

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082120\
 Data File : VN063084.D
 Acq On : 21 Aug 2020 16:39
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 22 01:23:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 06:09:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	159885	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	240955	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	224911	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	106227	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	98153	51.80	ug/l	0.00
Spiked Amount			Recovery	=	103.60%	
35) Dibromofluoromethane	7.55	113	79703	50.76	ug/l	0.00
Spiked Amount			Recovery	=	101.52%	
50) Toluene-d8	10.06	98	312316	51.79	ug/l	0.00
Spiked Amount			Recovery	=	103.58%	
62) 4-Bromofluorobenzene	12.38	95	103795	48.77	ug/l	0.00
Spiked Amount			Recovery	=	97.54%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	103636	49.616	ug/l	100
3) Chloromethane	2.04	50	114494	52.227	ug/l	100
4) Vinyl Chloride	2.16	62	114103	53.820	ug/l	98
5) Bromomethane	2.48	94	40843	32.457	ug/l	99
6) Chloroethane	2.59	64	38313	30.608	ug/l	99
7) Trichlorofluoromethane	2.91	101	140589	53.175	ug/l	98
8) Diethyl Ether	3.36	74	48269	51.607	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.68	101	70374	49.397	ug/l	98
10) Methyl Iodide	3.88	142	87287	48.337	ug/l	98
11) Tert butyl alcohol	4.80	59	31630	117.842	ug/l #	74
12) 1,1-Dichloroethene	3.66	96	65525	48.281	ug/l	93
13) Acrolein	3.56	56	13357	158.850	ug/l	99
14) Allyl chloride	4.25	41	120929	50.536	ug/l	100
15) Acrylonitrile	4.94	53	207251	262.707	ug/l	100
16) Acetone	3.79	43	135072	228.240	ug/l	100
17) Carbon Disulfide	3.98	76	164789	46.363	ug/l	98
18) Methyl Acetate	4.28	43	102630	54.500	ug/l	100
19) Methyl tert-butyl Ether	5.00	73	261688	55.290	ug/l	99
20) Methylene Chloride	4.49	84	88127	52.825	ug/l	98
21) trans-1,2-Dichloroethene	4.97	96	71531	50.364	ug/l	97
22) Diisopropyl ether	5.90	45	308644	56.839	ug/l	98
23) Vinyl Acetate	5.84	43	969725	264.638	ug/l	100
24) 1,1-Dichloroethane	5.79	63	158386	52.196	ug/l	99
25) 2-Butanone	6.79	43	229668	228.292	ug/l	99
26) 2,2-Dichloropropane	6.77	77	116870	48.974	ug/l	99
27) cis-1,2-Dichloroethene	6.77	96	90940	51.084	ug/l	98
28) Bromochloromethane	7.14	49	78237	49.277	ug/l	97
29) Tetrahydrofuran	7.17	42	163164	251.297	ug/l	99
30) Chloroform	7.33	83	158640	51.910	ug/l	99
31) Cyclohexane	7.61	56	137565	49.256	ug/l	98
32) 1,1,1-Trichloroethane	7.52	97	129111	51.749	ug/l	99
36) 1,1-Dichloropropene	7.75	75	106597	50.200	ug/l	99
37) Ethyl Acetate	6.88	43	100884	50.704	ug/l	99
38) Carbon Tetrachloride	7.73	117	106391	49.628	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	119094	41.807	ug/l	98
40) Benzene	8.00	78	350725	52.077	ug/l	99
41) Methacrylonitrile	7.12	41	48818	51.497	ug/l	98
42) 1,2-Dichloroethane	8.08	62	120297	53.197	ug/l	99
43) Isopropyl Acetate	8.13	43	170575	51.748	ug/l #	90
44) Trichloroethene	8.80	130	82608	49.311	ug/l	99
45) 1,2-Dichloropropane	9.08	63	103828	53.334	ug/l	100
46) Dibromomethane	9.17	93	58949	52.417	ug/l	99
47) Bromodichloromethane	9.37	83	129585	52.609	ug/l	100
48) Methyl methacrylate	9.17	41	83153	53.316	ug/l	98
49) 1,4-Dioxane	9.17	88	9757	295.238	ug/l #	87
51) 4-Methyl-2-Pentanone	9.96	43	532475	255.563	ug/l	100
52) Toluene	10.12	92	216164	53.208	ug/l	99
53) t-1,3-Dichloropropene	10.36	75	136990	53.780	ug/l	96
54) cis-1,3-Dichloropropene	9.81	75	152631	54.623	ug/l	99
55) 1,1,2-Trichloroethane	10.54	97	90514	52.105	ug/l	99
56) Ethyl methacrylate	10.40	69	127683	47.674	ug/l	98
57) 1,3-Dichloropropane	10.68	76	153815	53.323	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.67	63	181456	276.814	ug/l	99
59) 2-Hexanone	10.73	43	365323	251.372	ug/l	99
60) Dibromochloromethane	10.88	129	98455	51.214	ug/l	99
61) 1,2-Dibromoethane	10.98	107	89004	53.323	ug/l	99
64) Tetrachloroethene	10.60	164	72174	48.818	ug/l	99
65) Chlorobenzene	11.41	112	230915	51.121	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	92609	52.710	ug/l	99
67) Ethyl Benzene	11.49	91	409149	53.606	ug/l	100
68) m/p-Xylenes	11.60	106	308726	108.831	ug/l	100
69) o-Xylene	11.92	106	144653	53.102	ug/l	98
70) Styrene	11.94	104	263005	48.704	ug/l	99
71) Bromoform	12.10	173	70393	50.336	ug/l #	99
73) Isopropylbenzene	12.23	105	385020	52.928	ug/l	99
74) N-amyl acetate	12.05	43	152046	58.359	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	129633	55.406	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	156343	75.718	ug/l #	100
77) Bromobenzene	12.50	156	102881	51.423	ug/l	98
78) n-propylbenzene	12.57	91	439809	53.043	ug/l	99
79) 2-Chlorotoluene	12.65	91	264773	50.769	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	318541	52.972	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	41816	55.620	ug/l	99
82) 4-Chlorotoluene	12.75	91	277487	52.252	ug/l	100
83) tert-Butylbenzene	12.97	119	259950	50.085	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	302797	51.687	ug/l	100
85) sec-Butylbenzene	13.15	105	341582	48.697	ug/l	100
86) p-Isopropyltoluene	13.26	119	290367	47.508	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	177985	51.765	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	176005	50.434	ug/l	99
89) n-Butylbenzene	13.59	91	224047	39.304	ug/l	100
90) Hexachloroethane	13.85	117	58340	44.909	ug/l	95
91) 1,2-Dichlorobenzene	13.63	146	176732	53.212	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	21702	59.237	ug/l	98

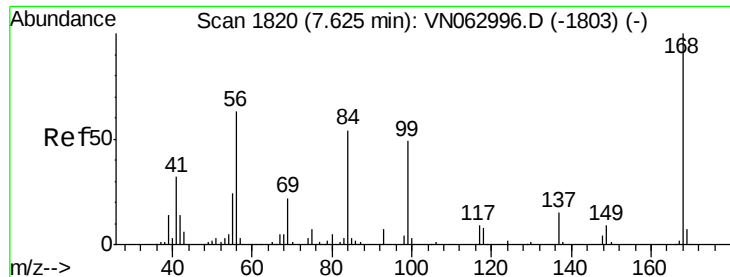
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	82548	45.307	ug/l	99
94) Hexachlorobutadiene	14.99	225	48654	39.643	ug/l	100
95) Naphthalene	15.10	128	195756	46.617	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	79861	44.707	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN063084.D

Acq: 21 Aug 2020 16:39

Instrument :

MSVOA_N

ClientSampleId :

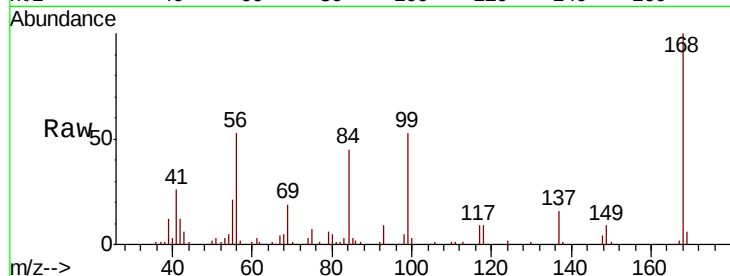
VSTDCCC050EC

Tot Ion:168 Resp: 159885

Ion Ratio Lower Upper

168 100

99 53.2 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

60000

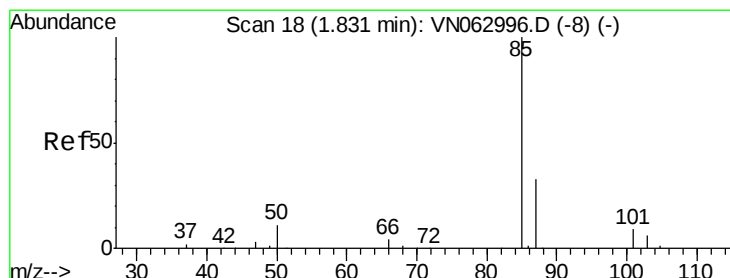
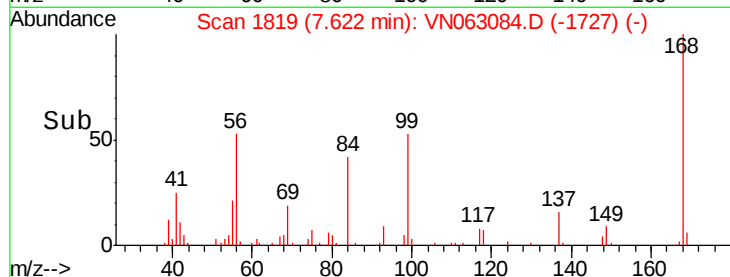
40000

20000

0

7.50 7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 49.616 ug/l

RT: 1.83 min Scan# 17

Delta R.T. -0.00 min

Lab File: VN063084.D

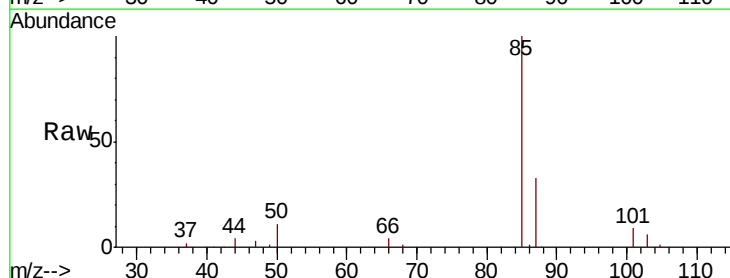
Acq: 21 Aug 2020 16:39

Tgt Ion: 85 Resp: 103636

Ion Ratio Lower Upper

85 100

87 33.1 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

60000

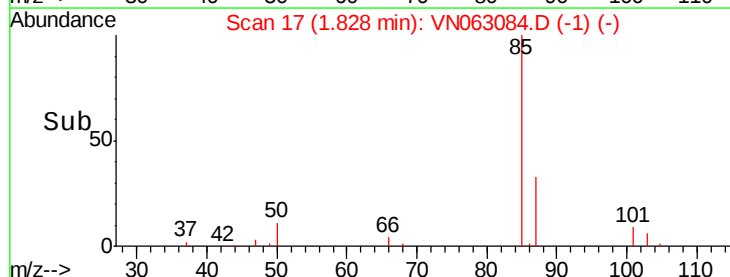
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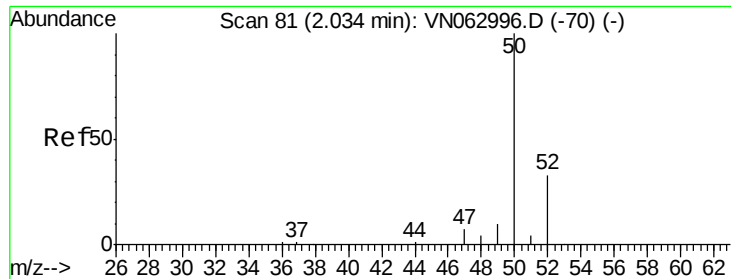
20000

0

1.75 1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 52.227 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN063084.D

Acq: 21 Aug 2020 16:39

Instrument :

MSVOA_N

ClientSampleId :

