

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092120\
 Data File : VN063524.D
 Acq On : 22 Sep 2020 7:41
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 22 08:00:16 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	245672	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	448903	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	418230	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	198871	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	209572	50.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.22%	
35) Dibromofluoromethane	7.55	113	148747	47.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.72%	
50) Toluene-d8	10.06	98	556296	47.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.22%	
62) 4-Bromofluorobenzene	12.38	95	215775	50.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.74%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	130938	47.045	ug/l	99
3) Chloromethane	2.04	50	164666	44.723	ug/l	99
4) Vinyl Chloride	2.16	62	164543	50.440	ug/l	99
5) Bromomethane	2.52	94	103310	53.339	ug/l	98
6) Chloroethane	2.67	64	99162	49.521	ug/l	99
7) Trichlorofluoromethane	2.98	101	253575	52.100	ug/l	98
8) Diethyl Ether	3.37	74	95725	50.453	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	131862	48.175	ug/l	99
10) Methyl Iodide	3.91	142	184102	51.662	ug/l	98
11) Tert butyl alcohol	4.73	59	147983	255.428	ug/l #	85
12) 1,1-Dichloroethene	3.69	96	136985	49.411	ug/l	97
13) Acrolein	3.57	56	88170	410.666	ug/l	95
14) Allyl chloride	4.28	41	254578	46.423	ug/l	99
15) Acrylonitrile	4.93	53	391239	265.484	ug/l	99
16) Acetone	3.77	43	360074	267.908	ug/l	100
17) Carbon Disulfide	4.01	76	367070	45.519	ug/l	98
18) Methyl Acetate	4.28	43	185510	54.370	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	507810	49.146	ug/l	98
20) Methylene Chloride	4.50	84	163852	48.118	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	145502	47.370	ug/l	98
22) Diisopropyl ether	5.90	45	549966	49.174	ug/l	99
23) Vinyl Acetate	5.84	43	2319801	252.559	ug/l	99
24) 1,1-Dichloroethane	5.80	63	297329	48.694	ug/l	99
25) 2-Butanone	6.78	43	551430	266.768	ug/l	98
26) 2,2-Dichloropropane	6.78	77	182084	33.870	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	175072	50.357	ug/l	96
28) Bromochloromethane	7.15	49	145533	51.620	ug/l	96
29) Tetrahydrofuran	7.16	42	364838	258.427	ug/l	99
30) Chloroform	7.33	83	307527	50.199	ug/l	100
31) Cyclohexane	7.61	56	247974	42.933	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	273303	50.159	ug/l	99
36) 1,1-Dichloropropene	7.75	75	223182	46.667	ug/l	100
37) Ethyl Acetate	6.88	43	227338	48.434	ug/l	98
38) Carbon Tetrachloride	7.73	117	231854	47.492	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	213247	41.084	ug/l	99
40) Benzene	8.00	78	648341	47.491	ug/l	97
41) Methacrylonitrile	7.13	41	106451	50.425	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	263736	48.038	ug/l	99
43) Isopropyl Acetate	8.13	43	395994	47.182	ug/l	98
44) Trichloroethene	8.80	130	165017	49.835	ug/l	96
45) 1,2-Dichloropropane	9.08	63	178130	47.907	ug/l	100
46) Dibromomethane	9.17	93	121354	49.657	ug/l	99
47) Bromodichloromethane	9.37	83	246965	48.644	ug/l	99
48) Methyl methacrylate	9.16	41	195912	47.511	ug/l	97
49) 1,4-Dioxane	9.16	88	57282	968.018	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	1213980	258.368	ug/l	100
52) Toluene	10.12	92	406116	49.478	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	254098	44.831	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	268106	44.845	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	164086	50.329	ug/l	98
56) Ethyl methacrylate	10.40	69	255973	50.292	ug/l	97
57) 1,3-Dichloropropane	10.68	76	280035	47.630	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	642127	240.501	ug/l	98
59) 2-Hexanone	10.72	43	896177	263.269	ug/l	99
60) Dibromochloromethane	10.87	129	183446	49.805	ug/l	98
61) 1,2-Dibromoethane	10.98	107	168253	49.673	ug/l	97
64) Tetrachloroethene	10.60	164	144069	50.589	ug/l	98
65) Chlorobenzene	11.41	112	419979	47.306	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	160370	49.280	ug/l	98
67) Ethyl Benzene	11.48	91	797097	47.677	ug/l	100
68) m/p-Xylenes	11.59	106	583762	96.843	ug/l	98
69) o-Xylene	11.92	106	282276	49.158	ug/l	99
70) Styrene	11.94	104	487299	50.604	ug/l	99
71) Bromoform	12.10	173	121137	49.967	ug/l #	99
73) Isopropylbenzene	12.22	105	753625	47.290	ug/l	100
74) N-amyl acetate	12.05	43	359399	47.642	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	237821	48.196	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	322889	65.597	ug/l #	100
77) Bromobenzene	12.50	156	177202	49.432	ug/l	97
78) n-propylbenzene	12.57	91	873743	47.073	ug/l	100
79) 2-Chlorotoluene	12.65	91	535011	48.084	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	632135	47.569	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	74850	41.690	ug/l	98
82) 4-Chlorotoluene	12.75	91	557369	47.411	ug/l	99
83) tert-Butylbenzene	12.97	119	519476	47.363	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	645635	48.099	ug/l	100
85) sec-Butylbenzene	13.14	105	674473	45.941	ug/l	99
86) p-Isopropyltoluene	13.26	119	598310	46.205	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	317529	47.790	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	322363	47.720	ug/l	100
89) n-Butylbenzene	13.59	91	528034	44.240	ug/l	98
90) Hexachloroethane	13.85	117	112229	45.516	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	315226	48.324	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	56362	47.967	ug/l	98

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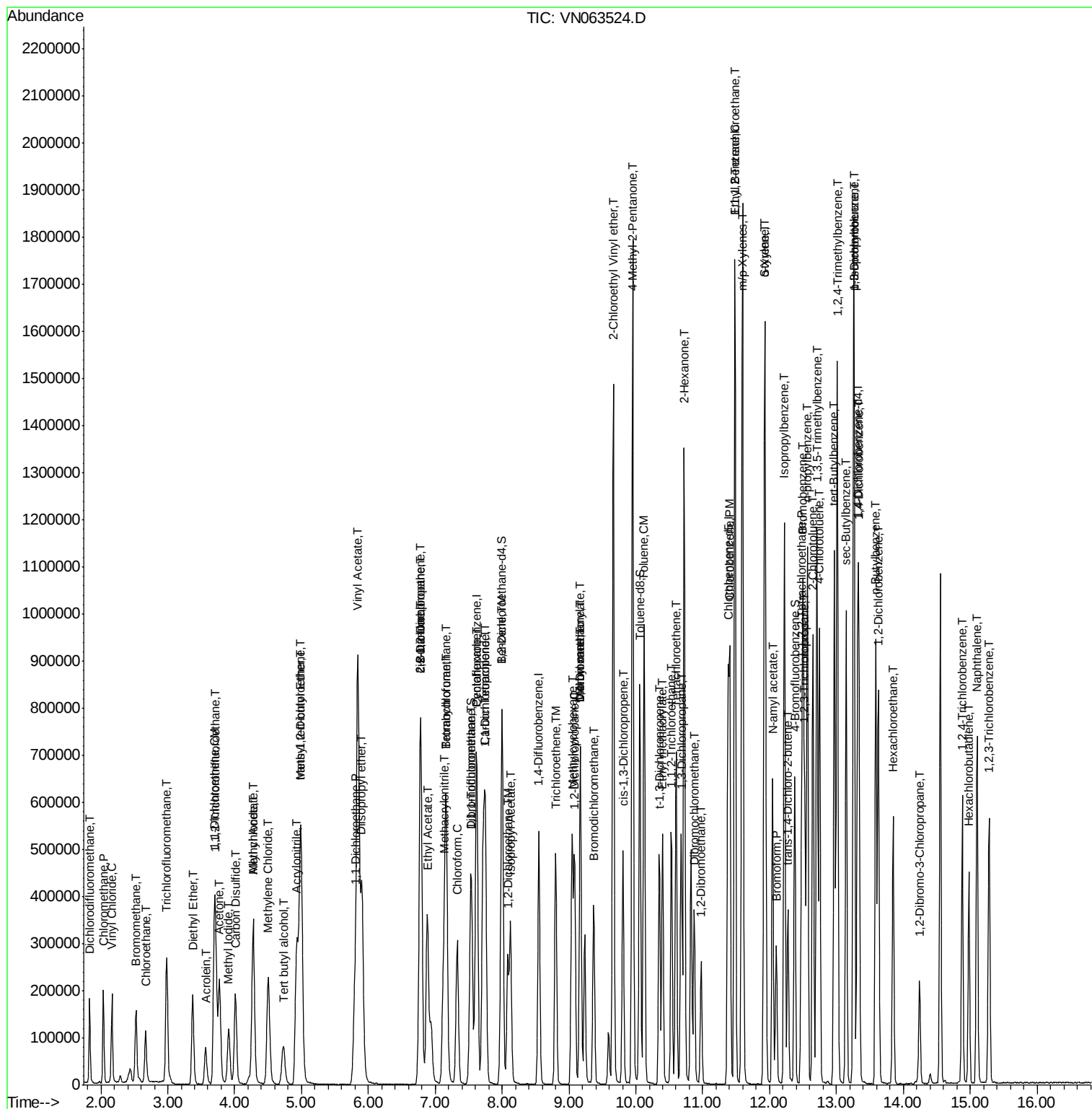
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	170603	44.362	ug/l	99
94) Hexachlorobutadiene	14.98	225	76368	47.968	ug/l	99
95) Naphthalene	15.10	128	600029	47.227	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	170202	45.806	ug/l	99

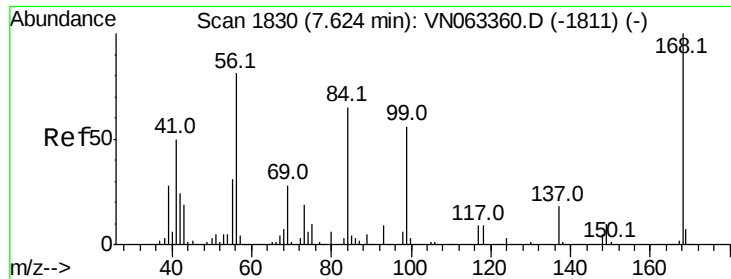
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092120\
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063524.D

Acq: 22 Sep 2020 7:41

Instrument :

MSVOA_N

ClientSampleId :

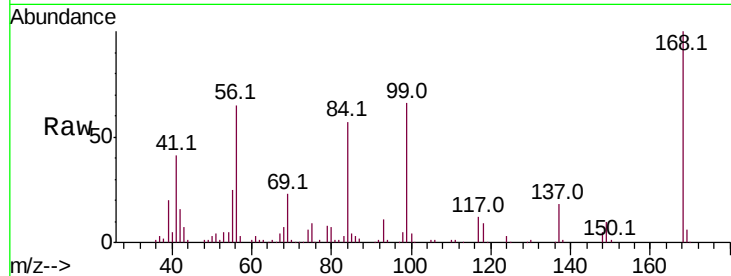
VSTDCCC050EC

Tot Ion:168 Resp: 245672

Ion Ratio Lower Upper

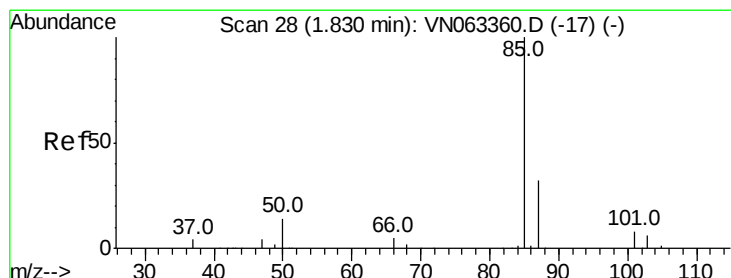
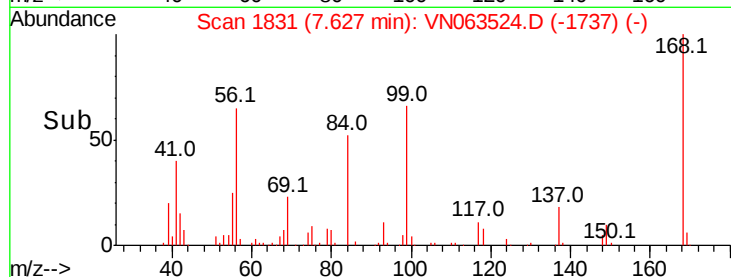
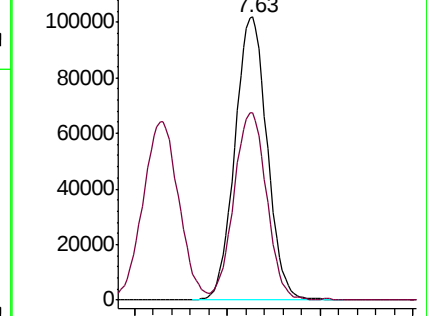
168 100

99 65.8 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: 47.045 ug/l

RT: 1.83 min Scan# 28

Delta R.T. -0.00 min

Lab File: VN063524.D

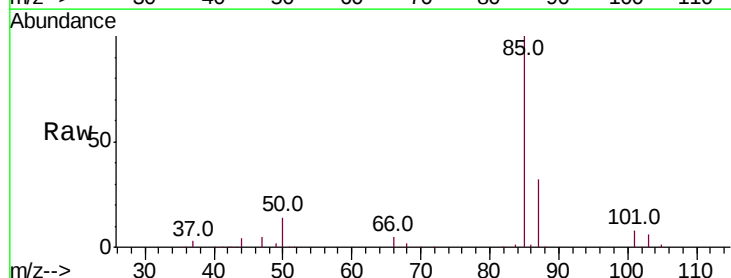
Acq: 22 Sep 2020 7:41

Tgt Ion: 85 Resp: 130938

Ion Ratio Lower Upper

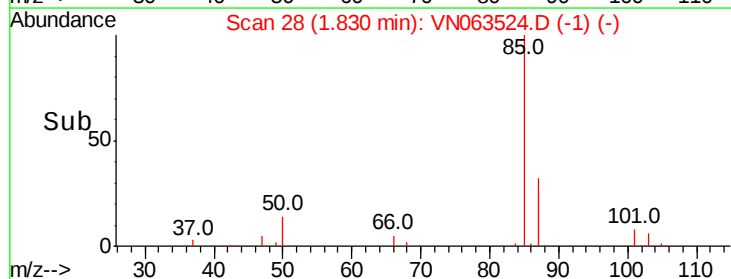
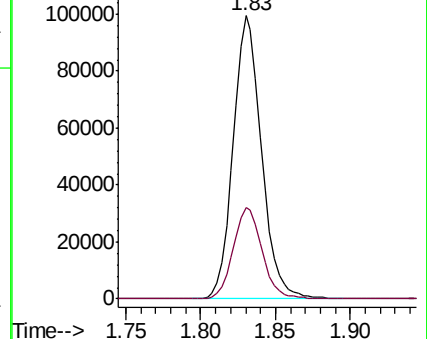
85 100

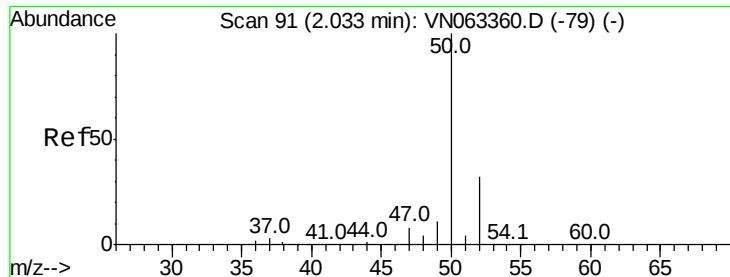
87 32.3 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 44.723 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063524.D

Acq: 22 Sep 2020 7:41

Instrument :

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ClientSampleId :

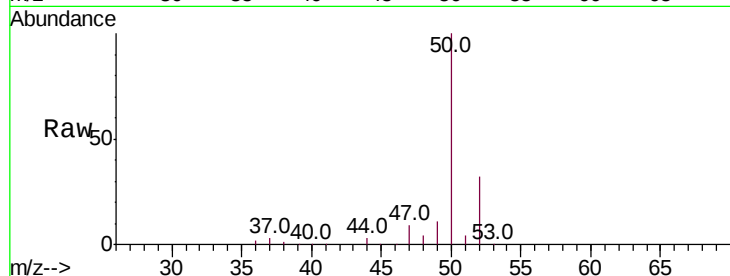
VSTDCCC050EC

Tot Ion: 50 Resp: 164666

Ion Ratio Lower Upper

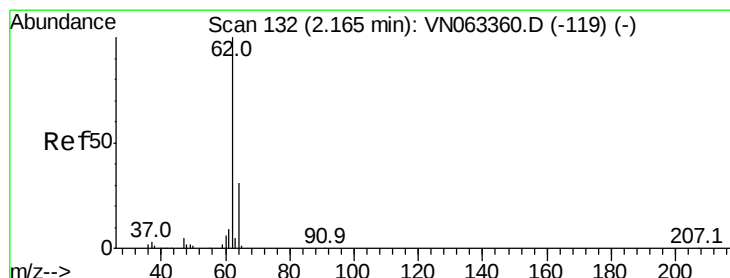
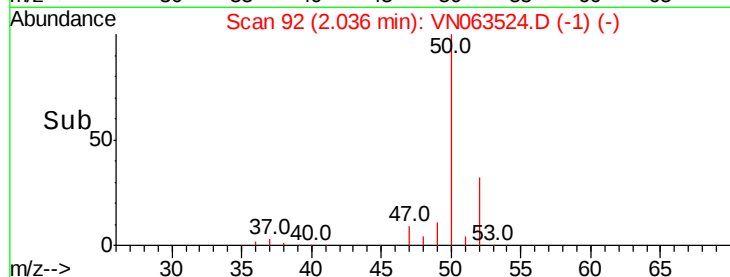
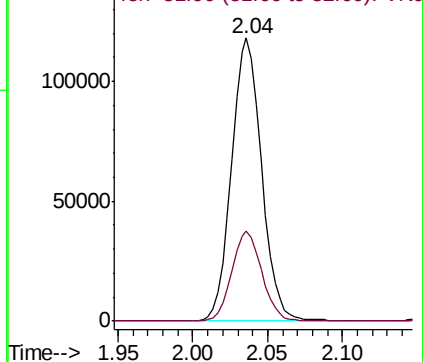
50 100

52 32.0 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 50.440 ug/l

RT: 2.16 min Scan# 132

Delta R.T. -0.00 min

Lab File: VN063524.D

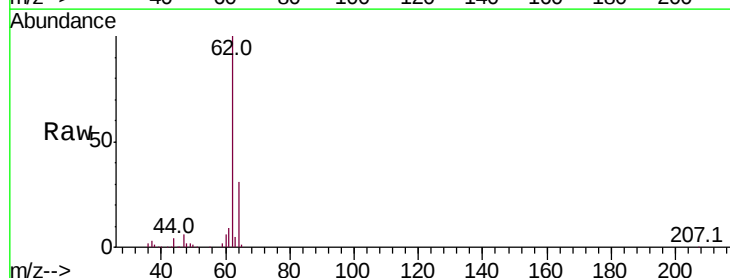
Acq: 22 Sep 2020 7:41

Tgt Ion: 62 Resp: 164543

Ion Ratio Lower Upper

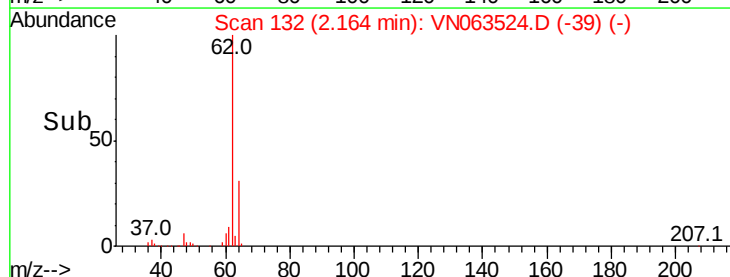
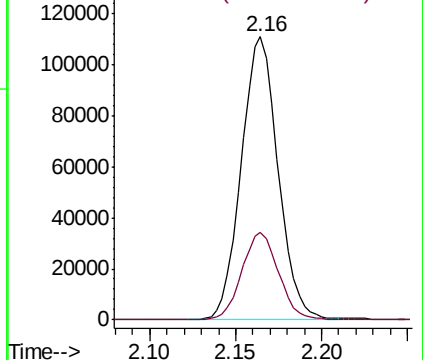
62 100

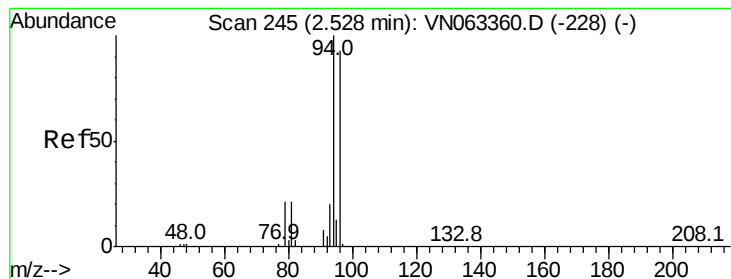
64 30.8 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 53.339 ug/l

RT: 2.52 min Scan# 244

Delta R.T. -0.00 min

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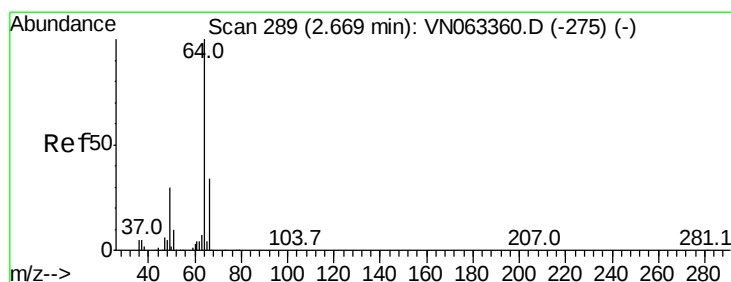
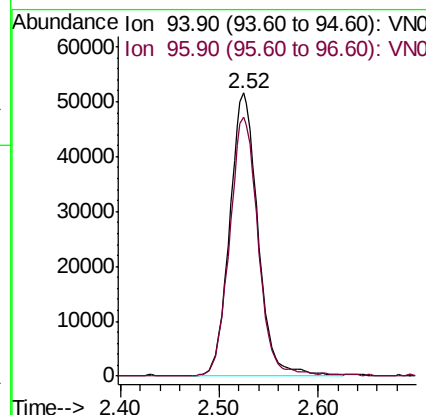
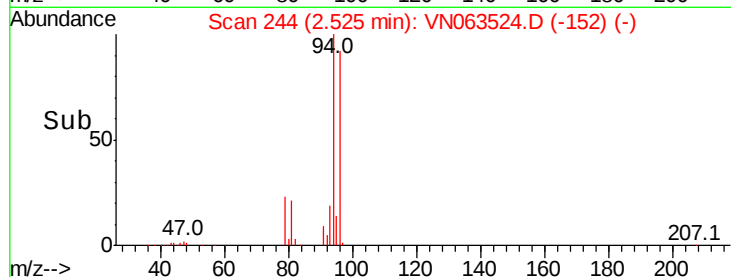
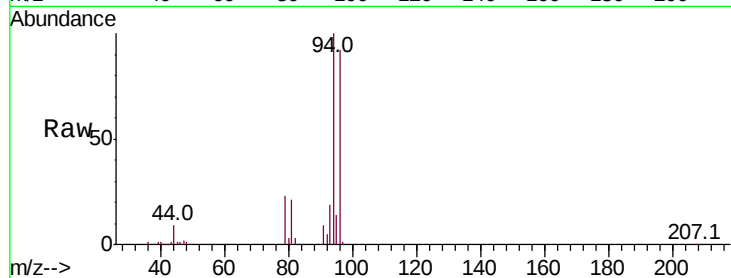
VSTDCCC050EC

Tot Ion: 94 Resp: 103310

Ion Ratio Lower Upper

94 100

96 91.6 74.5 111.7



#6

Chloroethane

Concen: 49.521 ug/l

RT: 2.67 min Scan# 289

Delta R.T. -0.00 min

Lab File: VN063524.D

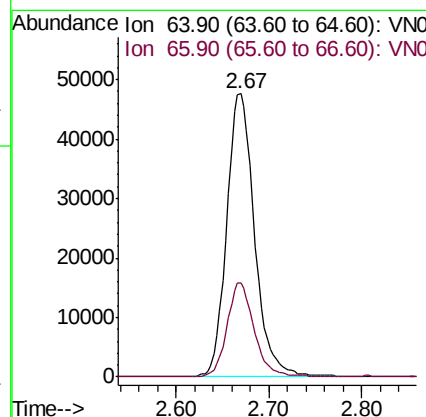
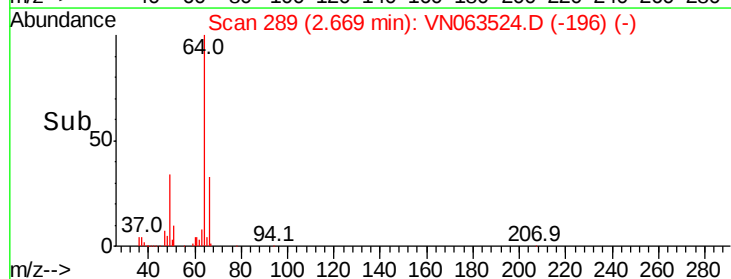
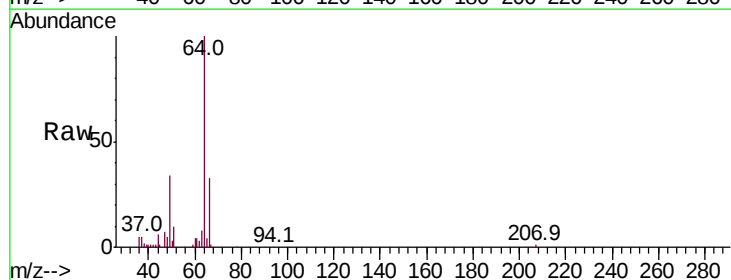
Acq: 22 Sep 2020 7:41

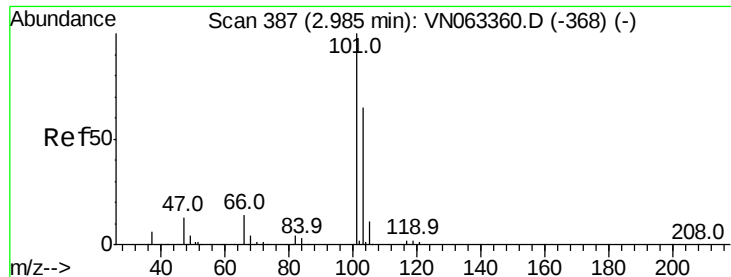
Tgt Ion: 64 Resp: 99162

Ion Ratio Lower Upper

64 100

66 33.0 26.9 40.3



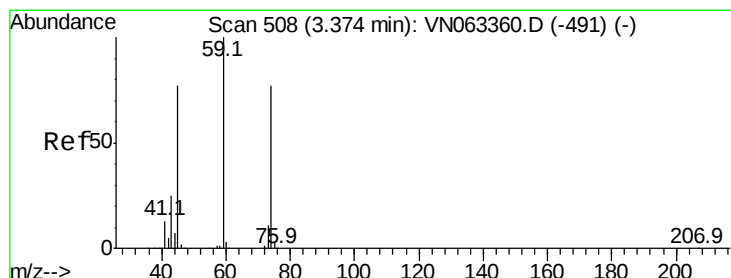
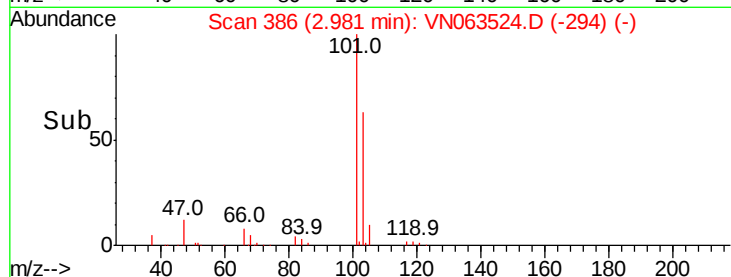
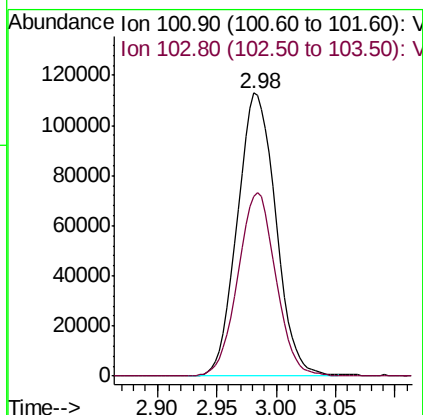
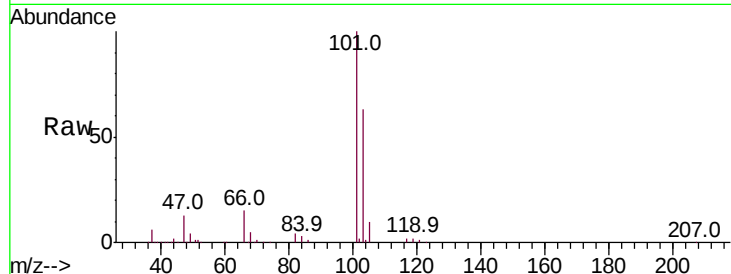


#7

Trichlorofluoromethane
 Concen: 52.100 ug/l
 RT: 2.98 min Scan# 386
 Delta R.T. -0.00 min
 Lab File: VN063524.D
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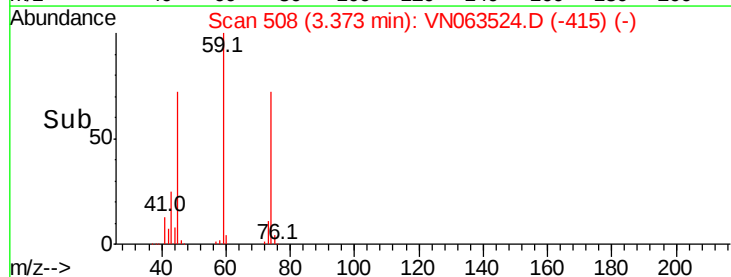
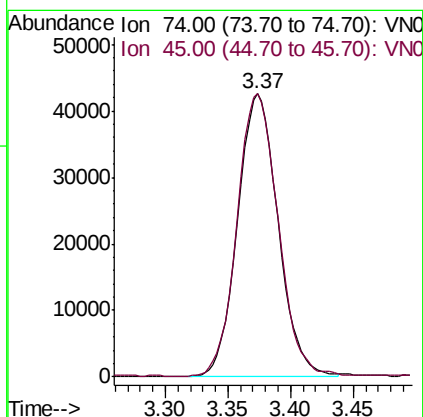
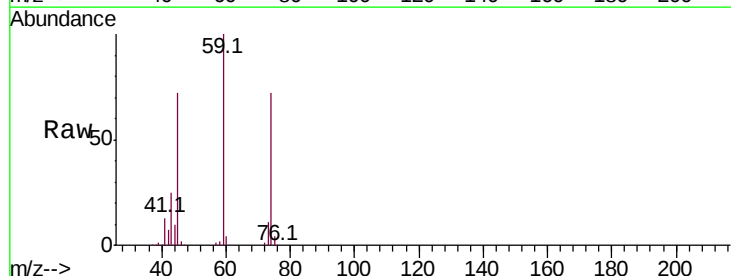
Tot Ion:101 Resp: 253575
 Ion Ratio Lower Upper
 101 100
 103 63.5 52.3 78.5

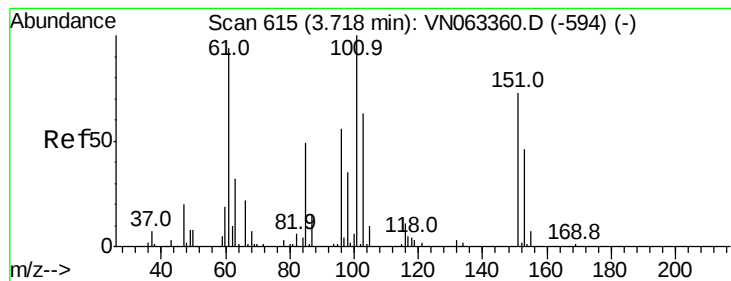


#8

Diethyl Ether
 Concen: 50.453 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN063524.D
 Acq: 22 Sep 2020 7:41

Tgt Ion: 74 Resp: 95725
 Ion Ratio Lower Upper
 74 100
 45 101.7 52.1 156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.175 ug/l

RT: 3.72 min Scan# 615

Delta R.T. -0.00 min

Lab File: VN063524.D

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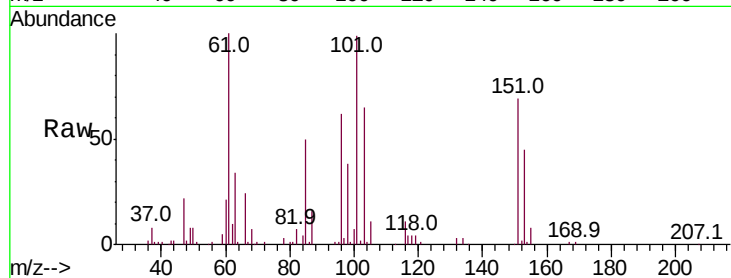
Tot Ion:101 Resp: 131862

Ion Ratio Lower Upper

101 100

85 48.1 37.7 56.5

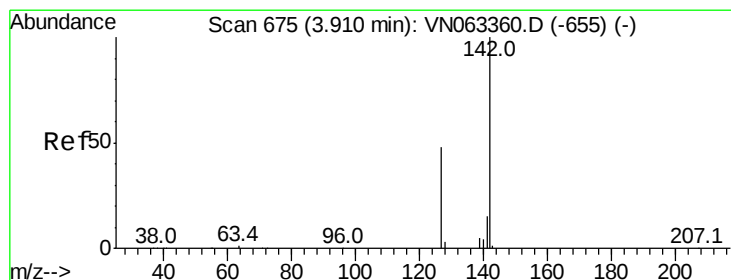
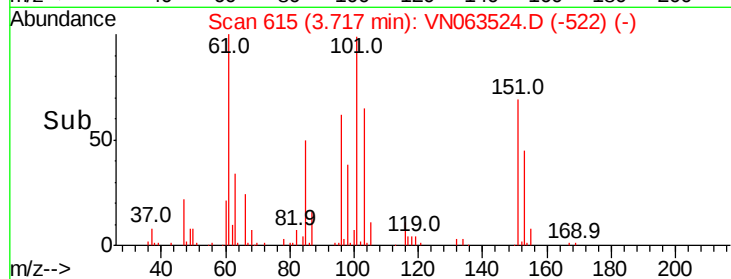
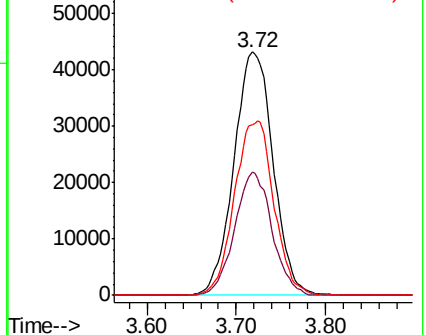
151 71.8 57.7 86.5



