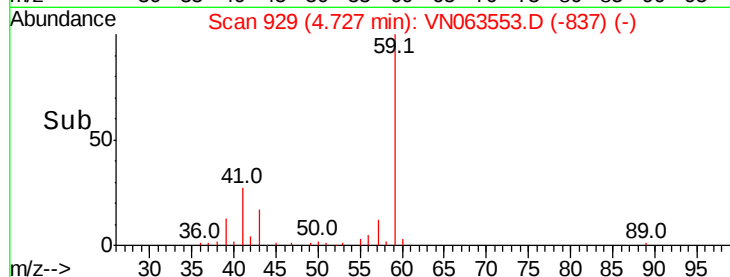
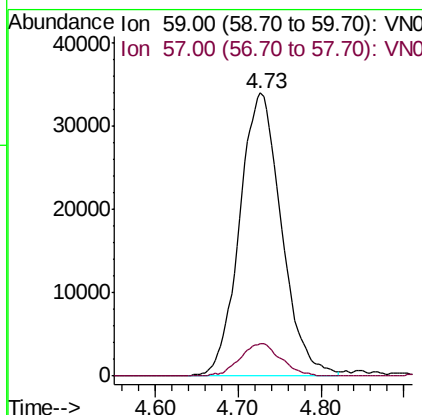
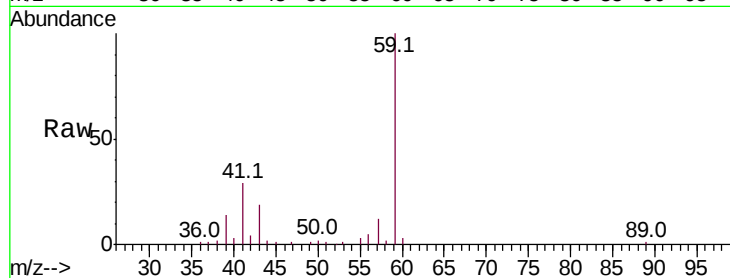


#11

Tert butyl alcohol
 Concen: 204.191 ug/l
 RT: 4.73 min Scan# 929
 Delta R.T. -0.00 min
 Lab File: VN063553.D
 Acq: 22 Sep 2020 23:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

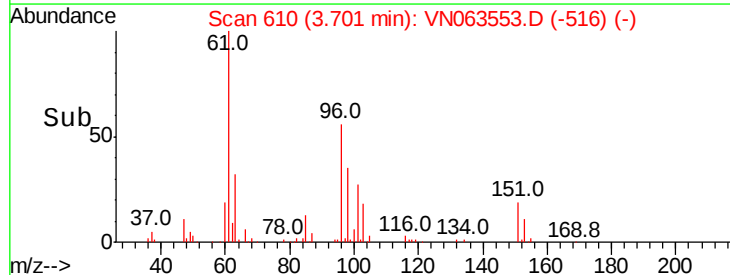
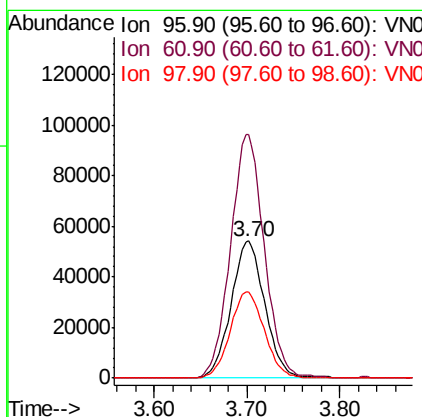
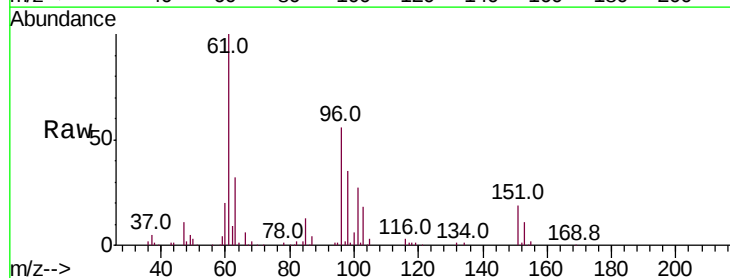
Tot Ion: 59 Resp: 119614
 Ion Ratio Lower Upper
 59 100
 57 11.2 8.4 12.6

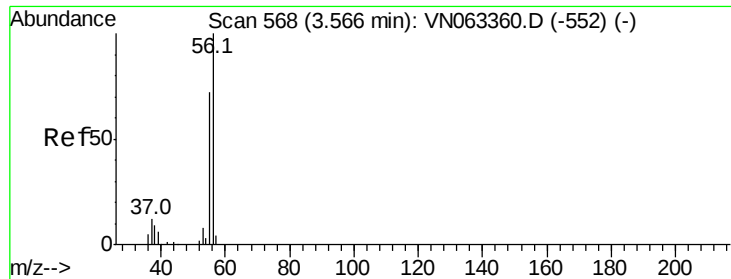


#12

1,1-Dichloroethene
 Concen: 48.967 ug/l
 RT: 3.70 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: VN063553.D
 Acq: 22 Sep 2020 23:41

Tgt Ion: 96 Resp: 137263
 Ion Ratio Lower Upper
 96 100
 61 177.6 143.4 215.2
 98 62.9 50.6 76.0





#13

Acrolein

Concen: 255.939 ug/l

RT: 3.57 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN063553.D

Acq: 22 Sep 2020 23:41

Instrument :

MSVOA_N

ClientSampleId :

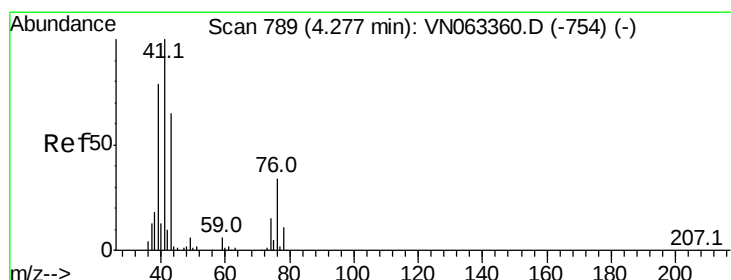
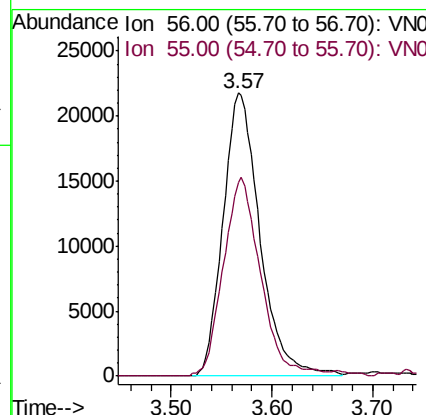
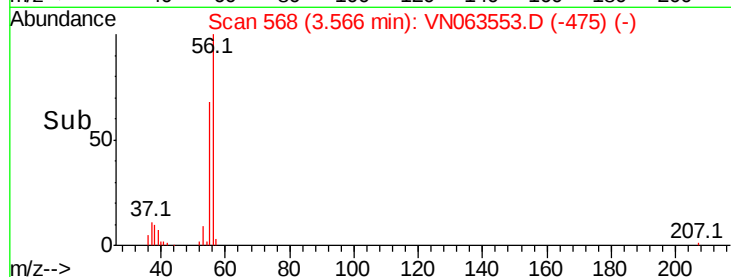
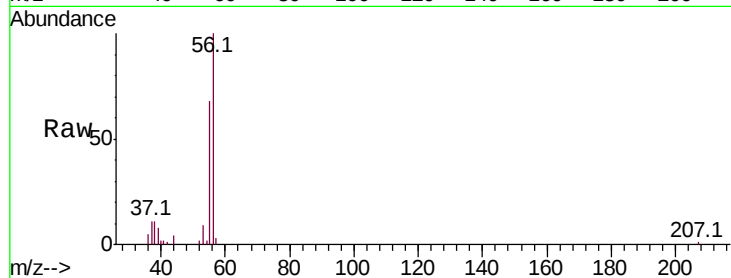
VSTDCCC050

Tot Ion: 56 Resp: 55561

Ion Ratio Lower Upper

56 100

55 69.6 58.2 87.2



#14

Allyl chloride

Concen: 45.688 ug/l

RT: 4.28 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN063553.D

Acq: 22 Sep 2020 23:41

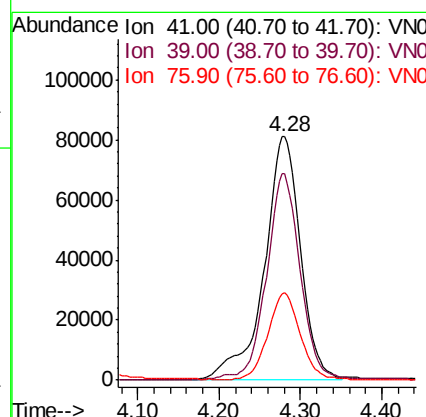
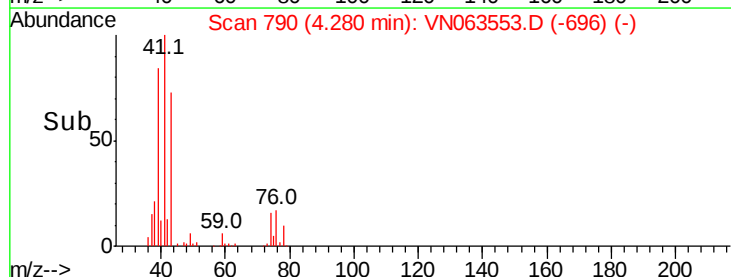
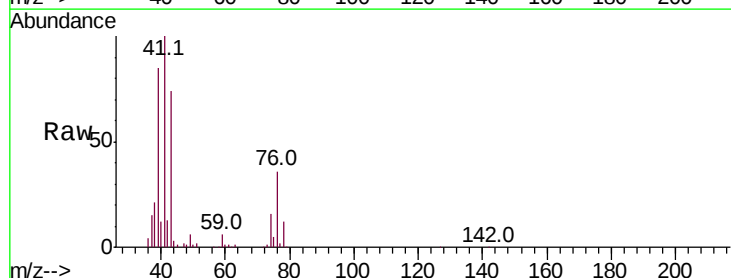
Tgt Ion: 41 Resp: 253331

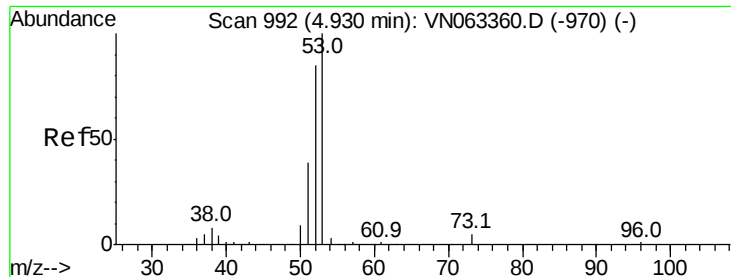
Ion Ratio Lower Upper

41 100

39 76.2 59.3 88.9

76 32.0 25.3 37.9





#15

Acrylonitrile

Concen: 245.412 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN063553.D

Acq: 22 Sep 2020 23:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

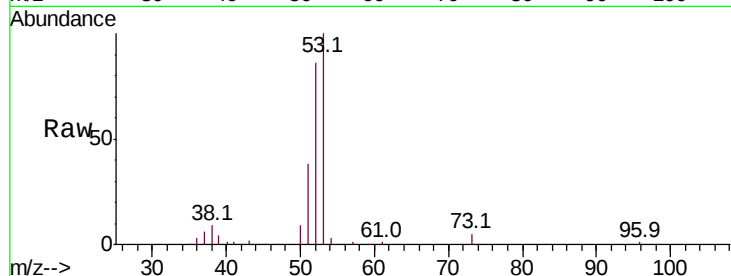
Tot Ion: 53 Resp: 365679

Ion Ratio Lower Upper

53 100

52 83.5 66.4 99.6

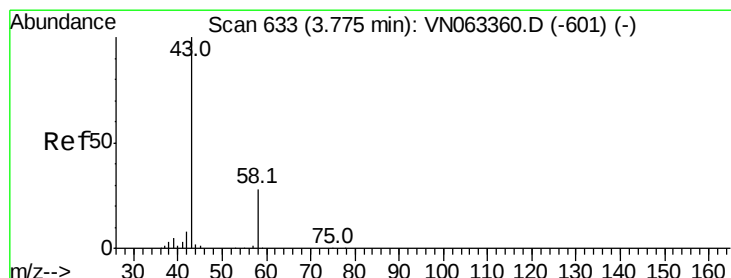
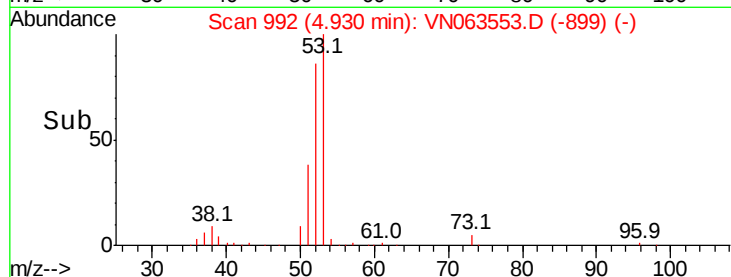
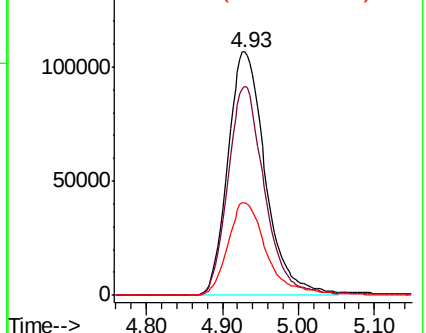
51 39.2 30.2 45.4



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 241.176 ug/l

RT: 3.77 min Scan# 632

Delta R.T. -0.00 min

Lab File: VN063553.D

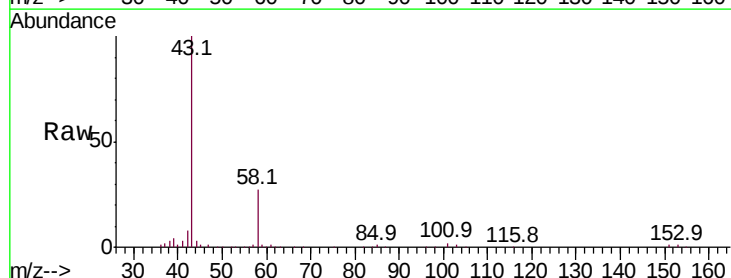
Acq: 22 Sep 2020 23:41

Tgt Ion: 43 Resp: 327749

Ion Ratio Lower Upper

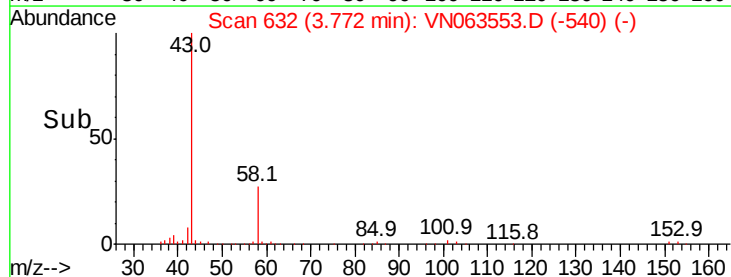
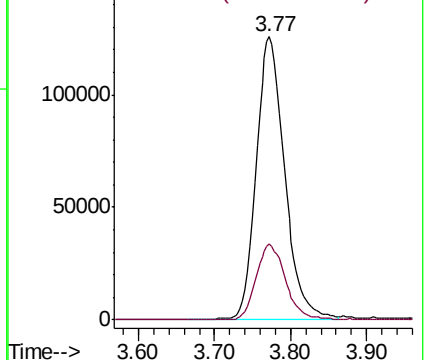
43 100

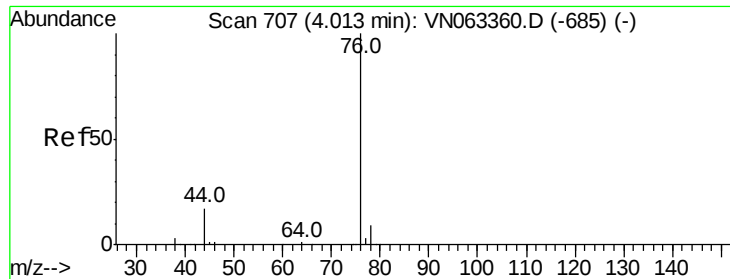
58 26.8 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

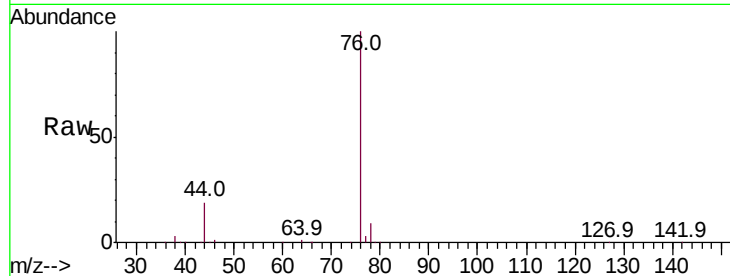




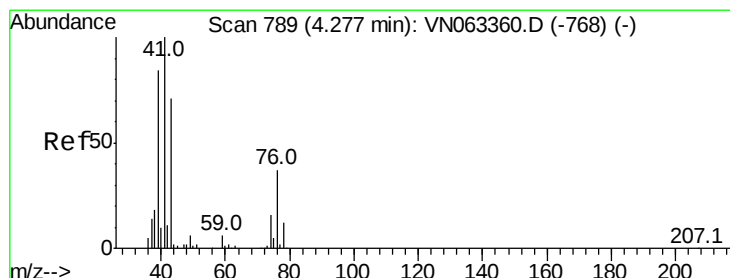
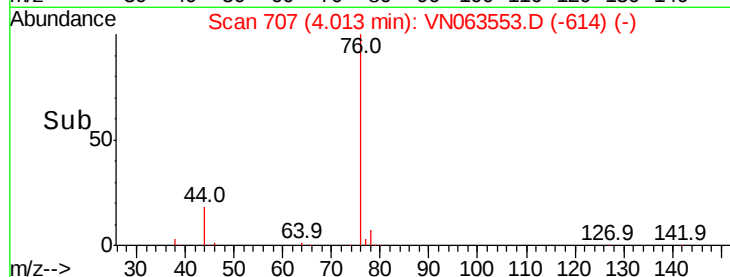
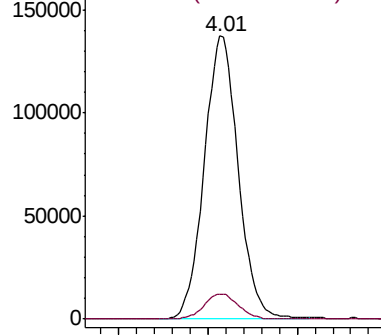
#17
Carbon Disulfide
Concen: 44.479 ug/l
RT: 4.01 min Scan# 707
Delta R.T. -0.00 min
Lab File: VN063553.D
Acq: 22 Sep 2020 23:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 76 Resp: 362675
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8

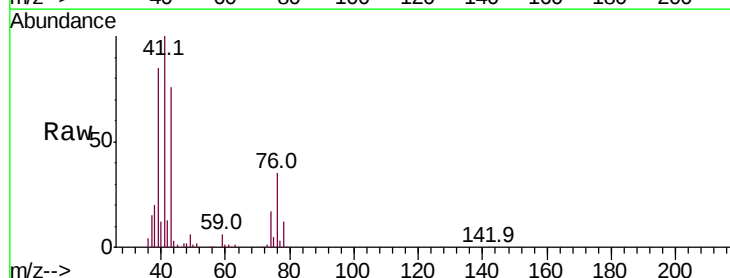


Abundance Ion 75.90 (75.60 to 76.60): VN0
Ion 77.90 (77.60 to 78.60): VN0

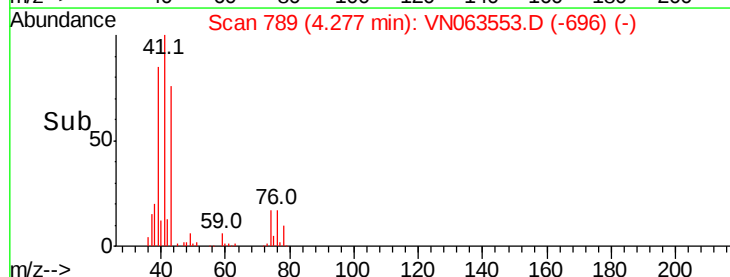
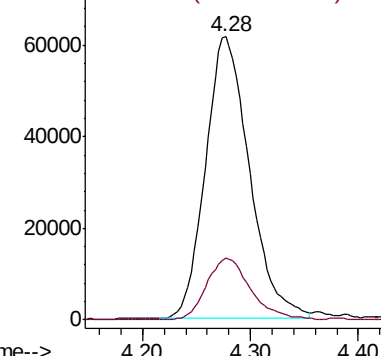


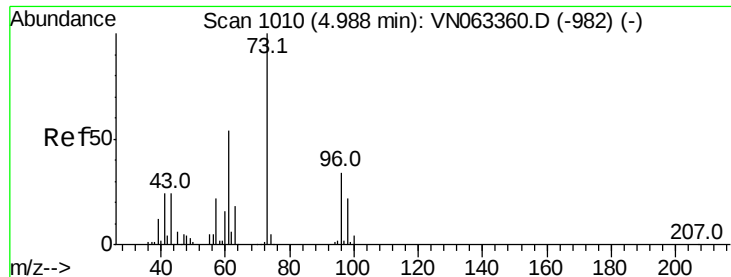
#18
Methyl Acetate
Concen: 50.572 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN063553.D
Acq: 22 Sep 2020 23:41

Tgt Ion: 43 Resp: 174467
Ion Ratio Lower Upper
43 100
74 22.1 17.4 26.2



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 74.00 (73.70 to 74.70): VN0

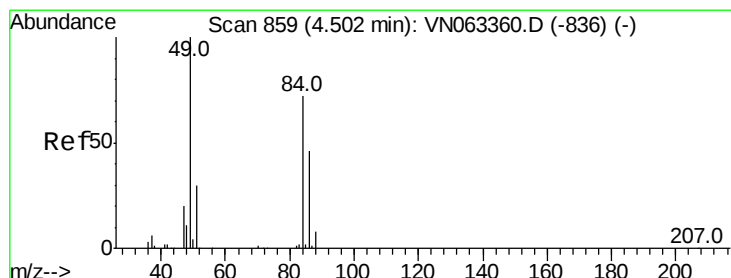
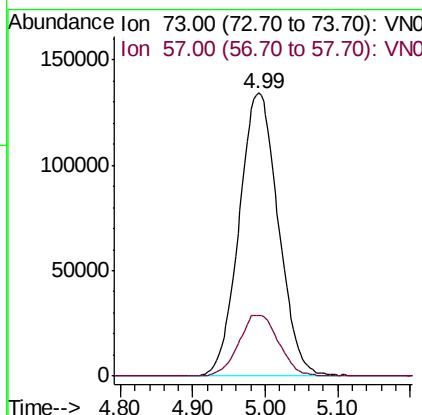
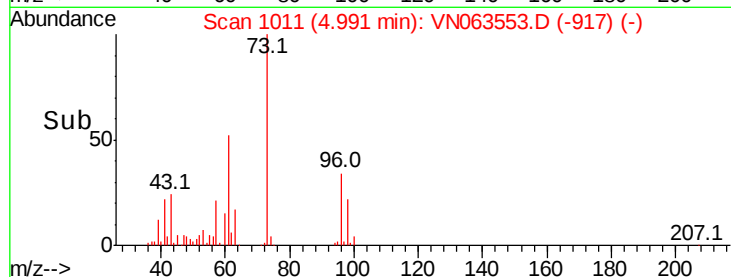
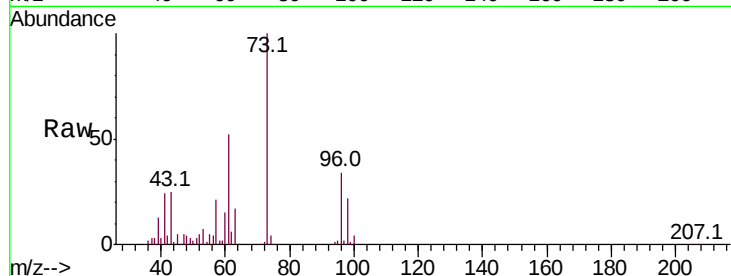




#19
Methvl tert-butvl Ether
Concen: 48.243 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN063553.D
Acq: 22 Sep 2020 23:41

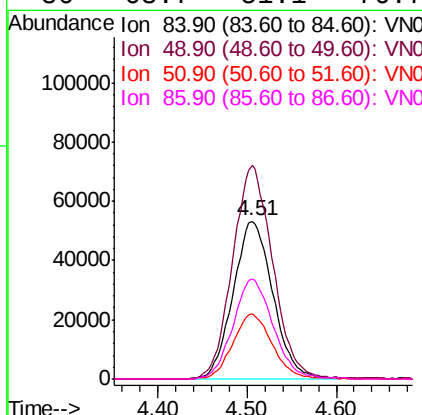
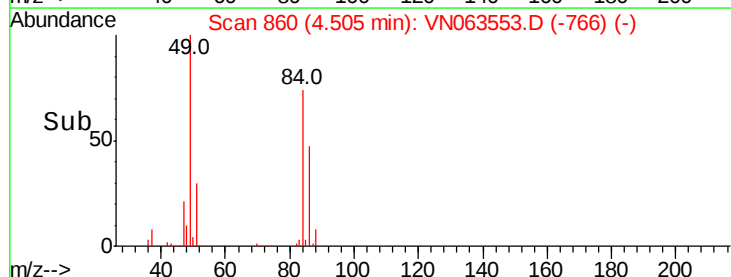
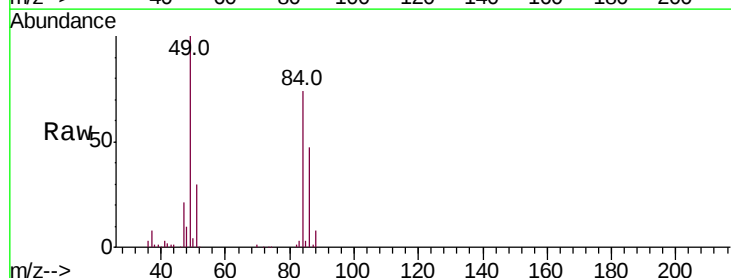
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

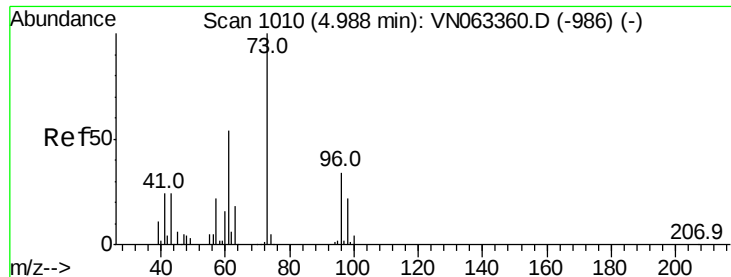
Tot Ion: 73 Resp: 504029
Ion Ratio Lower Upper
73 100
57 21.4 17.9 26.9



#20
Methylene Chloride
Concen: 47.787 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN063553.D
Acq: 22 Sep 2020 23:41

Tgt Ion: 84 Resp: 164534
Ion Ratio Lower Upper
84 100
49 135.6 110.7 166.1
51 41.2 32.9 49.3
86 63.7 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 47.847 ug/l

RT: 4.99 min Scan# 1012

Delta R.T. 0.01 min

Lab File: VN063553.D

Acq: 22 Sep 2020 23:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

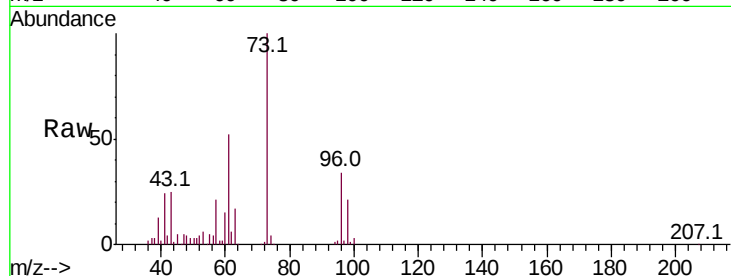
Tot Ion: 96 Resp: 148600

Ion Ratio Lower Upper

96 100

61 150.0 126.2 189.4

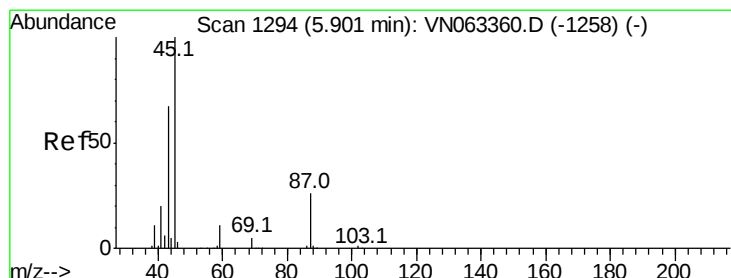
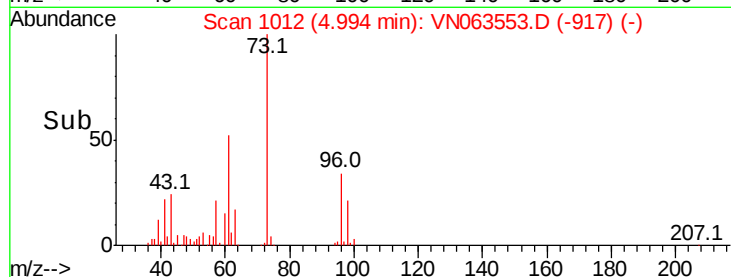
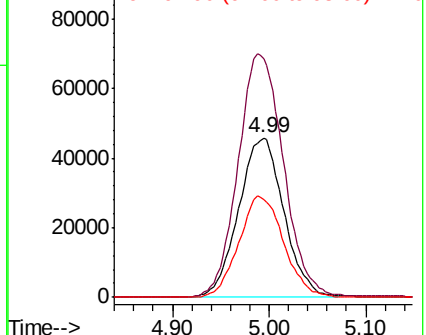
98 61.4 51.0 76.4