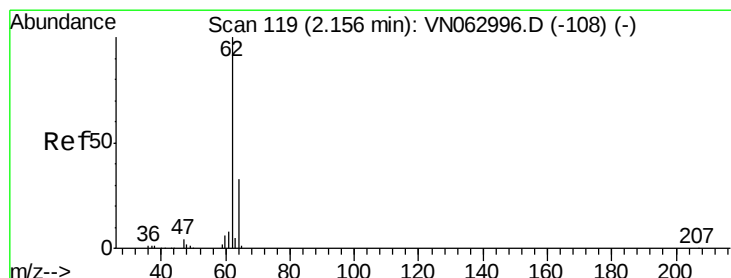
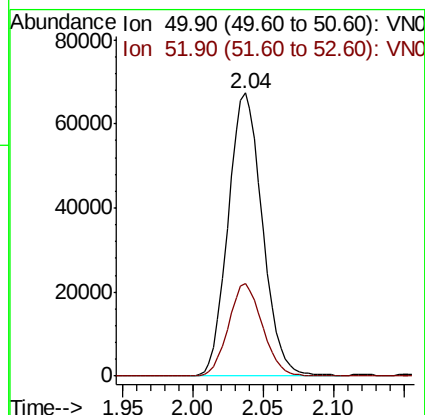
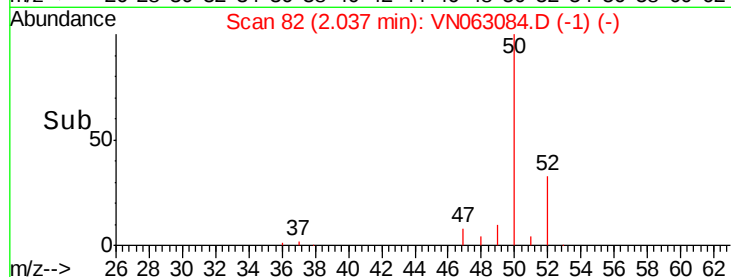
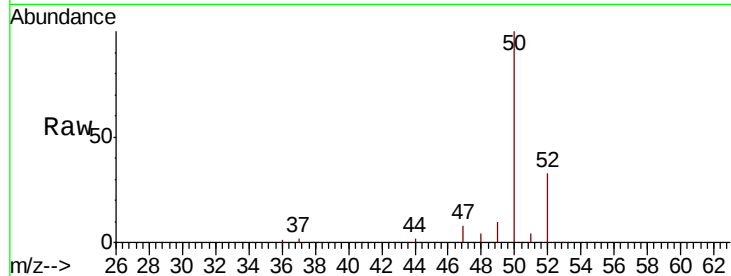
VSTDCCC050EC

Tot Ion: 50 Resp: 114494

Ion Ratio Lower Upper

50 100

52 32.5 26.0 39.0



#4

Vinyl Chloride

Concen: 53.820 ug/l

RT: 2.16 min Scan# 121

Delta R.T. 0.01 min

Lab File: VN063084.D

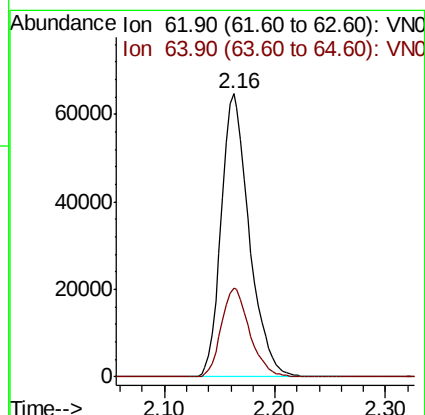
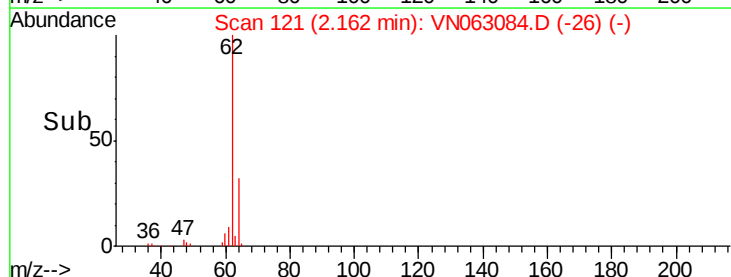
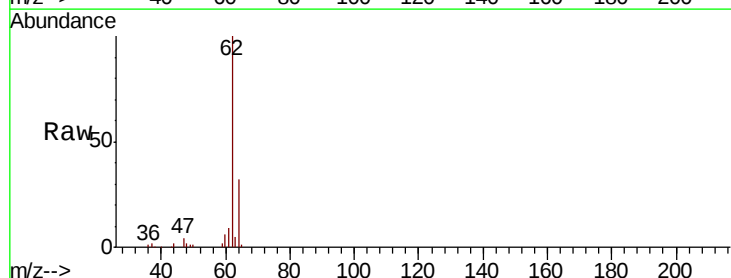
Acq: 21 Aug 2020 16:39

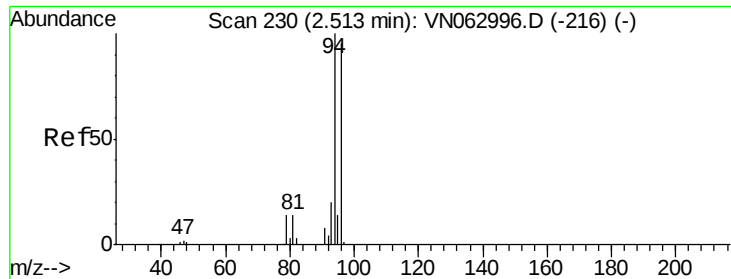
Tgt Ion: 62 Resp: 114103

Ion Ratio Lower Upper

62 100

64 31.6 26.2 39.2





#5

Bromomethane

Concen: 32.457 ug/l

RT: 2.48 min Scan# 221

Delta R.T. -0.03 min

Lab File: VN063084.D

Acq: 21 Aug 2020 16:39

Instrument :

MSVOA_N

ClientSampleId :

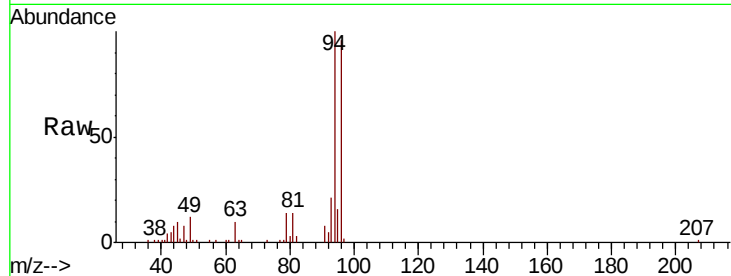
VSTDCCC050EC

Tot Ion: 94 Resp: 40843

Ion Ratio Lower Upper

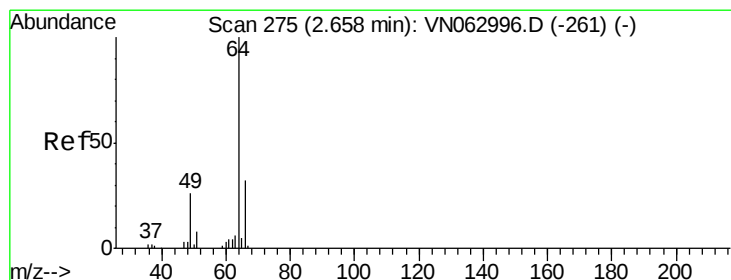
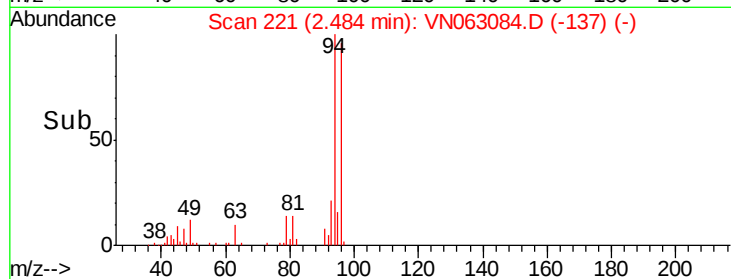
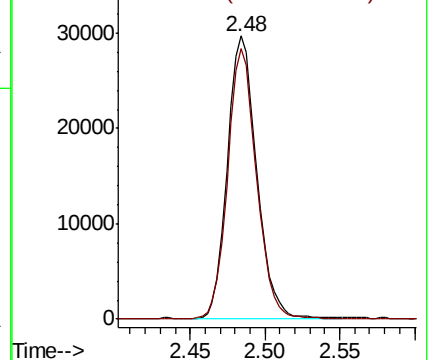
94 100

96 95.6 75.8 113.8



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 30.608 ug/l

RT: 2.59 min Scan# 253

Delta R.T. -0.07 min

Lab File: VN063084.D

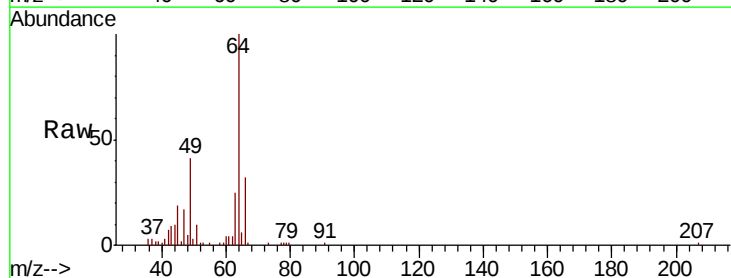
Acq: 21 Aug 2020 16:39

Tgt Ion: 64 Resp: 38313

Ion Ratio Lower Upper

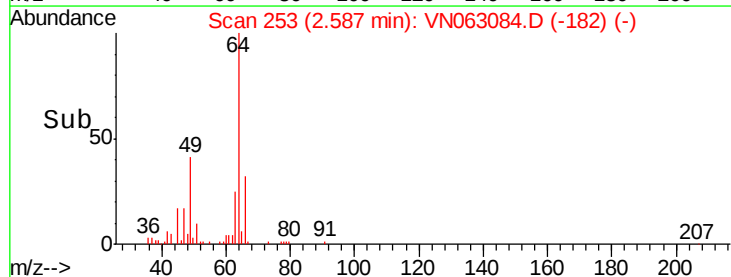
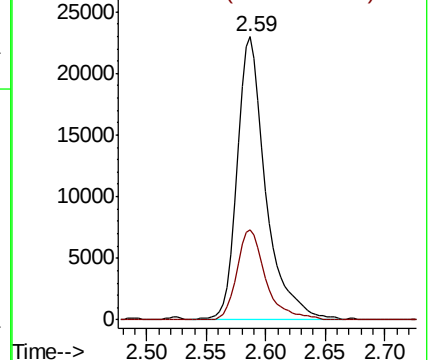
64 100

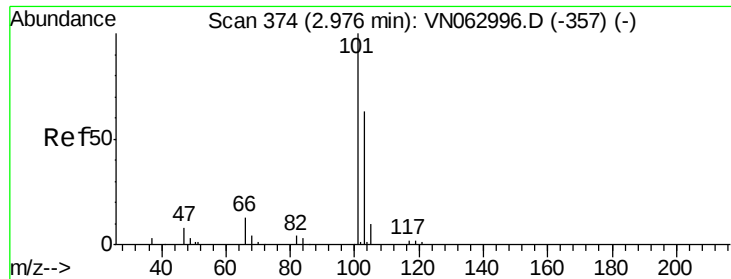
66 32.0 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



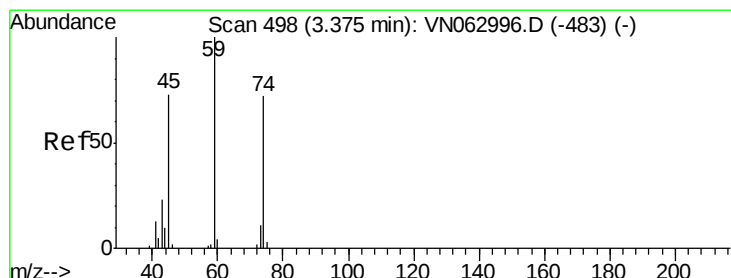
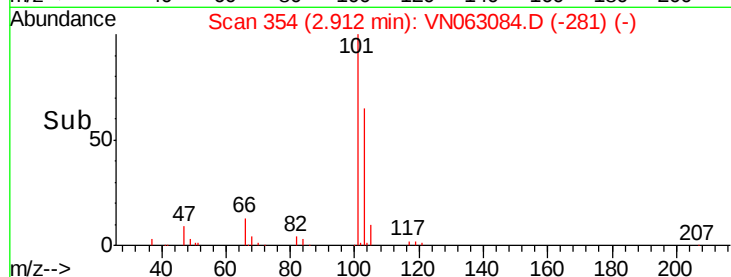
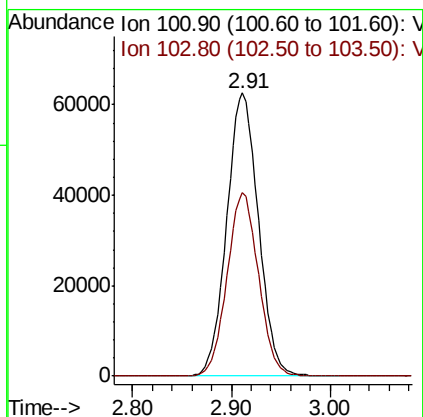
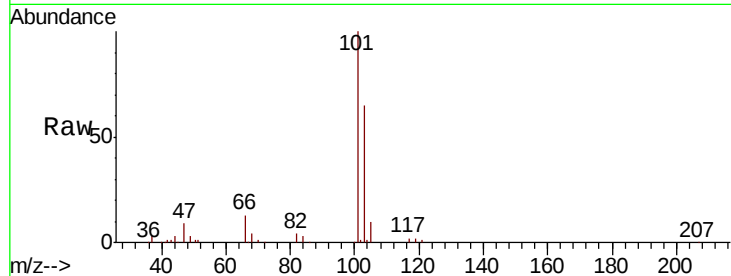


#7

Trichlorofluoromethane
 Concen: 53.175 ug/l
 RT: 2.91 min Scan# 354
 Delta R.T. -0.06 min
 Lab File: VN063084.D
 Acq: 21 Aug 2020 16:39