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: 51.662 ug/l

RT: 3.91 min Scan# 675

Delta R.T. -0.00 min

Lab File: VN063524.D

Acq: 22 Sep 2020 7:41

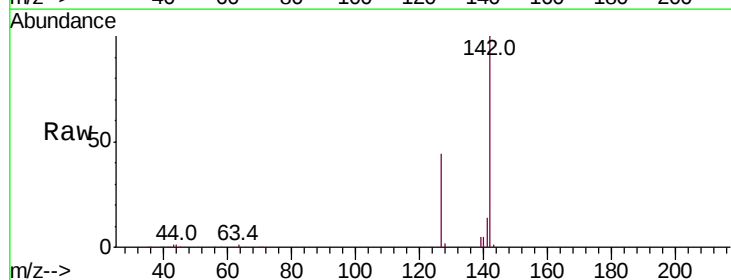
Tgt Ion:142 Resp: 184102

Ion Ratio Lower Upper

142 100

127 47.1 39.0 58.6

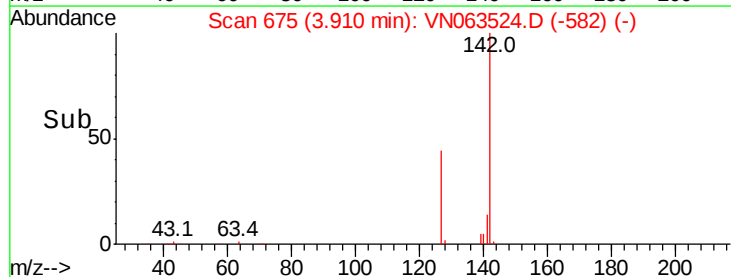
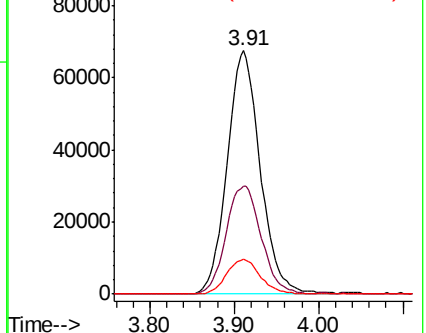
141 14.6 11.6 17.4

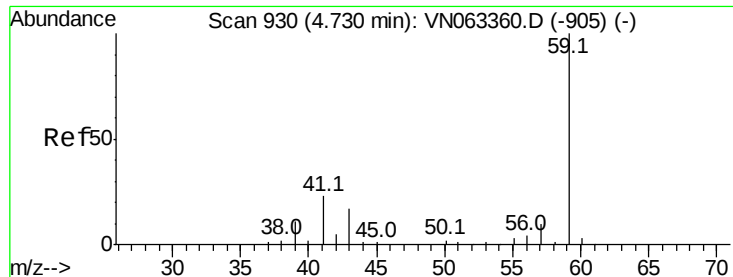


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

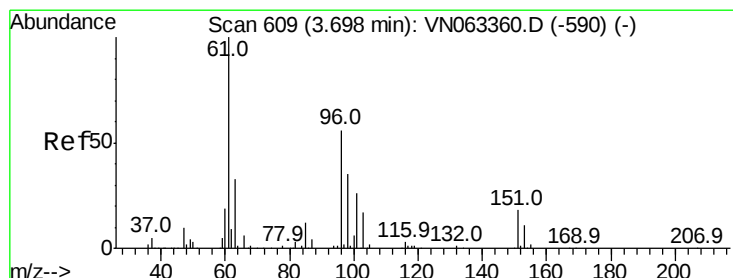
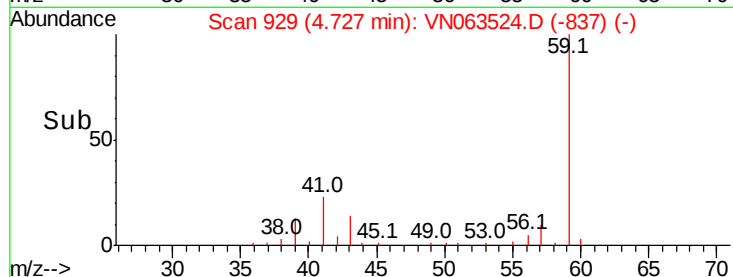
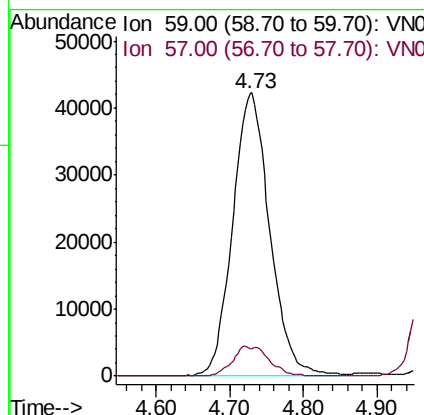
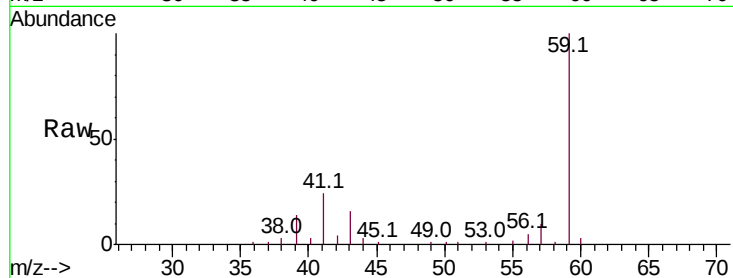




#11
Tert butyl alcohol
Concen: 255.428 ug/l
RT: 4.73 min Scan# 929
Delta R.T. -0.00 min
Lab File: VN063524.D
Acq: 22 Sep 2020 7:41

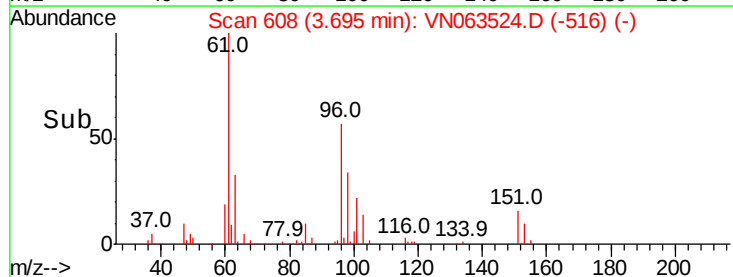
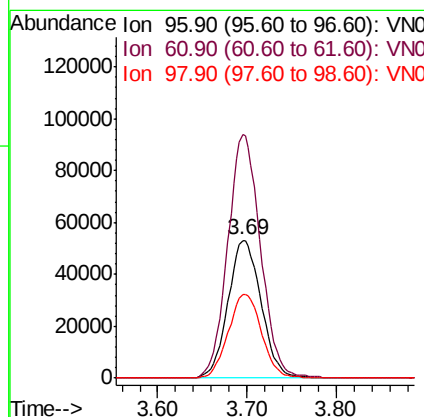
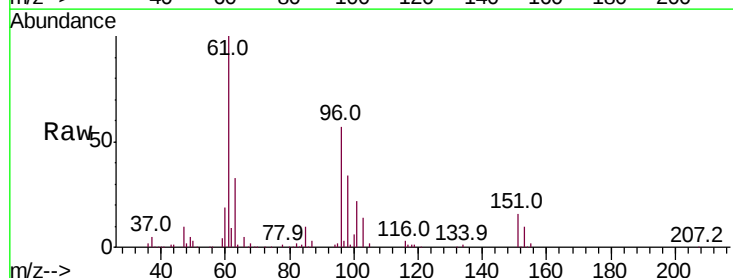
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

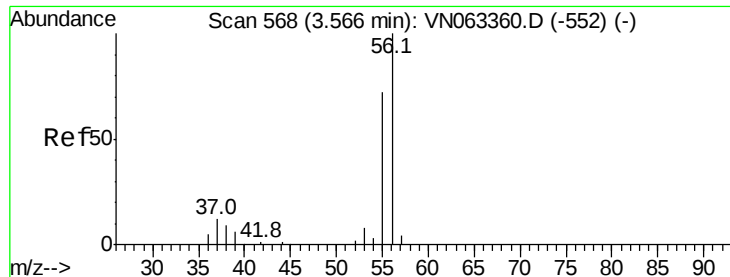
Tot Ion: 59 Resp: 147983
Ion Ratio Lower Upper
59 100
57 5.0 8.4 12.6#



#12
1,1-Dichloroethene
Concen: 49.411 ug/l
RT: 3.69 min Scan# 608
Delta R.T. -0.00 min
Lab File: VN063524.D
Acq: 22 Sep 2020 7:41

Tgt Ion: 96 Resp: 136985
Ion Ratio Lower Upper
96 100
61 176.4 143.4 215.2
98 60.3 50.6 76.0

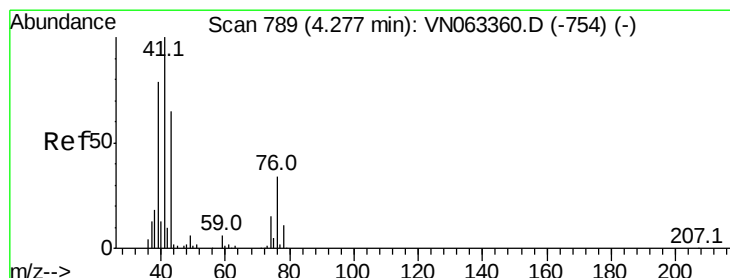
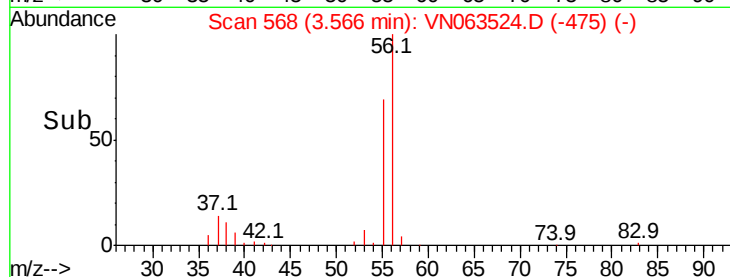
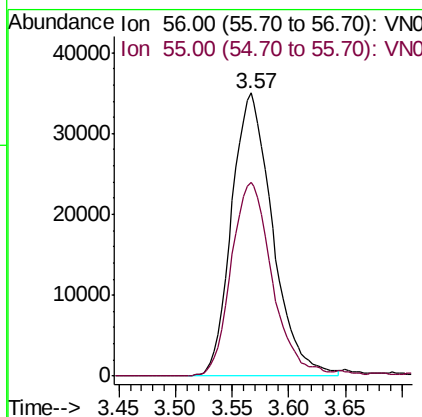
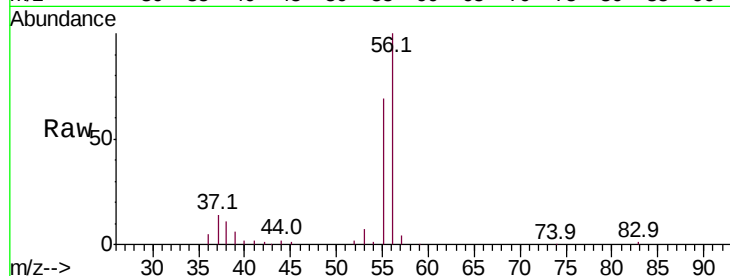




#13
Acrolein
Concen: 410.666 ug/l
RT: 3.57 min Scan# 568
Delta R.T. 0.00 min
Lab File: VN063524.D
Acq: 22 Sep 2020 7:41

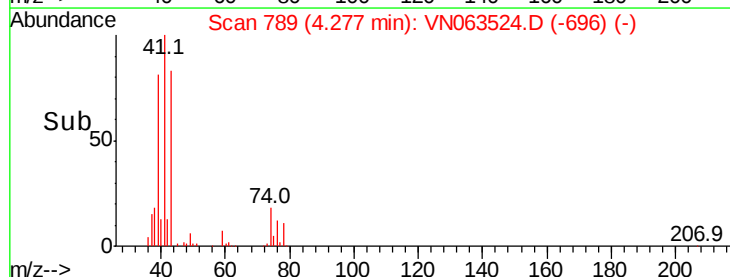
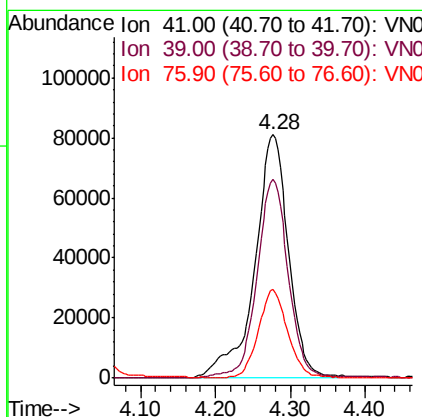
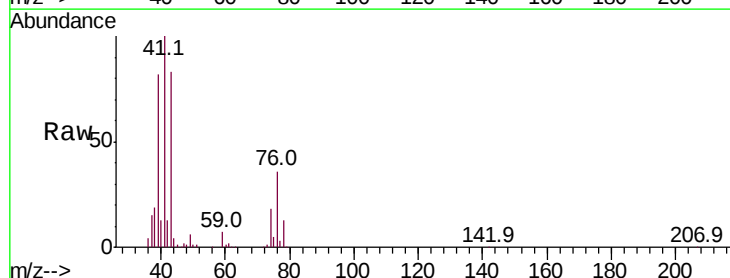
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

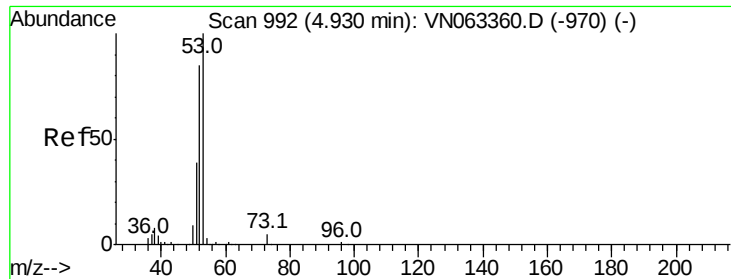
Tot Ion: 56 Resp: 88170
Ion Ratio Lower Upper
56 100
55 68.5 58.2 87.2



#14
Allyl chloride
Concen: 46.423 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN063524.D
Acq: 22 Sep 2020 7:41

Tgt Ion: 41 Resp: 254578
Ion Ratio Lower Upper
41 100
39 75.2 59.3 88.9
76 31.7 25.3 37.9





#15

Acrylonitrile

Concen: 265.484 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN063524.D

Acq: 22 Sep 2020 7:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

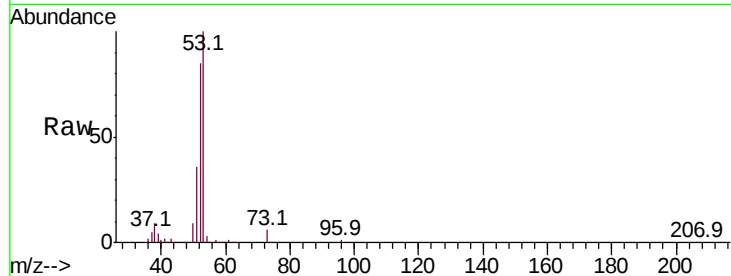
Tot Ion: 53 Resp: 391239

Ion Ratio Lower Upper

53 100

52 84.1 66.4 99.6

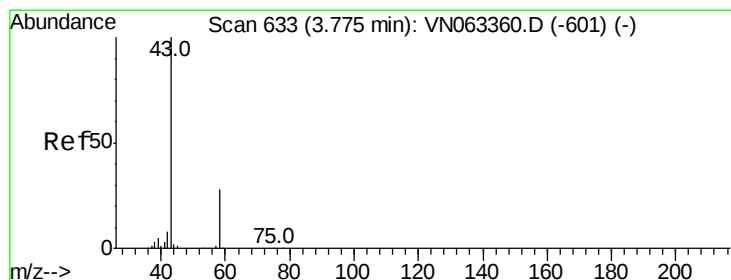
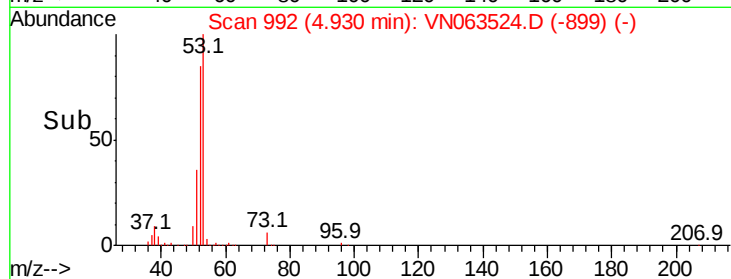
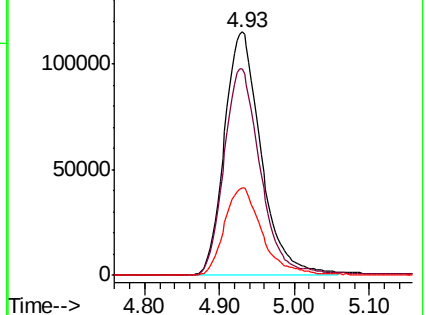
51 37.2 30.2 45.4



Abundance Ion 53.00 (52.70 to 53.70): VN063360.D (-970) (-)

Ion 52.00 (51.70 to 52.70): VN063360.D (-970) (-)

Ion 51.00 (50.70 to 51.70): VN063360.D (-970) (-)



#16

Acetone

Concen: 267.908 ug/l

RT: 3.77 min Scan# 632

Delta R.T. -0.00 min

Lab File: VN063524.D

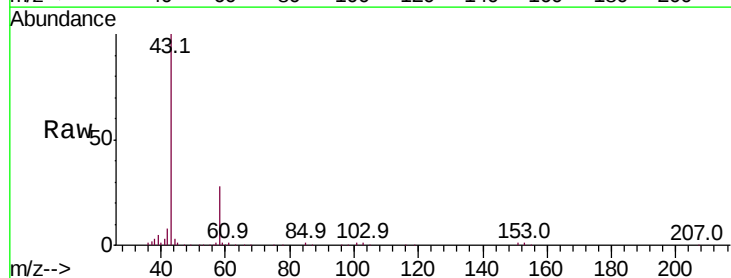
Acq: 22 Sep 2020 7:41

Tgt Ion: 43 Resp: 360074

Ion Ratio Lower Upper

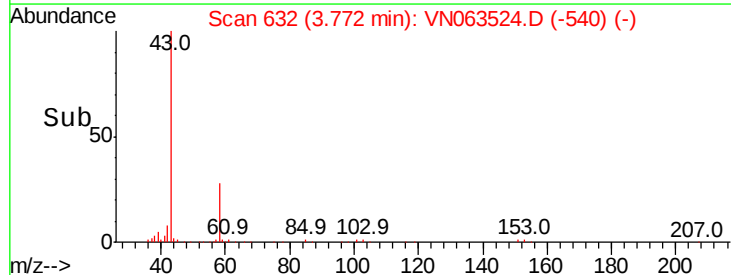
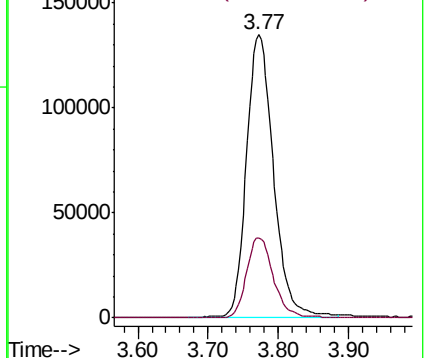
43 100

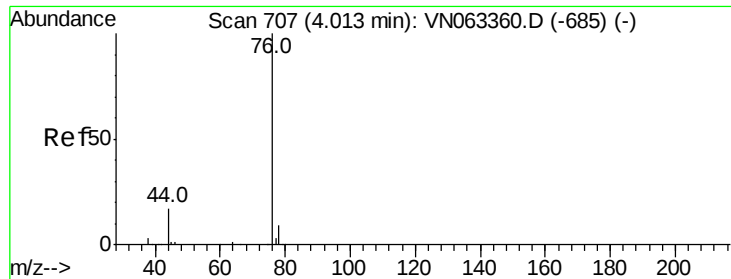
58 28.0 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN063360.D (-601) (-)

Ion 58.00 (57.70 to 58.70): VN063360.D (-601) (-)

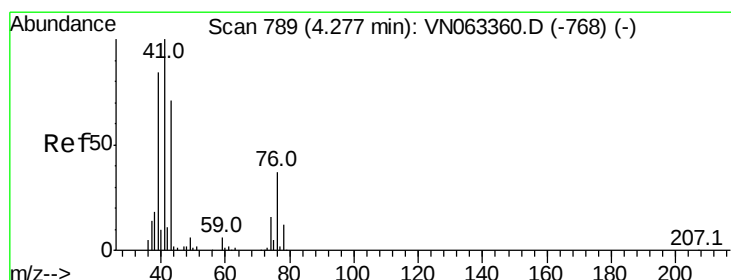
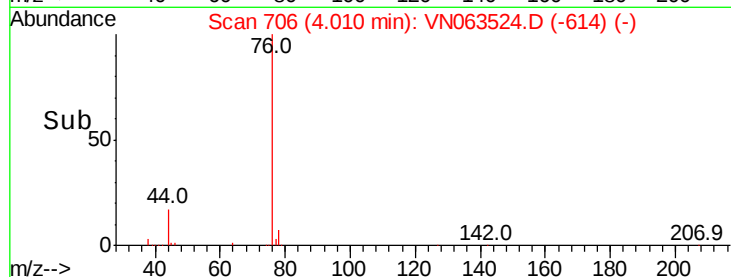
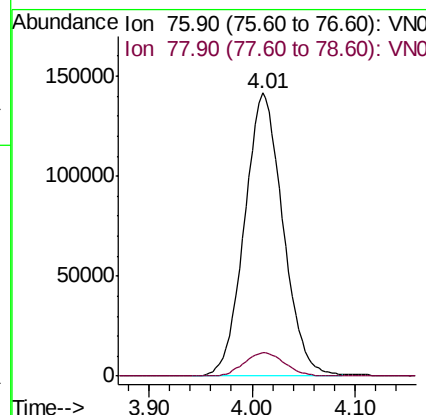
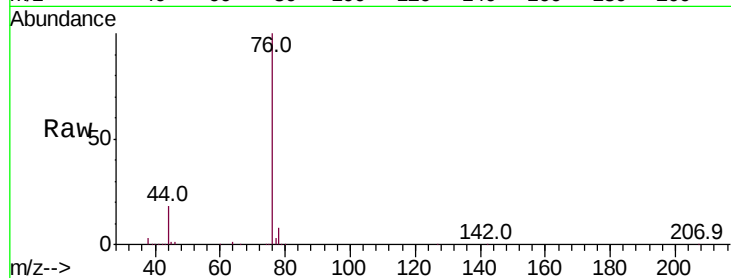




#17
Carbon Disulfide
Concen: 45.519 ug/l
RT: 4.01 min Scan# 706
Delta R.T. -0.00 min
Lab File: VN063524.D
Acq: 22 Sep 2020 7:41

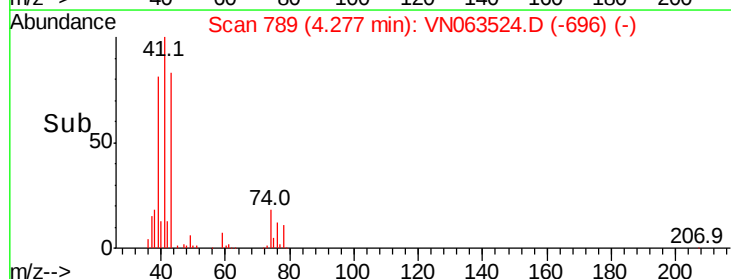
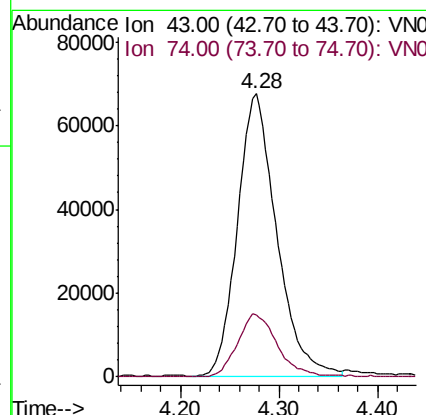
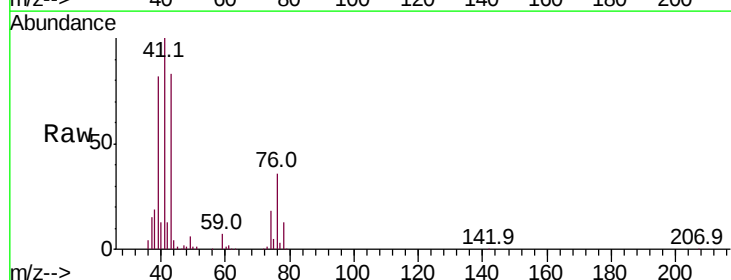
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

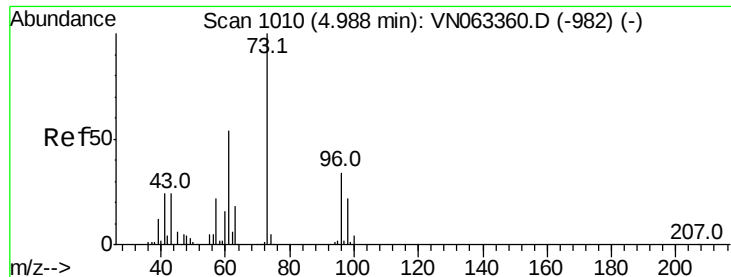
Tot Ion: 76 Resp: 367070
Ion Ratio Lower Upper
76 100
78 8.2 7.2 10.8



#18
Methyl Acetate
Concen: 54.370 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN063524.D
Acq: 22 Sep 2020 7:41

Tgt Ion: 43 Resp: 185510
Ion Ratio Lower Upper
43 100
74 22.9 17.4 26.2

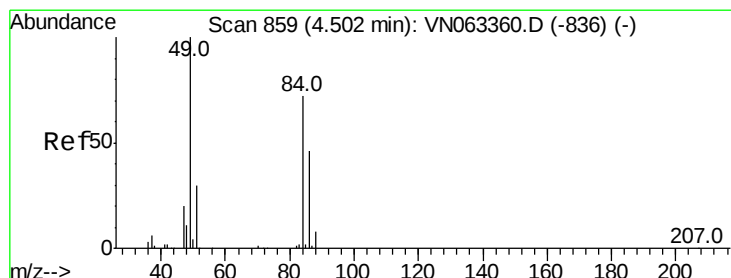
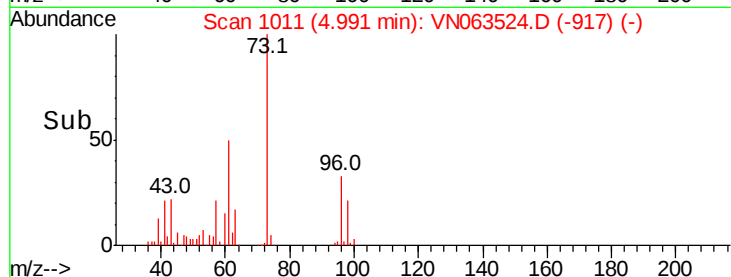
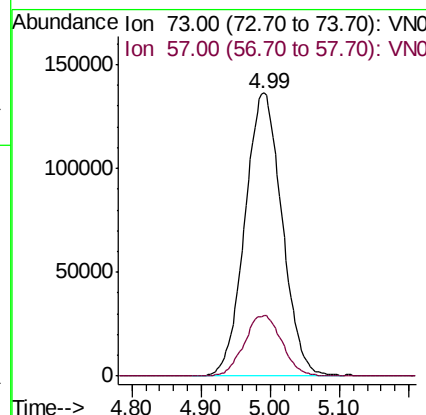
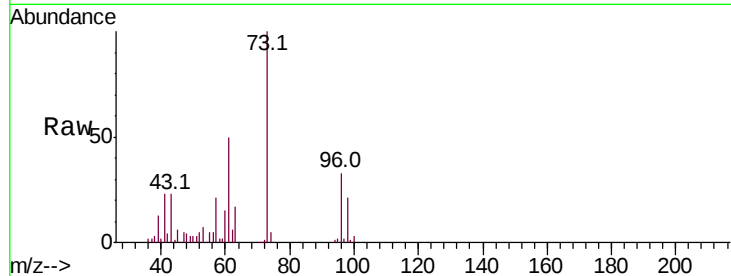




#19
Methvl tert-butvl Ether
Concen: 49.146 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN063524.D
Acq: 22 Sep 2020 7:41

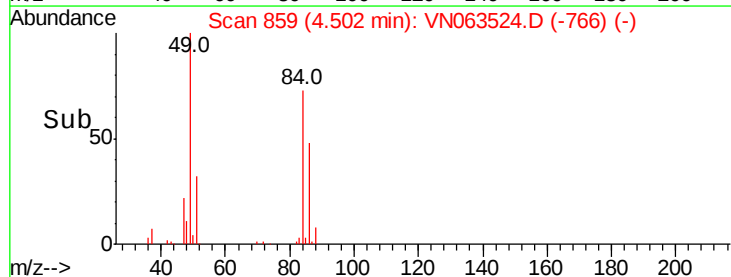
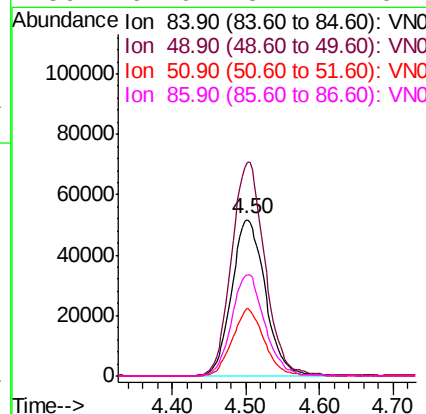
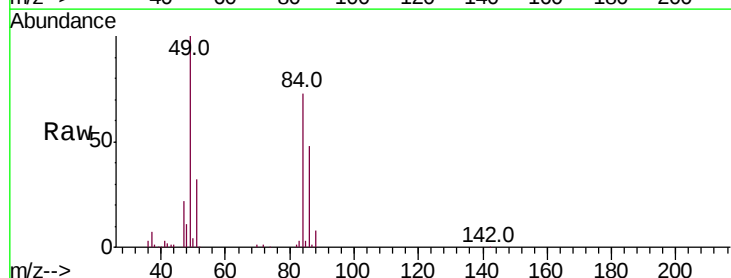
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

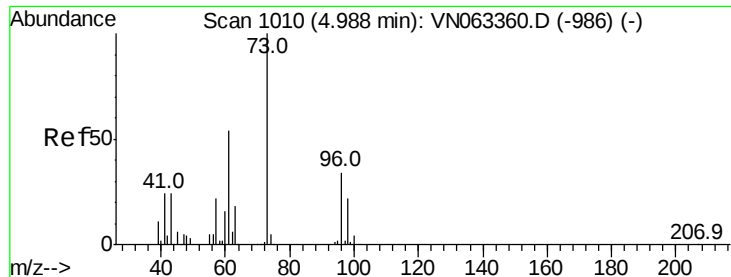
Tot Ion: 73 Resp: 507810
Ion Ratio Lower Upper
73 100
57 21.3 17.9 26.9



#20
Methylene Chloride
Concen: 48.118 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN063524.D
Acq: 22 Sep 2020 7:41

Tgt Ion: 84 Resp: 163852
Ion Ratio Lower Upper
84 100
49 136.4 110.7 166.1
51 43.0 32.9 49.3
86 64.9 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 47.370 ug/l

RT: 4.99 min Scan# 1010

Delta R.T. -0.00 min

Lab File: VN063524.D

Acq: 22 Sep 2020 7:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

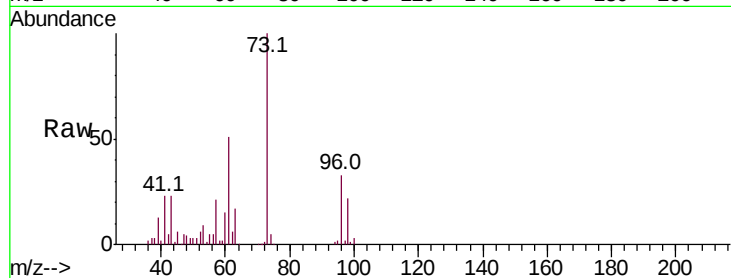
Tot Ion: 96 Resp: 145502

Ion Ratio Lower Upper

96 100

61 154.8 126.2 189.4

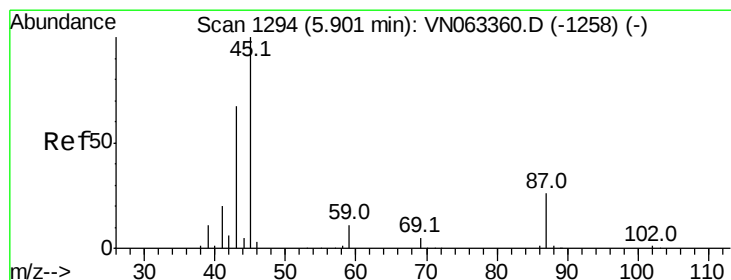
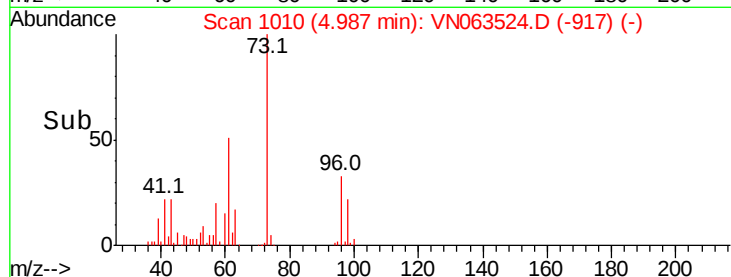
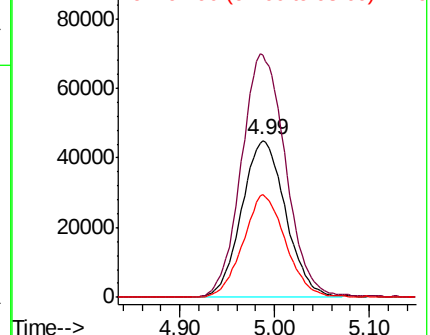
98 65.5 51.0 76.4



