

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092120\
 Data File : VN063502.D
 Acq On : 21 Sep 2020 22:05
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 22 04:58:19 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	277675	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	492031	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	446941	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	213363	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	222842	47.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.28%	
35) Dibromofluoromethane	7.55	113	156019	45.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.60%	
50) Toluene-d8	10.06	98	601664	46.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.96%	
62) 4-Bromofluorobenzene	12.38	95	229758	48.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.86%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	145929	46.388	ug/l	99
3) Chloromethane	2.04	50	178024	42.778	ug/l	99
4) Vinyl Chloride	2.16	62	176439	47.853	ug/l	96
5) Bromomethane	2.52	94	110882	50.650	ug/l	97
6) Chloroethane	2.67	64	104609	46.220	ug/l	97
7) Trichlorofluoromethane	2.98	101	279229	50.759	ug/l	100
8) Diethyl Ether	3.37	74	103676	48.346	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	149078	48.188	ug/l	97
10) Methyl Iodide	3.91	142	200199	49.705	ug/l	99
11) Tert butyl alcohol	4.73	59	156703	239.306	ug/l	100
12) 1,1-Dichloroethene	3.70	96	147172	46.967	ug/l	99
13) Acrolein	3.56	56	94983	391.410	ug/l	99
14) Allyl chloride	4.28	41	291147	46.973	ug/l	99
15) Acrylonitrile	4.93	53	413678	248.358	ug/l	99
16) Acetone	3.77	43	367640	242.011	ug/l	100
17) Carbon Disulfide	4.01	76	408823	44.853	ug/l	100
18) Methyl Acetate	4.27	43	196261	50.892	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	558264	47.801	ug/l	98
20) Methylene Chloride	4.51	84	175447	45.584	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	160155	46.131	ug/l	94
22) Diisopropyl ether	5.90	45	594331	47.016	ug/l	99
23) Vinyl Acetate	5.84	43	2505206	241.309	ug/l	99
24) 1,1-Dichloroethane	5.80	63	322411	46.716	ug/l	98
25) 2-Butanone	6.78	43	567648	242.964	ug/l	97
26) 2,2-Dichloropropane	6.78	77	259648	42.731	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	191200	48.657	ug/l	98
28) Bromochloromethane	7.15	49	154184	48.385	ug/l	97
29) Tetrahydrofuran	7.16	42	378796	237.390	ug/l	98
30) Chloroform	7.33	83	333946	48.229	ug/l	99
31) Cyclohexane	7.61	56	273145	41.841	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	298827	48.522	ug/l	99
36) 1,1-Dichloropropene	7.75	75	240895	45.956	ug/l	99
37) Ethyl Acetate	6.88	43	246309	47.876	ug/l	99
38) Carbon Tetrachloride	7.74	117	254403	47.544	ug/l	98

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	245505	43.153	ug/l	97
40) Benzene	8.00	78	712314	47.603	ug/l	100
41) Methacrylonitrile	7.13	41	111708	48.277	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	286366	47.588	ug/l	100
43) Isopropyl Acetate	8.13	43	425497	46.254	ug/l	99
44) Trichloroethene	8.80	130	177240	48.835	ug/l	98
45) 1,2-Dichloropropane	9.08	63	194153	47.640	ug/l	100
46) Dibromomethane	9.17	93	129072	48.186	ug/l	100
47) Bromodichloromethane	9.37	83	267315	48.037	ug/l	99
48) Methyl methacrylate	9.17	41	208859	46.211	ug/l	97
49) 1,4-Dioxane	9.16	88	64384	992.666	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	1257966	244.263	ug/l	99
52) Toluene	10.13	92	443586	49.306	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	295893	47.629	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	310306	47.354	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	179279	50.169	ug/l	98
56) Ethyl methacrylate	10.40	69	275329	49.354	ug/l	99
57) 1,3-Dichloropropane	10.68	76	306304	47.531	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	716534	244.846	ug/l	98
59) 2-Hexanone	10.72	43	929661	249.167	ug/l	99
60) Dibromochloromethane	10.87	129	199413	49.395	ug/l	97
61) 1,2-Dibromoethane	10.98	107	185569	49.983	ug/l	98
64) Tetrachloroethene	10.60	164	153588	50.467	ug/l	99
65) Chlorobenzene	11.41	112	460677	48.557	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	174052	50.048	ug/l	99
67) Ethyl Benzene	11.48	91	882823	49.413	ug/l	100
68) m/p-Xylenes	11.60	106	633668	98.369	ug/l	100
69) o-Xylene	11.92	106	312276	50.889	ug/l	96
70) Styrene	11.94	104	532215	51.718	ug/l	99
71) Bromoform	12.10	173	132069	50.976	ug/l #	100
73) Isopropylbenzene	12.22	105	828798	48.474	ug/l	100
74) N-amyl acetate	12.05	43	389546	48.130	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.48	83	256253	48.405	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	356311	67.470	ug/l #	100
77) Bromobenzene	12.50	156	193375	50.279	ug/l	96
78) n-propylbenzene	12.57	91	950525	47.731	ug/l	100
79) 2-Chlorotoluene	12.65	91	580261	48.608	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	699087	49.034	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	89647	46.540	ug/l	98
82) 4-Chlorotoluene	12.75	91	626662	49.684	ug/l	99
83) tert-Butylbenzene	12.97	119	560822	47.660	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	707503	49.129	ug/l	100
85) sec-Butylbenzene	13.15	105	751126	47.687	ug/l	100
86) p-Isopropyltoluene	13.26	119	675942	48.655	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	349753	49.064	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	357453	49.321	ug/l	99
89) n-Butylbenzene	13.59	91	616543	48.147	ug/l	99
90) Hexachloroethane	13.85	117	120846	45.682	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	348430	49.786	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	60364	47.884	ug/l	96

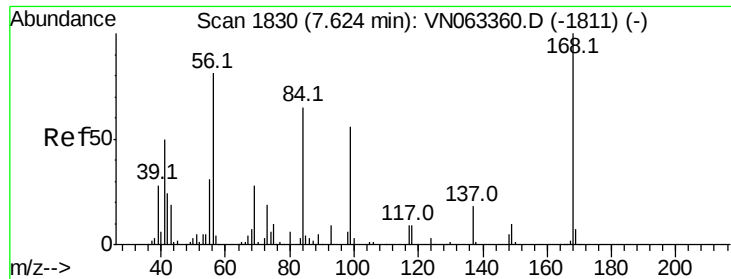
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Quant Title : SW846 8260
QLast Update : Wed Sep 16 13:05:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	199434	48.337	ug/l	100
94) Hexachlorobutadiene	14.98	225	86554	50.673	ug/l	95
95) Naphthalene	15.10	128	672913	49.366	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	191460	48.027	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063502.D

Acq: 21 Sep 2020 22:05

Instrument :

MSVOA_N

ClientSampleId :

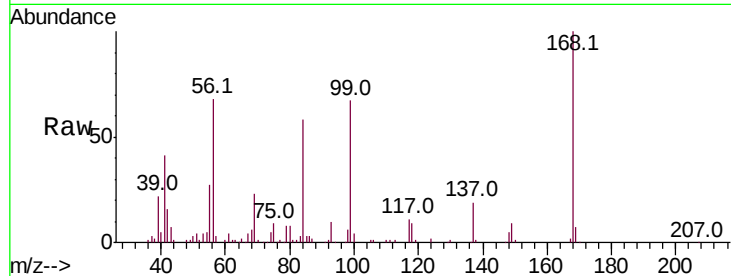
VSTDCCC050

Tot Ion:168 Resp: 277675

Ion Ratio Lower Upper

168 100

99 66.2 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

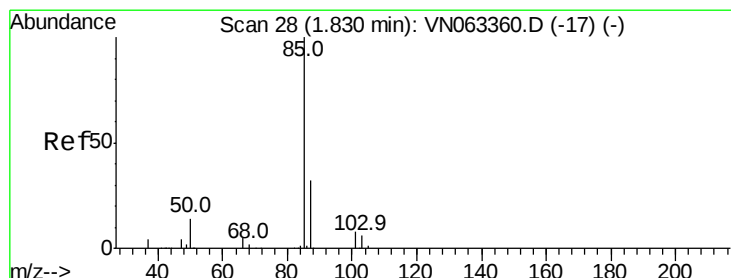
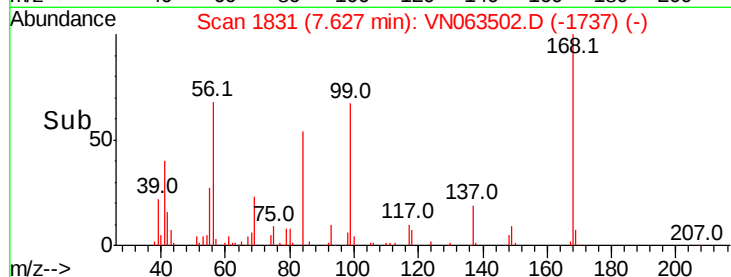
7.63

100000

50000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 46.388 ug/l

RT: 1.83 min Scan# 28

Delta R.T. -0.00 min

Lab File: VN063502.D

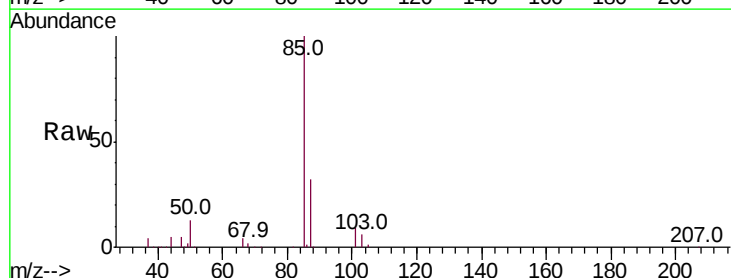
Acq: 21 Sep 2020 22:05

Tgt Ion: 85 Resp: 145929

Ion Ratio Lower Upper

85 100

87 32.2 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

120000

100000

80000

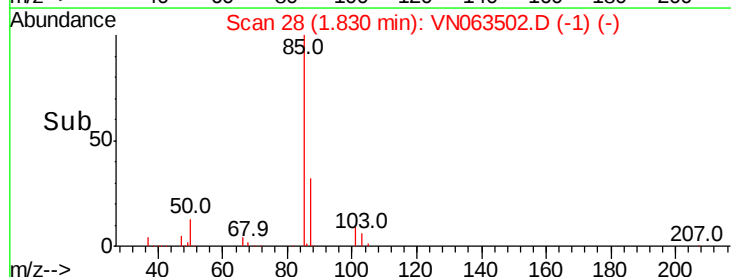
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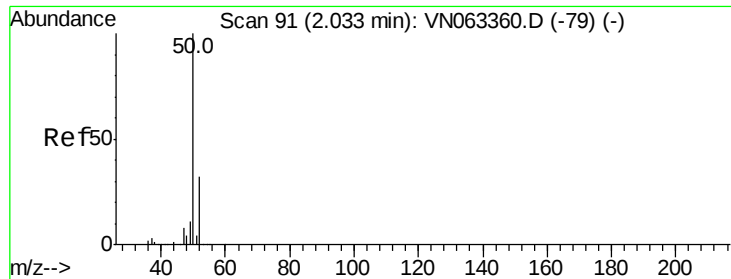
40000

20000

0

Time--> 1.75 1.80 1.85 1.90 1.95





#3

Chloromethane

Concen: 42.778 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063502.D

Acq: 21 Sep 2020 22:05

Instrument :

MSVOA_N

ClientSampleId :

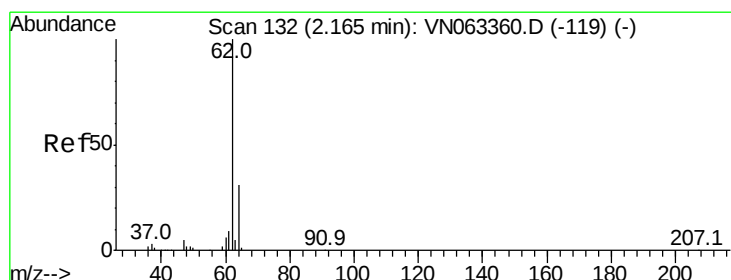
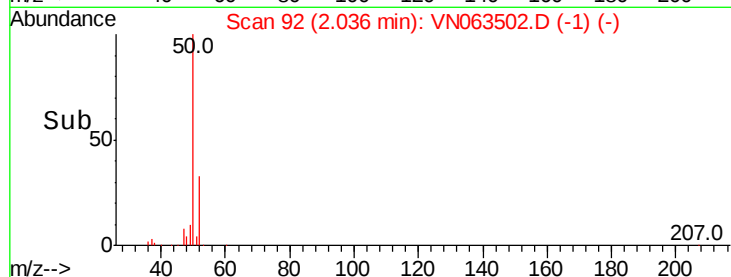
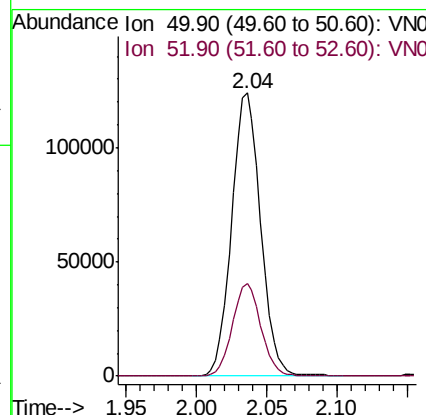
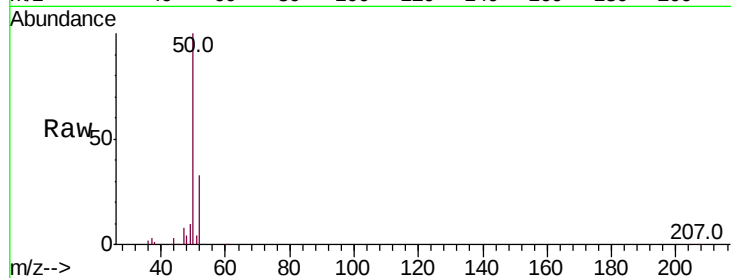
VSTDCCC050

Tot Ion: 50 Resp: 178024

Ion Ratio Lower Upper

50 100

52 32.9 25.9 38.9



#4

Vinyl Chloride

Concen: 47.853 ug/l

RT: 2.16 min Scan# 132

Delta R.T. -0.00 min

Lab File: VN063502.D

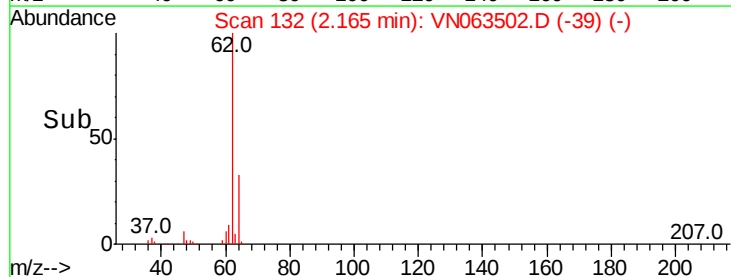
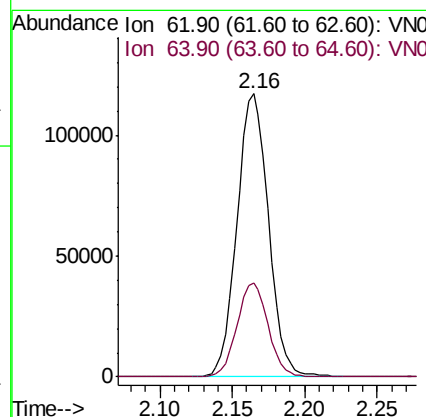
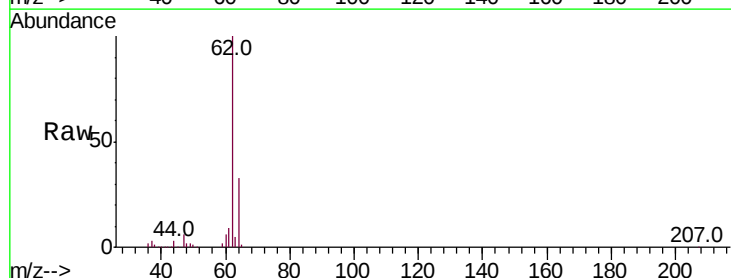
Acq: 21 Sep 2020 22:05

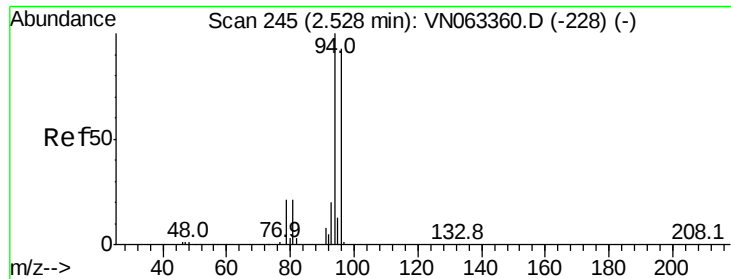
Tgt Ion: 62 Resp: 176439

Ion Ratio Lower Upper

62 100

64 33.4 25.1 37.7





#5

Bromomethane

Concen: 50.650 ug/l

RT: 2.52 min Scan# 244

Delta R.T. -0.00 min

Lab File: VN063502.D

Acq: 21 Sep 2020 22:05

Instrument :

MSVOA_N

ClientSampleId :

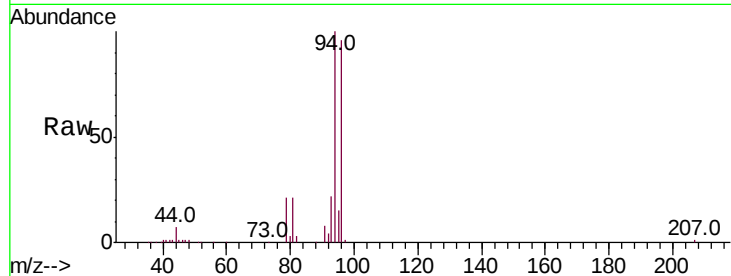
VSTDCCC050

Tot Ion: 94 Resp: 110882

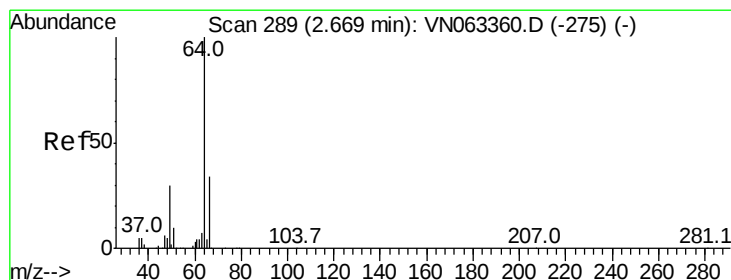
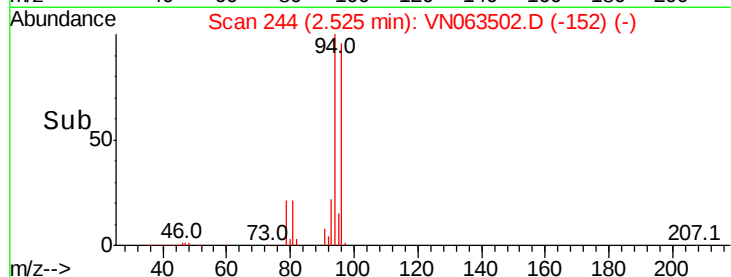
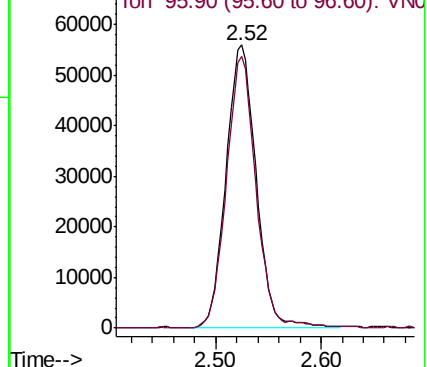
Ion Ratio Lower Upper

94 100

96 96.1 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VN063360.D (-228) (-)



#6

Chloroethane

Concen: 46.220 ug/l

RT: 2.67 min Scan# 289

Delta R.T. -0.00 min

Lab File: VN063502.D

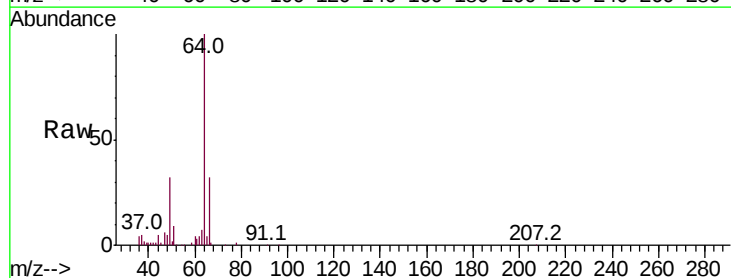
Acq: 21 Sep 2020 22:05

Tgt Ion: 64 Resp: 104609

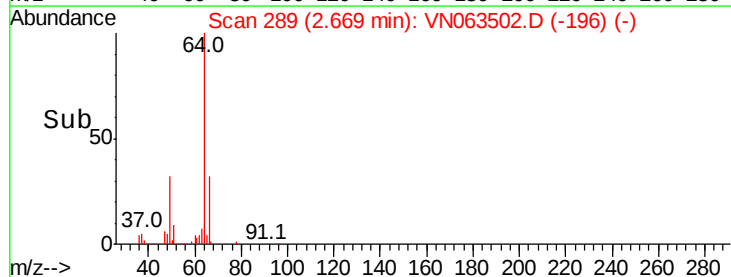
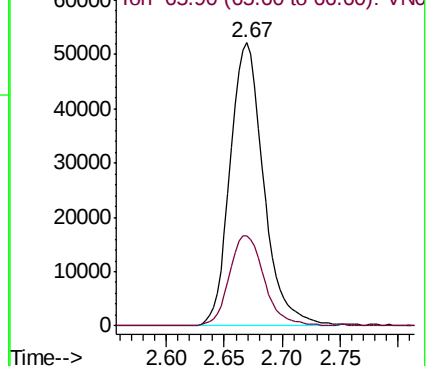
Ion Ratio Lower Upper

64 100

66 31.8 26.9 40.3



Abundance Ion 63.90 (63.60 to 64.60): VN063360.D (-275) (-)



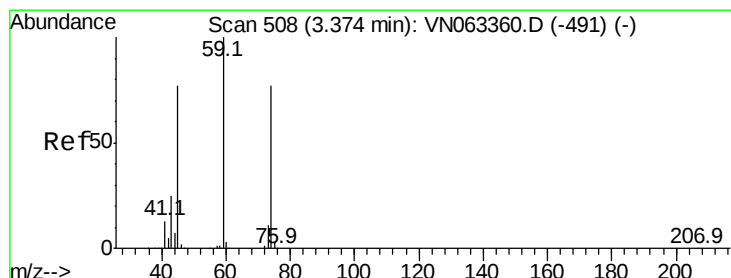
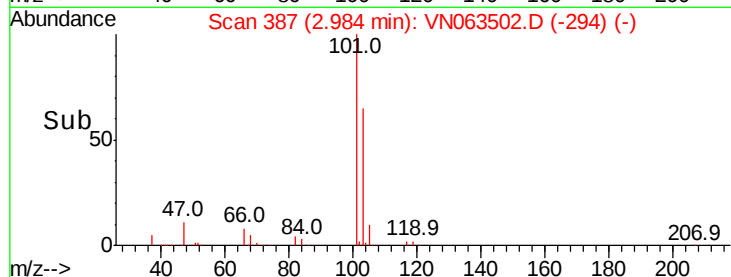
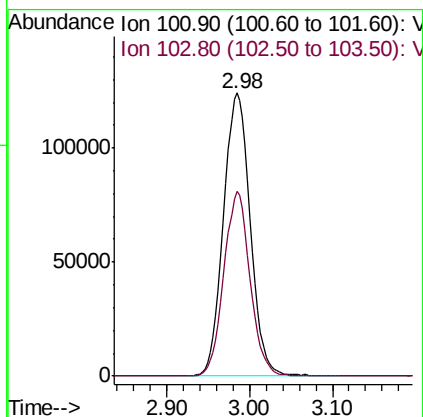
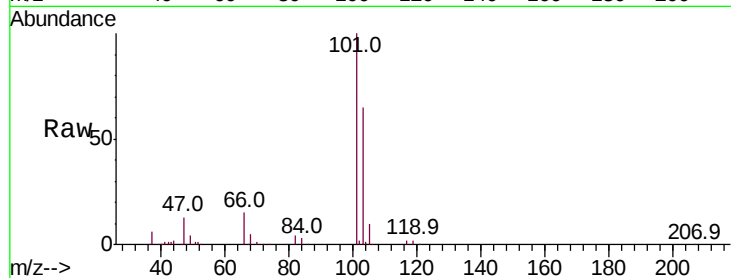


#7

Trichlorofluoromethane
 Concen: 50.759 ug/l
 RT: 2.98 min Scan# 387
 Delta R.T. -0.00 min
 Lab File: VN063502.D
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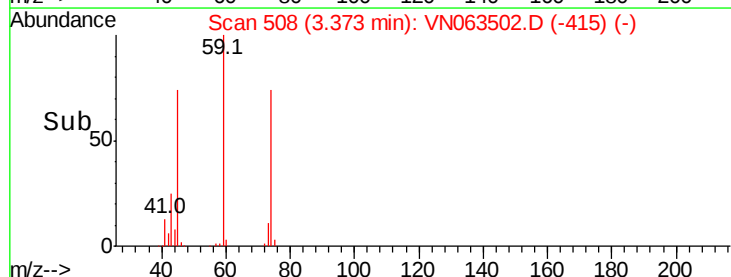
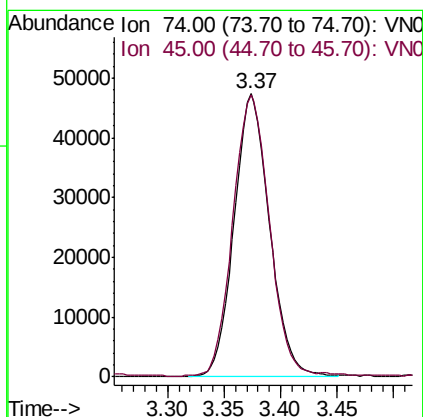
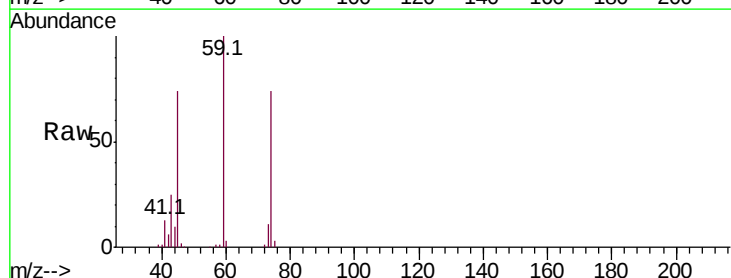
Tot Ion:101 Resp: 279229
 Ion Ratio Lower Upper
 101 100
 103 65.5 52.3 78.5

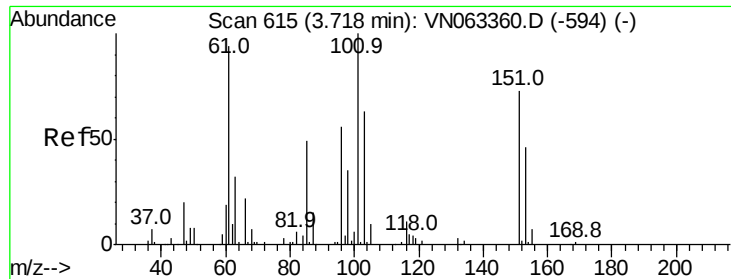


#8

Diethyl Ether
 Concen: 48.346 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN063502.D
 Acq: 21 Sep 2020 22:05

Tgt Ion: 74 Resp: 103676
 Ion Ratio Lower Upper
 74 100
 45 102.5 52.1 156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.188 ug/l

RT: 3.72 min Scan# 615

Delta R.T. -0.00 min

Lab File: VN063502.D

Acq: 21 Sep 2020 22:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

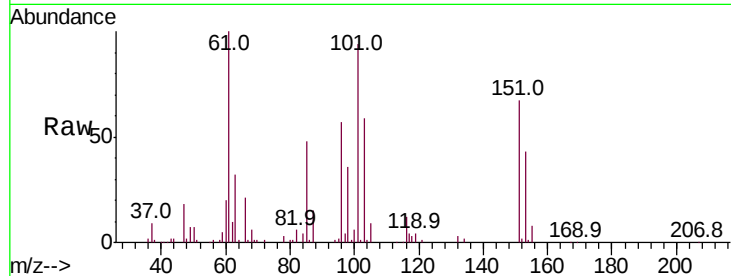
Tot Ion:101 Resp: 149078

Ion Ratio Lower Upper

101 100

85 49.1 37.7 56.5

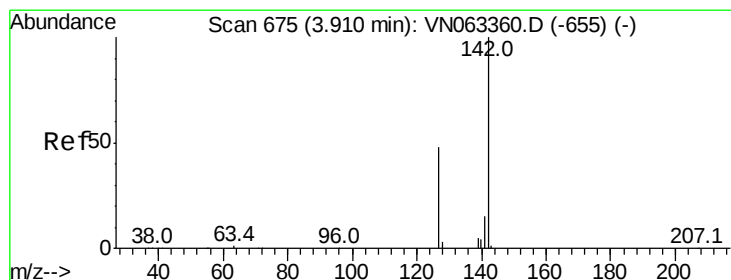
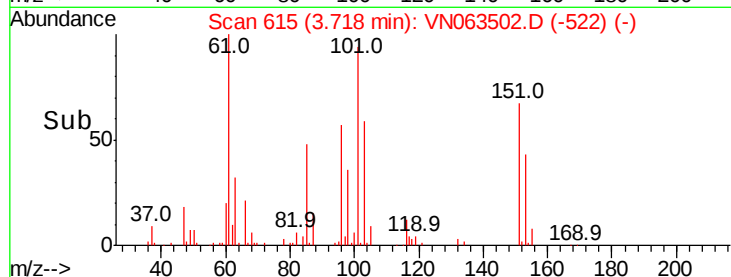
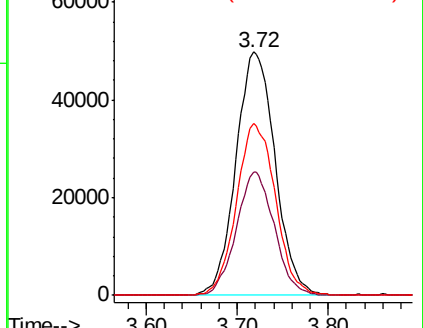
151 70.3 57.7 86.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 49.705 ug/l

RT: 3.91 min Scan# 675

Delta R.T. -0.00 min

Lab File: VN063502.D

Acq: 21 Sep 2020 22:05

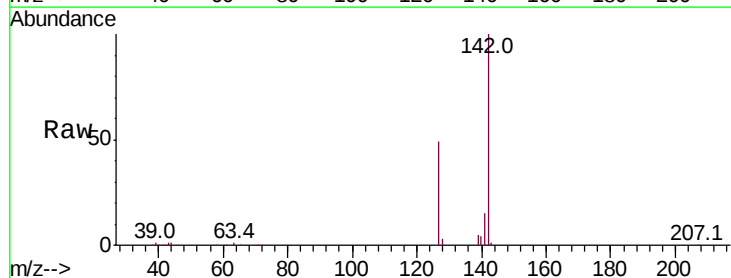
Tgt Ion:142 Resp: 200199

Ion Ratio Lower Upper

142 100

127 48.0 39.0 58.6

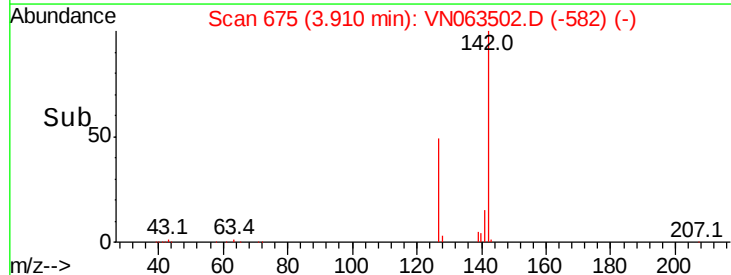
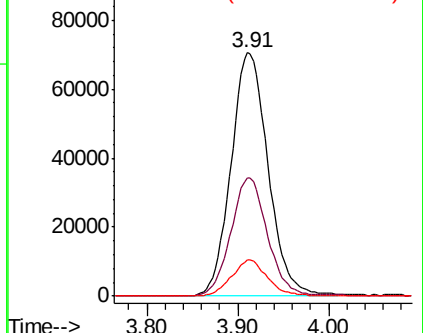
141 14.3 11.6 17.4