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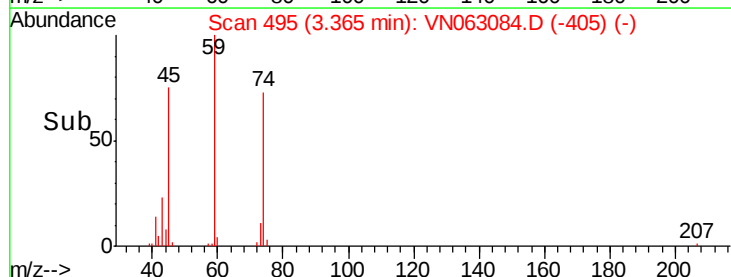
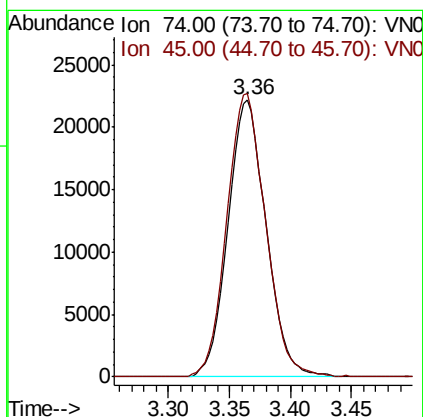
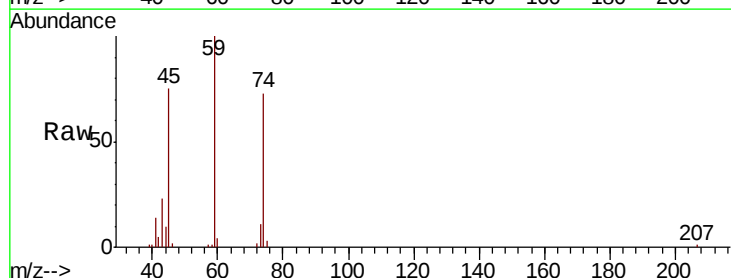
Tot Ion:101 Resp: 140589
 Ion Ratio Lower Upper
 101 100
 103 64.7 50.5 75.7

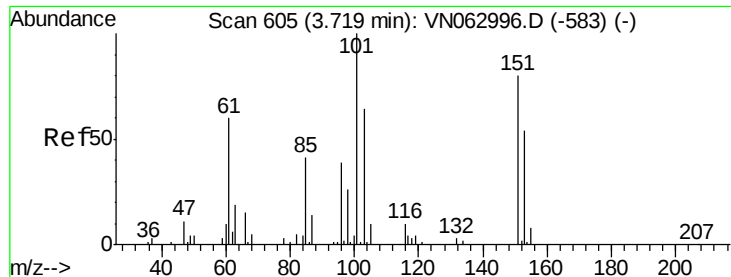


#8

Diethyl Ether
 Concen: 51.607 ug/l
 RT: 3.36 min Scan# 495
 Delta R.T. -0.01 min
 Lab File: VN063084.D
 Acq: 21 Aug 2020 16:39

Tgt Ion: 74 Resp: 48269
 Ion Ratio Lower Upper
 74 100
 45 104.0 49.9 149.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.397 ug/l

RT: 3.68 min Scan# 593

Delta R.T. -0.04 min

Lab File: VN063084.D

Acq: 21 Aug 2020 16:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

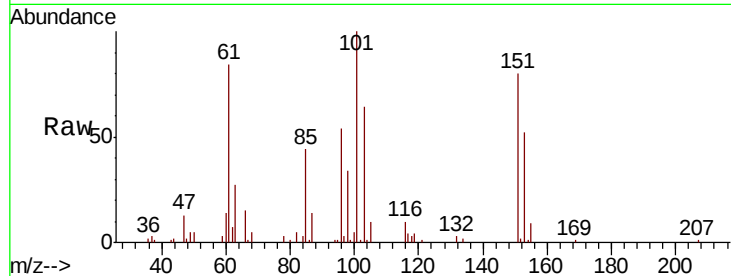
Tot Ion:101 Resp: 70374

Ion Ratio Lower Upper

101 100

85 42.8 34.0 51.0

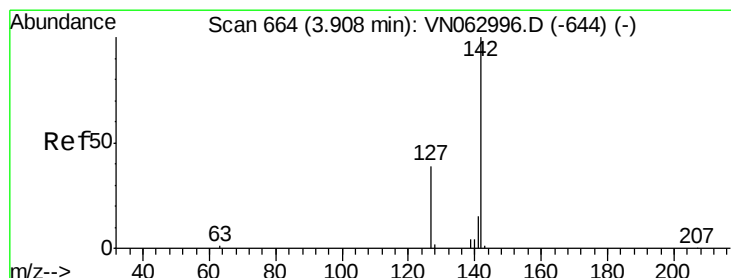
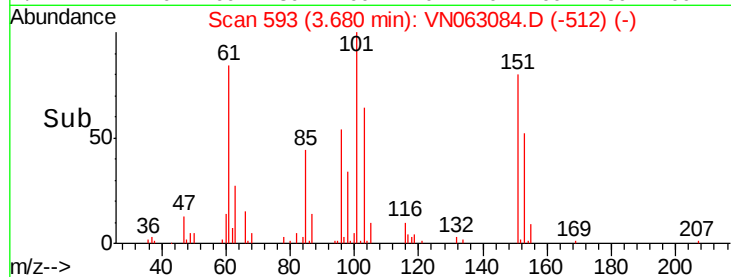
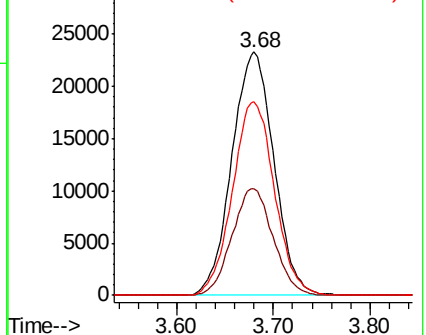
151 79.3 65.8 98.8



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: 48.337 ug/l

RT: 3.88 min Scan# 656

Delta R.T. -0.03 min

Lab File: VN063084.D

Acq: 21 Aug 2020 16:39

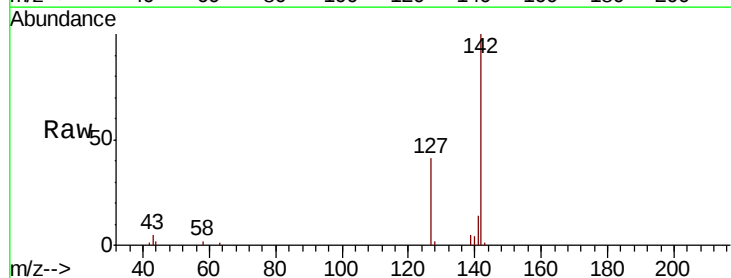
Tgt Ion:142 Resp: 87287

Ion Ratio Lower Upper

142 100

127 41.6 32.2 48.4

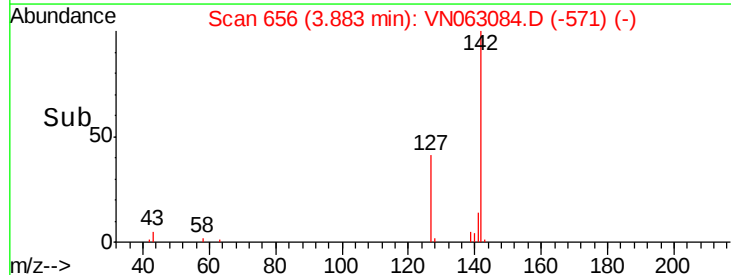
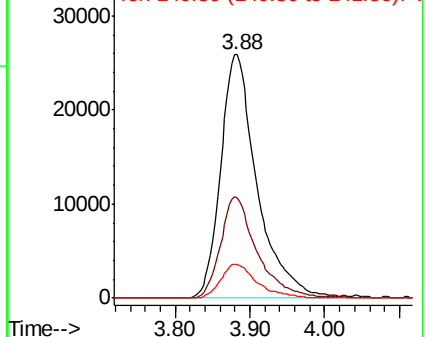
141 14.0 11.3 16.9

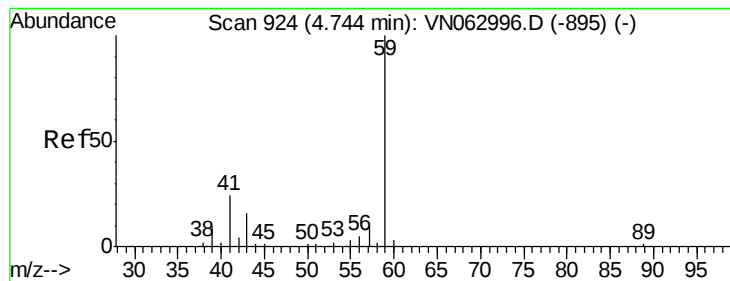


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



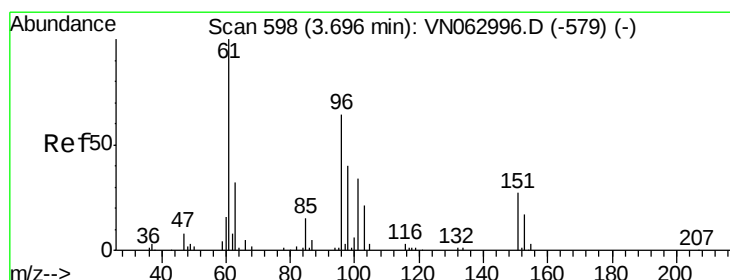
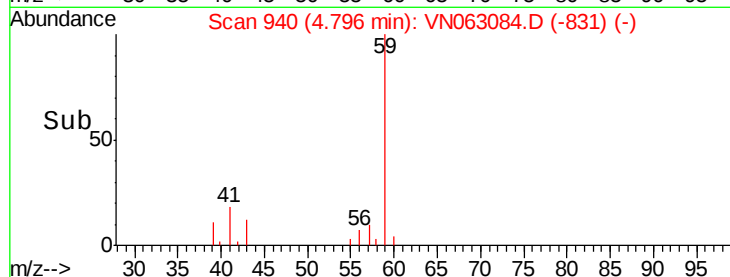
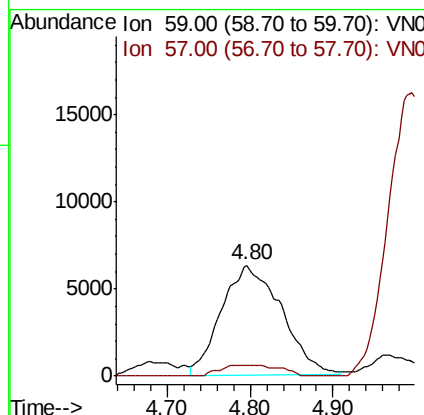
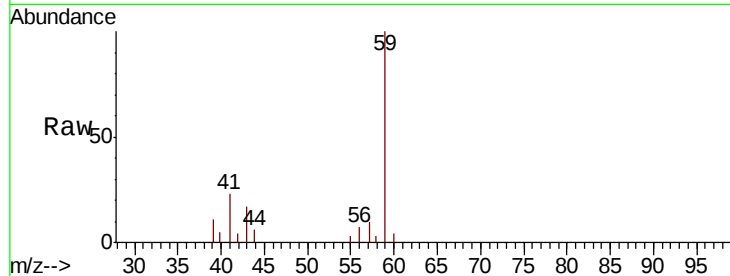


#11

Tert butyl alcohol
 Concen: 117.842 ug/l
 RT: 4.80 min Scan# 940
 Delta R.T. 0.05 min
 Lab File: VN063084.D
 Acq: 21 Aug 2020 16:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

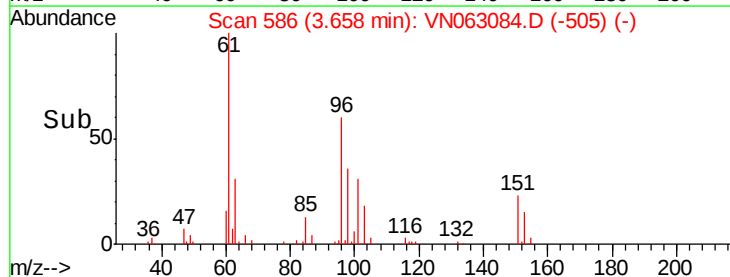
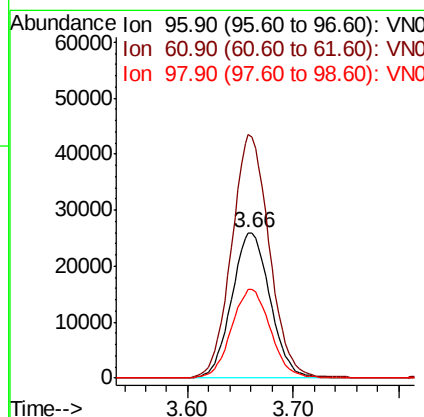
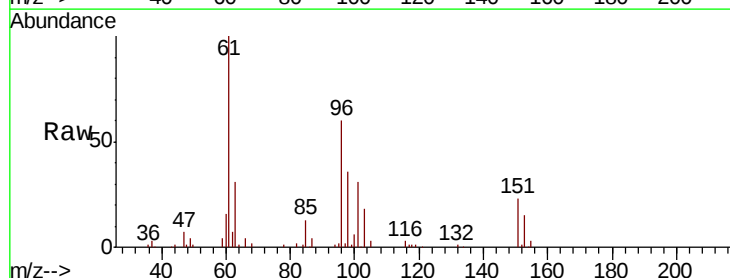
Tot Ion: 59 Resp: 31630
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.8 11.6#

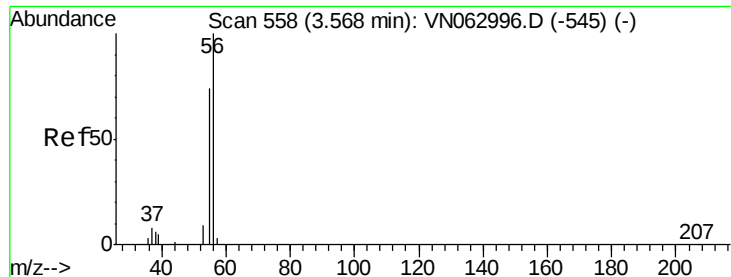


#12

1,1-Dichloroethene
 Concen: 48.281 ug/l
 RT: 3.66 min Scan# 586
 Delta R.T. -0.04 min
 Lab File: VN063084.D
 Acq: 21 Aug 2020 16:39