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: 49.174 ug/l

RT: 5.90 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VN063524.D

Acq: 22 Sep 2020 7:41

Tgt Ion: 45 Resp: 549966

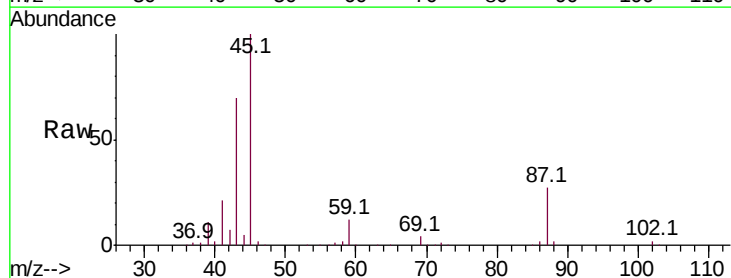
Ion Ratio Lower Upper

45 100

43 68.1 53.5 80.3

87 26.9 21.2 31.8

59 11.3 8.8 13.2

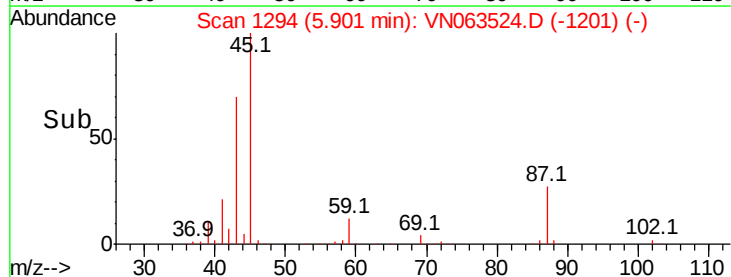
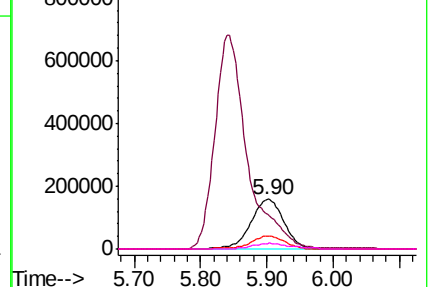


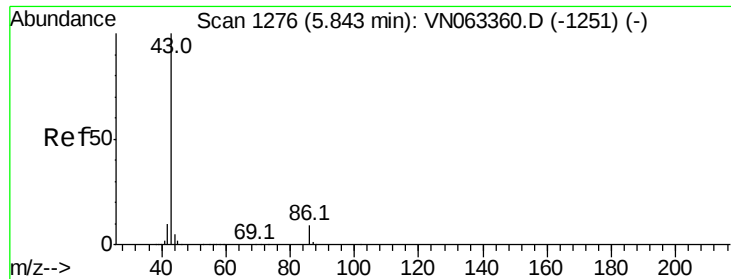
Abundance Ion 45.00 (44.70 to 45.70): VN063360.D (-1258) (-)

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: 252.559 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. -0.00 min

Lab File: VN063524.D

Acq: 22 Sep 2020 7:41

Instrument :

MSVOA_N

ClientSampleId :

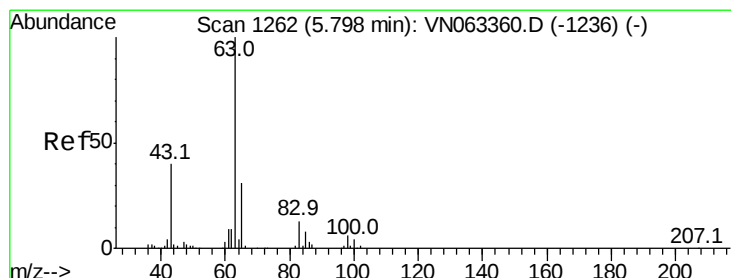
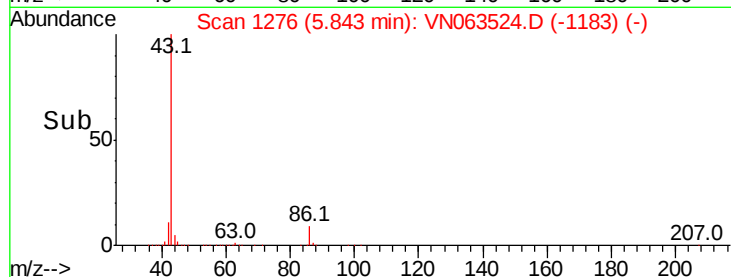
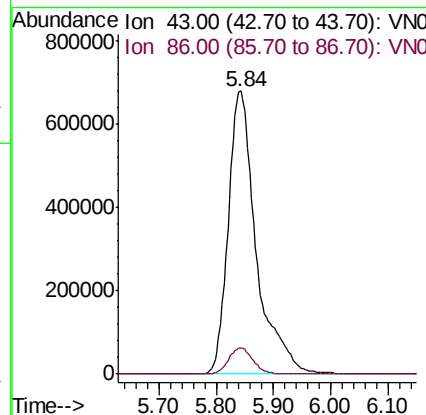
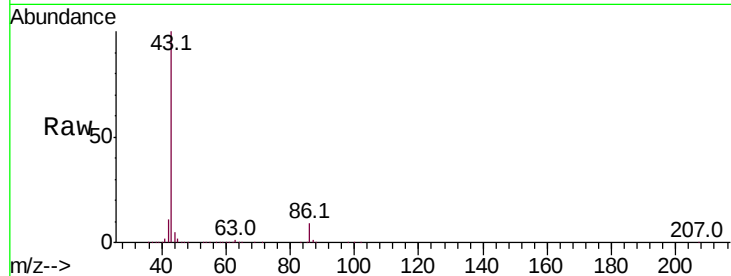
VSTDCCC050EC

Tot Ion: 43 Resp: 2319801

Ion Ratio Lower Upper

43 100

86 9.3 7.1 10.7



#24

1,1-Dichloroethane

Concen: 48.694 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. -0.00 min

Lab File: VN063524.D

Acq: 22 Sep 2020 7:41

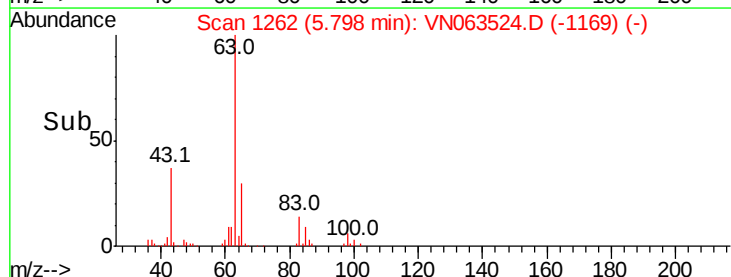
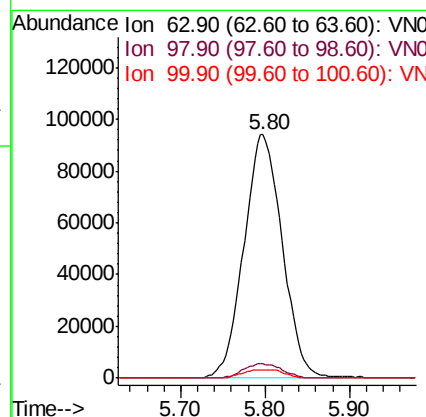
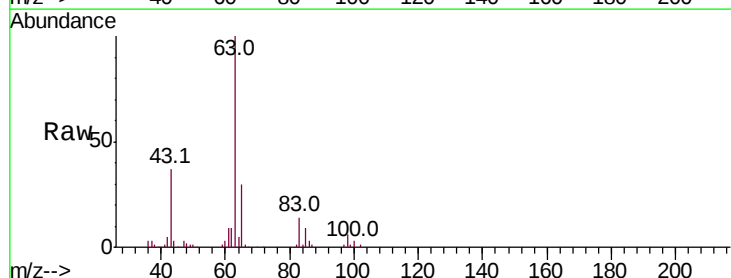
Tgt Ion: 63 Resp: 297329

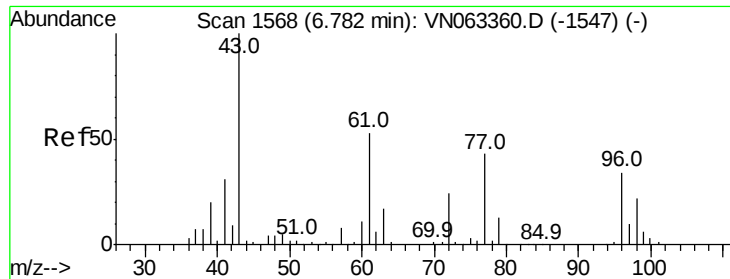
Ion Ratio Lower Upper

63 100

98 5.8 2.9 8.8

100 3.4 2.1 6.3





#25

2-Butanone

Concen: 266.768 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VN063524.D

Acq: 22 Sep 2020 7:41

Instrument :

MSVOA_N

ClientSampleId :

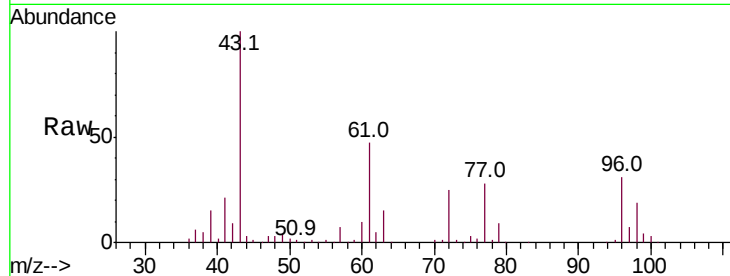
VSTDCCC050EC

Tot Ion: 43 Resp: 551430

Ion Ratio Lower Upper

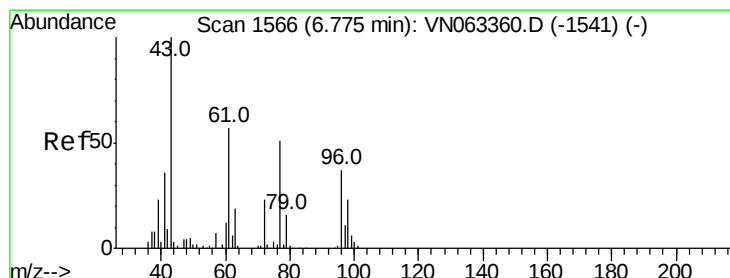
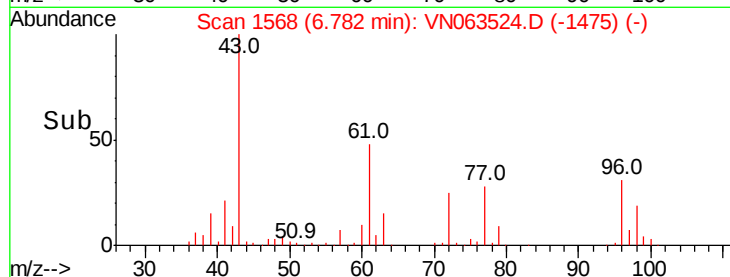
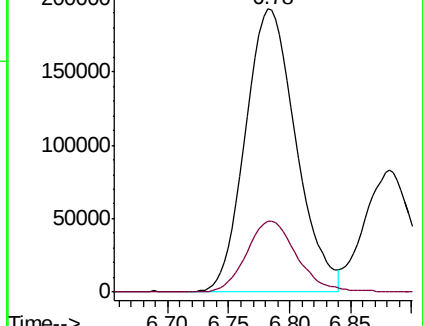
43 100

72 25.1 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 33.870 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VN063524.D

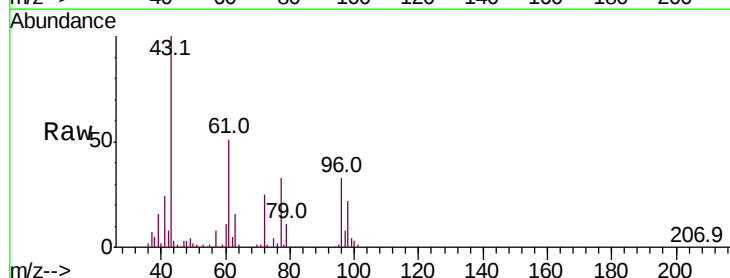
Acq: 22 Sep 2020 7:41

Tgt Ion: 77 Resp: 182084

Ion Ratio Lower Upper

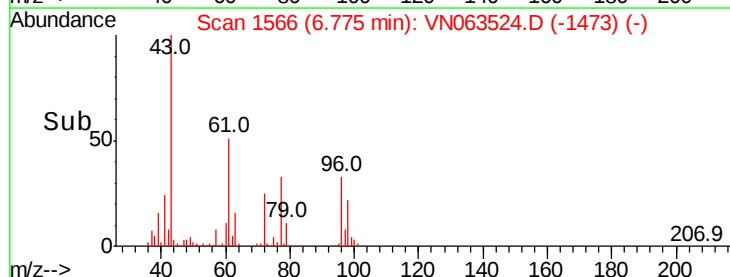
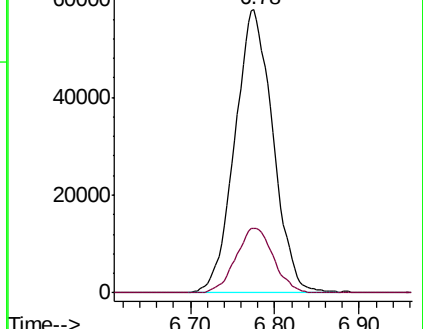
77 100

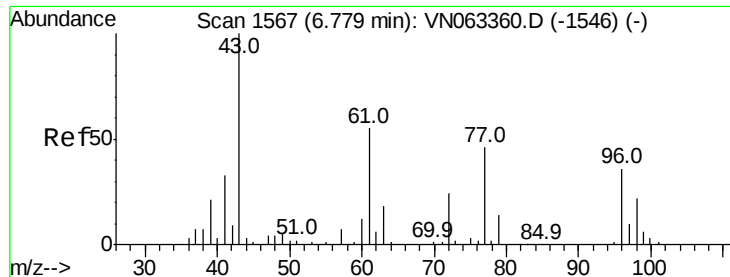
97 22.5 10.5 31.6



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0

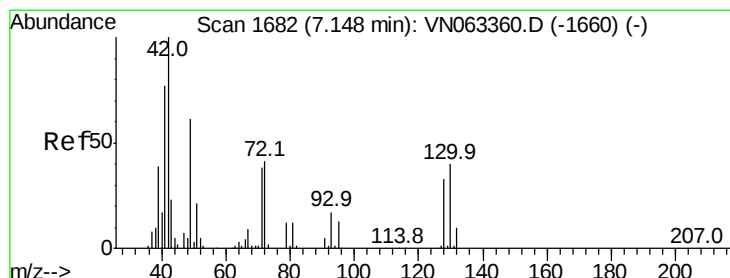
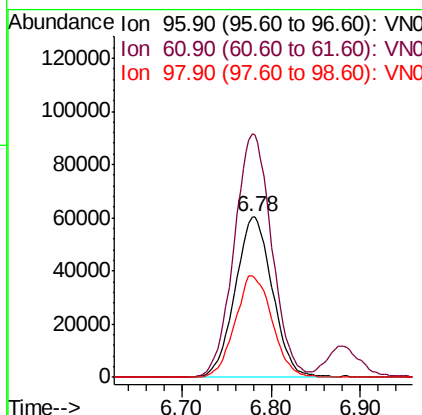
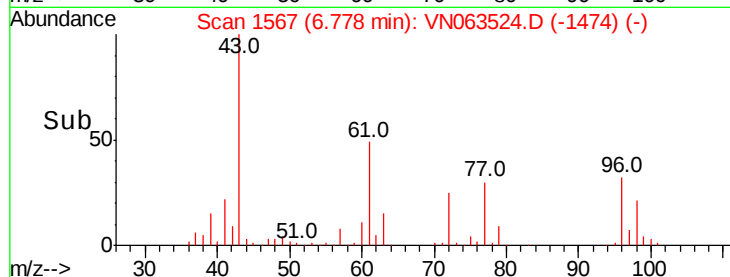
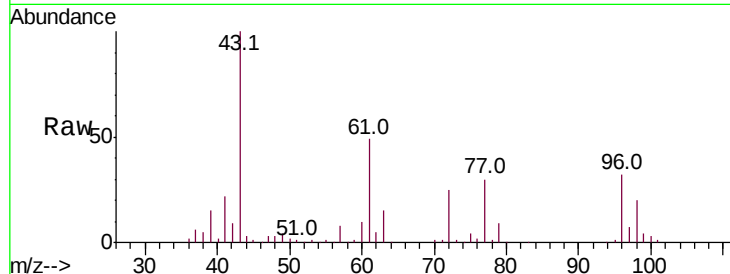




#27
 cis-1,2-Dichloroethene
 Concen: 50.357 ug/l
 RT: 6.78 min Scan# 1567
 Delta R.T. -0.00 min
 Lab File: VN063524.D
 Acq: 22 Sep 2020 7:41

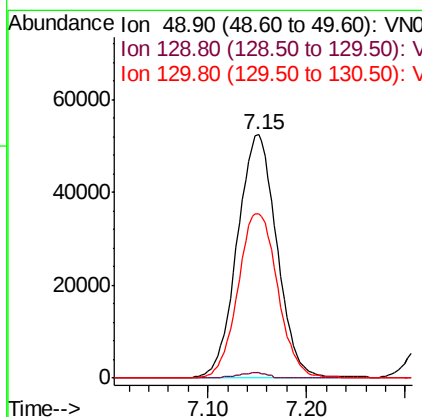
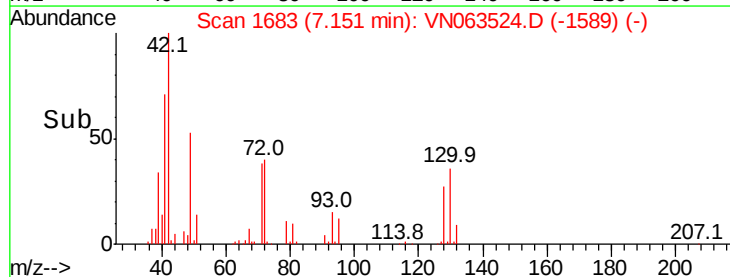
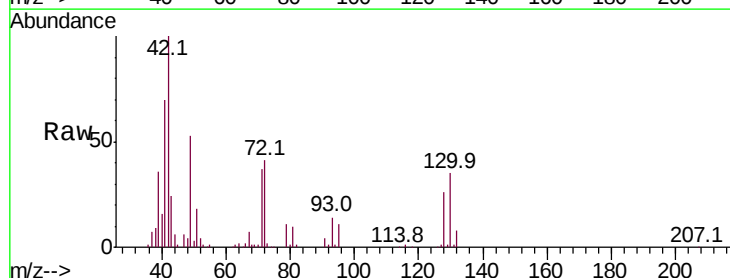
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

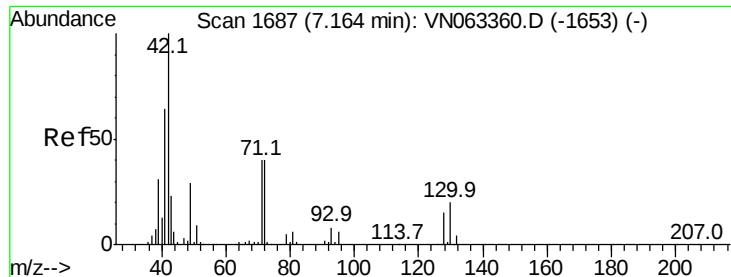
Tot Ion: 96 Resp: 175072
 Ion Ratio Lower Upper
 96 100
 61 152.7 0.0 319.6
 98 63.0 0.0 127.8



#28
 Bromochloromethane
 Concen: 51.620 ug/l
 RT: 7.15 min Scan# 1683
 Delta R.T. 0.00 min
 Lab File: VN063524.D
 Acq: 22 Sep 2020 7:41

Tgt Ion: 49 Resp: 145533
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 3.8
 130 68.2 52.2 78.2





#29

Tetrahydrofuran

Concen: 258.427 ug/l

RT: 7.16 min Scan# 1687

Delta R.T. -0.00 min

Lab File: VN063524.D

Acq: 22 Sep 2020 7:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

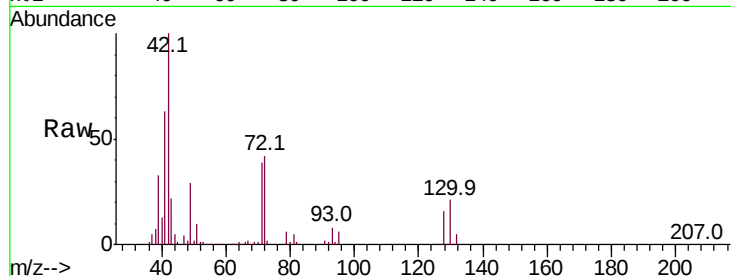
Tot Ion: 42 Resp: 364838

Ion Ratio Lower Upper

42 100

72 41.4 32.1 48.1

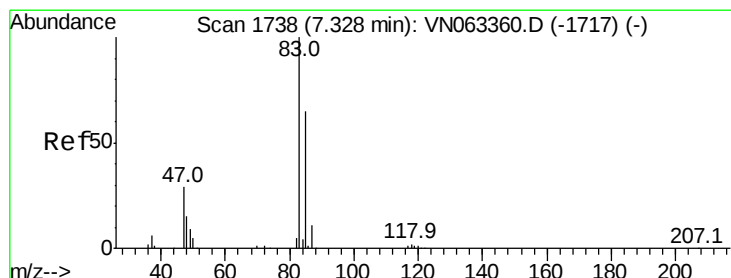
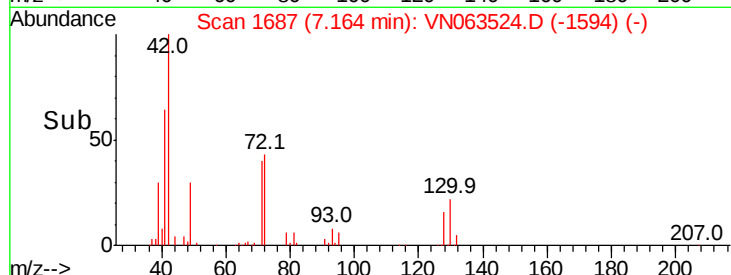
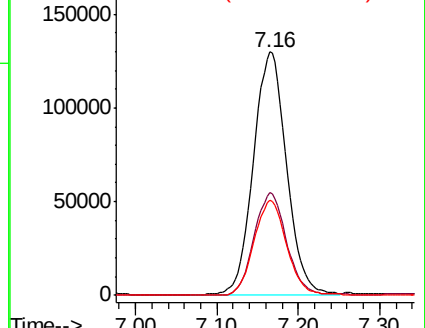
71 38.6 31.2 46.8



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: 50.199 ug/l

RT: 7.33 min Scan# 1738

Delta R.T. -0.00 min

Lab File: VN063524.D

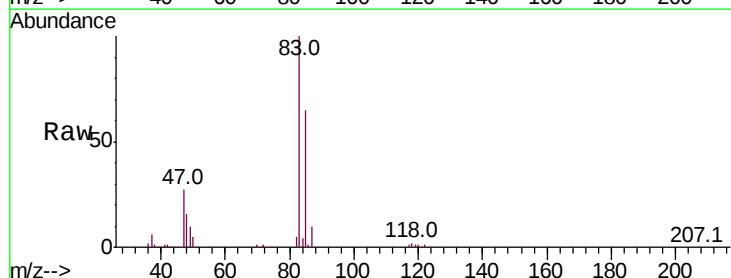
Acq: 22 Sep 2020 7:41

Tgt Ion: 83 Resp: 307527

Ion Ratio Lower Upper

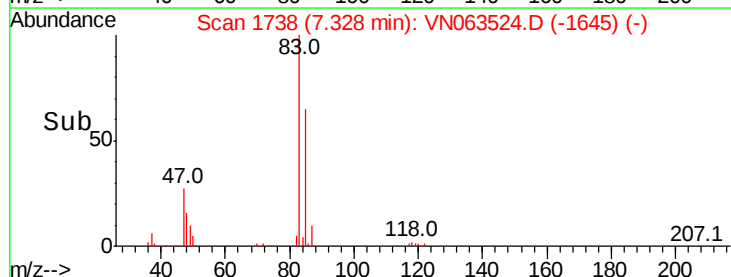
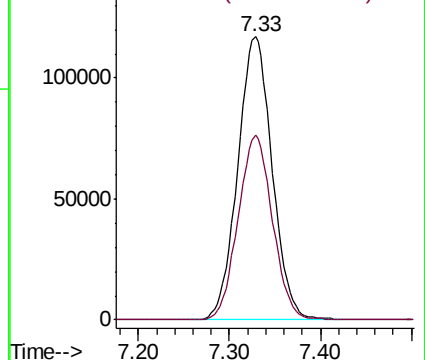
83 100

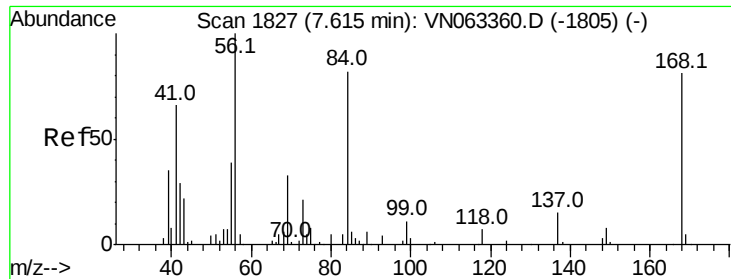
85 65.1 52.1 78.1



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

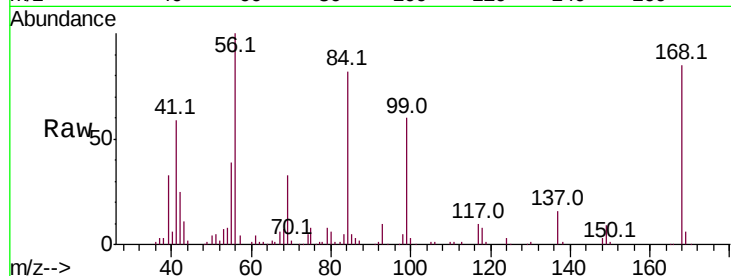




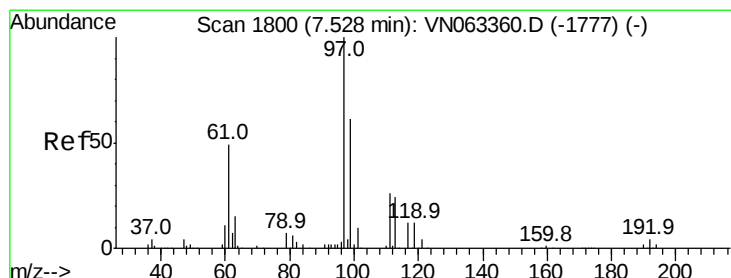
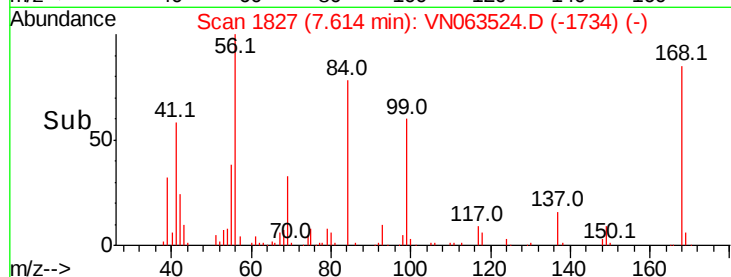
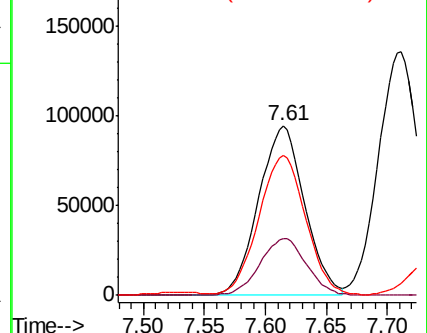
#31
Cyclohexane
Concen: 42.933 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. -0.00 min
Lab File: VN063524.D
Acq: 22 Sep 2020 7:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 56 Resp: 247974
Ion Ratio Lower Upper
56 100
69 33.5 26.1 39.1
84 80.8 65.4 98.2

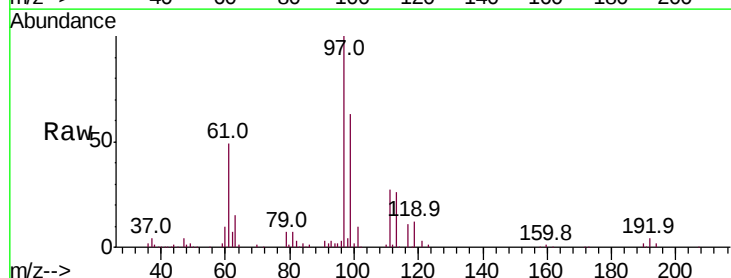


Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 84.00 (83.70 to 84.70): VNO

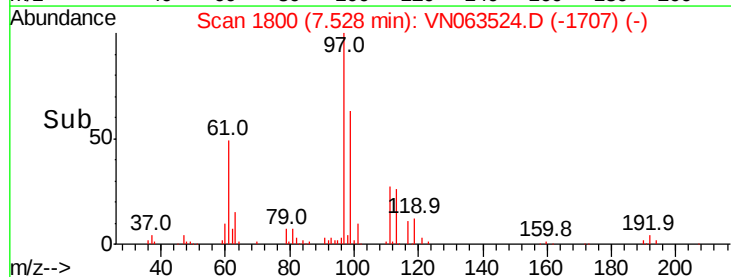
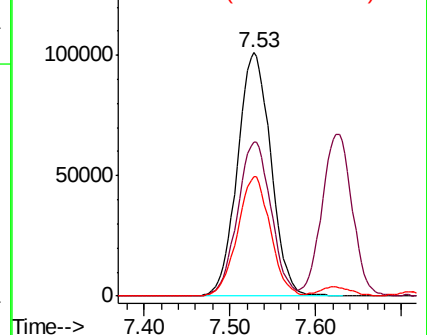


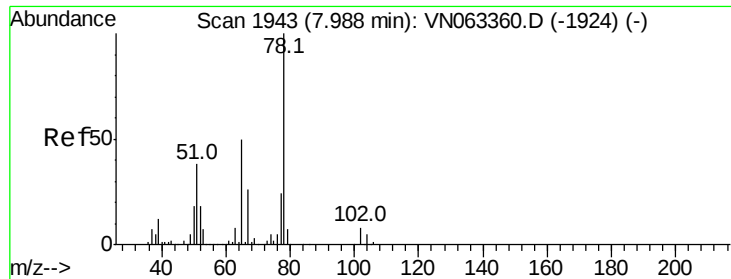
#32
1,1,1-Trichloroethane
Concen: 50.159 ug/l
RT: 7.53 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VN063524.D
Acq: 22 Sep 2020 7:41

Tgt Ion: 97 Resp: 273303
Ion Ratio Lower Upper
97 100
99 63.4 50.6 76.0
61 48.3 39.2 58.8



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





#33

1,2-Dichloroethane-d4

Concen: 50.113 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

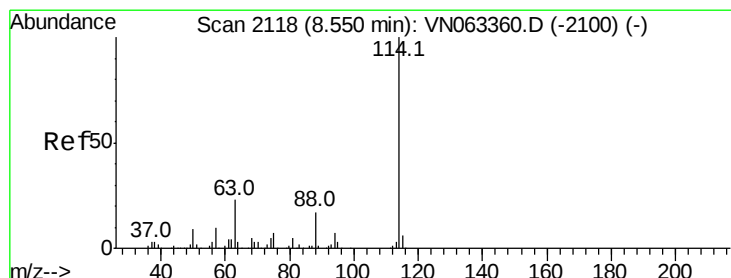
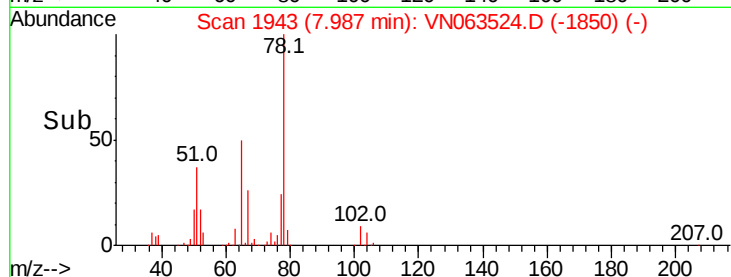
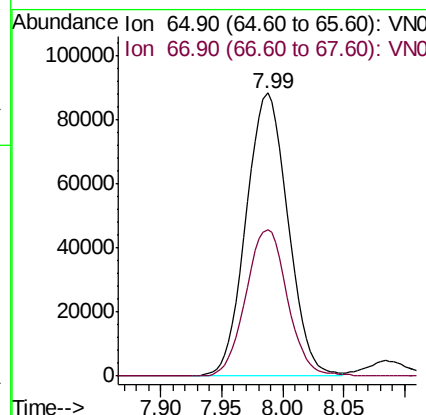
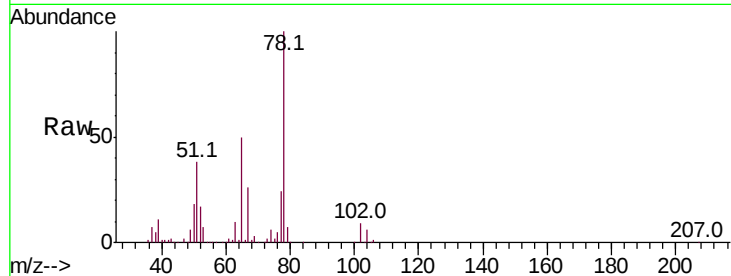
Lab File: VN063524.D

Acq: 22 Sep 2020 7:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 65 Resp: 209572

Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	104.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