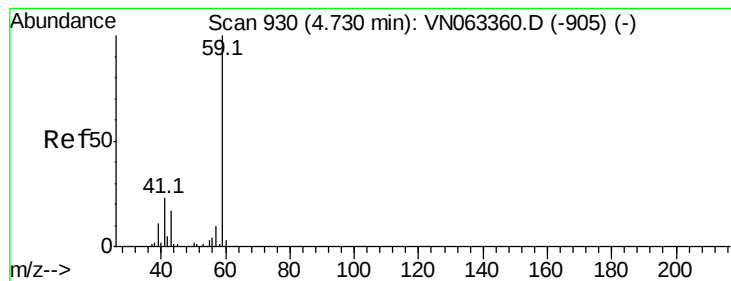


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



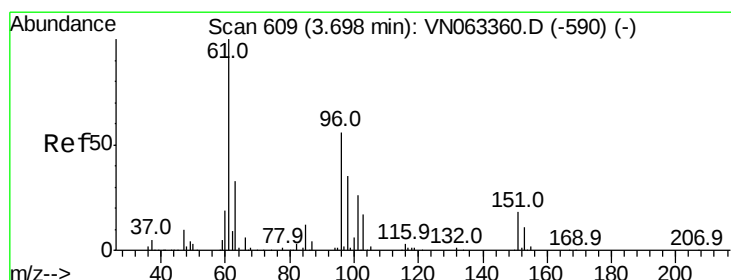
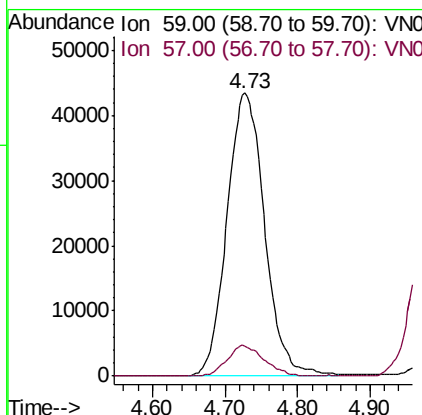
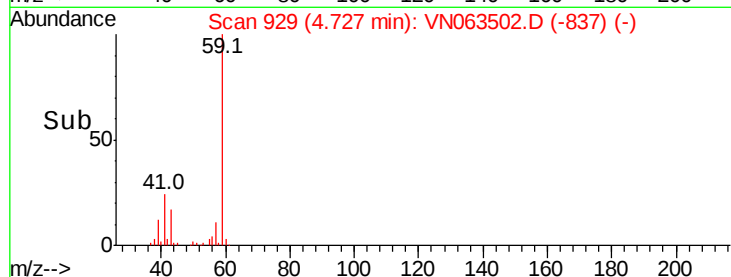
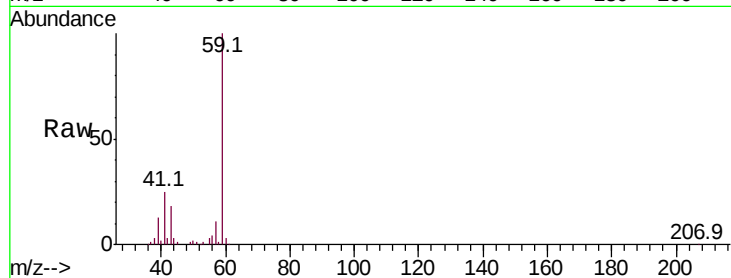


#11

Tert butyl alcohol
Concen: 239.306 ug/l
RT: 4.73 min Scan# 929
Delta R.T. -0.00 min
Lab File: VN063502.D
Acq: 21 Sep 2020 22:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

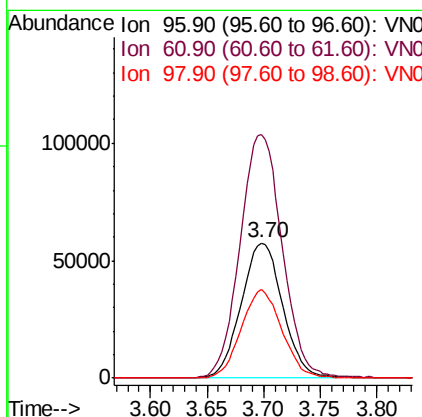
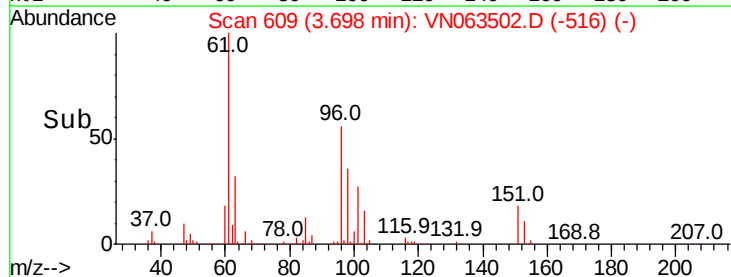
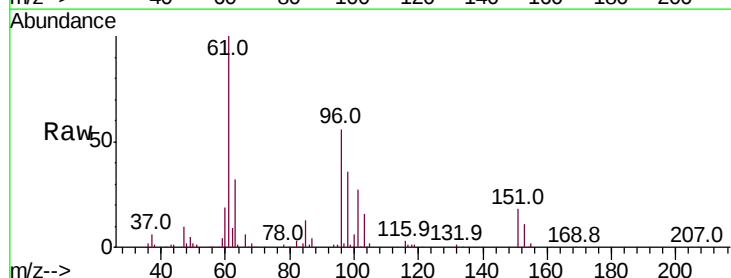
Tot Ion: 59 Resp: 156703
Ion Ratio Lower Upper
59 100
57 10.6 8.4 12.6

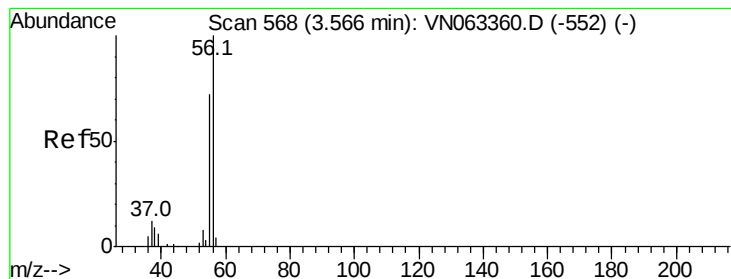


#12

1,1-Dichloroethene
Concen: 46.967 ug/l
RT: 3.70 min Scan# 609
Delta R.T. -0.00 min
Lab File: VN063502.D
Acq: 21 Sep 2020 22:05

Tgt Ion: 96 Resp: 147172
Ion Ratio Lower Upper
96 100
61 180.0 143.4 215.2
98 65.4 50.6 76.0





#13

Acrolein

Concen: 391.410 ug/l

RT: 3.56 min Scan# 567

Delta R.T. -0.00 min

Lab File: VN063502.D

Acq: 21 Sep 2020 22:05

Instrument :

MSVOA_N

ClientSampleId :

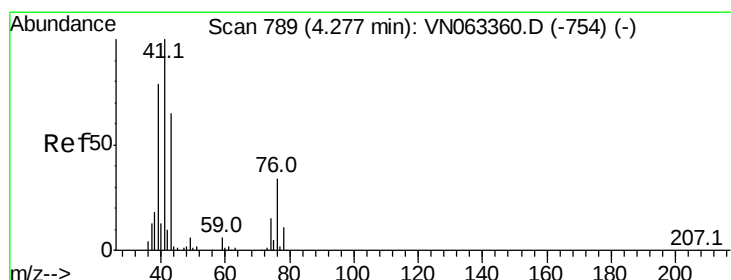
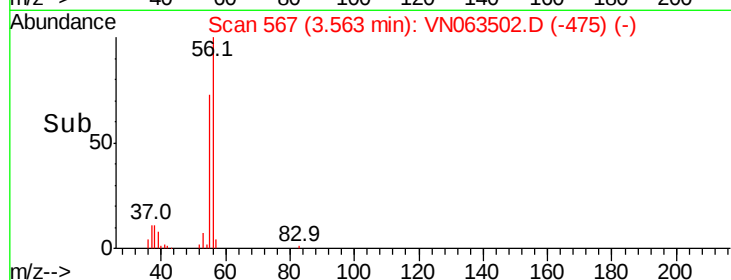
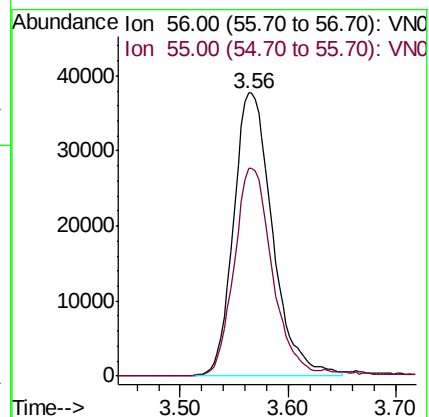
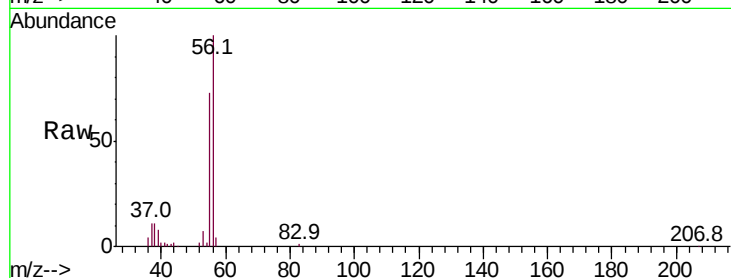
VSTDCCC050

Tot Ion: 56 Resp: 94983

Ion Ratio Lower Upper

56 100

55 71.6 58.2 87.2



#14

Allyl chloride

Concen: 46.973 ug/l

RT: 4.28 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN063502.D

Acq: 21 Sep 2020 22:05

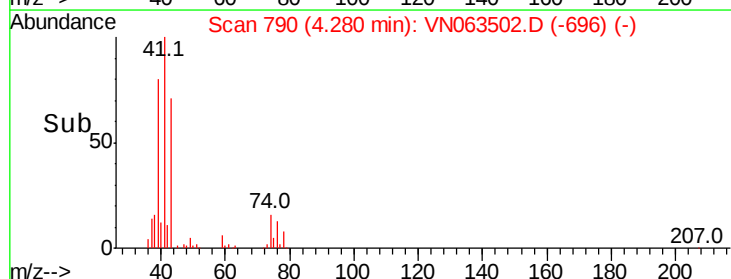
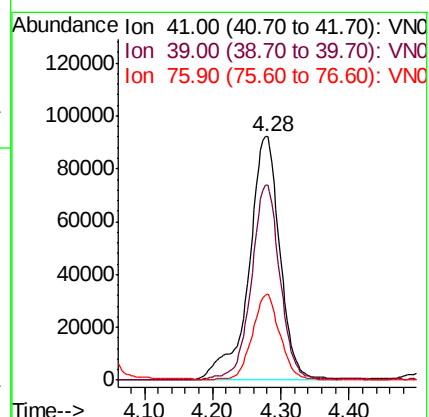
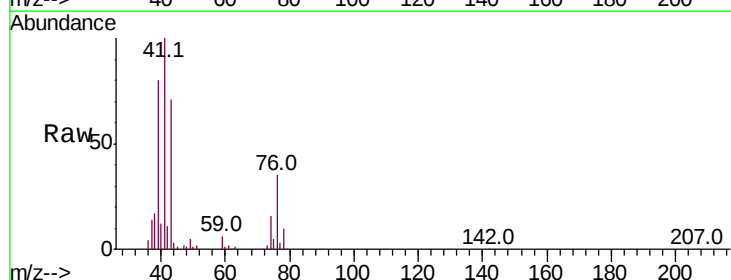
Tgt Ion: 41 Resp: 291147

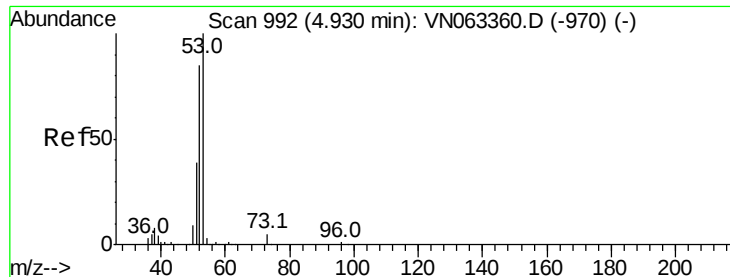
Ion Ratio Lower Upper

41 100

39 73.5 59.3 88.9

76 30.7 25.3 37.9





#15

Acrylonitrile

Concen: 248.358 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN063502.D

Acq: 21 Sep 2020 22:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

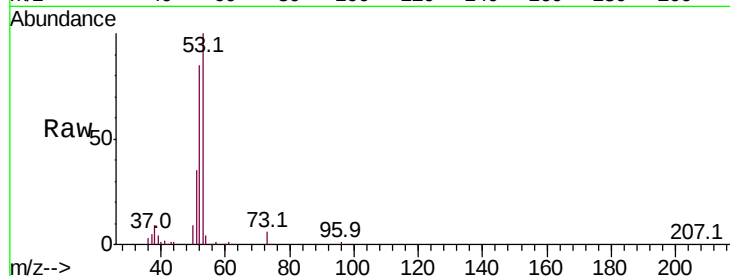
Tot Ion: 53 Resp: 413678

Ion Ratio Lower Upper

53 100

52 81.5 66.4 99.6

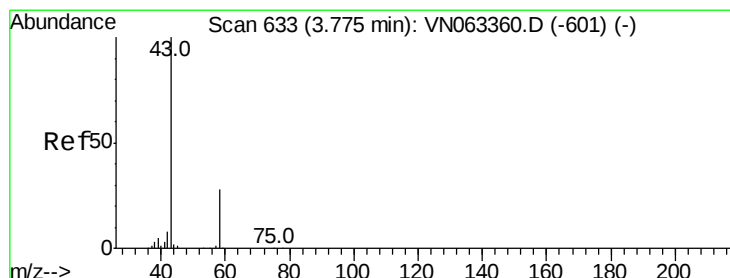
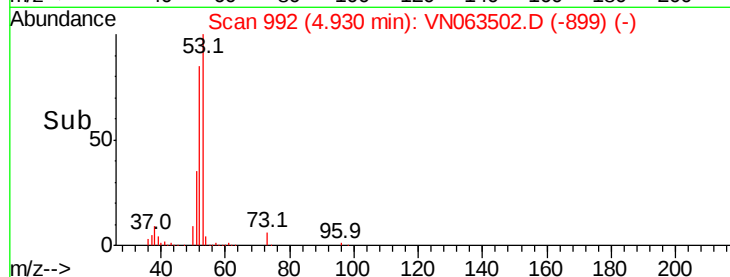
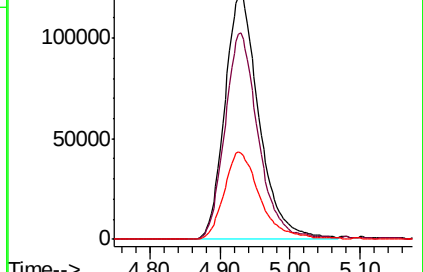
51 37.3 30.2 45.4



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: 242.011 ug/l

RT: 3.77 min Scan# 632

Delta R.T. -0.00 min

Lab File: VN063502.D

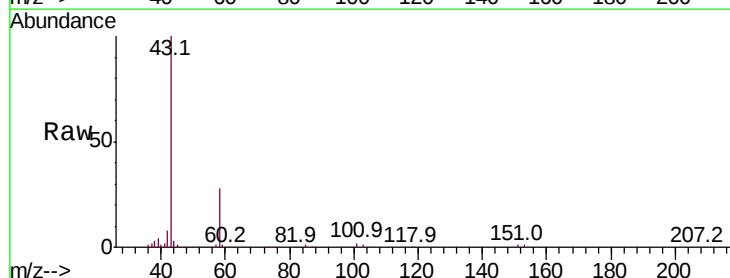
Acq: 21 Sep 2020 22:05

Tgt Ion: 43 Resp: 367640

Ion Ratio Lower Upper

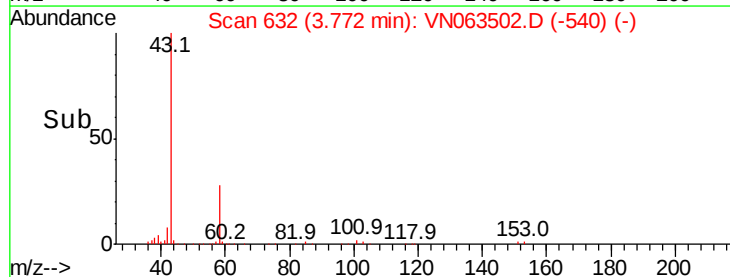
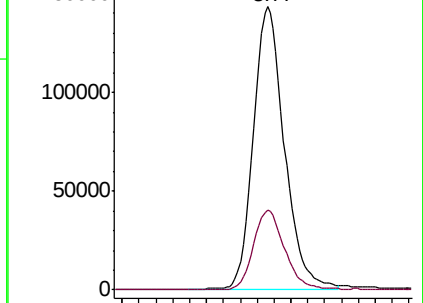
43 100

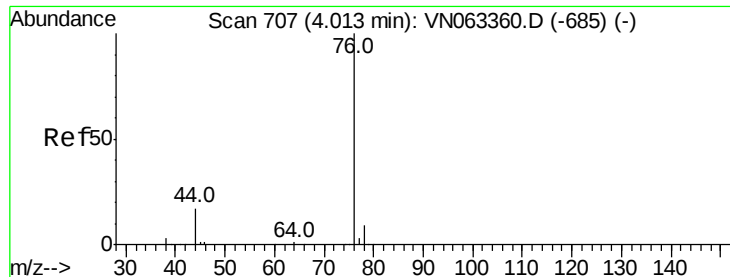
58 28.1 22.3 33.5



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

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

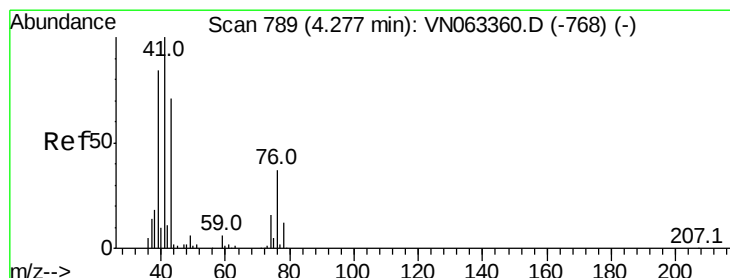
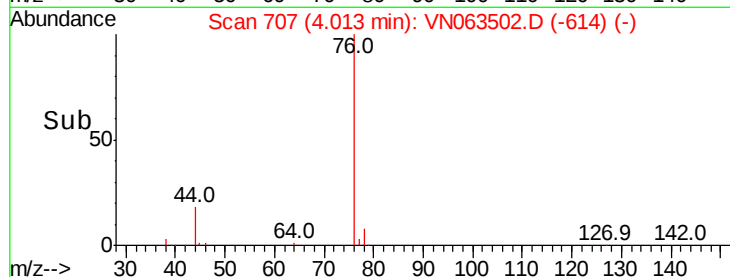
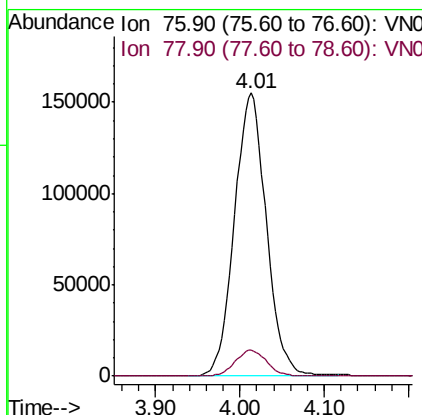
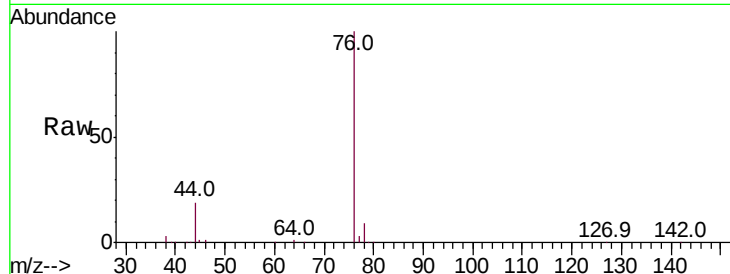




#17
Carbon Disulfide
Concen: 44.853 ug/l
RT: 4.01 min Scan# 707
Delta R.T. -0.00 min
Lab File: VN063502.D
Acq: 21 Sep 2020 22:05

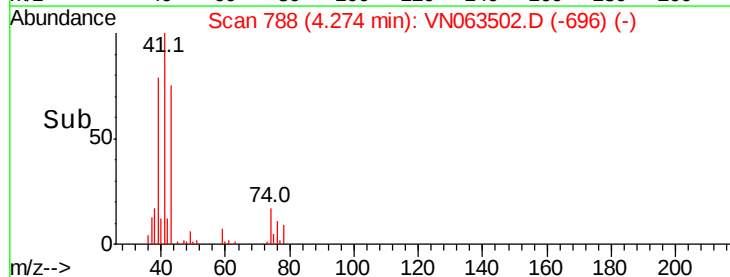
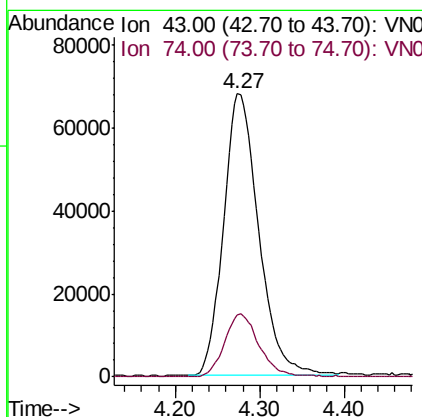
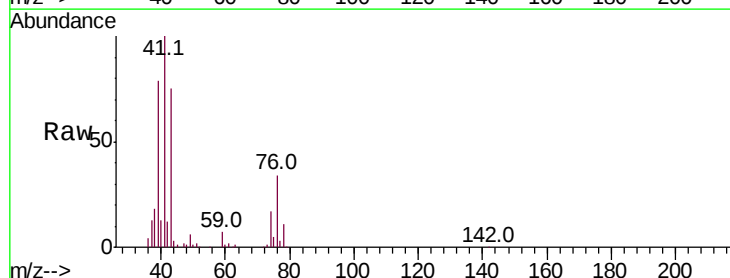
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

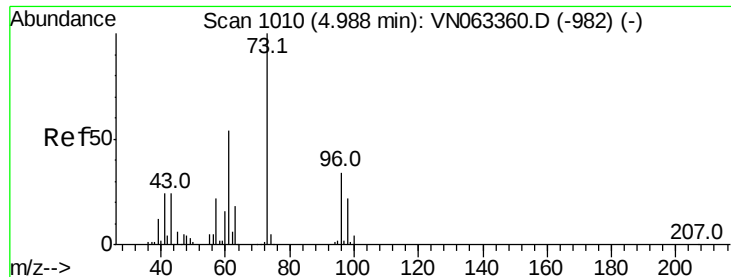
Tot Ion: 76 Resp: 408823
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 50.892 ug/l
RT: 4.27 min Scan# 788
Delta R.T. -0.00 min
Lab File: VN063502.D
Acq: 21 Sep 2020 22:05

Tgt Ion: 43 Resp: 196261
Ion Ratio Lower Upper
43 100
74 22.1 17.4 26.2

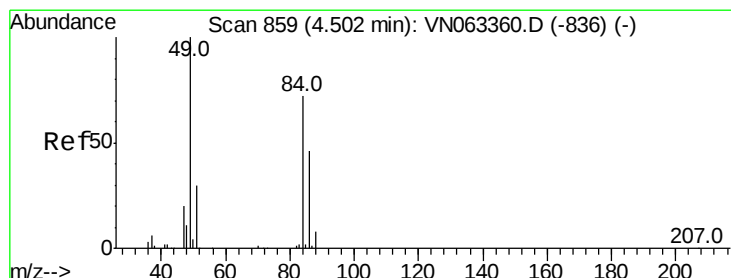
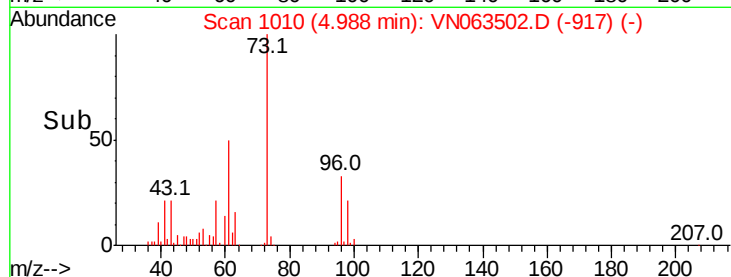
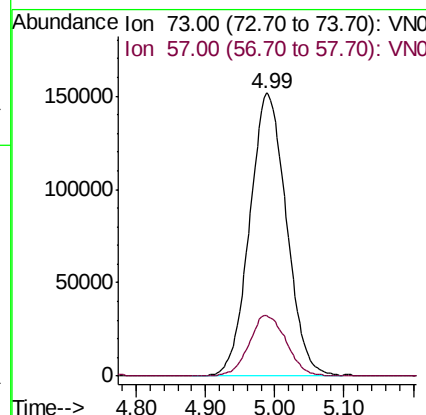
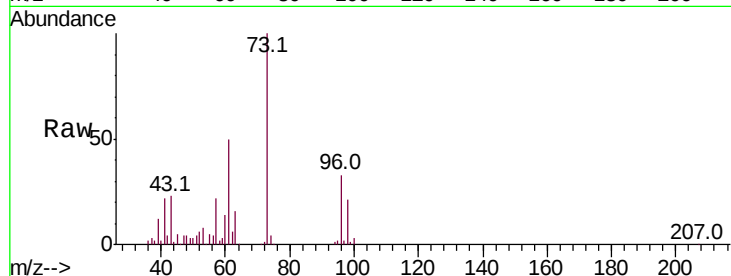




#19
Methvl tert-butvl Ether
Concen: 47.801 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. -0.00 min
Lab File: VN063502.D
Acq: 21 Sep 2020 22:05

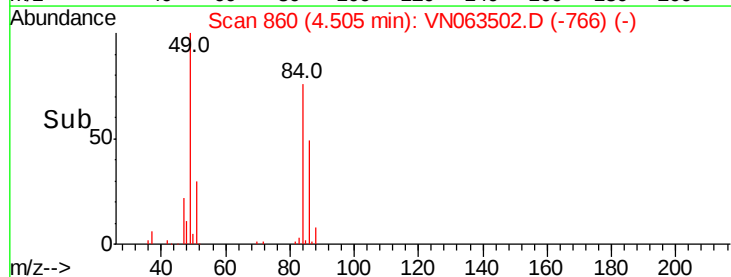
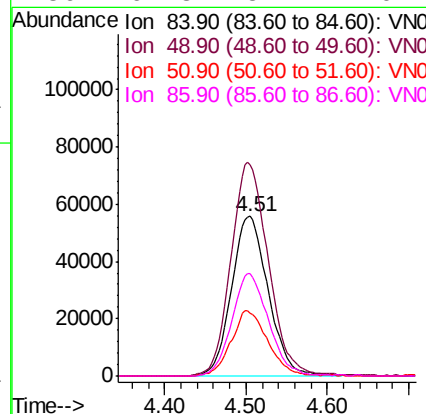
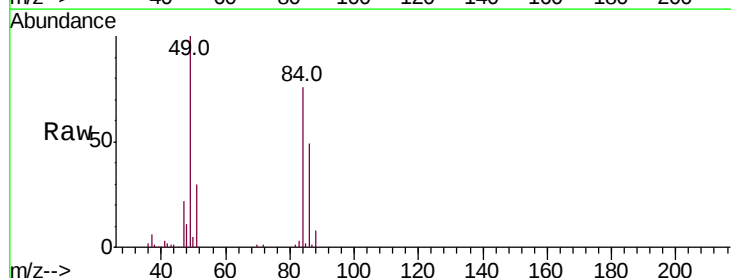
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

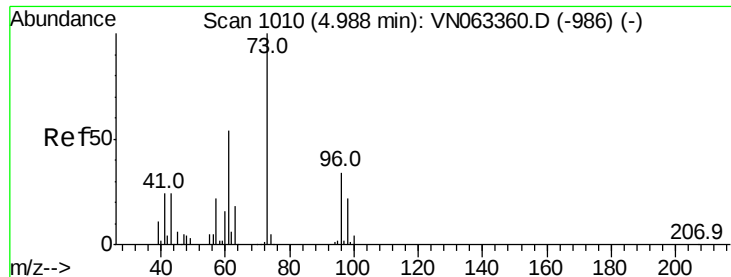
Tot Ion: 73 Resp: 558264
Ion Ratio Lower Upper
73 100
57 21.6 17.9 26.9



#20
Methylene Chloride
Concen: 45.584 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN063502.D
Acq: 21 Sep 2020 22:05

Tgt Ion: 84 Resp: 175447
Ion Ratio Lower Upper
84 100
49 131.9 110.7 166.1
51 39.7 32.9 49.3
86 64.3 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 46.131 ug/l

RT: 4.99 min Scan# 1011

Delta R.T. 0.00 min

Lab File: VN063502.D

Acq: 21 Sep 2020 22:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

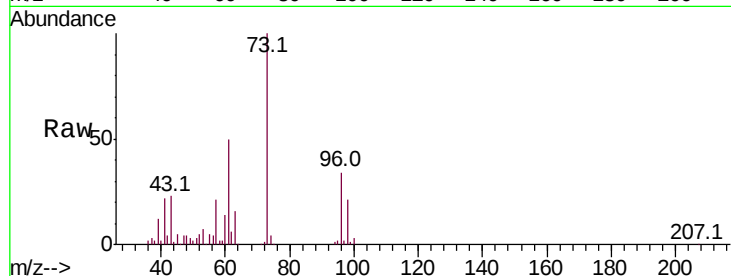
Tot Ion: 96 Resp: 160155

Ion Ratio Lower Upper

96 100

61 148.2 126.2 189.4

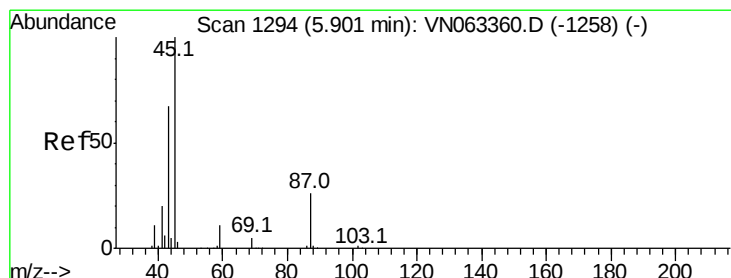
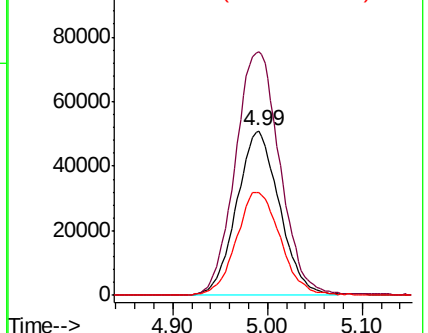
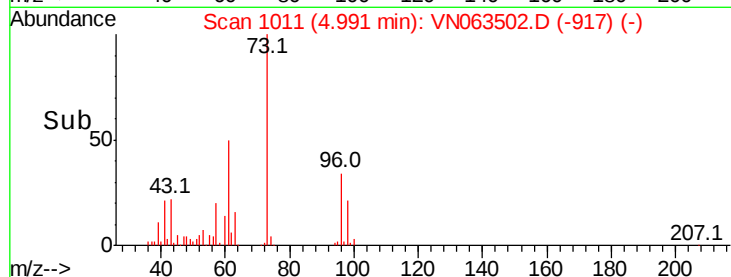
98 62.2 51.0 76.4



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: 47.016 ug/l

RT: 5.90 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VN063502.D

Acq: 21 Sep 2020 22:05

Tgt Ion: 45 Resp: 594331

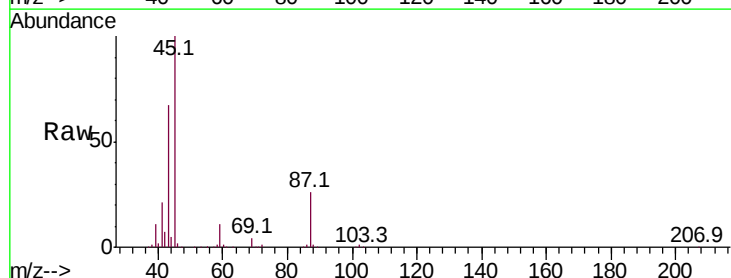
Ion Ratio Lower Upper

45 100

43 65.5 53.5 80.3

87 26.4 21.2 31.8

59 10.9 8.8 13.2

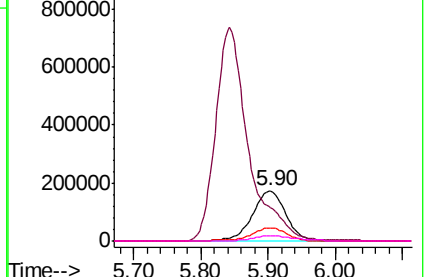
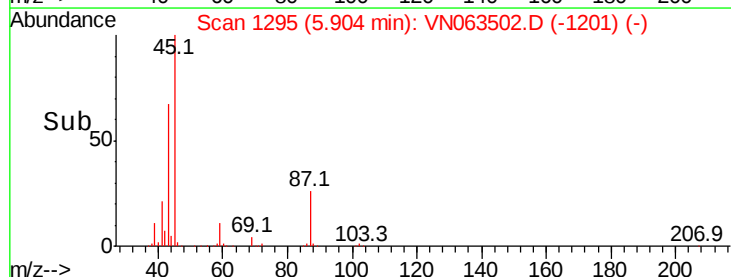


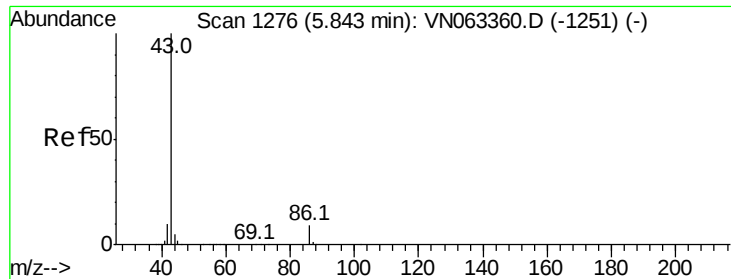
Abundance Ion 45.00 (44.70 to 45.70): VN063360.D (-1258) (-)