Tgt Ion: 96 Resp: 65525
 Ion Ratio Lower Upper
 96 100
 61 167.8 125.5 188.3
 98 61.1 50.4 75.6





#13

Acrolein

Concen: 158.850 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN063084.D

Acq: 21 Aug 2020 16:39

Instrument :

MSVOA_N

ClientSampleId :

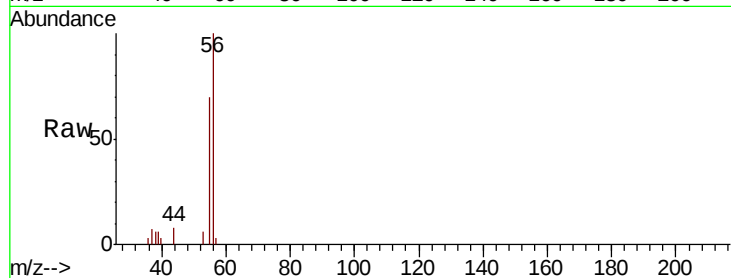
VSTDCCC050EC

Tot Ion: 56 Resp: 13357

Ion Ratio Lower Upper

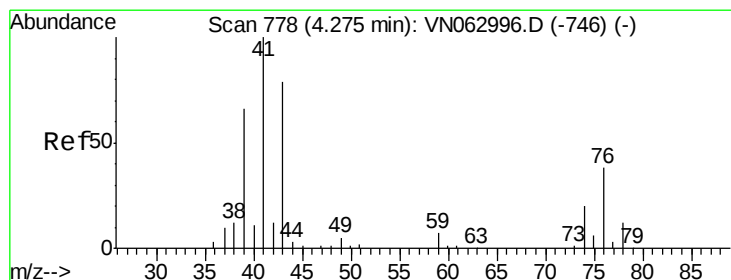
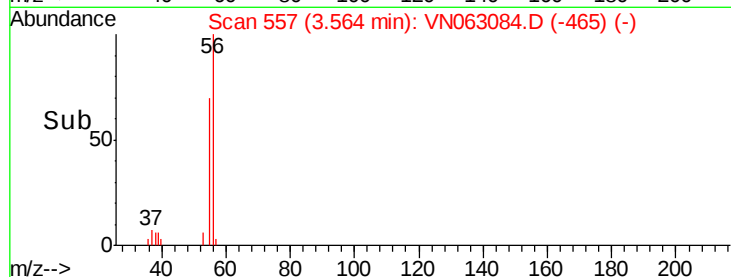
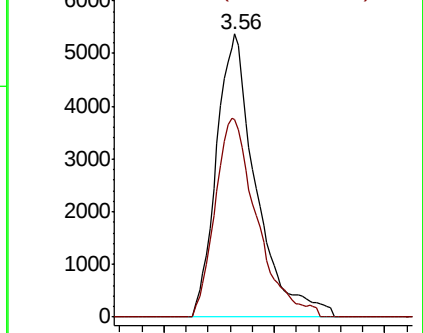
56 100

55 74.1 58.4 87.6



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 50.536 ug/l

RT: 4.25 min Scan# 771

Delta R.T. -0.02 min

Lab File: VN063084.D

Acq: 21 Aug 2020 16:39

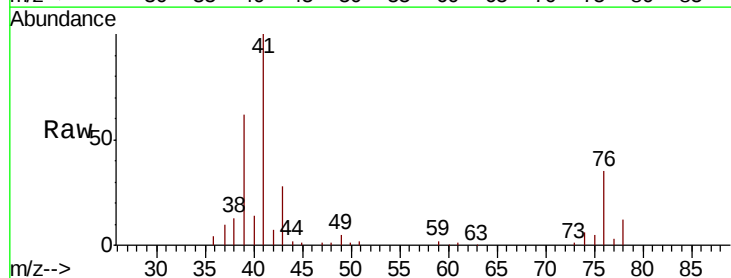
Tgt Ion: 41 Resp: 120929

Ion Ratio Lower Upper

41 100

39 60.1 47.9 71.9

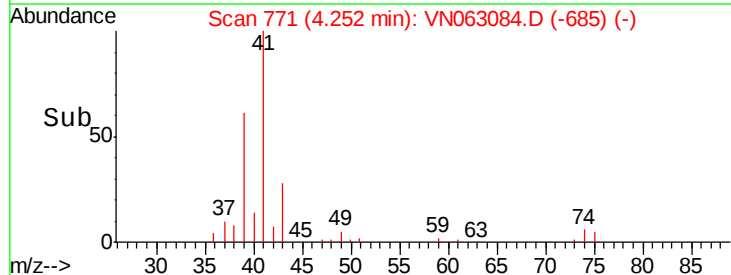
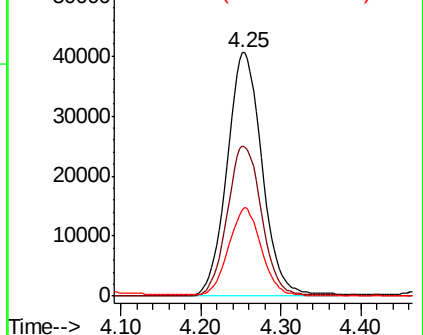
76 34.0 27.0 40.6



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 262.707 ug/l

RT: 4.94 min Scan# 984

Delta R.T. 0.01 min

Lab File: VN063084.D

Acq: 21 Aug 2020 16:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

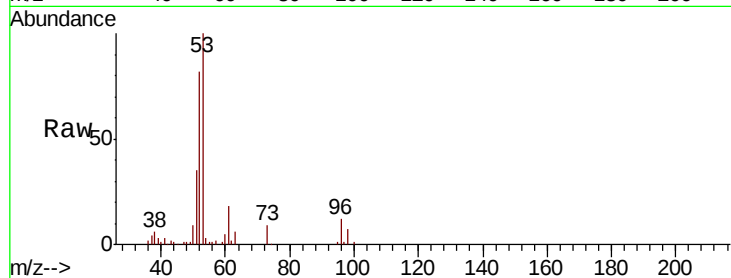
Tot Ion: 53 Resp: 207251

Ion Ratio Lower Upper

53 100

52 81.8 65.6 98.4

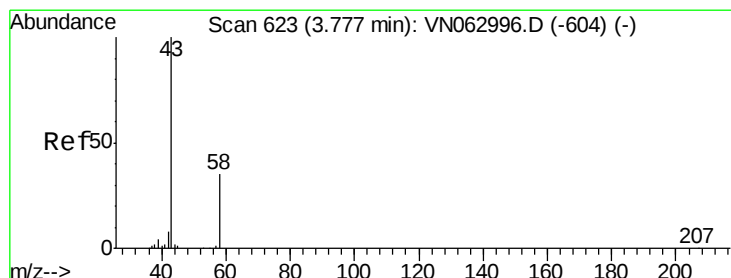
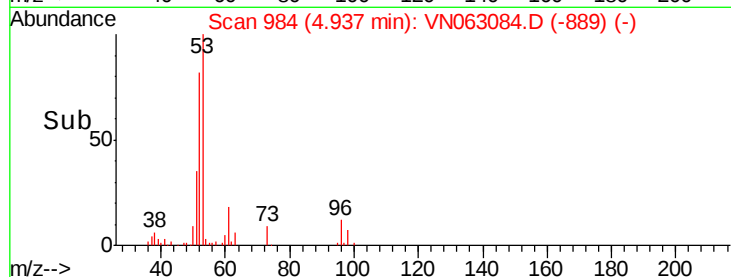
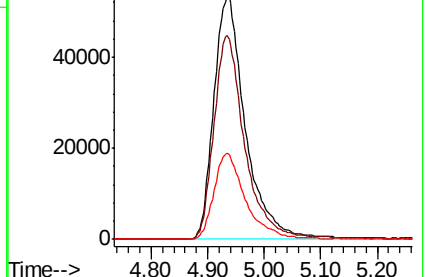
51 35.5 28.2 42.4



Abundance Ion 53.00 (52.70 to 53.70): VN062996.D (-962) (-)

Ion 52.00 (51.70 to 52.70): VN062996.D (-962) (-)

Ion 51.00 (50.70 to 51.70): VN062996.D (-962) (-)



#16

Acetone

Concen: 228.240 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN063084.D

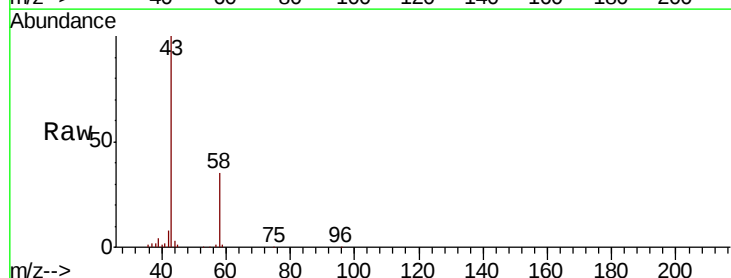
Acq: 21 Aug 2020 16:39

Tgt Ion: 43 Resp: 135072

Ion Ratio Lower Upper

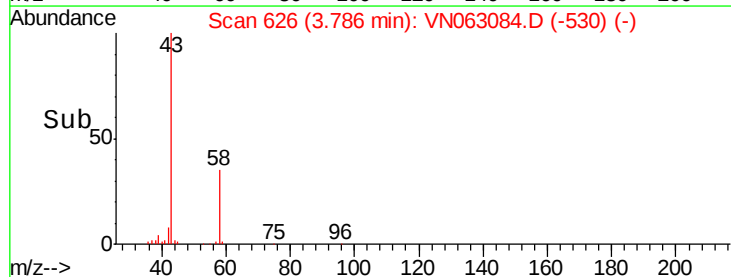
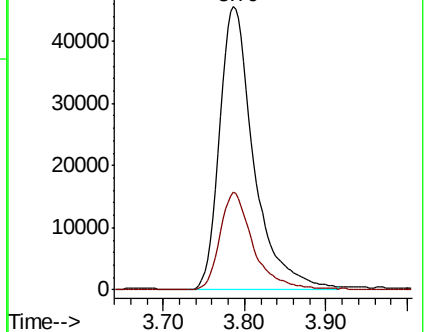
43 100

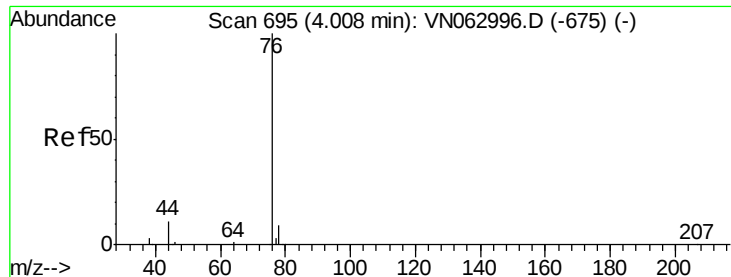
58 34.5 27.8 41.6



Abundance Ion 43.00 (42.70 to 43.70): VN062996.D (-604) (-)

Ion 58.00 (57.70 to 58.70): VN062996.D (-604) (-)

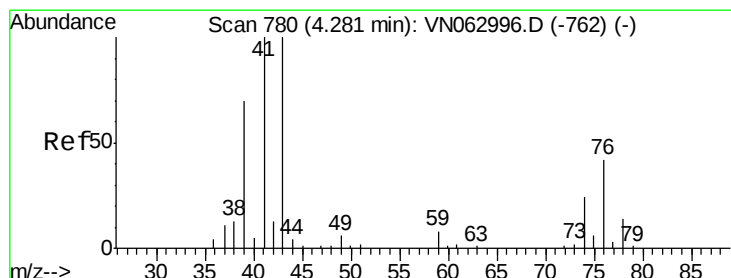
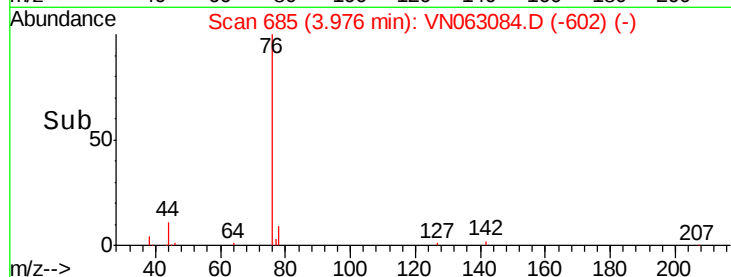
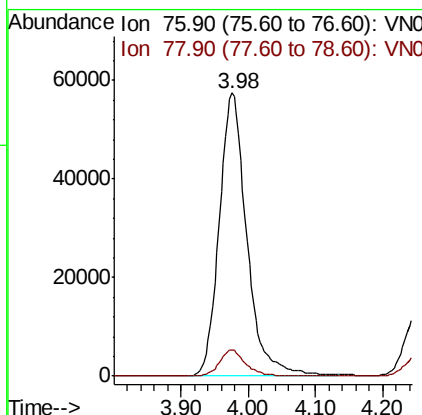
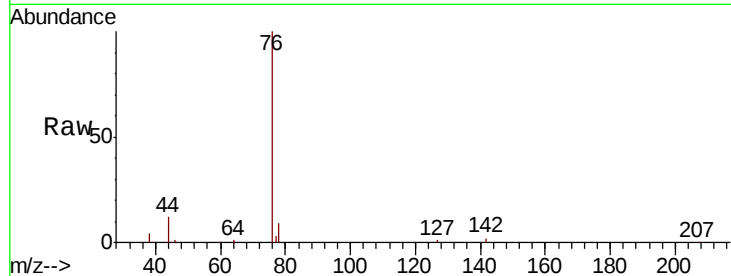