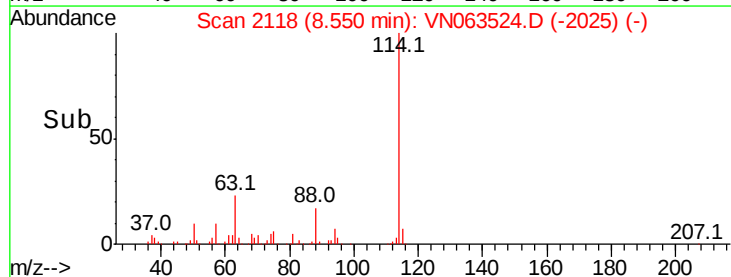
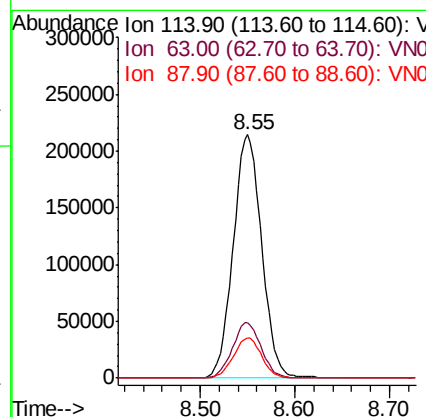
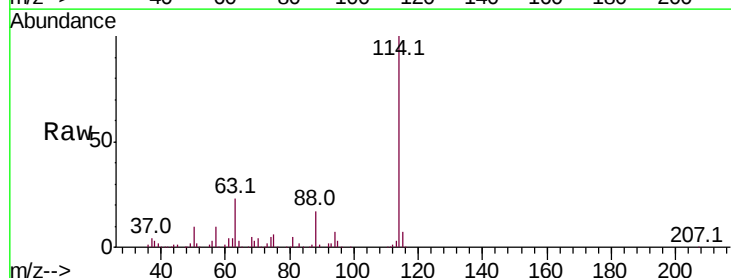
Delta R.T. -0.00 min

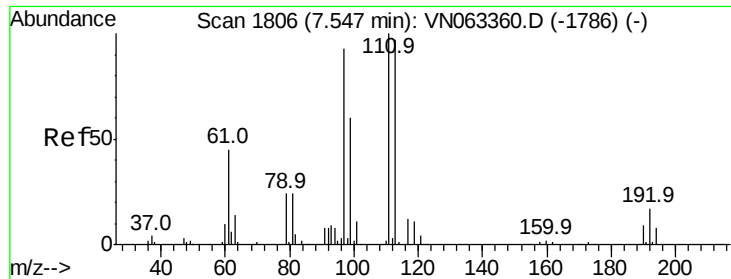
Lab File: VN063524.D

Acq: 22 Sep 2020 7:41

Tgt Ion: 114 Resp: 448903

Ion	Ratio	Lower	Upper
114	100		
63	22.8	0.0	46.4
88	16.5	0.0	33.2

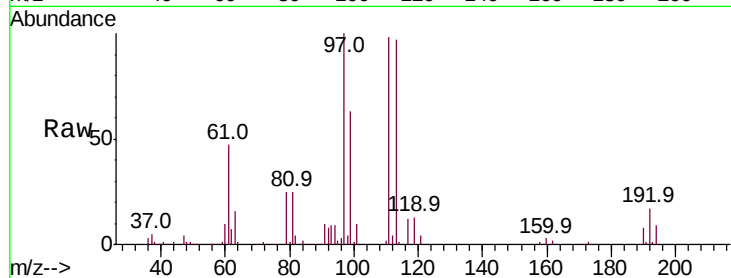




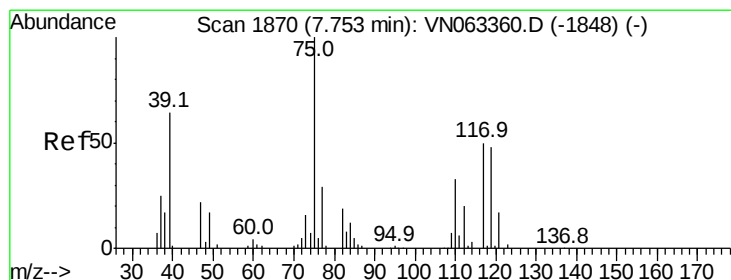
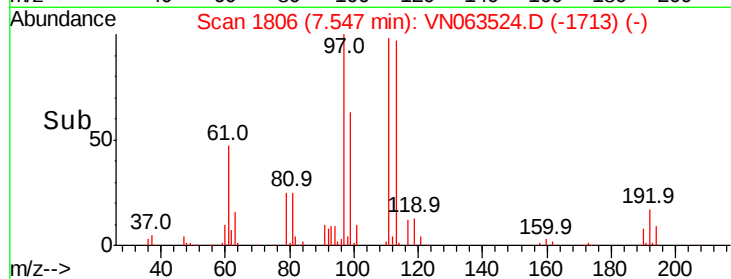
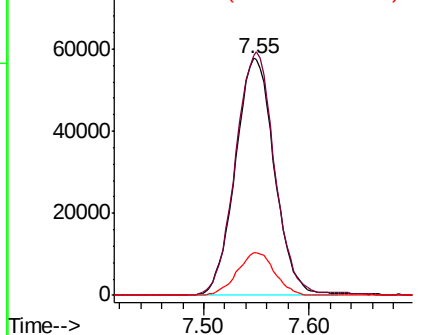
#35
 Dibromofluoromethane
 Concen: 47.865 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN063524.D
 Acq: 22 Sep 2020 7:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.9	124.3
192	17.2	13.9	20.9

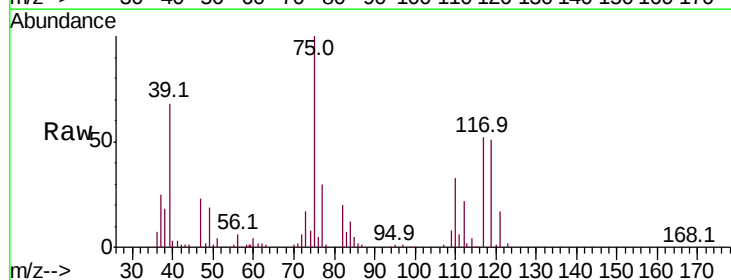


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

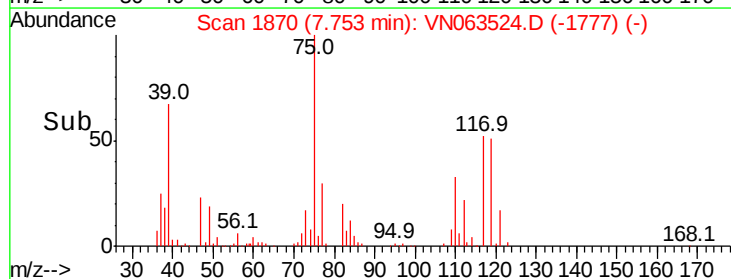
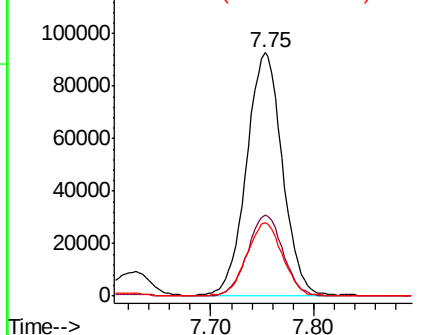


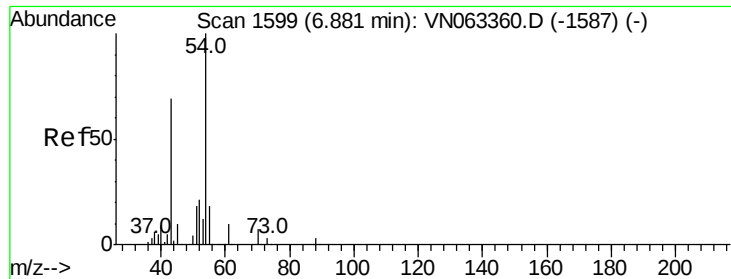
#36
 1,1-Dichloropropene
 Concen: 46.667 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: VN063524.D
 Acq: 22 Sep 2020 7:41

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.1	16.5	49.5
77	30.5	24.6	36.8



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

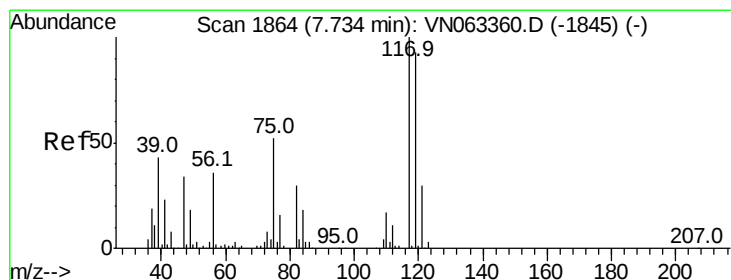
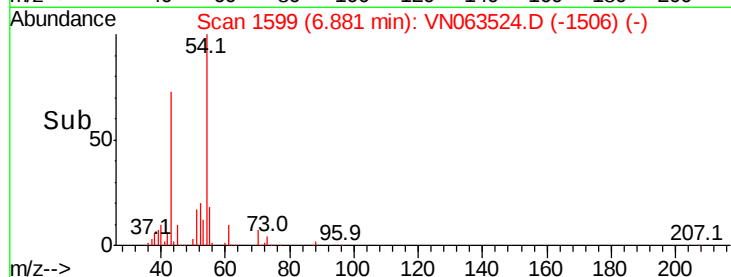
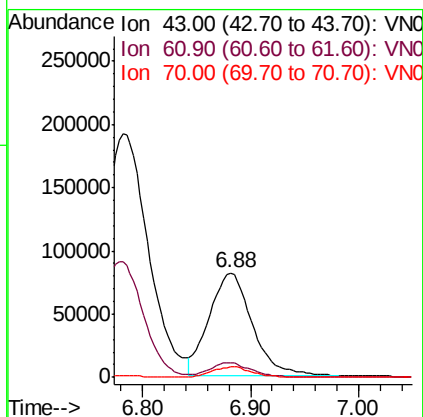
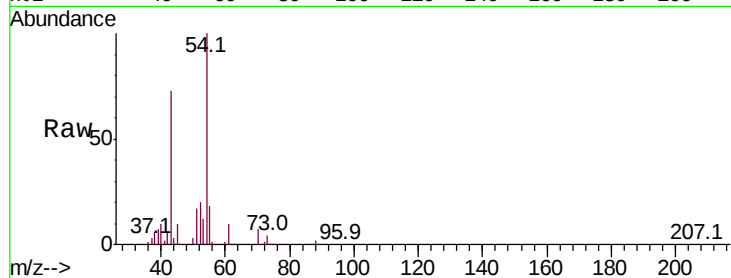




#37
Ethyl Acetate
Concen: 48.434 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VN063524.D
Acq: 22 Sep 2020 7:41

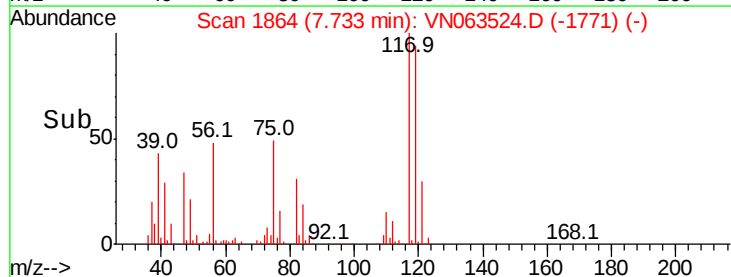
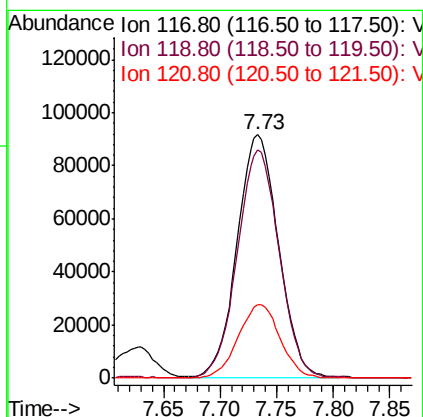
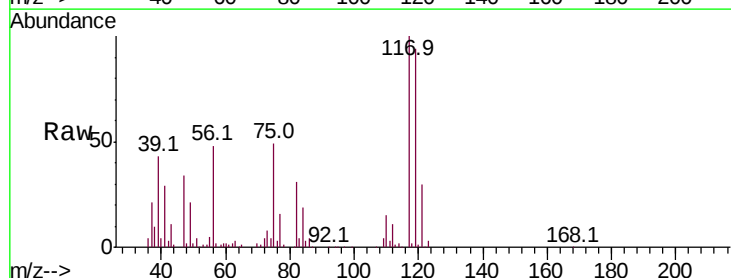
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

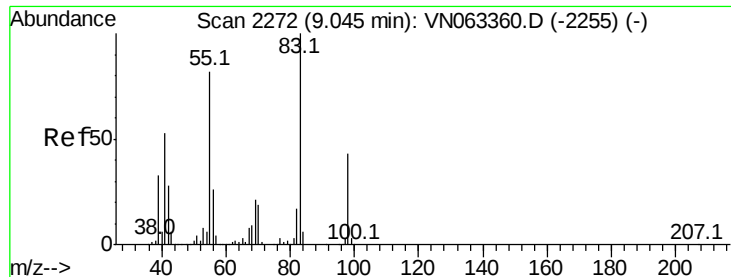
Tot Ion: 43 Resp: 227338
Ion Ratio Lower Upper
43 100
61 13.9 10.6 15.8
70 9.7 7.2 10.8



#38
Carbon Tetrachloride
Concen: 47.492 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN063524.D
Acq: 22 Sep 2020 7:41

Tgt Ion: 117 Resp: 231854
Ion Ratio Lower Upper
117 100
119 93.8 74.5 111.7
121 30.2 24.1 36.1

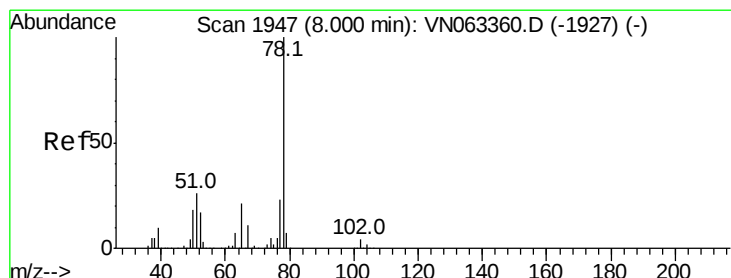
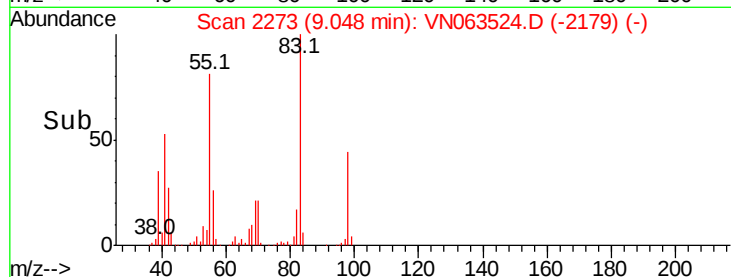
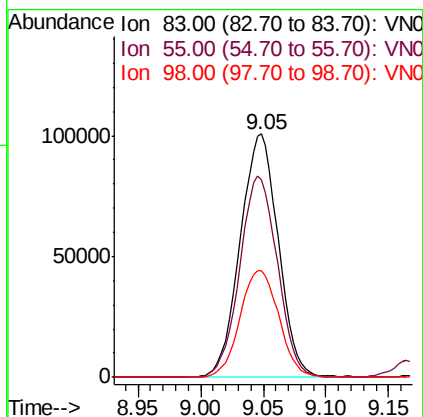
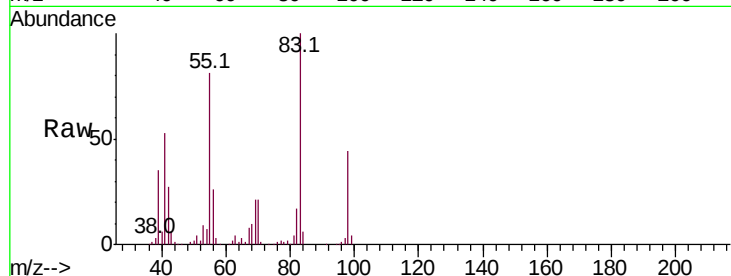




#39
Methvlcvclohexane
Concen: 41.084 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN063524.D
Acq: 22 Sep 2020 7:41

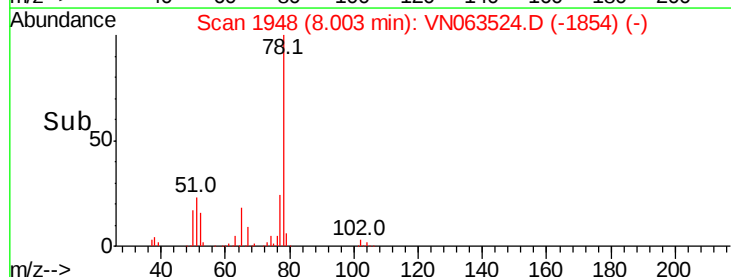
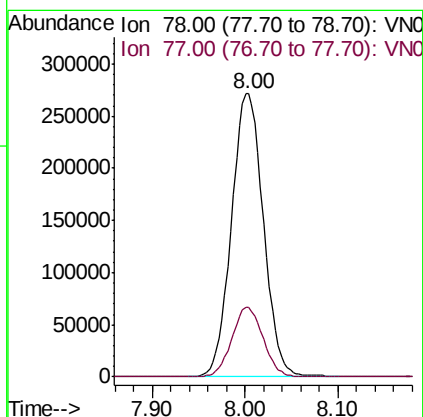
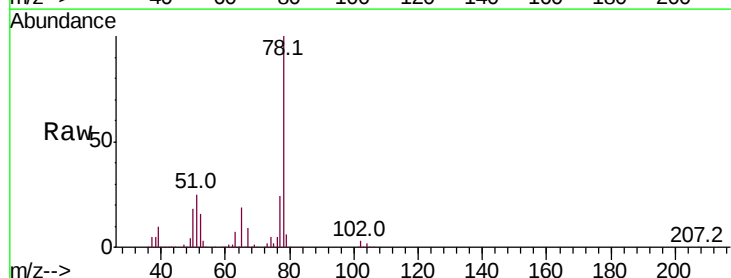
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

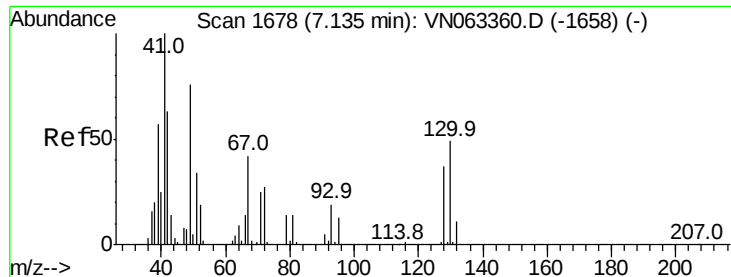
Tot Ion: 83 Resp: 213247
Ion Ratio Lower Upper
83 100
55 80.9 65.5 98.3
98 43.9 34.2 51.4



#40
Benzene
Concen: 47.491 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063524.D
Acq: 22 Sep 2020 7:41

Tgt Ion: 78 Resp: 648341
Ion Ratio Lower Upper
78 100
77 24.4 18.3 27.5

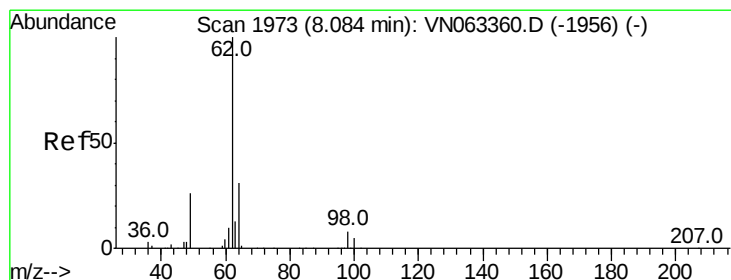
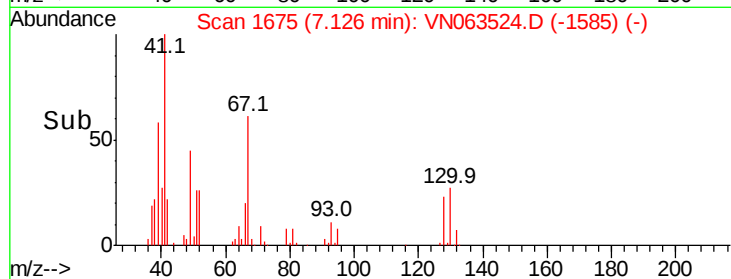
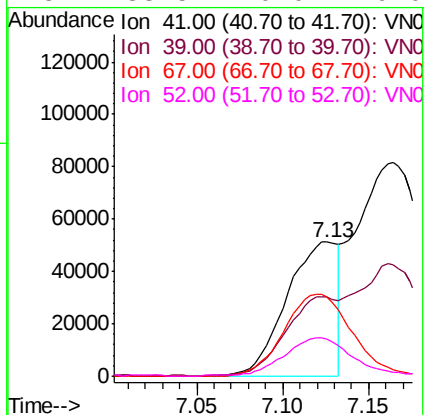
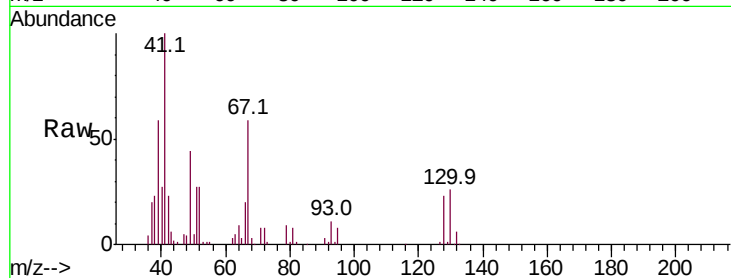




#41
Methacrylonitrile
Concen: 50.425 ug/l
RT: 7.13 min Scan# 1675
Delta R.T. -0.01 min
Lab File: VN063524.D
Acq: 22 Sep 2020 7:41

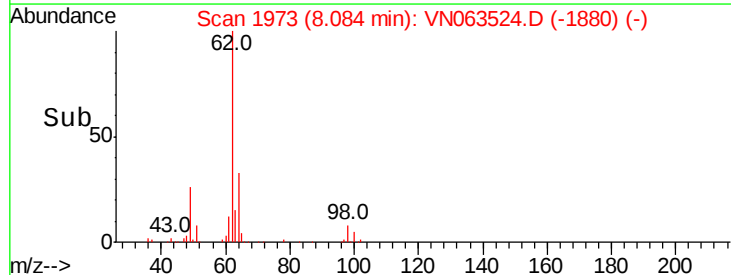
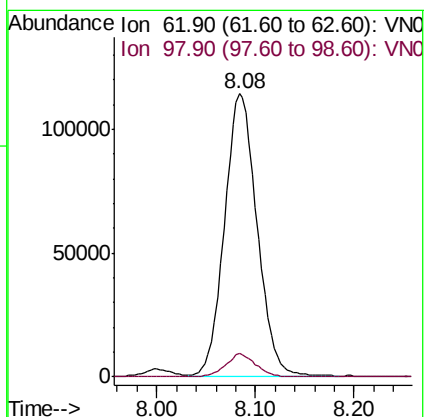
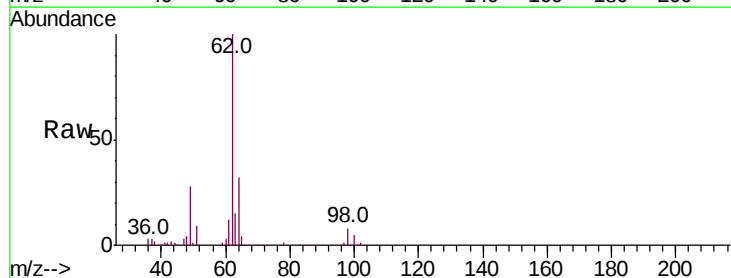
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

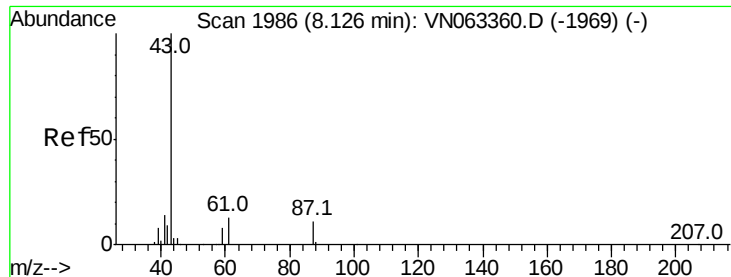
Tot Ion:	41	Resp:	106451
Ion	Ratio	Lower	Upper
41	100		
39	58.7	0.0	0.0#
67	81.4	0.0	0.0#
52	38.5	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 48.038 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN063524.D
Acq: 22 Sep 2020 7:41

Tgt Ion:	62	Resp:	263736
Ion	Ratio	Lower	Upper
62	100		
98	7.5	0.0	15.6





#43

Isopropyl Acetate

Concen: 47.182 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN063524.D

Acq: 22 Sep 2020 7:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

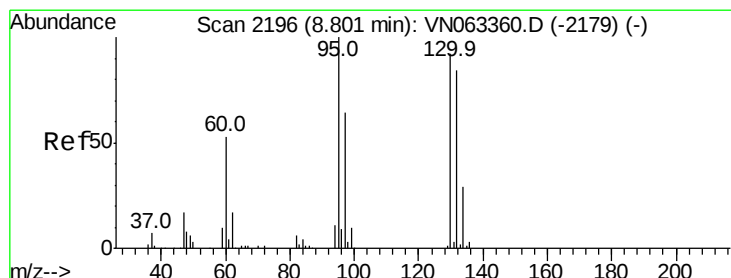
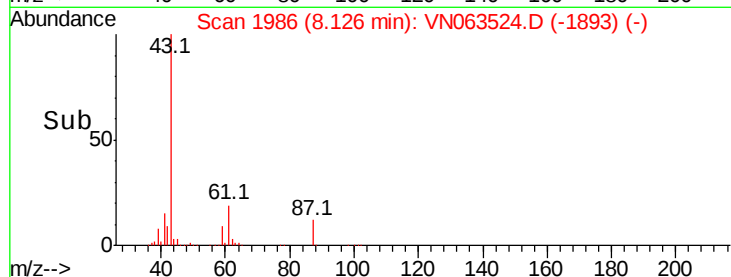
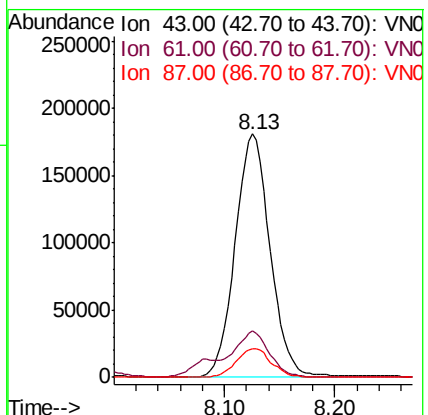
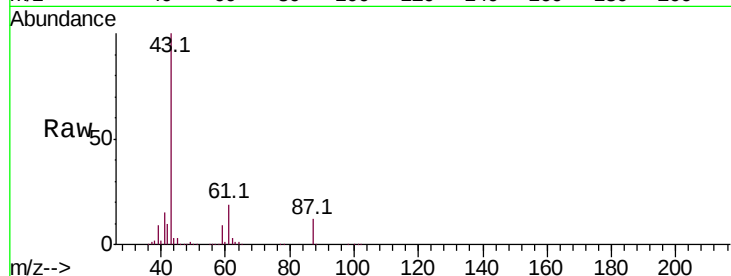
Tot Ion: 43 Resp: 395994

Ion Ratio Lower Upper

43 100

61 18.5 14.2 21.2

87 12.0 9.0 13.6



#44

Trichloroethene

Concen: 49.835 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN063524.D

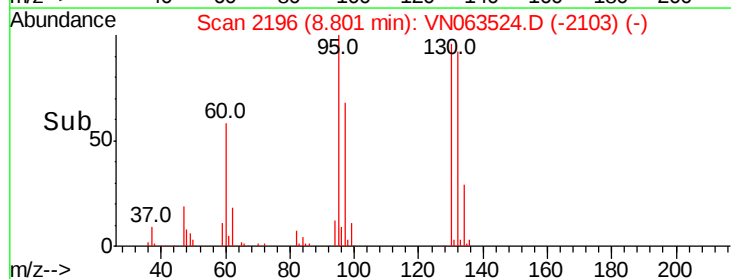
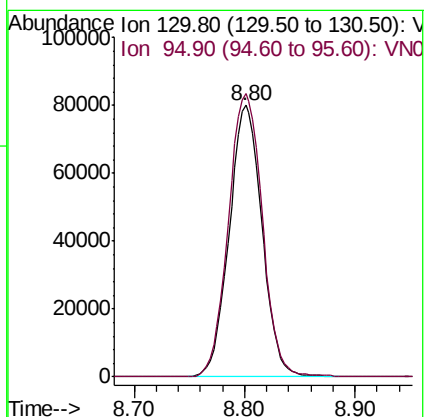
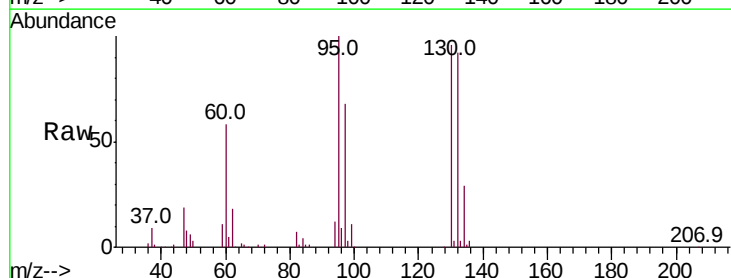
Acq: 22 Sep 2020 7:41

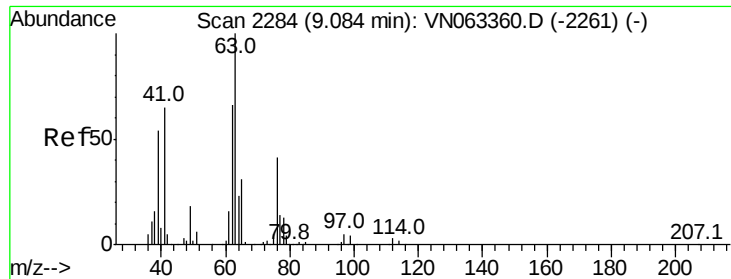
Tgt Ion: 130 Resp: 165017

Ion Ratio Lower Upper

130 100

95 104.2 0.0 217.4

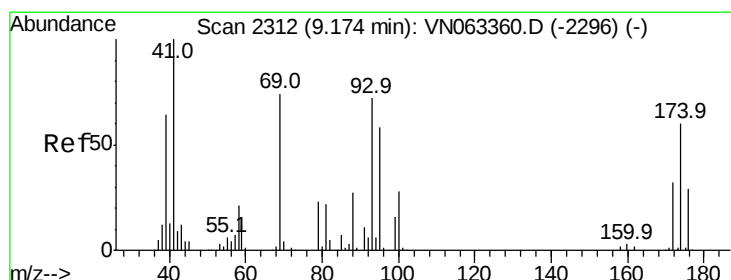
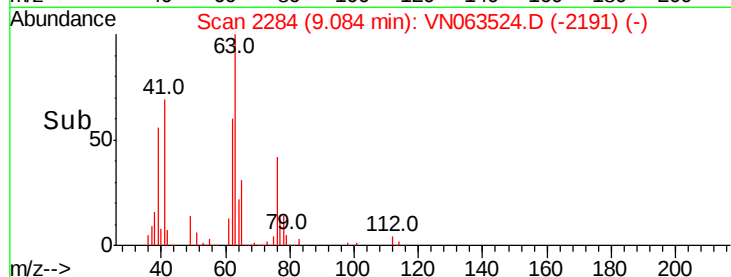
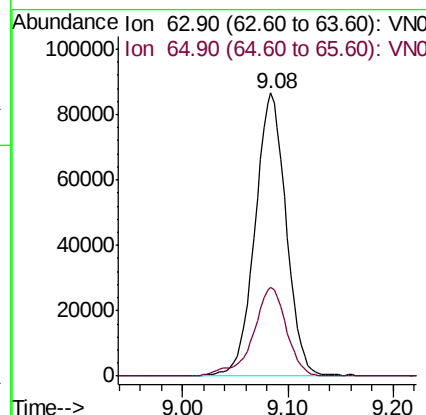
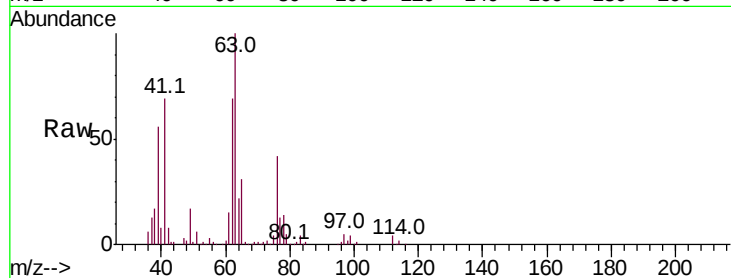




#45
 1,2-Dichloropropane
 Concen: 47.907 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN063524.D
 Acq: 22 Sep 2020 7:41

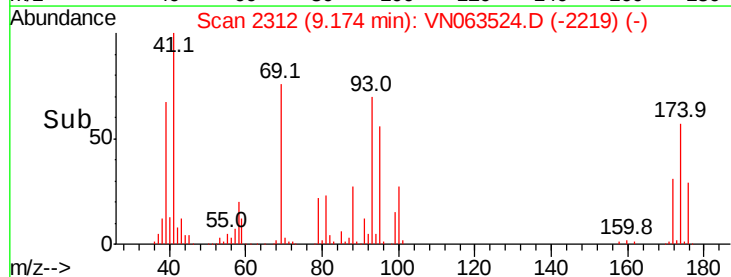
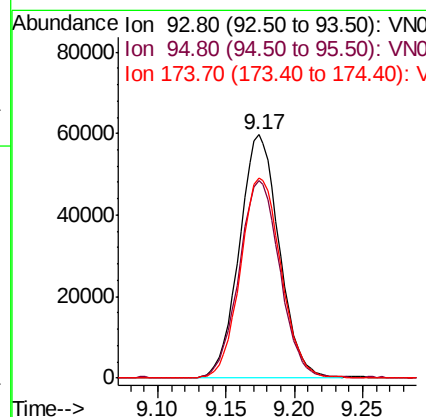
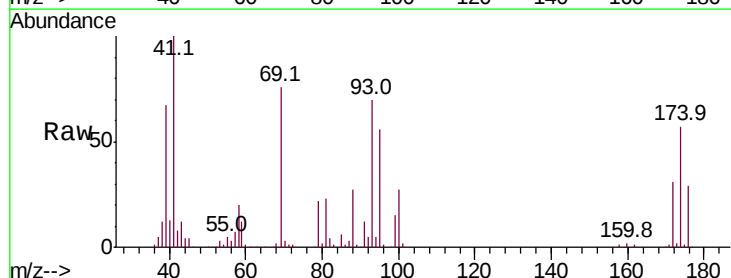
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