Abundance Ion 95.90 (95.60 to 96.60): VN063360.D (-986) (-)

Ion 60.90 (60.60 to 61.60): VN063360.D (-986) (-)

Ion 97.90 (97.60 to 98.60): VN063360.D (-986) (-)



#22

Diisopropyl ether

Concen: 48.601 ug/l

RT: 5.90 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VN063553.D

Acq: 22 Sep 2020 23:41

Tgt Ion: 45 Resp: 549605

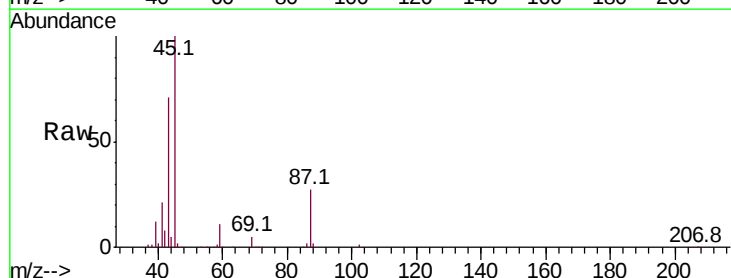
Ion Ratio Lower Upper

45 100

43 69.8 53.5 80.3

87 26.7 21.2 31.8

59 11.0 8.8 13.2

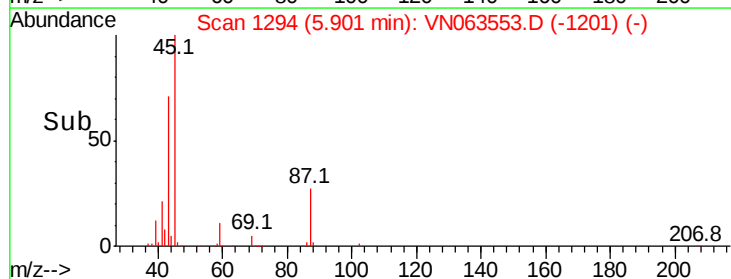
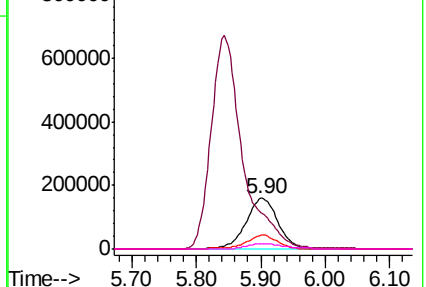


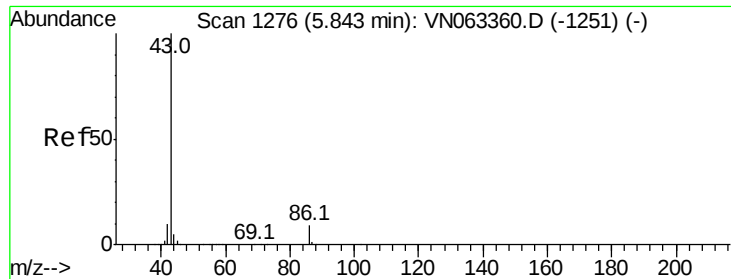
Abundance Ion 45.00 (44.70 to 45.70): VN063360.D (-1258) (-)

Ion 43.00 (42.70 to 43.70): VN063360.D (-1258) (-)

Ion 87.00 (86.70 to 87.70): VN063360.D (-1258) (-)

Ion 59.00 (58.70 to 59.70): VN063360.D (-1258) (-)

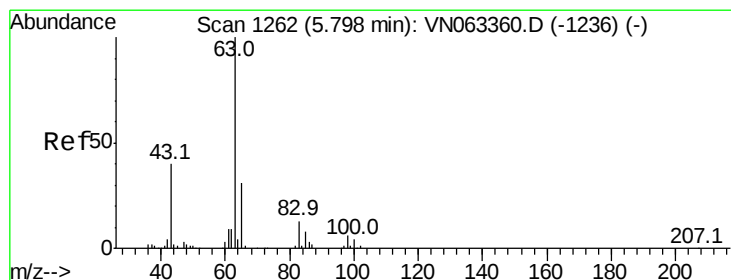
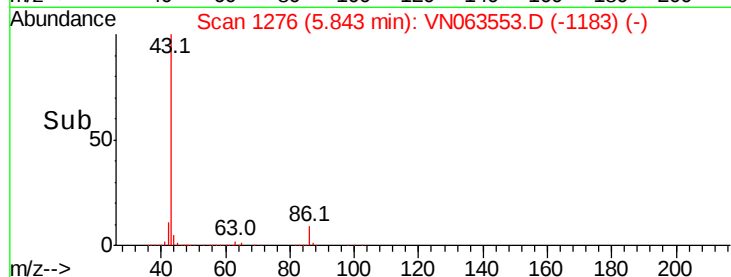
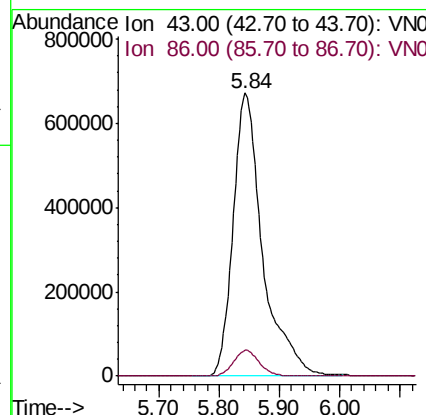
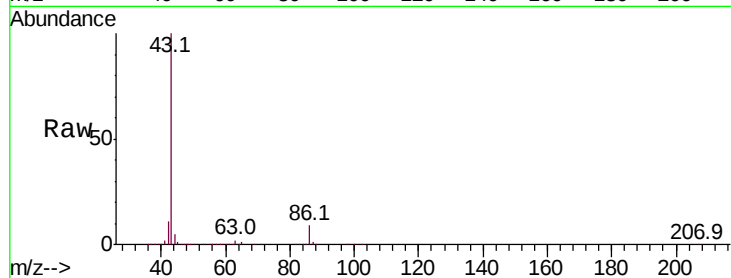




#23
 Vinyl Acetate
 Concen: 247.271 ug/l
 RT: 5.84 min Scan# 1276
 Delta R.T. -0.00 min
 Lab File: VN063553.D
 Acq: 22 Sep 2020 23:41

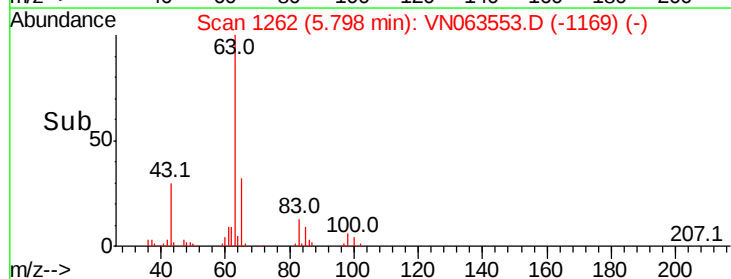
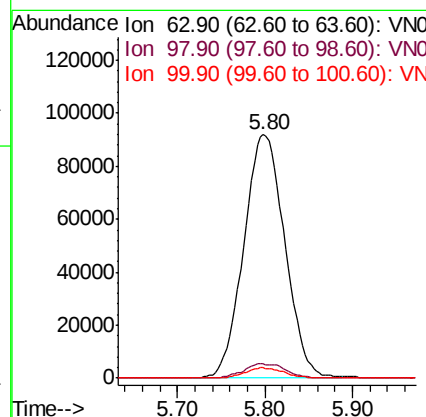
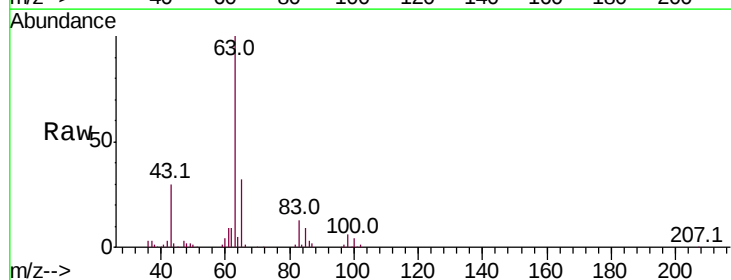
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

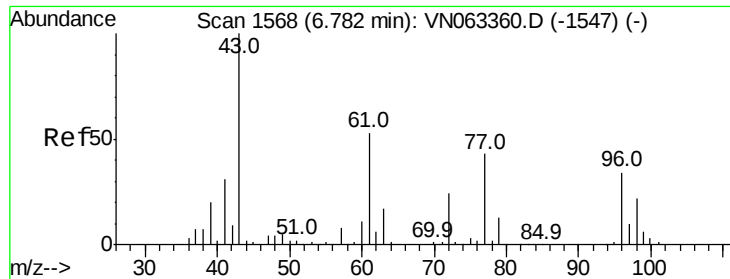
Tot Ion: 43 Resp: 2296481
 Ion Ratio Lower Upper
 43 100
 86 9.1 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 48.506 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. -0.00 min
 Lab File: VN063553.D
 Acq: 22 Sep 2020 23:41

Tgt Ion: 63 Resp: 299474
 Ion Ratio Lower Upper
 63 100
 98 5.8 2.9 8.8
 100 4.1 2.1 6.3

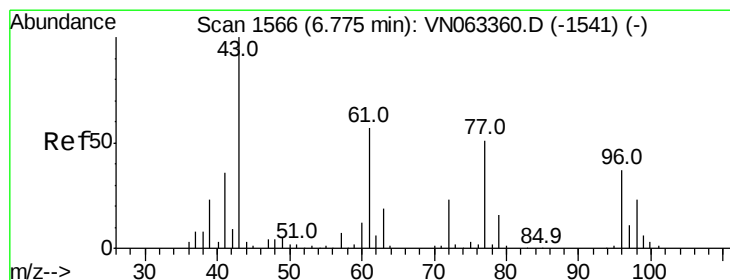
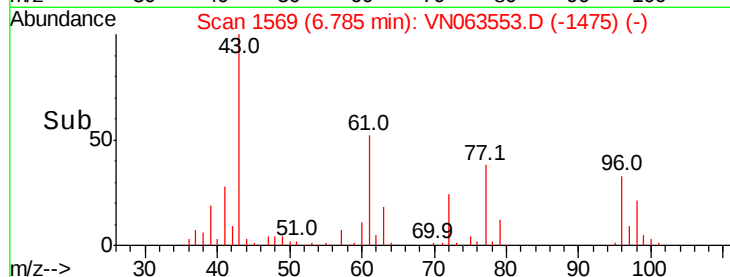
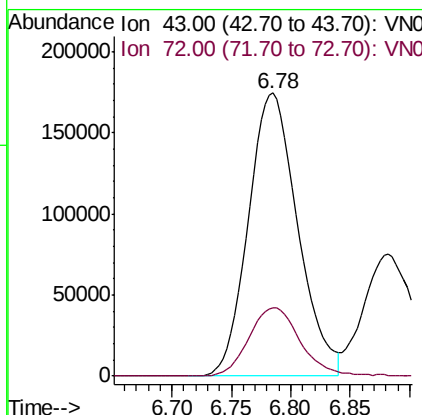
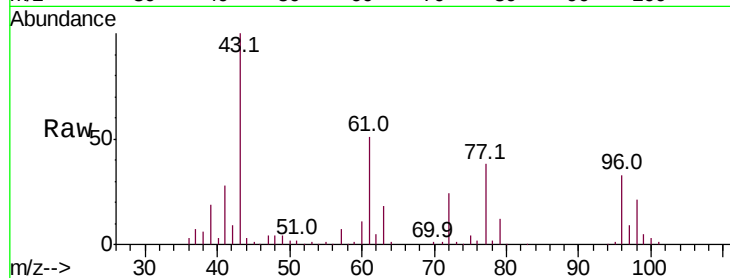




#25
2-Butanone
Concen: 239.003 ug/l
RT: 6.78 min Scan# 1569
Delta R.T. 0.00 min
Lab File: VN063553.D
Acq: 22 Sep 2020 23:41

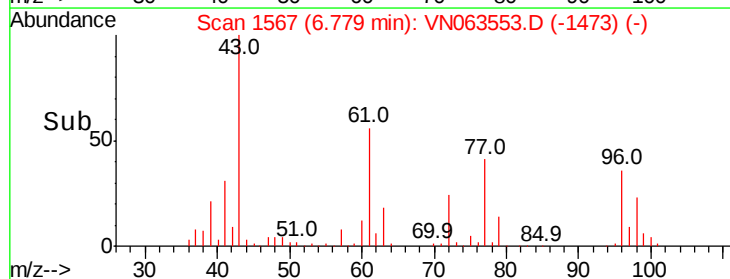
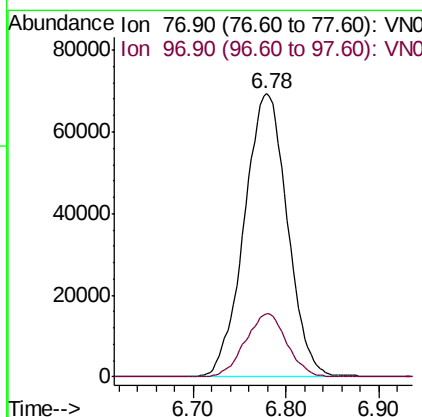
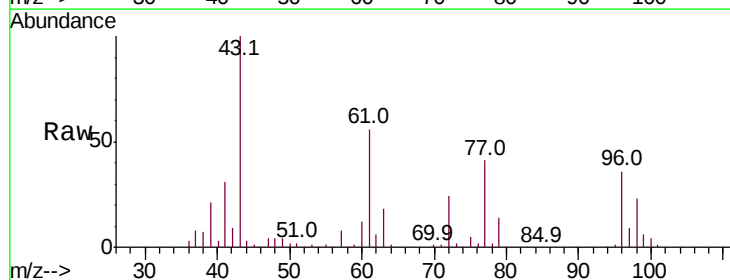
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

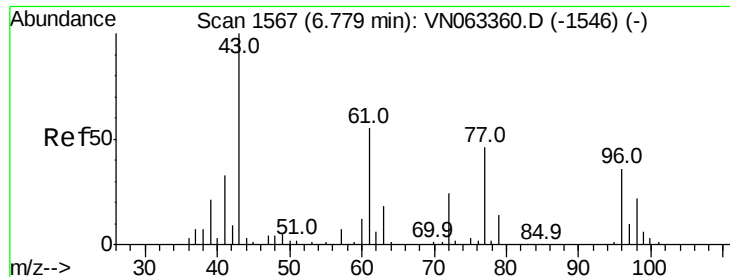
Tot Ion: 43 Resp: 499529
Ion Ratio Lower Upper
43 100
72 24.2 19.2 28.8



#26
2,2-Dichloropropane
Concen: 41.233 ug/l
RT: 6.78 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VN063553.D
Acq: 22 Sep 2020 23:41

Tgt Ion: 77 Resp: 224135
Ion Ratio Lower Upper
77 100
97 21.6 10.5 31.6

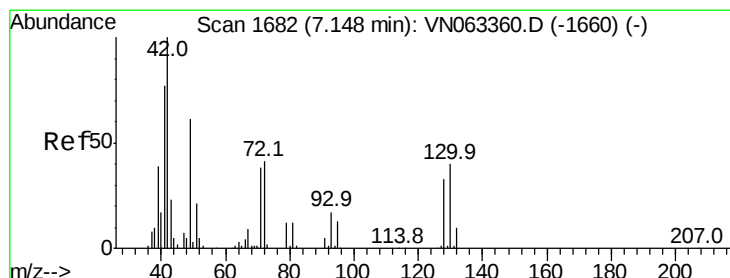
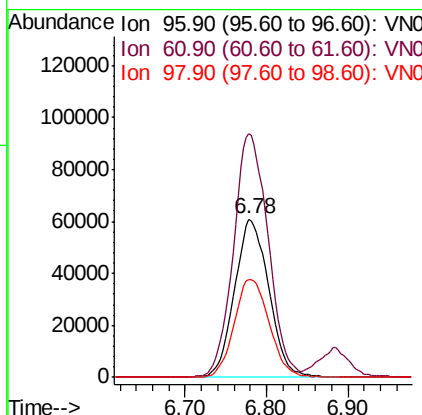
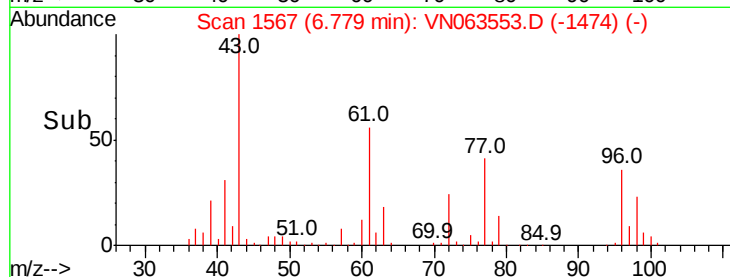
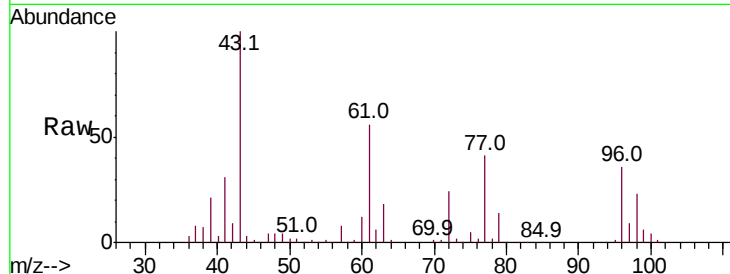




#27
 cis-1,2-Dichloroethene
 Concen: 50.622 ug/l
 RT: 6.78 min Scan# 1567
 Delta R.T. -0.00 min
 Lab File: VN063553.D
 Acq: 22 Sep 2020 23:41

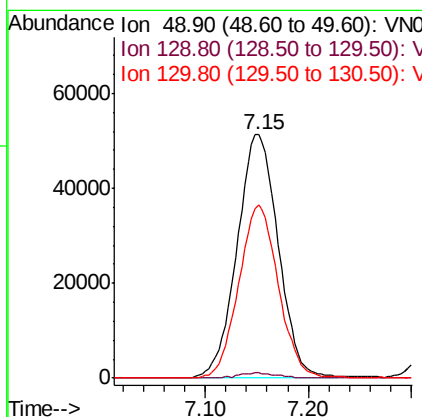
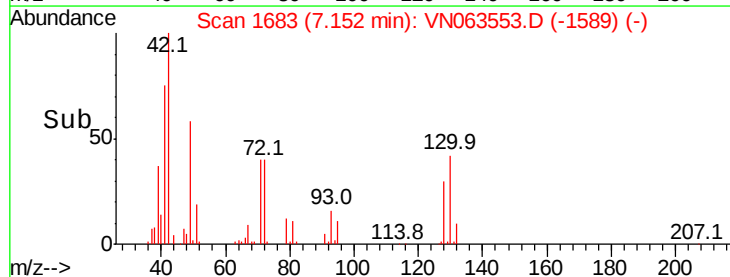
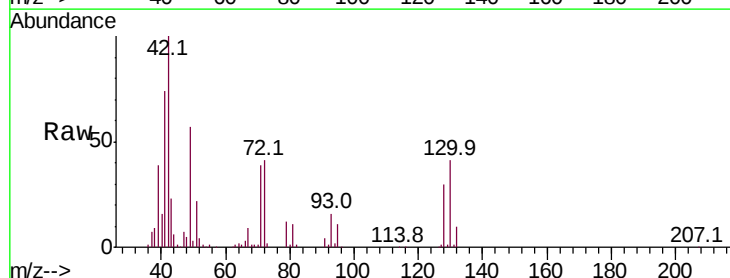
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

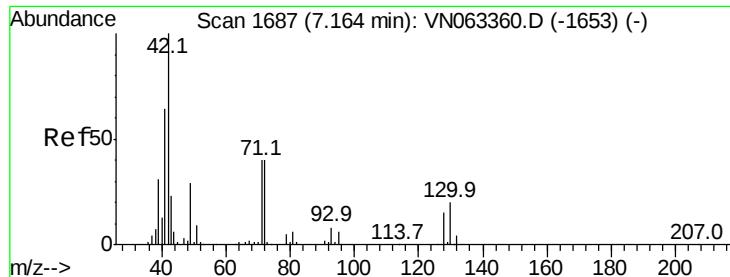
Tot Ion: 96 Resp: 177949
 Ion Ratio Lower Upper
 96 100
 61 155.3 0.0 319.6
 98 63.0 0.0 127.8



#28
 Bromochloromethane
 Concen: 49.997 ug/l
 RT: 7.15 min Scan# 1683
 Delta R.T. 0.00 min
 Lab File: VN063553.D
 Acq: 22 Sep 2020 23:41

Tgt Ion: 49 Resp: 142524
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.8
 130 68.4 52.2 78.2





#29

Tetrahydrofuran

Concen: 235.789 ug/l

RT: 7.16 min Scan# 1687

Delta R.T. -0.00 min

Lab File: VN063553.D

Acq: 22 Sep 2020 23:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

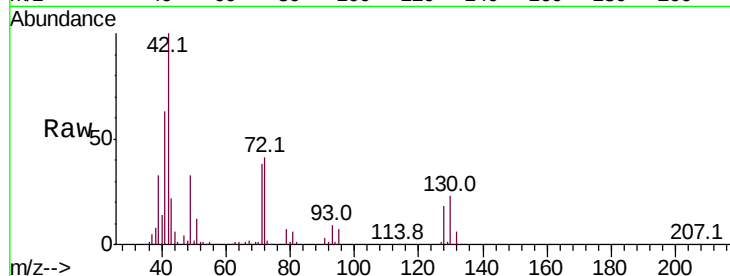
Tot Ion: 42 Resp: 336579

Ion Ratio Lower Upper

42 100

72 39.9 32.1 48.1

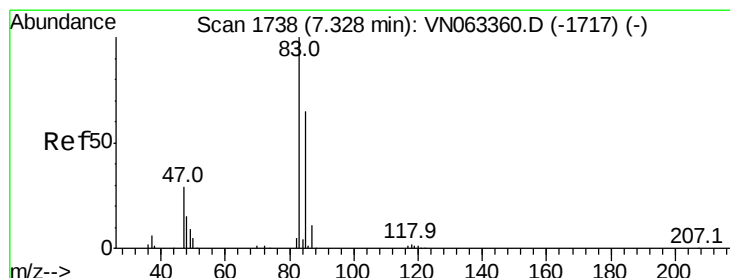
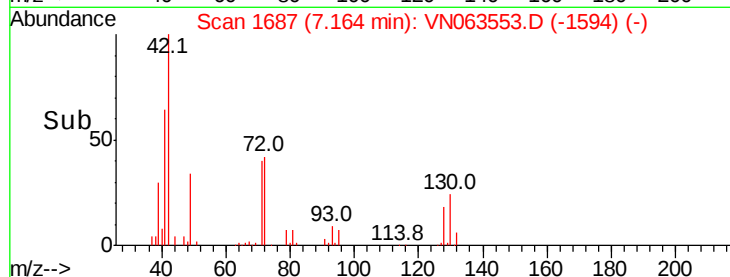
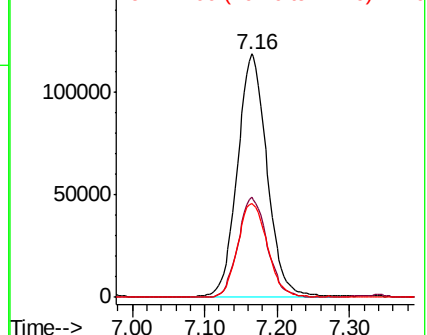
71 38.9 31.2 46.8



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 51.558 ug/l

RT: 7.33 min Scan# 1738

Delta R.T. -0.00 min

Lab File: VN063553.D

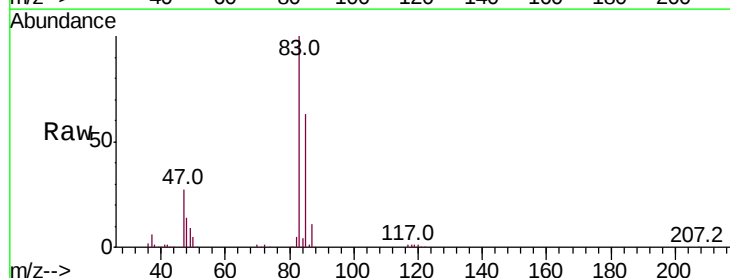
Acq: 22 Sep 2020 23:41

Tgt Ion: 83 Resp: 319364

Ion Ratio Lower Upper

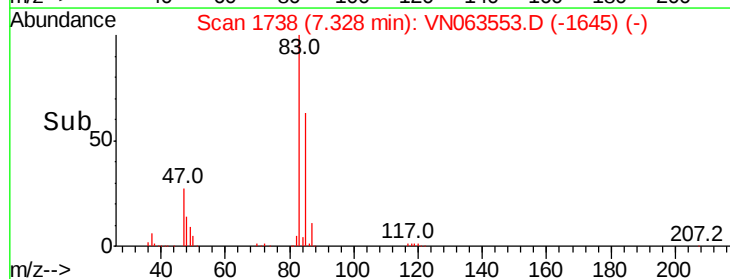
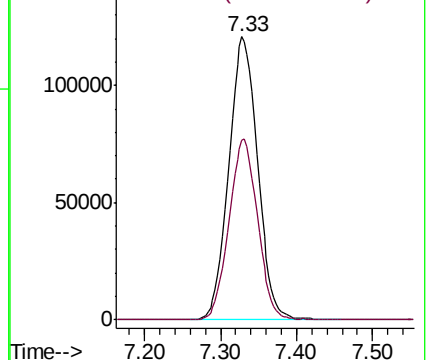
83 100

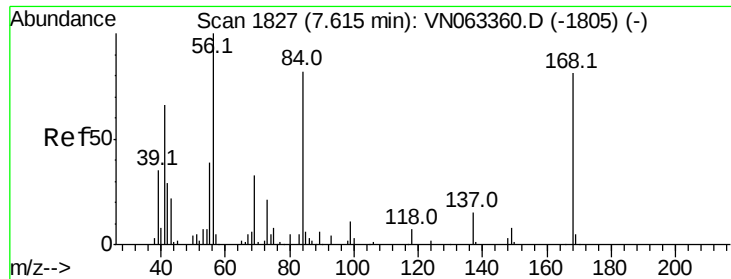
85 63.3 52.1 78.1



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

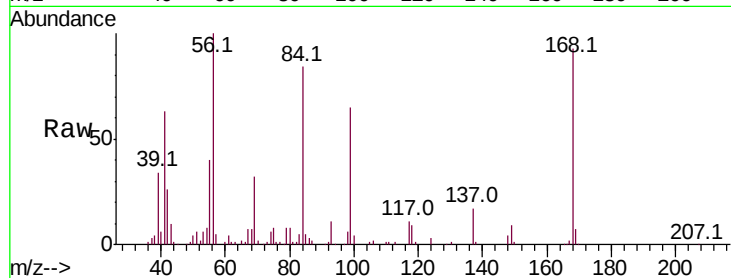




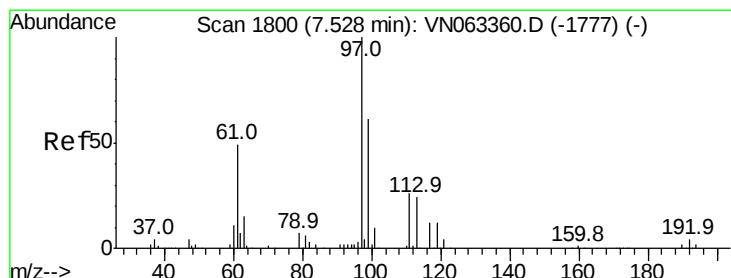
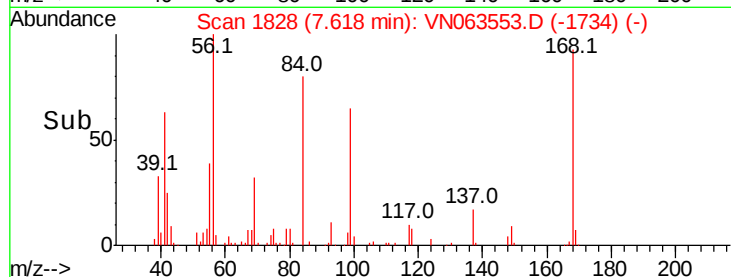
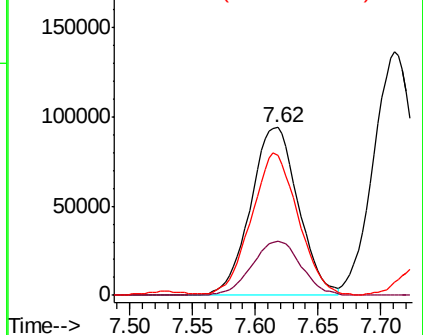
#31
Cyclohexane
Concen: 42.652 ug/l
RT: 7.62 min Scan# 1828
Delta R.T. 0.00 min
Lab File: VN063553.D
Acq: 22 Sep 2020 23:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 56 Resp: 249085
Ion Ratio Lower Upper
56 100
69 32.2 26.1 39.1
84 82.5 65.4 98.2