#17
Carbon Disulfide
Concen: 46.363 ug/l
RT: 3.98 min Scan# 685
Delta R.T. -0.03 min
Lab File: VN063084.D
Acq: 21 Aug 2020 16:39

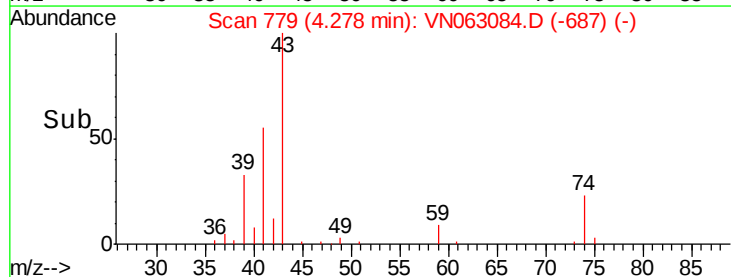
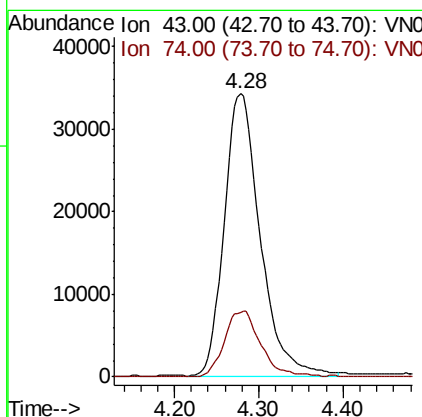
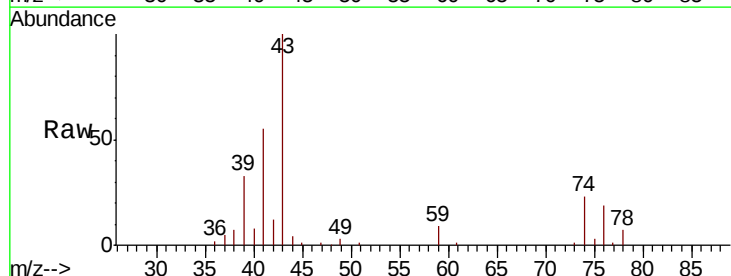
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

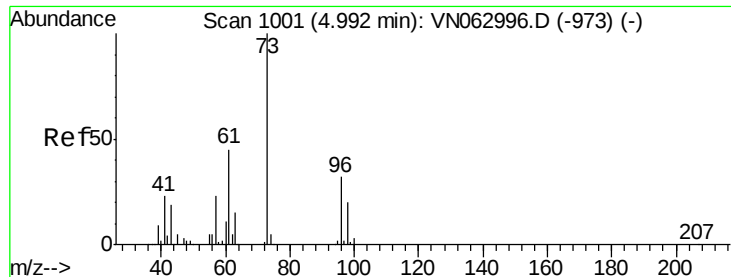
Tot Ion: 76 Resp: 164789
Ion Ratio Lower Upper
76 100
78 9.4 6.9 10.3



#18
Methyl Acetate
Concen: 54.500 ug/l
RT: 4.28 min Scan# 779
Delta R.T. -0.00 min
Lab File: VN063084.D
Acq: 21 Aug 2020 16:39

Tgt Ion: 43 Resp: 102630
Ion Ratio Lower Upper
43 100
74 23.3 18.6 28.0

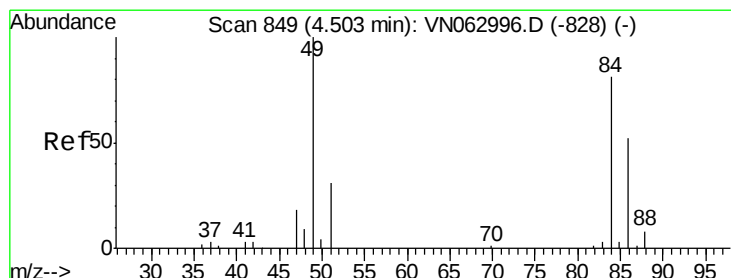
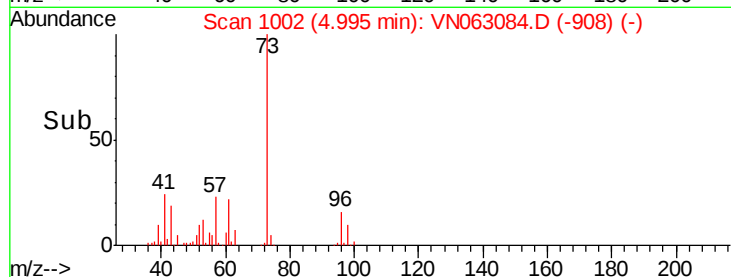
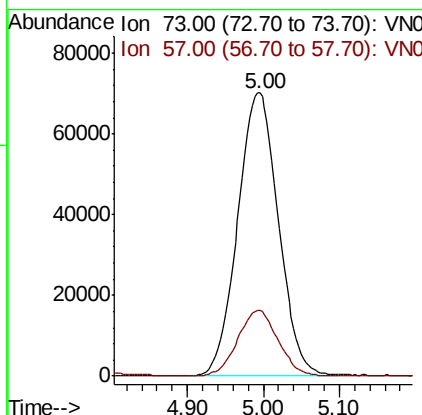
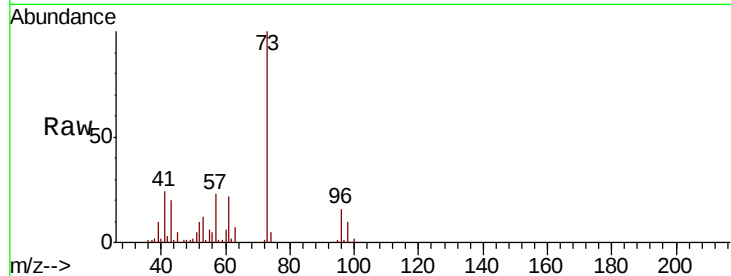




#19
Methyl tert-butyl Ether
Concen: 55.290 ug/l
RT: 5.00 min Scan# 1002
Delta R.T. 0.00 min
Lab File: VN063084.D
Acq: 21 Aug 2020 16:39

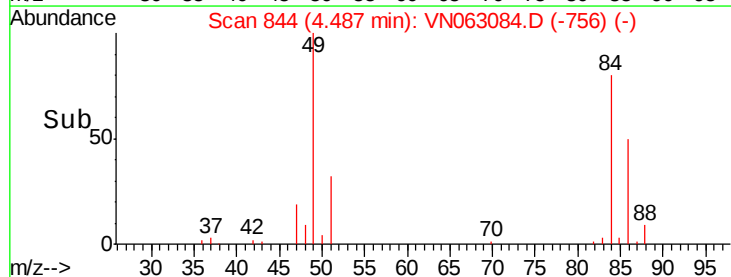
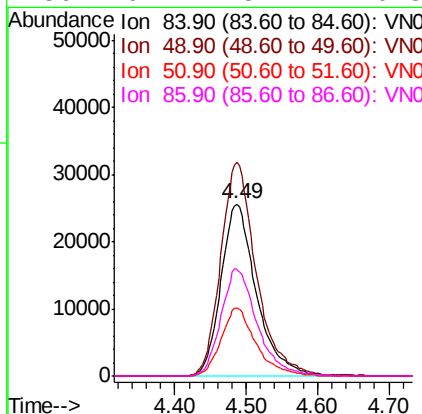
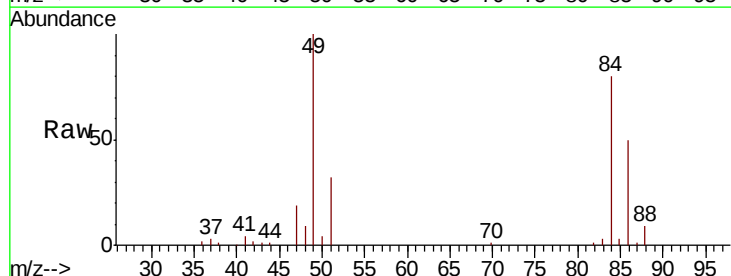
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

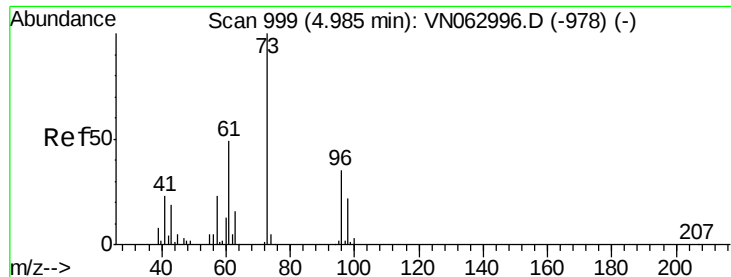
Tot Ion: 73 Resp: 261688
Ion Ratio Lower Upper
73 100
57 23.2 18.1 27.1



#20
Methylene Chloride
Concen: 52.825 ug/l
RT: 4.49 min Scan# 844
Delta R.T. -0.02 min
Lab File: VN063084.D
Acq: 21 Aug 2020 16:39

Tgt Ion: 84 Resp: 88127
Ion Ratio Lower Upper
84 100
49 124.5 98.7 148.1
51 39.9 30.8 46.2
86 62.1 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 50.364 ug/l

RT: 4.97 min Scan# 995

Delta R.T. -0.01 min

Lab File: VN063084.D

Acq: 21 Aug 2020 16:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

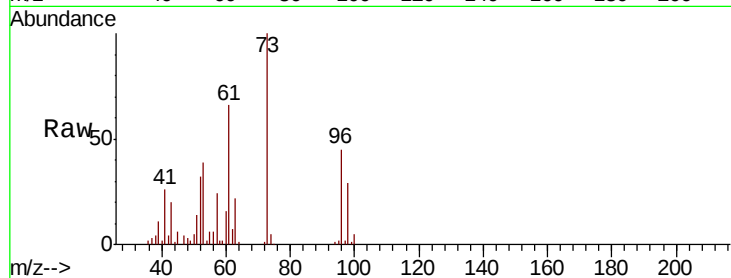
Tot Ion: 96 Resp: 71531

Ion Ratio Lower Upper

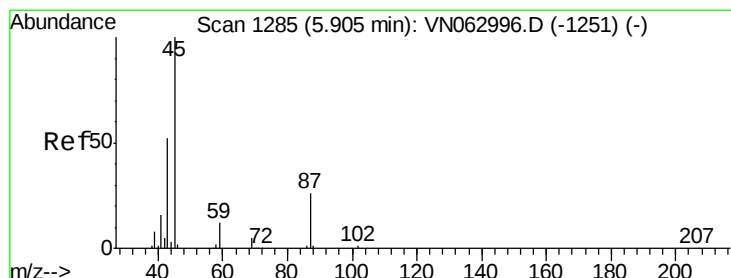
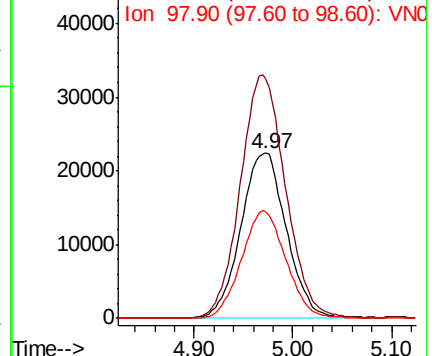
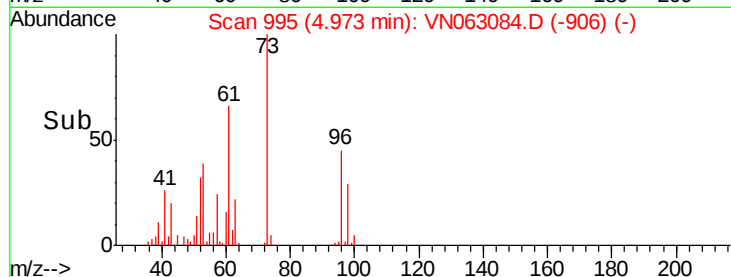
96 100

61 144.7 112.5 168.7

98 64.4 49.4 74.0



Abundance Ion 95.90 (95.60 to 96.60): VN063084.D (-906) (-)