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) (-)

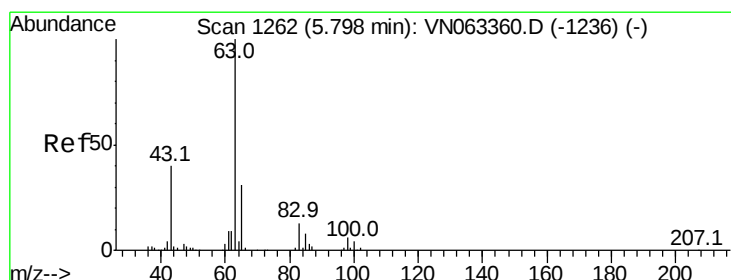
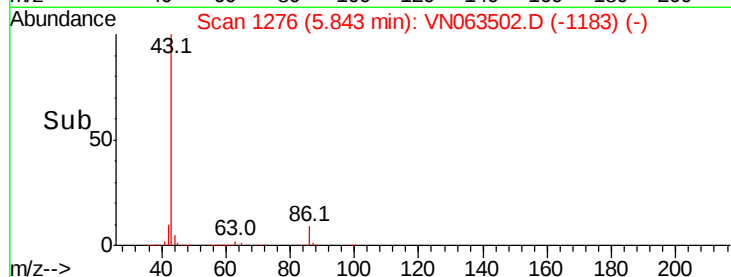
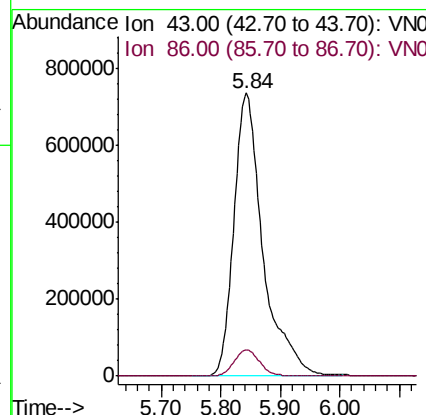
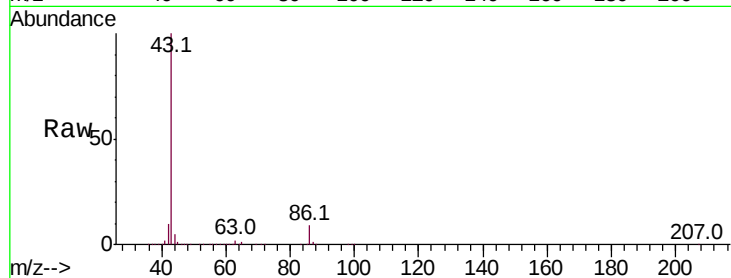




#23
 Vinyl Acetate
 Concen: 241.309 ug/l
 RT: 5.84 min Scan# 1276
 Delta R.T. -0.00 min
 Lab File: VN063502.D
 Acq: 21 Sep 2020 22:05

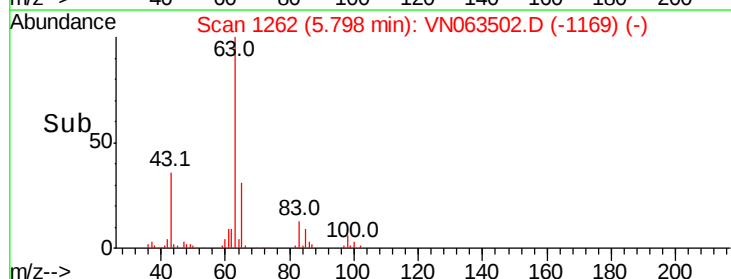
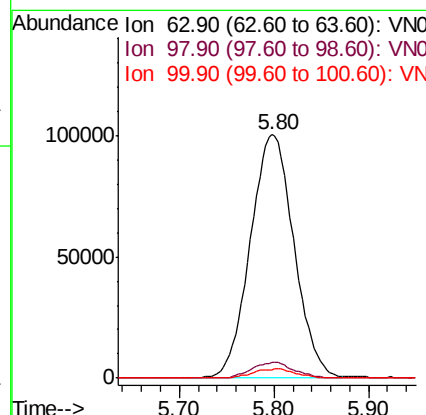
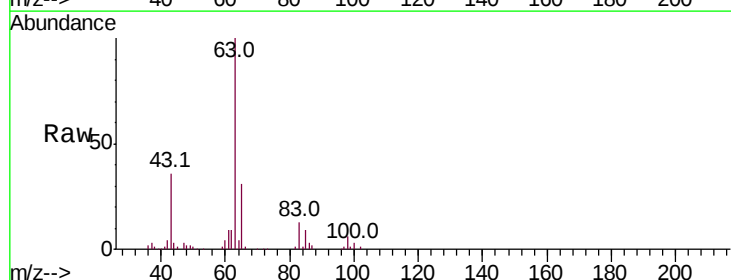
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

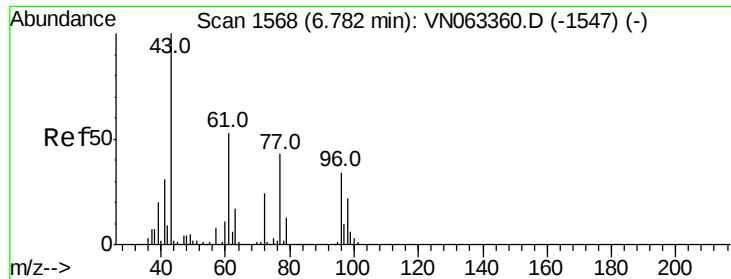
Tot Ion: 43 Resp: 2505206
 Ion Ratio Lower Upper
 43 100
 86 9.3 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 46.716 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. -0.00 min
 Lab File: VN063502.D
 Acq: 21 Sep 2020 22:05

Tgt Ion: 63 Resp: 322411
 Ion Ratio Lower Upper
 63 100
 98 6.4 2.9 8.8
 100 3.5 2.1 6.3





#25

2-Butanone

Concen: 242.964 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.00 min

Lab File: VN063502.D

Acq: 21 Sep 2020 22:05

Instrument :

MSVOA_N

ClientSampleId :

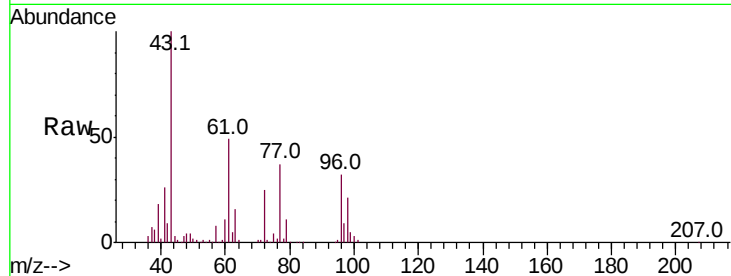
VSTDCCC050

Tot Ion: 43 Resp: 567648

Ion Ratio Lower Upper

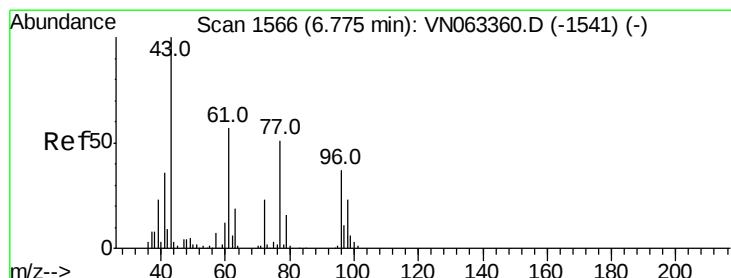
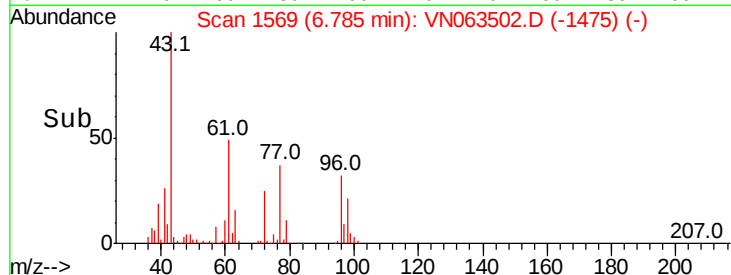
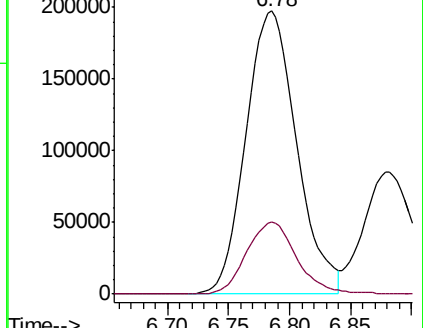
43 100

72 25.4 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: 42.731 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VN063502.D

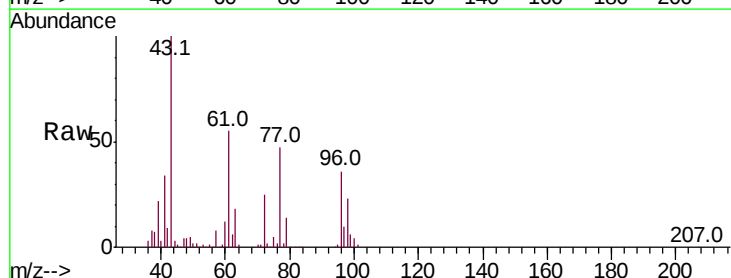
Acq: 21 Sep 2020 22:05

Tgt Ion: 77 Resp: 259648

Ion Ratio Lower Upper

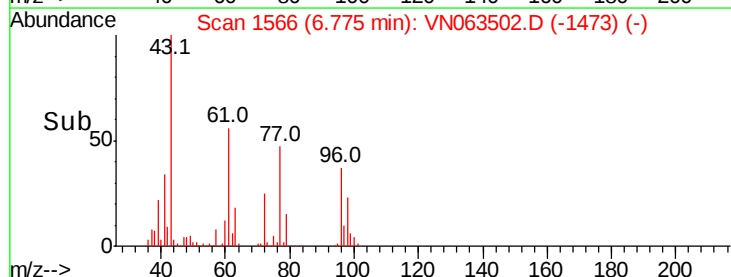
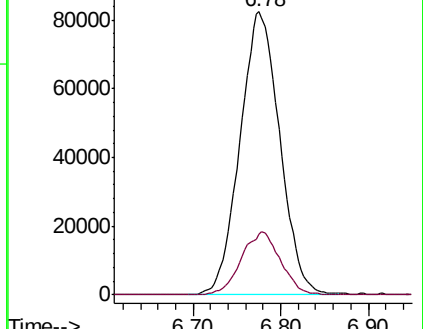
77 100

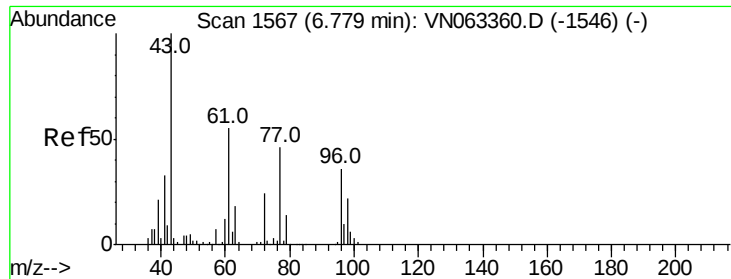
97 22.0 10.5 31.6



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0

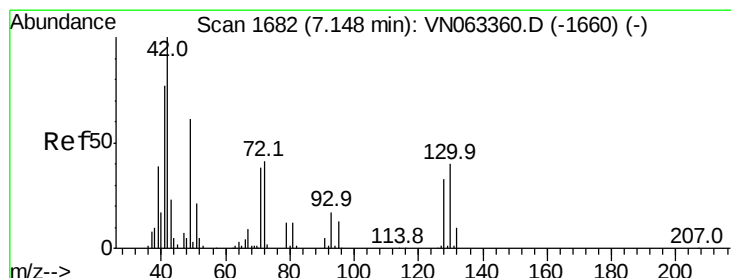
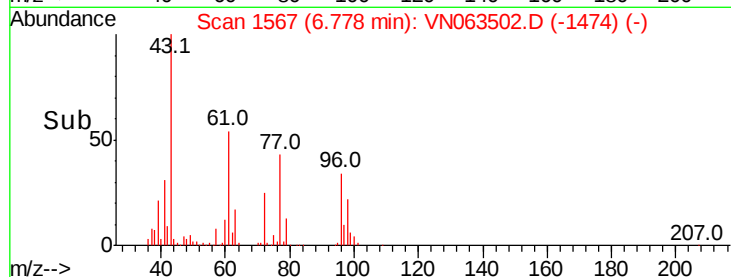
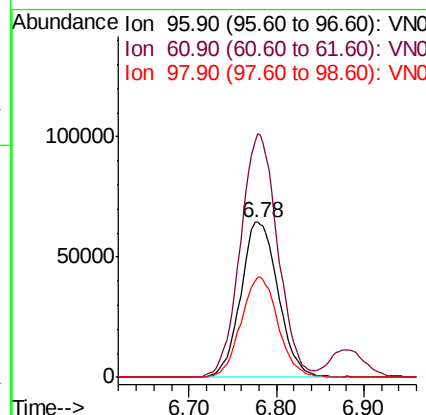
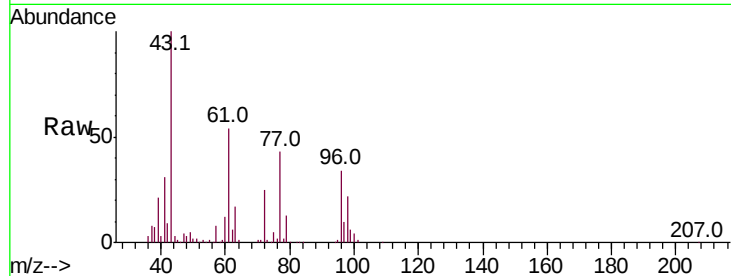




#27
 cis-1,2-Dichloroethene
 Concen: 48.657 ug/l
 RT: 6.78 min Scan# 1567
 Delta R.T. -0.00 min
 Lab File: VN063502.D
 Acq: 21 Sep 2020 22:05

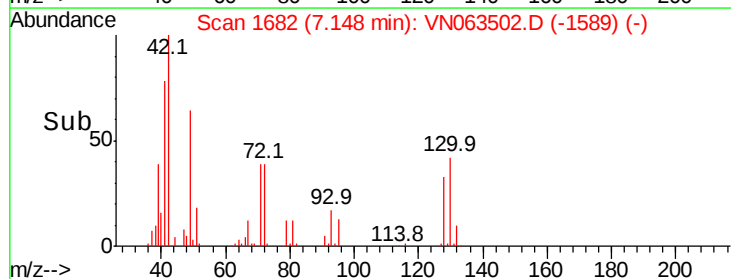
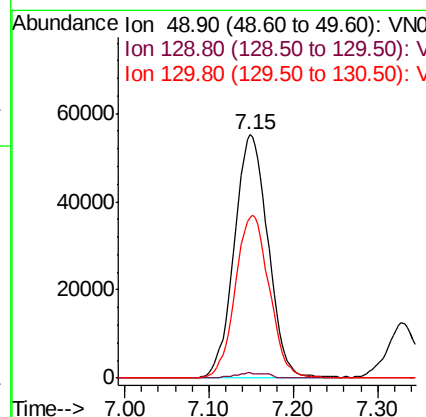
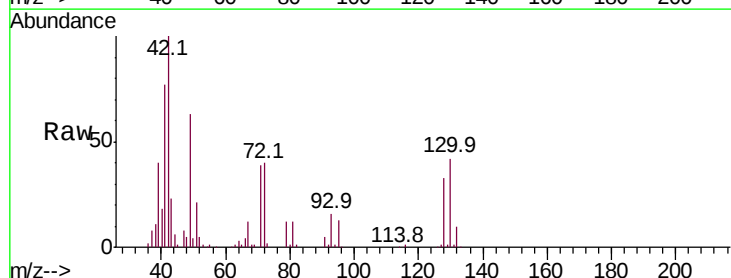
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

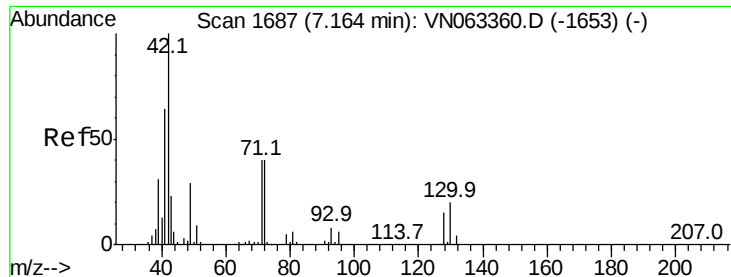
Tot Ion: 96 Resp: 191200
 Ion Ratio Lower Upper
 96 100
 61 156.4 0.0 319.6
 98 63.9 0.0 127.8



#28
 Bromochloromethane
 Concen: 48.385 ug/l
 RT: 7.15 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: VN063502.D
 Acq: 21 Sep 2020 22:05

Tgt Ion: 49 Resp: 154184
 Ion Ratio Lower Upper
 49 100
 129 1.4 0.0 3.8
 130 67.3 52.2 78.2

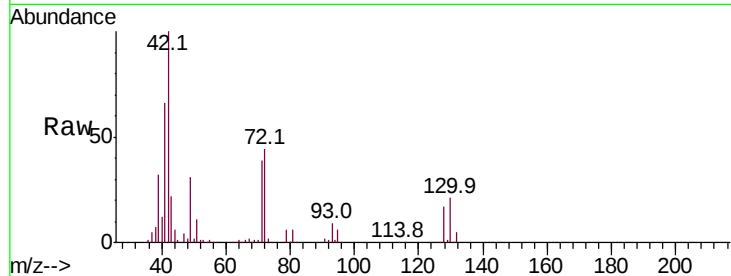




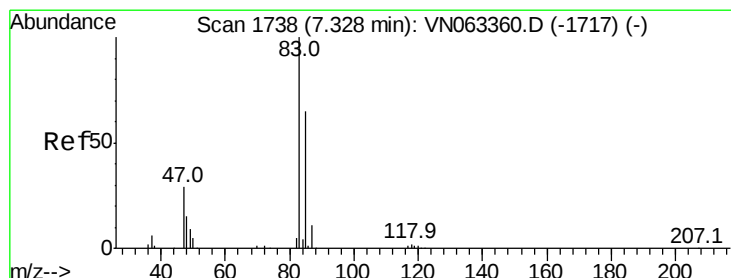
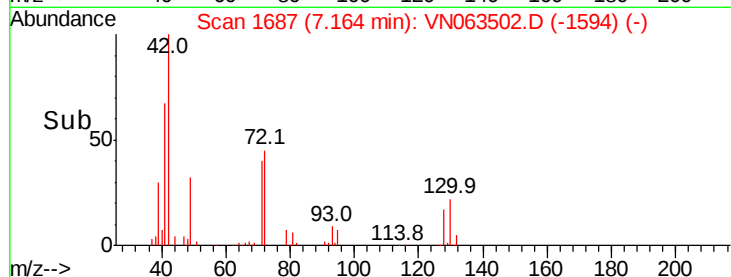
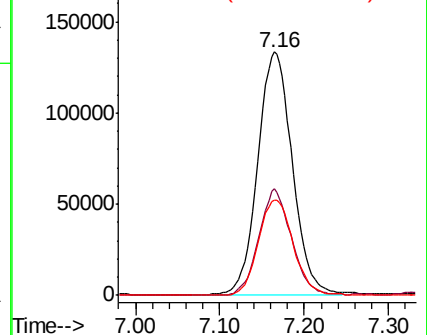
#29
Tetrahydrofuran
Concen: 237.390 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VN063502.D
Acq: 21 Sep 2020 22:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.4	32.1	48.1
71	39.8	31.2	46.8

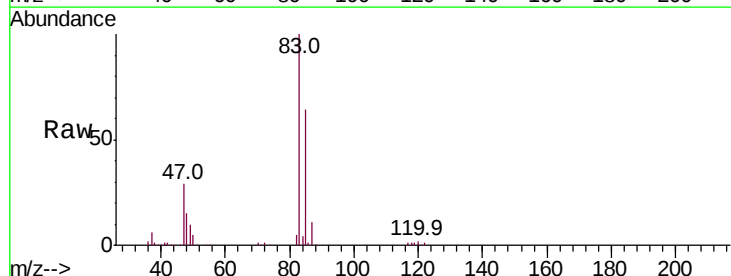


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

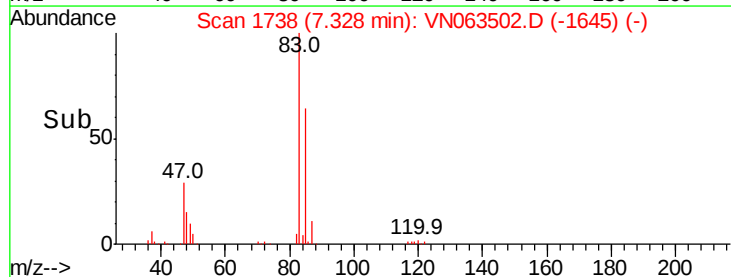
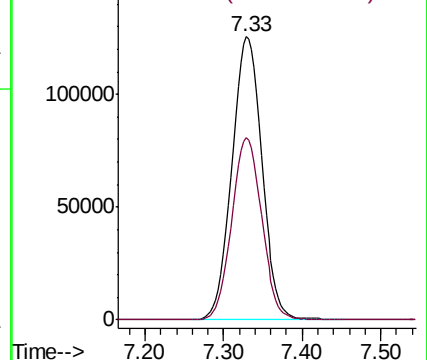


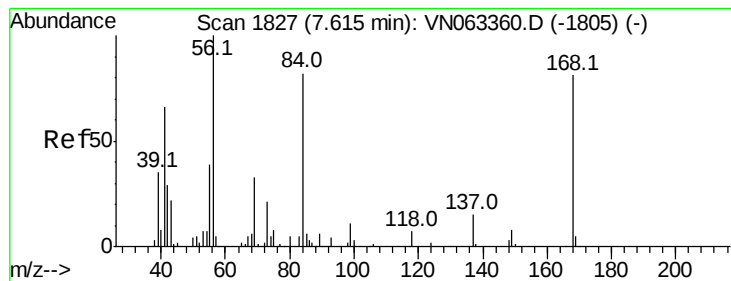
#30
Chloroform
Concen: 48.229 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VN063502.D
Acq: 21 Sep 2020 22:05

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.3	52.1	78.1



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 41.841 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VN063502.D

Acq: 21 Sep 2020 22:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

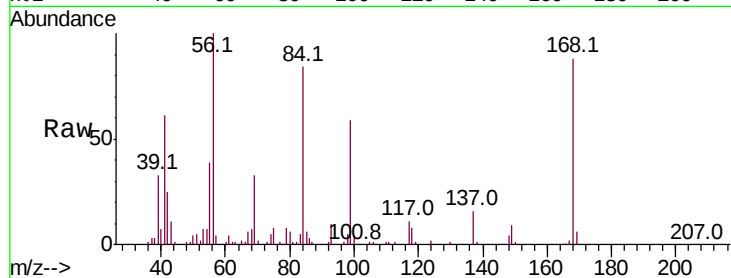
Tot Ion: 56 Resp: 273145

Ion Ratio Lower Upper

56 100

69 32.6 26.1 39.1

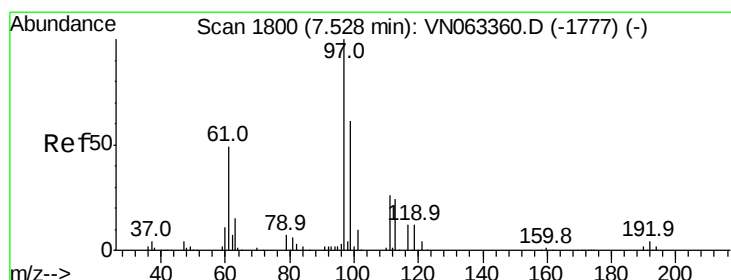
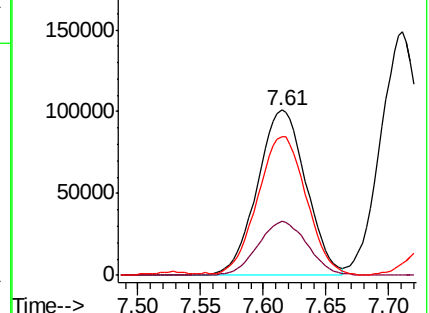
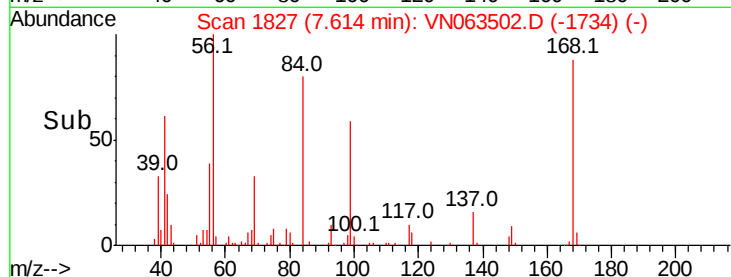
84 83.0 65.4 98.2



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 48.522 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VN063502.D

Acq: 21 Sep 2020 22:05

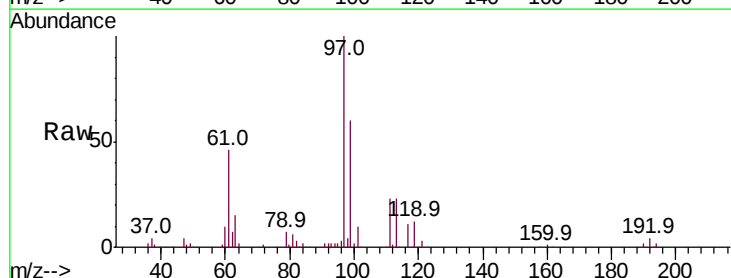
Tgt Ion: 97 Resp: 298827

Ion Ratio Lower Upper

97 100

99 62.9 50.6 76.0

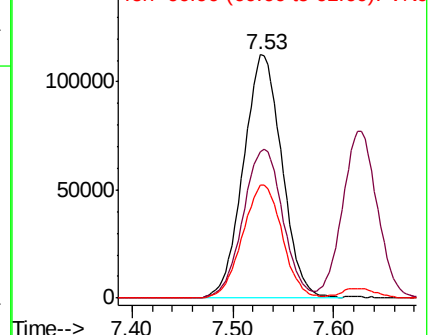
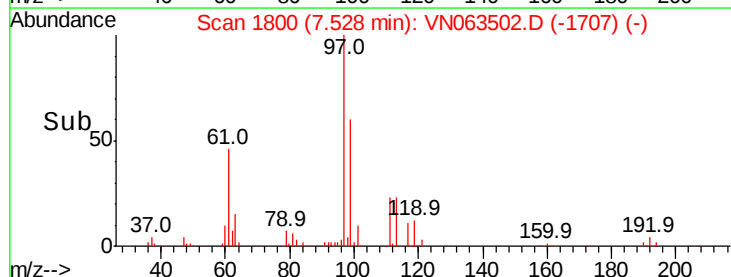
61 47.7 39.2 58.8

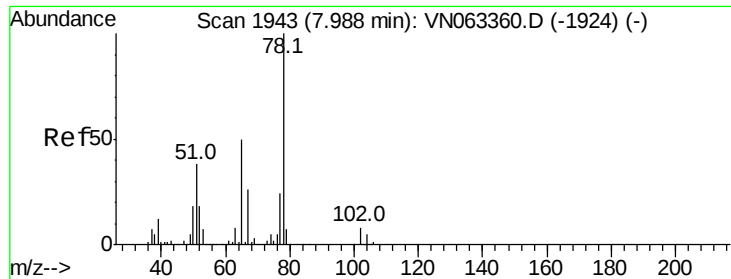


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

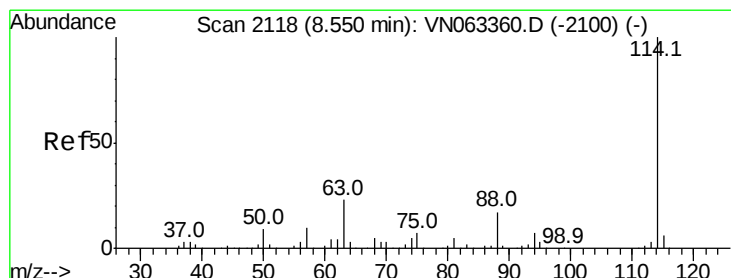
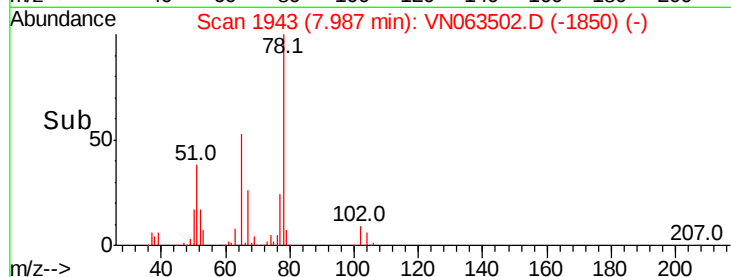
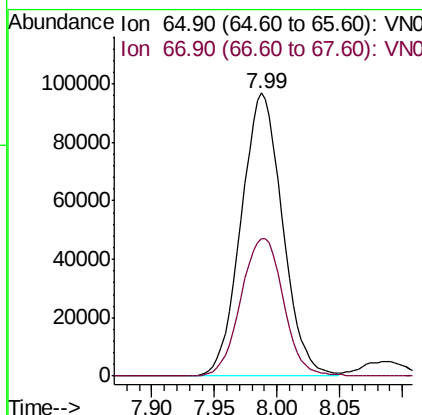
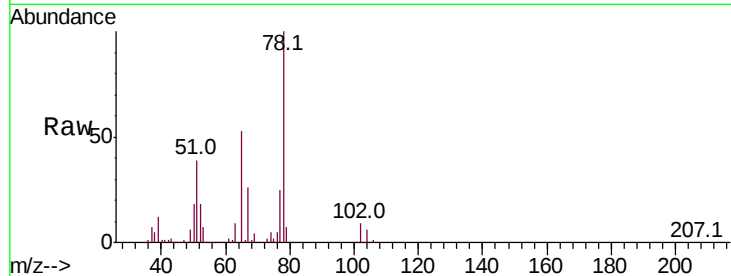




#33
 1,2-Dichloroethane-d4
 Concen: 47.145 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN063502.D
 Acq: 21 Sep 2020 22:05

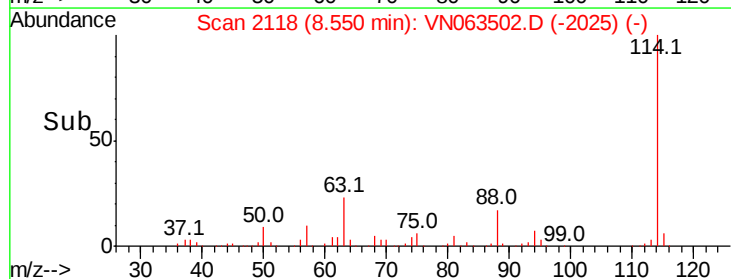
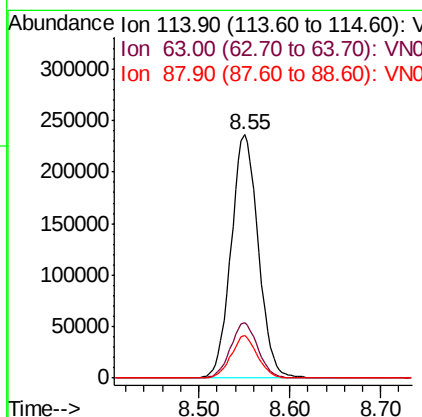
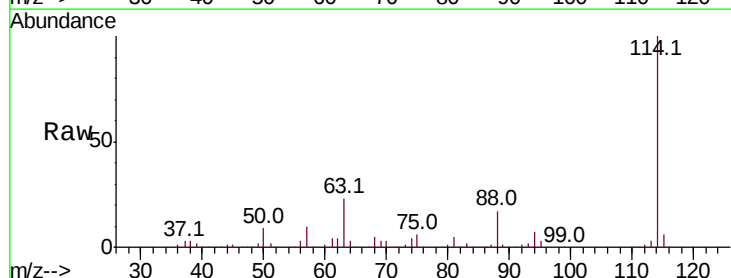
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

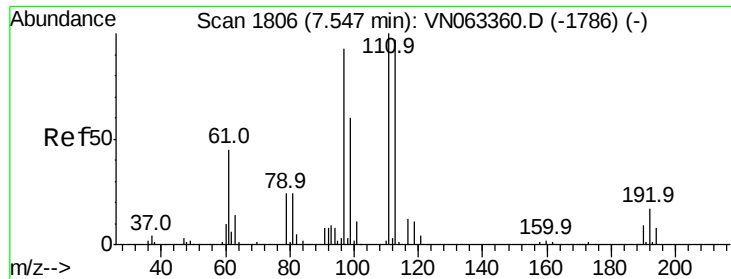
Tot Ion: 65 Resp: 222842
 Ion Ratio Lower Upper
 65 100
 67 50.0 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063502.D
 Acq: 21 Sep 2020 22:05

Tgt Ion: 114 Resp: 492031
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 46.4
 88 17.4 0.0 33.2