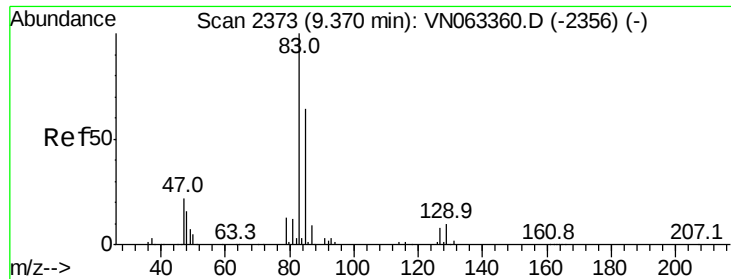
Tot Ion: 63 Resp: 178130
 Ion Ratio Lower Upper
 63 100
 65 31.3 25.0 37.6



#46
 Dibromomethane
 Concen: 49.657 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN063524.D
 Acq: 22 Sep 2020 7:41

Tgt Ion: 93 Resp: 121354
 Ion Ratio Lower Upper
 93 100
 95 83.1 65.6 98.4
 174 83.7 68.1 102.1

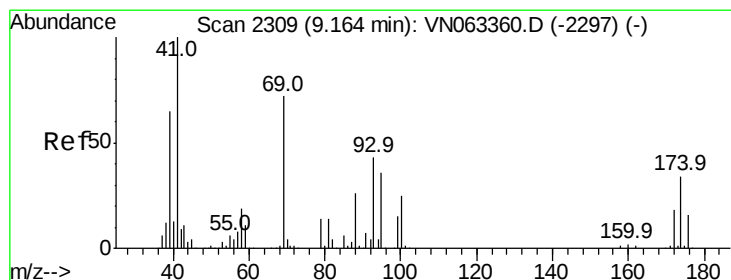
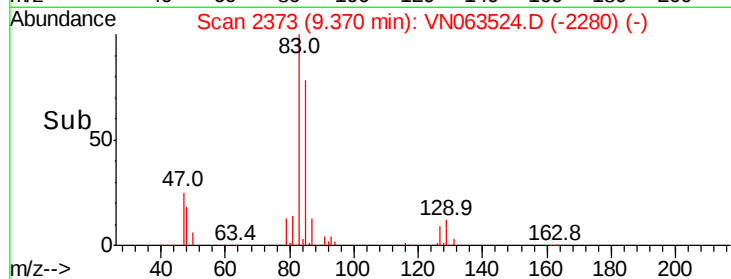
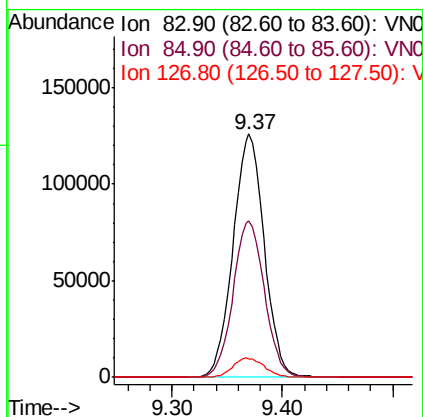
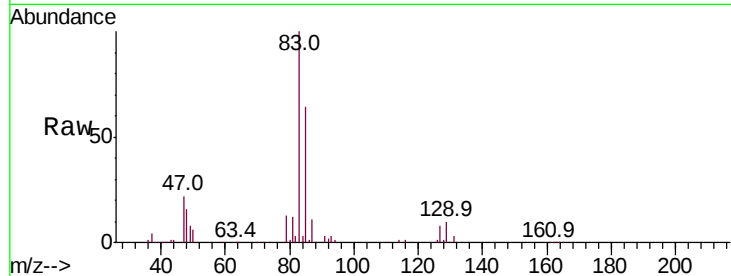




#47
 Bromodichloromethane
 Concen: 48.644 ug/l
 RT: 9.37 min Scan# 2373
 Delta R.T. -0.00 min
 Lab File: VN063524.D
 Acq: 22 Sep 2020 7:41

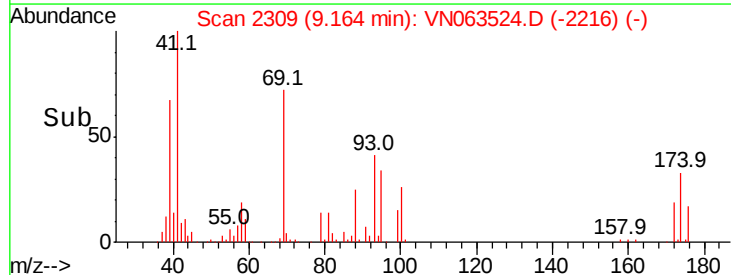
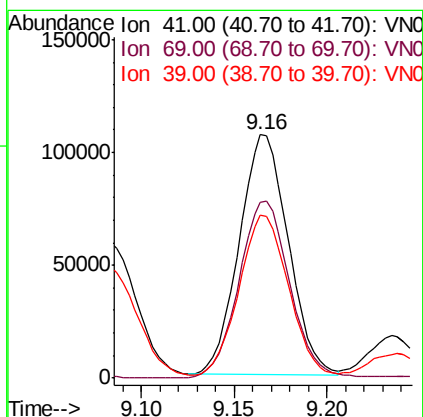
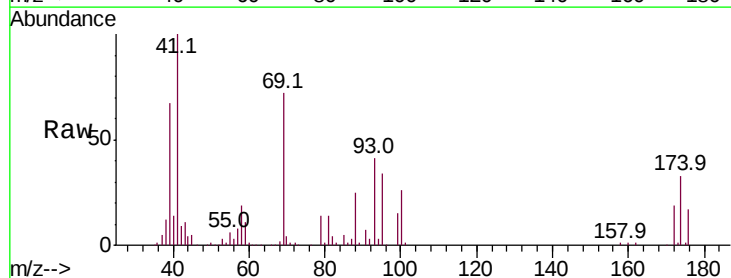
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

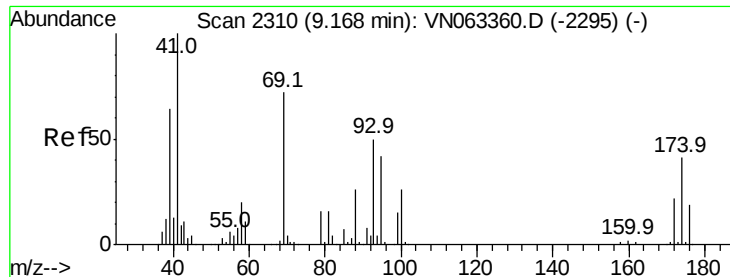
Tot Ion: 83 Resp: 246965
 Ion Ratio Lower Upper
 83 100
 85 64.3 51.0 76.6
 127 7.7 6.3 9.5



#48
 Methyl methacrylate
 Concen: 47.511 ug/l
 RT: 9.16 min Scan# 2309
 Delta R.T. -0.00 min
 Lab File: VN063524.D
 Acq: 22 Sep 2020 7:41

Tgt Ion: 41 Resp: 195912
 Ion Ratio Lower Upper
 41 100
 69 76.4 59.3 88.9
 39 69.0 52.9 79.3





#49

1,4-Dioxane

Concen: 968.018 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN063524.D

Acq: 22 Sep 2020 7:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

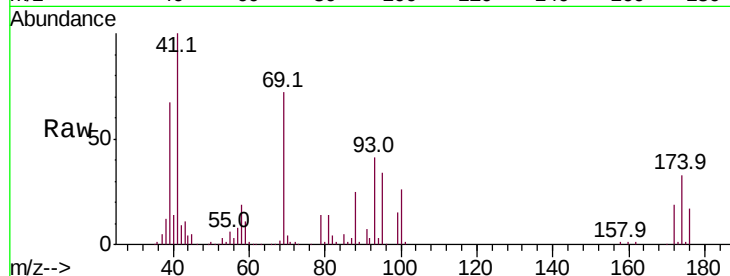
Tot Ion: 88 Resp: 57282

Ion Ratio Lower Upper

88 100

43 39.8 32.6 49.0

58 74.1 60.0 90.0

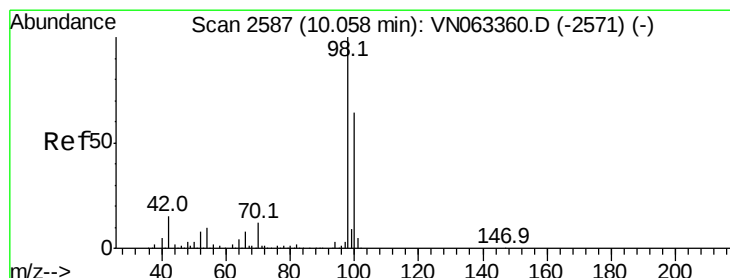
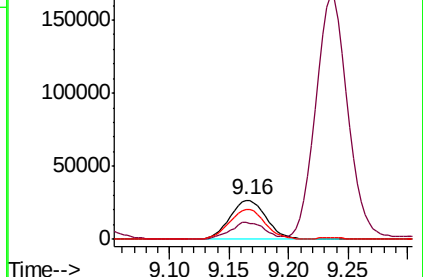
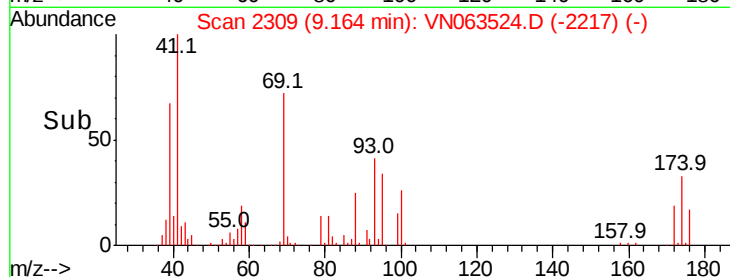


Abundance Ion 88.00 (87.70 to 88.70): VN063360.D (-2295) (-)

Ion 43.00 (42.70 to 43.70): VN063360.D (-2295) (-)

Ion 58.00 (57.70 to 58.70): VN063360.D (-2295) (-)

Time-->



#50

Toluene-d8

Concen: 47.606 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN063524.D

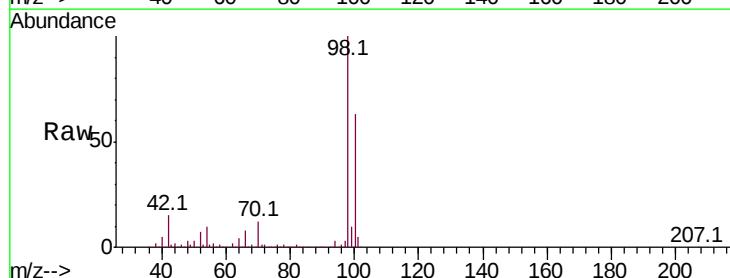
Acq: 22 Sep 2020 7:41

Tgt Ion: 98 Resp: 556296

Ion Ratio Lower Upper

98 100

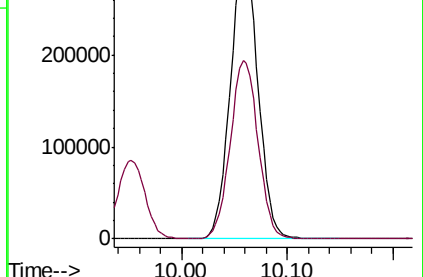
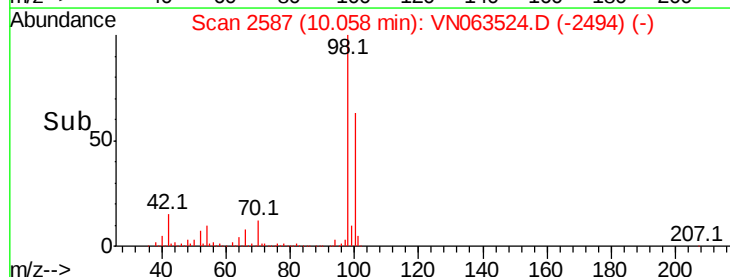
100 63.5 50.7 76.1

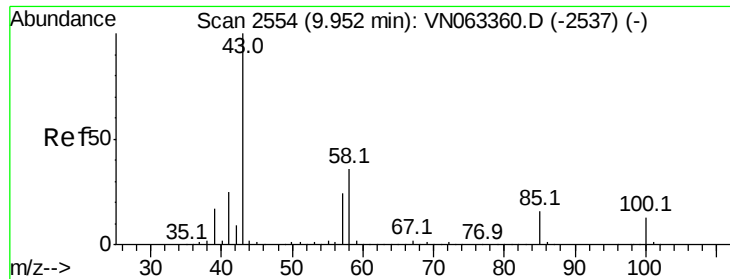


Abundance Ion 98.00 (97.70 to 98.70): VN063360.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN063360.D (-2571) (-)

Time-->





#51

4-Methyl-2-Pentanone

Concen: 258.368 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN063524.D

Acq: 22 Sep 2020 7:41

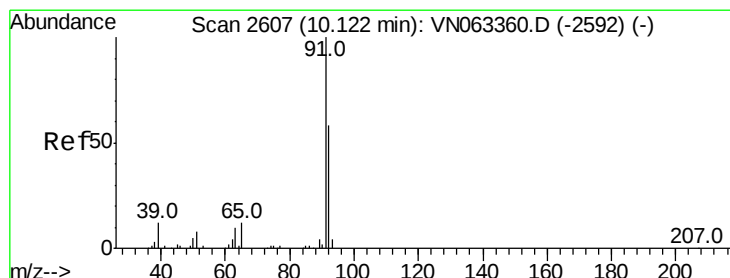
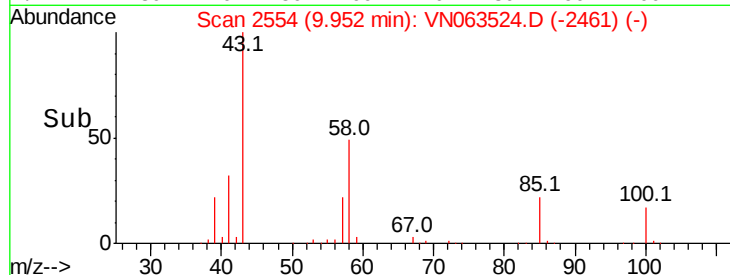
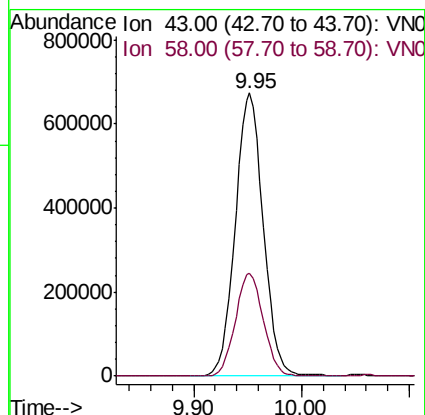
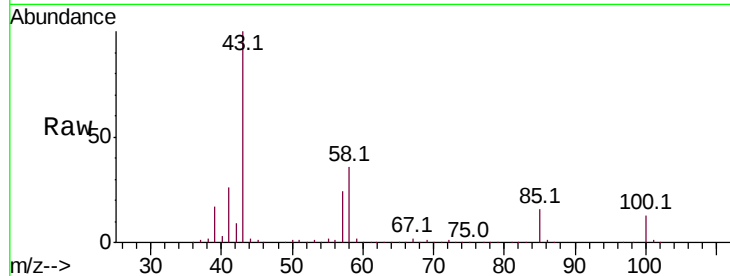
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1213980

Ion Ratio Lower Upper

43 100

58 36.5 29.0 43.6



#52

Toluene

Concen: 49.478 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN063524.D

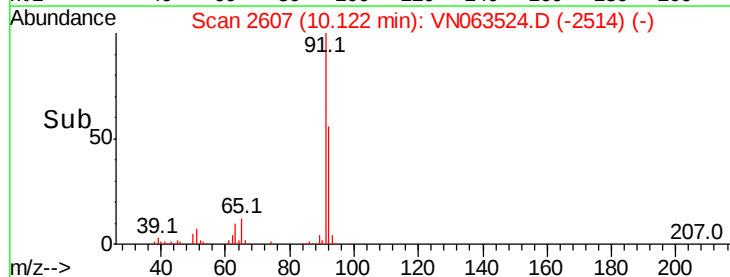
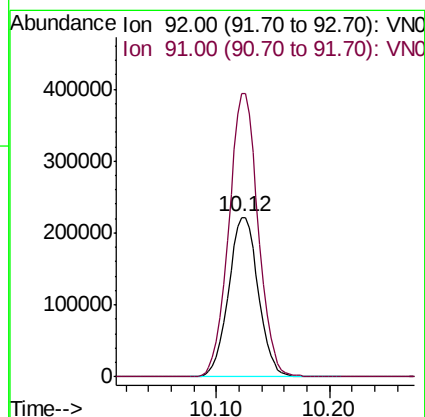
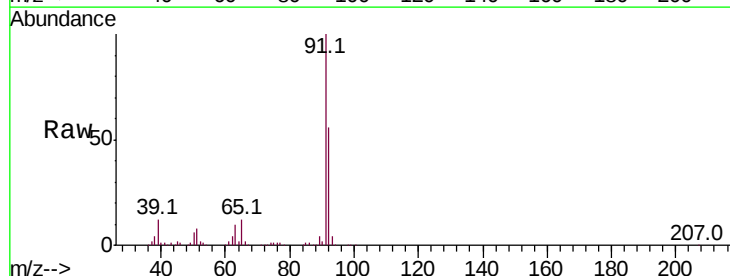
Acq: 22 Sep 2020 7:41

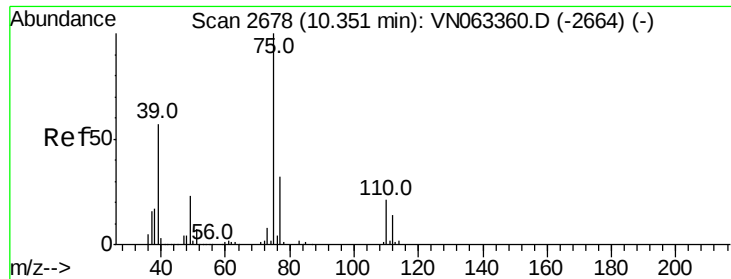
Tgt Ion: 92 Resp: 406116

Ion Ratio Lower Upper

92 100

91 175.4 139.7 209.5

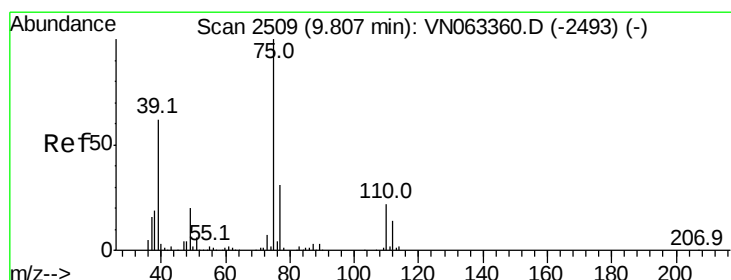
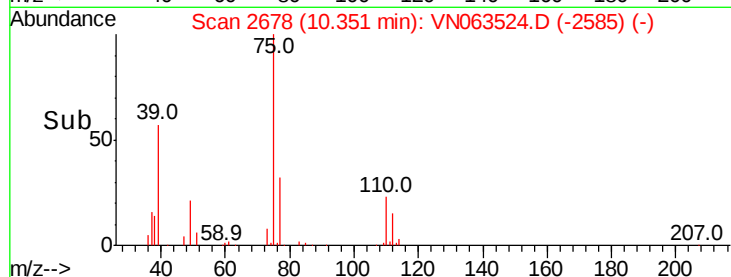
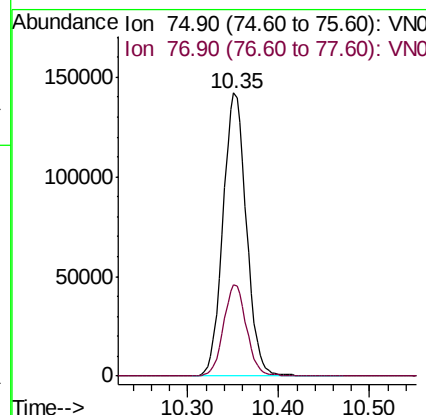
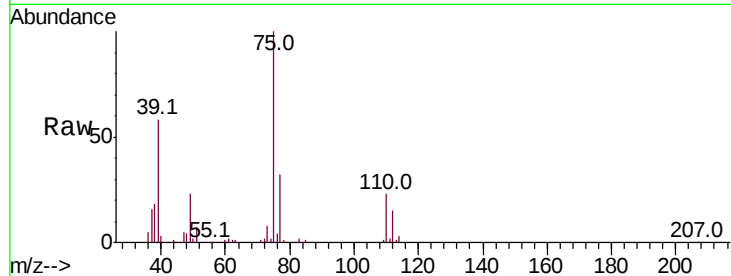




#53
 t-1,3-Dichloropropene
 Concen: 44.831 ug/l
 RT: 10.35 min Scan# 2678
 Delta R.T. -0.00 min
 Lab File: VN063524.D
 Acq: 22 Sep 2020 7:41

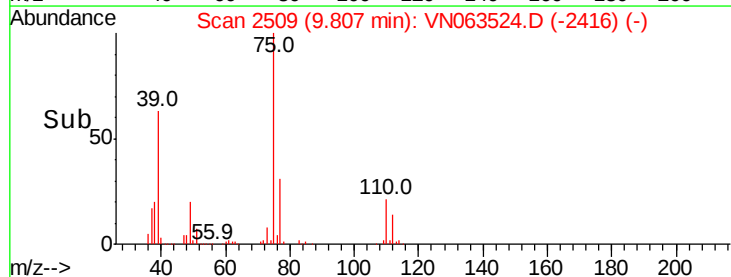
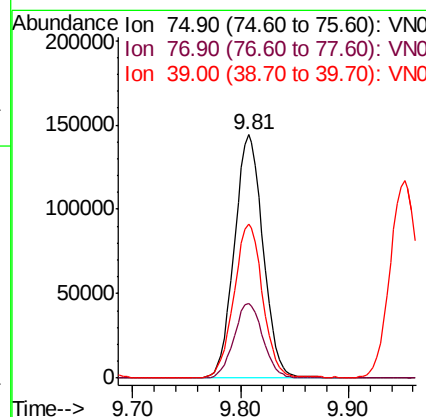
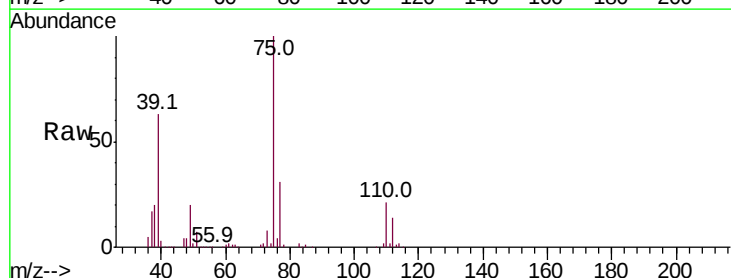
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

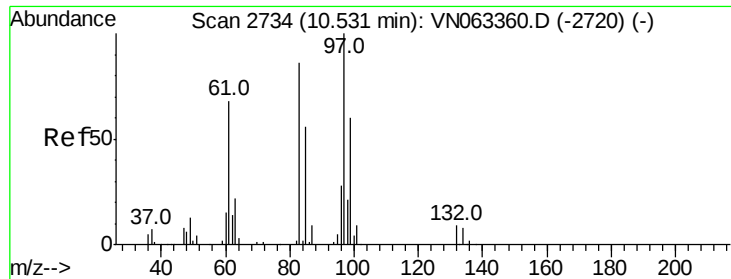
Tot Ion: 75 Resp: 254098
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 44.845 ug/l
 RT: 9.81 min Scan# 2509
 Delta R.T. -0.00 min
 Lab File: VN063524.D
 Acq: 22 Sep 2020 7:41

Tgt Ion: 75 Resp: 268106
 Ion Ratio Lower Upper
 75 100
 77 30.9 24.6 37.0
 39 63.2 49.8 74.8



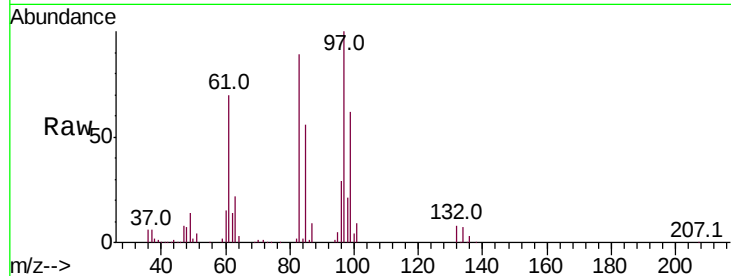


#55
 1,1,2-Trichloroethane
 Concen: 50.329 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN063524.D
 Acq: 22 Sep 2020 7:41

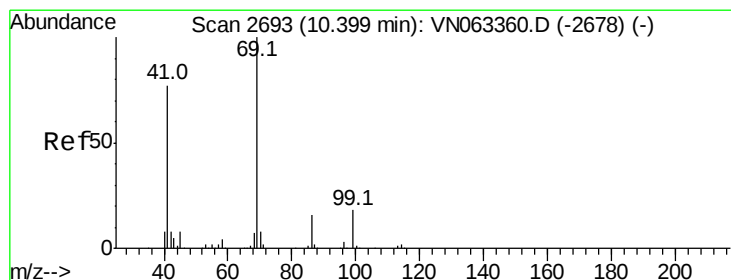
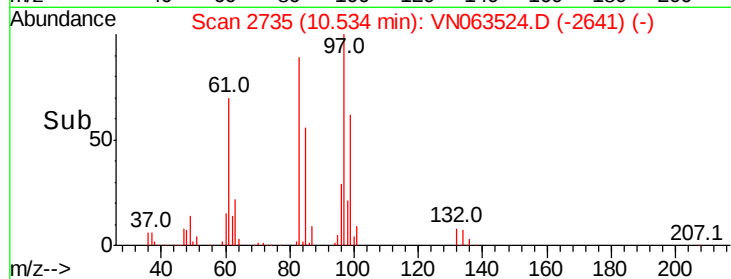
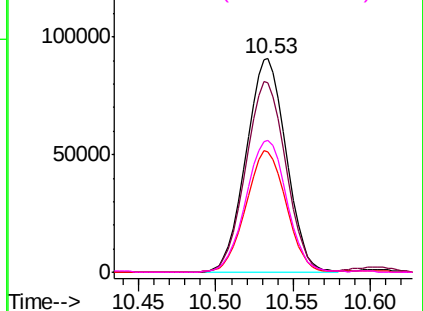
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050EC

Tot Ion: 97 Resp: 164086

Ion	Ratio	Lower	Upper
97	100		
83	88.6	68.9	103.3
85	56.4	44.8	67.2
99	62.0	47.8	71.8



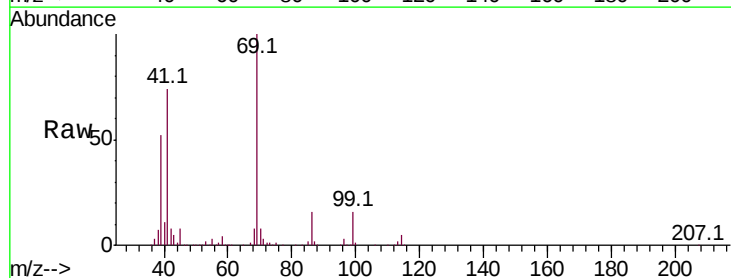
Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0



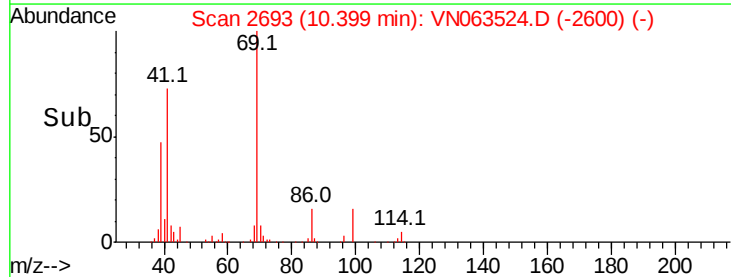
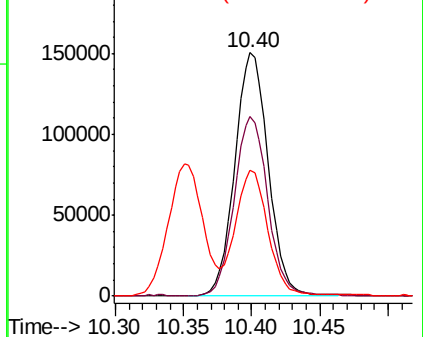
#56
 Ethyl methacrylate
 Concen: 50.292 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. -0.00 min
 Lab File: VN063524.D
 Acq: 22 Sep 2020 7:41

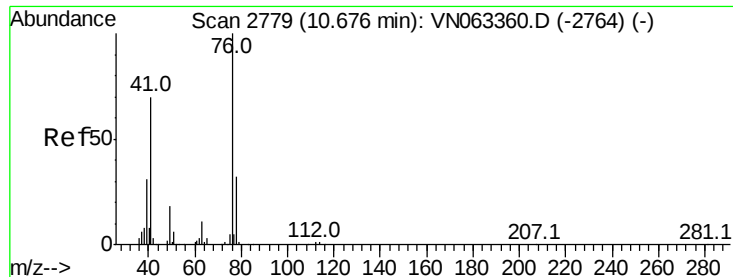
Tgt Ion: 69 Resp: 255973

Ion	Ratio	Lower	Upper
69	100		
41	73.2	61.0	91.6
39	49.6	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: 47.630 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN063524.D

Acq: 22 Sep 2020 7:41

Instrument :

MSVOA_N

ClientSampleId :

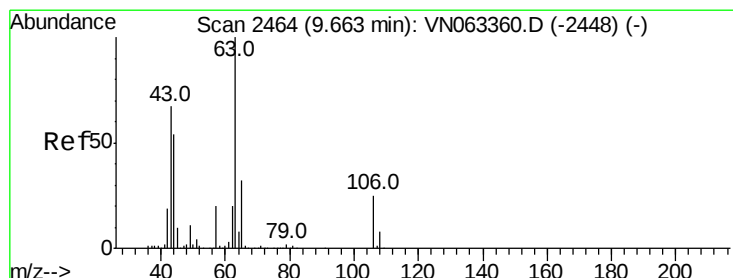
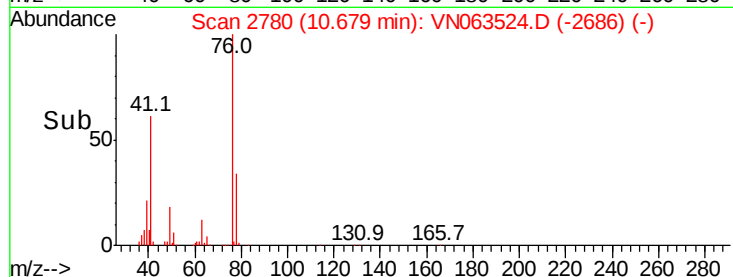
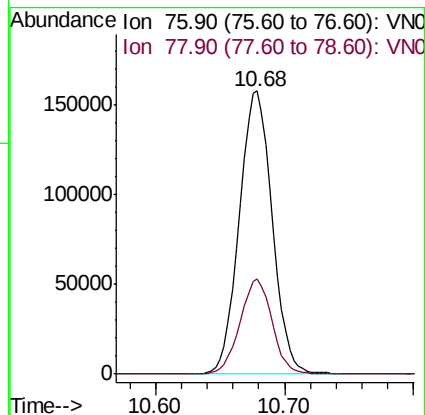
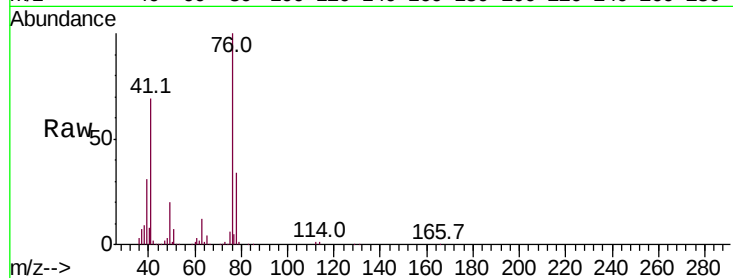
VSTDCCC050EC

Tot Ion: 76 Resp: 280035

Ion Ratio Lower Upper

76 100

78 32.9 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 240.501 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. -0.00 min

Lab File: VN063524.D

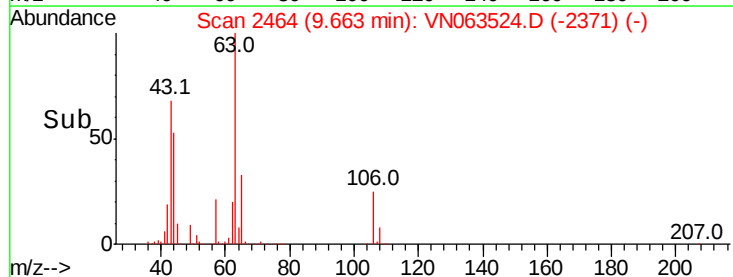
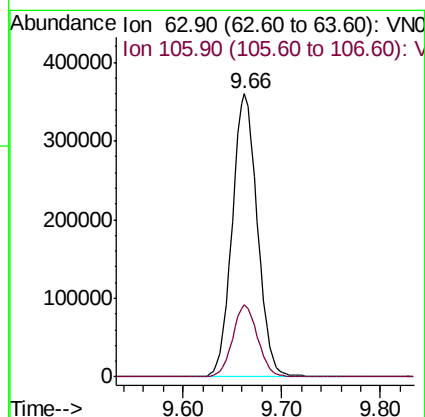
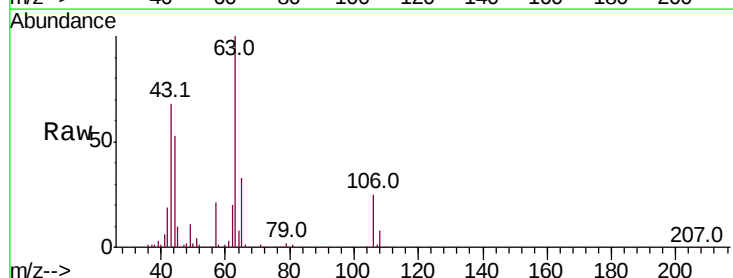
Acq: 22 Sep 2020 7:41