#22

Diisopropyl ether

Concen: 56.839 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VN063084.D

Acq: 21 Aug 2020 16:39

Tgt Ion: 45 Resp: 308644

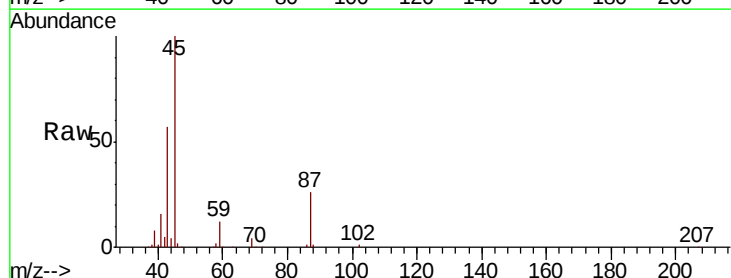
Ion Ratio Lower Upper

45 100

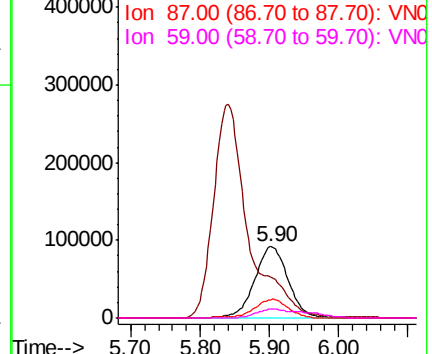
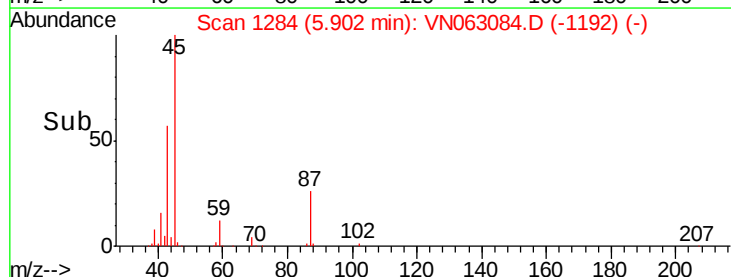
43 55.5 45.7 68.5

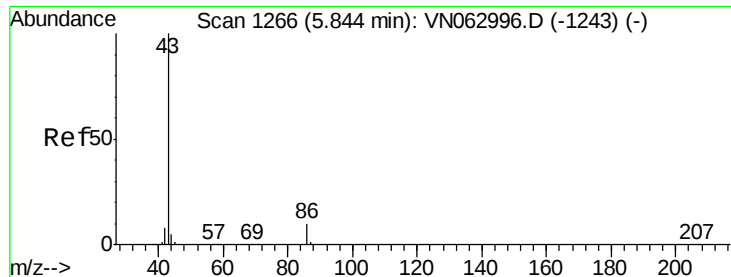
87 25.9 21.8 32.6

59 11.8 9.3 13.9



Abundance Ion 45.00 (44.70 to 45.70): VN063084.D (-1192) (-)





#23

Vinyl Acetate

Concen: 264.638 ug/l

RT: 5.84 min Scan# 1265

Delta R.T. -0.00 min

Lab File: VN063084.D

Acq: 21 Aug 2020 16:39

Instrument :

MSVOA_N

ClientSampleId :

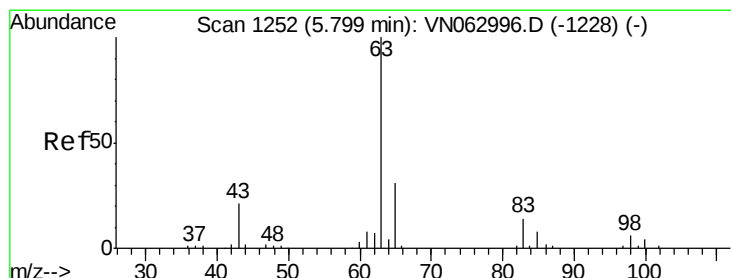
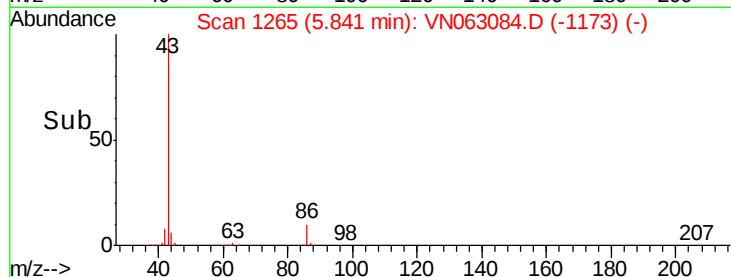
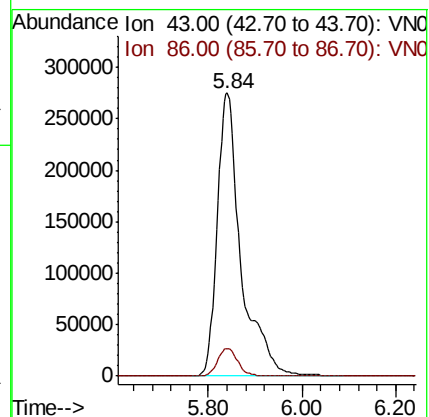
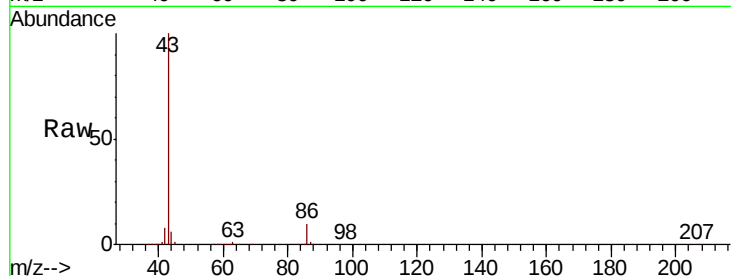
VSTDCCC050EC

Tot Ion: 43 Resp: 969725

Ion Ratio Lower Upper

43 100

86 9.9 8.0 12.0



#24

1,1-Dichloroethane

Concen: 52.196 ug/l

RT: 5.79 min Scan# 1248

Delta R.T. -0.01 min

Lab File: VN063084.D

Acq: 21 Aug 2020 16:39

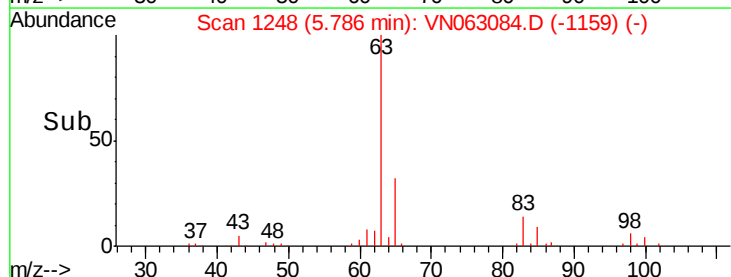
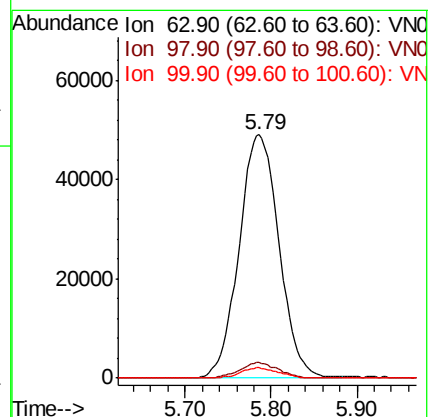
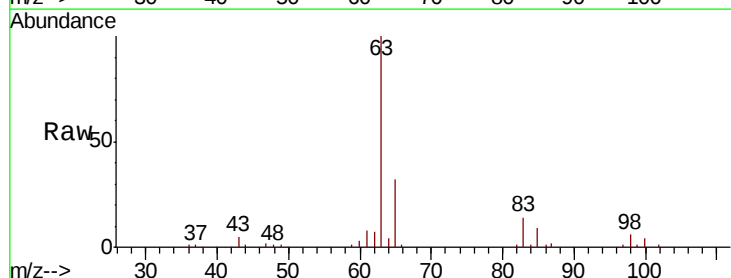
Tgt Ion: 63 Resp: 158386

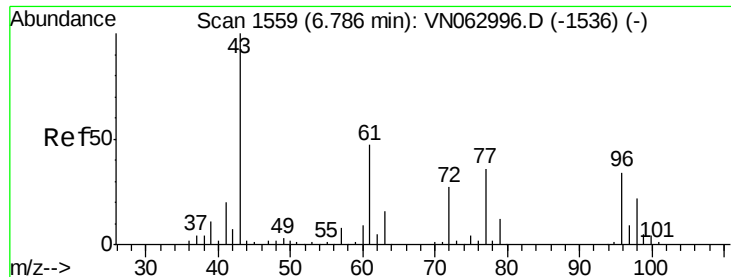
Ion Ratio Lower Upper

63 100

98 6.2 2.9 8.7

100 4.3 2.0 5.8

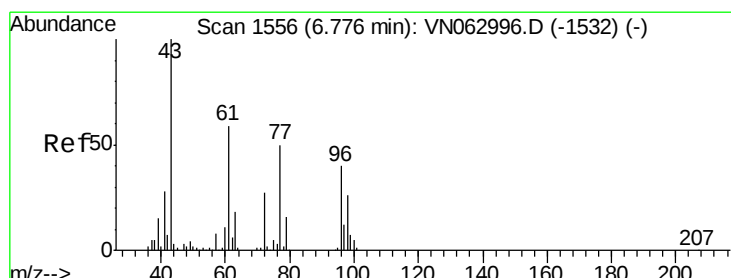
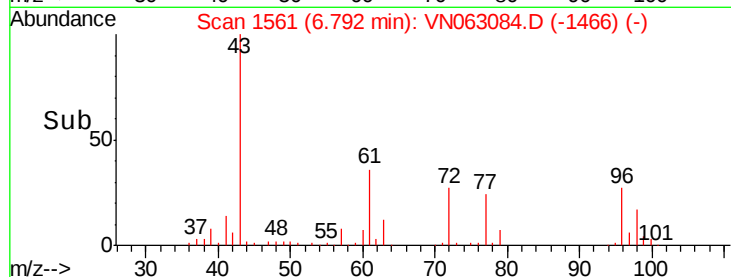
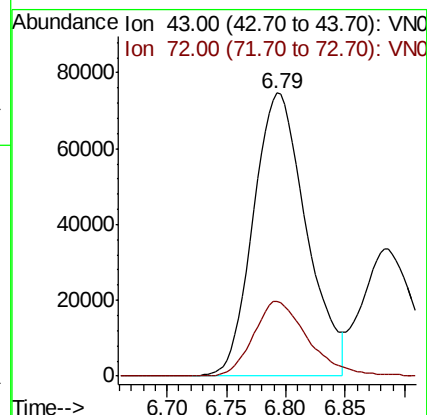
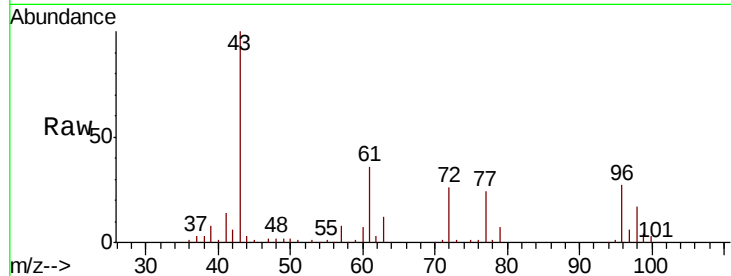




#25
2-Butanone
Concen: 228.292 ug/l
RT: 6.79 min Scan# 1561
Delta R.T. 0.01 min
Lab File: VN063084.D
Acq: 21 Aug 2020 16:39

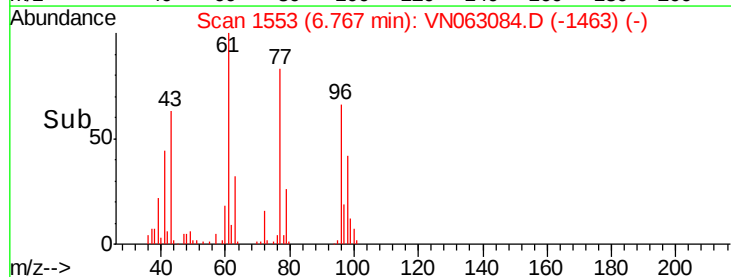
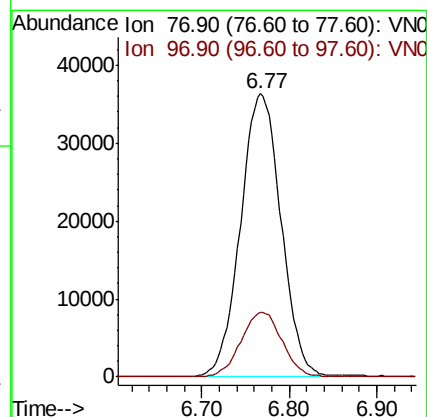
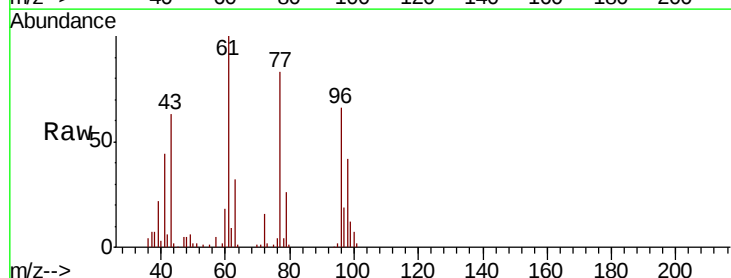
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

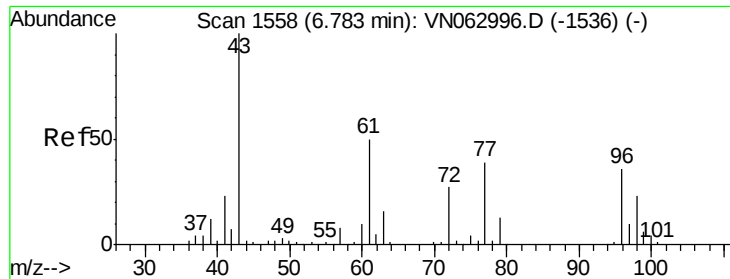
Tot Ion: 43 Resp: 229668
Ion Ratio Lower Upper
43 100
72 26.5 21.8 32.6