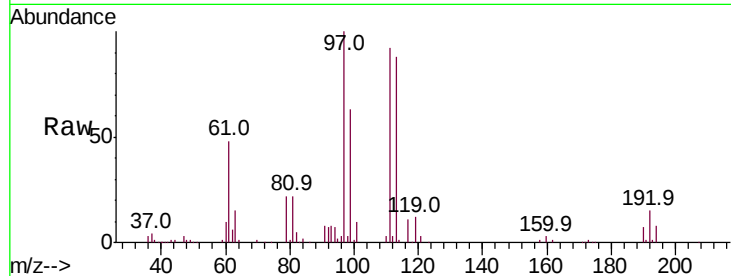




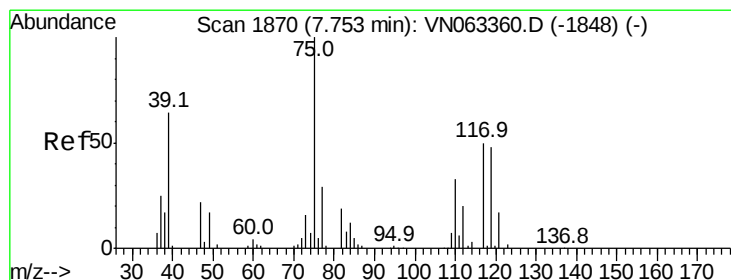
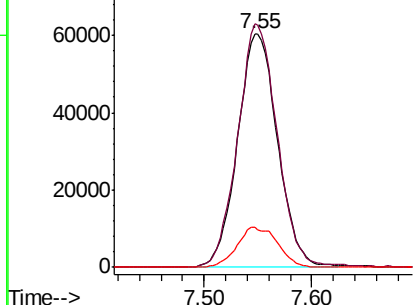
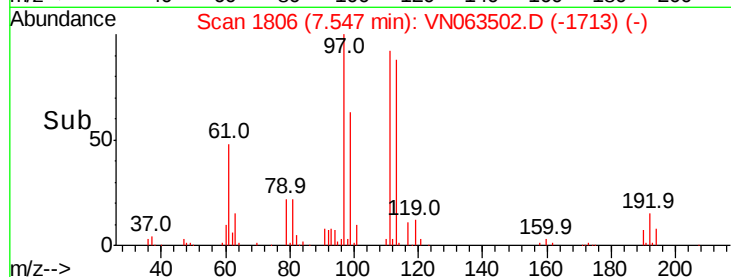
#35
 Dibromofluoromethane
 Concen: 45.804 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN063502.D
 Acq: 21 Sep 2020 22:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:113 Resp: 156019
 Ion Ratio Lower Upper
 113 100
 111 103.2 82.9 124.3
 192 17.5 13.9 20.9

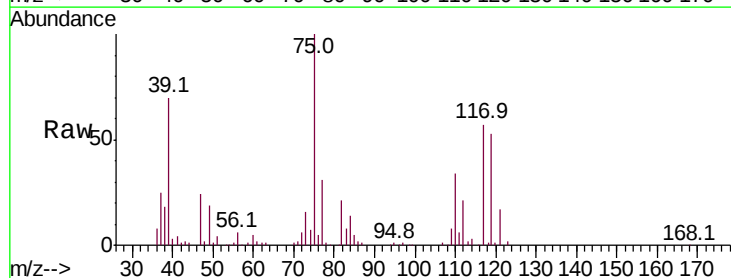


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

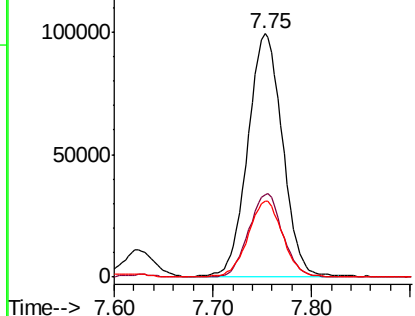
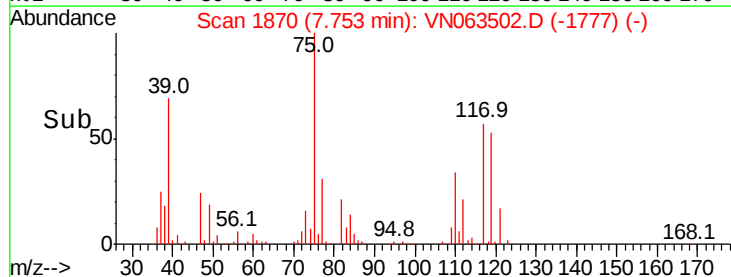


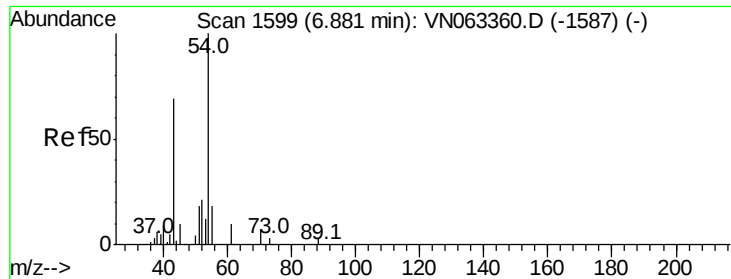
#36
 1,1-Dichloropropene
 Concen: 45.956 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: VN063502.D
 Acq: 21 Sep 2020 22:05

Tgt Ion: 75 Resp: 240895
 Ion Ratio Lower Upper
 75 100
 110 33.5 16.5 49.5
 77 31.5 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

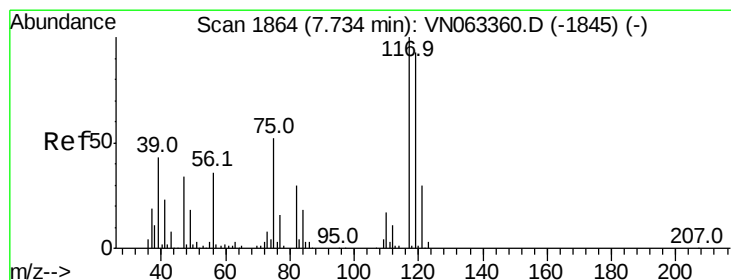
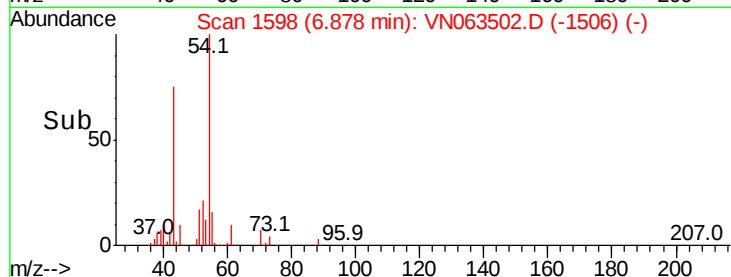
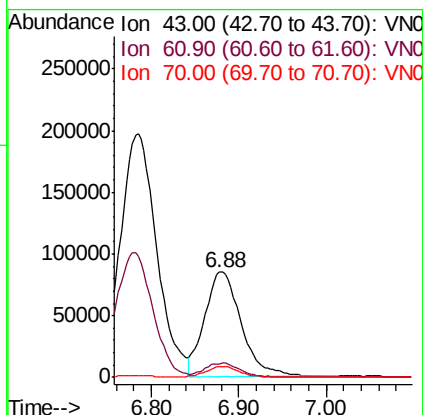
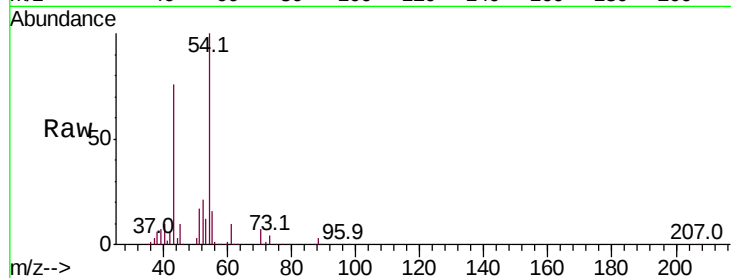




#37
Ethyl Acetate
Concen: 47.876 ug/l
RT: 6.88 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VN063502.D
Acq: 21 Sep 2020 22:05

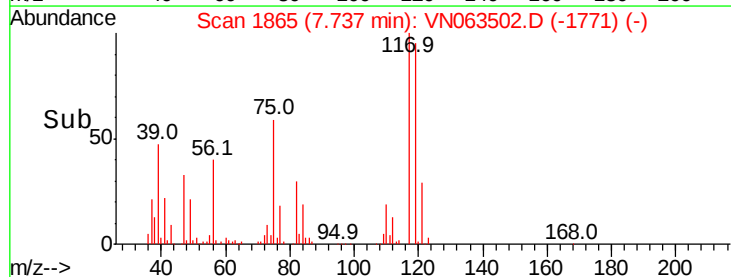
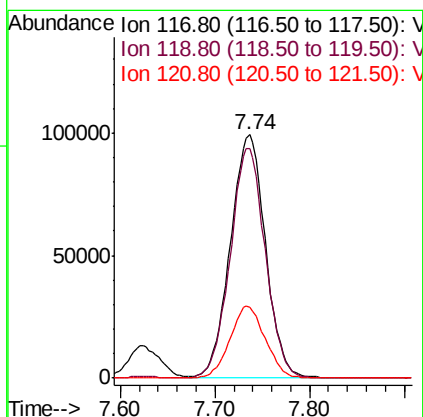
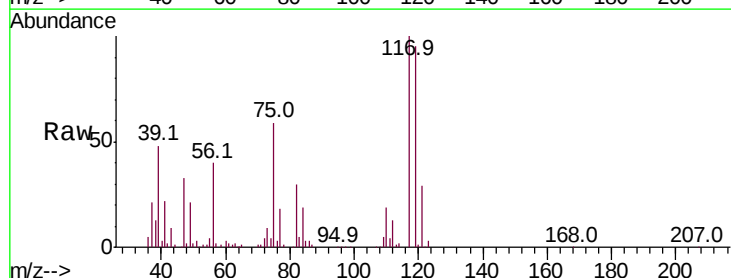
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

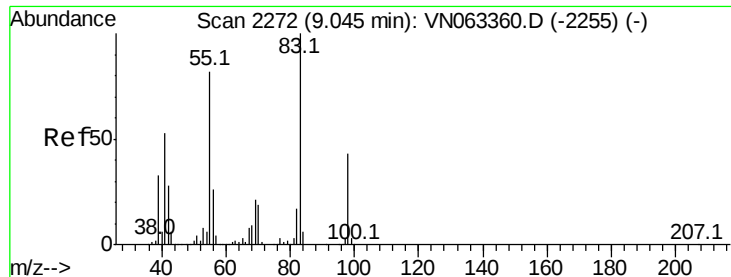
Tot Ion: 43 Resp: 246309
Ion Ratio Lower Upper
43 100
61 12.8 10.6 15.8
70 9.2 7.2 10.8



#38
Carbon Tetrachloride
Concen: 47.544 ug/l
RT: 7.74 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN063502.D
Acq: 21 Sep 2020 22:05

Tgt Ion: 117 Resp: 254403
Ion Ratio Lower Upper
117 100
119 94.6 74.5 111.7
121 29.2 24.1 36.1

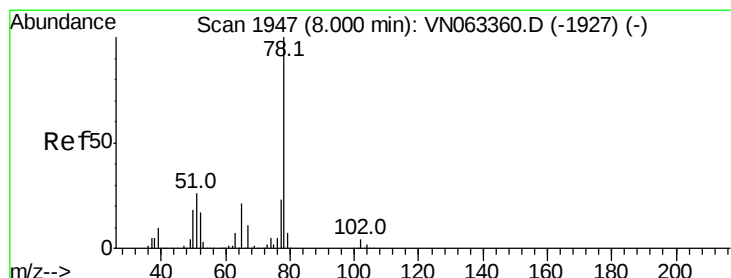
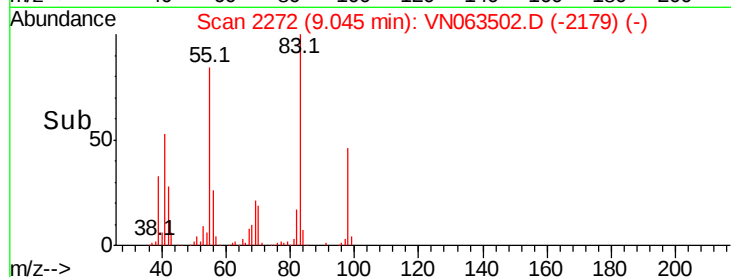
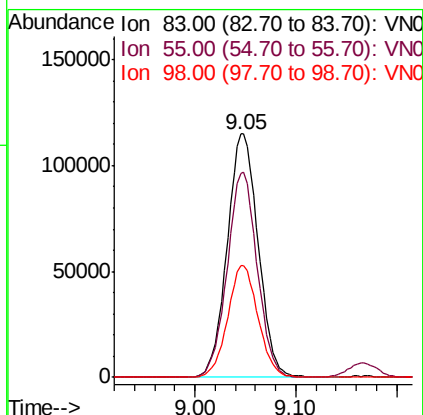
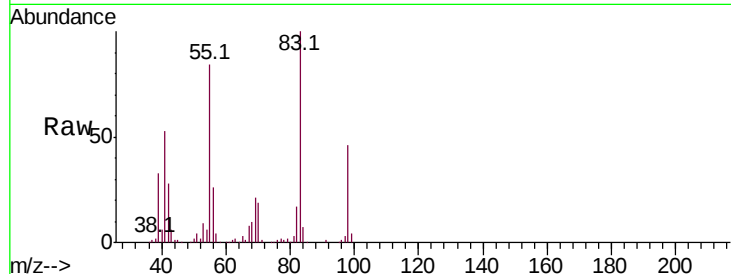




#39
Methvlcvclohexane
Concen: 43.153 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN063502.D
Acq: 21 Sep 2020 22:05

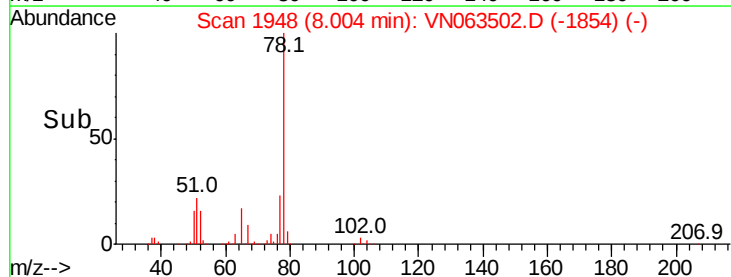
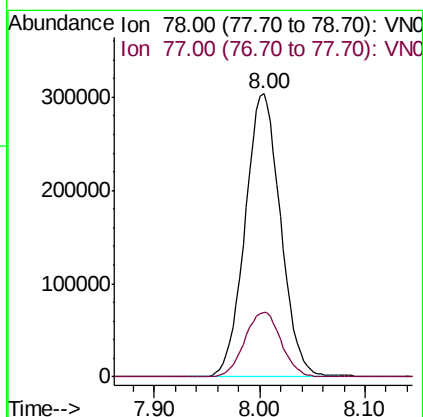
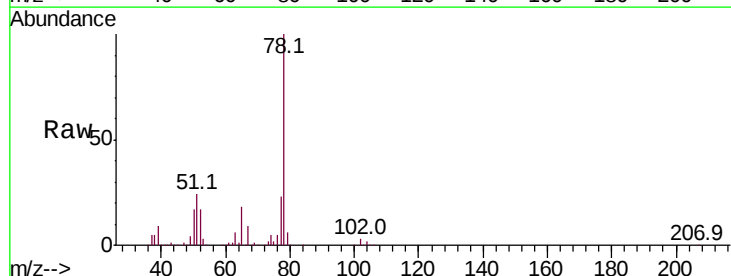
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

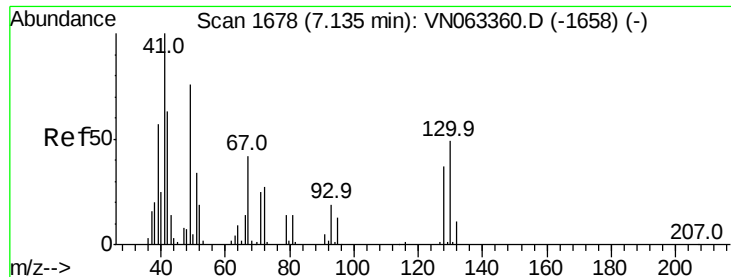
Tot Ion	83	Resp	245505
Ion	Ratio	Lower	Upper
83	100		
55	84.0	65.5	98.3
98	45.8	34.2	51.4



#40
Benzene
Concen: 47.603 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063502.D
Acq: 21 Sep 2020 22:05

Tgt Ion	78	Resp	712314
Ion	Ratio	Lower	Upper
78	100		
77	22.9	18.3	27.5

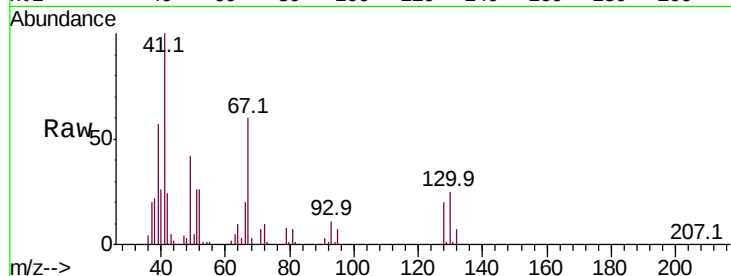




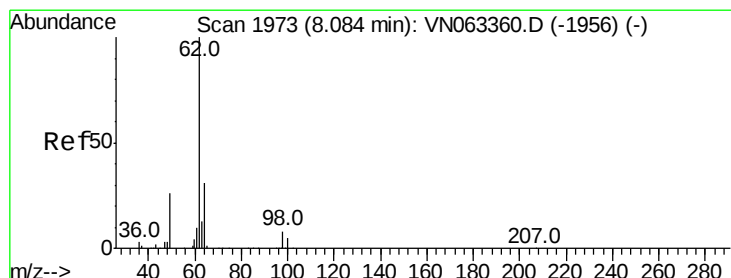
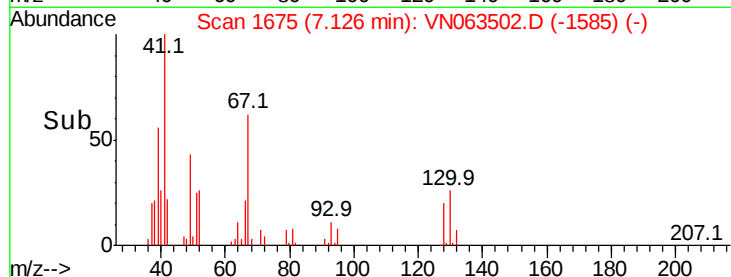
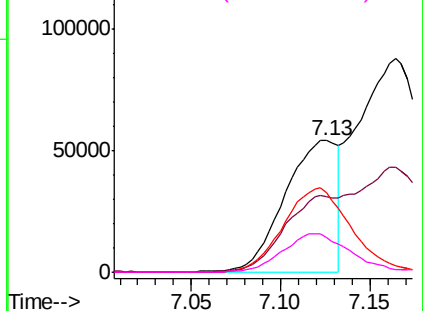
#41
Methacrylonitrile
Concen: 48.277 ug/l
RT: 7.13 min Scan# 1675
Delta R.T. -0.01 min
Lab File: VN063502.D
Acq: 21 Sep 2020 22:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 41 Resp: 111708
Ion Ratio Lower Upper
41 100
39 52.8 0.0 0.0#
67 82.5 0.0 0.0#
52 38.3 0.0 0.0#

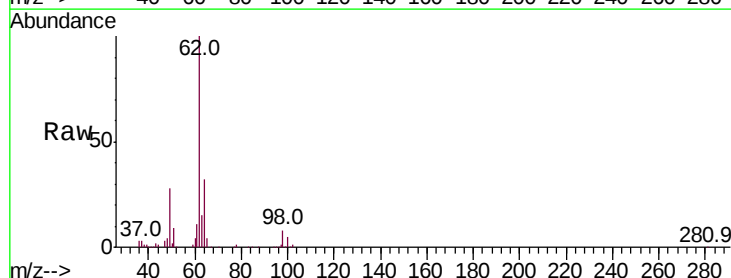


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

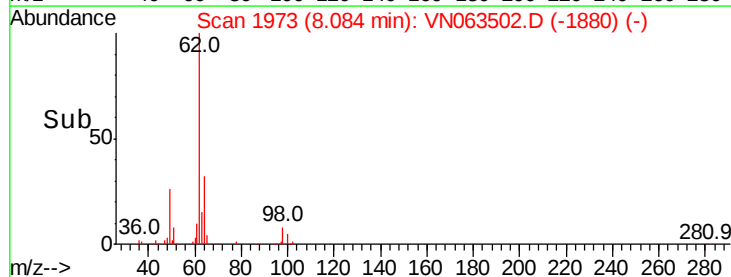
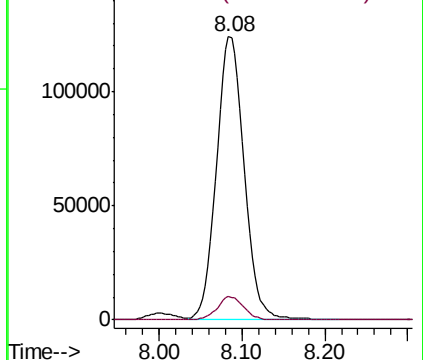


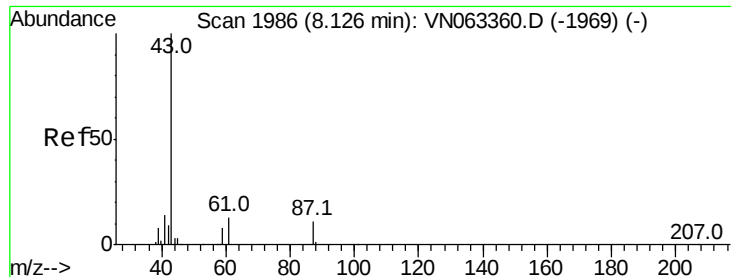
#42
1,2-Dichloroethane
Concen: 47.588 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN063502.D
Acq: 21 Sep 2020 22:05

Tgt Ion: 62 Resp: 286366
Ion Ratio Lower Upper
62 100
98 7.9 0.0 15.6



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





#43

Isopropyl Acetate

Concen: 46.254 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN063502.D

Acq: 21 Sep 2020 22:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

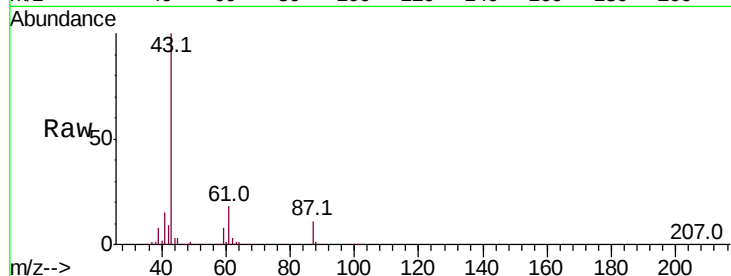
Tot Ion: 43 Resp: 425497

Ion Ratio Lower Upper

43 100

61 17.6 14.2 21.2

87 12.0 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VN063360.D (-1969) (-)

Ion 61.00 (60.70 to 61.70): VN063360.D (-1969) (-)

Ion 87.00 (86.70 to 87.70): VN063360.D (-1969) (-)

8.13

200000

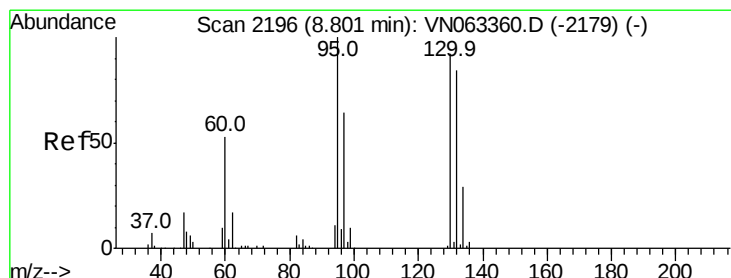
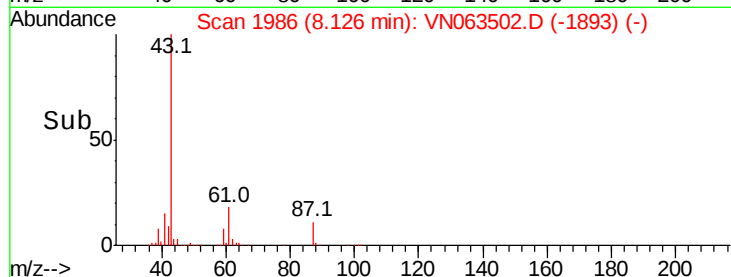
150000

100000

50000

0

Time-->



#44

Trichloroethene

Concen: 48.835 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN063502.D

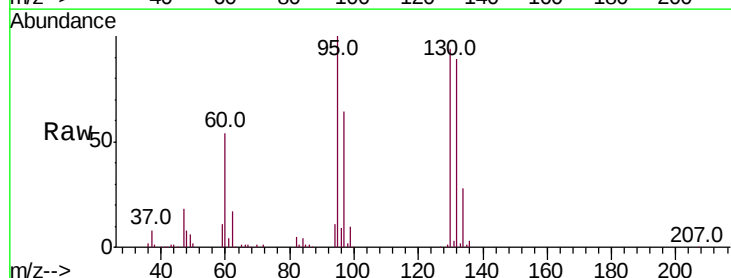
Acq: 21 Sep 2020 22:05

Tgt Ion:130 Resp: 177240

Ion Ratio Lower Upper

130 100

95 106.8 0.0 217.4



Abundance Ion 129.80 (129.50 to 130.50): VN063360.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN063360.D (-2179) (-)

8.80

100000

80000

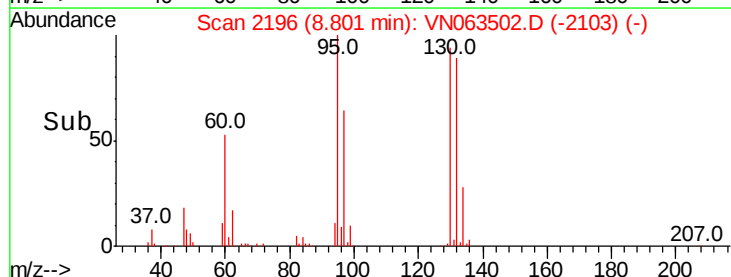
60000

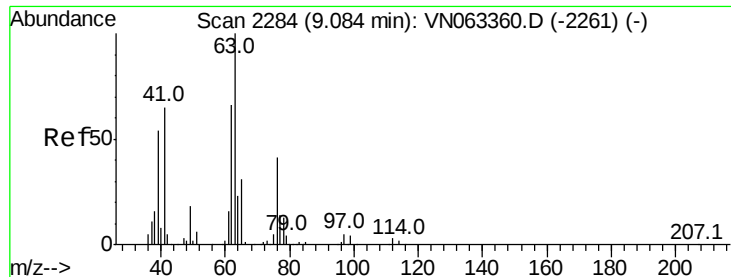
40000

20000

0

Time-->





#45

1,2-Dichloropropane

Concen: 47.640 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN063502.D

Acq: 21 Sep 2020 22:05

Instrument :

MSVOA_N

ClientSampleId :

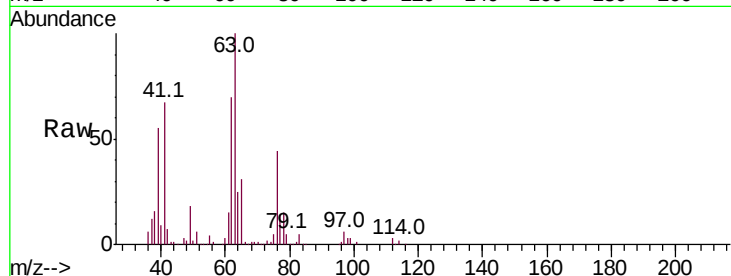
VSTDCCC050

Tot Ion: 63 Resp: 194153

Ion Ratio Lower Upper

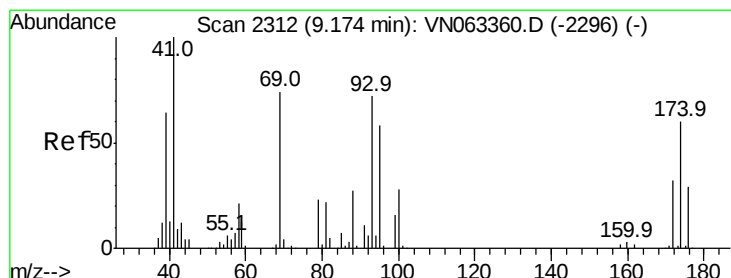
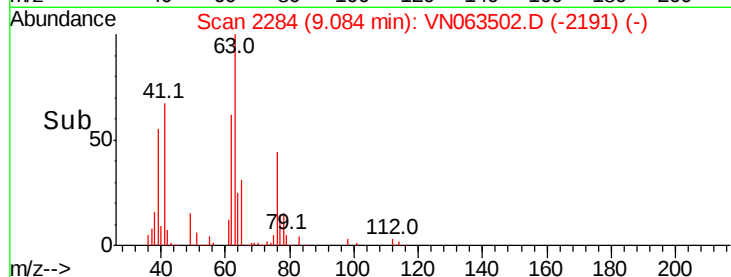
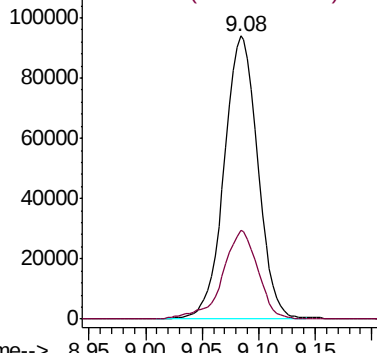
63 100

65 31.1 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 48.186 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN063502.D

Acq: 21 Sep 2020 22:05

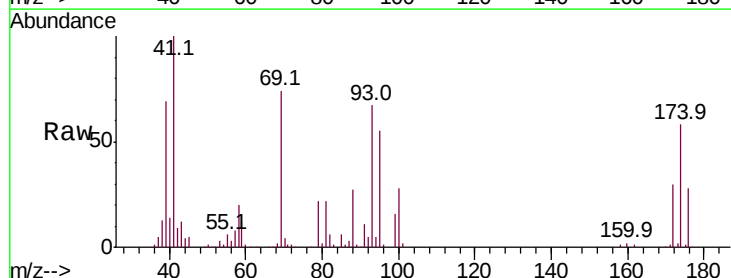
Tgt Ion: 93 Resp: 129072

Ion Ratio Lower Upper

93 100

95 81.6 65.6 98.4

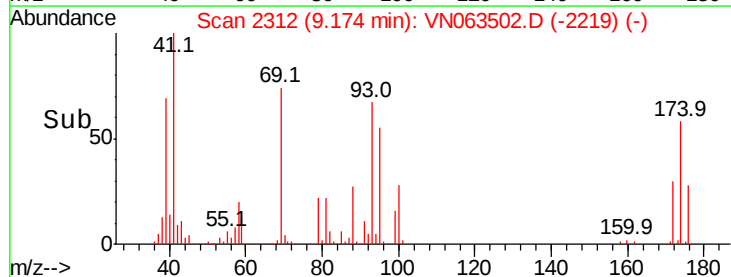
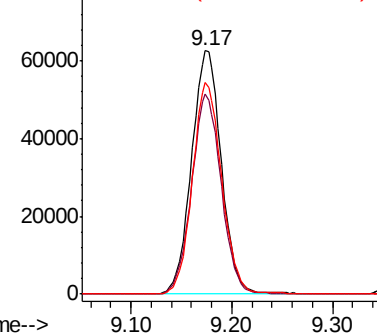
174 85.4 68.1 102.1

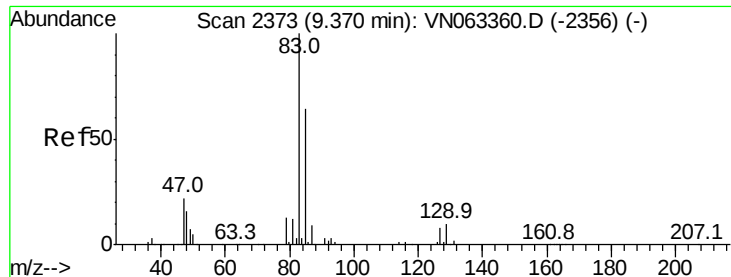


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 48.037 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN063502.D

Acq: 21 Sep 2020 22:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

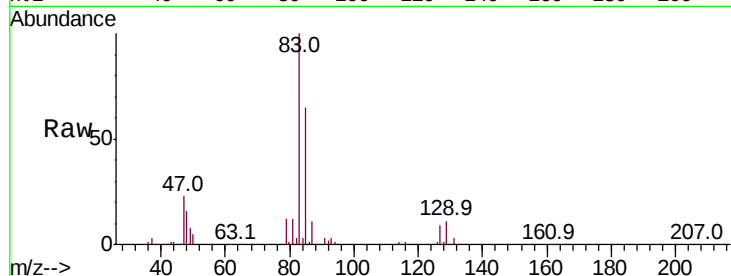
Tot Ion: 83 Resp: 267315

Ion Ratio Lower Upper

83 100

85 64.9 51.0 76.6

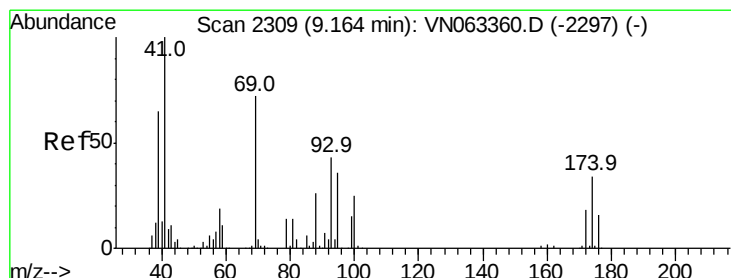
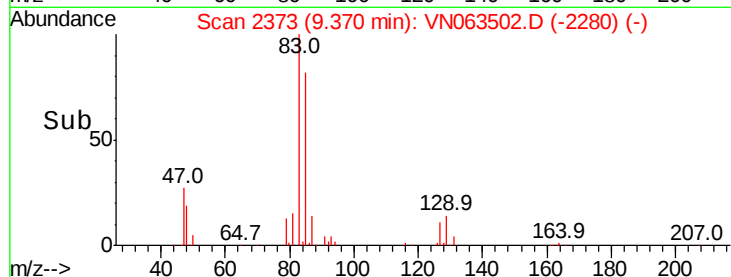
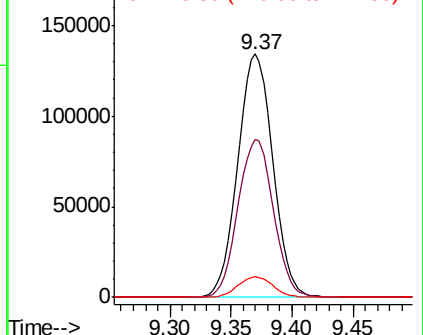
127 8.5 6.3 9.5