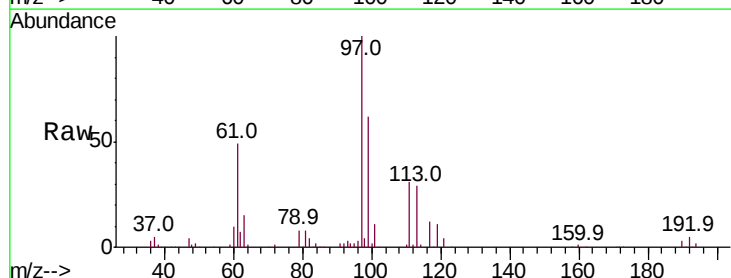


Abundance Ion 56.00 (55.70 to 56.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 84.00 (83.70 to 84.70): VNC

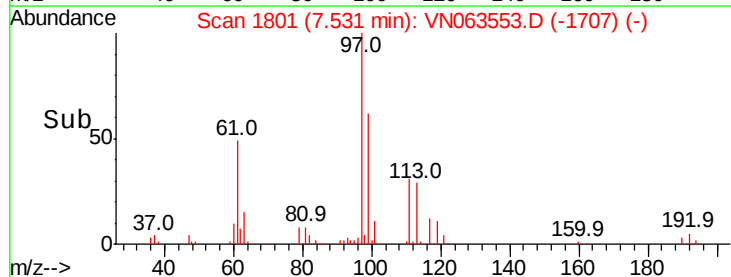
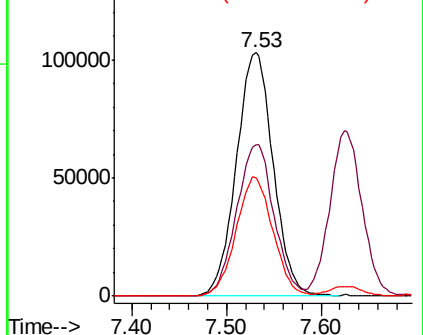


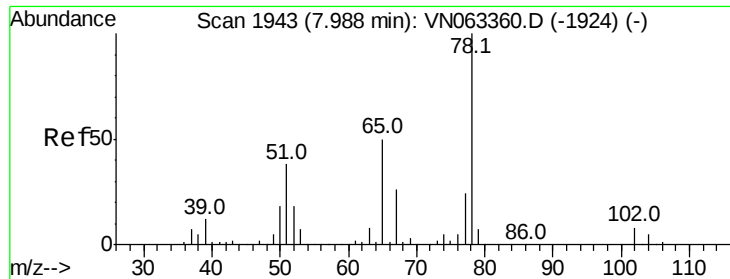
#32
1,1,1-Trichloroethane
Concen: 50.627 ug/l
RT: 7.53 min Scan# 1801
Delta R.T. 0.00 min
Lab File: VN063553.D
Acq: 22 Sep 2020 23:41

Tgt Ion: 97 Resp: 278922
Ion Ratio Lower Upper
97 100
99 63.1 50.6 76.0
61 48.9 39.2 58.8



Abundance Ion 96.90 (96.60 to 97.60): VNC
Ion 98.90 (98.60 to 99.60): VNC
Ion 60.90 (60.60 to 61.60): VNC





#33

1,2-Dichloroethane-d4

Concen: 51.153 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN063553.D

Acq: 22 Sep 2020 23:41

Instrument :

MSVOA_N

ClientSampleId :

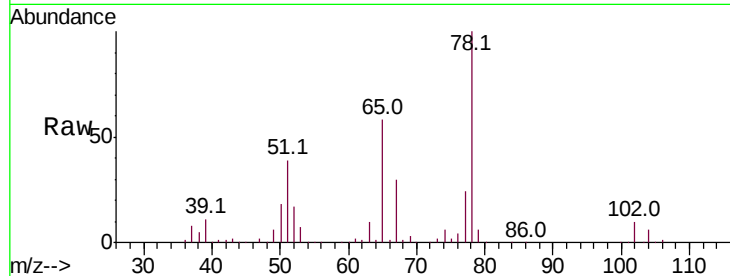
VSTDCCC050

Tot Ion: 65 Resp: 216299

Ion Ratio Lower Upper

65 100

67 51.6 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VN063360.D (-1924) (-)

Ion 66.90 (66.60 to 67.60): VN063360.D (-1924) (-)

7.99

100000

80000

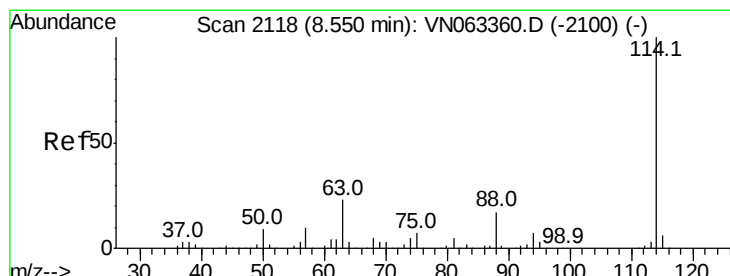
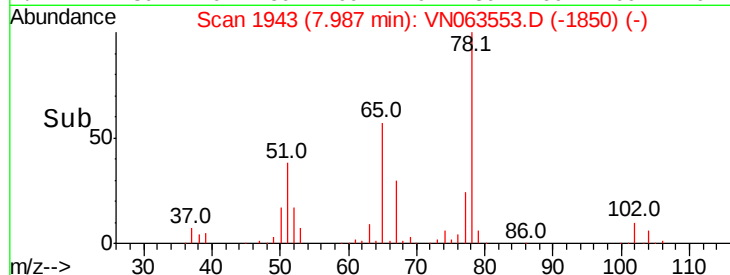
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN063553.D

Acq: 22 Sep 2020 23:41

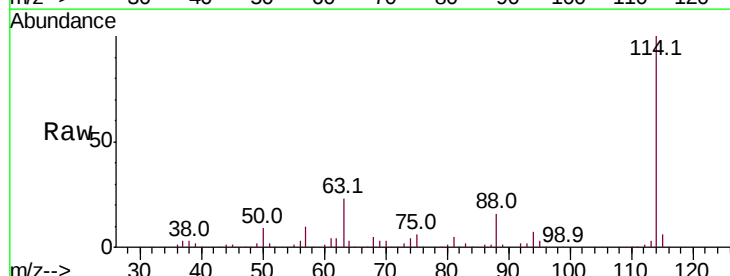
Tgt Ion:114 Resp: 432614

Ion Ratio Lower Upper

114 100

63 22.8 0.0 46.4

88 16.4 0.0 33.2



Abundance Ion 113.90 (113.60 to 114.60): VN063360.D (-2100) (-)

Ion 63.00 (62.70 to 63.70): VN063360.D (-2100) (-)

Ion 87.90 (87.60 to 88.60): VN063360.D (-2100) (-)

8.55

250000

200000

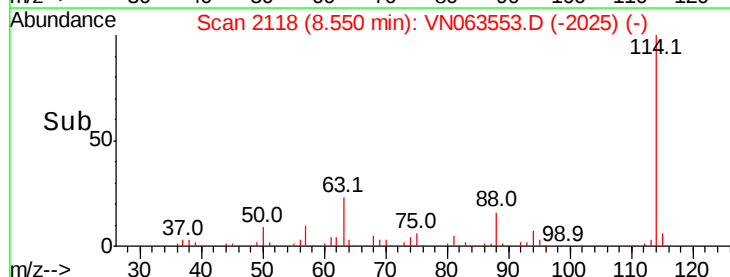
150000

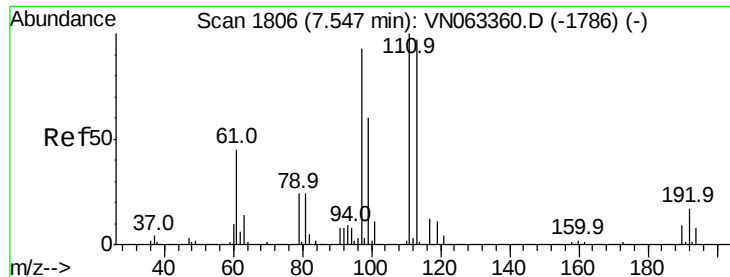
100000

50000

0

Time-->

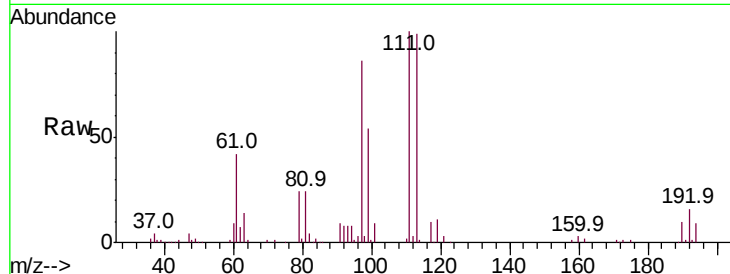




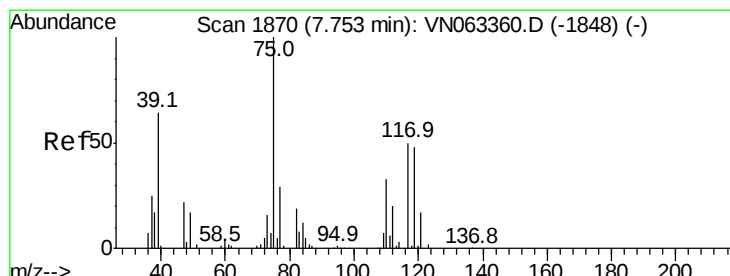
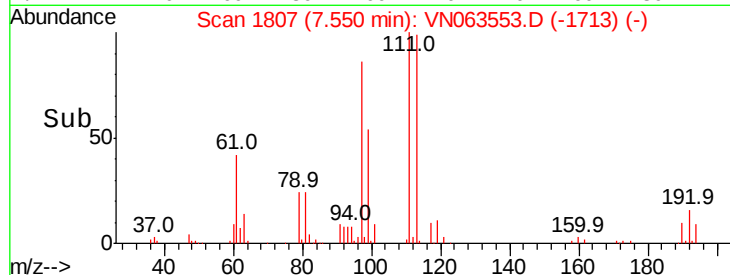
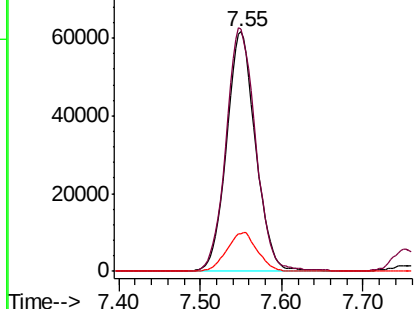
#35
 Dibromofluoromethane
 Concen: 51.300 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063553.D
 Acq: 22 Sep 2020 23:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:113 Resp: 153637
 Ion Ratio Lower Upper
 113 100
 111 103.6 82.9 124.3
 192 17.0 13.9 20.9

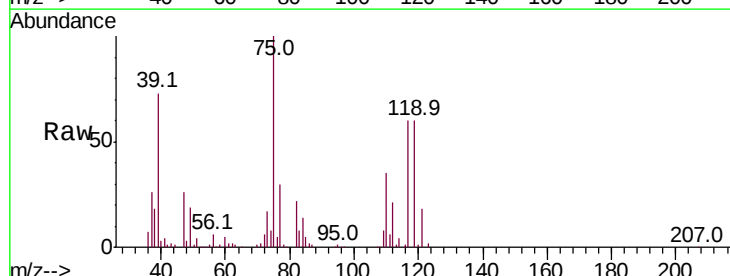


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

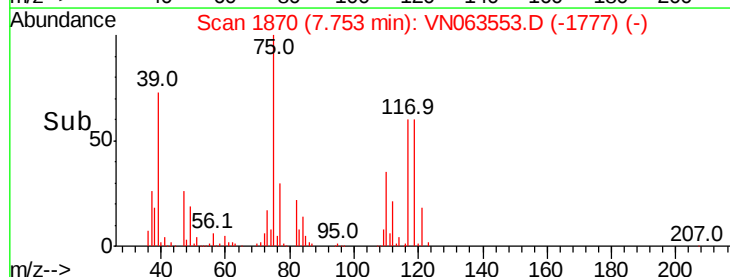
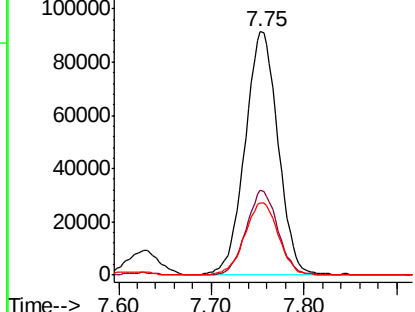


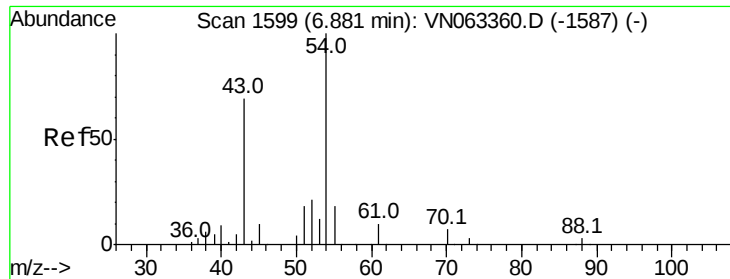
#36
 1,1-Dichloropropene
 Concen: 48.832 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: VN063553.D
 Acq: 22 Sep 2020 23:41

Tgt Ion: 75 Resp: 225063
 Ion Ratio Lower Upper
 75 100
 110 33.4 16.5 49.5
 77 30.6 24.6 36.8



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

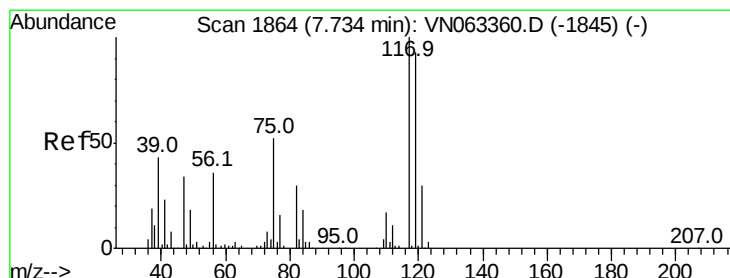
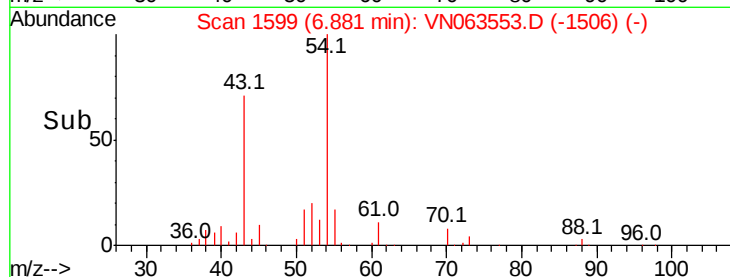
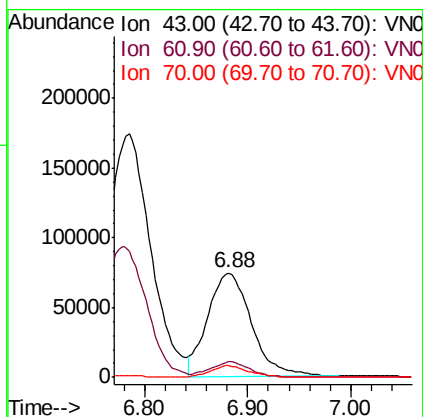
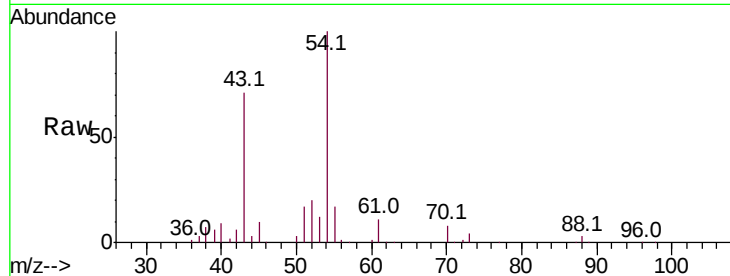




#37
Ethyl Acetate
Concen: 48.313 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VN063553.D
Acq: 22 Sep 2020 23:41

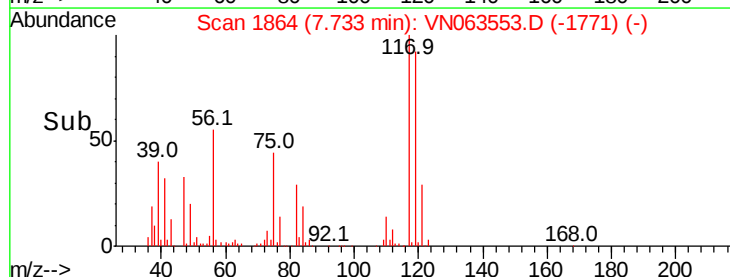
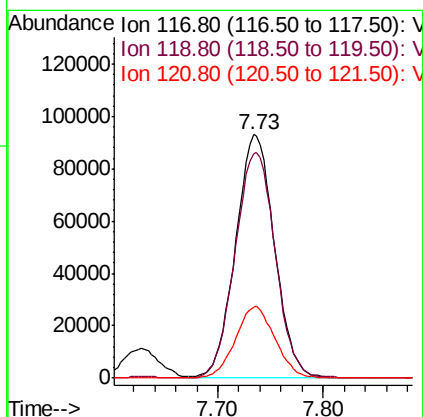
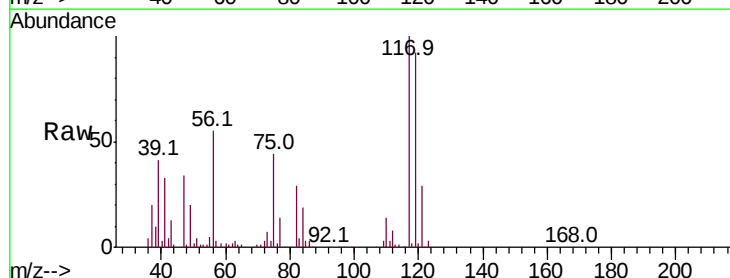
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

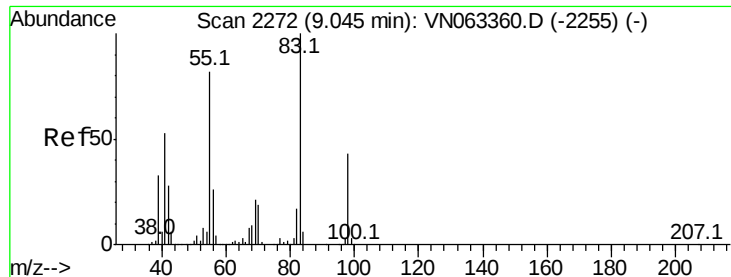
Tot Ion: 43 Resp: 218541
Ion Ratio Lower Upper
43 100
61 13.8 10.6 15.8
70 9.8 7.2 10.8



#38
Carbon Tetrachloride
Concen: 50.418 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN063553.D
Acq: 22 Sep 2020 23:41

Tgt Ion: 117 Resp: 237207
Ion Ratio Lower Upper
117 100
119 92.2 74.5 111.7
121 29.3 24.1 36.1

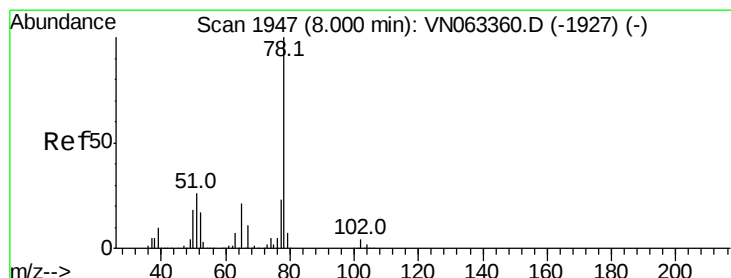
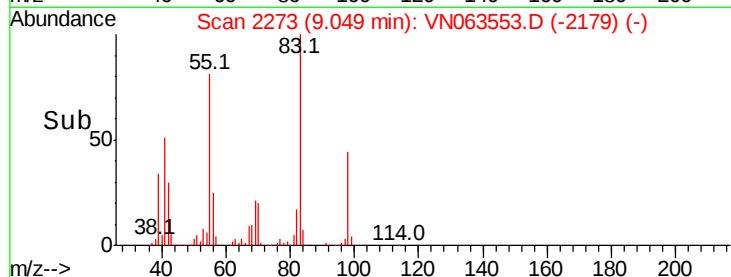
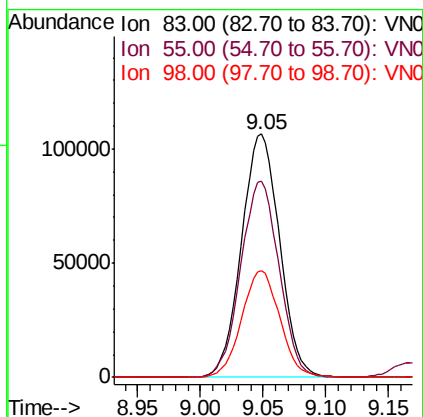
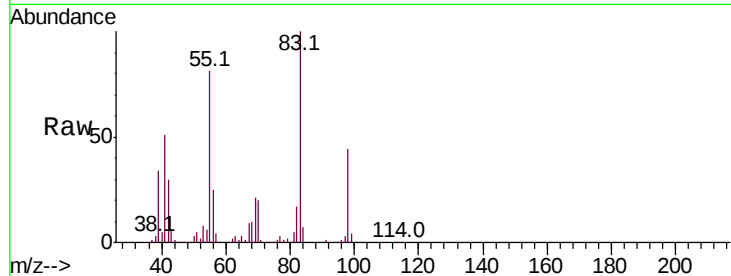




#39
Methvlcvclohexane
Concen: 45.131 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN063553.D
Acq: 22 Sep 2020 23:41

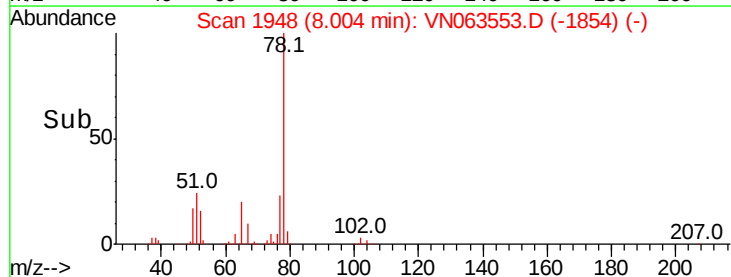
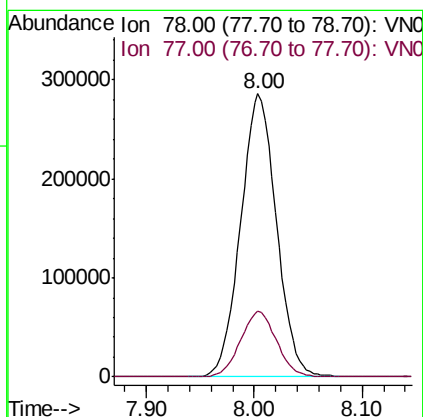
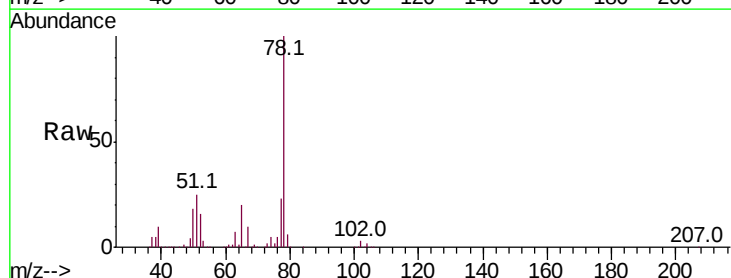
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

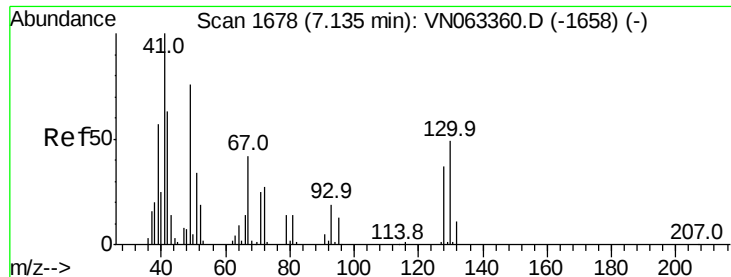
Tot Ion: 83 Resp: 225752
Ion Ratio Lower Upper
83 100
55 80.5 65.5 98.3
98 44.1 34.2 51.4



#40
Benzene
Concen: 50.133 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063553.D
Acq: 22 Sep 2020 23:41

Tgt Ion: 78 Resp: 659576
Ion Ratio Lower Upper
78 100
77 23.2 18.3 27.5

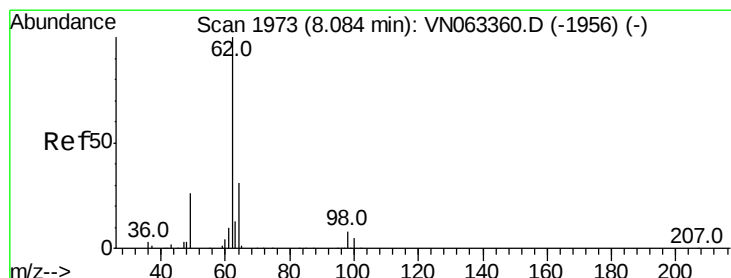
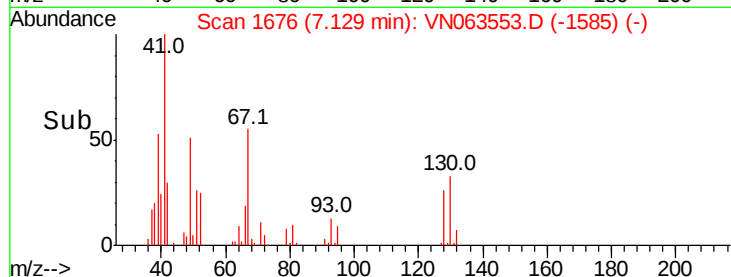
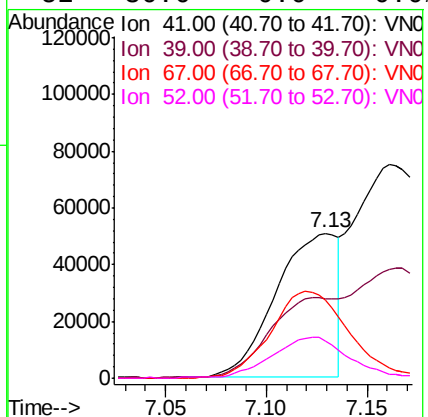
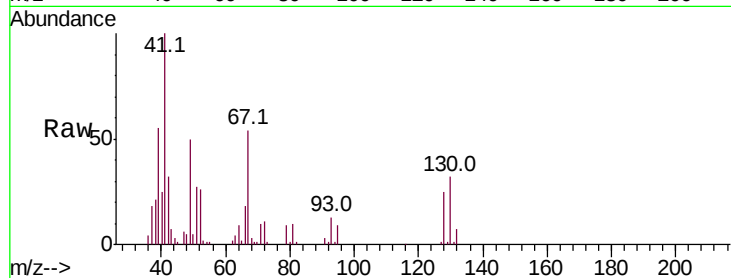




#41
Methacrylonitrile
Concen: 53.177 ug/l
RT: 7.13 min Scan# 1676
Delta R.T. -0.01 min
Lab File: VN063553.D
Acq: 22 Sep 2020 23:41

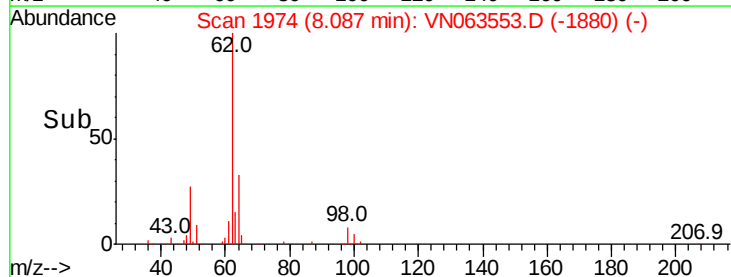
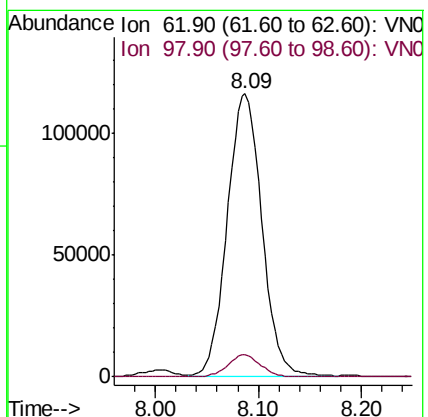
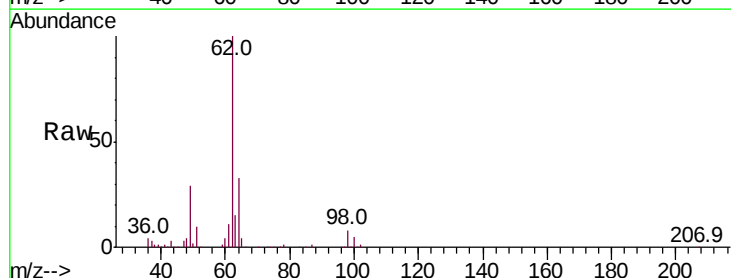
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