#26
2,2-Dichloropropane
Concen: 48.974 ug/l
RT: 6.77 min Scan# 1553
Delta R.T. -0.01 min
Lab File: VN063084.D
Acq: 21 Aug 2020 16:39

Tgt Ion: 77 Resp: 116870
Ion Ratio Lower Upper
77 100
97 23.1 11.7 35.1





#27

cis-1,2-Dichloroethene

Concen: 51.084 ug/l

RT: 6.77 min Scan# 1555

Delta R.T. -0.01 min

Lab File: VN063084.D

Acq: 21 Aug 2020 16:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

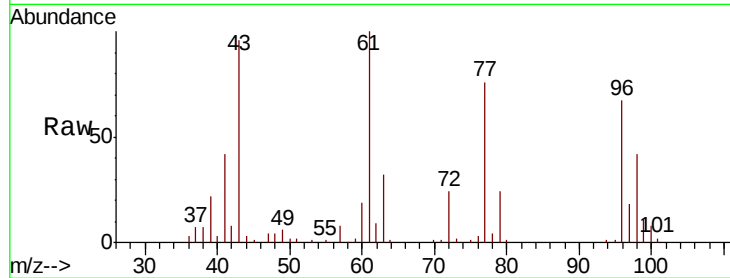
Tot Ion: 96 Resp: 90940

Ion Ratio Lower Upper

96 100

61 148.7 0.0 292.8

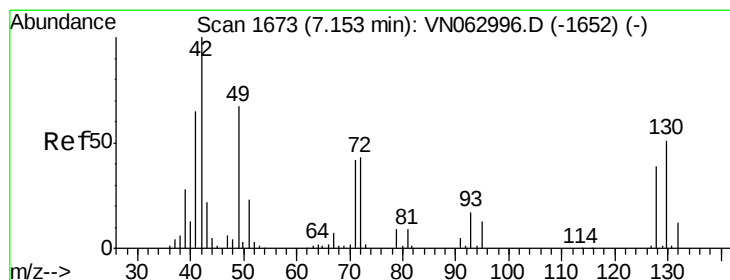
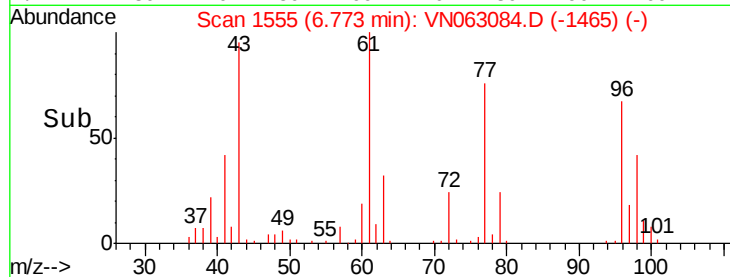
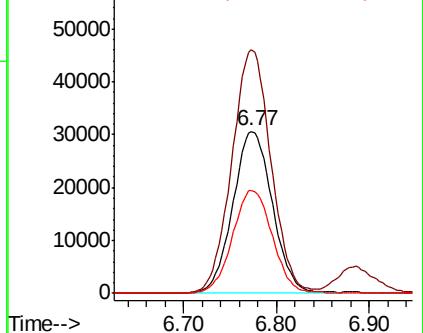
98 64.0 0.0 130.6



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 49.277 ug/l

RT: 7.14 min Scan# 1670

Delta R.T. -0.01 min

Lab File: VN063084.D

Acq: 21 Aug 2020 16:39

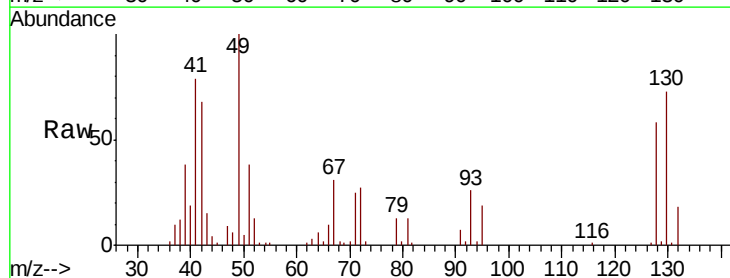
Tgt Ion: 49 Resp: 78237

Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.6

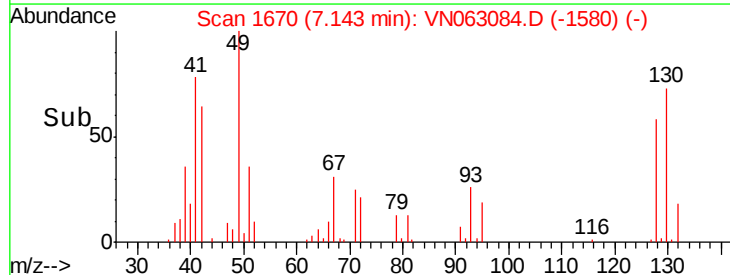
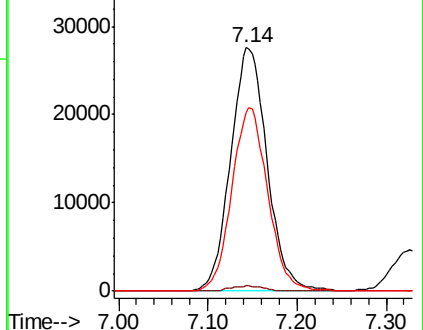
130 73.9 61.1 91.7

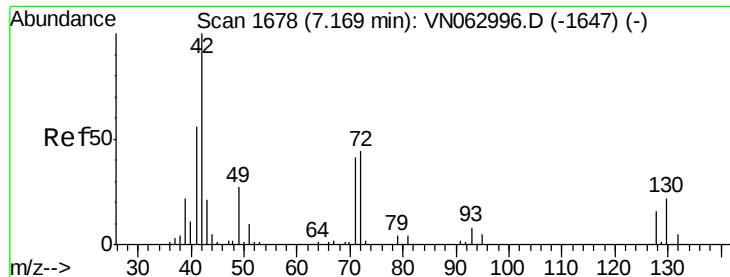


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 251.297 ug/l

RT: 7.17 min Scan# 1678

Delta R.T. -0.00 min

Lab File: VN063084.D

Acq: 21 Aug 2020 16:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

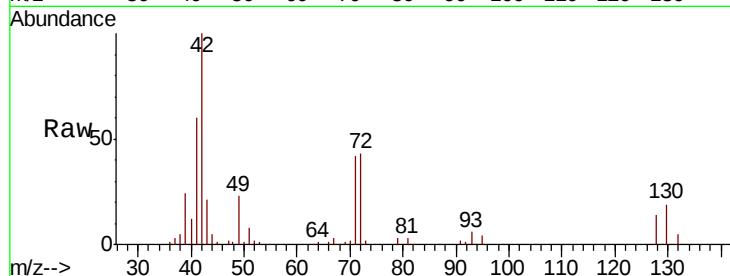
Tot Ion: 42 Resp: 163164

Ion Ratio Lower Upper

42 100

72 42.0 34.6 52.0

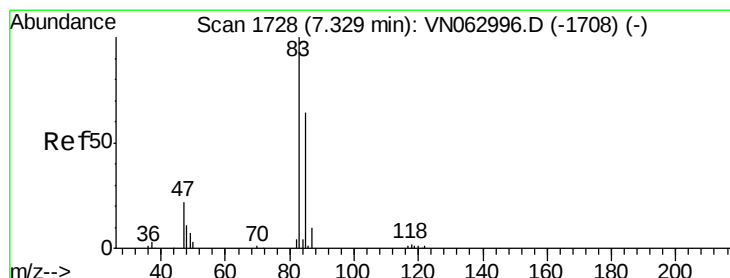
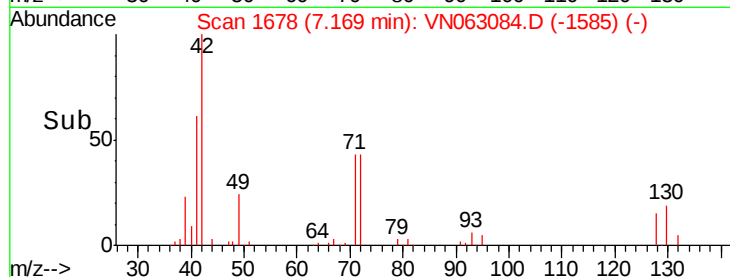
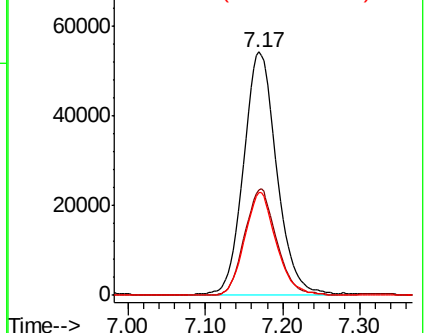
71 40.2 32.3 48.5



Abundance Ion 42.00 (41.70 to 42.70): VN062996.D (-1647) (-)

Ion 72.00 (71.70 to 72.70): VN062996.D (-1647) (-)

Ion 71.00 (70.70 to 71.70): VN062996.D (-1647) (-)



#30

Chloroform

Concen: 51.910 ug/l

RT: 7.33 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VN063084.D

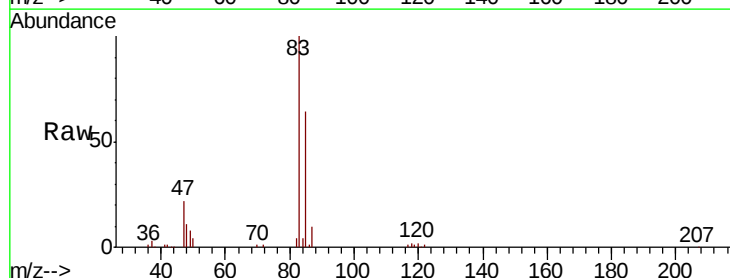
Acq: 21 Aug 2020 16:39

Tgt Ion: 83 Resp: 158640

Ion Ratio Lower Upper

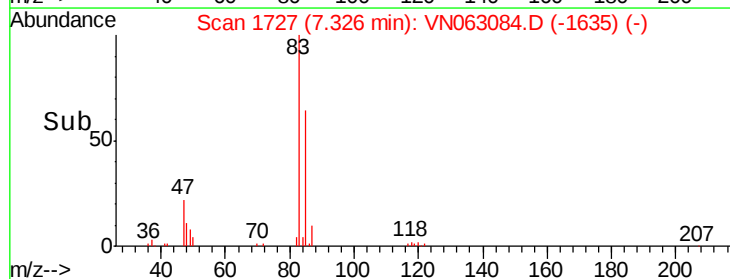
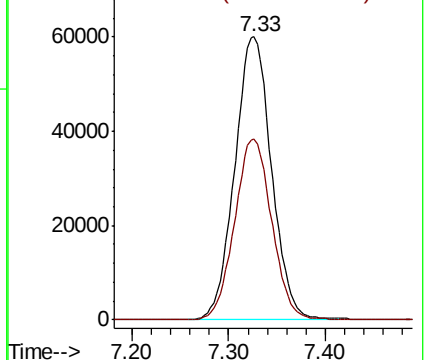
83 100

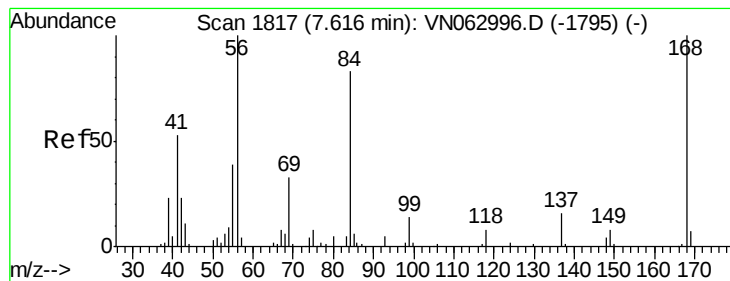
85 63.8 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VN062996.D (-1708) (-)

Ion 84.90 (84.60 to 85.60): VN062996.D (-1708) (-)





#31

Cyclohexane

Concen: 49.256 ug/l

RT: 7.61 min Scan# 1814

Delta R.T. -0.01 min

Lab File: VN063084.D

Acq: 21 Aug 2020 16:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

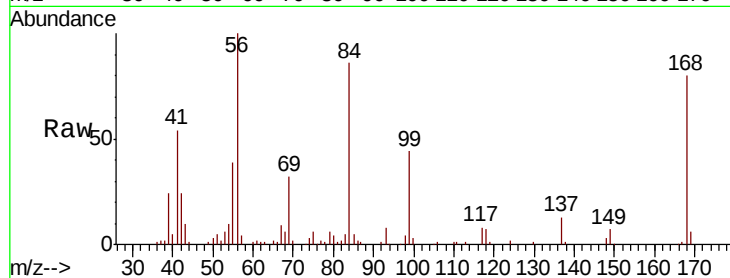
Tot Ion: 56 Resp: 137565

Ion Ratio Lower Upper

56 100

69 32.1 26.6 40.0

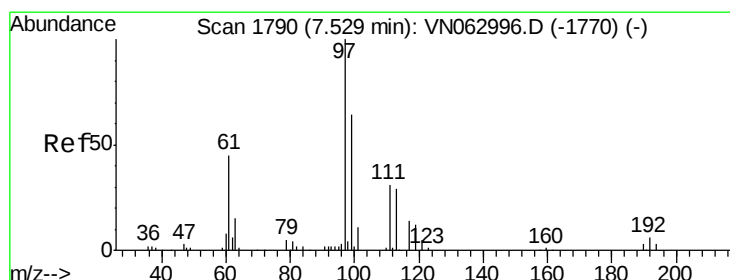
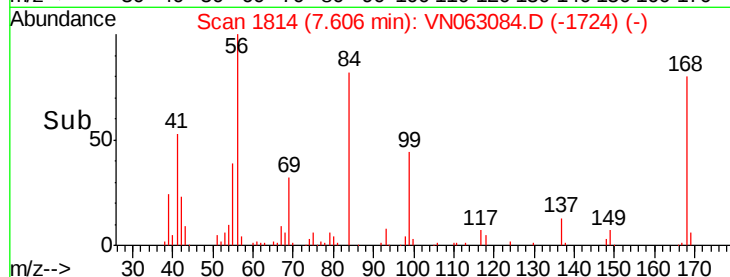
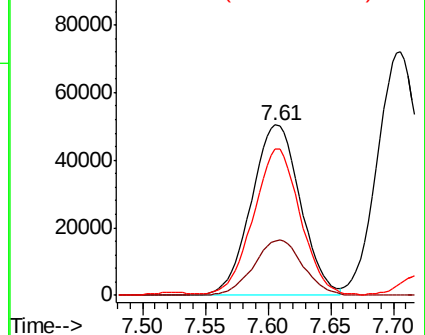
84 84.6 66.4 99.6