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

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

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



#48

Methyl methacrylate

Concen: 46.211 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN063502.D

Acq: 21 Sep 2020 22:05

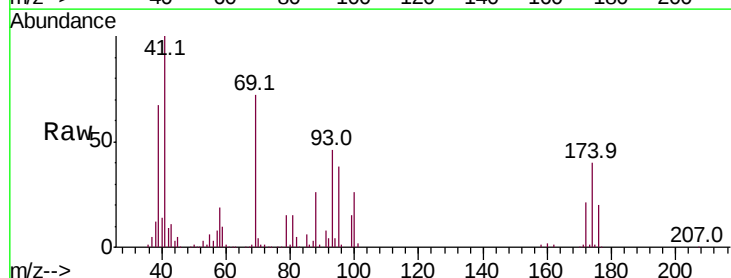
Tgt Ion: 41 Resp: 208859

Ion Ratio Lower Upper

41 100

69 75.9 59.3 88.9

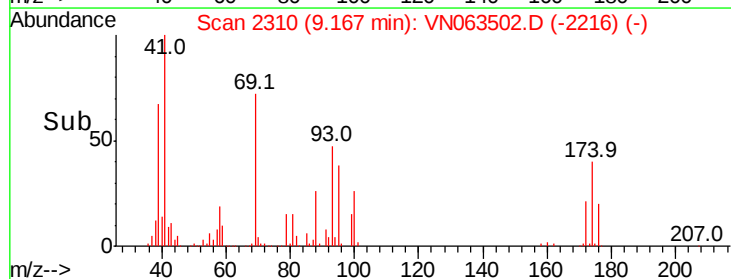
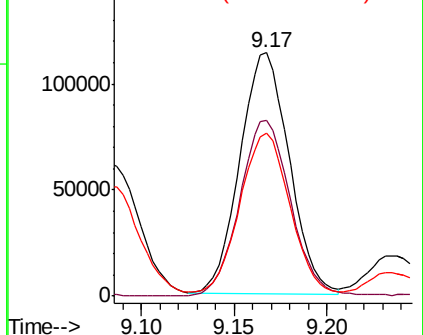
39 69.8 52.9 79.3

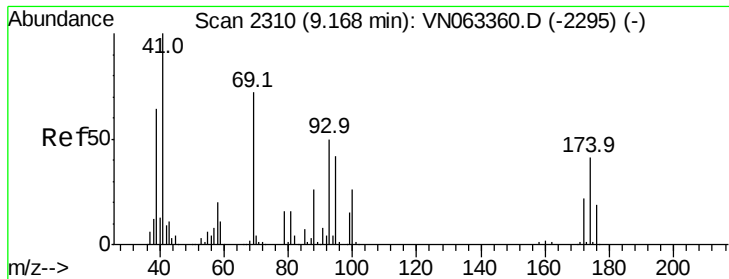


Abundance Ion 41.00 (40.70 to 41.70): VN063360.D (-2297) (-)

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

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





#49

1,4-Dioxane

Concen: 992.666 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN063502.D

Acq: 21 Sep 2020 22:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

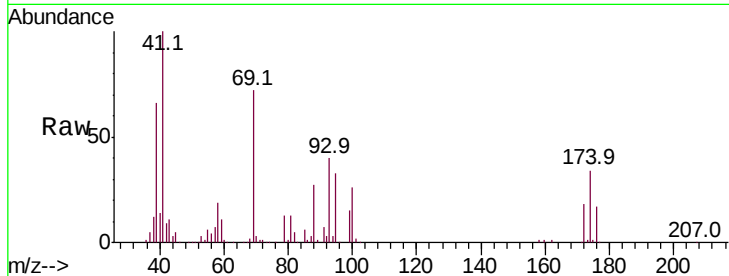
Tot Ion: 88 Resp: 64384

Ion Ratio Lower Upper

88 100

43 40.0 32.6 49.0

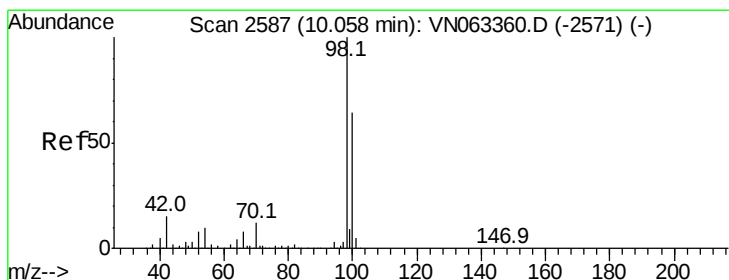
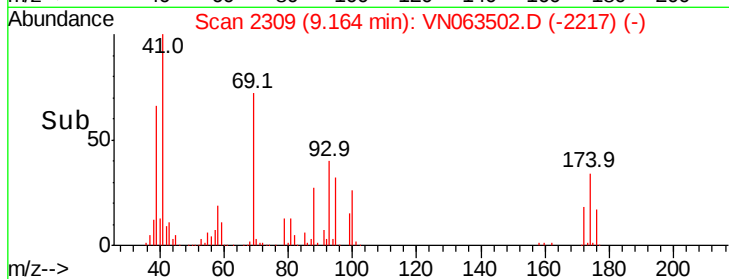
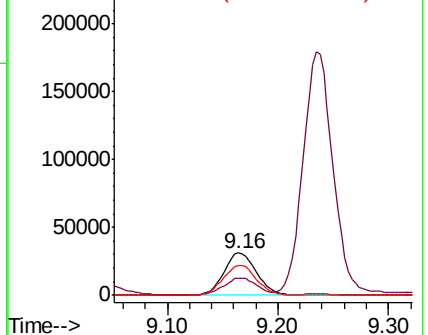
58 72.4 60.0 90.0



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) (-)



#50

Toluene-d8

Concen: 46.975 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN063502.D

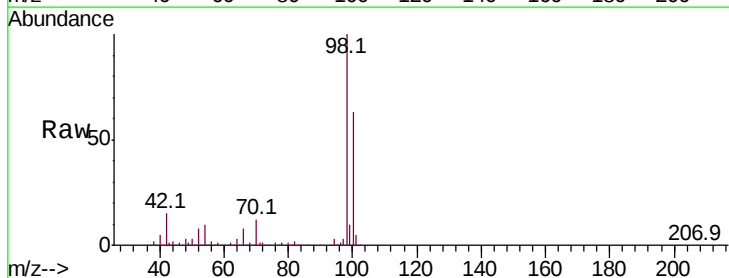
Acq: 21 Sep 2020 22:05

Tgt Ion: 98 Resp: 601664

Ion Ratio Lower Upper

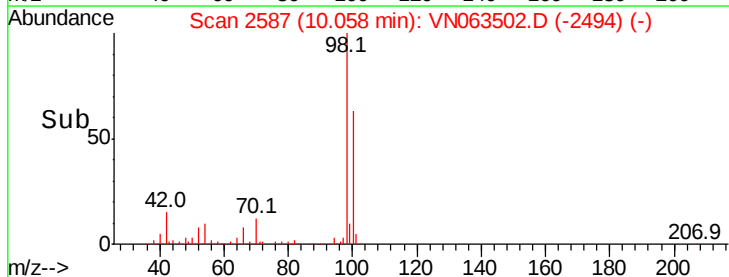
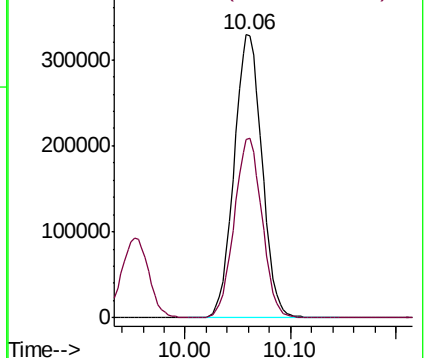
98 100

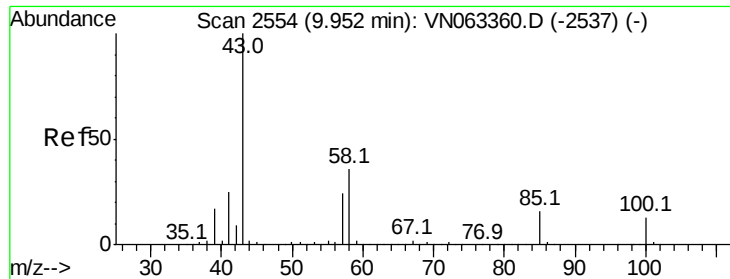
100 63.0 50.7 76.1



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

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





#51

4-Methyl-2-Pentanone

Concen: 244.263 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN063502.D

Acq: 21 Sep 2020 22:05

Instrument :

MSVOA_N

ClientSampleId :

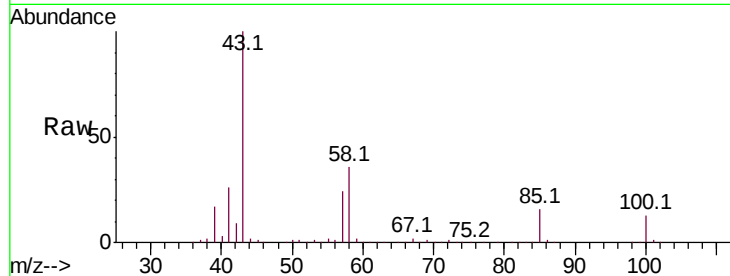
VSTDCCC050

Tot Ion: 43 Resp: 1257966

Ion Ratio Lower Upper

43 100

58 36.8 29.0 43.6



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

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

9.95

800000

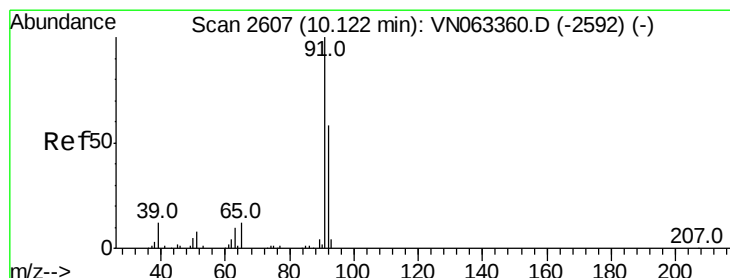
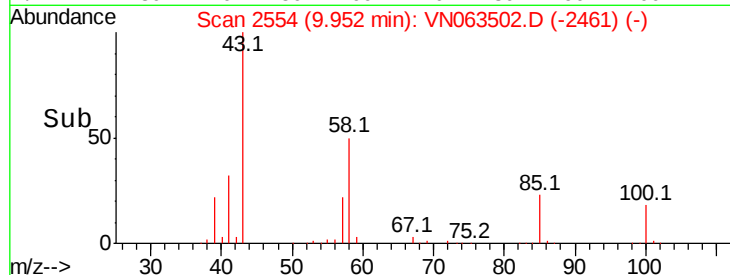
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 49.306 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063502.D

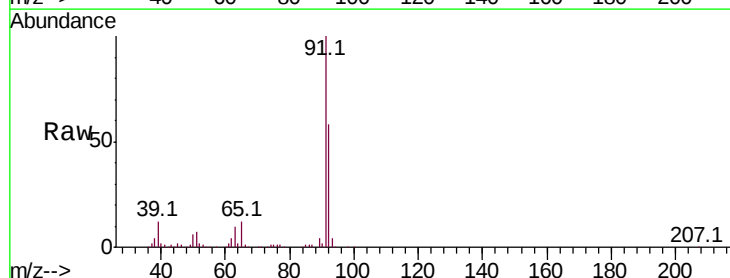
Acq: 21 Sep 2020 22:05

Tgt Ion: 92 Resp: 443586

Ion Ratio Lower Upper

92 100

91 175.1 139.7 209.5



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

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

10.13

500000

400000

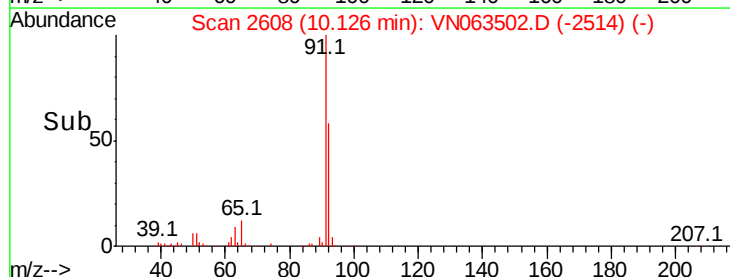
300000

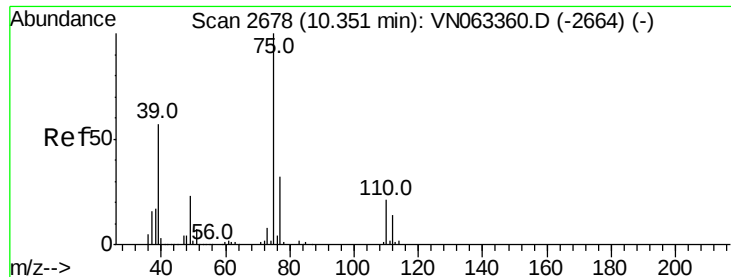
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 47.629 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN063502.D

Acq: 21 Sep 2020 22:05

Instrument :

MSVOA_N

ClientSampleId :

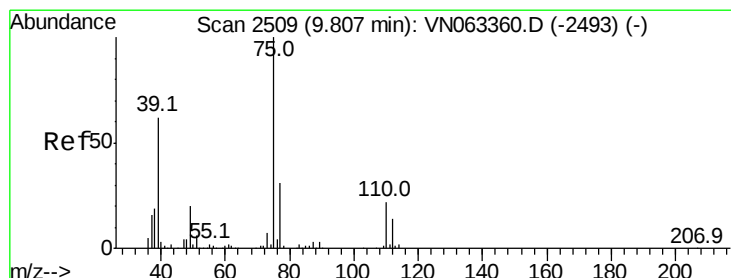
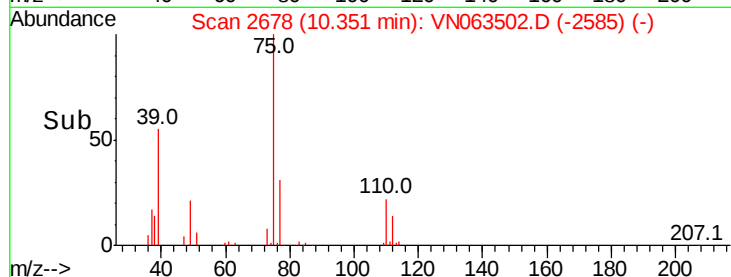
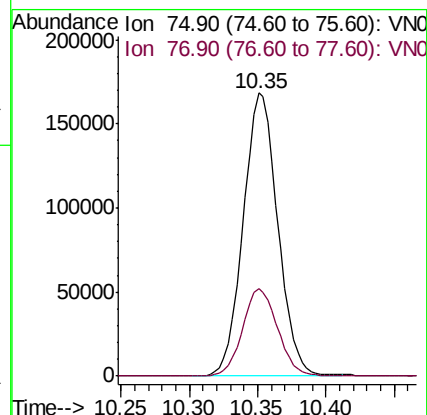
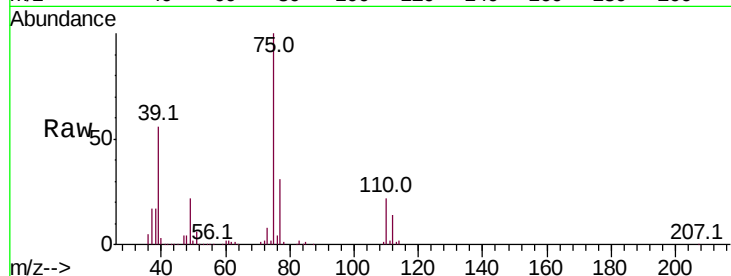
VSTDCCC050

Tot Ion: 75 Resp: 295893

Ion Ratio Lower Upper

75 100

77 30.9 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 47.354 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN063502.D

Acq: 21 Sep 2020 22:05

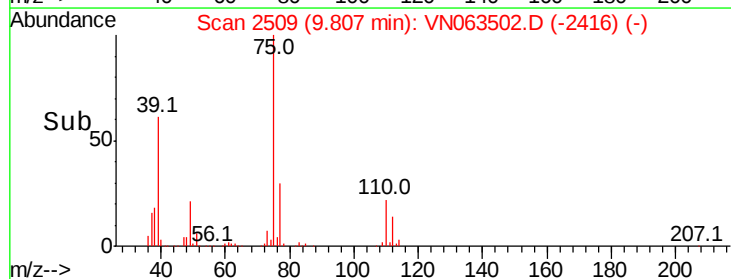
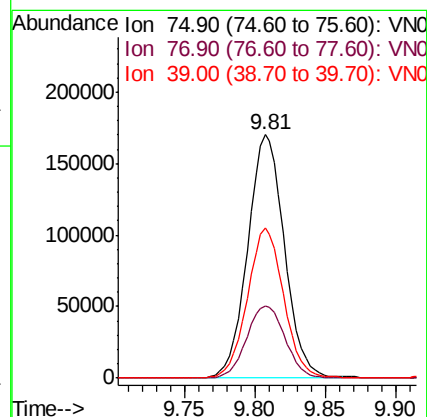
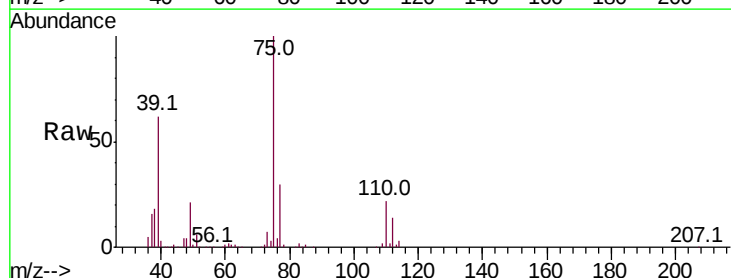
Tgt Ion: 75 Resp: 310306

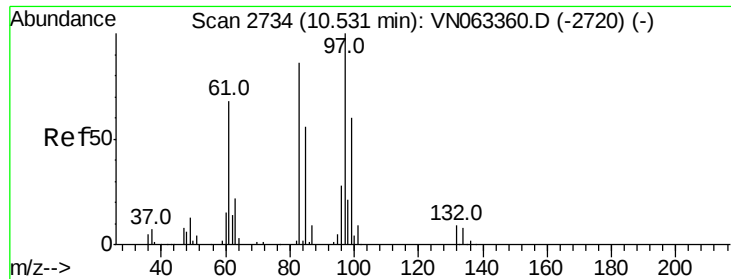
Ion Ratio Lower Upper

75 100

77 29.8 24.6 37.0

39 61.6 49.8 74.8

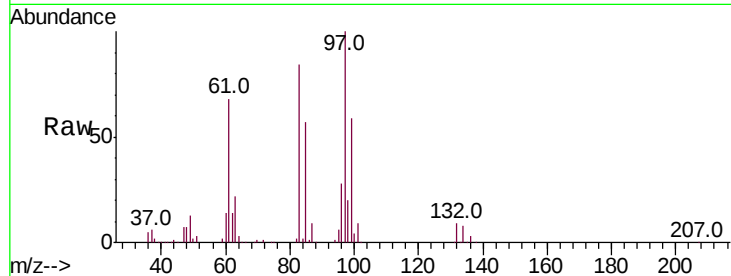




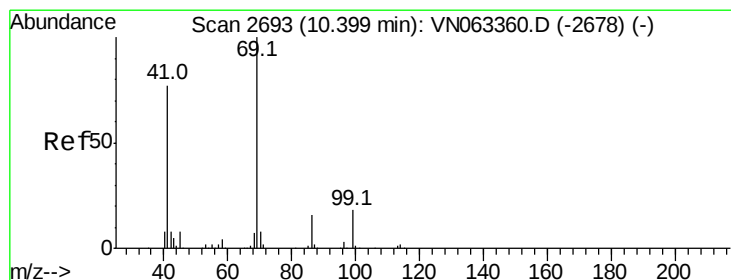
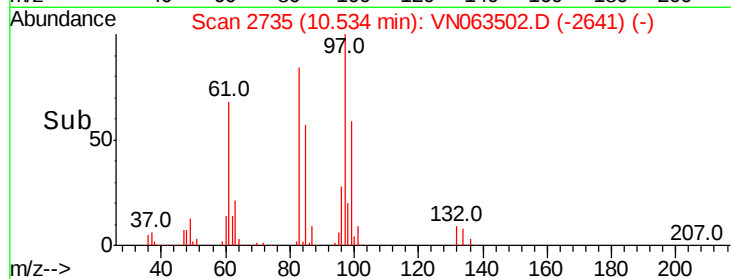
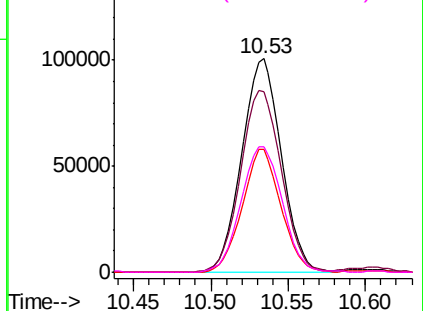
#55
 1,1,2-Trichloroethane
 Concen: 50.169 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN063502.D
 Acq: 21 Sep 2020 22:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	179279
Ion	Ratio	Lower	Upper
97	100		
83	84.4	68.9	103.3
85	57.4	44.8	67.2
99	58.9	47.8	71.8

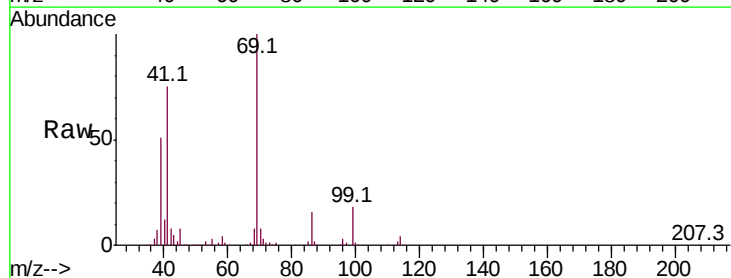


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

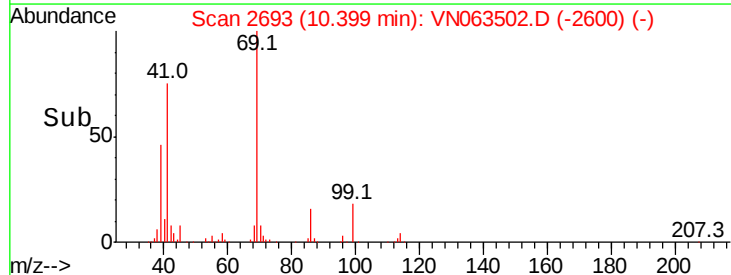
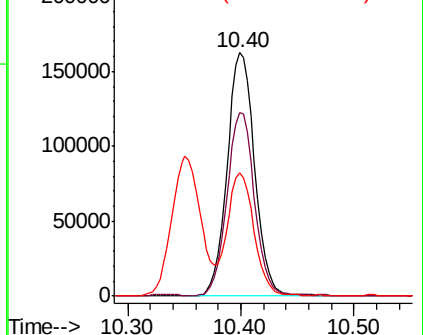


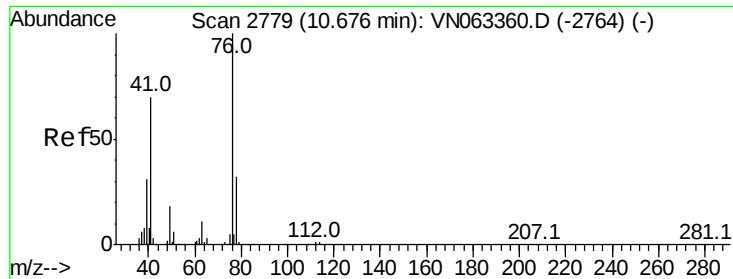
#56
 Ethyl methacrylate
 Concen: 49.354 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. -0.00 min
 Lab File: VN063502.D
 Acq: 21 Sep 2020 22:05

Tgt Ion:	69	Resp:	275329
Ion	Ratio	Lower	Upper
69	100		
41	74.6	61.0	91.6
39	49.3	39.2	58.8



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





#57

1,3-Dichloropropane

Concen: 47.531 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN063502.D

Acq: 21 Sep 2020 22:05

Instrument :

MSVOA_N

ClientSampleId :

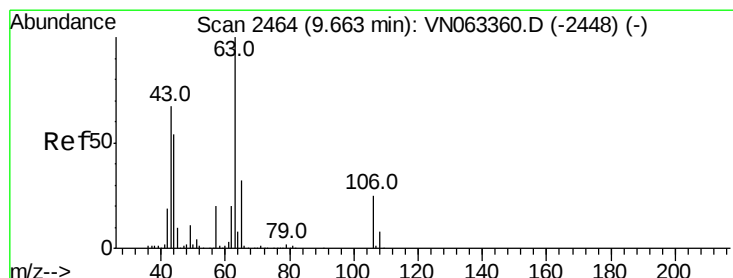
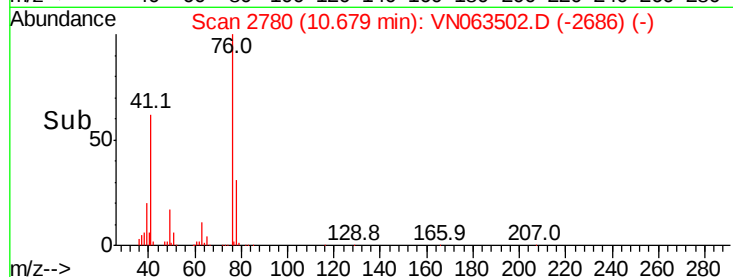
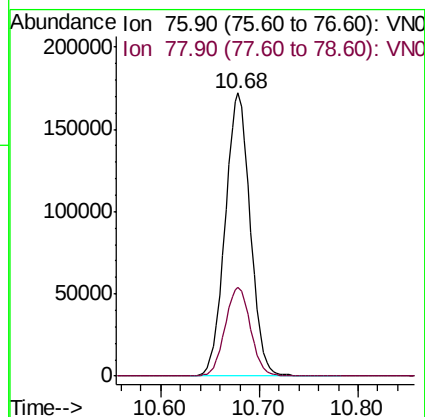
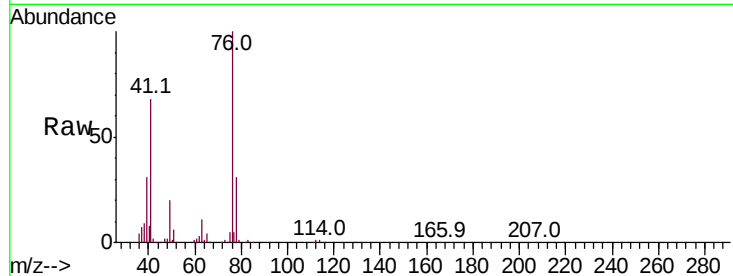
VSTDCCC050

Tot Ion: 76 Resp: 306304

Ion Ratio Lower Upper

76 100

78 32.0 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 244.846 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. -0.00 min

Lab File: VN063502.D

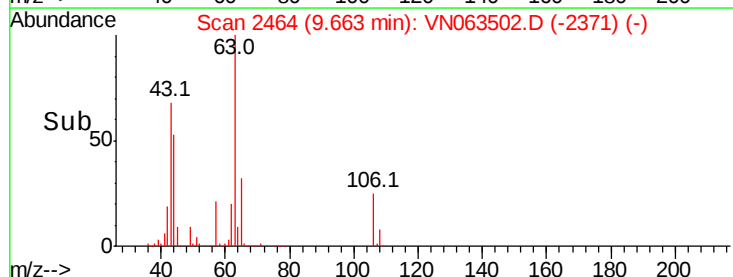
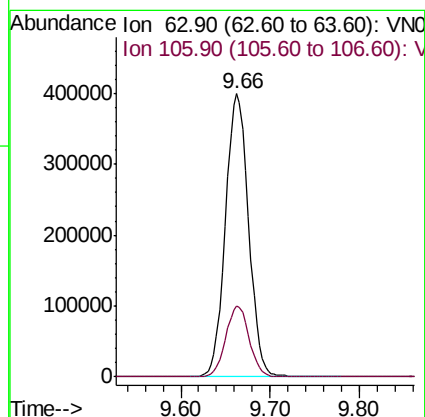
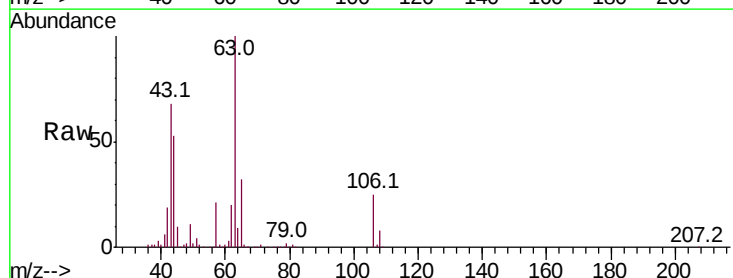
Acq: 21 Sep 2020 22:05

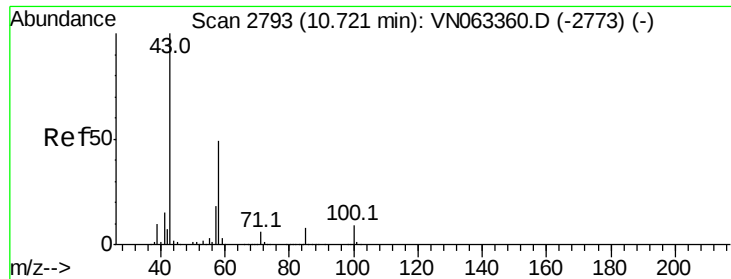
Tgt Ion: 63 Resp: 716534

Ion Ratio Lower Upper

63 100

106 25.2 19.5 29.3

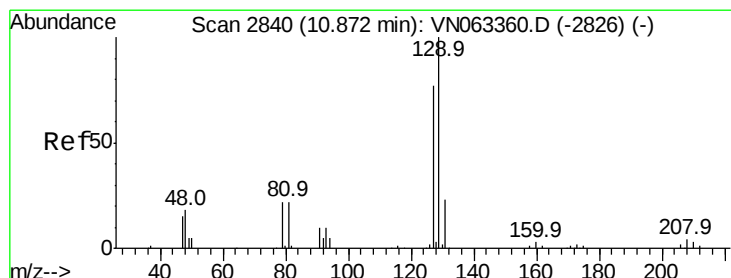
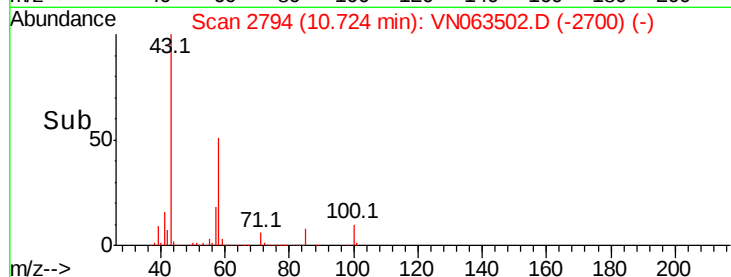
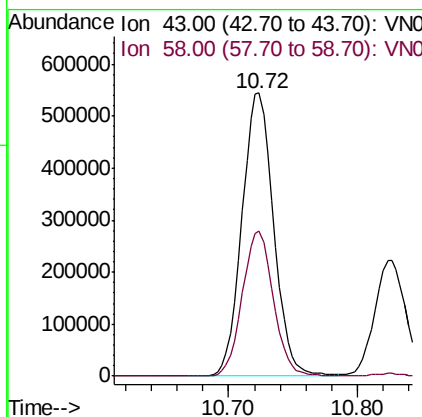
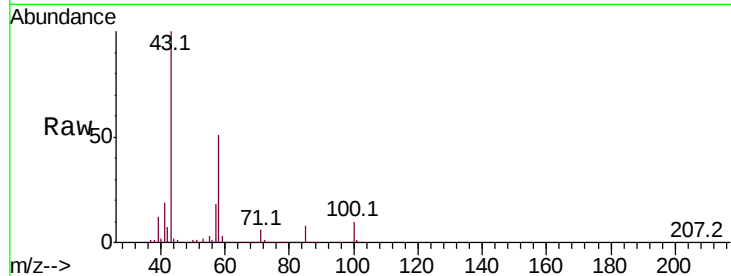




#59
2-Hexanone
Concen: 249.167 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN063502.D
Acq: 21 Sep 2020 22:05