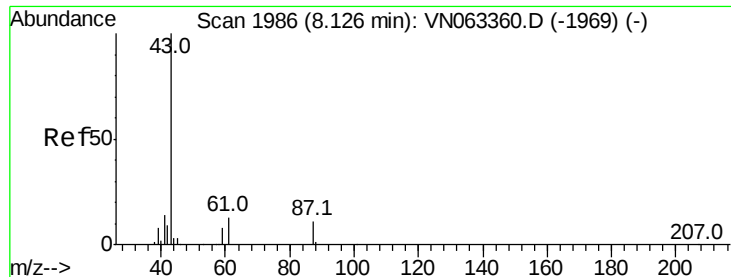
Tot Ion:	41	Resp:	108186
Ion	Ratio	Lower	Upper
41	100		
39	54.6	0.0	0.0#
67	76.4	0.0	0.0#
52	36.6	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 51.149 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN063553.D
Acq: 22 Sep 2020 23:41

Tgt Ion:	62	Resp:	270626
Ion	Ratio	Lower	Upper
62	100		
98	7.5	0.0	15.6





#43

Isopropyl Acetate

Concen: 47.301 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN063553.D

Acq: 22 Sep 2020 23:41

Instrument :

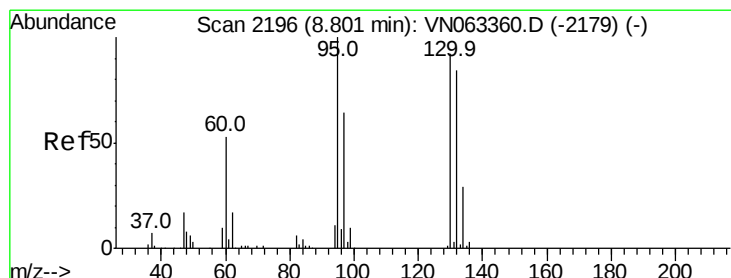
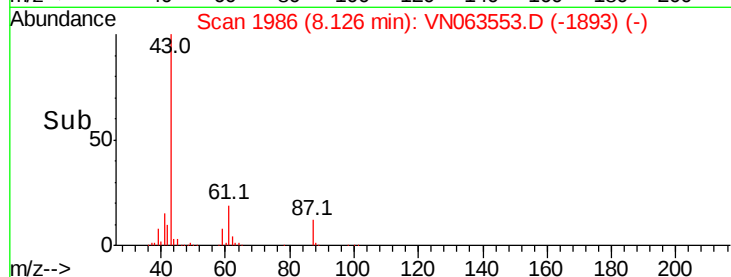
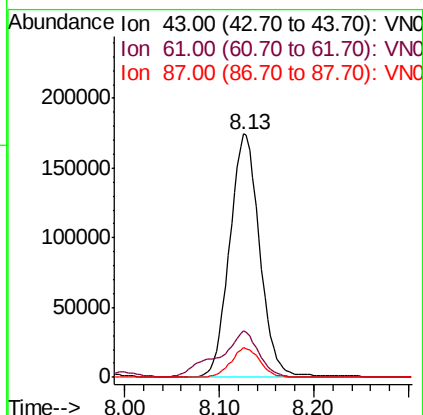
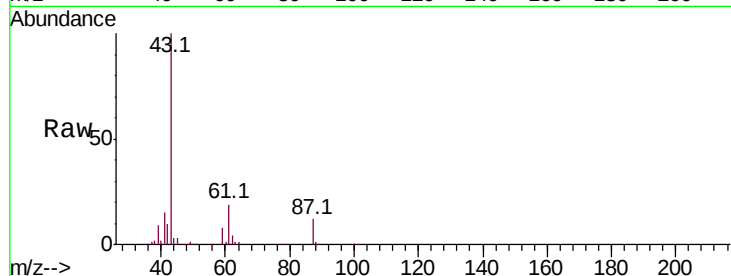
MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 382584

Ion	Ratio	Lower	Upper
43	100		
61	25.1	14.2	21.2#
87	11.7	9.0	13.6



#44

Trichloroethene

Concen: 50.824 ug/l

RT: 8.80 min Scan# 2196

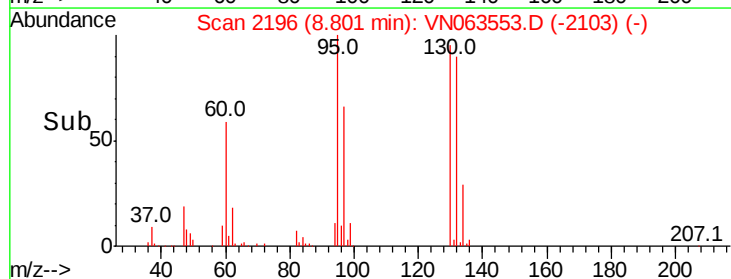
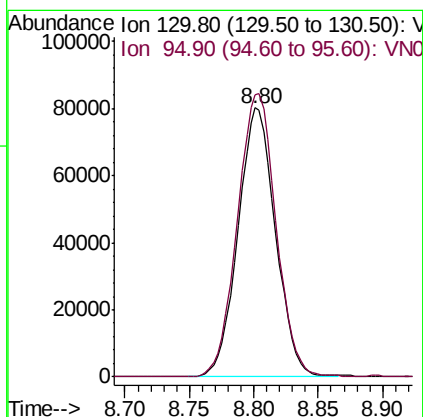
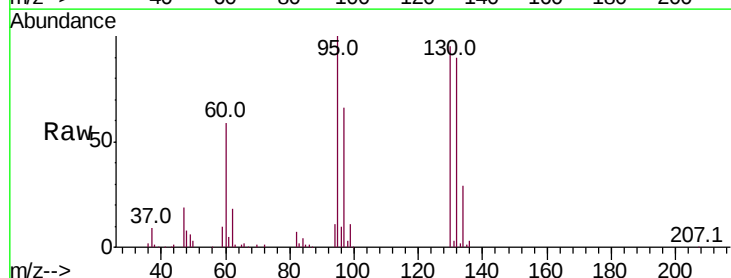
Delta R.T. -0.00 min

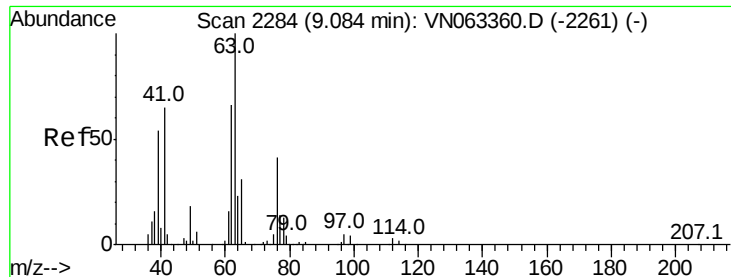
Lab File: VN063553.D

Acq: 22 Sep 2020 23:41

Tgt Ion: 130 Resp: 162183

Ion	Ratio	Lower	Upper
130	100		
95	105.2	0.0	217.4





#45

1,2-Dichloropropane

Concen: 49.861 ug/l

RT: 9.09 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN063553.D

Acq: 22 Sep 2020 23:41

Instrument :

MSVOA_N

ClientSampleId :

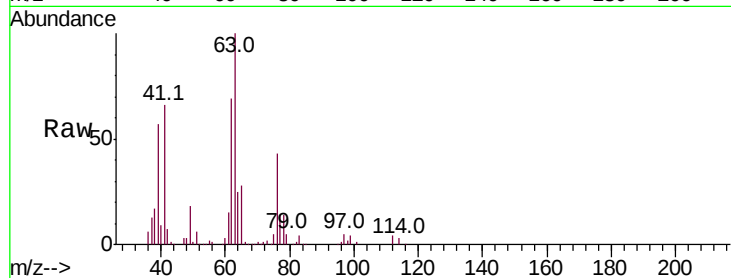
VSTDCCC050

Tot Ion: 63 Resp: 178667

Ion Ratio Lower Upper

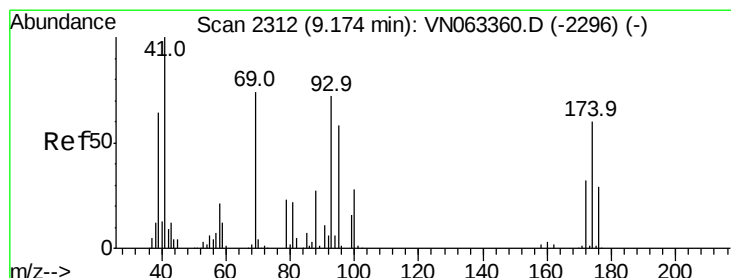
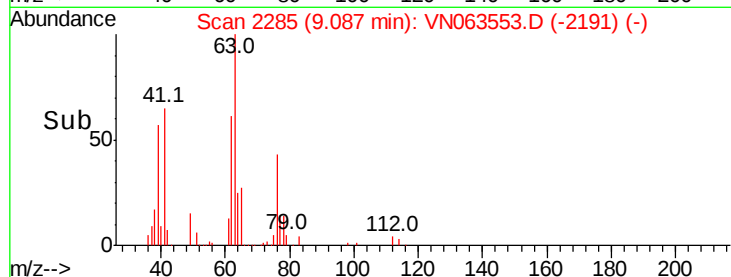
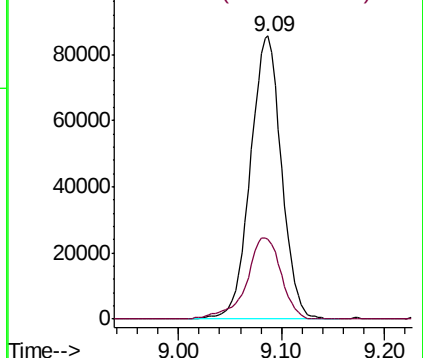
63 100

65 28.0 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 51.210 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN063553.D

Acq: 22 Sep 2020 23:41

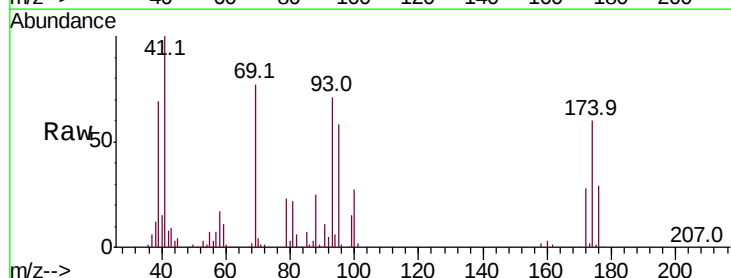
Tgt Ion: 93 Resp: 120607

Ion Ratio Lower Upper

93 100

95 82.0 65.6 98.4

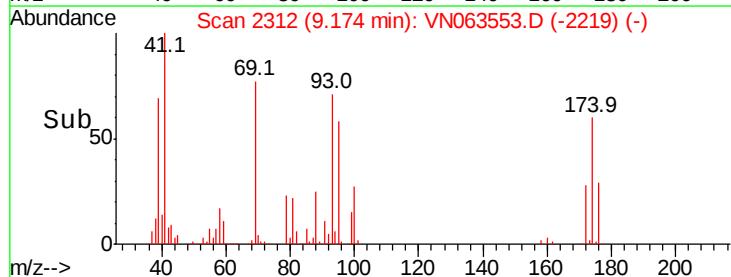
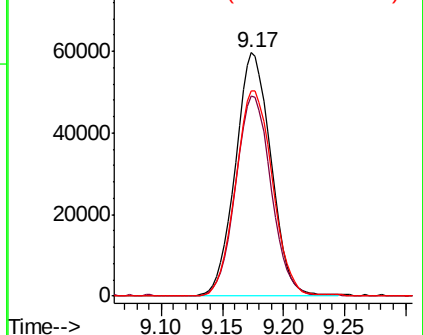
174 86.9 68.1 102.1

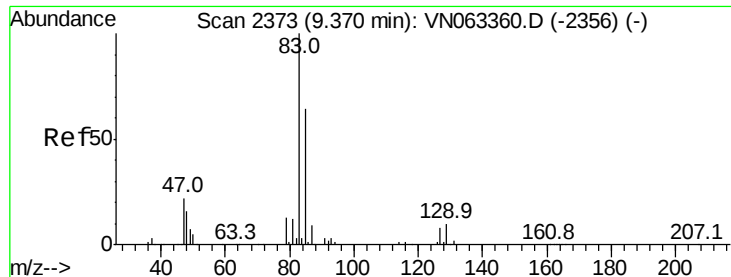


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 51.787 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN063553.D

Acq: 22 Sep 2020 23:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

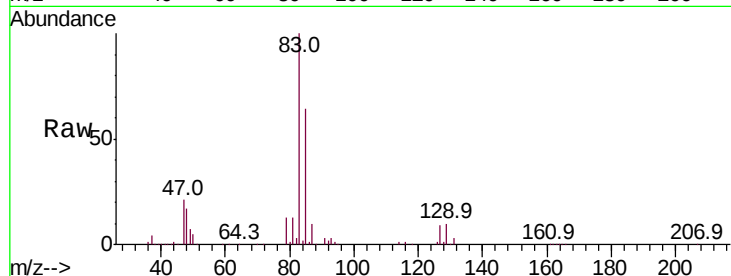
Tot Ion: 83 Resp: 253383

Ion Ratio Lower Upper

83 100

85 63.8 51.0 76.6

127 8.7 6.3 9.5

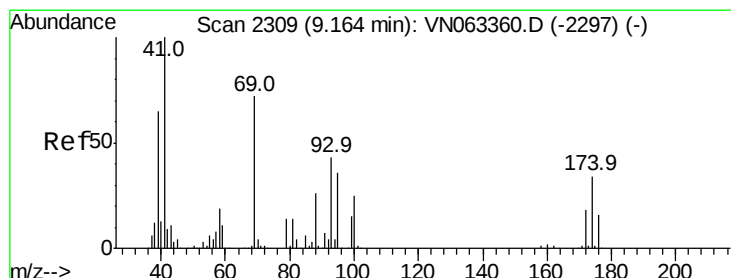
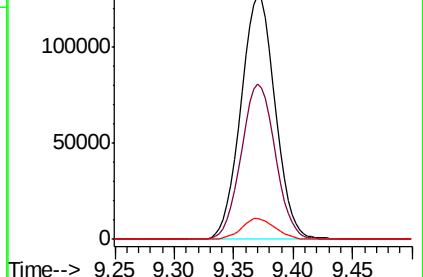
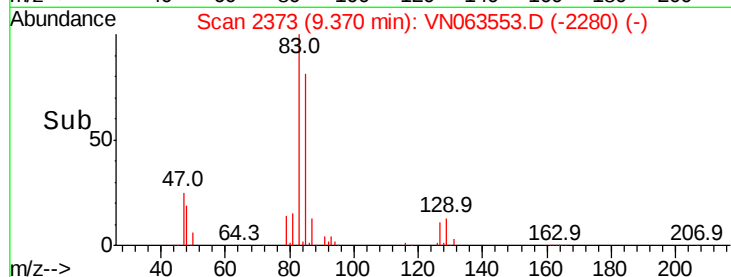


Abundance Ion 82.90 (82.60 to 83.60): VN063360.D (-2356) (-)

Ion 84.90 (84.60 to 85.60): VN063360.D (-2356) (-)

Ion 126.80 (126.50 to 127.50): VN063360.D (-2356) (-)

9.37



#48

Methyl methacrylate

Concen: 48.439 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN063553.D

Acq: 22 Sep 2020 23:41

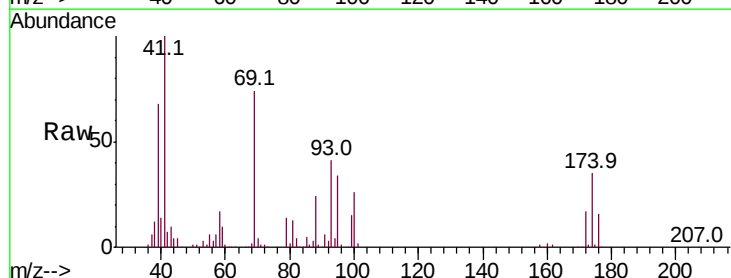
Tgt Ion: 41 Resp: 192490

Ion Ratio Lower Upper

41 100

69 76.1 59.3 88.9

39 68.8 52.9 79.3

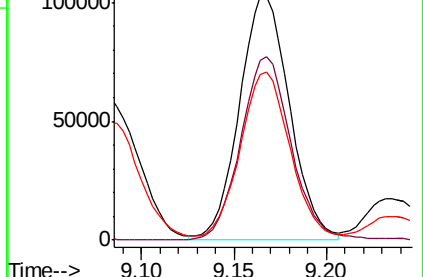
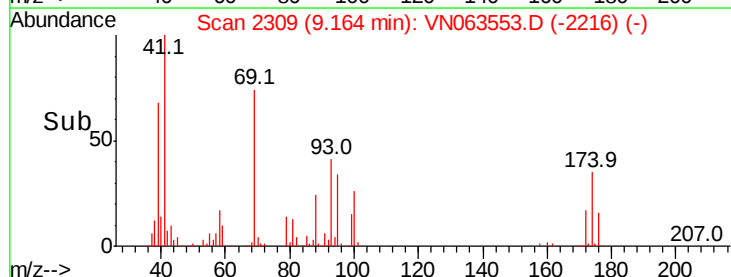


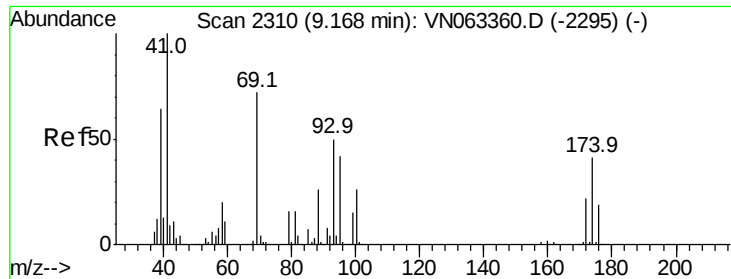
Abundance Ion 41.00 (40.70 to 41.70): VN063360.D (-2297) (-)

Ion 69.00 (68.70 to 69.70): VN063360.D (-2297) (-)

Ion 39.00 (38.70 to 39.70): VN063360.D (-2297) (-)

9.16





#49

1,4-Dioxane

Concen: 893.572 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN063553.D

Acq: 22 Sep 2020 23:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

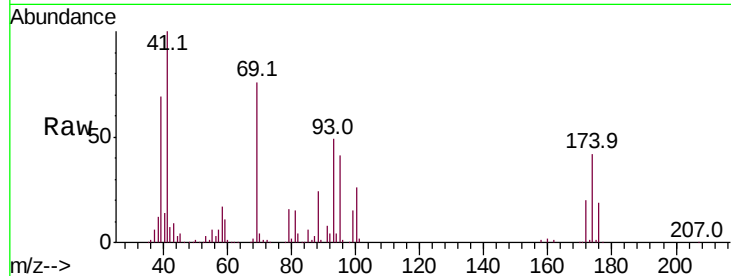
Tot Ion: 88 Resp: 50958

Ion Ratio Lower Upper

88 100

43 37.3 32.6 49.0

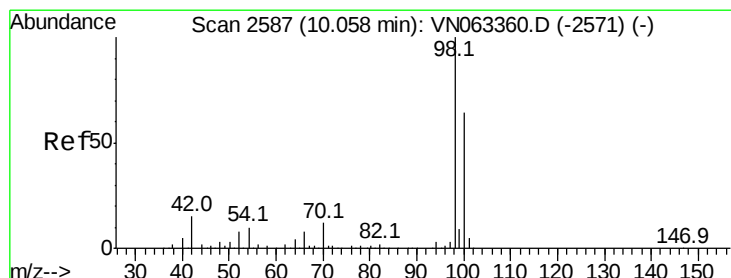
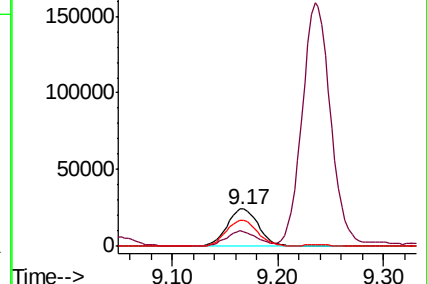
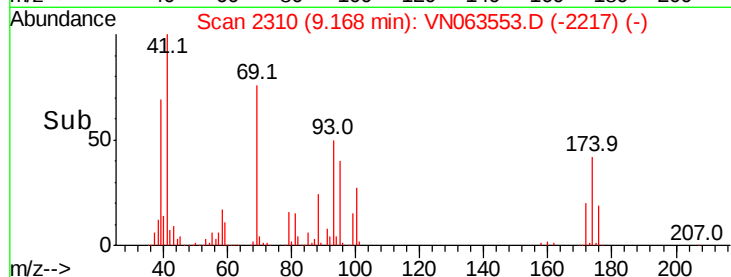
58 69.3 60.0 90.0



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 51.331 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063553.D

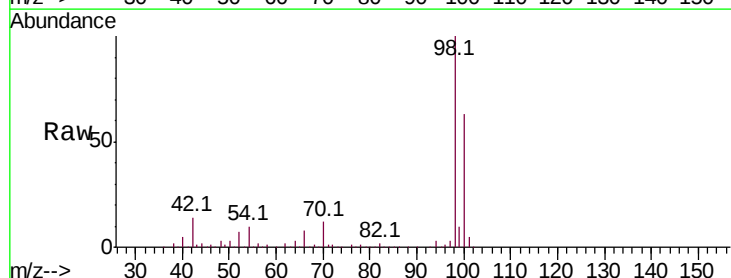
Acq: 22 Sep 2020 23:41

Tgt Ion: 98 Resp: 578055

Ion Ratio Lower Upper

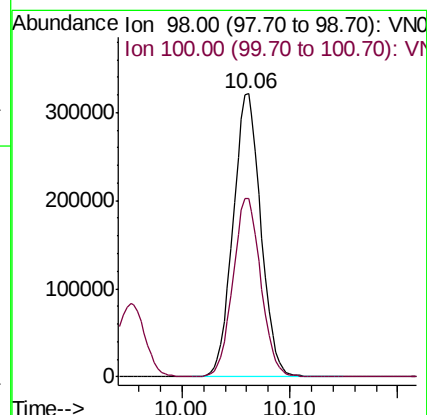
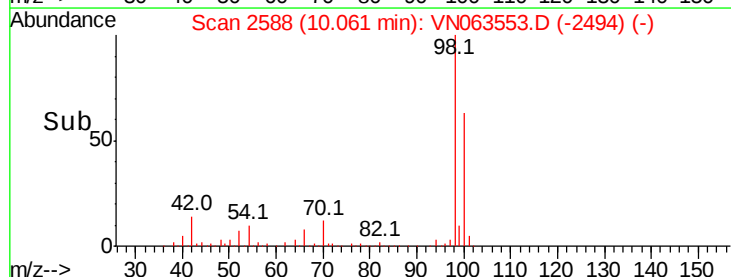
98 100

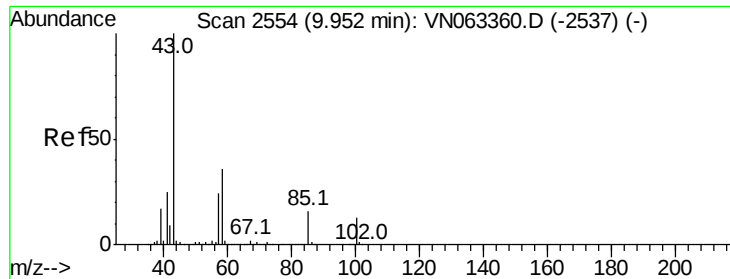
100 63.1 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 252.679 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN063553.D

Acq: 22 Sep 2020 23:41

Instrument :

MSVOA_N

ClientSampleId :

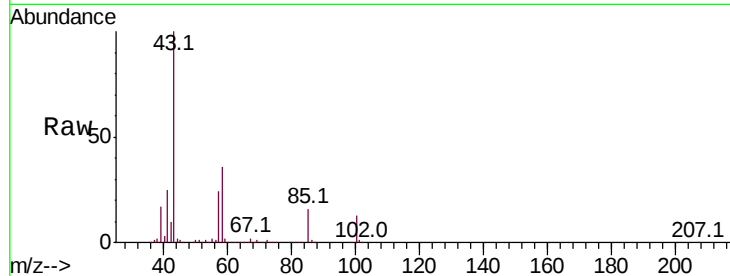
VSTDCCC050

Tot Ion: 43 Resp: 1144167

Ion Ratio Lower Upper

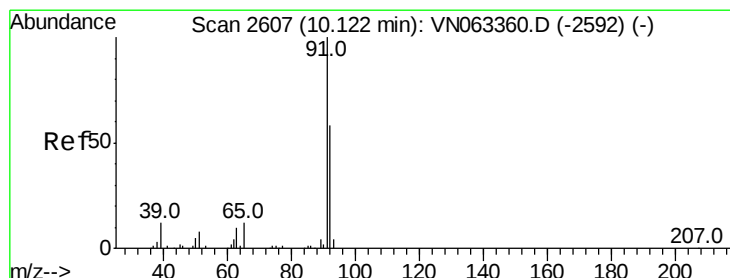
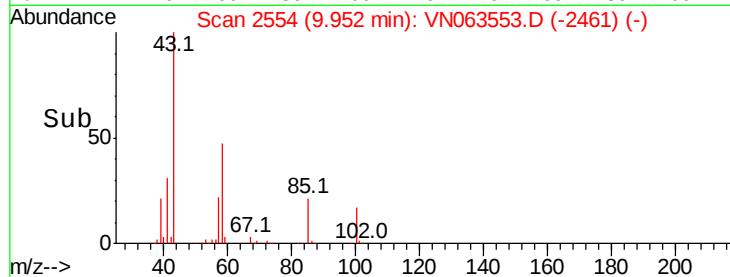
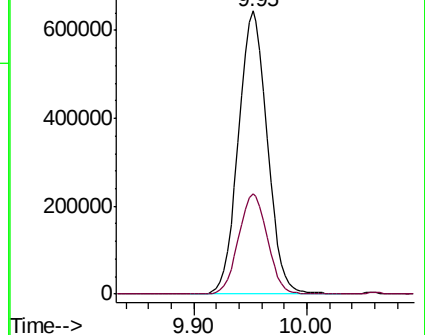
43 100

58 35.7 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VN063360.D (-2537) (-)

Ion 58.00 (57.70 to 58.70): VN063360.D (-2537) (-)



#52

Toluene

Concen: 52.653 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063553.D

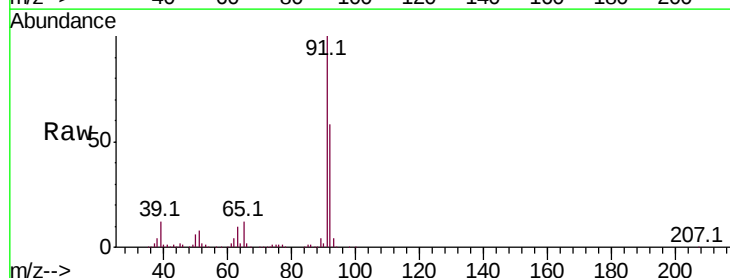
Acq: 22 Sep 2020 23:41

Tgt Ion: 92 Resp: 416501

Ion Ratio Lower Upper

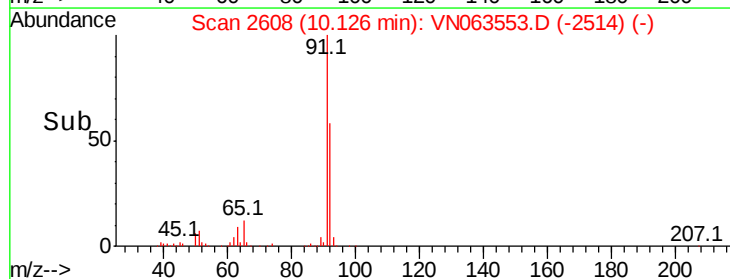
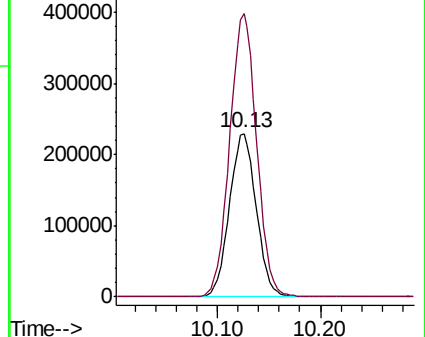
92 100

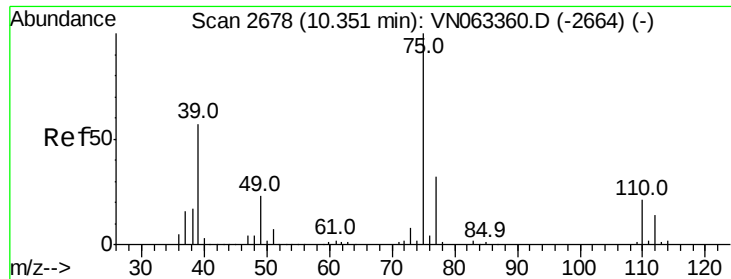
91 173.9 139.7 209.5



Abundance Ion 92.00 (91.70 to 92.70): VN063360.D (-2592) (-)

Ion 91.00 (90.70 to 91.70): VN063360.D (-2592) (-)