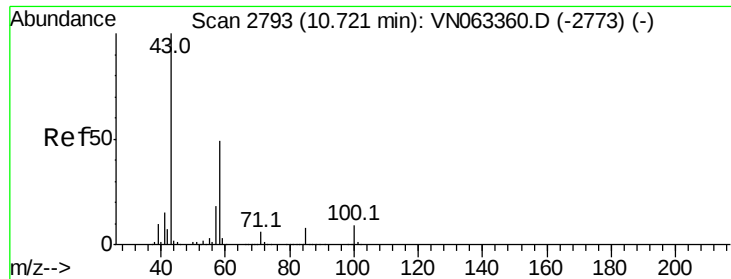
Tgt Ion: 63 Resp: 642127

Ion Ratio Lower Upper

63 100

106 25.3 19.5 29.3

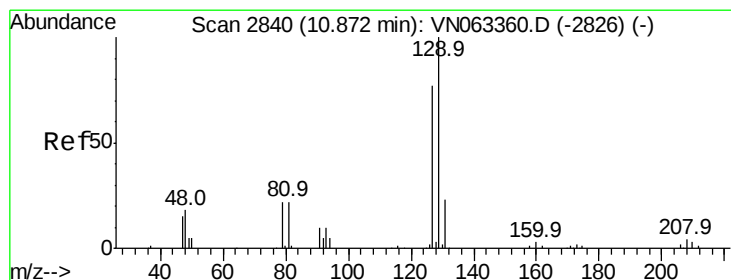
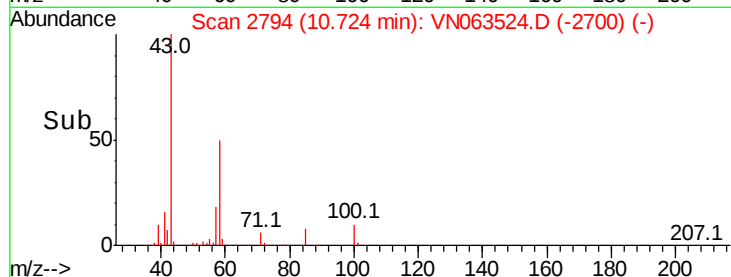
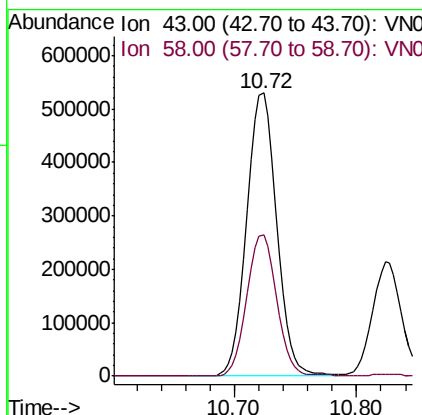
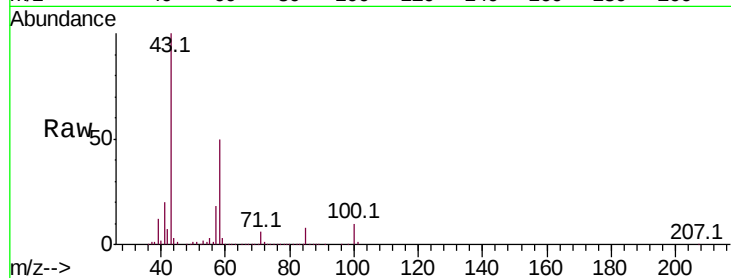




#59
2-Hexanone
Concen: 263.269 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN063524.D
Acq: 22 Sep 2020 7:41

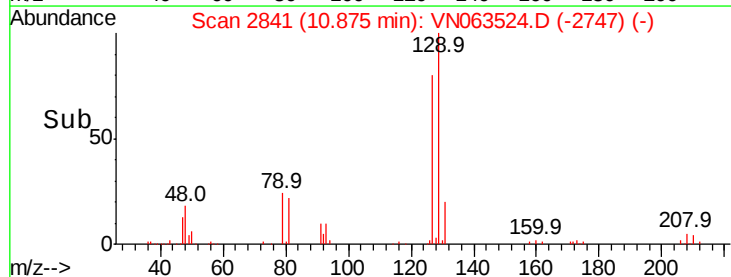
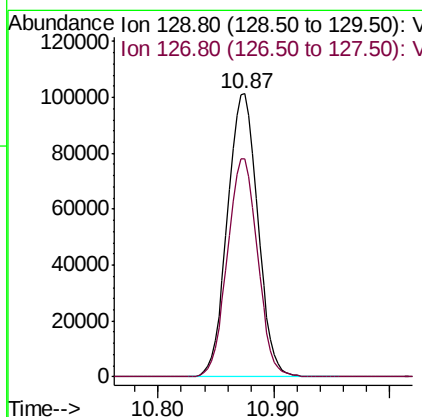
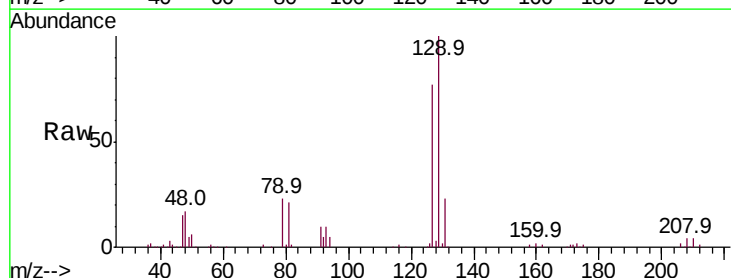
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

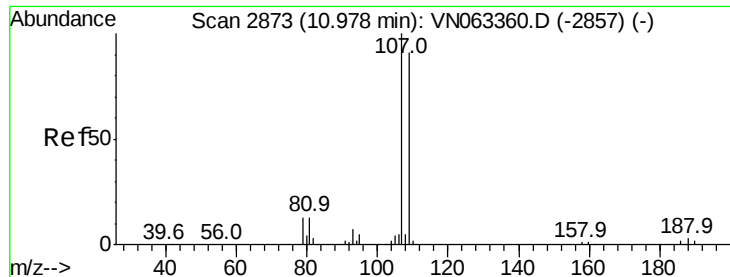
Tot Ion: 43 Resp: 896177
Ion Ratio Lower Upper
43 100
58 50.0 24.7 74.1



#60
Dibromochloromethane
Concen: 49.805 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN063524.D
Acq: 22 Sep 2020 7:41

Tgt Ion: 129 Resp: 183446
Ion Ratio Lower Upper
129 100
127 76.5 39.1 117.3





#61

1,2-Dibromoethane

Concen: 49.673 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. -0.00 min

Lab File: VN063524.D

Acq: 22 Sep 2020 7:41

Instrument :

MSVOA_N

ClientSampleId :

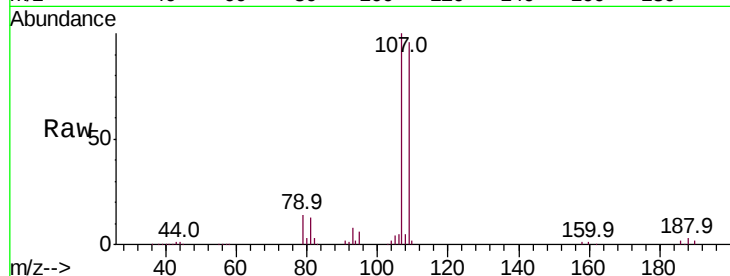
VSTDCCC050EC

Tot Ion:107 Resp: 168253

Ion Ratio Lower Upper

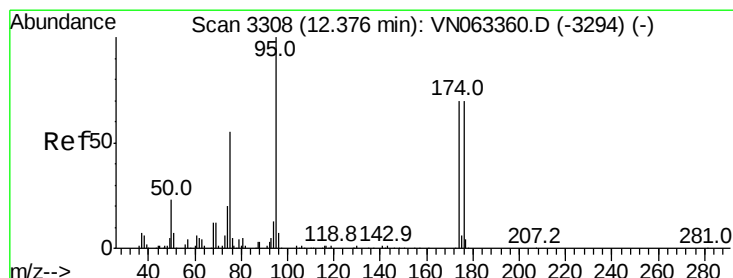
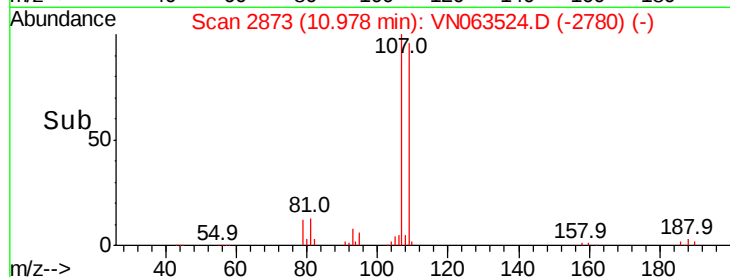
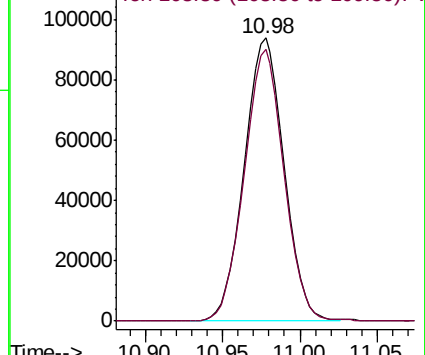
107 100

109 96.0 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: 50.372 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063524.D

Acq: 22 Sep 2020 7:41

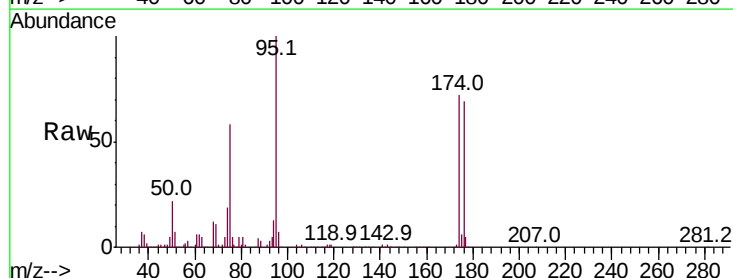
Tgt Ion: 95 Resp: 215775

Ion Ratio Lower Upper

95 100

174 71.5 0.0 140.8

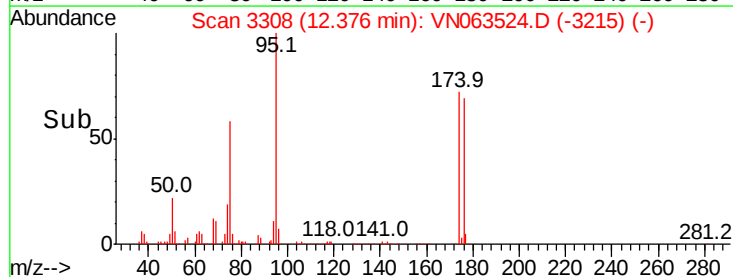
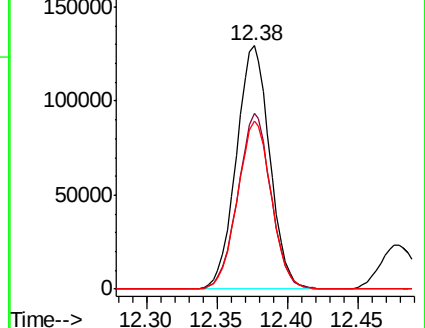
176 69.9 0.0 137.6

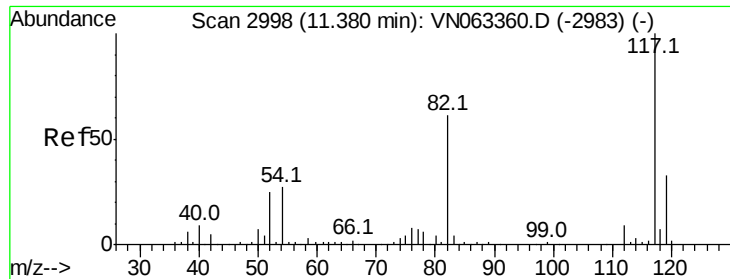


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

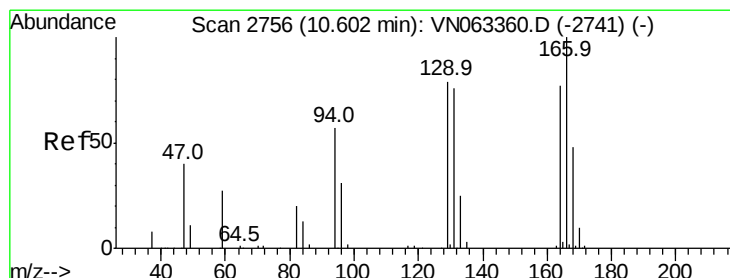
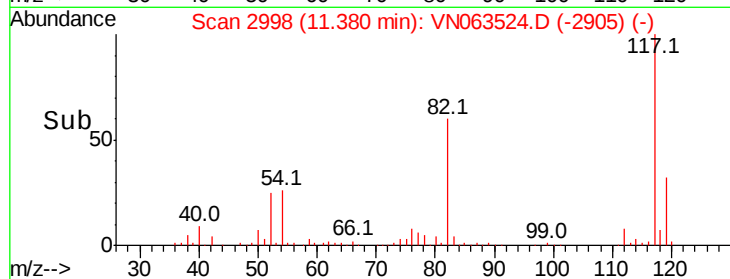
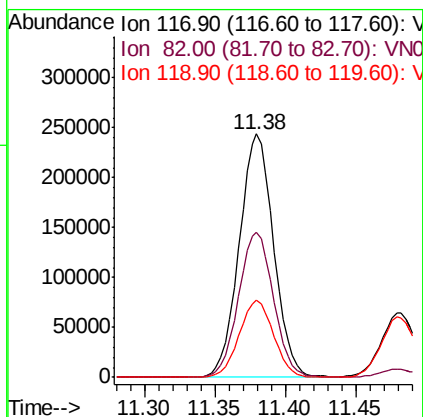
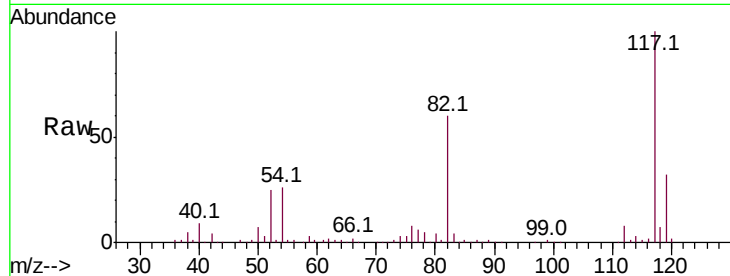




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063524.D
Acq: 22 Sep 2020 7:41

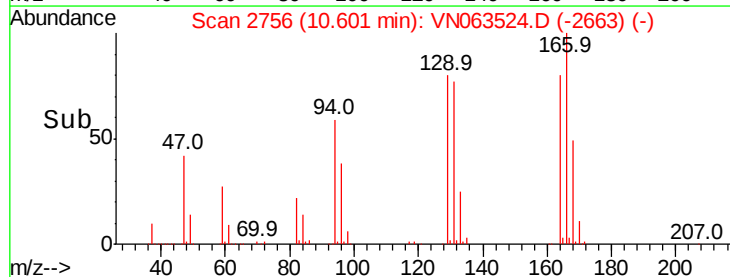
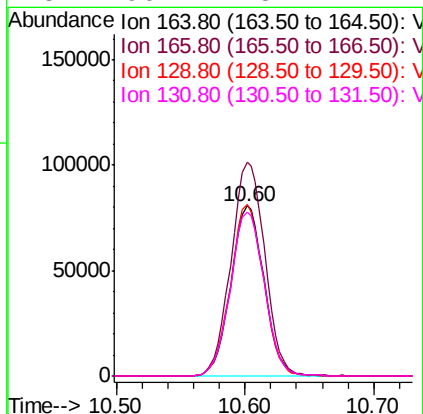
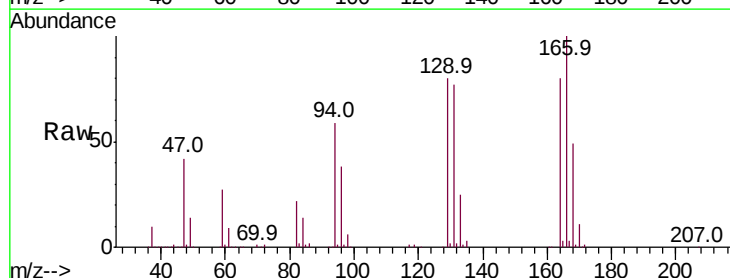
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

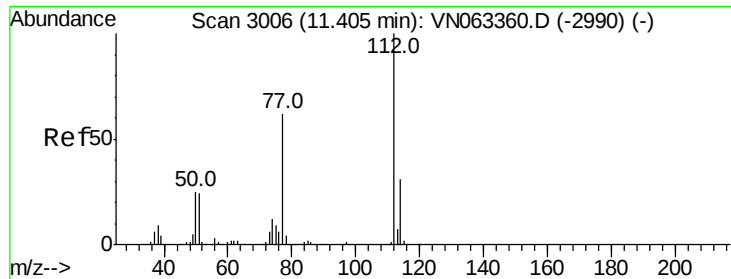
Tot Ion:117 Resp: 418230
Ion Ratio Lower Upper
117 100
82 59.7 49.2 73.8
119 31.6 26.2 39.4



#64
Tetrachloroethene
Concen: 50.589 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN063524.D
Acq: 22 Sep 2020 7:41

Tgt Ion:164 Resp: 144069
Ion Ratio Lower Upper
164 100
166 125.5 103.4 155.0
129 100.7 81.8 122.6
131 96.4 78.2 117.4

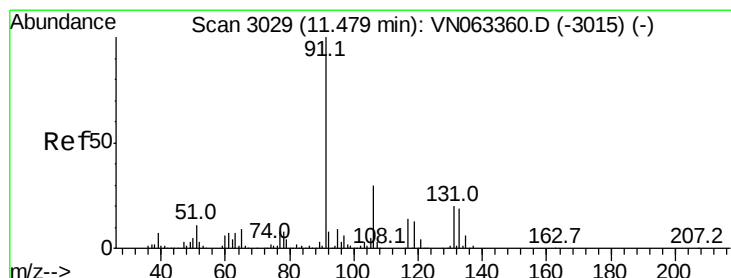
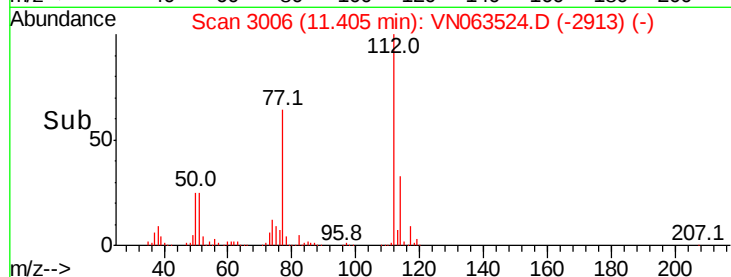
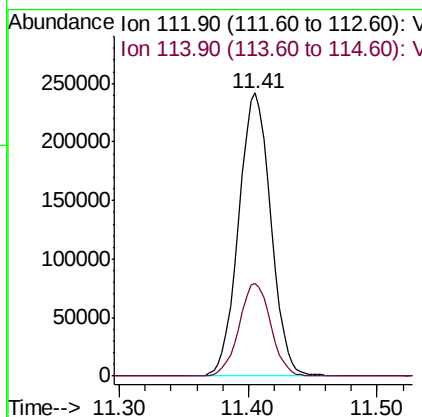
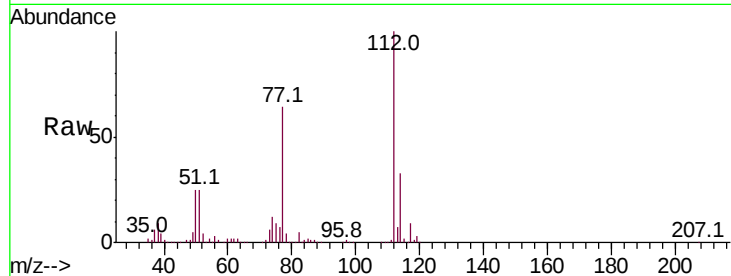




#65
Chlorobenzene
Concen: 47.306 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN063524.D
Acq: 22 Sep 2020 7:41

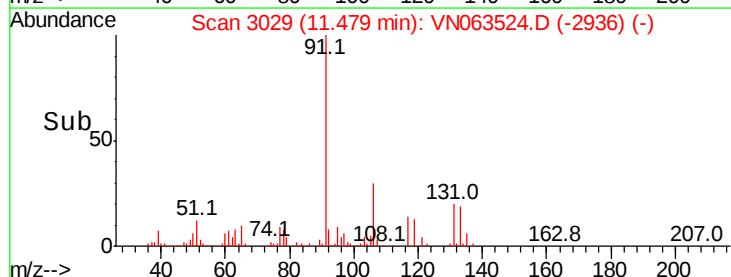
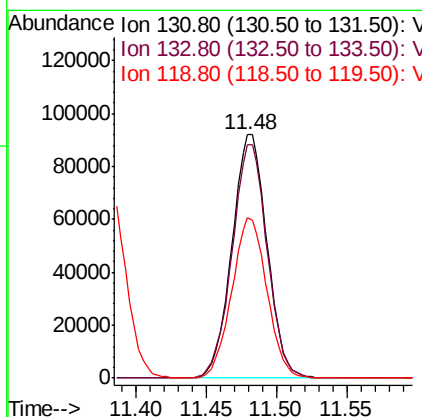
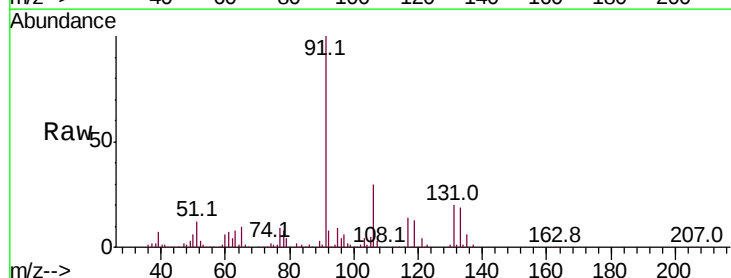
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

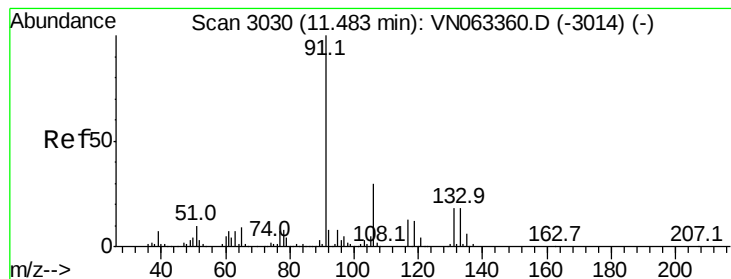
Tot Ion:112 Resp: 419979
Ion Ratio Lower Upper
112 100
114 33.0 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 49.280 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN063524.D
Acq: 22 Sep 2020 7:41

Tgt Ion:131 Resp: 160370
Ion Ratio Lower Upper
131 100
133 96.3 47.3 141.9
119 66.1 33.6 100.8





#67

Ethyl Benzene

Concen: 47.677 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. -0.00 min

Lab File: VN063524.D

Acq: 22 Sep 2020 7:41

Instrument :

MSVOA_N

ClientSampleId :

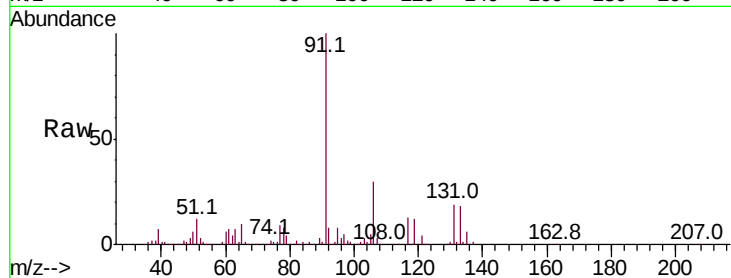
VSTDCCC050EC

Tot Ion: 91 Resp: 797097

Ion Ratio Lower Upper

91 100

106 30.0 23.8 35.6



Abundance Ion 91.00 (90.70 to 91.70): VN063360.D (-3014) (-)

Ion 106.00 (105.70 to 106.70): VN063360.D (-3014) (-)

600000

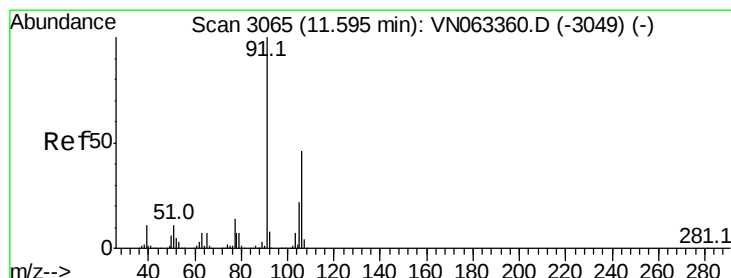
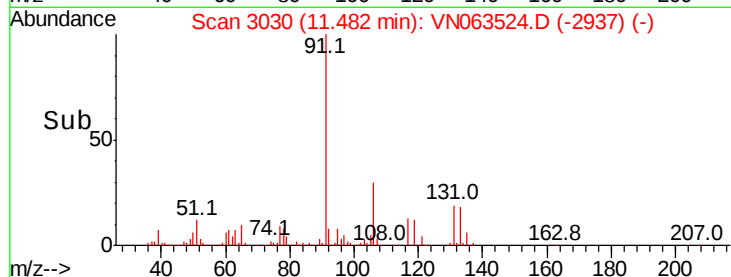
400000

200000

0

11.40 11.45 11.50 11.55

Time-->



#68

m/p-Xylenes

Concen: 96.843 ug/l

RT: 11.59 min Scan# 3065

Delta R.T. -0.00 min

Lab File: VN063524.D

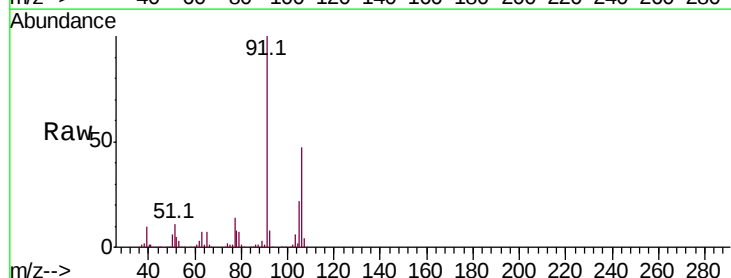
Acq: 22 Sep 2020 7:41

Tgt Ion:106 Resp: 583762

Ion Ratio Lower Upper

106 100

91 211.2 171.2 256.8



Abundance Ion 106.00 (105.70 to 106.70): VN063360.D (-3049) (-)

Ion 91.00 (90.70 to 91.70): VN063360.D (-3049) (-)

600000

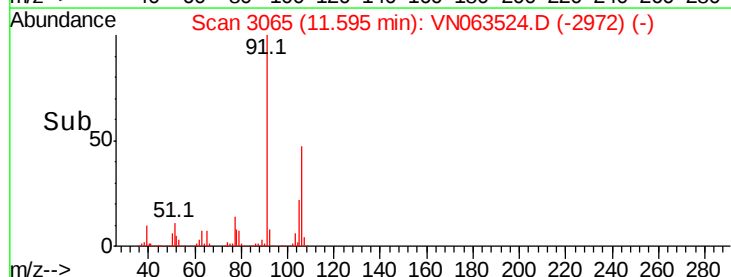
400000

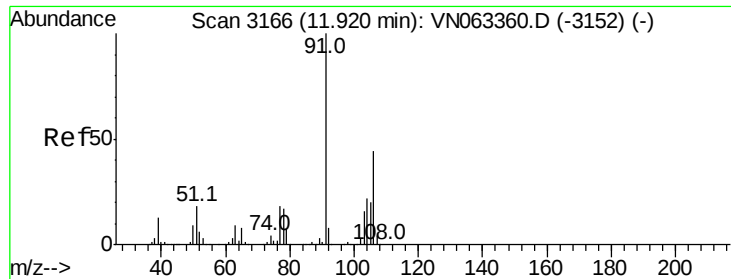
200000

0

11.50 11.55 11.60 11.65

Time-->

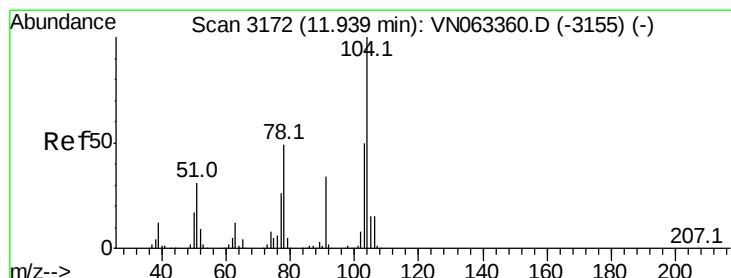
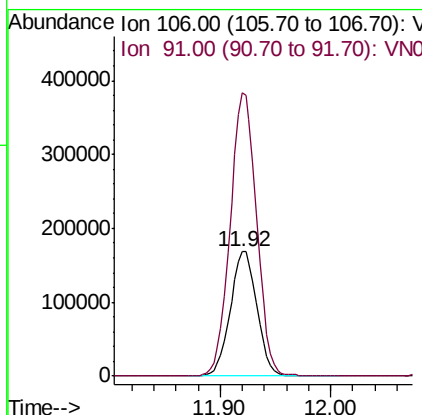
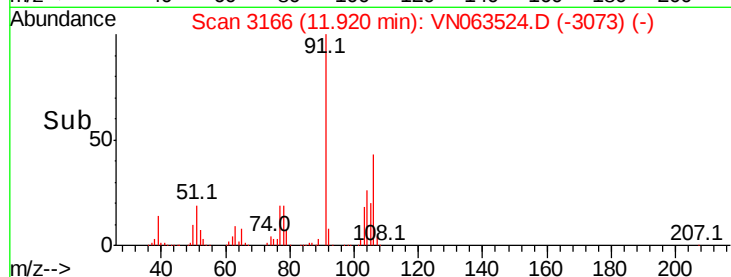
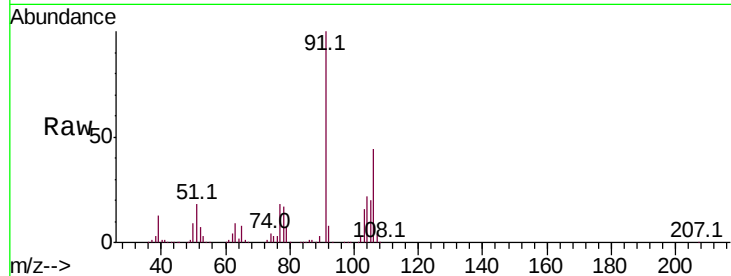




#69
o-Xylene
Concen: 49.158 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN063524.D
Acq: 22 Sep 2020 7:41

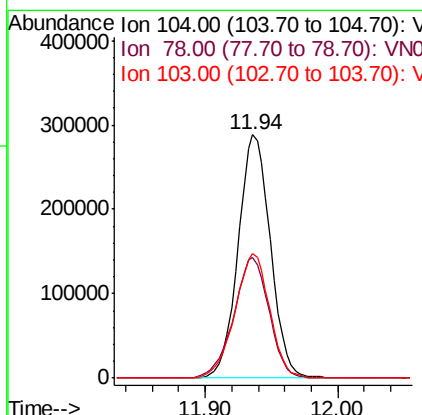
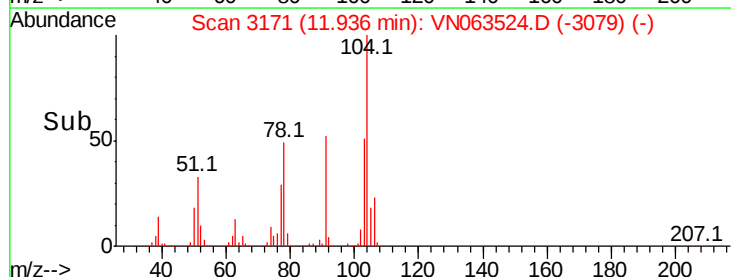
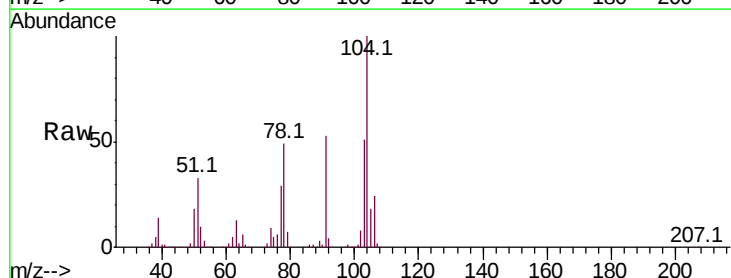
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

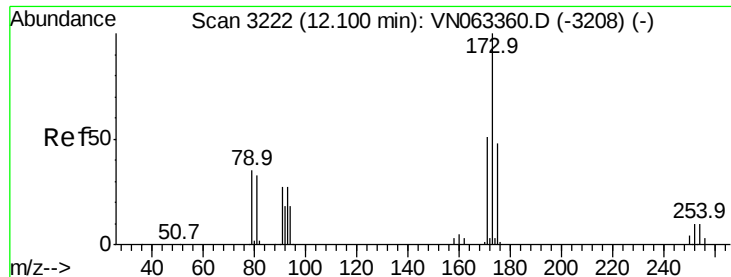
Tot Ion:106 Resp: 282276
Ion Ratio Lower Upper
106 100
91 225.6 113.6 340.8



#70
Styrene
Concen: 50.604 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN063524.D
Acq: 22 Sep 2020 7:41

Tgt Ion:104 Resp: 487299
Ion Ratio Lower Upper
104 100
78 54.3 44.4 66.6
103 54.9 43.7 65.5





#71

Bromoform

Concen: 49.967 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. -0.00 min

Lab File: VN063524.D

Acq: 22 Sep 2020 7:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

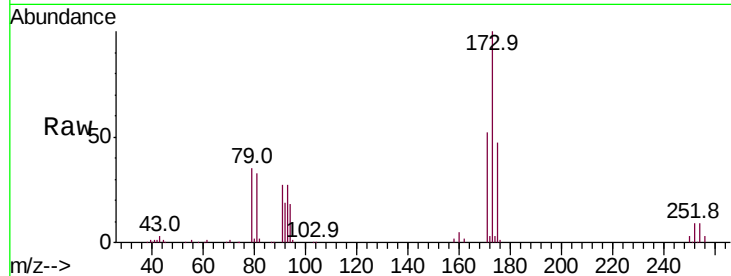
Tot Ion:173 Resp: 121137

Ion Ratio Lower Upper

173 100

175 48.5 24.0 72.0

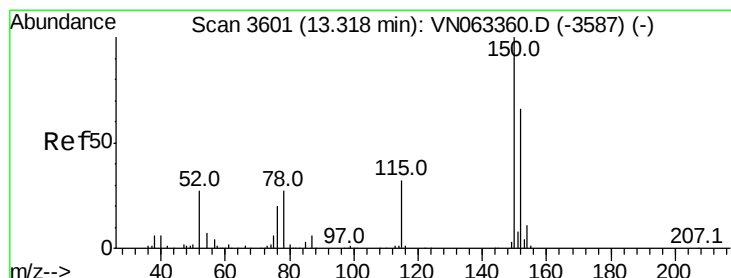
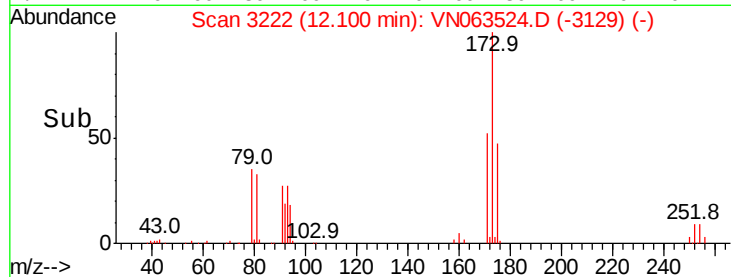
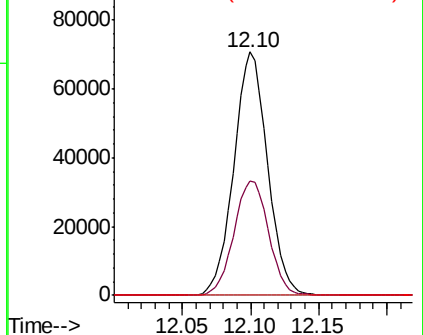
254 0.0 0.0 0.0#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. -0.00 min