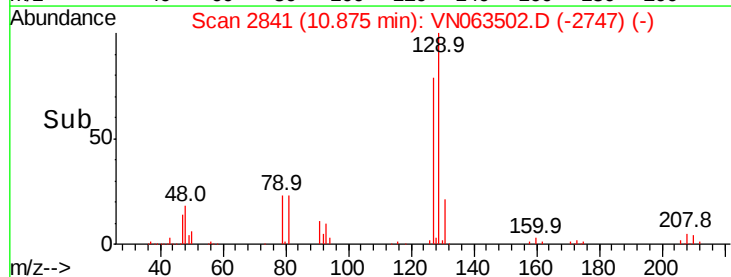
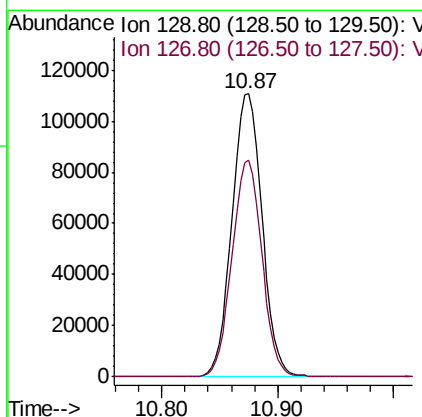
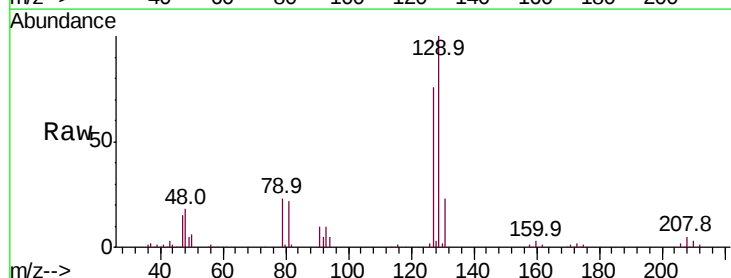
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

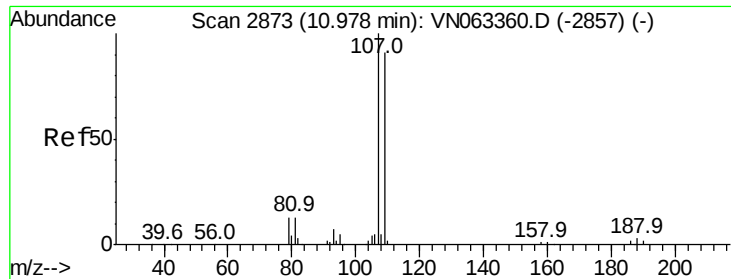
Tot Ion: 43 Resp: 929661
Ion Ratio Lower Upper
43 100
58 50.4 24.7 74.1



#60
Dibromochloromethane
Concen: 49.395 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN063502.D
Acq: 21 Sep 2020 22:05

Tgt Ion: 129 Resp: 199413
Ion Ratio Lower Upper
129 100
127 76.0 39.1 117.3

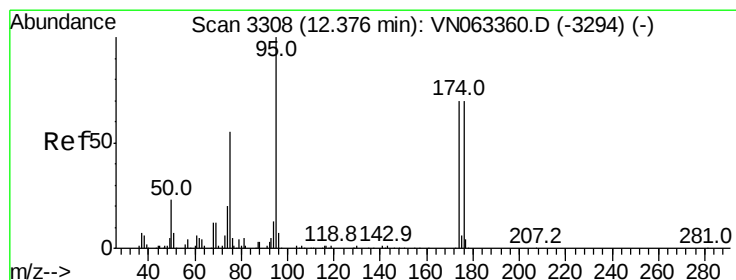
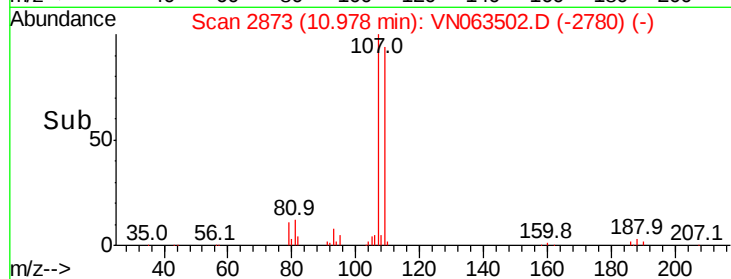
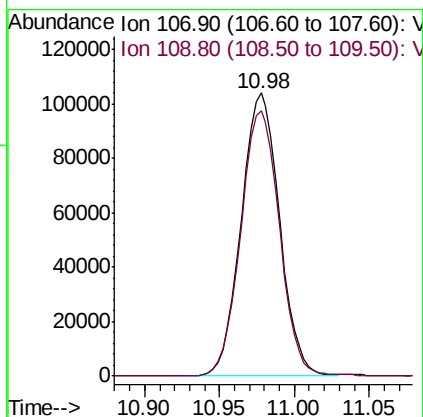
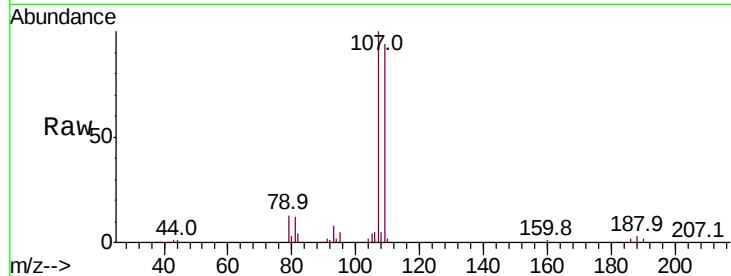




#61
 1,2-Dibromoethane
 Concen: 49.983 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. -0.00 min
 Lab File: VN063502.D
 Acq: 21 Sep 2020 22:05

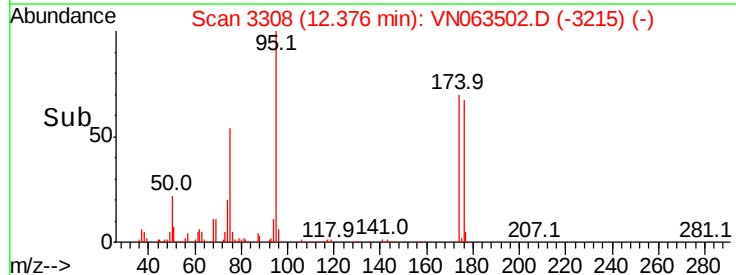
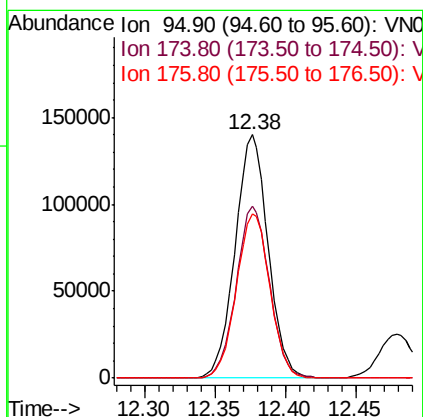
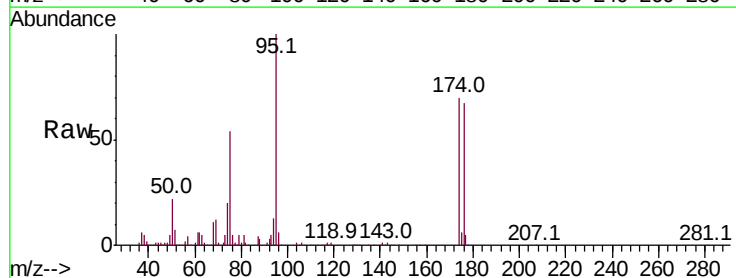
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

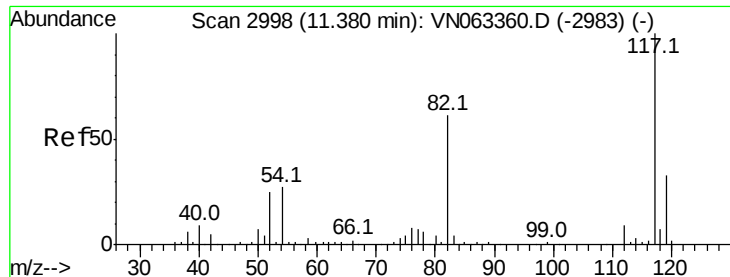
Tot Ion:107 Resp: 185569
 Ion Ratio Lower Upper
 107 100
 109 95.1 74.6 111.8



#62
 4-Bromofluorobenzene
 Concen: 48.935 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. -0.00 min
 Lab File: VN063502.D
 Acq: 21 Sep 2020 22:05

Tgt Ion: 95 Resp: 229758
 Ion Ratio Lower Upper
 95 100
 174 71.2 0.0 140.8
 176 68.7 0.0 137.6

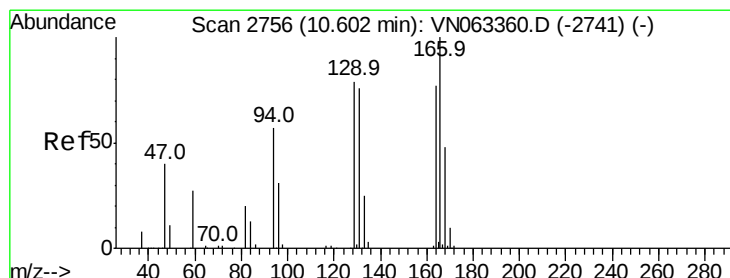
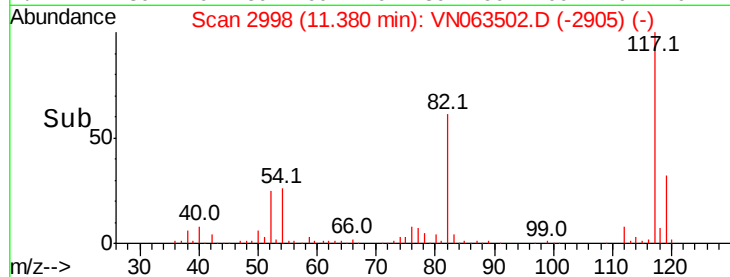
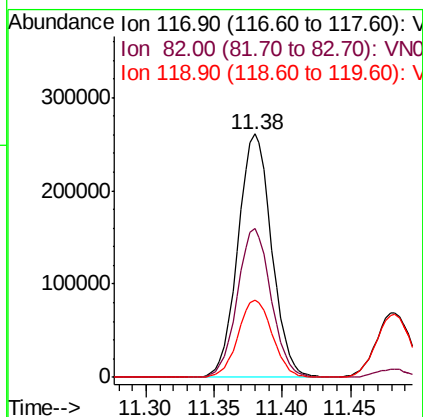
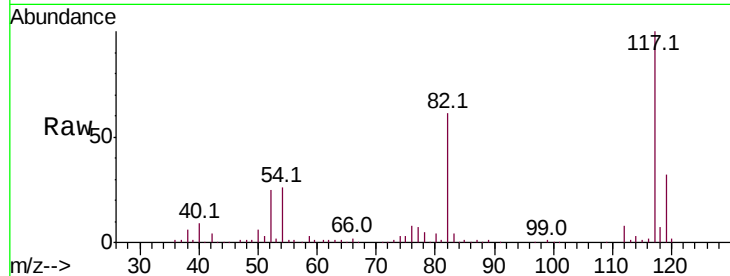




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063502.D
Acq: 21 Sep 2020 22:05

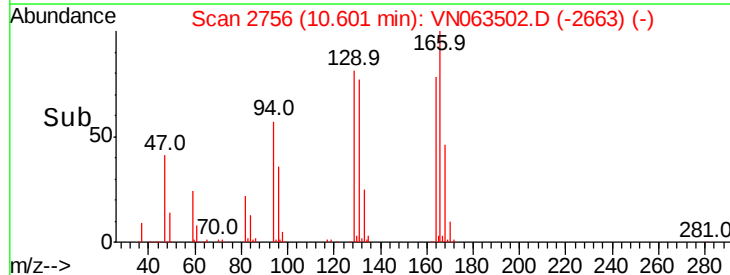
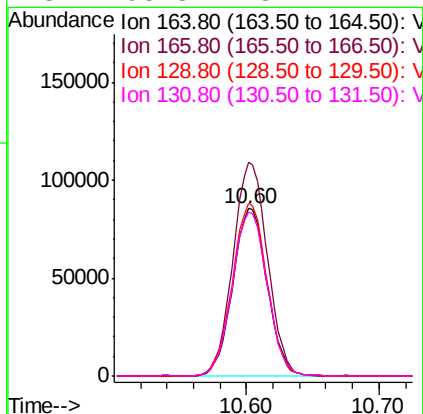
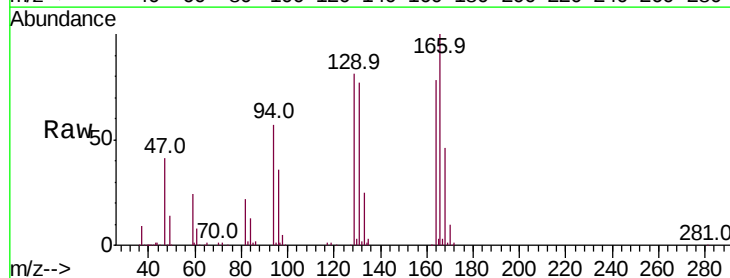
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

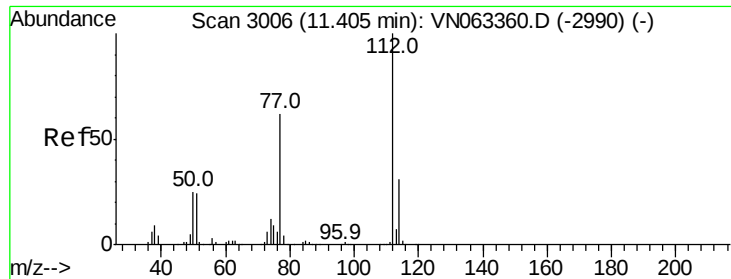
Tot Ion:117 Resp: 446941
Ion Ratio Lower Upper
117 100
82 60.9 49.2 73.8
119 31.8 26.2 39.4



#64
Tetrachloroethene
Concen: 50.467 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN063502.D
Acq: 21 Sep 2020 22:05

Tgt Ion:164 Resp: 153588
Ion Ratio Lower Upper
164 100
166 127.8 103.4 155.0
129 103.1 81.8 122.6
131 98.3 78.2 117.4





#65

Chlorobenzene

Concen: 48.557 ug/l

RT: 11.41 min Scan# 3006

Delta R.T. -0.00 min

Lab File: VN063502.D

Acq: 21 Sep 2020 22:05

Instrument :

MSVOA_N

ClientSampleId :

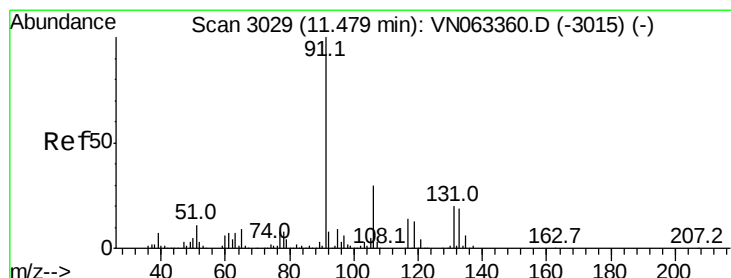
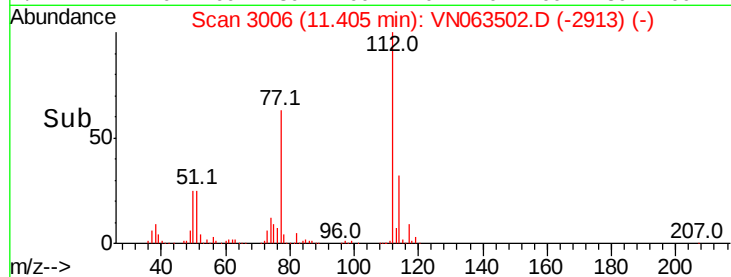
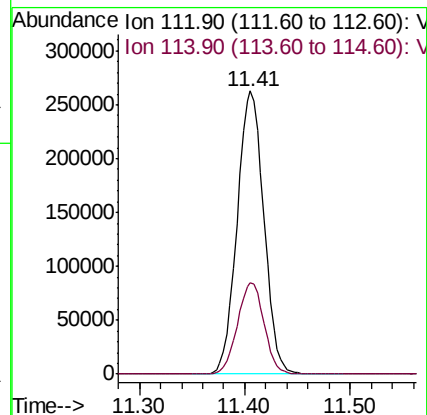
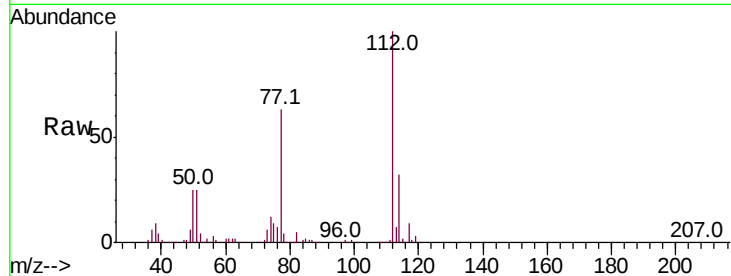
VSTDCCC050

Tot Ion:112 Resp: 460677

Ion Ratio Lower Upper

112 100

114 32.4 25.0 37.6



#66

1,1,1,2-Tetrachloroethane

Concen: 50.048 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. 0.00 min

Lab File: VN063502.D

Acq: 21 Sep 2020 22:05

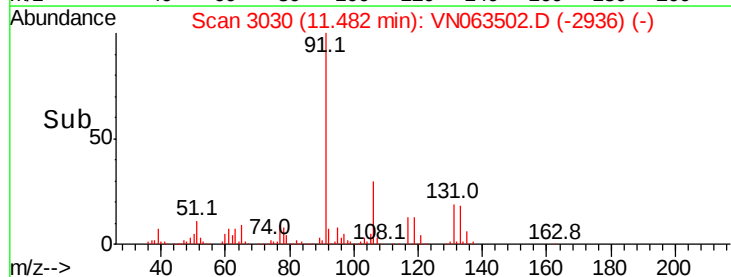
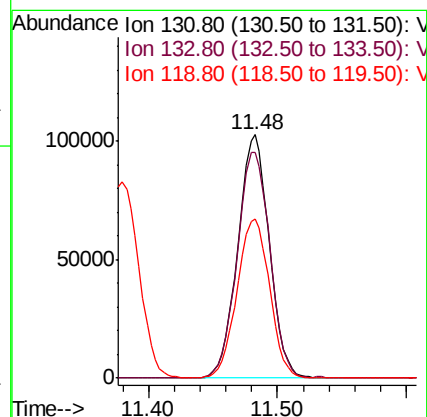
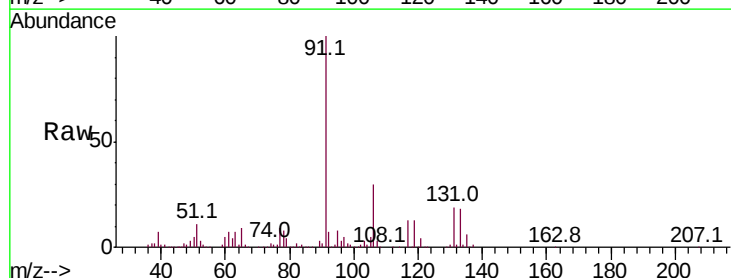
Tgt Ion:131 Resp: 174052

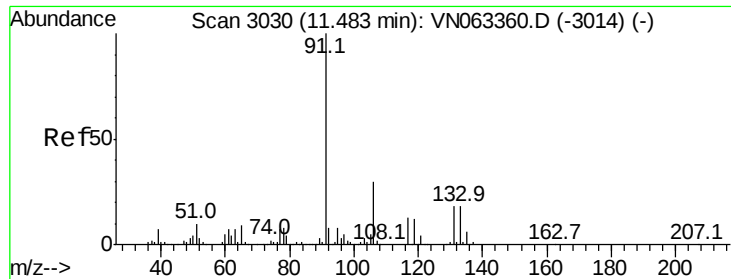
Ion Ratio Lower Upper

131 100

133 96.8 47.3 141.9

119 67.4 33.6 100.8

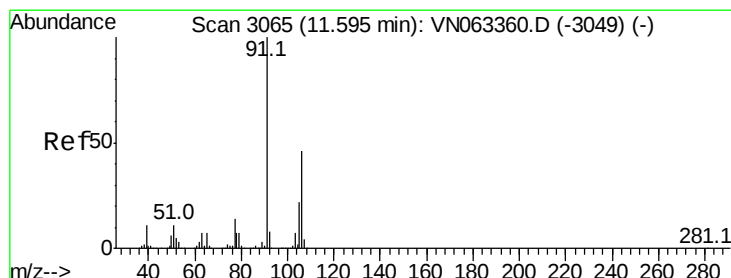
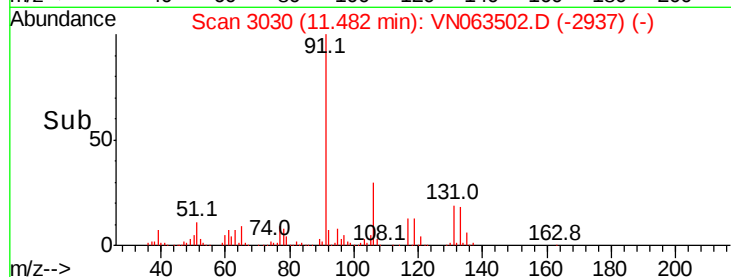
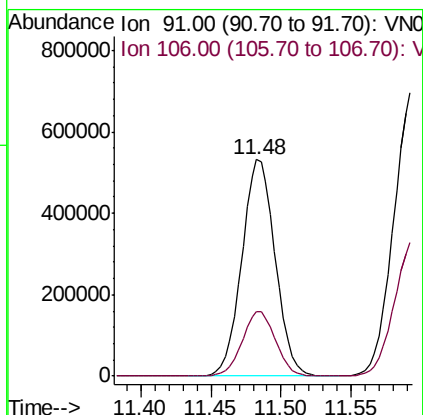
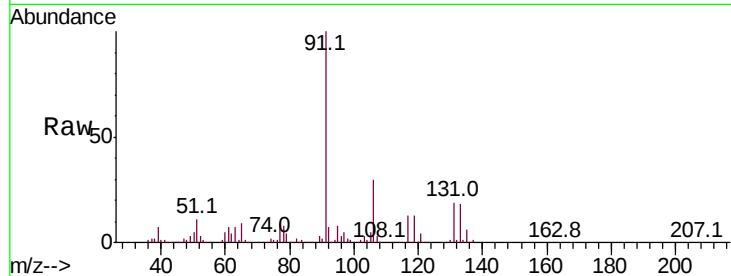




#67
Ethyl Benzene
Concen: 49.413 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN063502.D
Acq: 21 Sep 2020 22:05

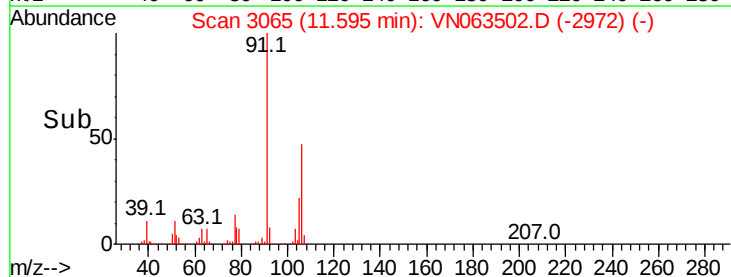
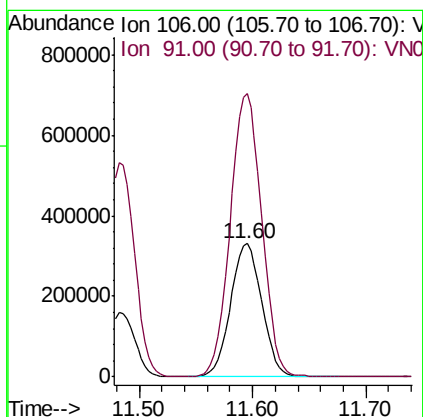
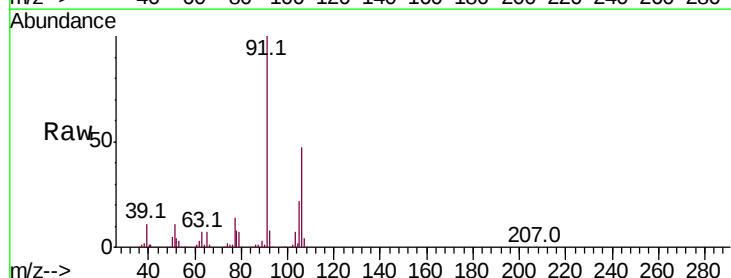
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

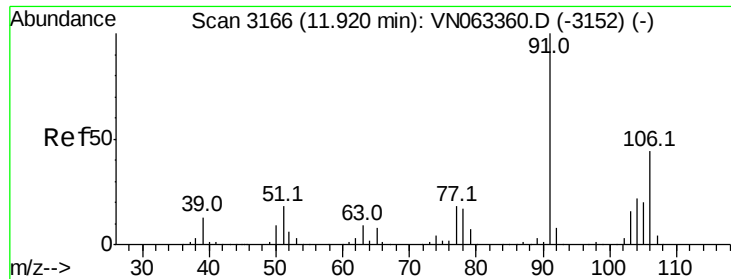
Tot Ion: 91 Resp: 882823
Ion Ratio Lower Upper
91 100
106 29.9 23.8 35.6



#68
m/p-Xylenes
Concen: 98.369 ug/l
RT: 11.60 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN063502.D
Acq: 21 Sep 2020 22:05

Tgt Ion: 106 Resp: 633668
Ion Ratio Lower Upper
106 100
91 214.7 171.2 256.8

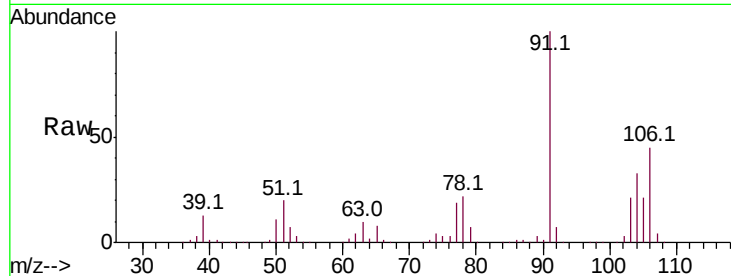




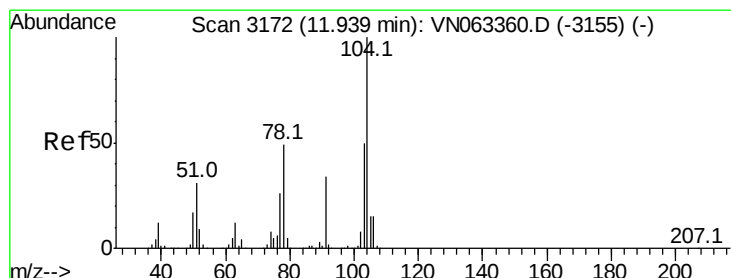
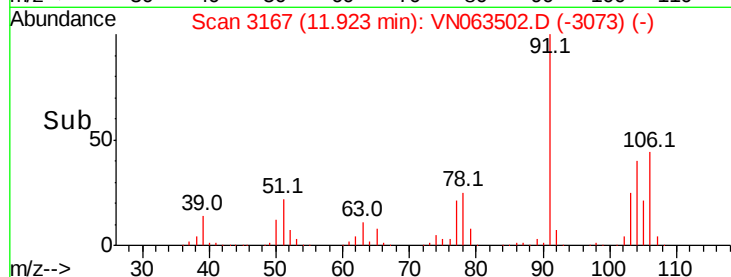
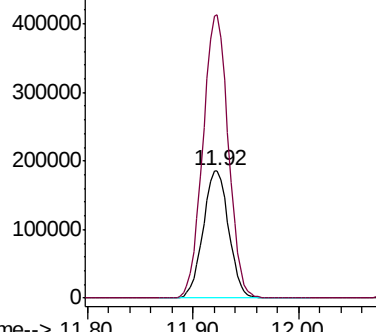
#69
o-Xylene
Concen: 50.889 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063502.D
Acq: 21 Sep 2020 22:05

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion:106 Resp: 312276
Ion Ratio Lower Upper
106 100
91 221.3 113.6 340.8

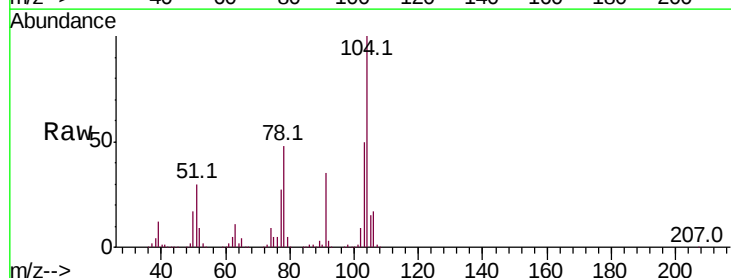


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

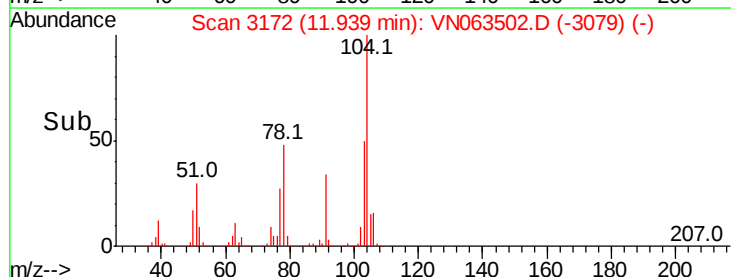
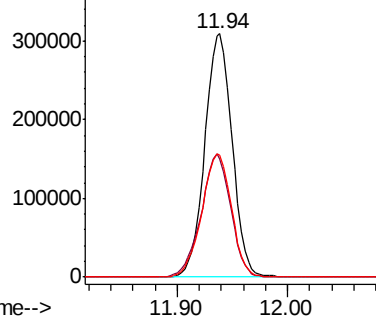


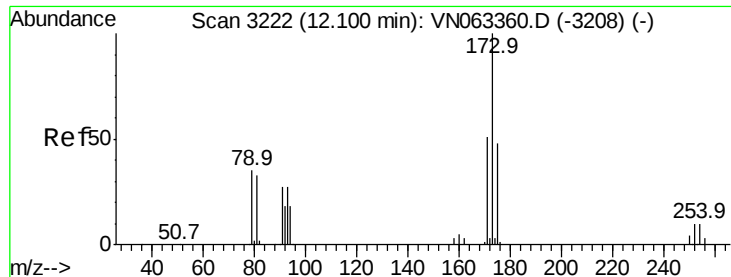
#70
Styrene
Concen: 51.718 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. -0.00 min
Lab File: VN063502.D
Acq: 21 Sep 2020 22:05

Tgt Ion:104 Resp: 532215
Ion Ratio Lower Upper
104 100
78 54.7 44.4 66.6
103 54.9 43.7 65.5



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 50.976 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. -0.00 min

Lab File: VN063502.D

Acq: 21 Sep 2020 22:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

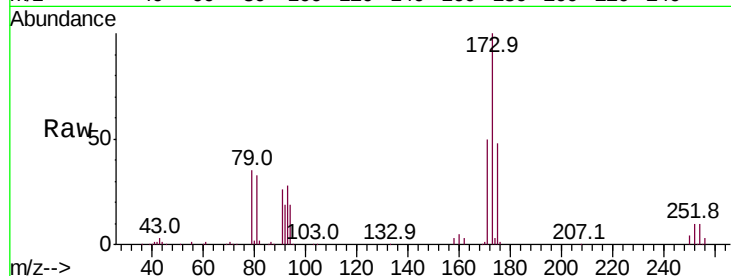
Tot Ion:173 Resp: 132069

Ion Ratio Lower Upper

173 100

175 47.9 24.0 72.0

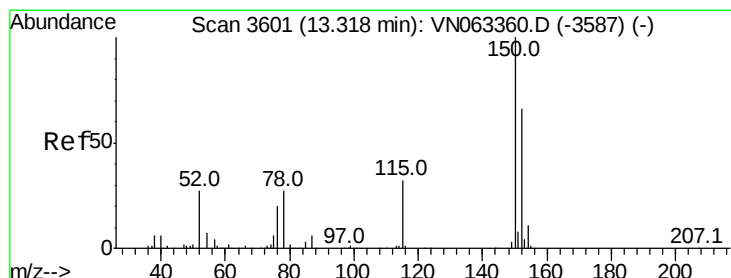
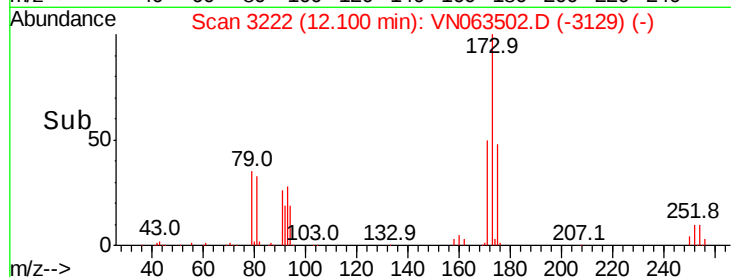
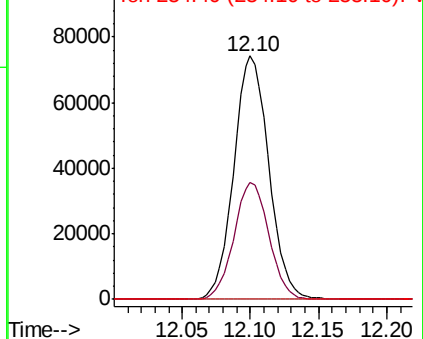
254 0.1 0.0 0.0#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. -0.00 min