#53

t-1,3-Dichloropropene

Concen: 48.409 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN063553.D

Acq: 22 Sep 2020 23:41

Instrument :

MSVOA_N

ClientSampleId :

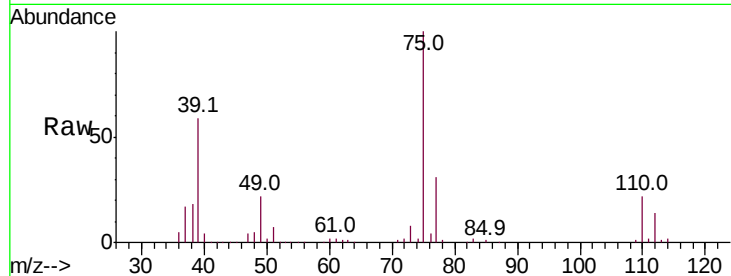
VSTDCCC050

Tot Ion: 75 Resp: 264419

Ion Ratio Lower Upper

75 100

77 31.5 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.35

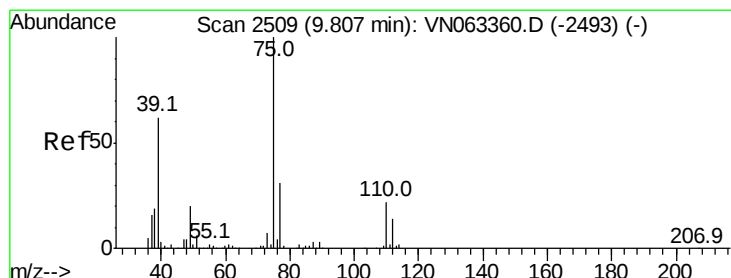
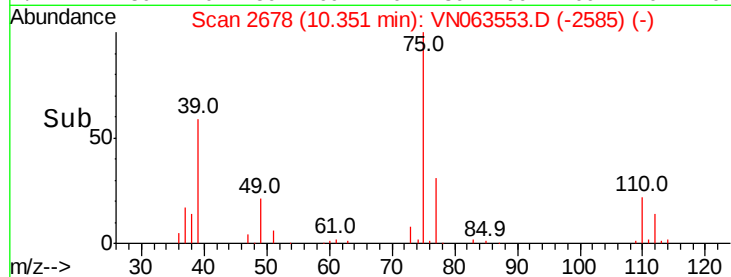
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 48.964 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN063553.D

Acq: 22 Sep 2020 23:41

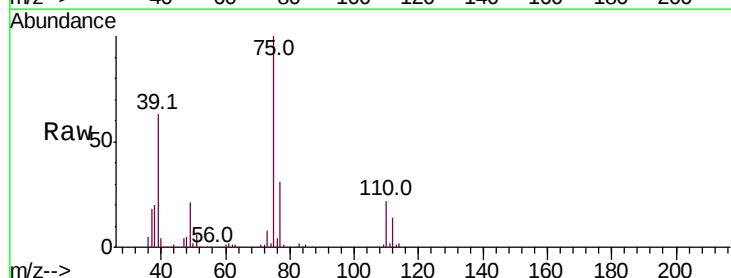
Tgt Ion: 75 Resp: 282106

Ion Ratio Lower Upper

75 100

77 31.4 24.6 37.0

39 63.1 49.8 74.8



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

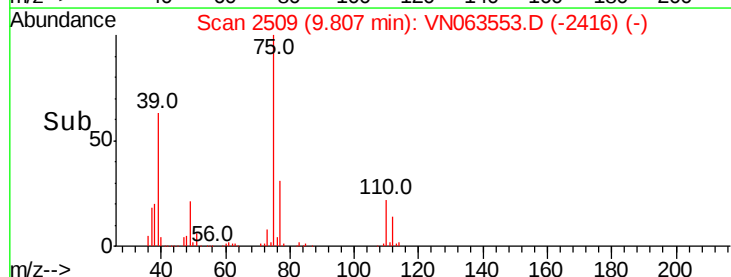
150000

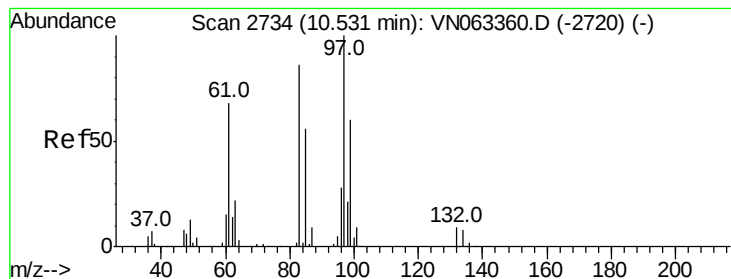
100000

50000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 52.235 ug/l

RT: 10.53 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN063553.D

Acq: 22 Sep 2020 23:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 164123

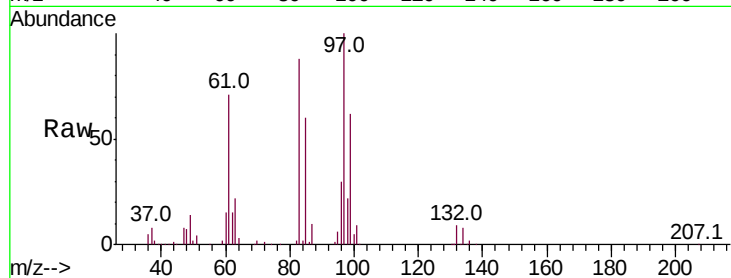
Ion Ratio Lower Upper

97 100

83 88.5 68.9 103.3

85 59.5 44.8 67.2

99 62.3 47.8 71.8

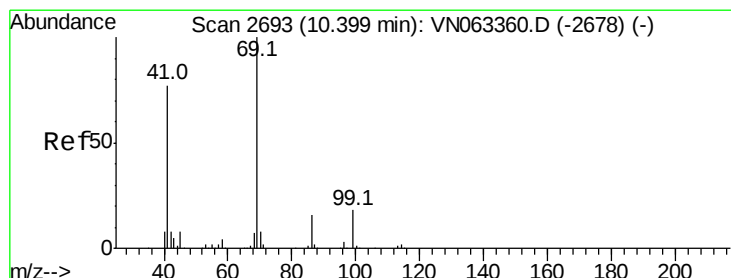
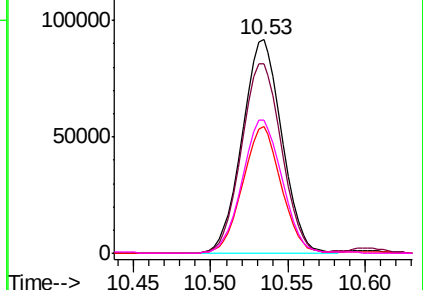
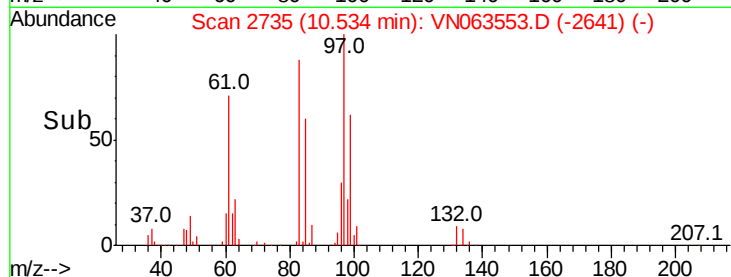


Abundance Ion 96.90 (96.60 to 97.60): VN0

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: 50.022 ug/l

RT: 10.40 min Scan# 2693

Delta R.T. -0.00 min

Lab File: VN063553.D

Acq: 22 Sep 2020 23:41

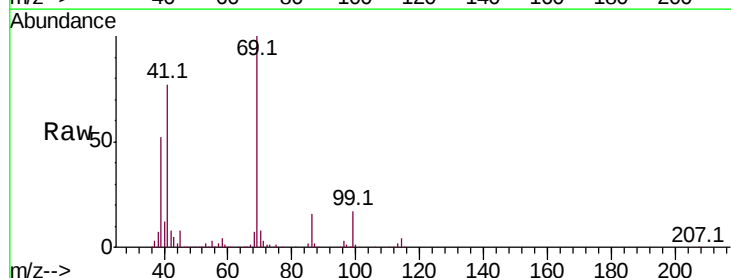
Tgt Ion: 69 Resp: 245359

Ion Ratio Lower Upper

69 100

41 75.2 61.0 91.6

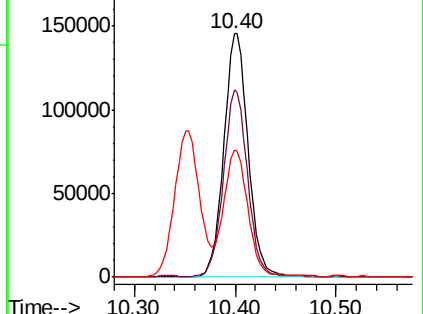
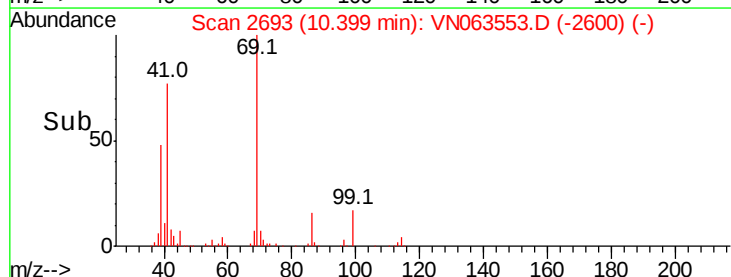
39 52.0 39.2 58.8



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: 50.206 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN063553.D

Acq: 22 Sep 2020 23:41

Instrument :

MSVOA_N

ClientSampleId :

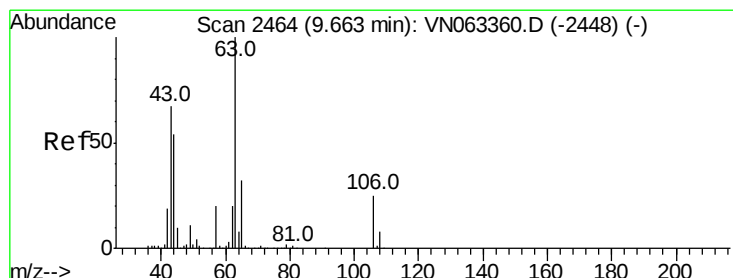
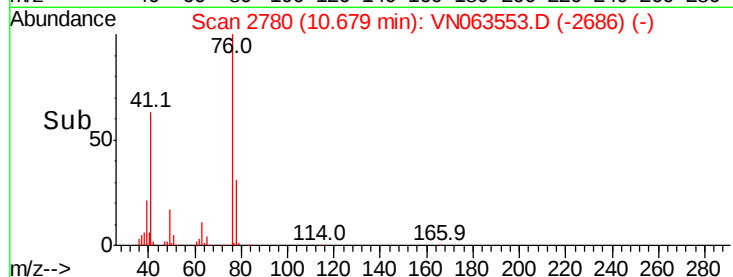
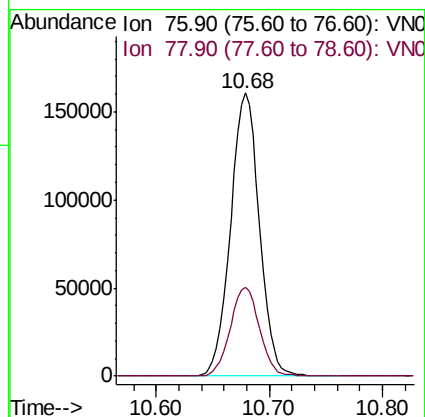
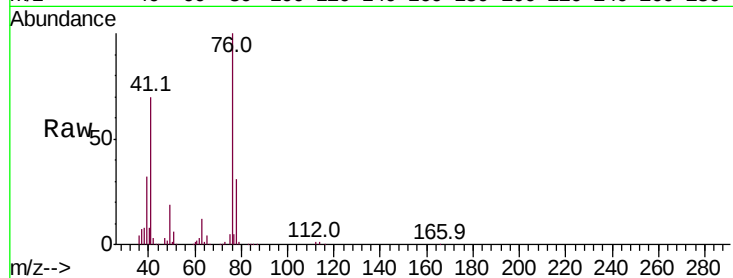
VSTDCCC050

Tot Ion: 76 Resp: 284471

Ion Ratio Lower Upper

76 100

78 31.9 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 232.254 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. -0.00 min

Lab File: VN063553.D

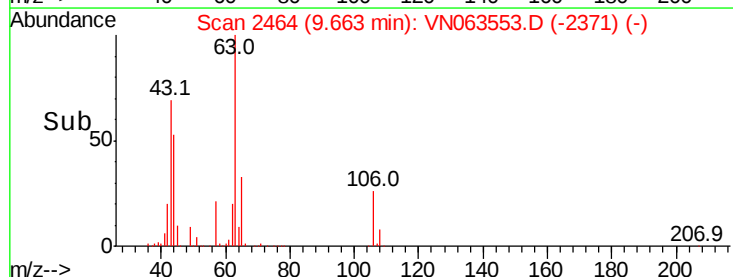
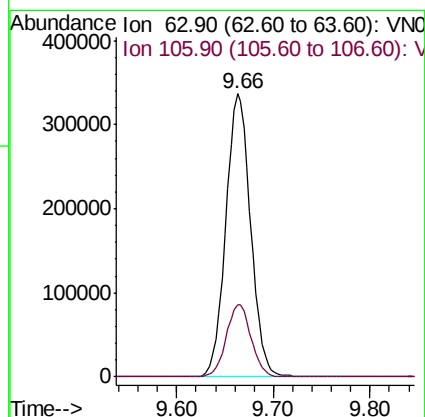
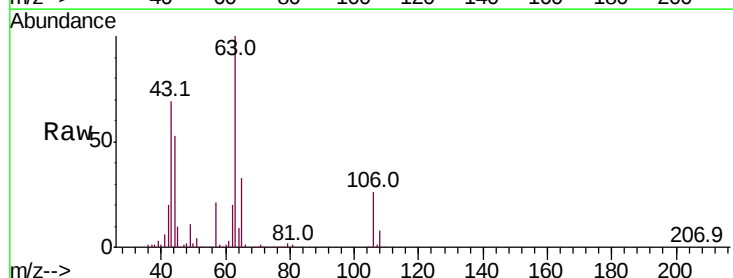
Acq: 22 Sep 2020 23:41

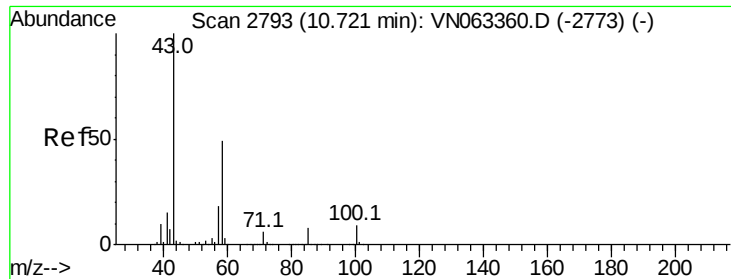
Tgt Ion: 63 Resp: 597607

Ion Ratio Lower Upper

63 100

106 25.7 19.5 29.3

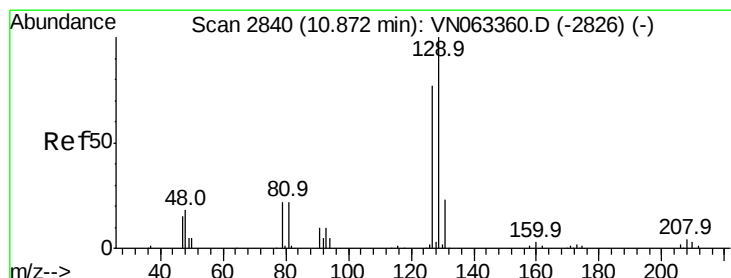
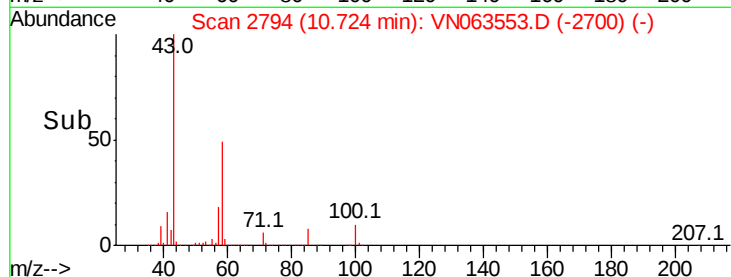
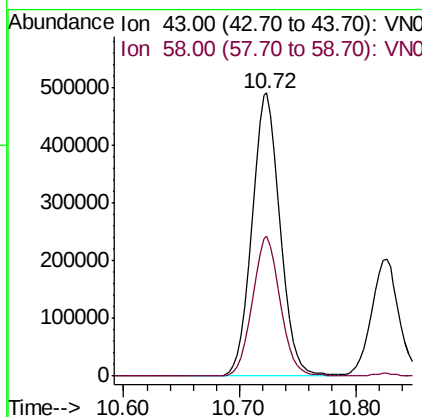
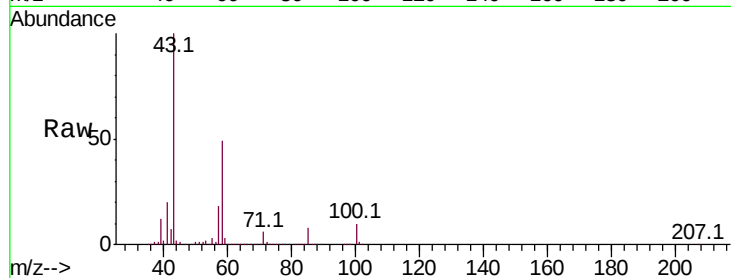




#59
2-Hexanone
Concen: 252.847 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN063553.D
Acq: 22 Sep 2020 23:41

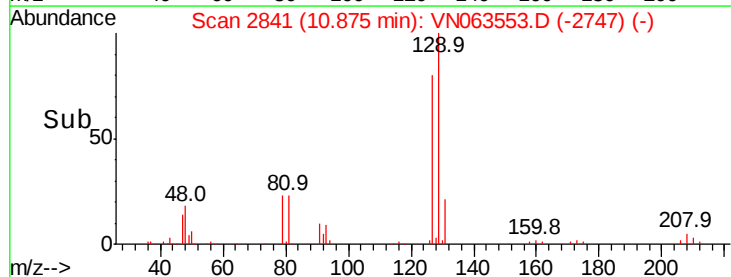
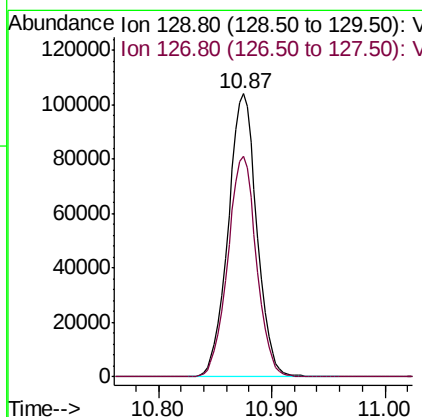
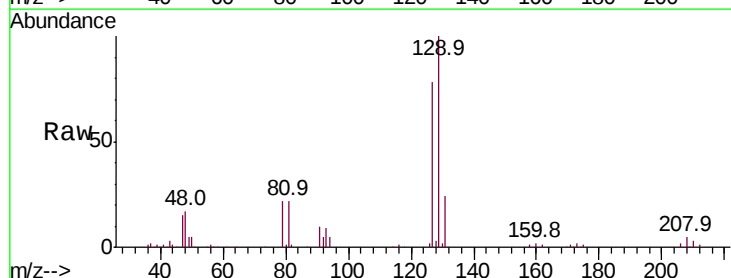
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

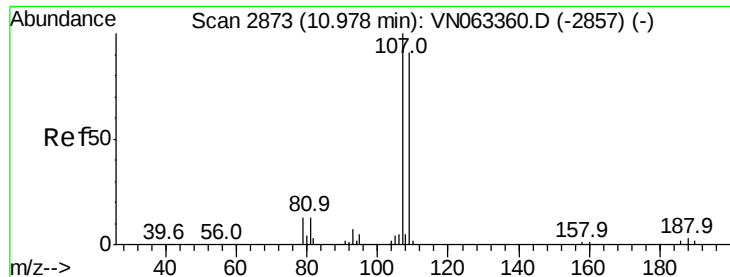
Tot Ion: 43 Resp: 829467
Ion Ratio Lower Upper
43 100
58 49.1 24.7 74.1



#60
Dibromochloromethane
Concen: 51.870 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN063553.D
Acq: 22 Sep 2020 23:41

Tgt Ion: 129 Resp: 184118
Ion Ratio Lower Upper
129 100
127 77.6 39.1 117.3





#61

1,2-Dibromoethane

Concen: 51.621 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. -0.00 min

Lab File: VN063553.D

Acq: 22 Sep 2020 23:41

Instrument :

MSVOA_N

ClientSampleId :

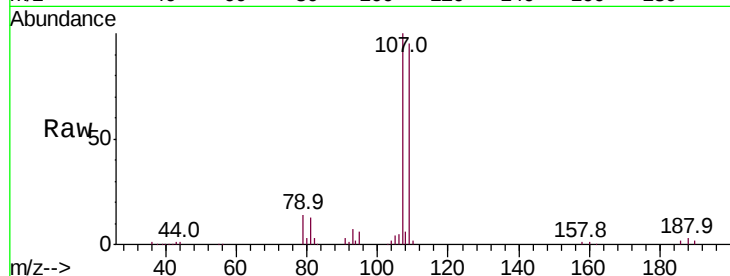
VSTDCCC050

Tot Ion:107 Resp: 168506

Ion Ratio Lower Upper

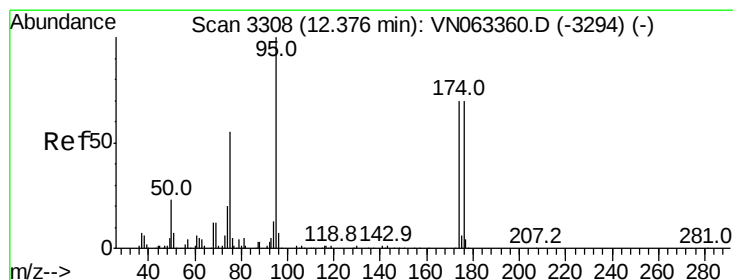
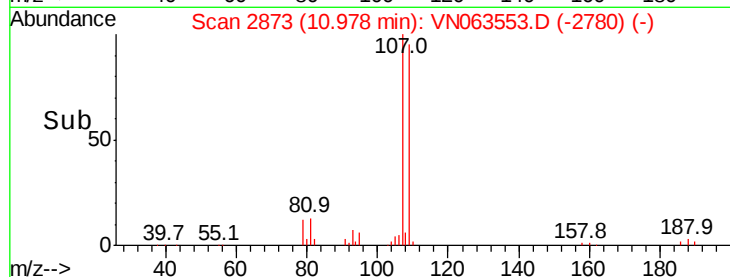
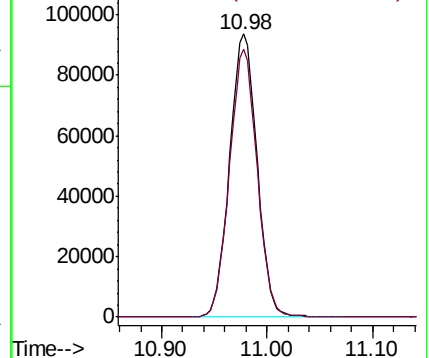
107 100

109 95.1 74.6 111.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 54.430 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063553.D

Acq: 22 Sep 2020 23:41

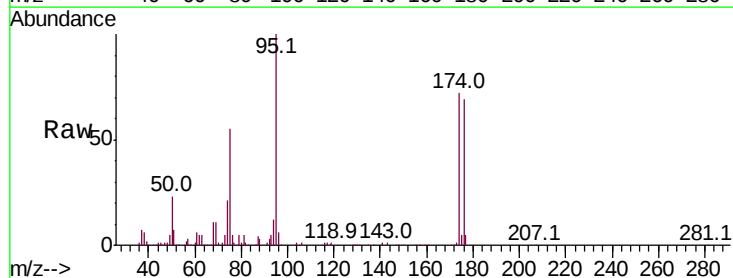
Tgt Ion: 95 Resp: 224697

Ion Ratio Lower Upper

95 100

174 71.3 0.0 140.8

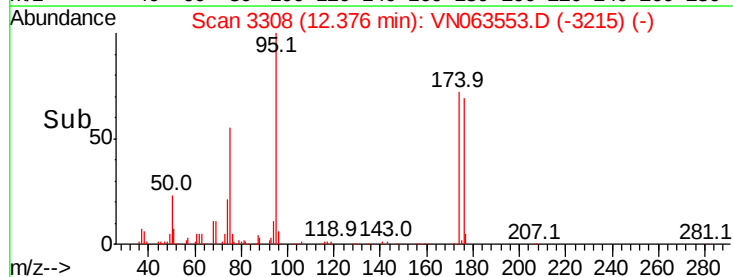
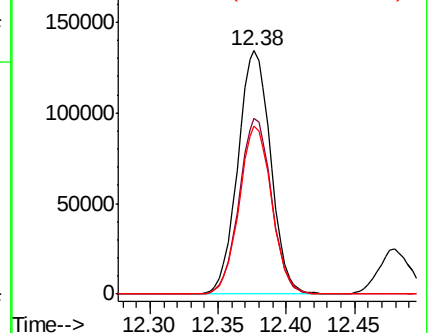
176 68.4 0.0 137.6

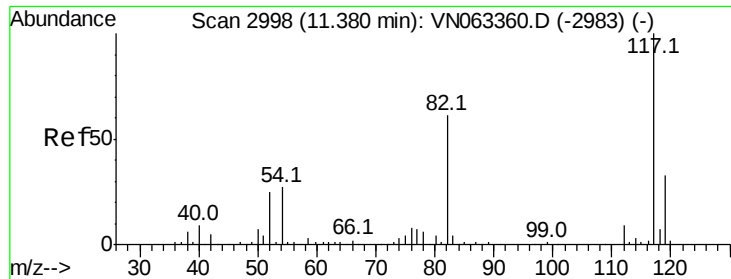


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

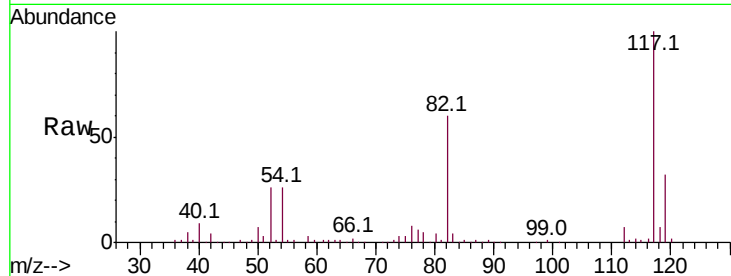




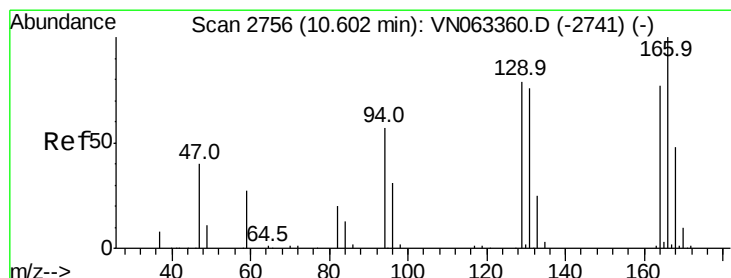
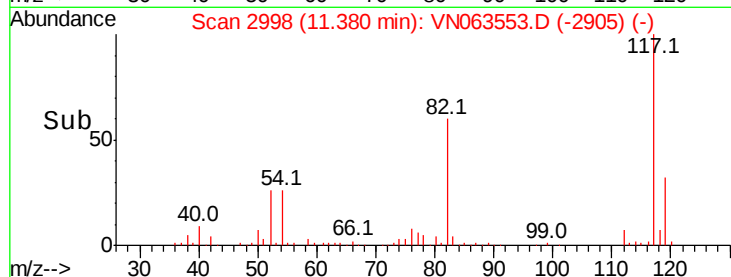
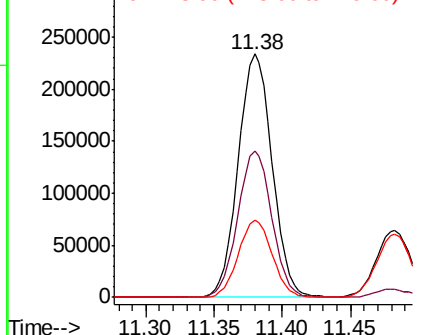
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063553.D
Acq: 22 Sep 2020 23:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:117 Resp: 405646
Ion Ratio Lower Upper
117 100
82 60.3 49.2 73.8
119 31.8 26.2 39.4