Lab File: VN063524.D

Acq: 22 Sep 2020 7:41

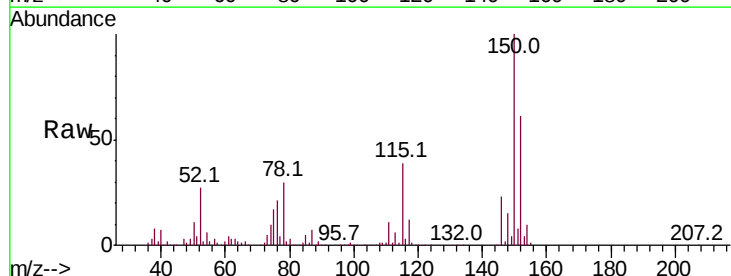
Tgt Ion:152 Resp: 198871

Ion Ratio Lower Upper

152 100

115 64.2 32.2 96.6

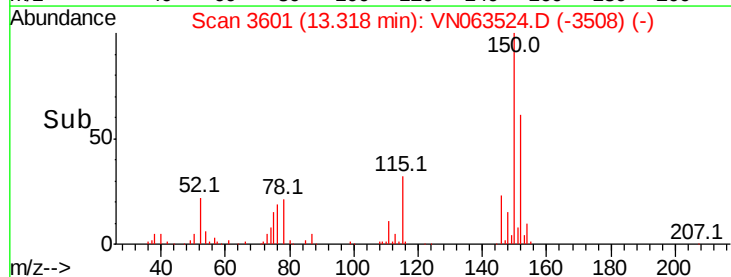
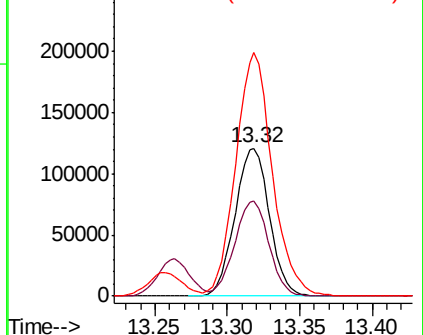
150 174.9 0.0 343.4

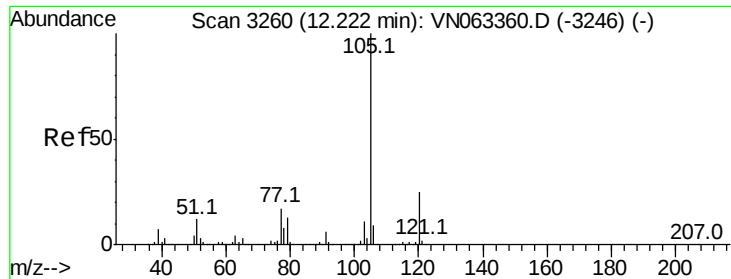


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

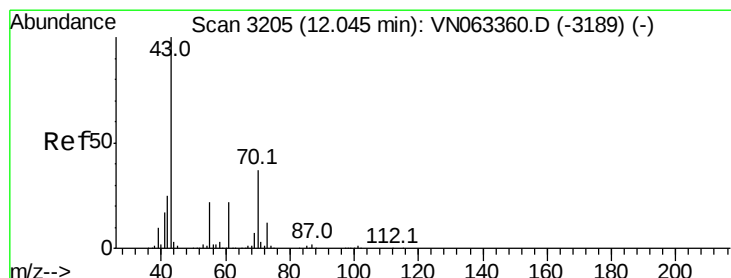
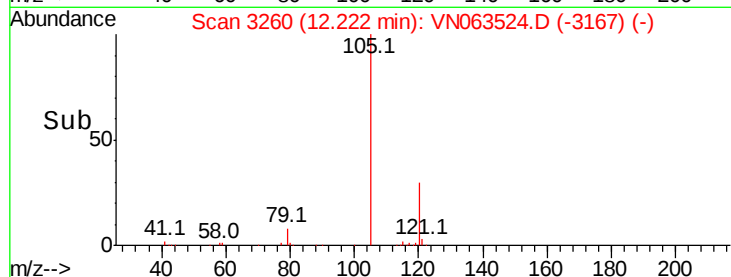
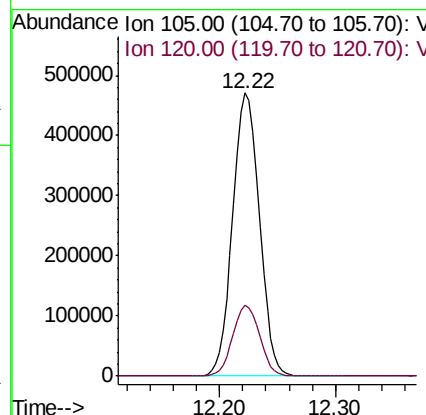
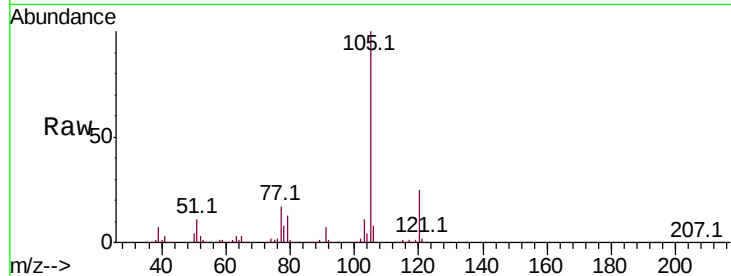




#73
Isopropylbenzene
Concen: 47.290 ug/l
RT: 12.22 min Scan# 3260
Delta R.T. -0.00 min
Lab File: VN063524.D
Acq: 22 Sep 2020 7:41

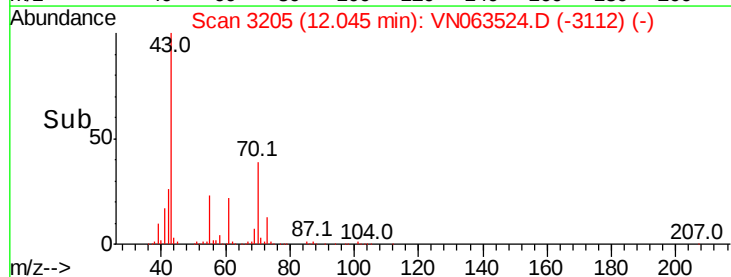
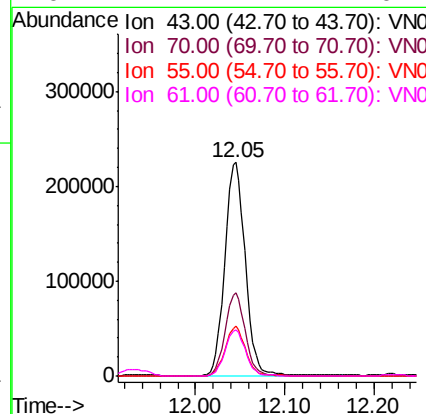
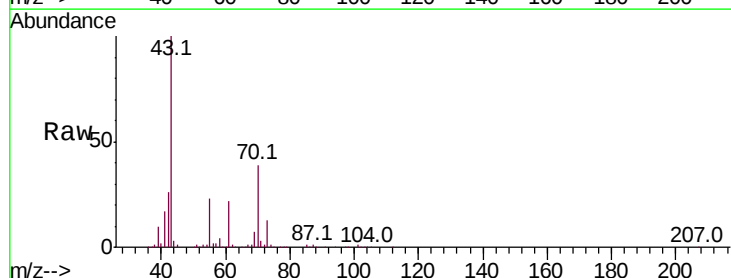
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

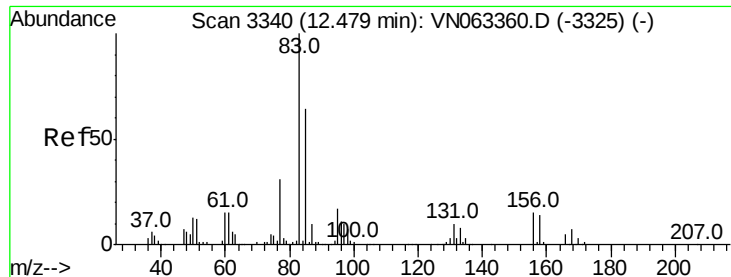
Tot Ion:105 Resp: 753625
Ion Ratio Lower Upper
105 100
120 25.2 12.7 38.0



#74
N-ethyl acetate
Concen: 47.642 ug/l
RT: 12.05 min Scan# 3205
Delta R.T. -0.00 min
Lab File: VN063524.D
Acq: 22 Sep 2020 7:41

Tgt Ion: 43 Resp: 359399
Ion Ratio Lower Upper
43 100
70 38.0 29.6 44.4
55 23.0 17.7 26.5
61 21.7 17.4 26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 48.196 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN063524.D

Acq: 22 Sep 2020 7:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

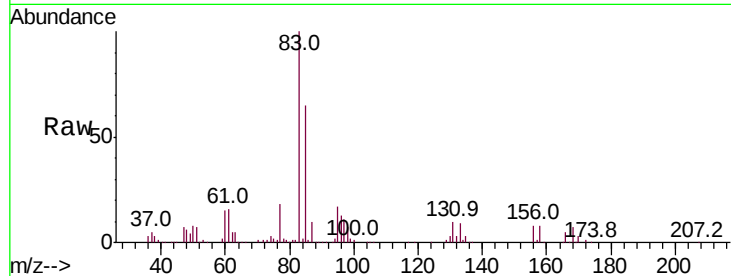
Tot Ion: 83 Resp: 237821

Ion Ratio Lower Upper

83 100

131 9.8 4.9 14.7

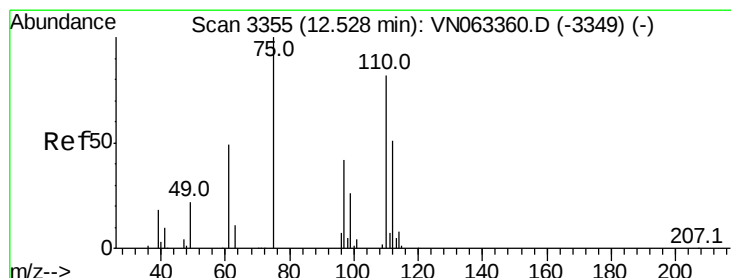
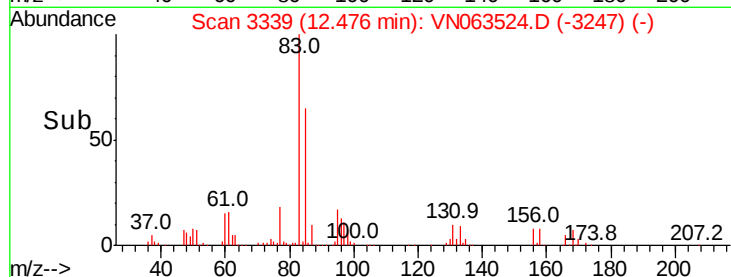
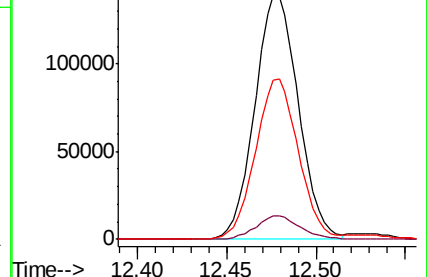
85 64.8 32.0 96.0



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: 65.597 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. -0.00 min

Lab File: VN063524.D

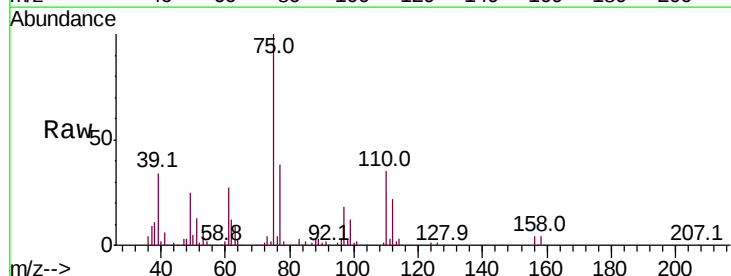
Acq: 22 Sep 2020 7:41

Tgt Ion: 75 Resp: 322889

Ion Ratio Lower Upper

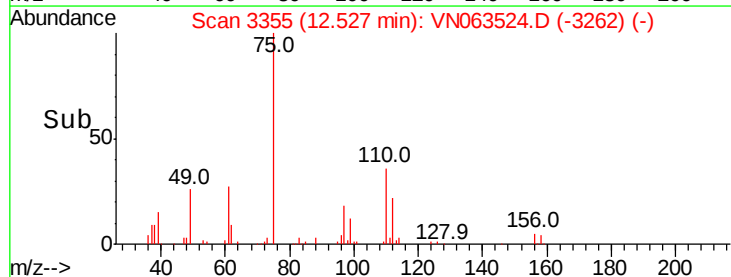
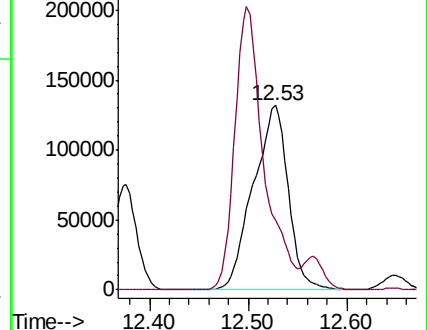
75 100

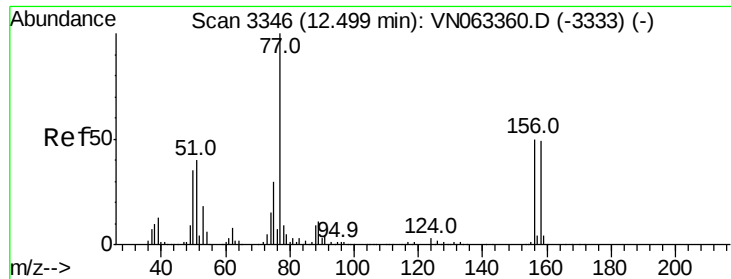
77 0.0 0.0 0.0



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: 49.432 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN063524.D

Acq: 22 Sep 2020 7:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

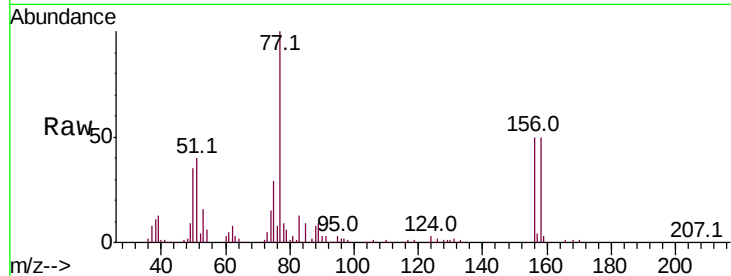
Tot Ion:156 Resp: 177202

Ion Ratio Lower Upper

156 100

77 233.9 120.2 360.6

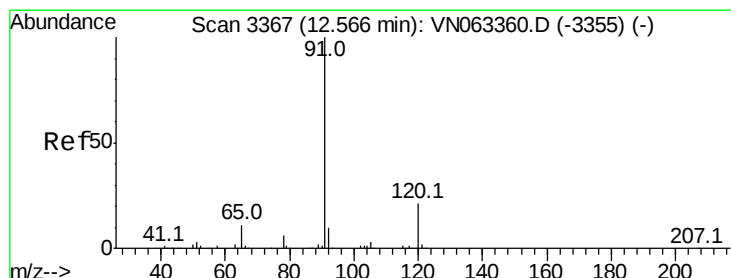
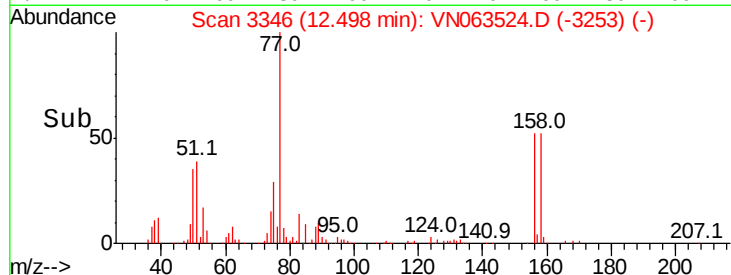
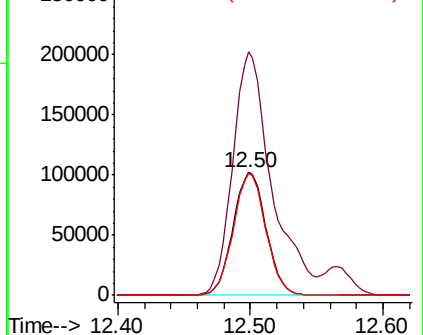
158 97.3 48.9 146.6



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: 47.073 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063524.D

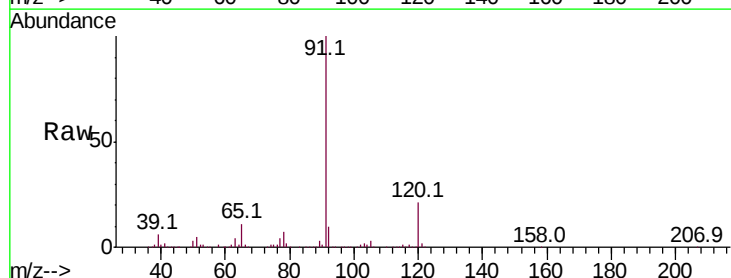
Acq: 22 Sep 2020 7:41

Tgt Ion: 91 Resp: 873743

Ion Ratio Lower Upper

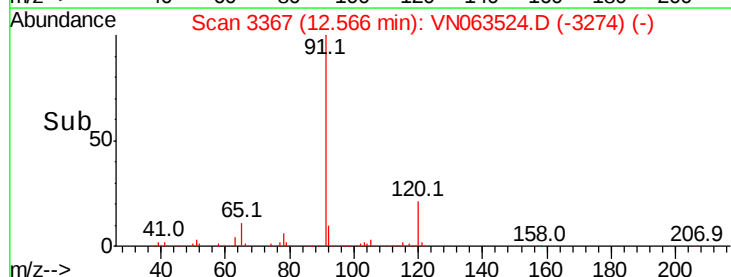
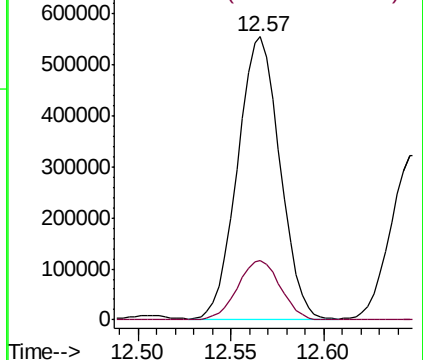
91 100

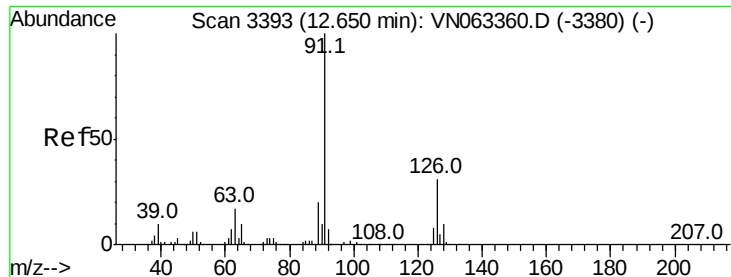
120 21.4 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.084 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. -0.00 min

Lab File: VN063524.D

Acq: 22 Sep 2020 7:41

Instrument :

MSVOA_N

ClientSampleId :

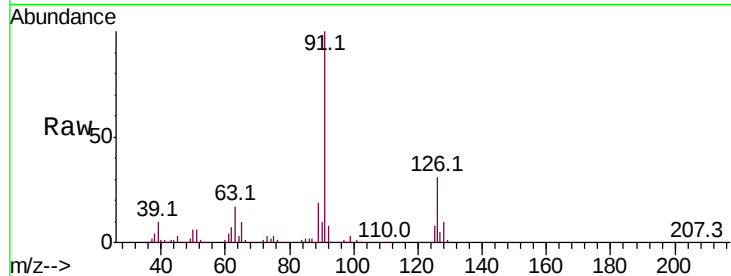
VSTDCCC050EC

Tot Ion: 91 Resp: 535011

Ion Ratio Lower Upper

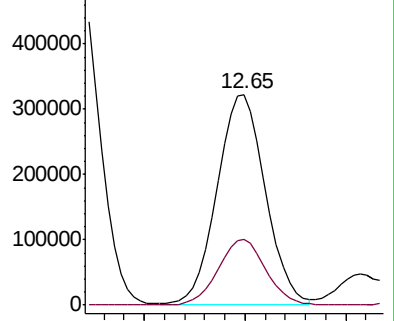
91 100

126 31.1 15.8 47.3

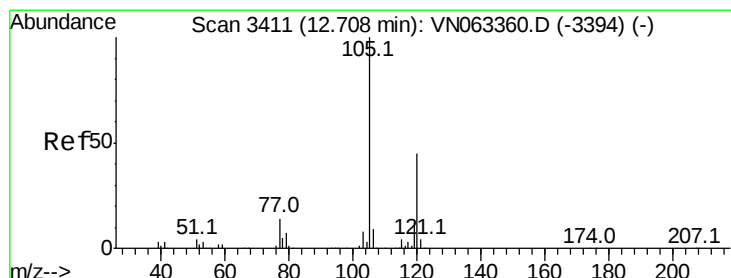
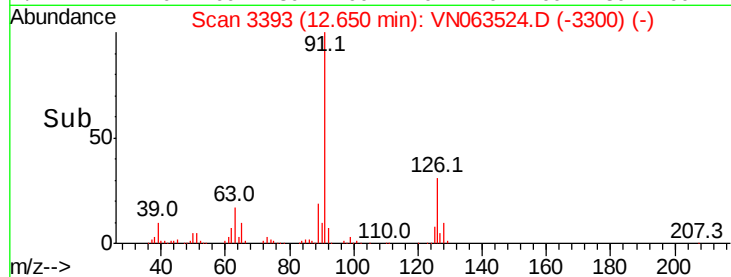


Abundance Ion 91.00 (90.70 to 91.70): VN063360.D (-3380) (-)

Ion 125.90 (125.60 to 126.60): VN063360.D (-3380) (-)



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 47.569 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN063524.D

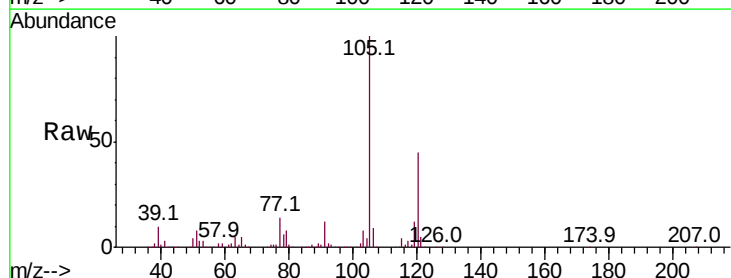
Acq: 22 Sep 2020 7:41

Tgt Ion: 105 Resp: 632135

Ion Ratio Lower Upper

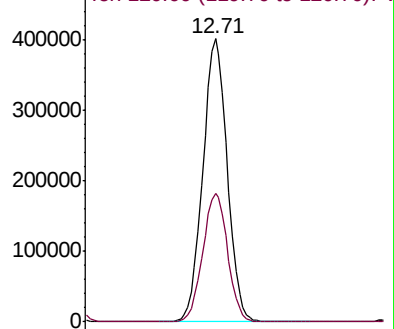
105 100

120 46.2 22.9 68.8

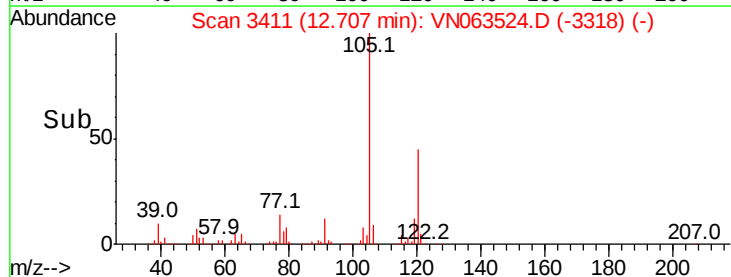


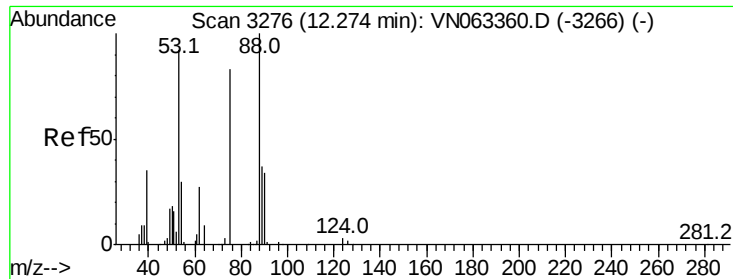
Abundance Ion 105.00 (104.70 to 105.70): VN063360.D (-3394) (-)

Ion 120.00 (119.70 to 120.70): VN063360.D (-3394) (-)



Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 41.690 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. -0.00 min

Lab File: VN063524.D

Acq: 22 Sep 2020 7:41

Instrument :

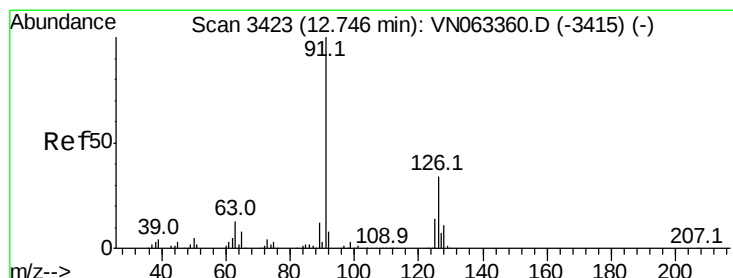
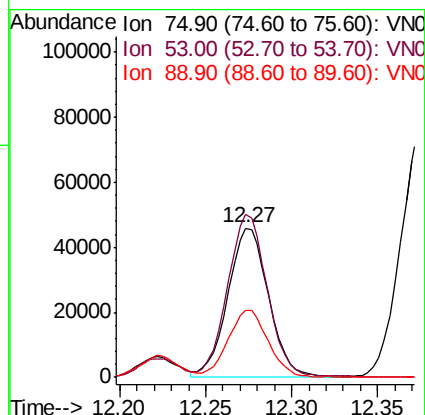
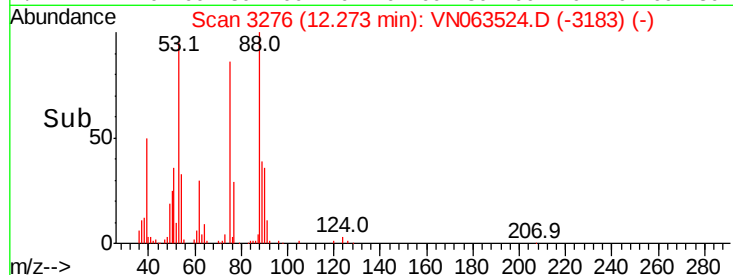
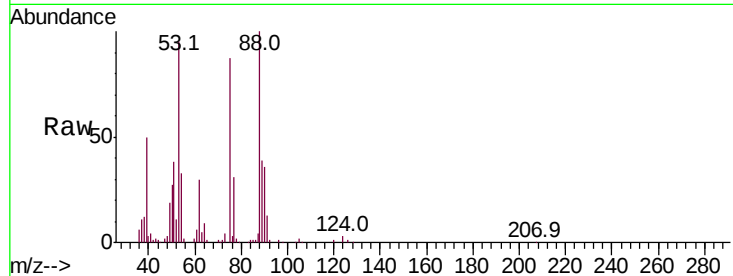
MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 74850

Ion	Ratio	Lower	Upper
75	100		
53	108.5	85.7	128.5
89	45.2	38.0	57.0



#82

4-Chlorotoluene

Concen: 47.411 ug/l

RT: 12.75 min Scan# 3423

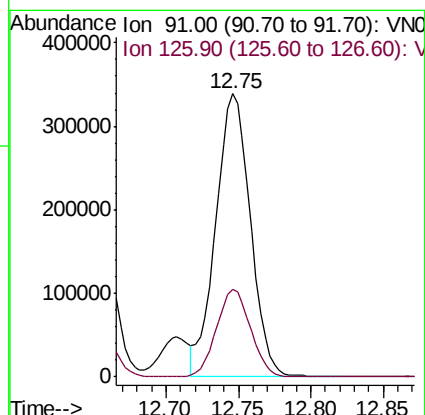
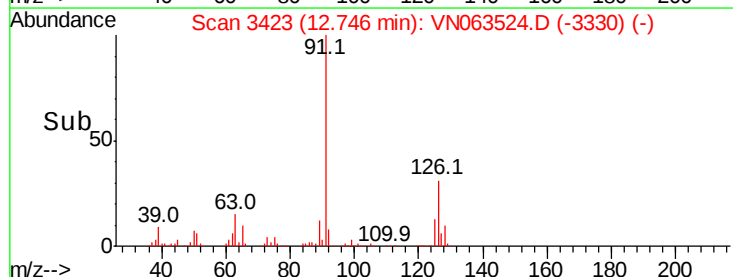
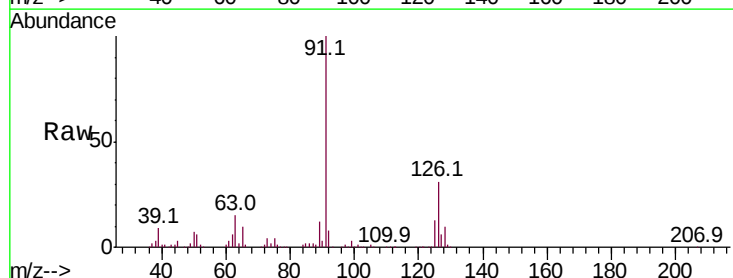
Delta R.T. -0.00 min

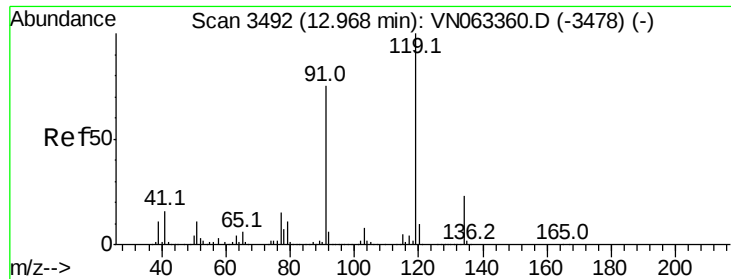
Lab File: VN063524.D

Acq: 22 Sep 2020 7:41

Tgt Ion: 91 Resp: 557369

Ion	Ratio	Lower	Upper
91	100		
126	30.4	15.5	46.5





#83

tert-Butylbenzene

Concen: 47.363 ug/l

RT: 12.97 min Scan# 3492

Delta R.T. -0.00 min

Lab File: VN063524.D

Acq: 22 Sep 2020 7:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

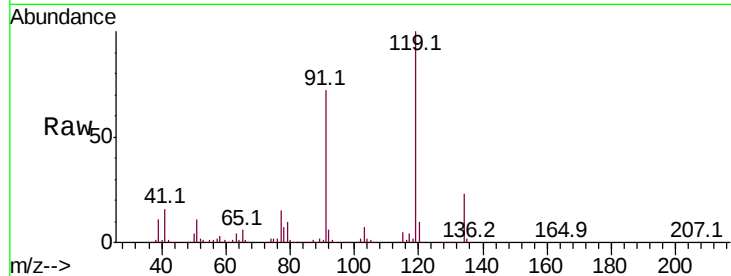
Tot Ion:119 Resp: 519476

Ion Ratio Lower Upper

119 100

91 71.0 36.3 108.9

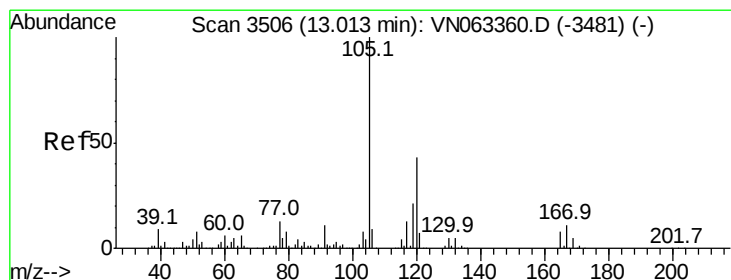
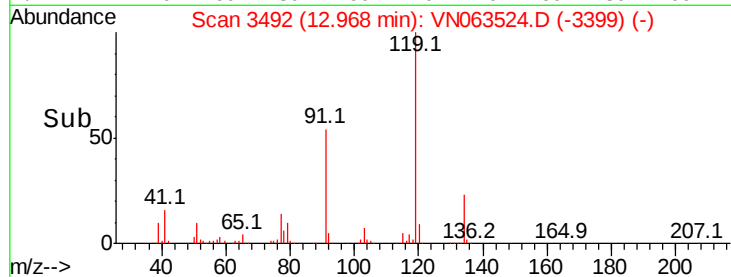
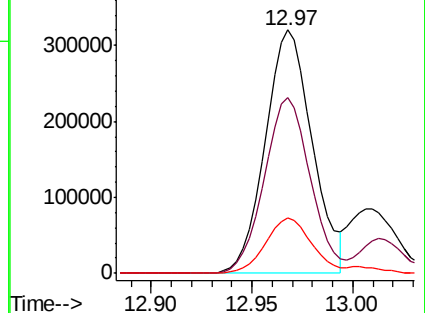
134 22.4 12.3 36.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 48.099 ug/l