Lab File: VN063502.D

Acq: 21 Sep 2020 22:05

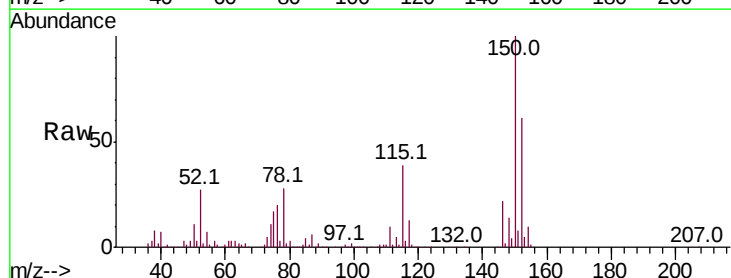
Tgt Ion:152 Resp: 213363

Ion Ratio Lower Upper

152 100

115 64.6 32.2 96.6

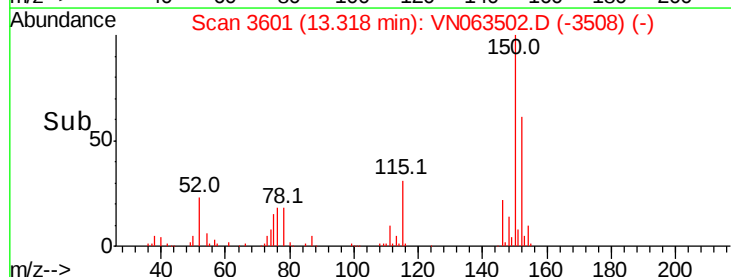
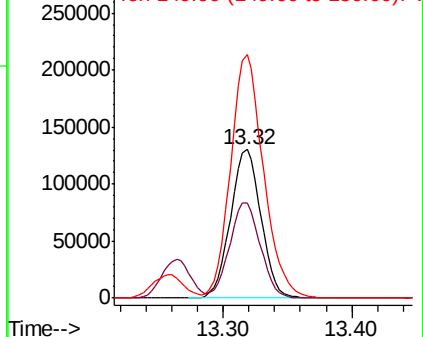
150 176.6 0.0 343.4

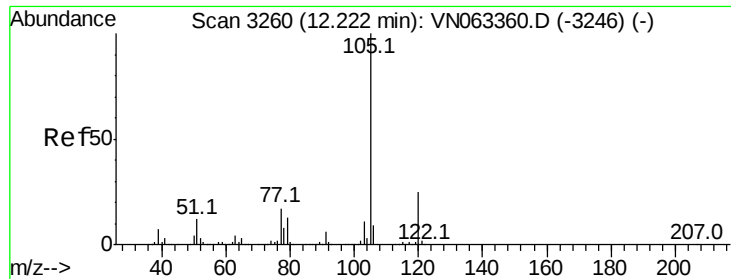


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.474 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN063502.D

Acq: 21 Sep 2020 22:05

Instrument :

MSVOA_N

ClientSampleId :

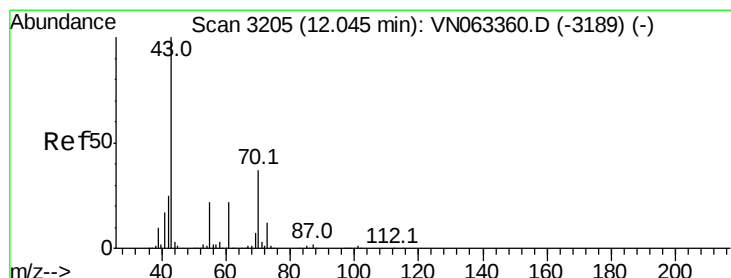
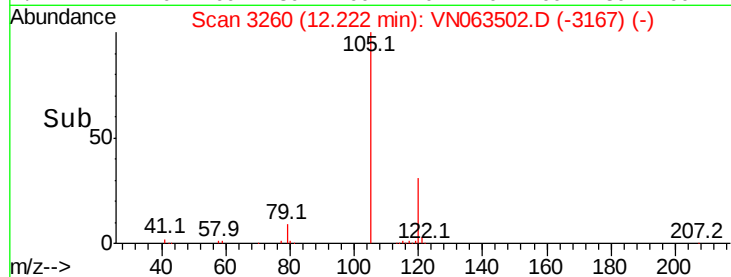
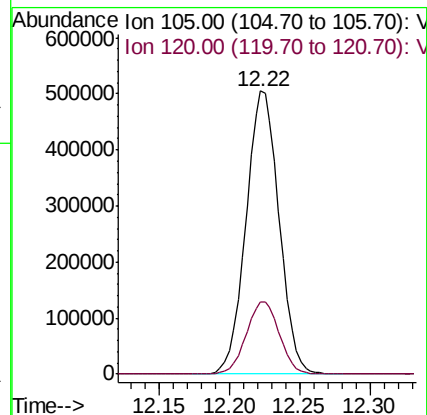
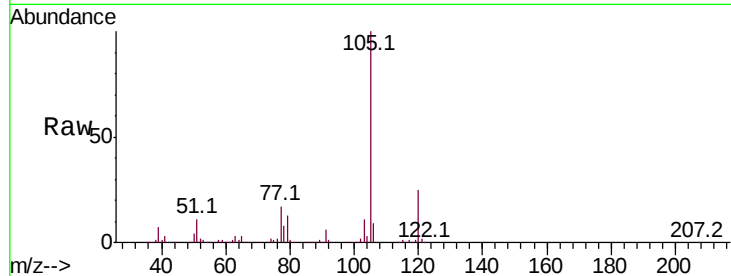
VSTDCCC050

Tot Ion:105 Resp: 828798

Ion Ratio Lower Upper

105 100

120 25.5 12.7 38.0



#74

N-ethyl acetate

Concen: 48.130 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. -0.00 min

Lab File: VN063502.D

Acq: 21 Sep 2020 22:05

Tgt Ion: 43 Resp: 389546

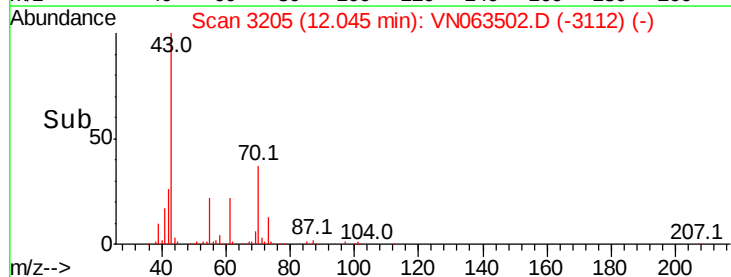
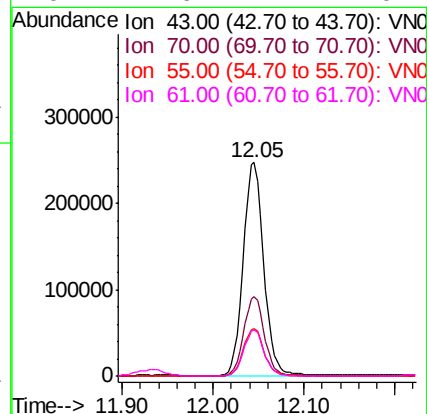
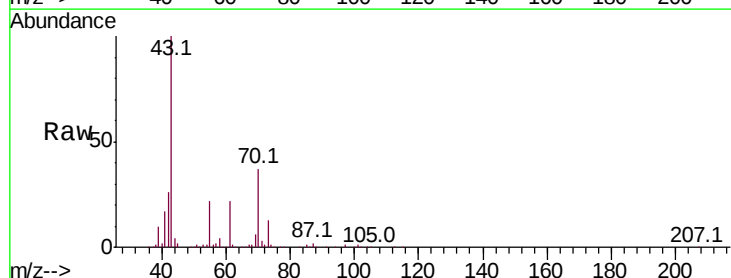
Ion Ratio Lower Upper

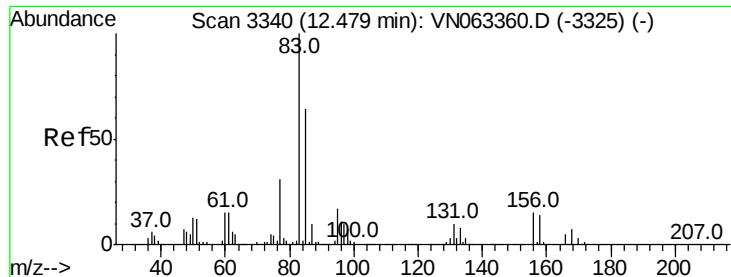
43 100

70 37.1 29.6 44.4

55 22.6 17.7 26.5

61 21.6 17.4 26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 48.405 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. -0.00 min

Lab File: VN063502.D

Acq: 21 Sep 2020 22:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

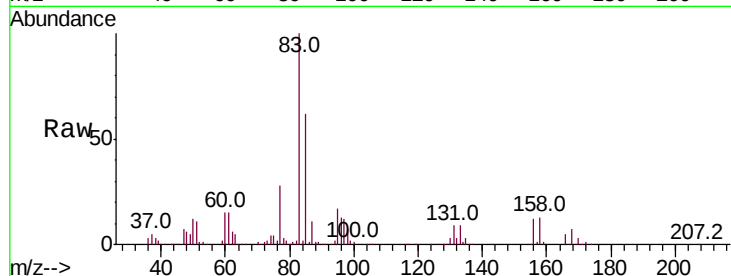
Tot Ion: 83 Resp: 256253

Ion Ratio Lower Upper

83 100

131 9.7 4.9 14.7

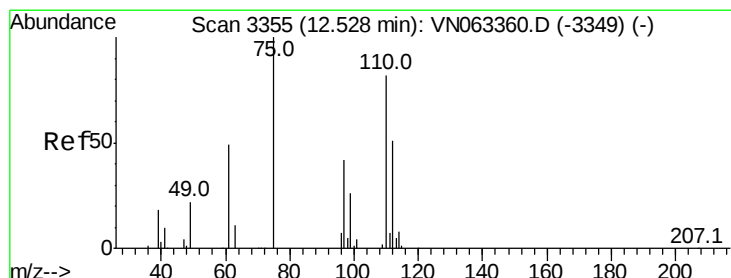
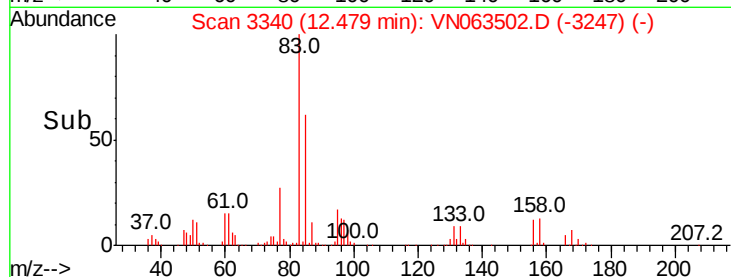
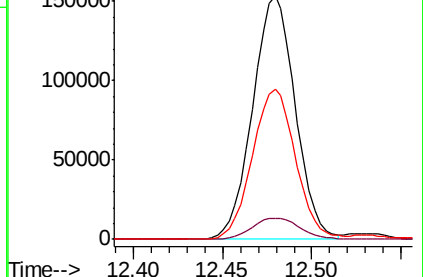
85 62.7 32.0 96.0



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

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

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



#76

1,2,3-Trichloropropane

Concen: 67.470 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. -0.00 min

Lab File: VN063502.D

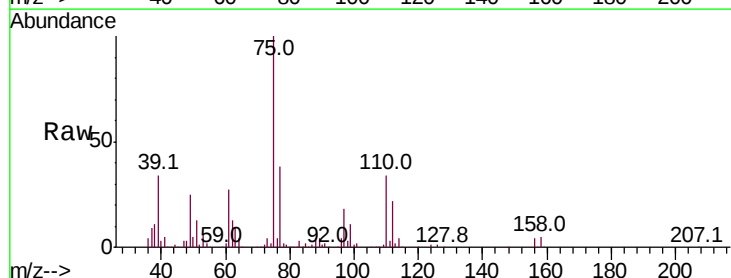
Acq: 21 Sep 2020 22:05

Tgt Ion: 75 Resp: 356311

Ion Ratio Lower Upper

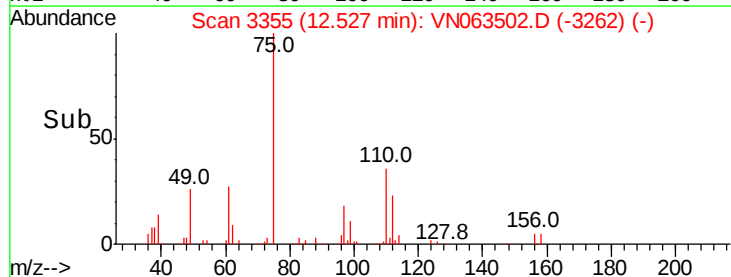
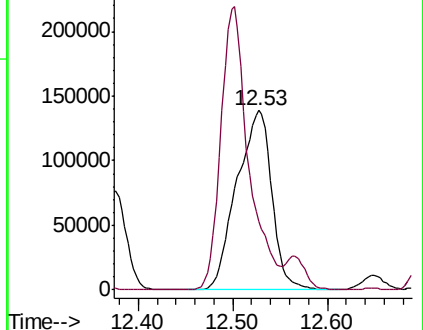
75 100

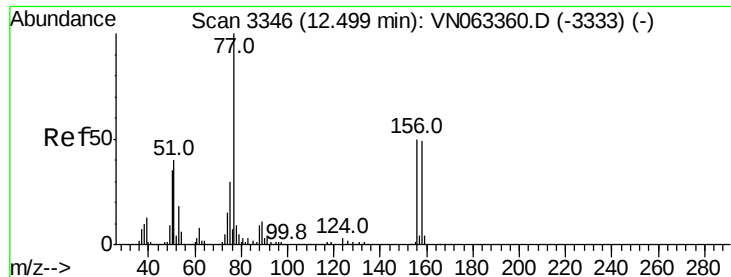
77 0.0 0.0 0.0



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: 50.279 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN063502.D

Acq: 21 Sep 2020 22:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

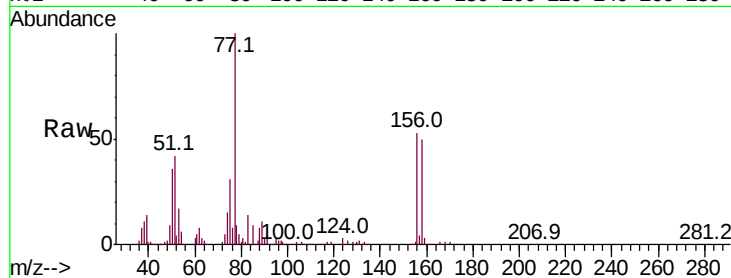
Tot Ion:156 Resp: 193375

Ion Ratio Lower Upper

156 100

77 231.7 120.2 360.6

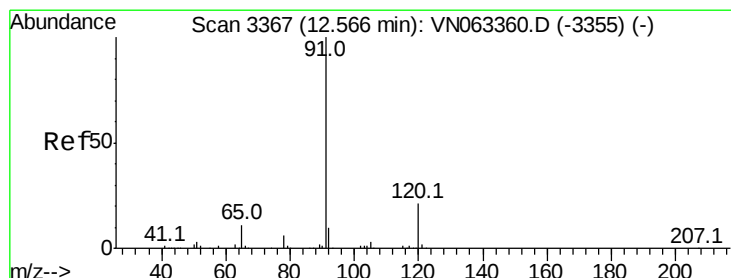
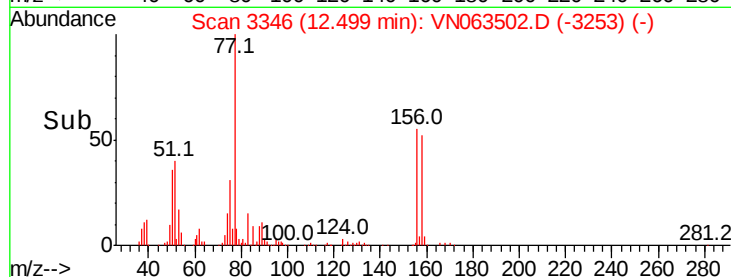
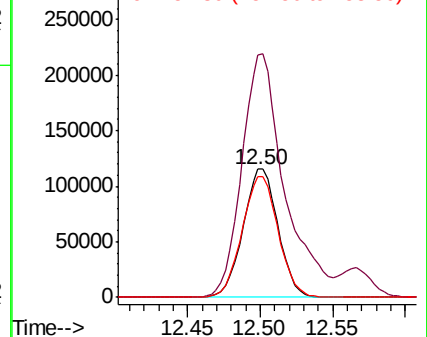
158 97.1 48.9 146.6



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: 47.731 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063502.D

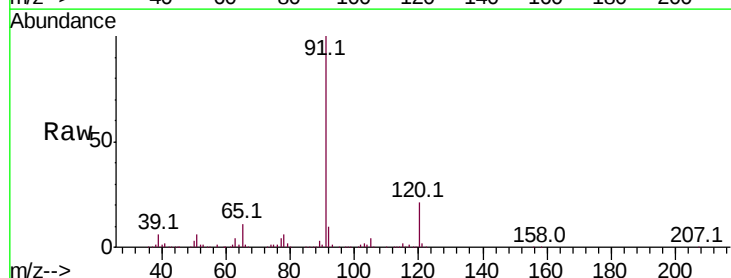
Acq: 21 Sep 2020 22:05

Tgt Ion: 91 Resp: 950525

Ion Ratio Lower Upper

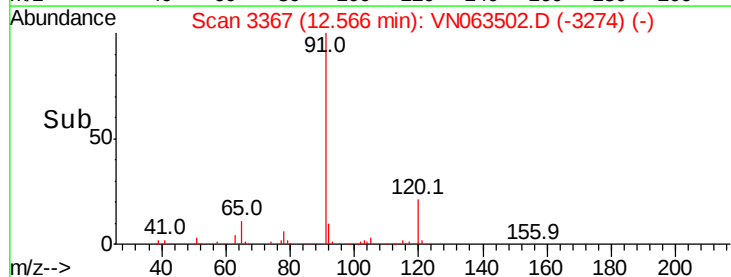
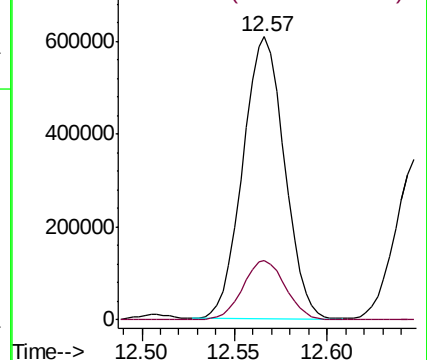
91 100

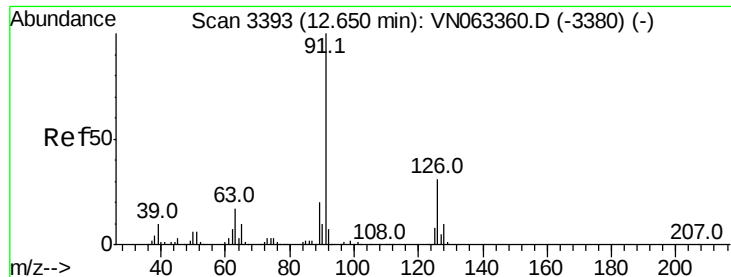
120 21.6 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

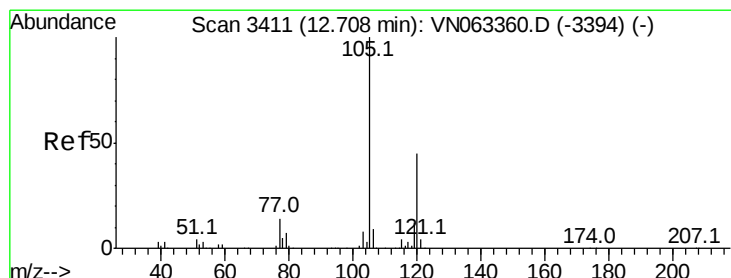
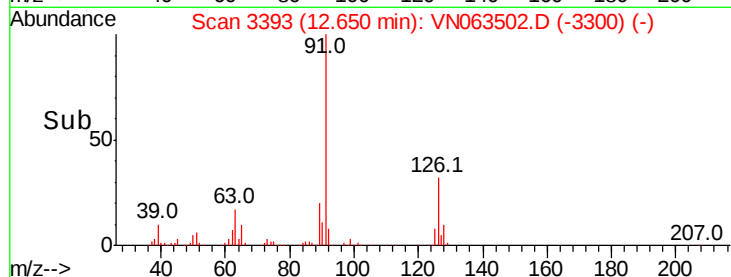
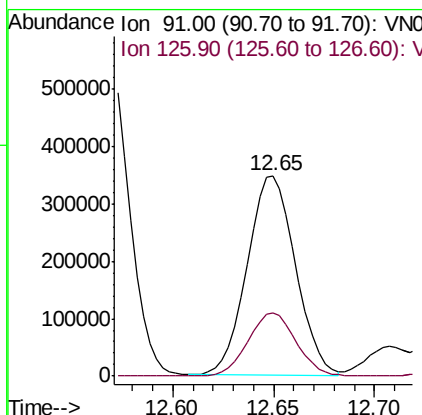
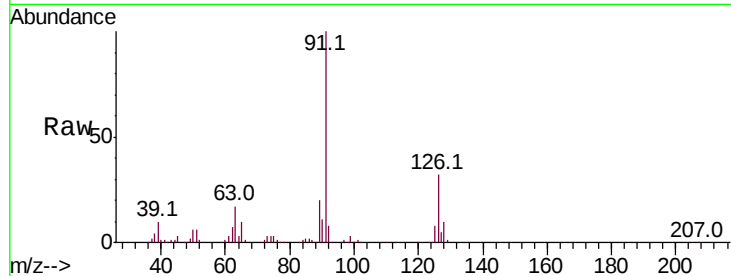




#79
 2-Chlorotoluene
 Concen: 48.608 ug/l
 RT: 12.65 min Scan# 3393
 Delta R.T. -0.00 min
 Lab File: VN063502.D
 Acq: 21 Sep 2020 22:05

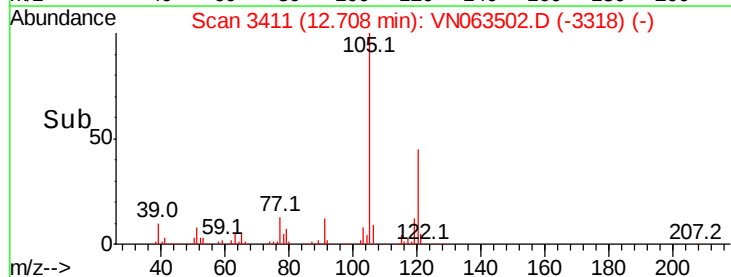
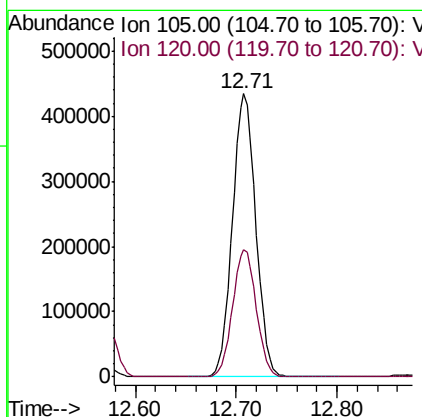
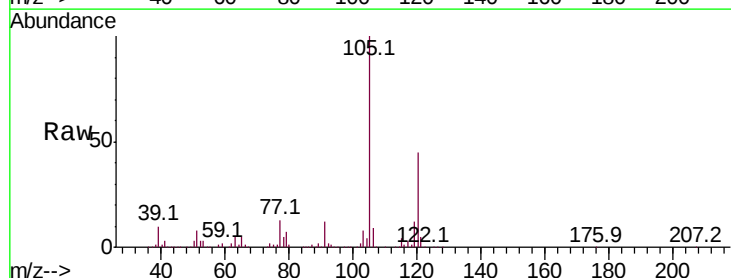
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

Tot Ion: 91 Resp: 580261
 Ion Ratio Lower Upper
 91 100
 126 31.6 15.8 47.3



#80
 1,3,5-Trimethylbenzene
 Concen: 49.034 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. -0.00 min
 Lab File: VN063502.D
 Acq: 21 Sep 2020 22:05

Tgt Ion:105 Resp: 699087
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.9 68.8





#81

trans-1,4-Dichloro-2-butene

Concen: 46.540 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. -0.00 min

Lab File: VN063502.D

Acq: 21 Sep 2020 22:05

Instrument :

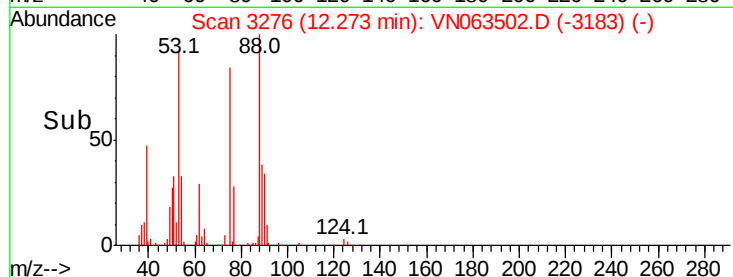
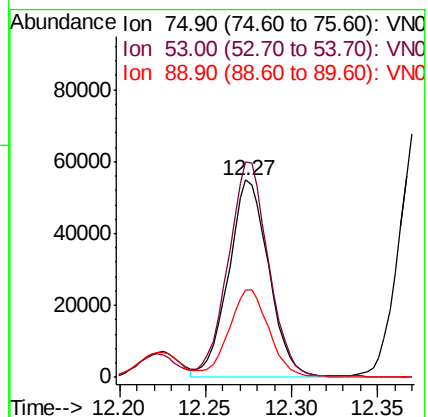
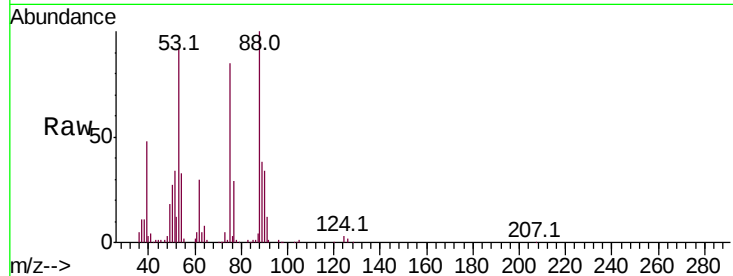
MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 89647

Ion	Ratio	Lower	Upper
75	100		
53	108.6	85.7	128.5
89	44.6	38.0	57.0



#82

4-Chlorotoluene

Concen: 49.684 ug/l

RT: 12.75 min Scan# 3423

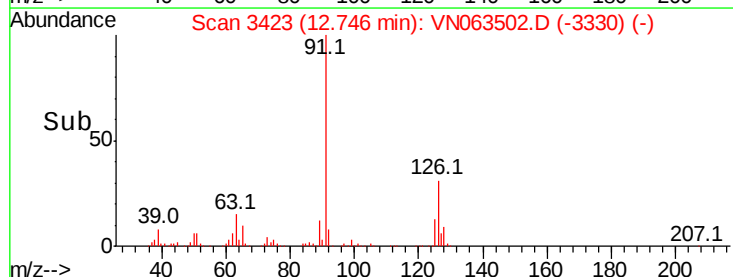
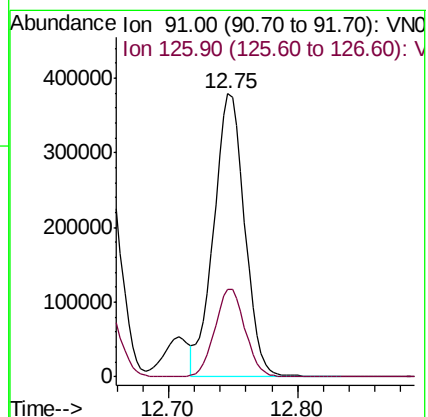
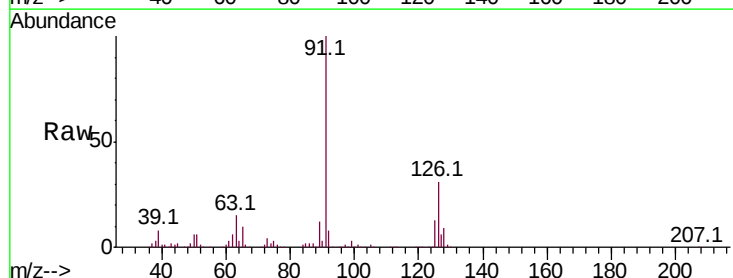
Delta R.T. -0.00 min

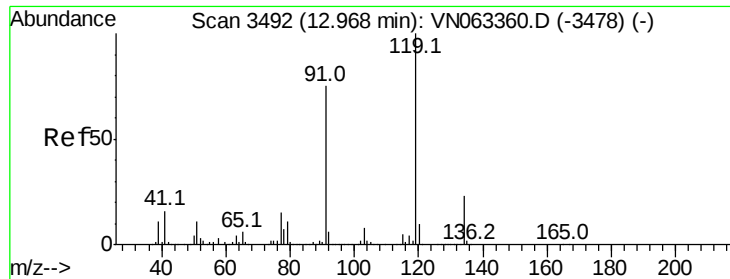
Lab File: VN063502.D

Acq: 21 Sep 2020 22:05

Tgt Ion: 91 Resp: 626662

Ion	Ratio	Lower	Upper
91	100		
126	30.3	15.5	46.5





#83

tert-Butylbenzene

Concen: 47.660 ug/l

RT: 12.97 min Scan# 3492

Delta R.T. -0.00 min

Lab File: VN063502.D

Acq: 21 Sep 2020 22:05

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

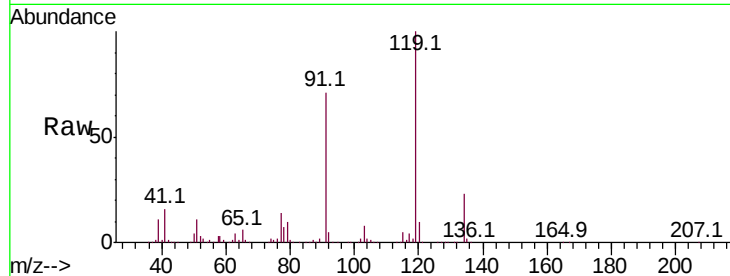
Tot Ion:119 Resp: 560822

Ion Ratio Lower Upper

119 100

91 71.8 36.3 108.9

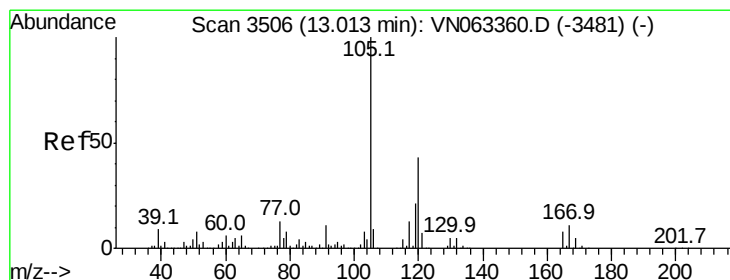
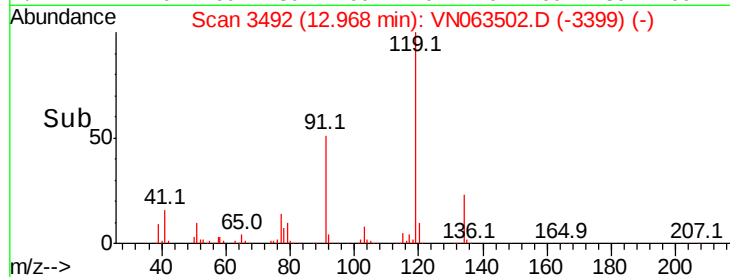
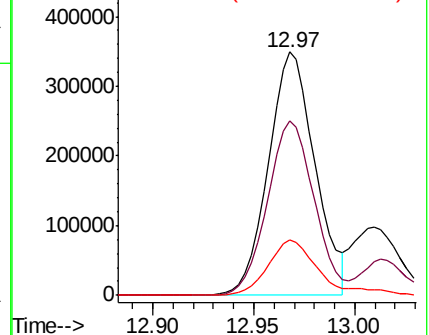
134 24.8 12.3 36.8



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: 49.129 ug/l

RT: 13.01 min Scan# 3506

Delta R.T. -0.00 min

Lab File: VN063502.D

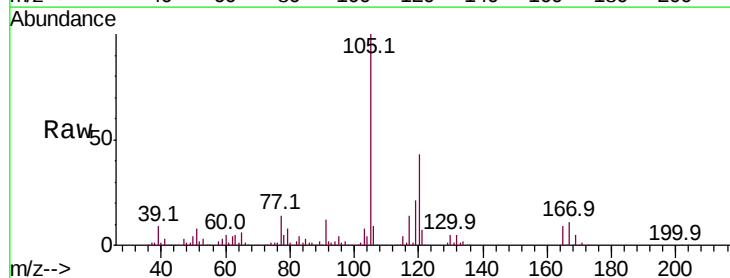
Acq: 21 Sep 2020 22:05

Tgt Ion:105 Resp: 707503

Ion Ratio Lower Upper

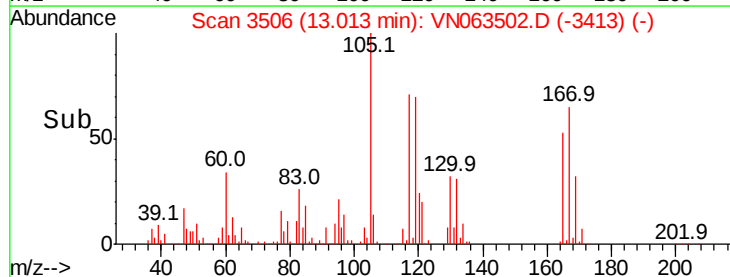
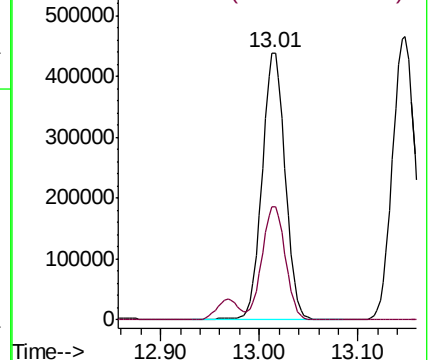
105 100