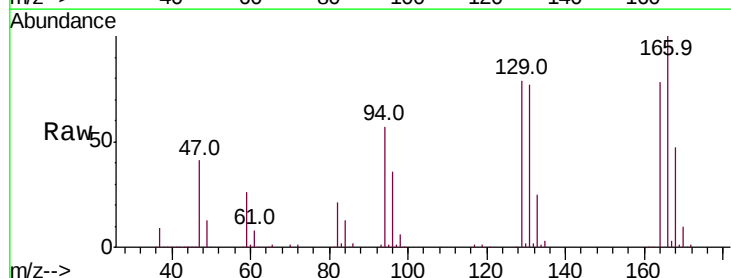


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

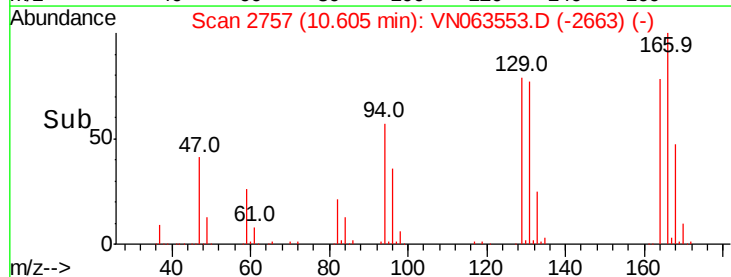
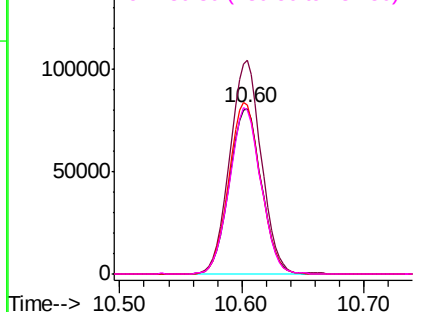


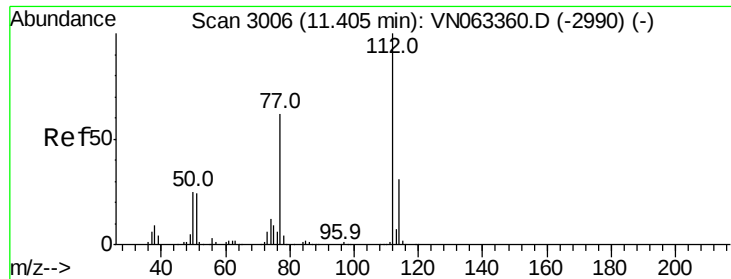
#64
Tetrachloroethene
Concen: 53.434 ug/l
RT: 10.60 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VN063553.D
Acq: 22 Sep 2020 23:41

Tgt Ion:164 Resp: 147592
Ion Ratio Lower Upper
164 100
166 128.9 103.4 155.0
129 101.9 81.8 122.6
131 98.8 78.2 117.4



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

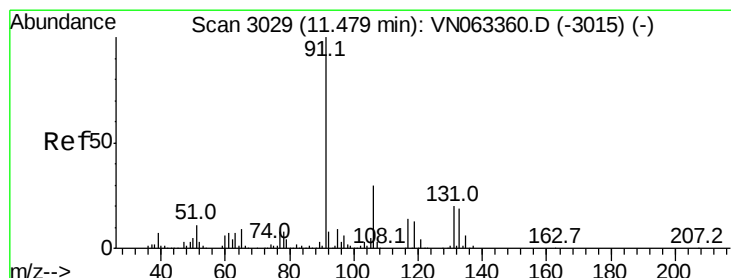
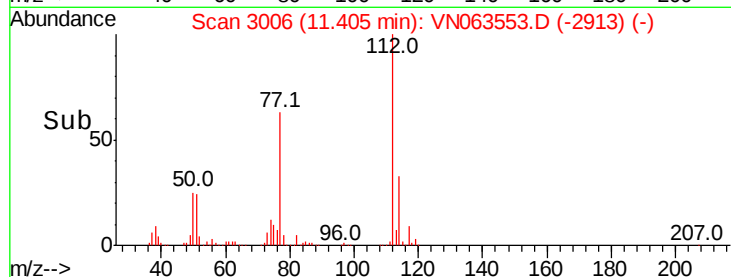
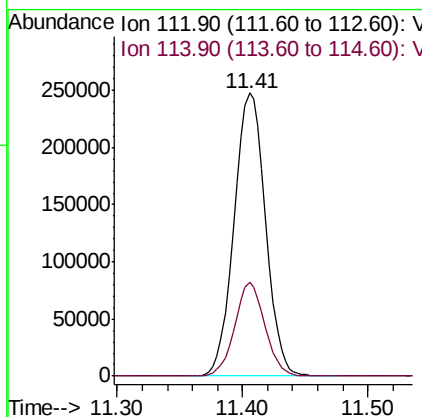
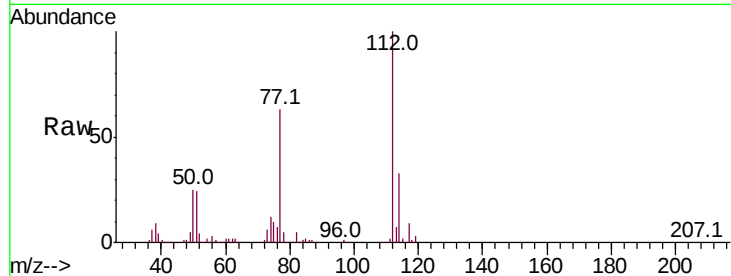




#65
Chlorobenzene
Concen: 50.134 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN063553.D
Acq: 22 Sep 2020 23:41

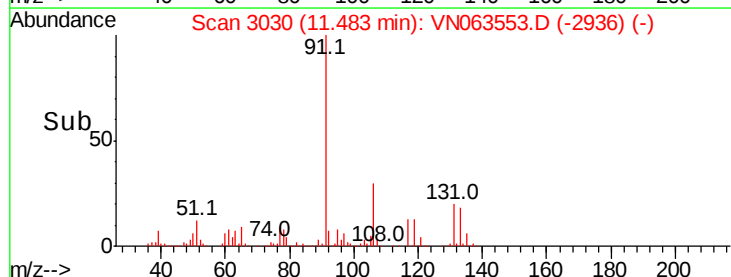
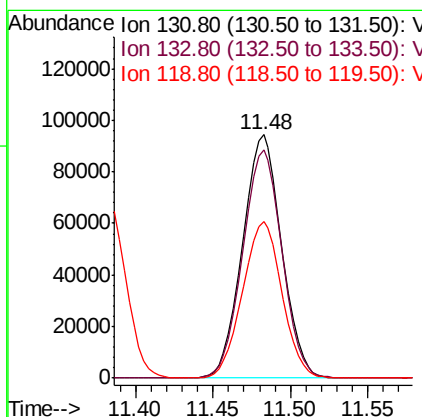
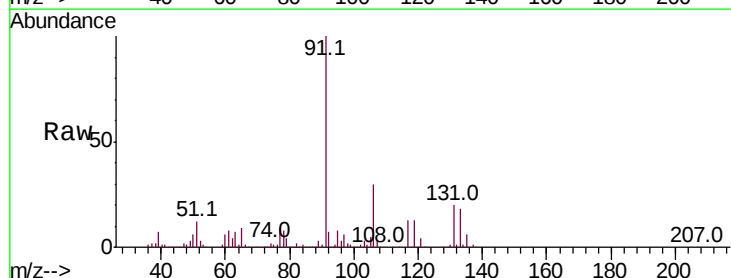
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

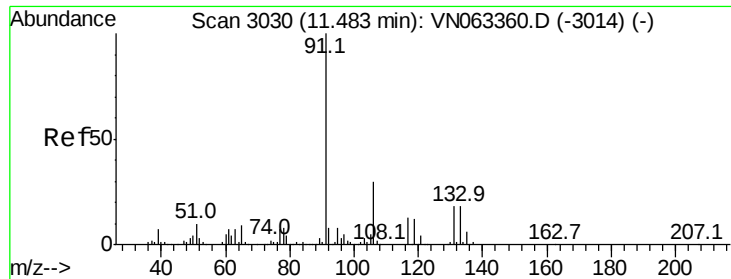
Tot Ion:112 Resp: 431695
Ion Ratio Lower Upper
112 100
114 33.1 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 52.474 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN063553.D
Acq: 22 Sep 2020 23:41

Tgt Ion:131 Resp: 165629
Ion Ratio Lower Upper
131 100
133 94.2 47.3 141.9
119 64.9 33.6 100.8

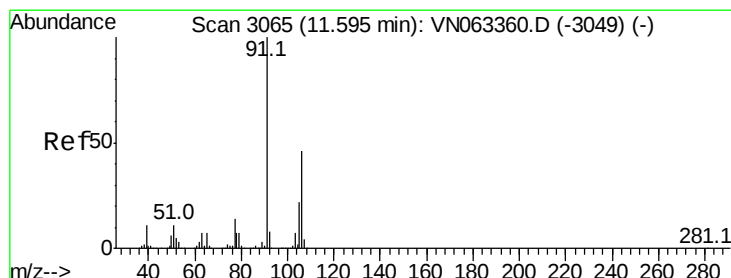
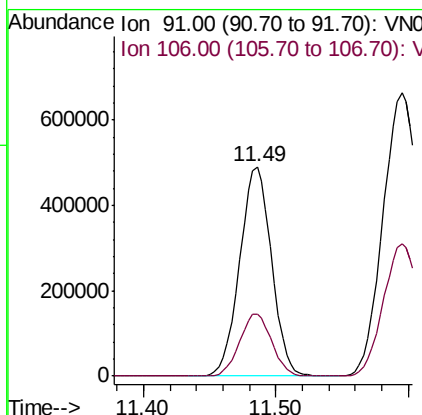
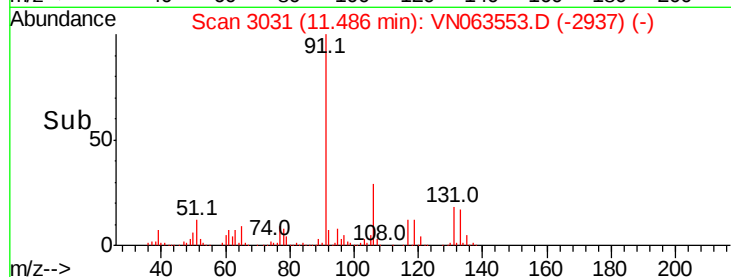
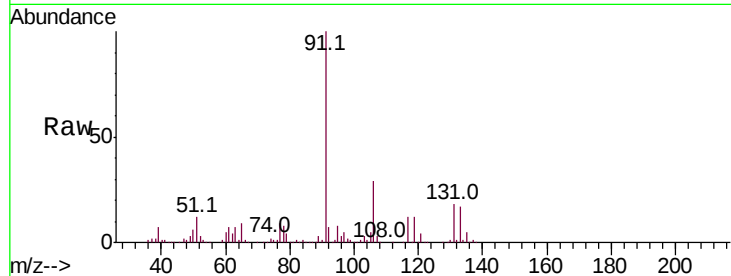




#67
Ethyl Benzene
Concen: 50.478 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. 0.00 min
Lab File: VN063553.D
Acq: 22 Sep 2020 23:41

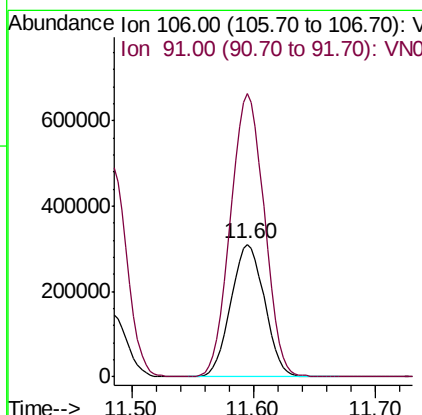
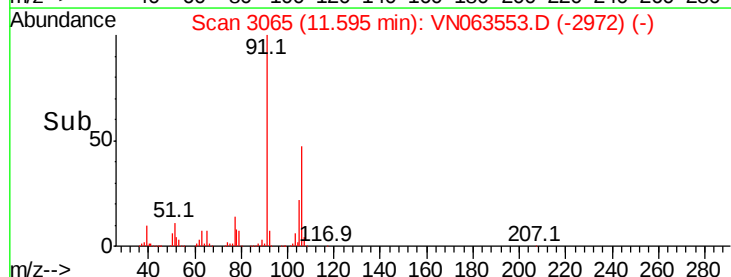
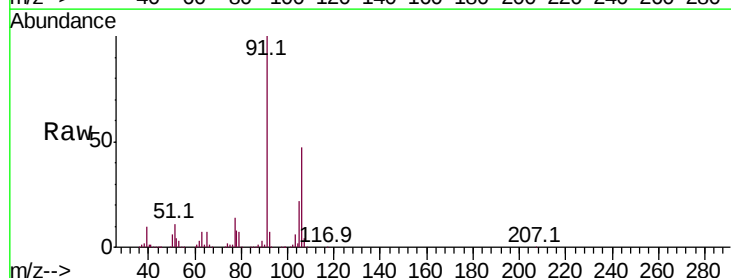
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

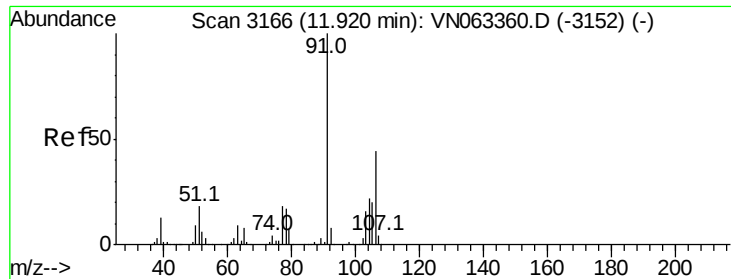
Tot Ion: 91 Resp: 818528
Ion Ratio Lower Upper
91 100
106 29.5 23.8 35.6



#68
m/p-Xylenes
Concen: 101.767 ug/l
RT: 11.60 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN063553.D
Acq: 22 Sep 2020 23:41

Tgt Ion: 106 Resp: 594984
Ion Ratio Lower Upper
106 100
91 215.4 171.2 256.8

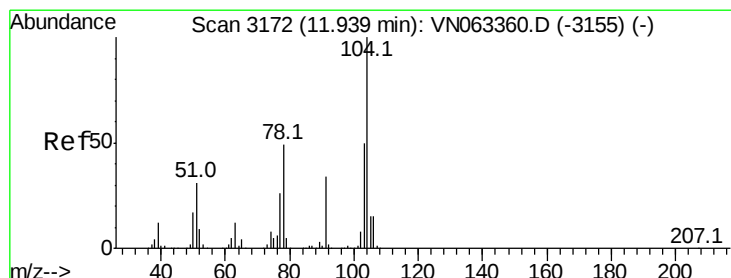
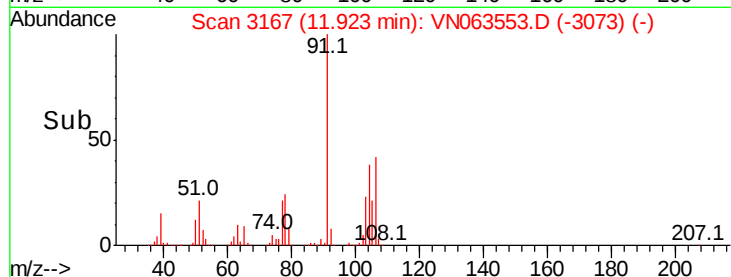
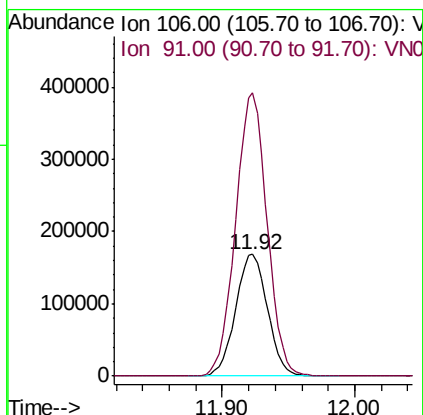
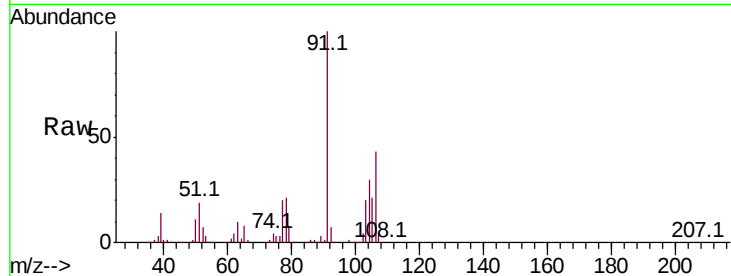




#69
o-Xylene
Concen: 50.622 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063553.D
Acq: 22 Sep 2020 23:41

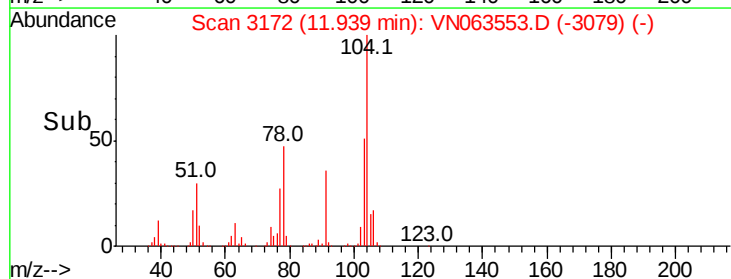
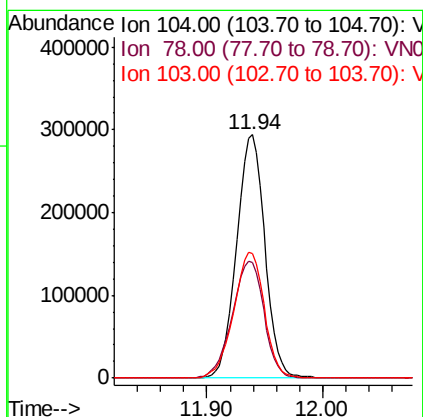
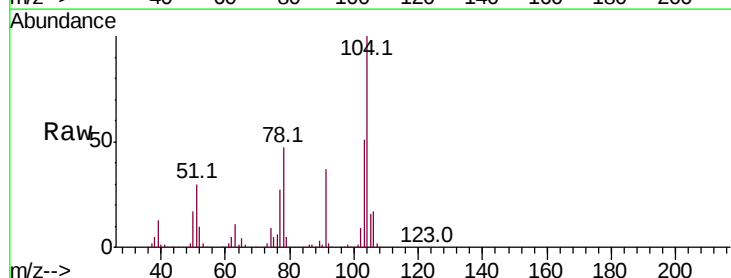
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

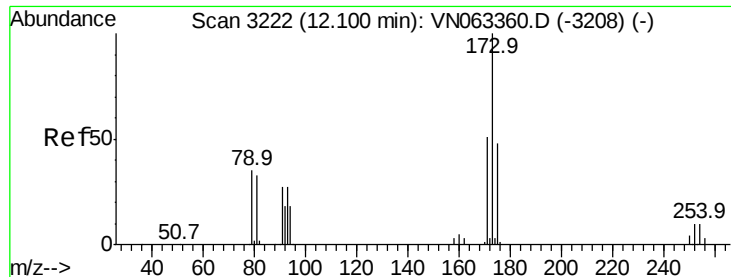
Tot Ion:106 Resp: 281935
Ion Ratio Lower Upper
106 100
91 229.0 113.6 340.8



#70
Styrene
Concen: 53.342 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. -0.00 min
Lab File: VN063553.D
Acq: 22 Sep 2020 23:41

Tgt Ion:104 Resp: 498211
Ion Ratio Lower Upper
104 100
78 53.8 44.4 66.6
103 55.7 43.7 65.5

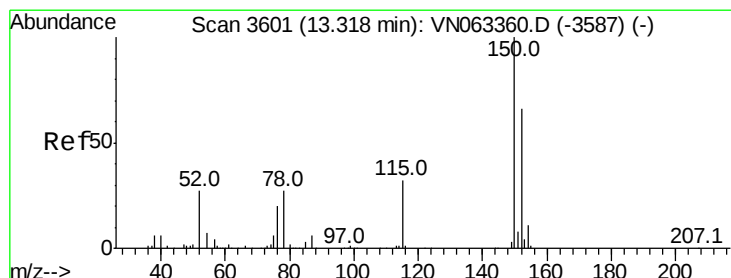
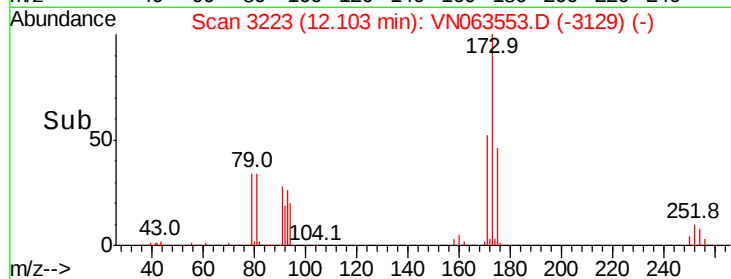
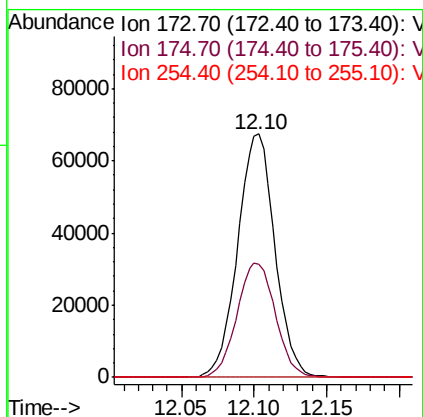
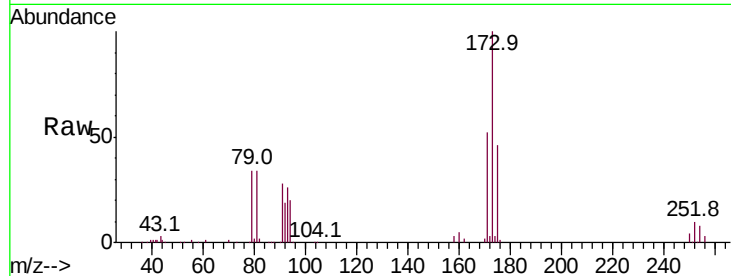




#71
Bromoform
Concen: 51.149 ug/l
RT: 12.10 min Scan# 3223
Delta R.T. 0.00 min
Lab File: VN063553.D
Acq: 22 Sep 2020 23:41

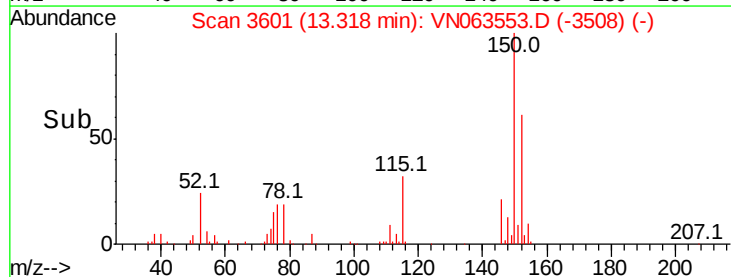
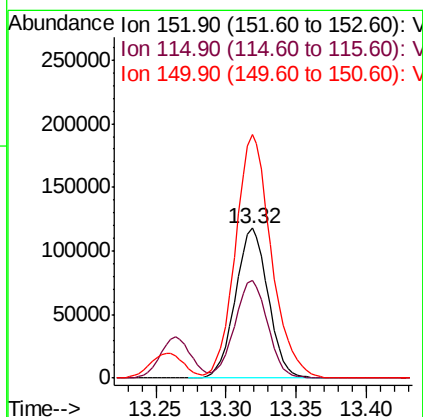
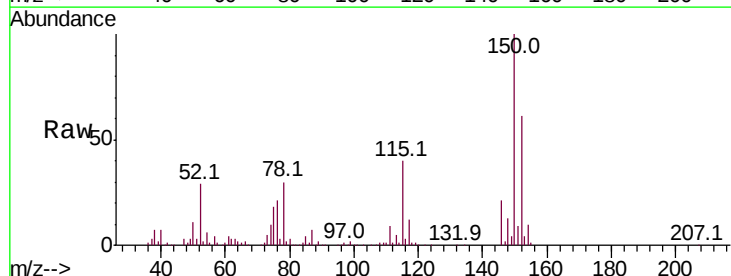
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

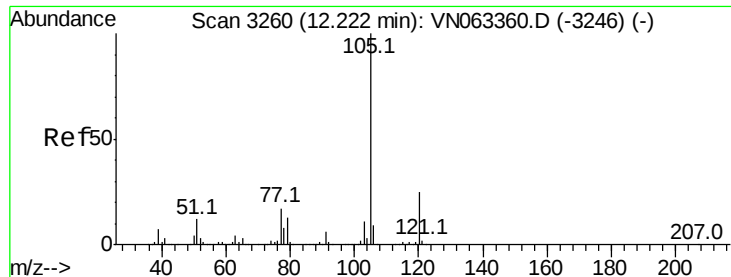
Tot Ion:173 Resp: 120273
Ion Ratio Lower Upper
173 100
175 48.3 24.0 72.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. -0.00 min
Lab File: VN063553.D
Acq: 22 Sep 2020 23:41

Tgt Ion:152 Resp: 191959
Ion Ratio Lower Upper
152 100
115 65.4 32.2 96.6
150 176.4 0.0 343.4





#73

Isopropylbenzene

Concen: 50.378 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN063553.D

Acq: 22 Sep 2020 23:41

Instrument :

MSVOA_N

ClientSampleId :

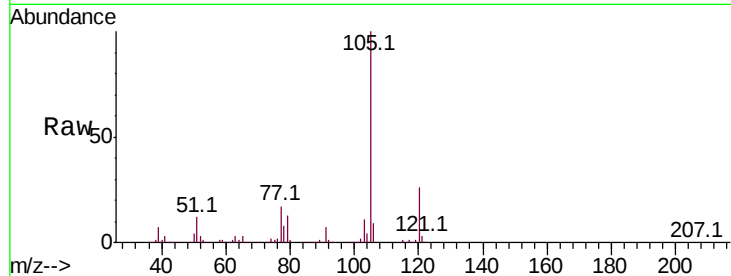
VSTDCCC050

Tot Ion:105 Resp: 774933

Ion Ratio Lower Upper

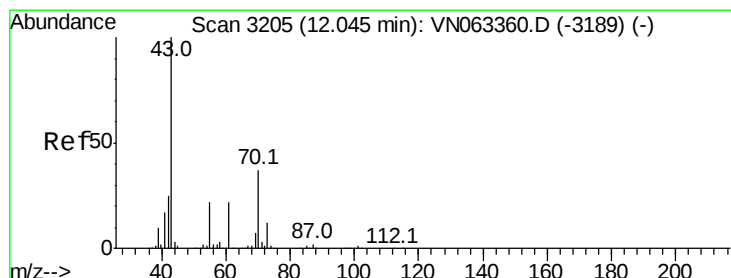
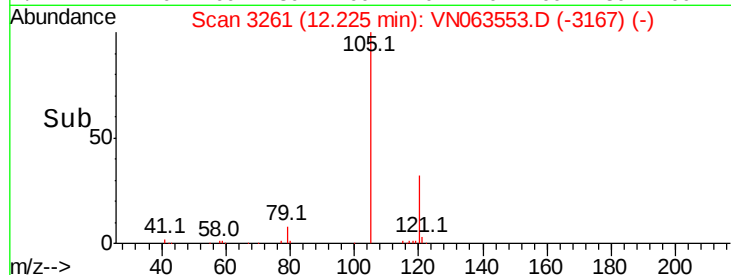
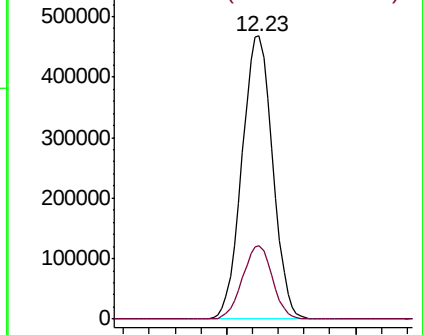
105 100

120 25.3 12.7 38.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 47.992 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. -0.00 min

Lab File: VN063553.D

Acq: 22 Sep 2020 23:41

Tgt Ion: 43 Resp: 349457

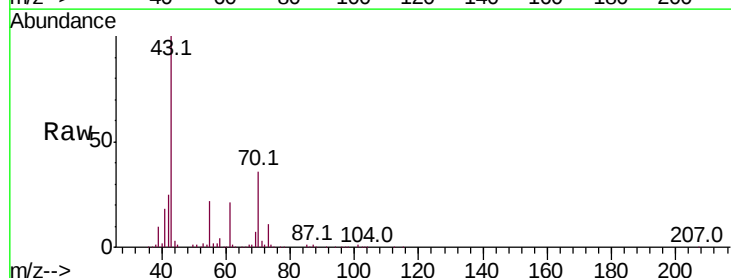
Ion Ratio Lower Upper

43 100

70 36.8 29.6 44.4

55 22.9 17.7 26.5

61 21.1 17.4 26.2

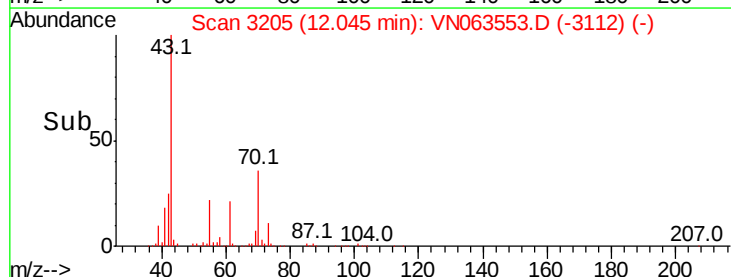
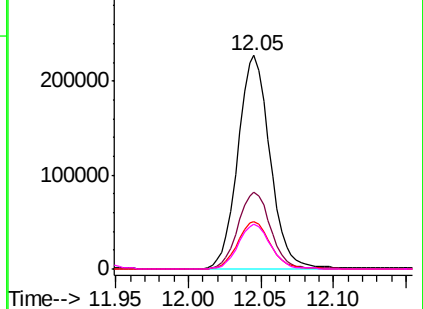