RT: 13.01 min Scan# 3506

Delta R.T. -0.00 min

Lab File: VN063524.D

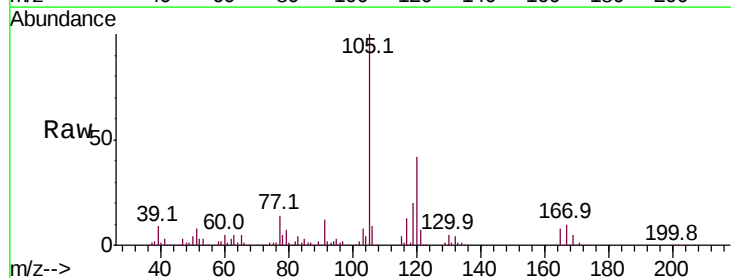
Acq: 22 Sep 2020 7:41

Tgt Ion:105 Resp: 645635

Ion Ratio Lower Upper

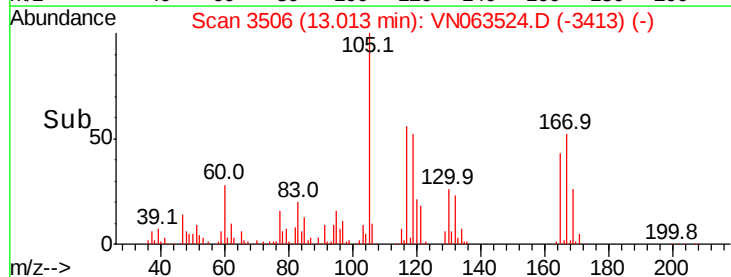
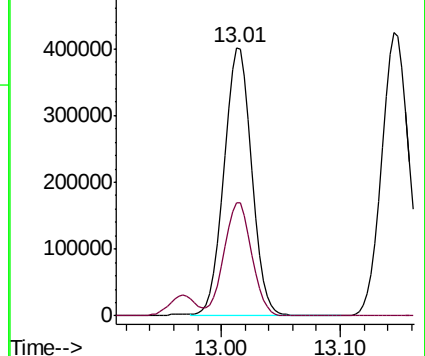
105 100

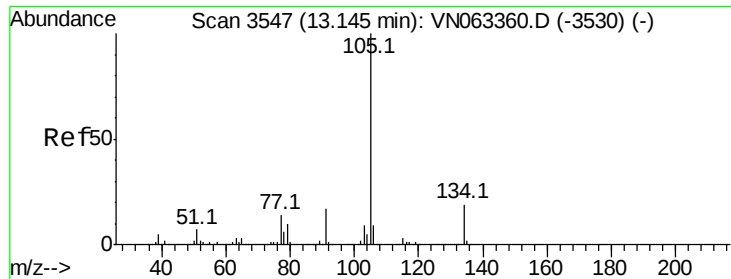
120 42.7 21.3 63.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

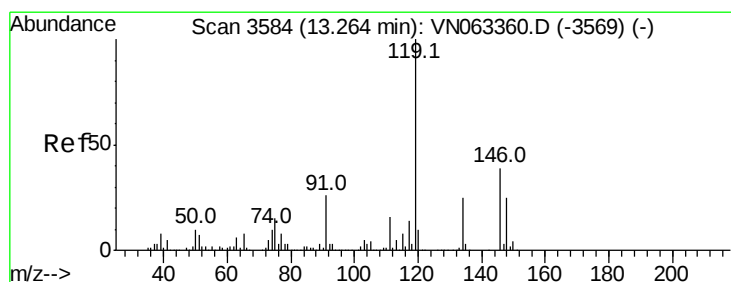
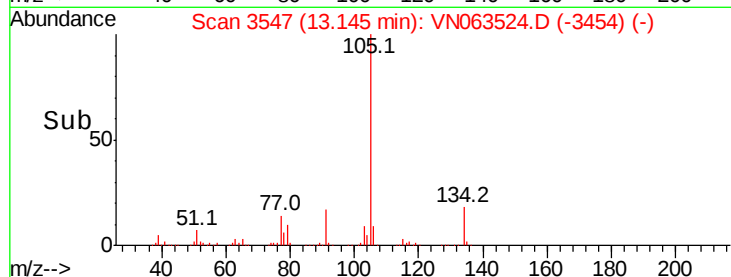
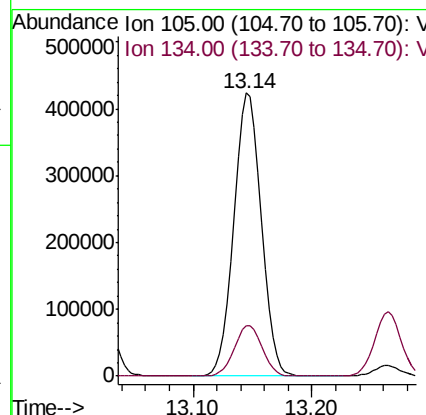
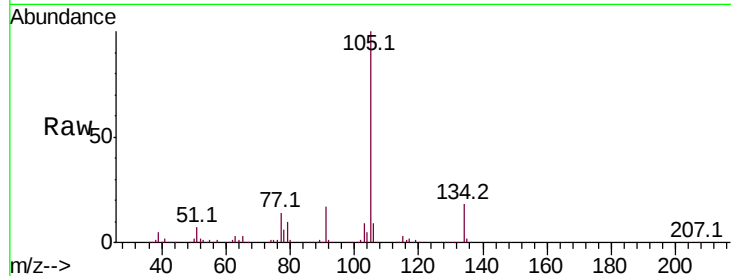




#85
 sec-Butylbenzene
 Concen: 45.941 ug/l
 RT: 13.14 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN063524.D
 Acq: 22 Sep 2020 7:41

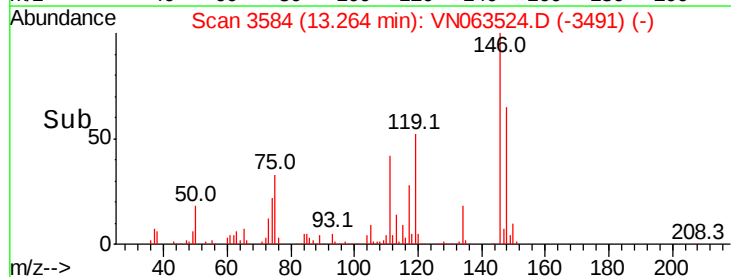
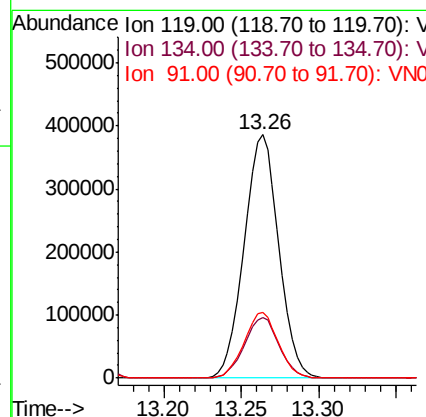
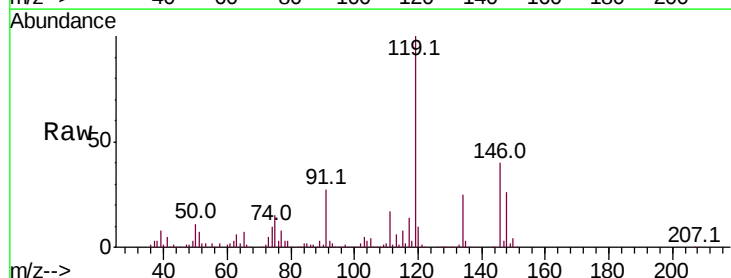
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

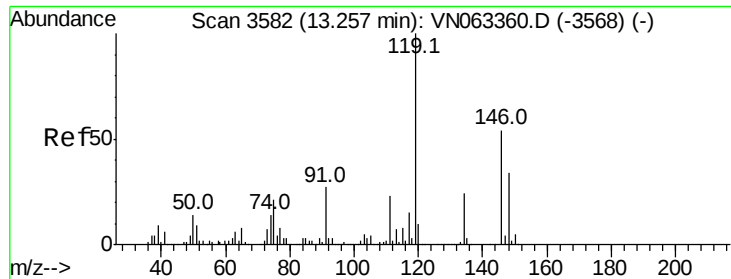
Tot Ion:105 Resp: 674473
 Ion Ratio Lower Upper
 105 100
 134 18.3 9.3 27.7



#86
 p-Isopropyltoluene
 Concen: 46.205 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. -0.00 min
 Lab File: VN063524.D
 Acq: 22 Sep 2020 7:41

Tgt Ion:119 Resp: 598310
 Ion Ratio Lower Upper
 119 100
 134 25.0 12.5 37.5
 91 26.5 13.4 40.1

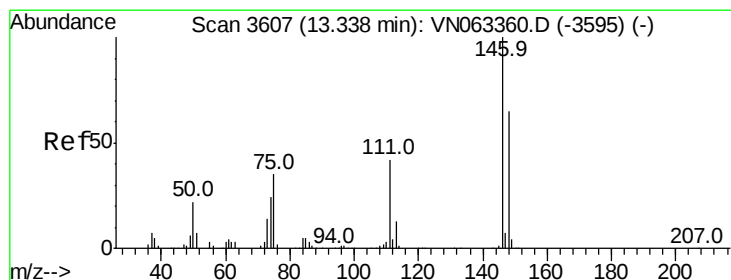
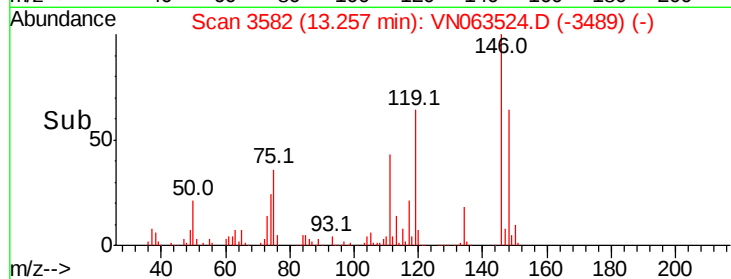
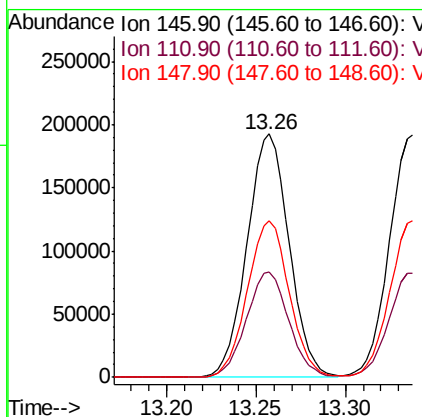
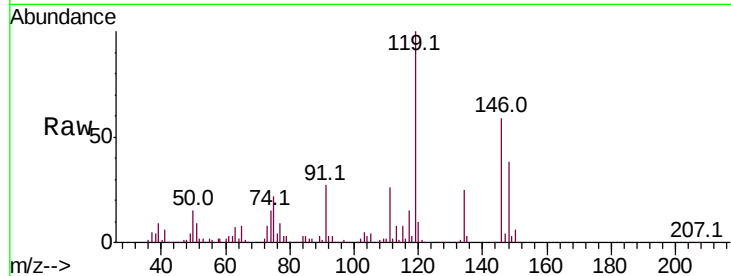




#87
 1,3-Dichlorobenzene
 Concen: 47.790 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN063524.D
 Acq: 22 Sep 2020 7:41

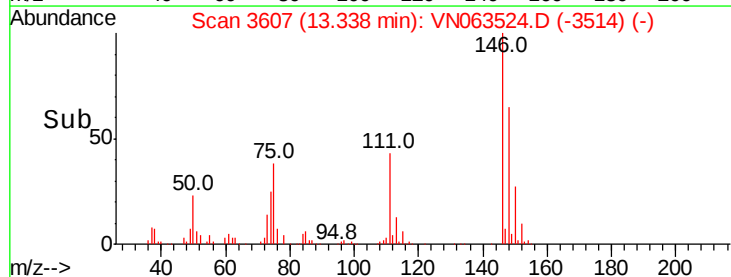
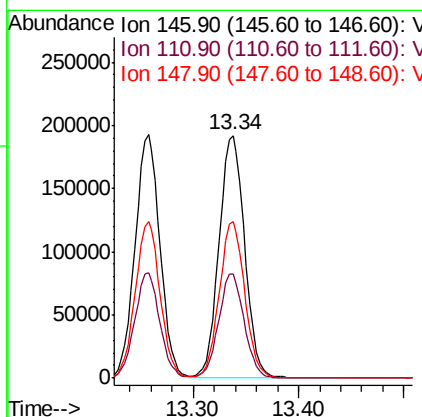
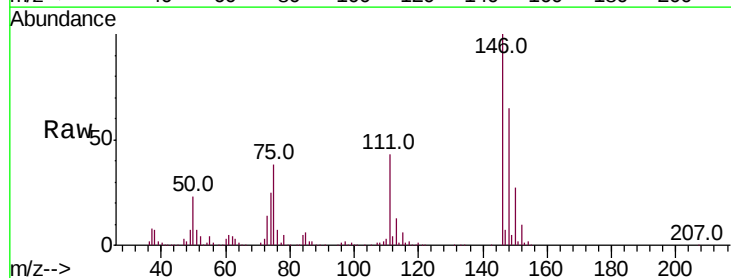
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

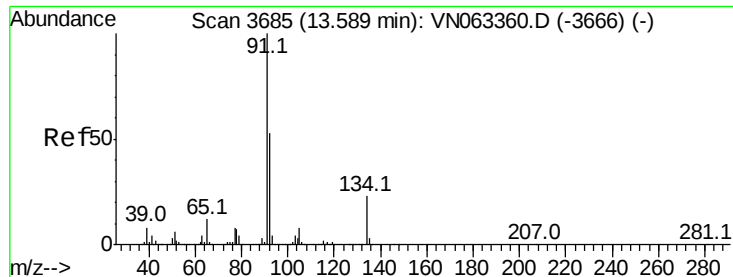
Tot Ion:146 Resp: 317529
 Ion Ratio Lower Upper
 146 100
 111 43.6 21.4 64.3
 148 64.3 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 47.720 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. -0.00 min
 Lab File: VN063524.D
 Acq: 22 Sep 2020 7:41

Tgt Ion:146 Resp: 322363
 Ion Ratio Lower Upper
 146 100
 111 42.4 21.2 63.6
 148 63.5 31.9 95.9





#89

n-Butylbenzene

Concen: 44.240 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. -0.00 min

Lab File: VN063524.D

Acq: 22 Sep 2020 7:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

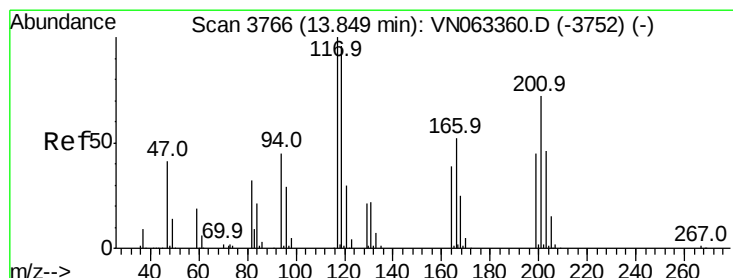
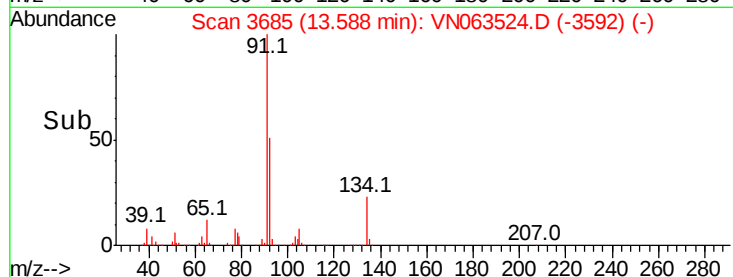
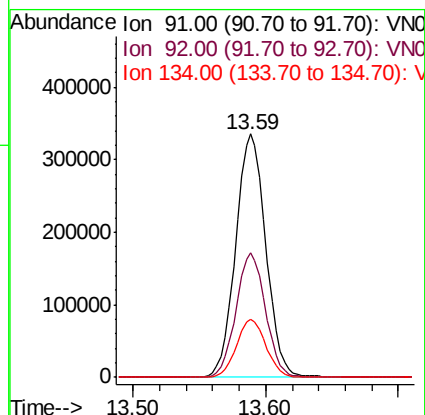
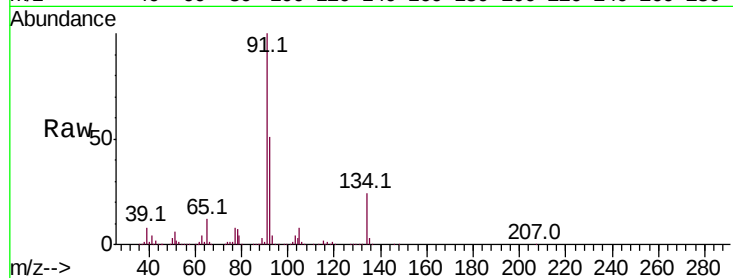
Tot Ion: 91 Resp: 528034

Ion Ratio Lower Upper

91 100

92 50.2 26.0 78.0

134 23.4 11.7 35.0



#90

Hexachloroethane

Concen: 45.516 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. -0.00 min

Lab File: VN063524.D

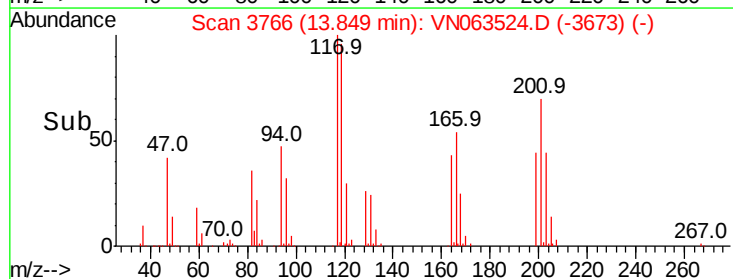
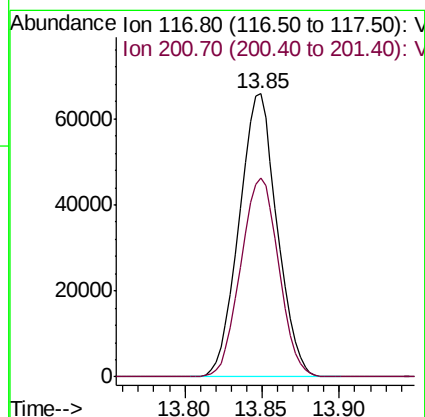
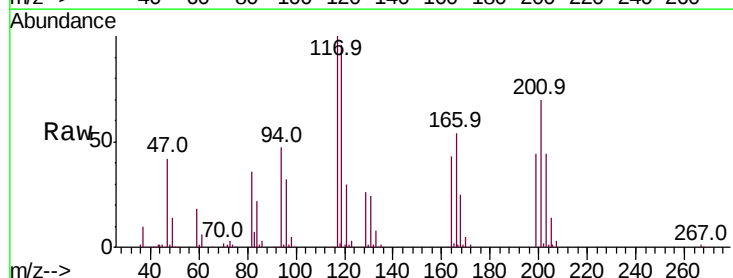
Acq: 22 Sep 2020 7:41

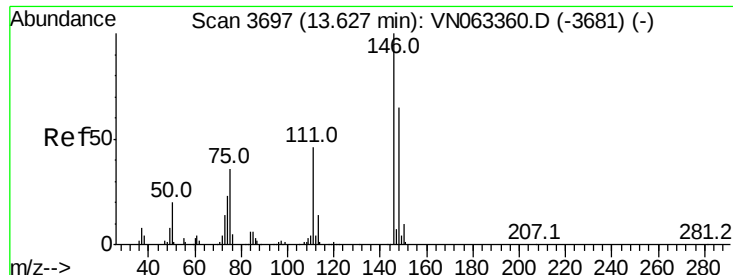
Tgt Ion: 117 Resp: 112229

Ion Ratio Lower Upper

117 100

201 70.4 35.5 106.7

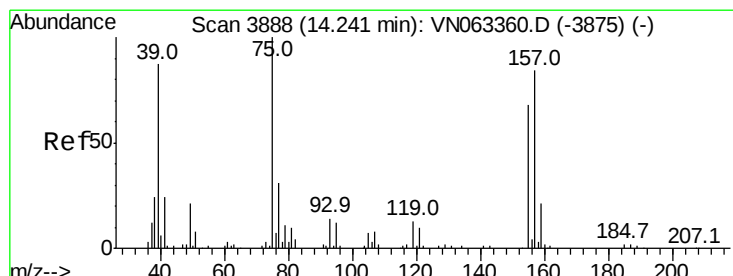
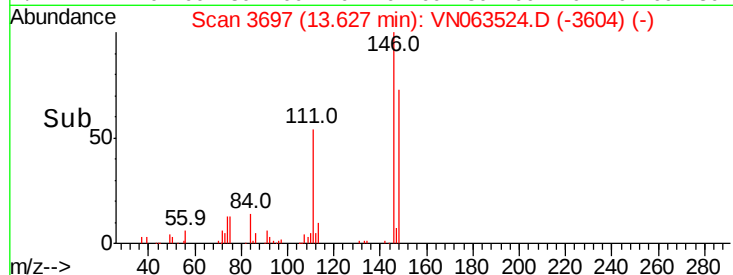
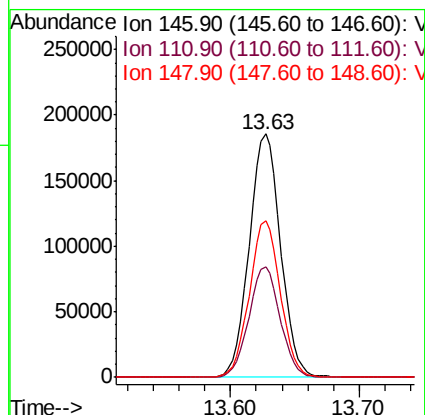
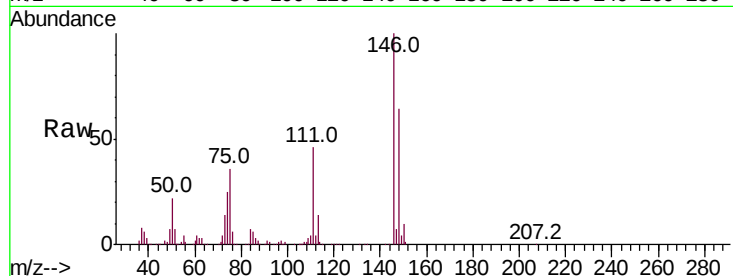




#91
 1,2-Dichlorobenzene
 Concen: 48.324 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. -0.00 min
 Lab File: VN063524.D
 Acq: 22 Sep 2020 7:41

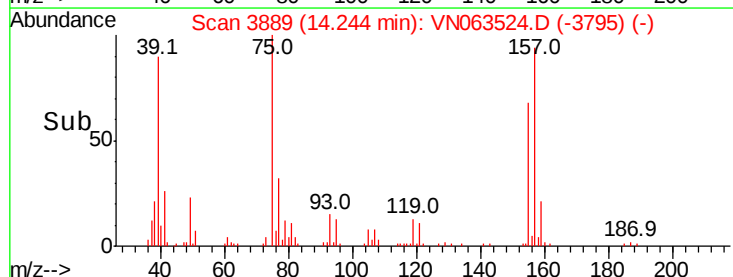
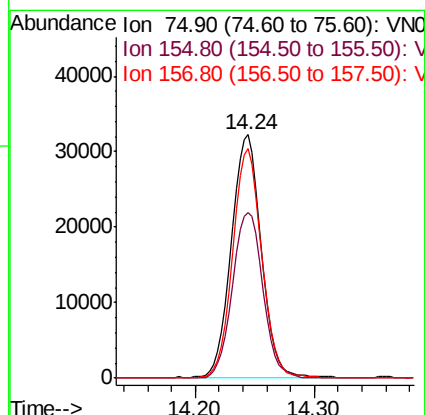
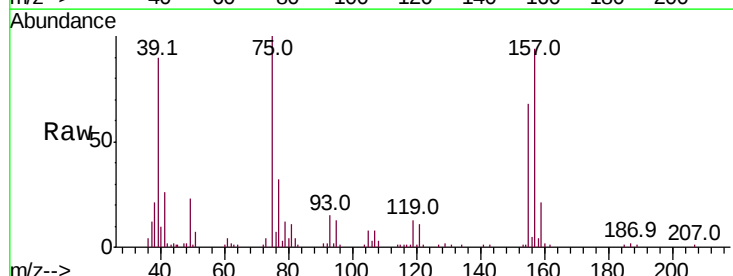
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

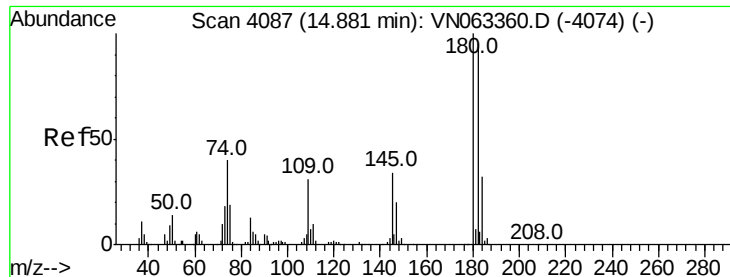
Tot Ion	Ratio	Lower	Upper
146	100		
111	45.4	22.4	67.2
148	63.5	32.0	96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.967 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN063524.D
 Acq: 22 Sep 2020 7:41

Tgt Ion	Ratio	Lower	Upper
75	100		
155	68.8	34.6	103.9
157	91.0	43.7	131.1

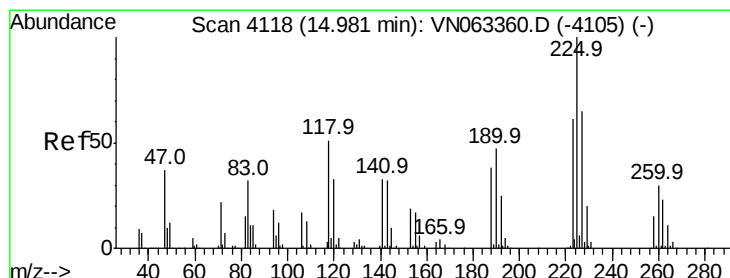
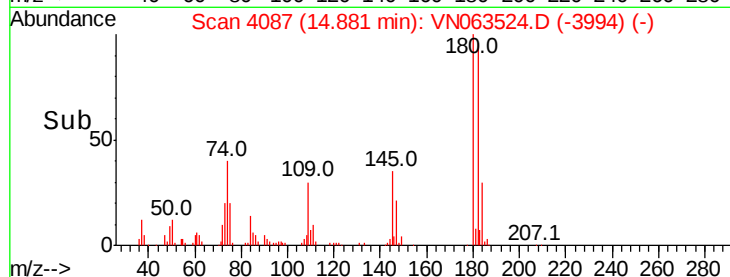
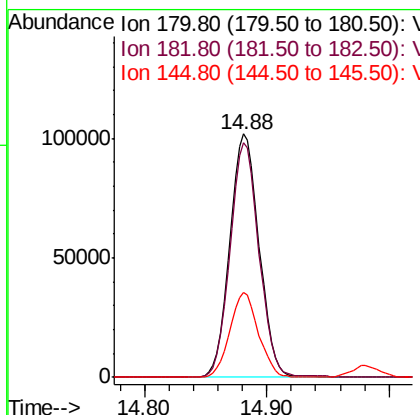
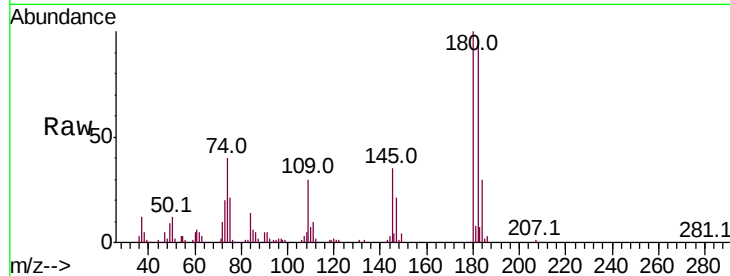




#93
 1,2,4-Trichlorobenzene
 Concen: 44.362 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. -0.00 min
 Lab File: VN063524.D
 Acq: 22 Sep 2020 7:41

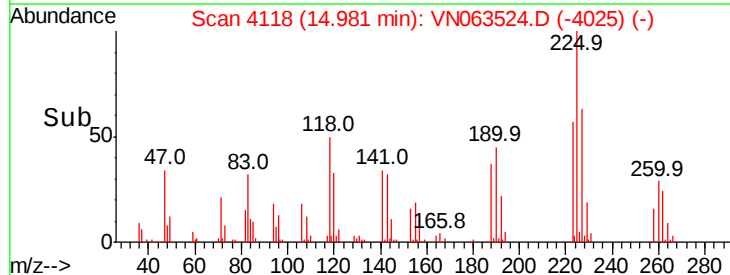
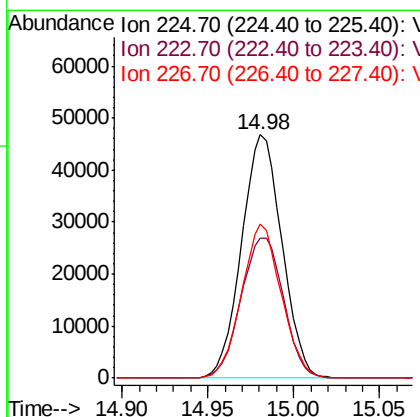
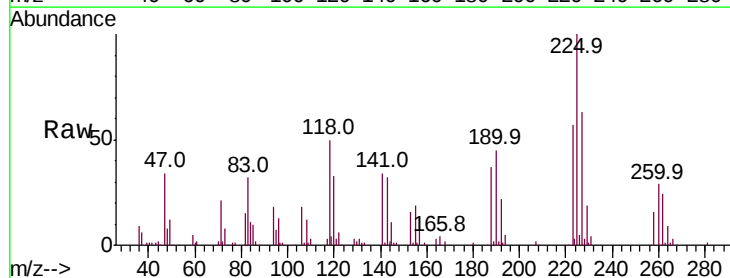
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050EC

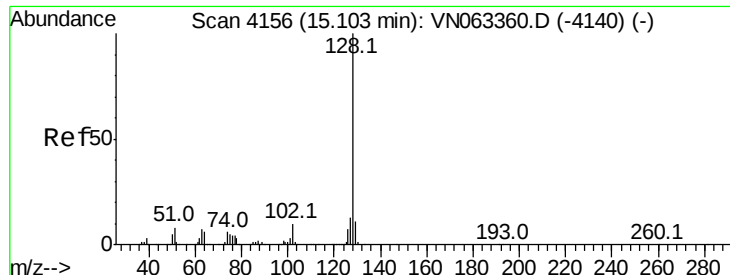
Tot Ion:180 Resp: 170603
 Ion Ratio Lower Upper
 180 100
 182 94.9 47.3 142.0
 145 34.0 16.6 49.7



#94
 Hexachlorobutadiene
 Concen: 47.968 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN063524.D
 Acq: 22 Sep 2020 7:41

Tgt Ion:225 Resp: 76368
 Ion Ratio Lower Upper
 225 100
 223 60.5 30.6 91.6
 227 62.2 31.2 93.6





#95

Naphthalene

Concen: 47.227 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. -0.00 min

Lab File: VN063524.D

Acq: 22 Sep 2020 7:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

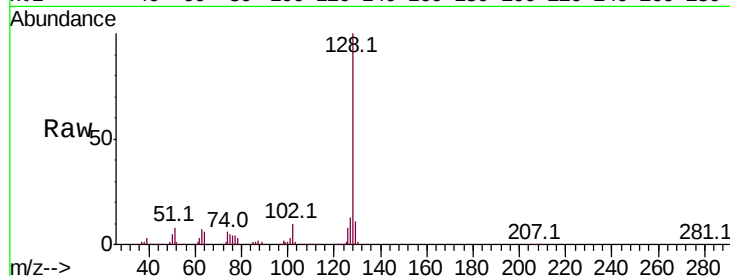
Tot Ion:128 Resp: 600029

Ion Ratio Lower Upper

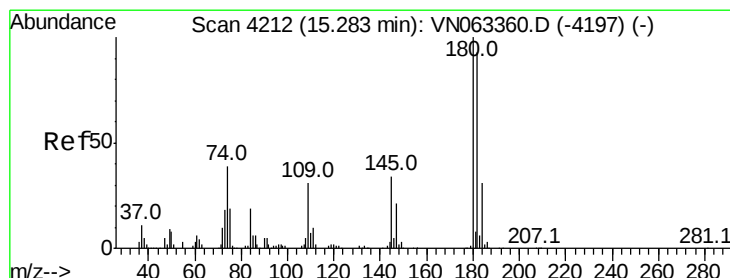
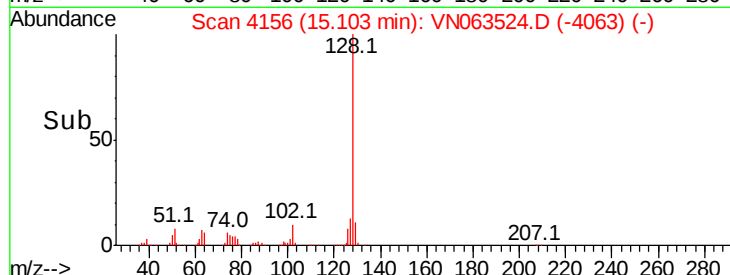
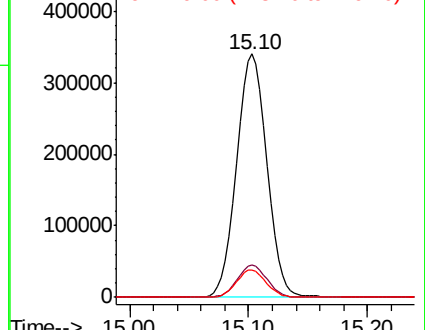
128 100

127 13.0 10.6 15.8

129 11.0 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: 45.806 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. -0.00 min

Lab File: VN063524.D

Acq: 22 Sep 2020 7:41

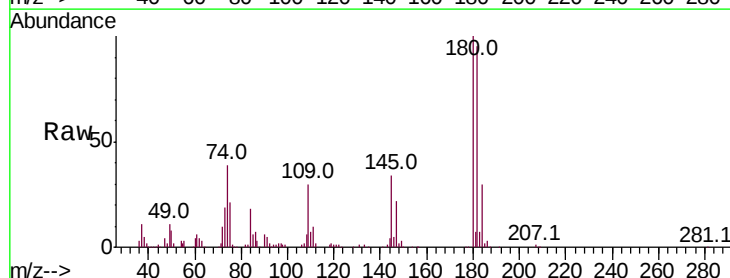
Tgt Ion:180 Resp: 170202

Ion Ratio Lower Upper

180 100

182 94.5 46.7 140.1

145 33.6 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