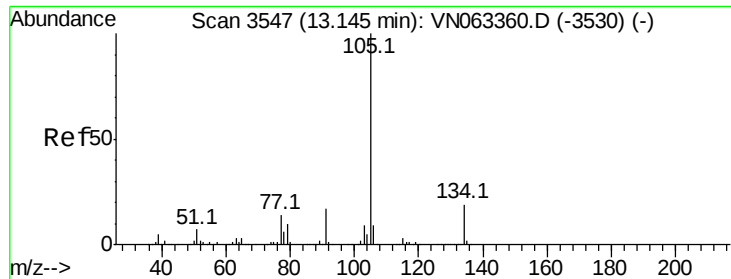
120 42.9 21.3 63.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

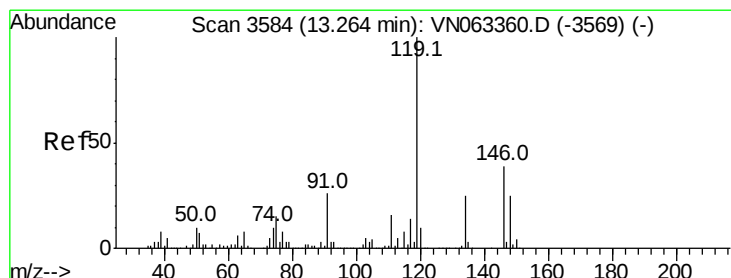
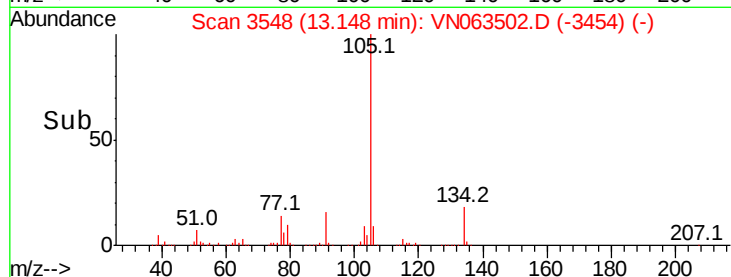
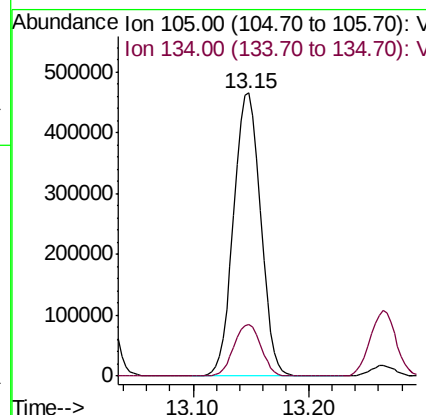
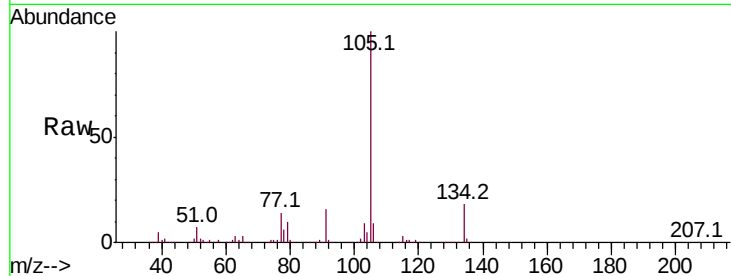




#85
 sec-Butylbenzene
 Concen: 47.687 ug/l
 RT: 13.15 min Scan# 3548
 Delta R.T. 0.00 min
 Lab File: VN063502.D
 Acq: 21 Sep 2020 22:05

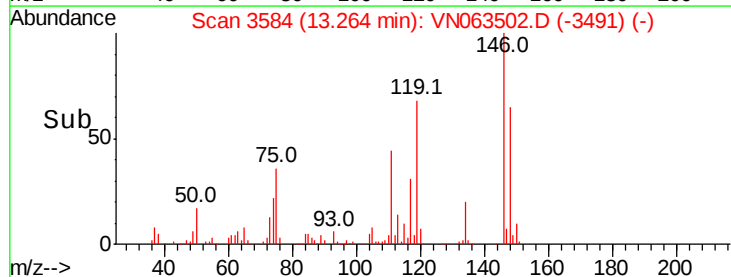
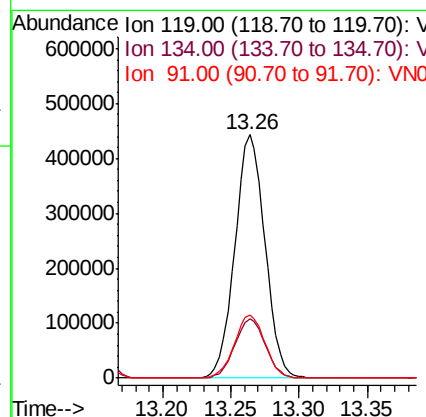
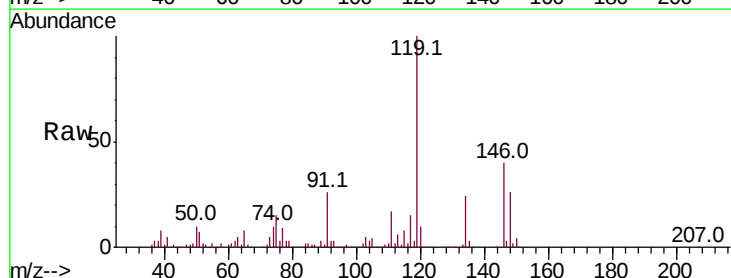
Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050

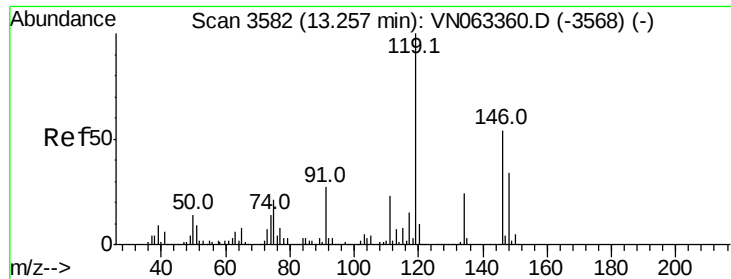
Tot Ion:105 Resp: 751126
 Ion Ratio Lower Upper
 105 100
 134 18.4 9.3 27.7



#86
 p-Isopropyltoluene
 Concen: 48.655 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. -0.00 min
 Lab File: VN063502.D
 Acq: 21 Sep 2020 22:05

Tgt Ion:119 Resp: 675942
 Ion Ratio Lower Upper
 119 100
 134 24.9 12.5 37.5
 91 26.2 13.4 40.1





#87

1,3-Dichlorobenzene

Concen: 49.064 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. -0.00 min

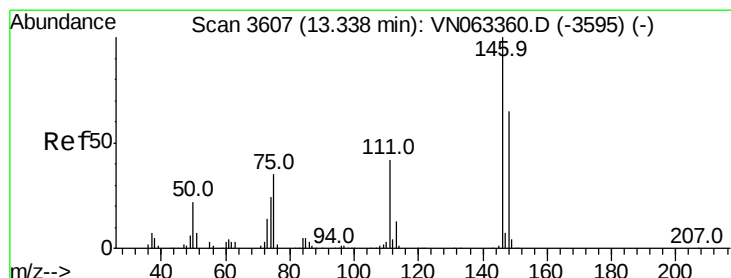
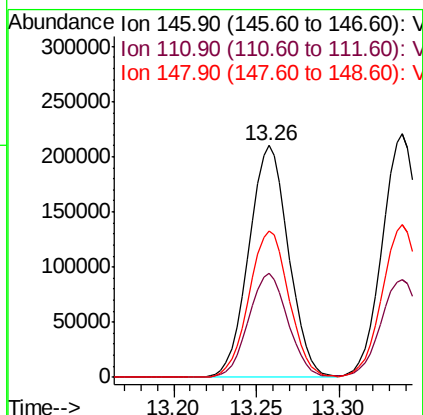
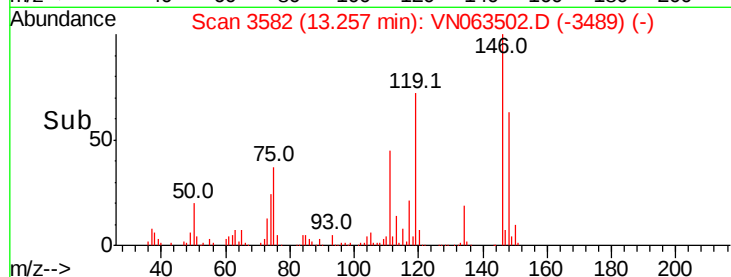
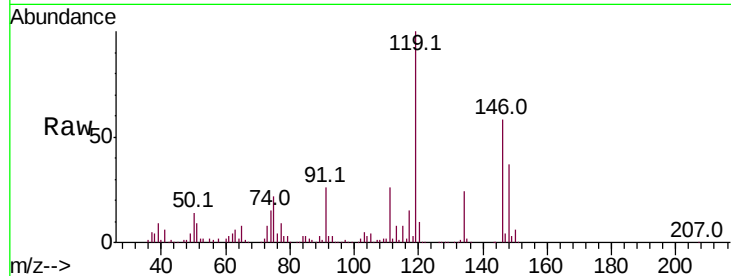
Lab File: VN063502.D

Acq: 21 Sep 2020 22:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:146 Resp: 349753

Ion	Ratio	Lower	Upper
146	100		
111	44.4	21.4	64.3
148	63.7	31.9	95.7



#88

1,4-Dichlorobenzene

Concen: 49.321 ug/l

RT: 13.34 min Scan# 3607

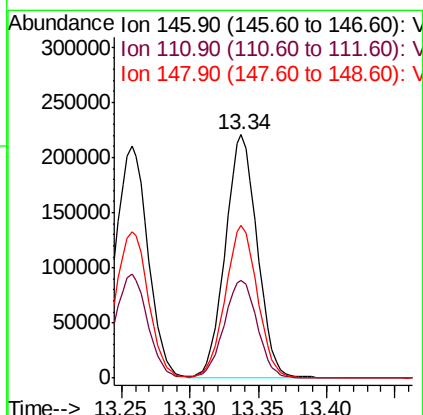
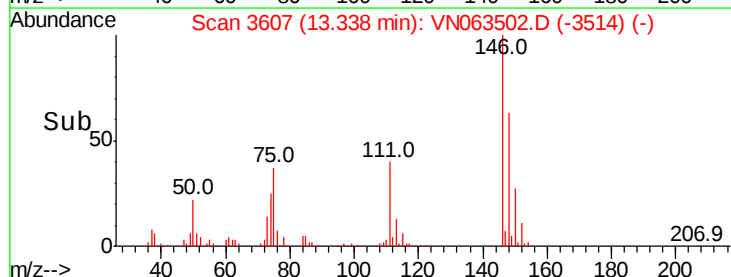
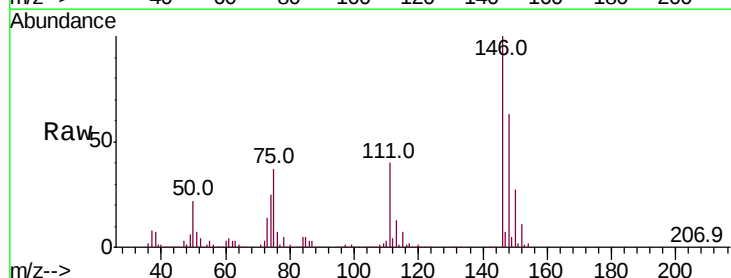
Delta R.T. -0.00 min

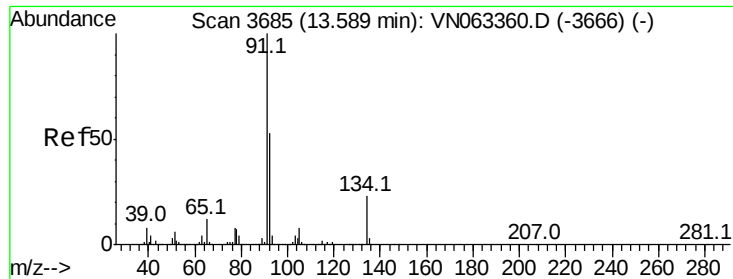
Lab File: VN063502.D

Acq: 21 Sep 2020 22:05

Tgt Ion:146 Resp: 357453

Ion	Ratio	Lower	Upper
146	100		
111	41.6	21.2	63.6
148	63.2	31.9	95.9

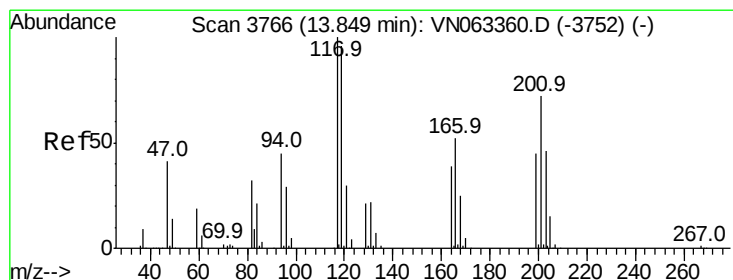
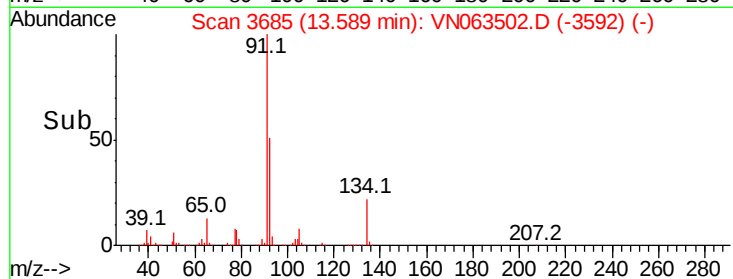
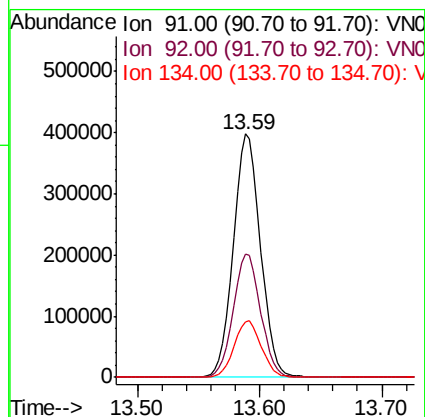
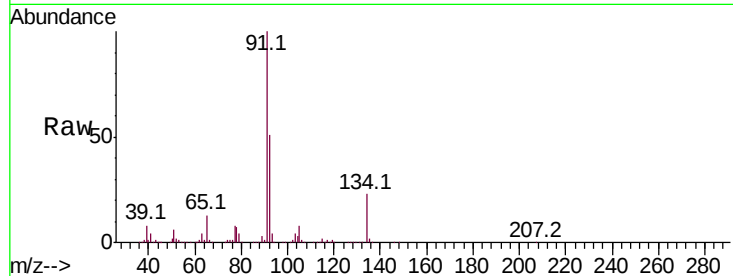




#89
n-Butylbenzene
Concen: 48.147 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN063502.D
Acq: 21 Sep 2020 22:05

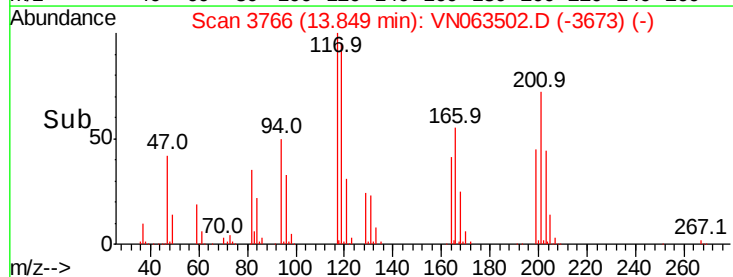
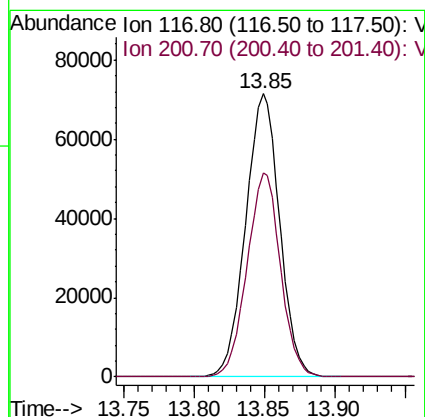
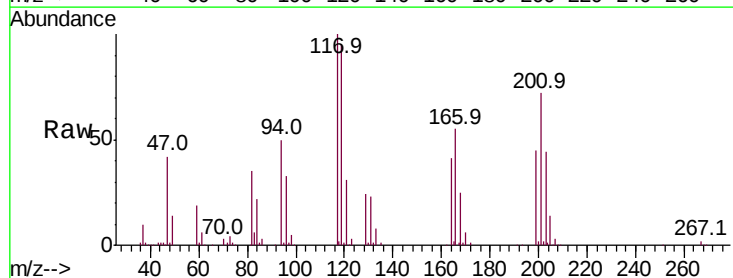
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

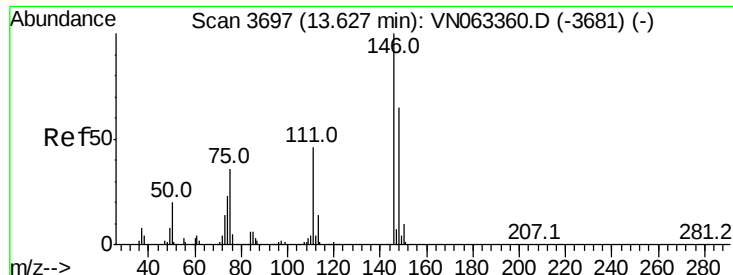
Tot Ion: 91 Resp: 616543
Ion Ratio Lower Upper
91 100
92 50.9 26.0 78.0
134 23.3 11.7 35.0



#90
Hexachloroethane
Concen: 45.682 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. -0.00 min
Lab File: VN063502.D
Acq: 21 Sep 2020 22:05

Tgt Ion: 117 Resp: 120846
Ion Ratio Lower Upper
117 100
201 70.7 35.5 106.7

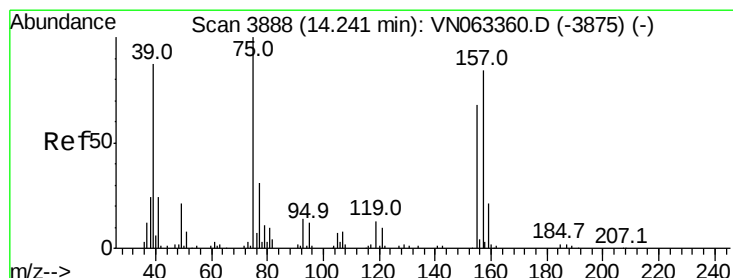
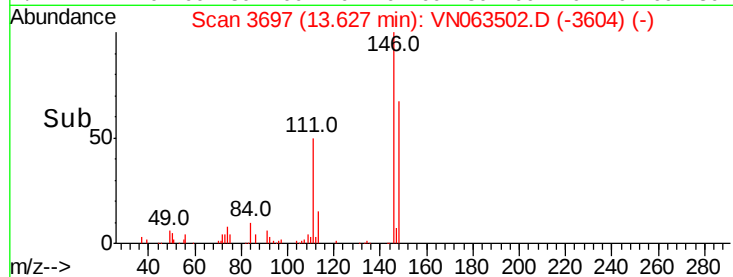
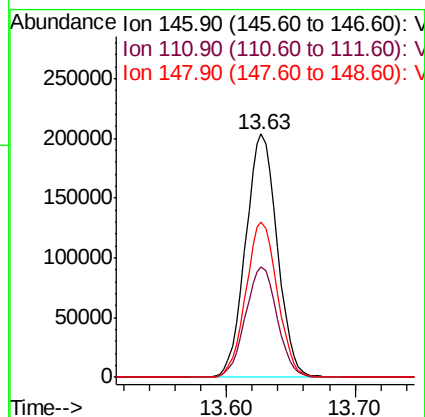
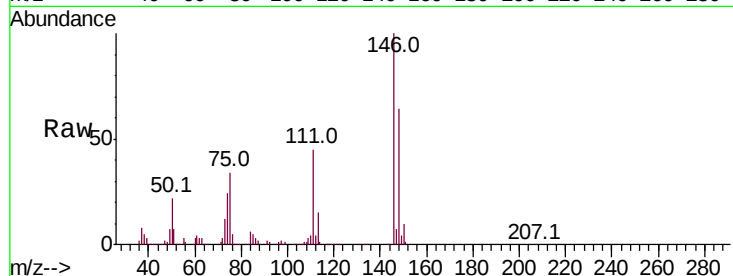




#91
 1,2-Dichlorobenzene
 Concen: 49.786 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. -0.00 min
 Lab File: VN063502.D
 Acq: 21 Sep 2020 22:05

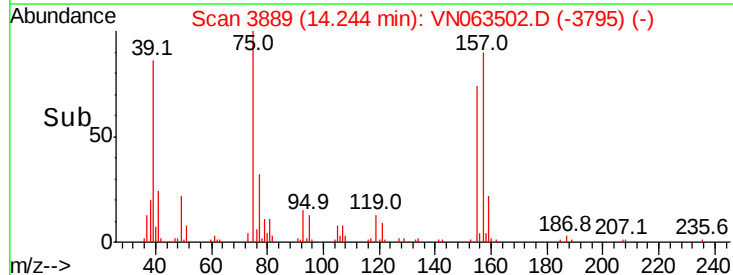
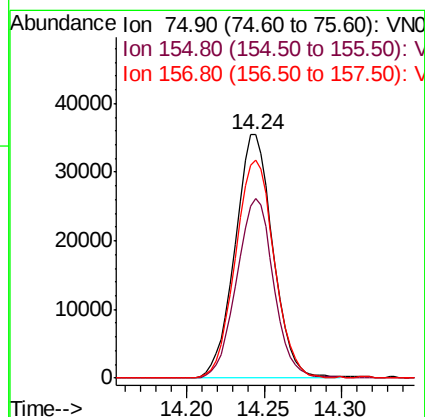
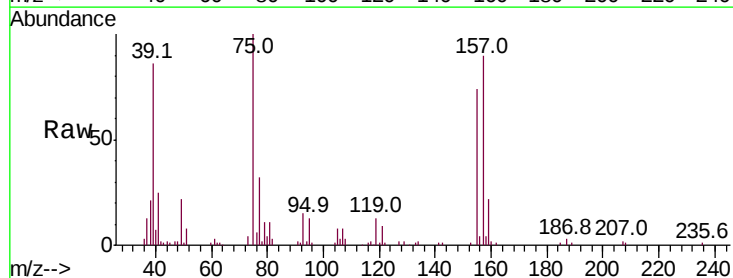
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

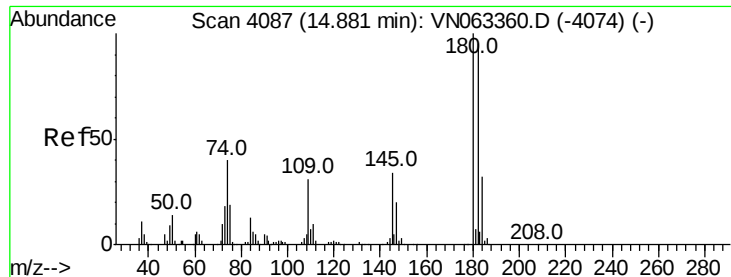
Tot Ion	Ratio	Lower	Upper
146	100		
111	45.4	22.4	67.2
148	63.9	32.0	96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.884 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN063502.D
 Acq: 21 Sep 2020 22:05

Tgt Ion	Ratio	Lower	Upper
75	100		
155	72.0	34.6	103.9
157	91.6	43.7	131.1

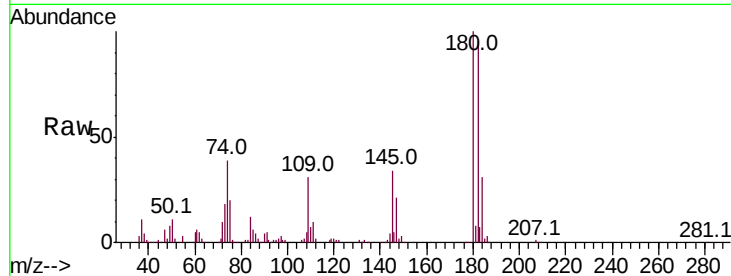




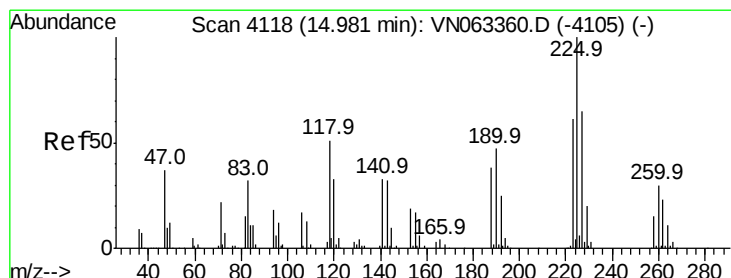
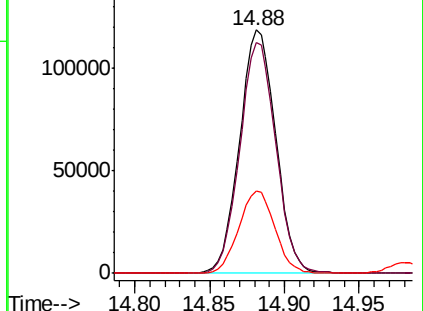
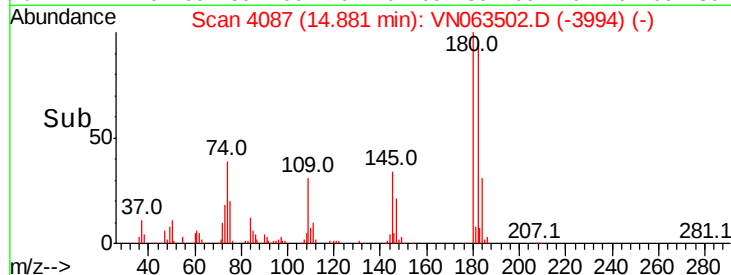
#93
 1,2,4-Trichlorobenzene
 Concen: 48.337 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. -0.00 min
 Lab File: VN063502.D
 Acq: 21 Sep 2020 22:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:180 Resp: 199434
 Ion Ratio Lower Upper
 180 100
 182 94.8 47.3 142.0
 145 33.7 16.6 49.7

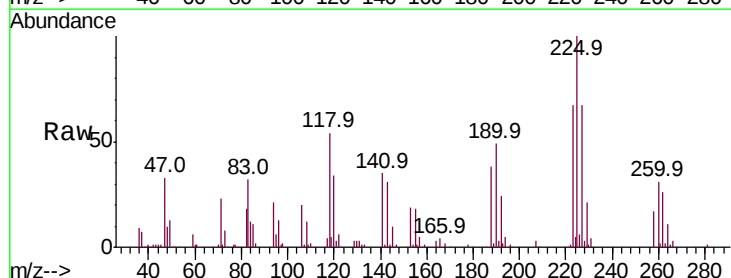


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

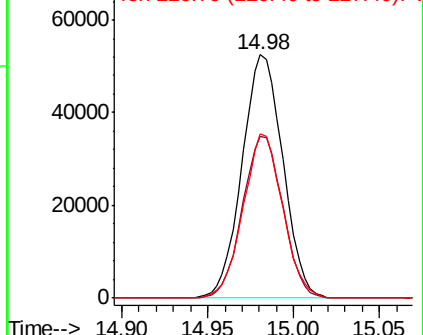
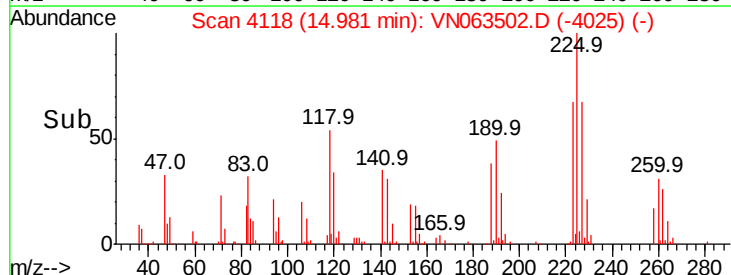


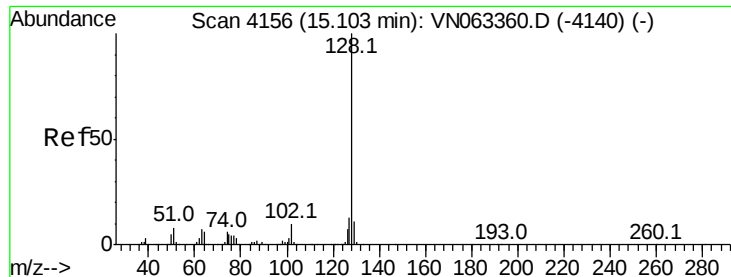
#94
 Hexachlorobutadiene
 Concen: 50.673 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN063502.D
 Acq: 21 Sep 2020 22:05

Tgt Ion:225 Resp: 86554
 Ion Ratio Lower Upper
 225 100
 223 65.5 30.6 91.6
 227 65.3 31.2 93.6



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 49.366 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. -0.00 min

Lab File: VN063502.D

Acq: 21 Sep 2020 22:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

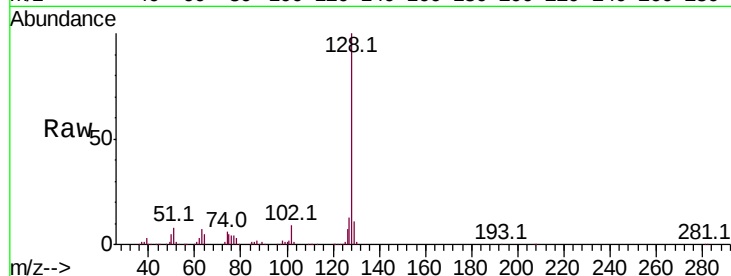
Tot Ion:128 Resp: 672913

Ion Ratio Lower Upper

128 100

127 13.1 10.6 15.8

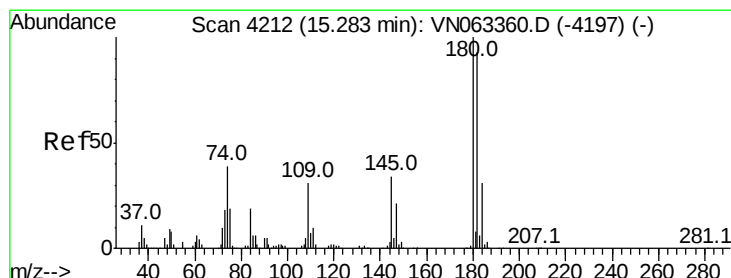
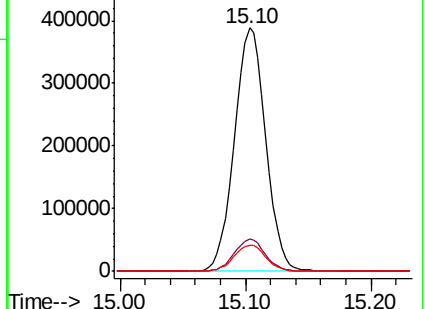
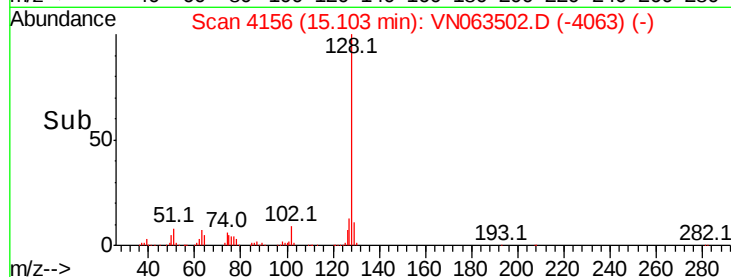
129 11.0 8.8 13.2



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: 48.027 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. -0.00 min

Lab File: VN063502.D

Acq: 21 Sep 2020 22:05

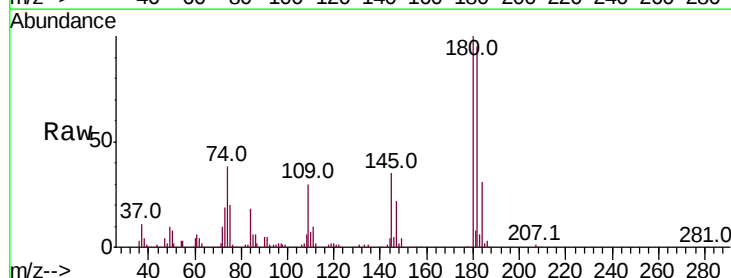
Tgt Ion:180 Resp: 191460

Ion Ratio Lower Upper

180 100

182 96.3 46.7 140.1

145 35.2 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