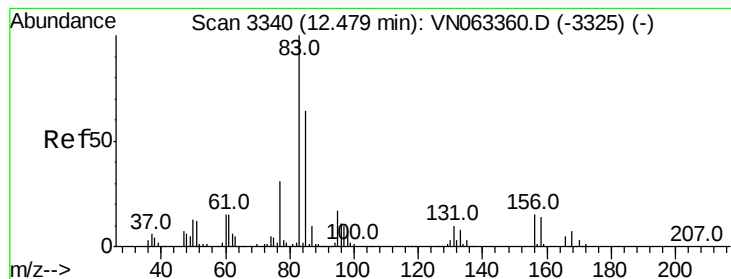
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 49.706 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. -0.00 min

Lab File: VN063553.D

Acq: 22 Sep 2020 23:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

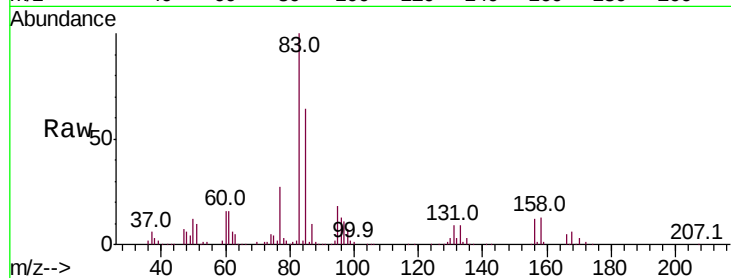
Tot Ion: 83 Resp: 236747

Ion Ratio Lower Upper

83 100

131 9.5 4.9 14.7

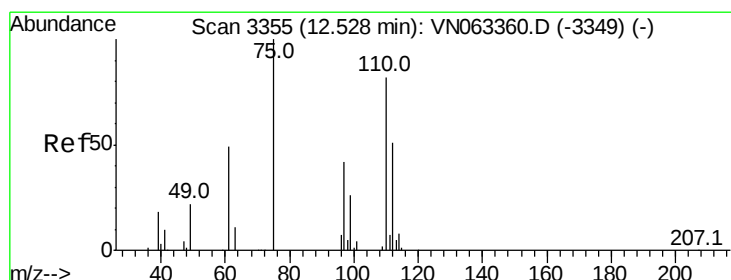
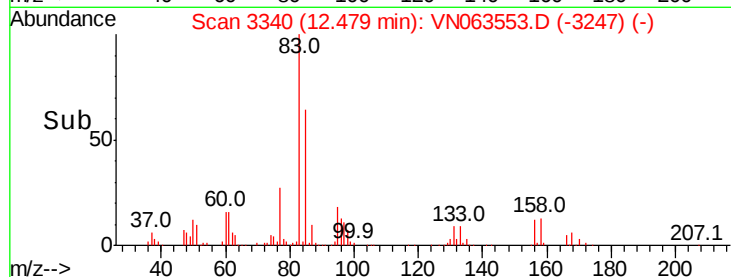
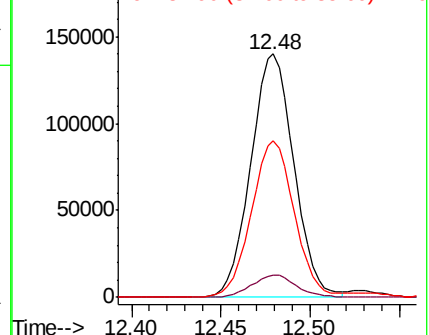
85 63.8 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VN063360.D (-3325) (-)

Ion 130.80 (130.50 to 131.50): VN063360.D (-3325) (-)

Ion 84.90 (84.60 to 85.60): VN063360.D (-3325) (-)



#76

1,2,3-Trichloropropane

Concen: 67.274 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. -0.00 min

Lab File: VN063553.D

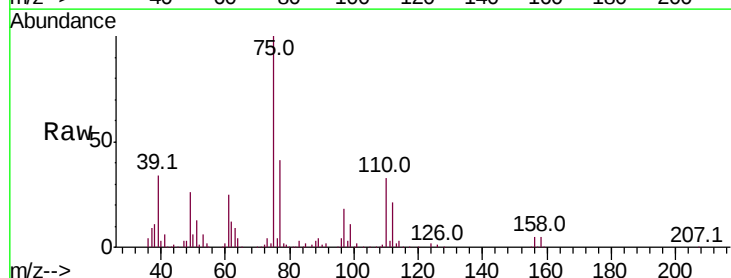
Acq: 22 Sep 2020 23:41

Tgt Ion: 75 Resp: 319634

Ion Ratio Lower Upper

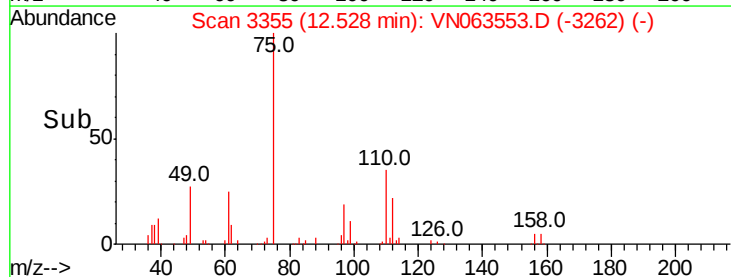
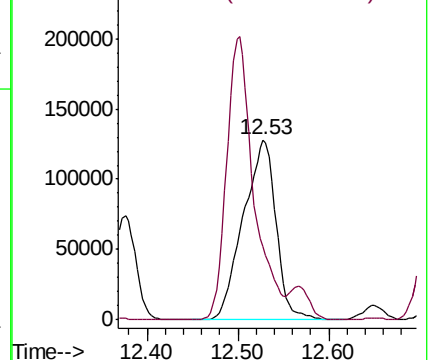
75 100

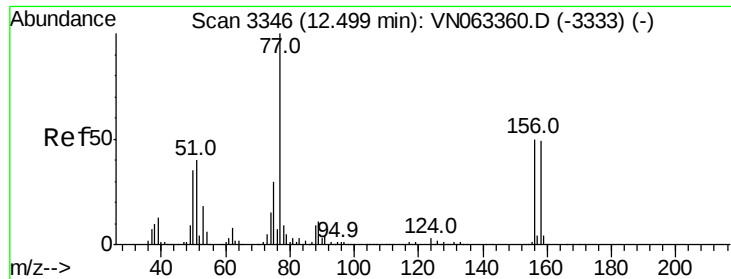
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN063360.D (-3349) (-)

Ion 77.00 (76.70 to 77.70): VN063360.D (-3349) (-)





#77

Bromobenzene

Concen: 52.046 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN063553.D

Acq: 22 Sep 2020 23:41

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

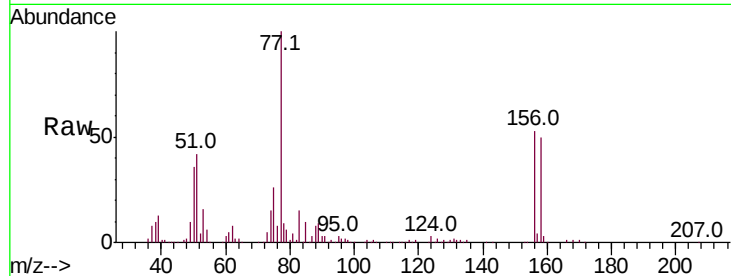
Tot Ion:156 Resp: 180088

Ion Ratio Lower Upper

156 100

77 230.8 120.2 360.6

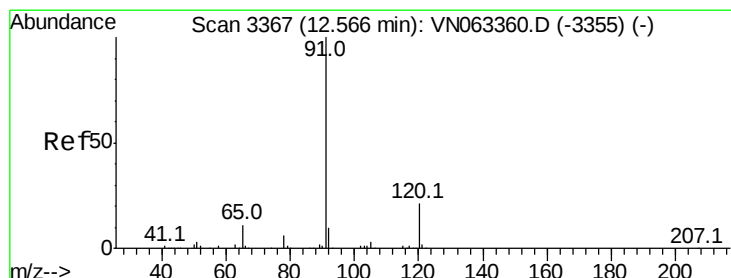
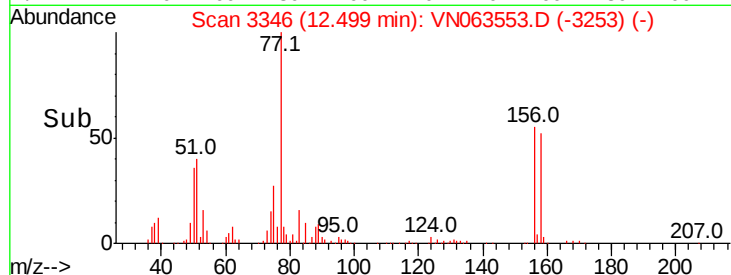
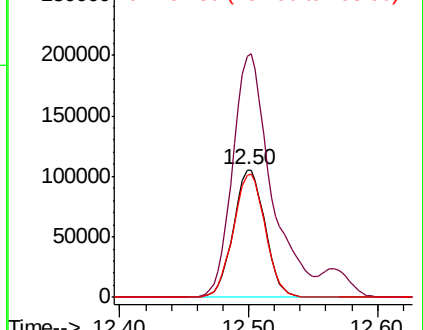
158 97.8 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.485 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063553.D

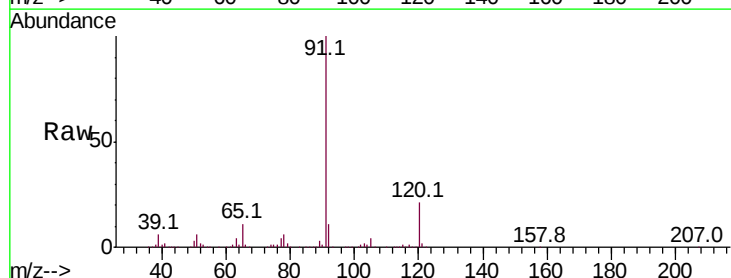
Acq: 22 Sep 2020 23:41

Tgt Ion: 91 Resp: 904513

Ion Ratio Lower Upper

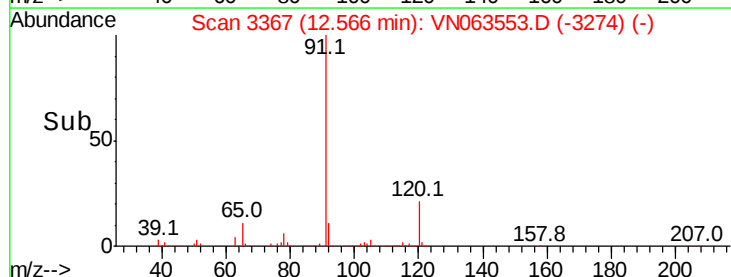
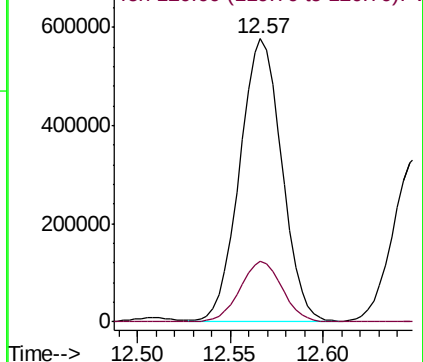
91 100

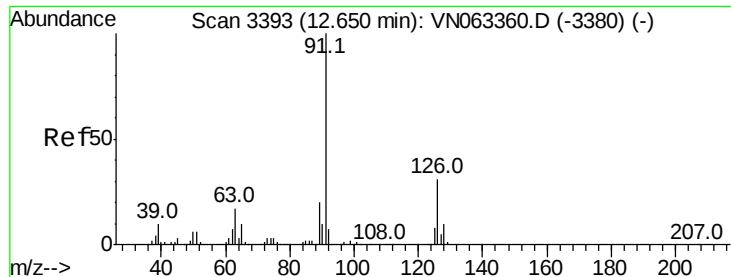
120 21.5 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

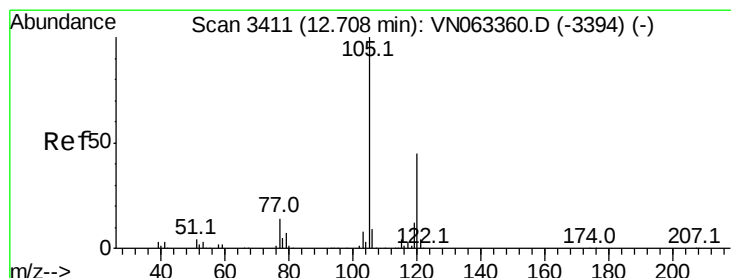
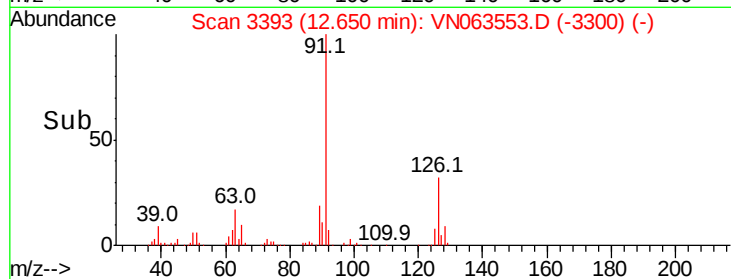
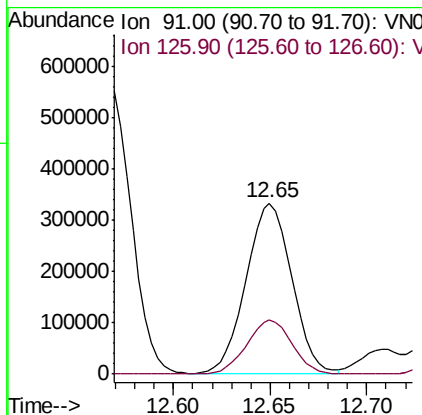
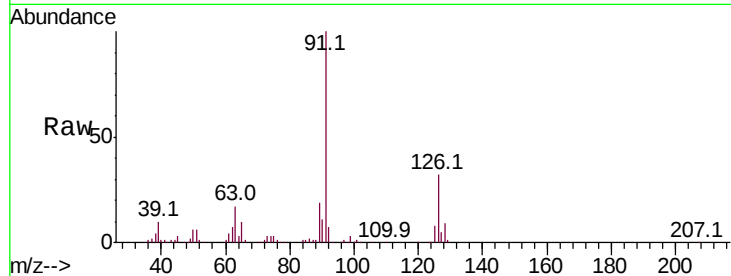




#79
 2-Chlorotoluene
 Concen: 51.089 ug/l
 RT: 12.65 min Scan# 3393
 Delta R.T. -0.00 min
 Lab File: VN063553.D
 Acq: 22 Sep 2020 23:41

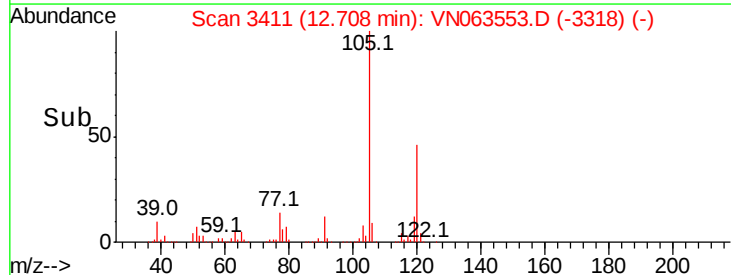
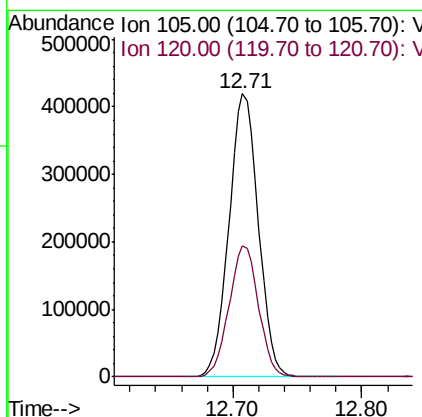
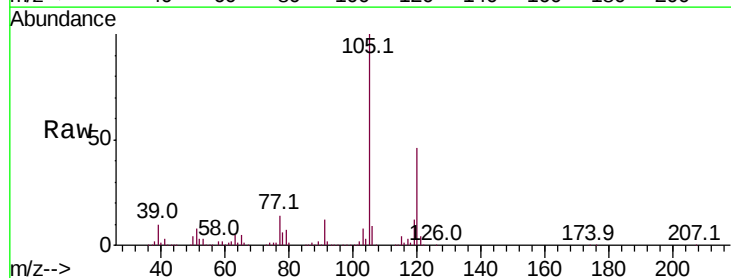
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 548691
 Ion Ratio Lower Upper
 91 100
 126 31.8 15.8 47.3



#80
 1,3,5-Trimethylbenzene
 Concen: 51.379 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. -0.00 min
 Lab File: VN063553.D
 Acq: 22 Sep 2020 23:41

Tgt Ion: 105 Resp: 659043
 Ion Ratio Lower Upper
 105 100
 120 46.5 22.9 68.8





#81

trans-1,4-Dichloro-2-butene

Concen: 43.778 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN063553.D

Acq: 22 Sep 2020 23:41

Instrument :

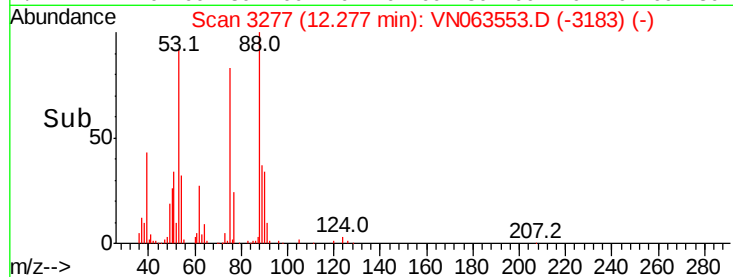
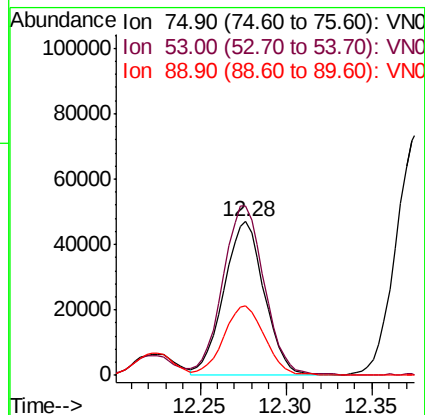
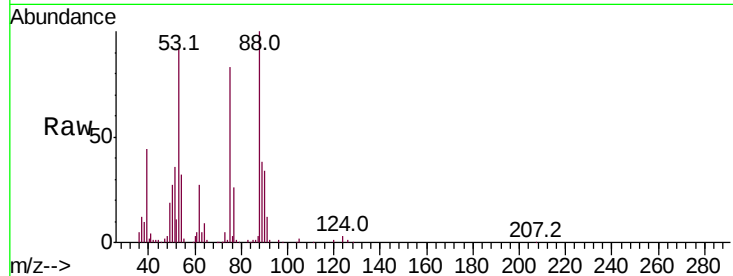
MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 75867

Ion	Ratio	Lower	Upper
75	100		
53	114.7	85.7	128.5
89	46.6	38.0	57.0



#82

4-Chlorotoluene

Concen: 50.454 ug/l

RT: 12.75 min Scan# 3423

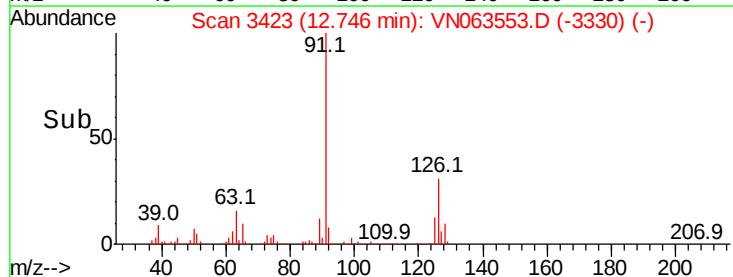
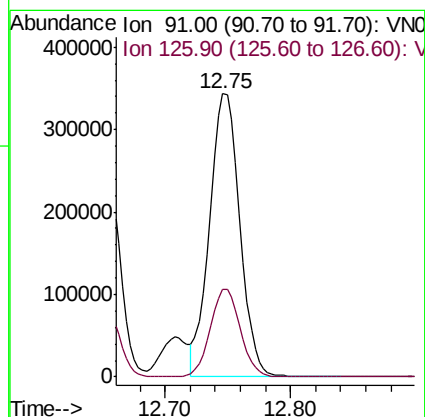
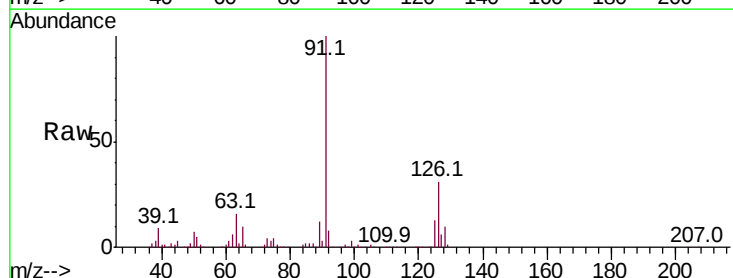
Delta R.T. -0.00 min

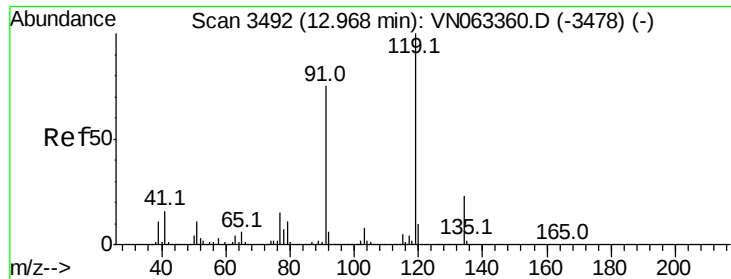
Lab File: VN063553.D

Acq: 22 Sep 2020 23:41

Tgt Ion: 91 Resp: 572534

Ion	Ratio	Lower	Upper
91	100		
126	31.1	15.5	46.5

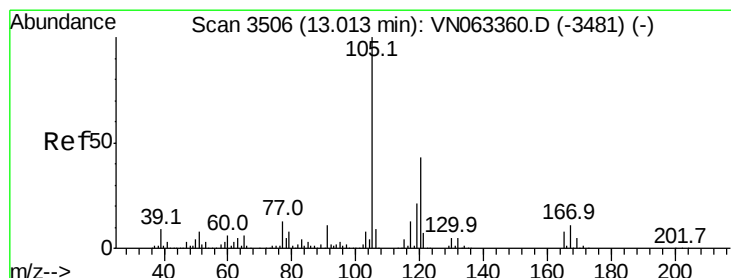
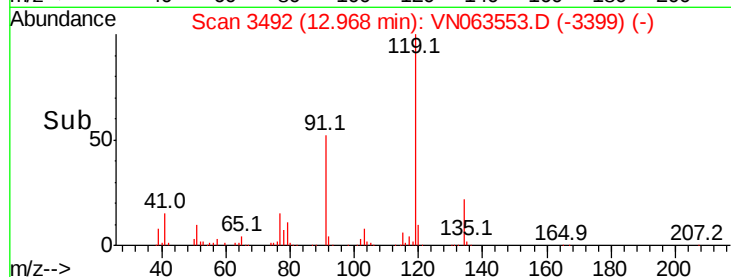
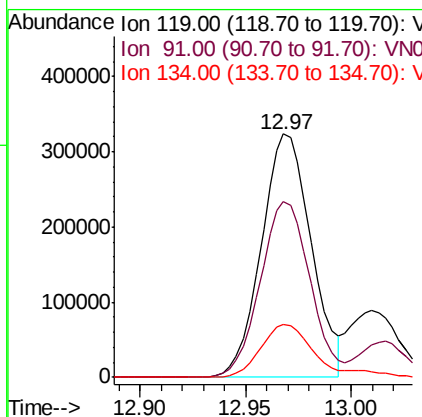
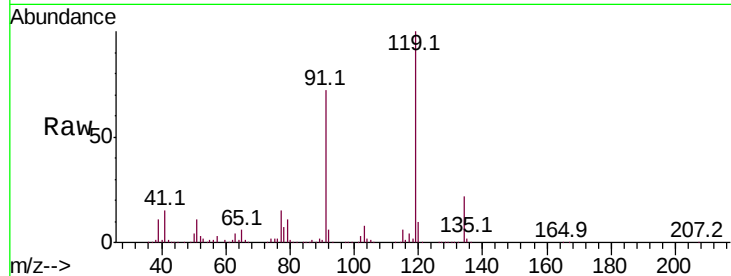




#83
tert-Butylbenzene
Concen: 50.280 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. -0.00 min
Lab File: VN063553.D
Acq: 22 Sep 2020 23:41

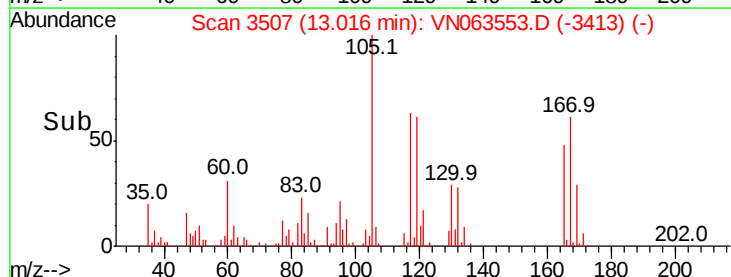
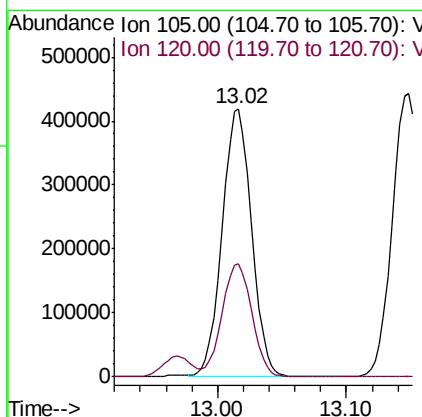
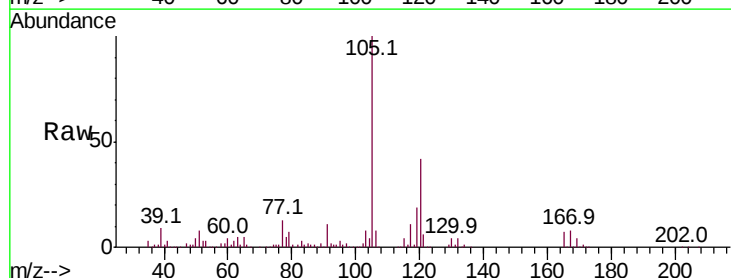
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

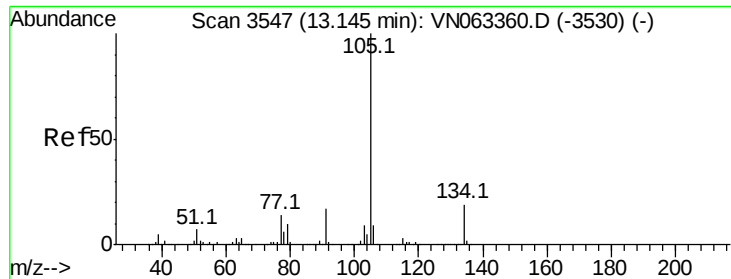
Tot Ion:119 Resp: 532294
Ion Ratio Lower Upper
119 100
91 72.0 36.3 108.9
134 24.1 12.3 36.8



#84
1,2,4-Trimethylbenzene
Concen: 51.066 ug/l
RT: 13.02 min Scan# 3507
Delta R.T. 0.00 min
Lab File: VN063553.D
Acq: 22 Sep 2020 23:41

Tgt Ion:105 Resp: 661628
Ion Ratio Lower Upper
105 100
120 42.9 21.3 63.9

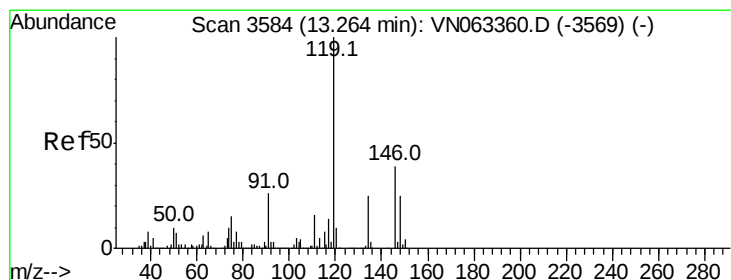
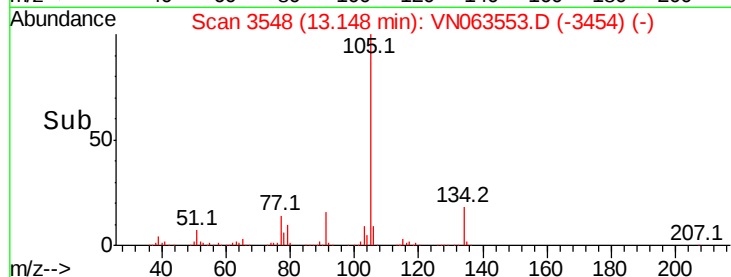
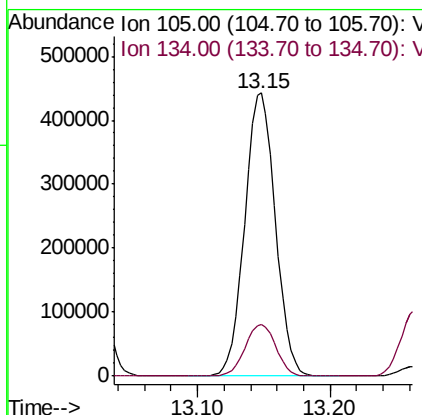
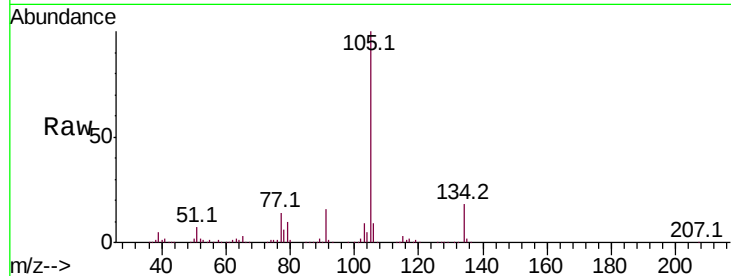




#85
 sec-Butylbenzene
 Concen: 49.894 ug/l
 RT: 13.15 min Scan# 3548
 Delta R.T. 0.00 min
 Lab File: VN063553.D
 Acq: 22 Sep 2020 23:41

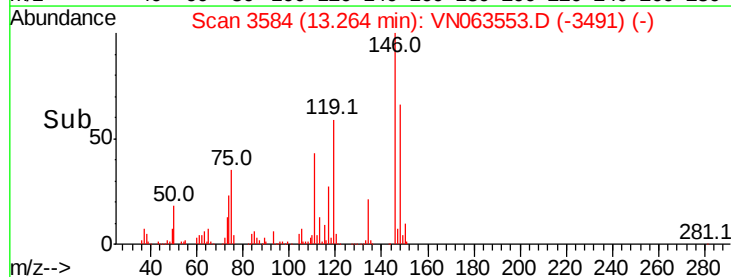
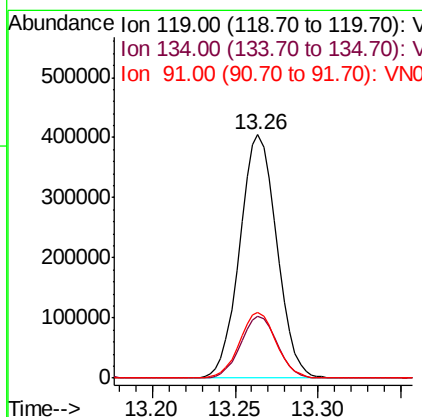
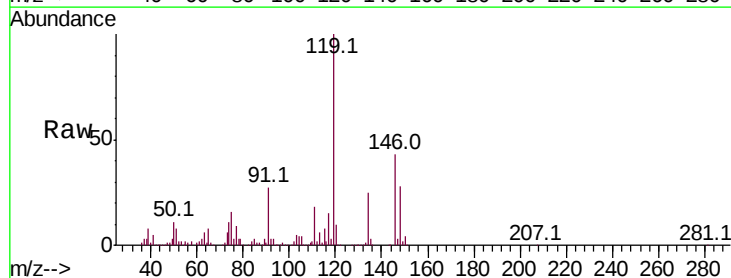
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

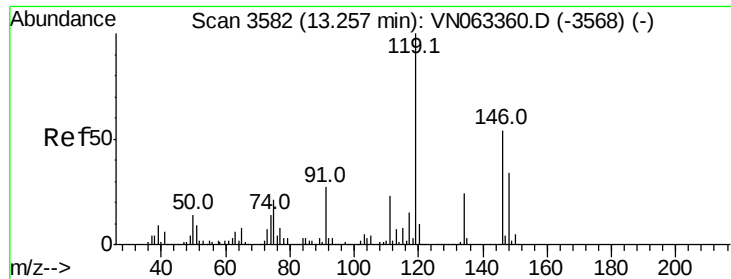
Tot Ion:105 Resp: 707039
 Ion Ratio Lower Upper
 105 100
 134 18.5 9.3 27.7



#86
 p-Isopropyltoluene
 Concen: 50.298 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. -0.00 min
 Lab File: VN063553.D
 Acq: 22 Sep 2020 23:41

Tgt Ion:119 Resp: 628677
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.5 37.5
 91 26.7 13.4 40.1





#87

1,3-Dichlorobenzene

Concen: 51.583 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. -0.00 min

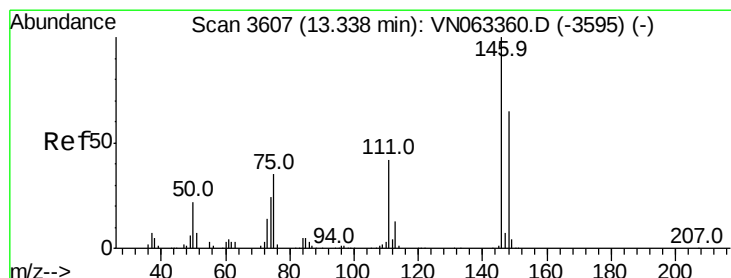
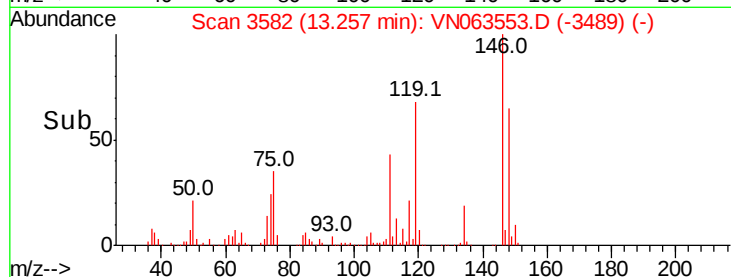
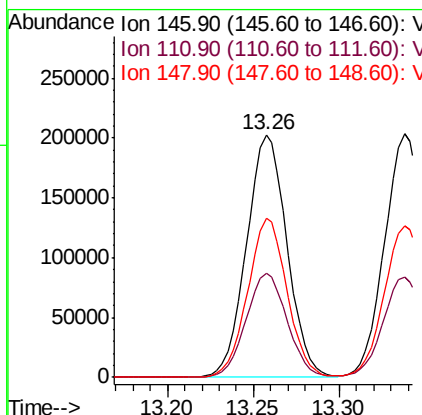
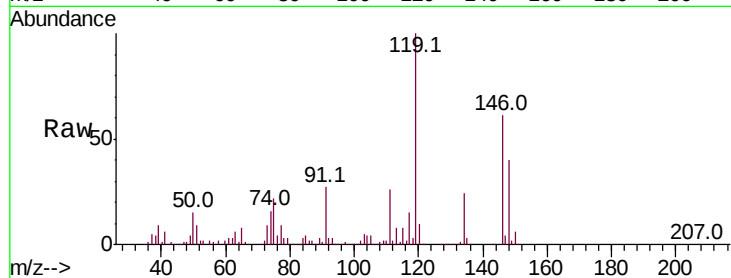
Lab File: VN063553.D

Acq: 22 Sep 2020 23:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:146 Resp: 330822

Ion	Ratio	Lower	Upper
146	100		
111	43.5	21.4	64.3
148	63.8	31.9	95.7



#88

1,4-Dichlorobenzene

Concen: 50.774 ug/l

RT: 13.34 min Scan# 3607

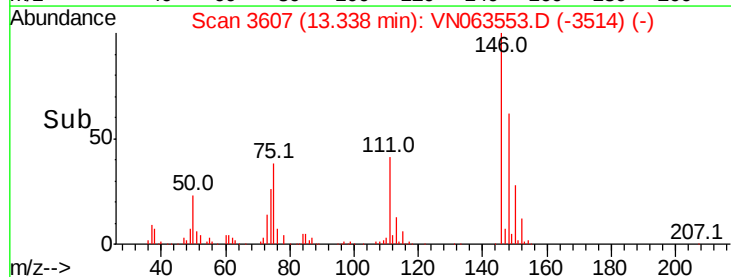
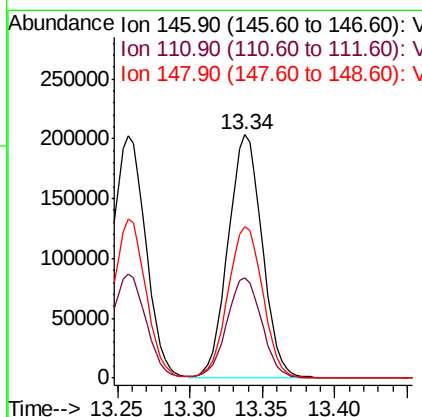
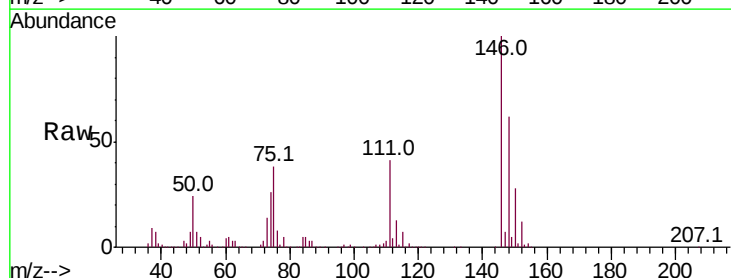
Delta R.T. -0.00 min

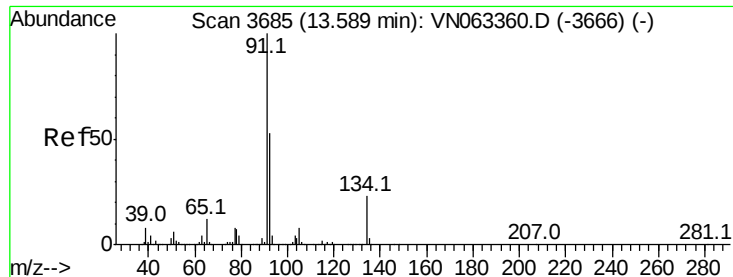
Lab File: VN063553.D

Acq: 22 Sep 2020 23:41

Tgt Ion:146 Resp: 331069

Ion	Ratio	Lower	Upper
146	100		
111	42.0	21.2	63.6
148	64.1	31.9	95.9





#89

n-Butylbenzene

Concen: 48.691 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. -0.00 min

Lab File: VN063553.D

Acq: 22 Sep 2020 23:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

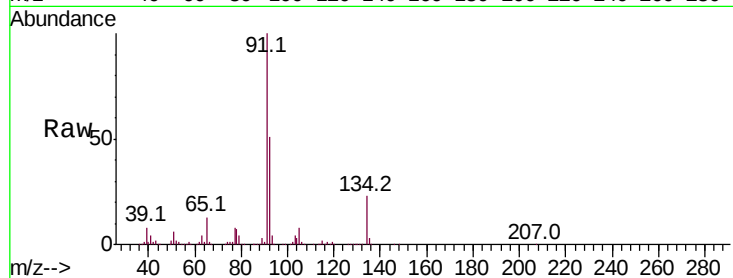
Tot Ion: 91 Resp: 560963

Ion Ratio Lower Upper

91 100

92 51.1 26.0 78.0

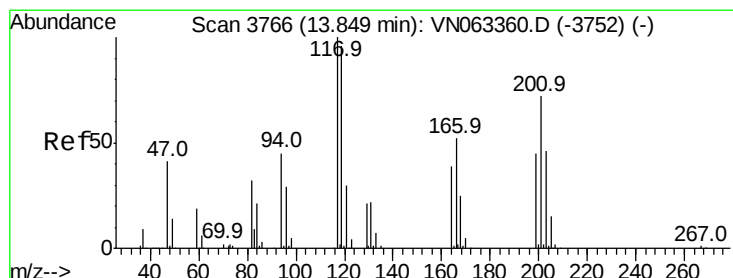
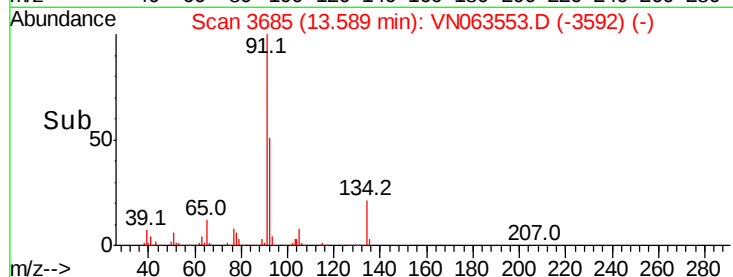
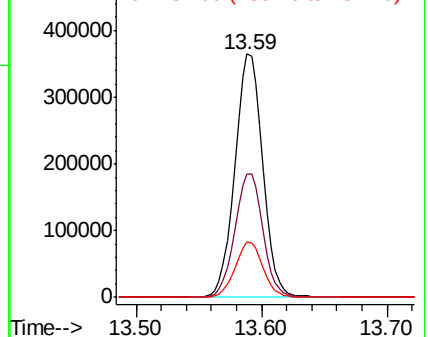
134 22.7 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VN063360.D (-3666) (-)

Ion 92.00 (91.70 to 92.70): VN063360.D (-3666) (-)

Ion 134.00 (133.70 to 134.70): VN063360.D (-3666) (-)



#90

Hexachloroethane

Concen: 47.029 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. -0.00 min

Lab File: VN063553.D

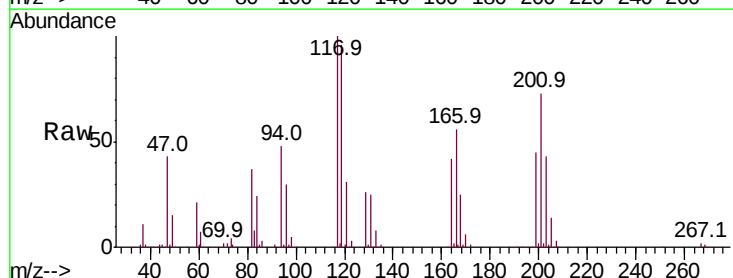
Acq: 22 Sep 2020 23:41

Tgt Ion: 117 Resp: 111928

Ion Ratio Lower Upper

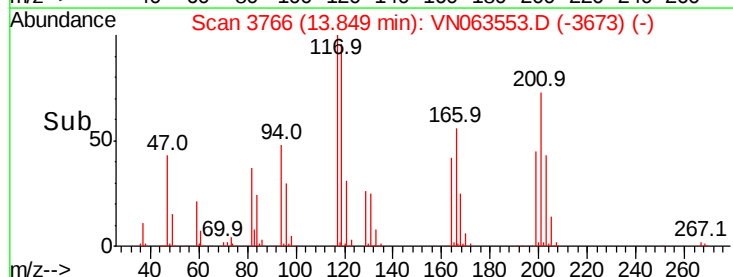
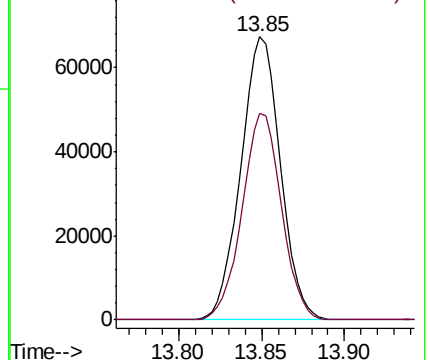
117 100

201 72.5 35.5 106.7



Abundance Ion 116.80 (116.50 to 117.50): VN063360.D (-3752) (-)

Ion 200.70 (200.40 to 201.40): VN063360.D (-3752) (-)

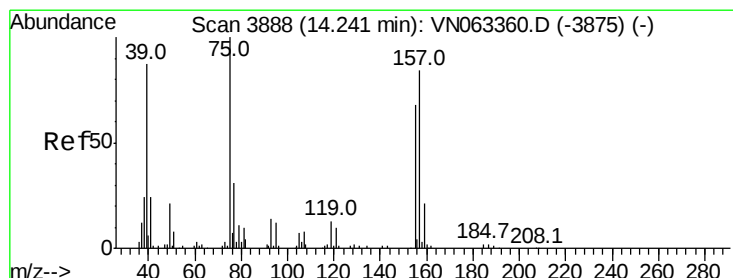
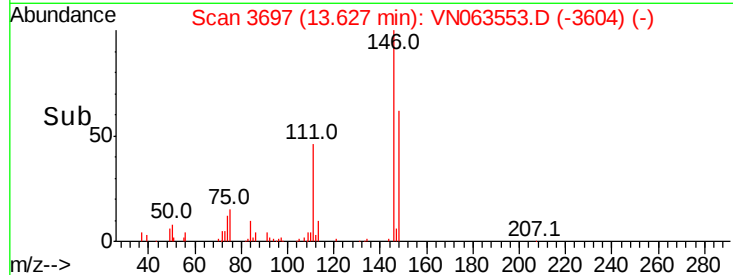
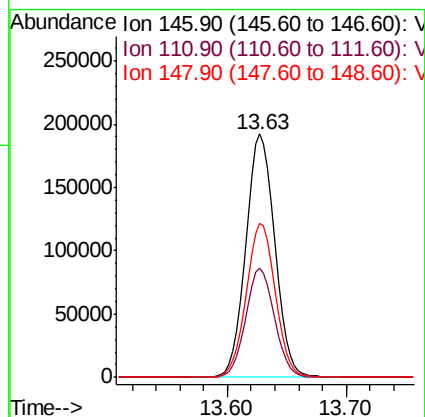
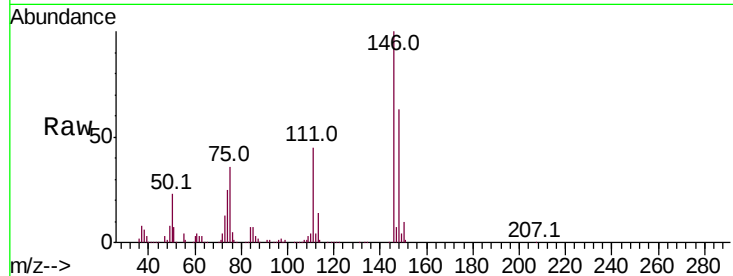




#91
 1,2-Dichlorobenzene
 Concen: 51.499 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. -0.00 min
 Lab File: VN063553.D
 Acq: 22 Sep 2020 23:41

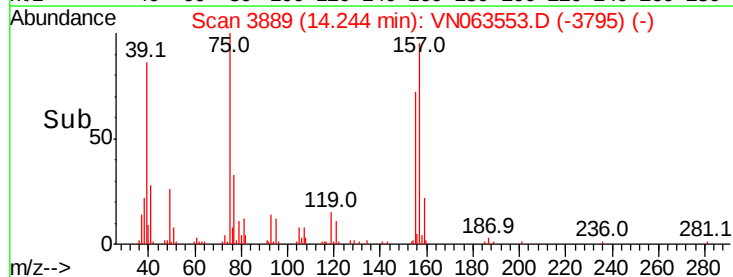
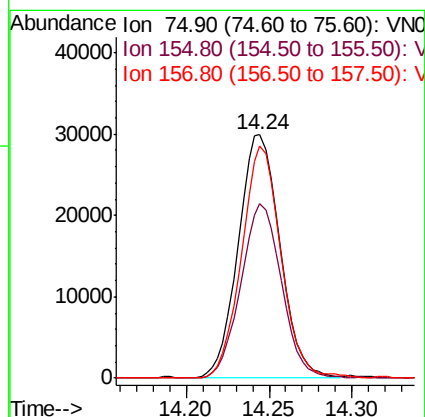
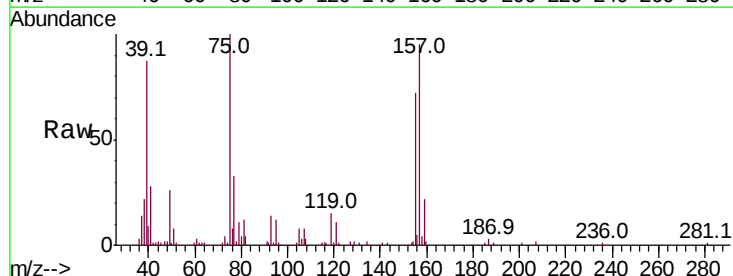
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

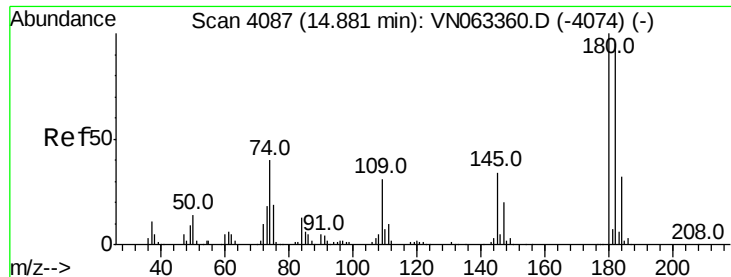
Tot Ion	Ratio	Lower	Upper
146	100		
111	44.5	22.4	67.2
148	63.2	32.0	96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.309 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN063553.D
 Acq: 22 Sep 2020 23:41

Tgt Ion	Ratio	Lower	Upper
75	100		
155	69.6	34.6	103.9
157	89.8	43.7	131.1

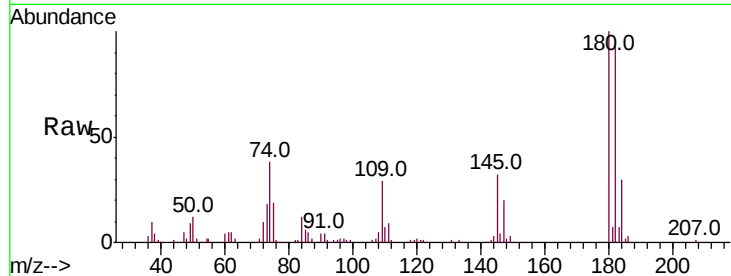




#93
 1,2,4-Trichlorobenzene
 Concen: 47.832 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN063553.D
 Acq: 22 Sep 2020 23:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.3	142.0
145	32.8	16.6	49.7

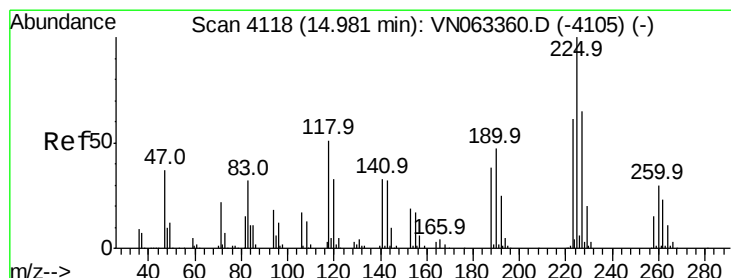
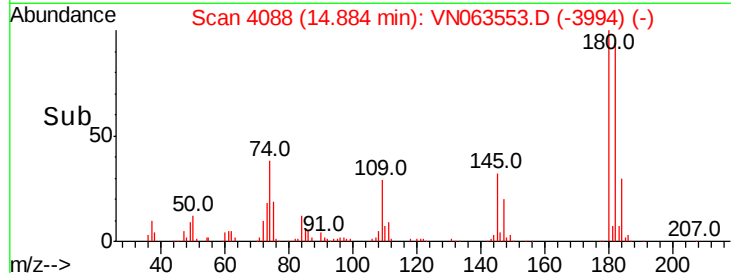
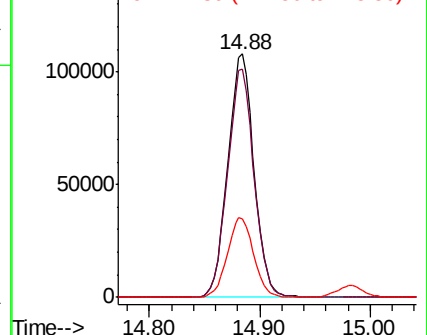


Abundance

Ion 179.80 (179.50 to 180.50): V

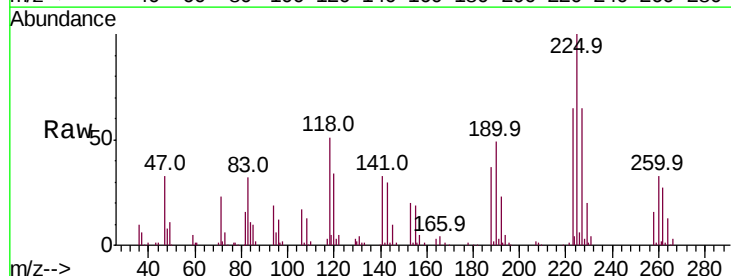
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 52.447 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN063553.D
 Acq: 22 Sep 2020 23:41

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	30.6	91.6
227	64.5	31.2	93.6

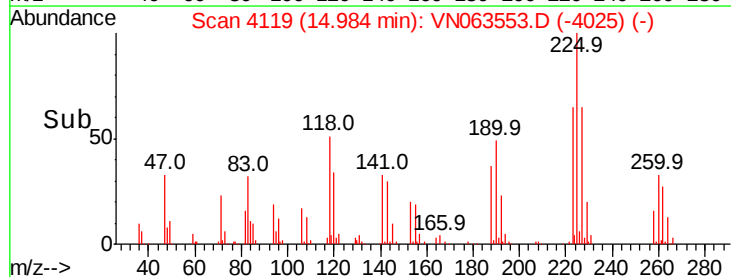
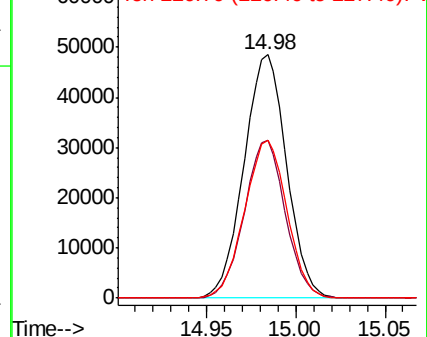


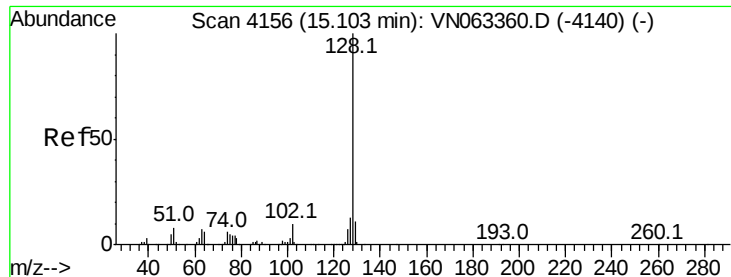
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 47.752 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. -0.00 min

Lab File: VN063553.D

Acq: 22 Sep 2020 23:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

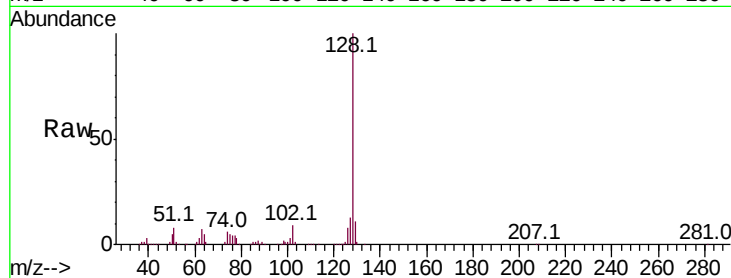
Tot Ion:128 Resp: 585622

Ion Ratio Lower Upper

128 100

127 13.1 10.6 15.8

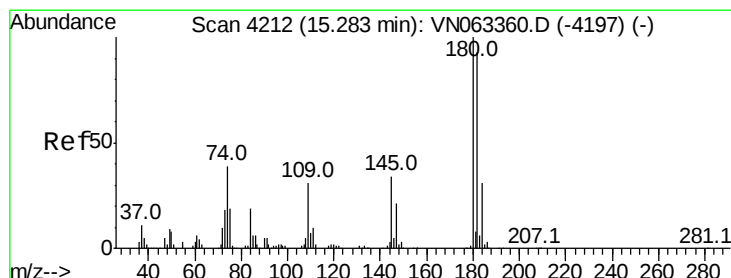
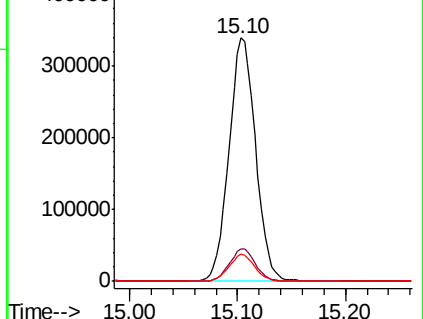
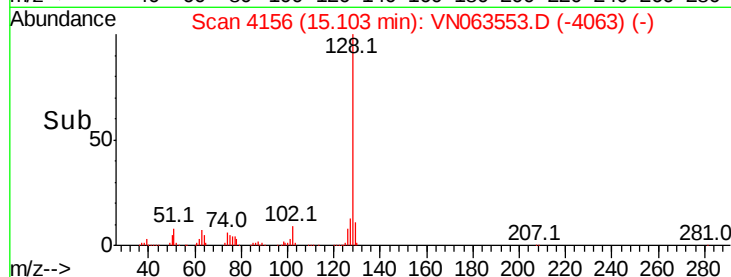
129 10.7 8.8 13.2



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: 48.432 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. -0.00 min

Lab File: VN063553.D

Acq: 22 Sep 2020 23:41

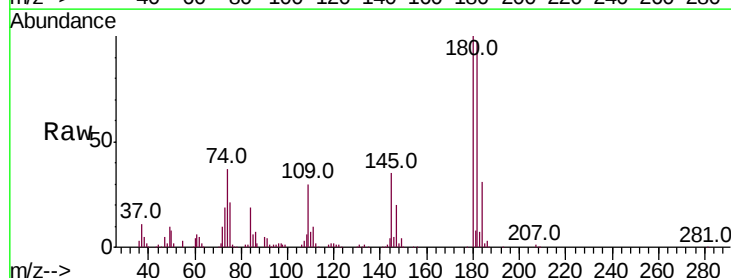
Tgt Ion:180 Resp: 173707

Ion Ratio Lower Upper

180 100

182 96.0 46.7 140.1

145 34.6 16.8 50.3



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