Abundance Ion 56.00 (55.70 to 56.70): VN062996.D (-1795) (-)

Ion 69.00 (68.70 to 69.70): VN062996.D (-1795) (-)

Ion 84.00 (83.70 to 84.70): VN062996.D (-1795) (-)



#32

1,1,1-Trichloroethane

Concen: 51.749 ug/l

RT: 7.52 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VN063084.D

Acq: 21 Aug 2020 16:39

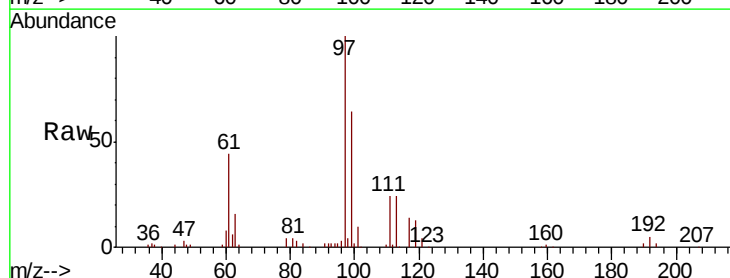
Tgt Ion: 97 Resp: 129111

Ion Ratio Lower Upper

97 100

99 65.0 52.0 78.0

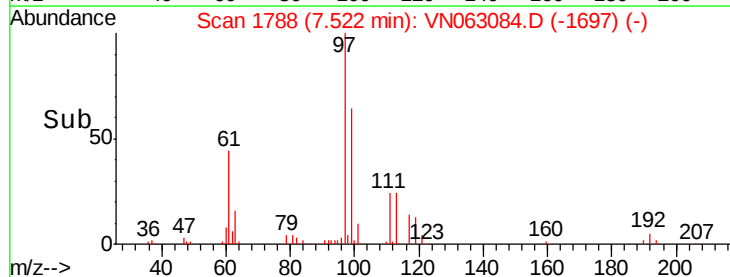
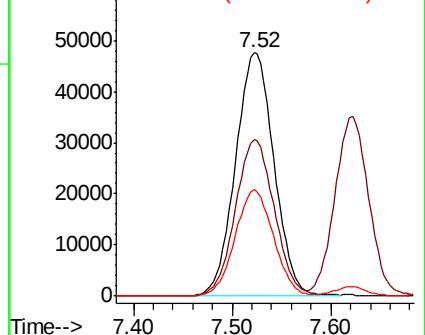
61 43.7 36.2 54.4

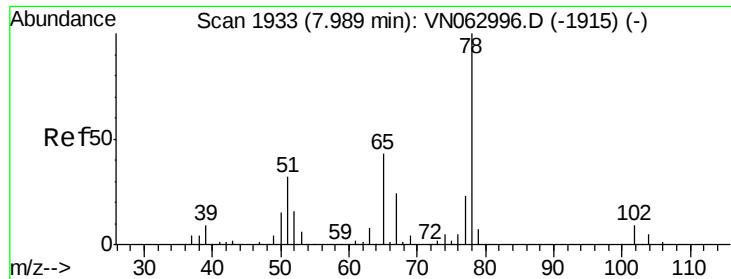


Abundance Ion 96.90 (96.60 to 97.60): VN062996.D (-1770) (-)

Ion 98.90 (98.60 to 99.60): VN062996.D (-1770) (-)

Ion 60.90 (60.60 to 61.60): VN062996.D (-1770) (-)

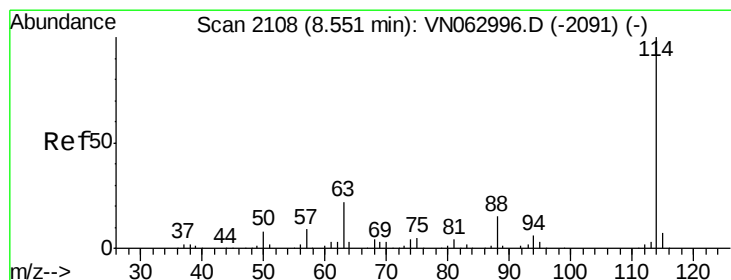
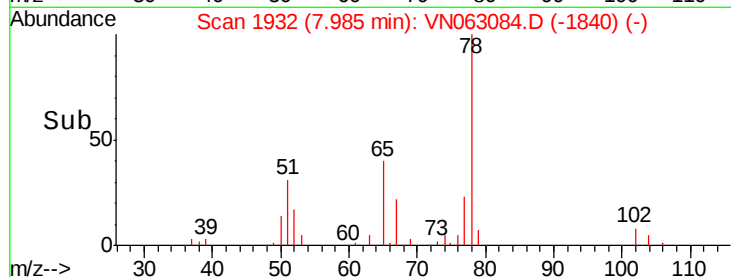
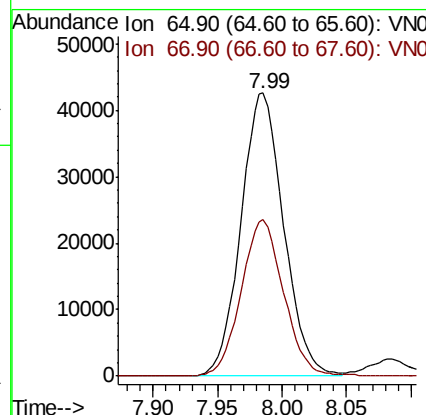
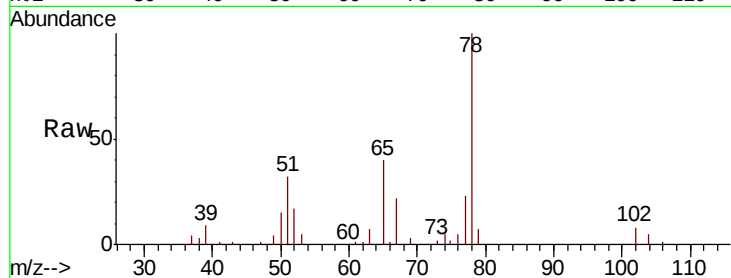




#33
 1,2-Dichloroethane-d4
 Concen: 51.798 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN063084.D
 Acq: 21 Aug 2020 16:39

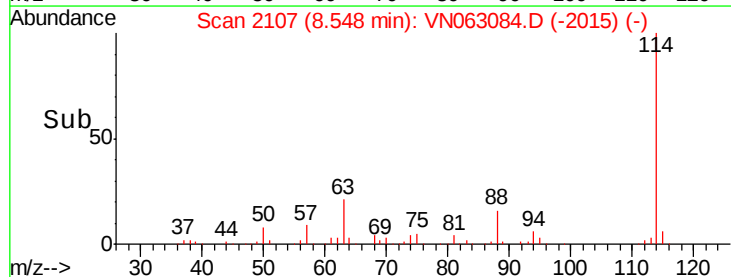
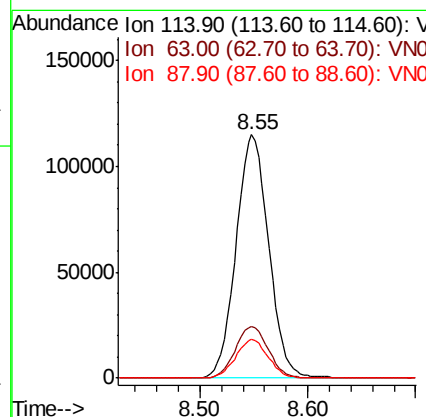
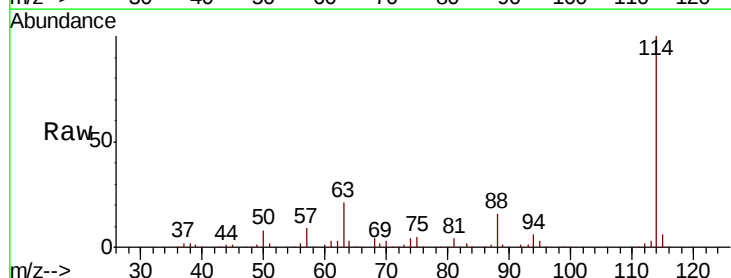
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

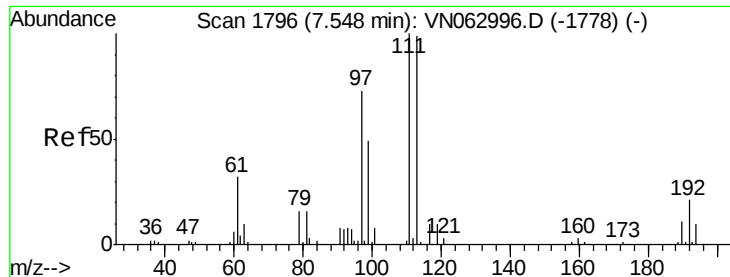
Tot Ion: 65 Resp: 98153
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN063084.D
 Acq: 21 Aug 2020 16:39

Tgt Ion: 114 Resp: 240955
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 43.2
 88 15.8 0.0 30.6

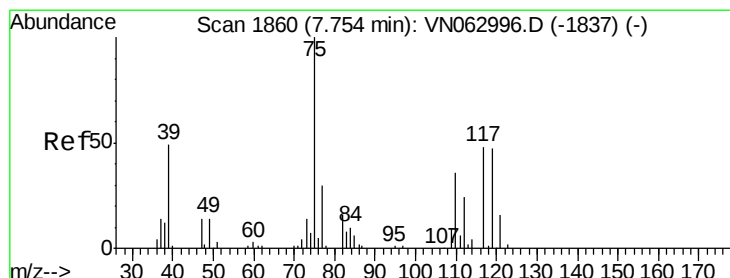
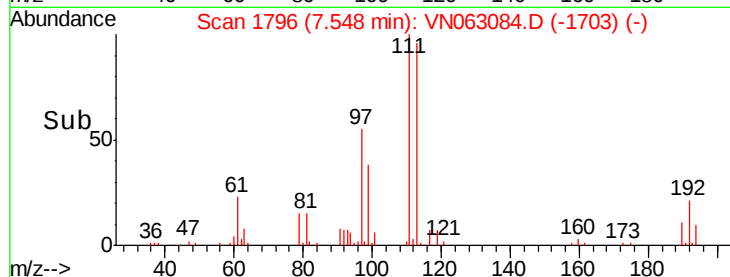
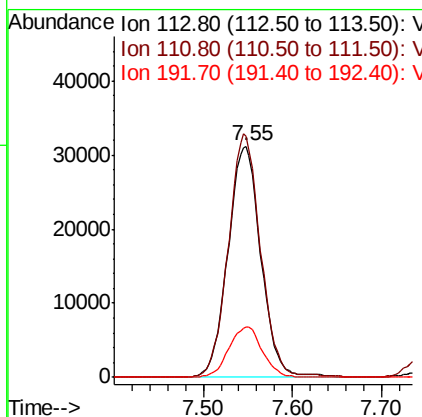
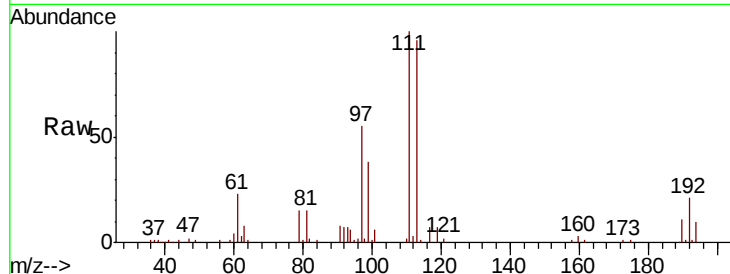




#35
 Dibromofluoromethane
 Concen: 50.764 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN063084.D
 Acq: 21 Aug 2020 16:39

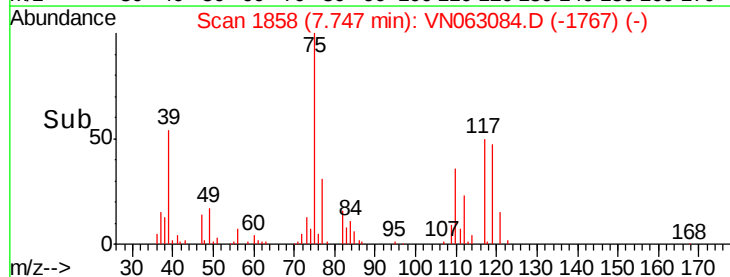
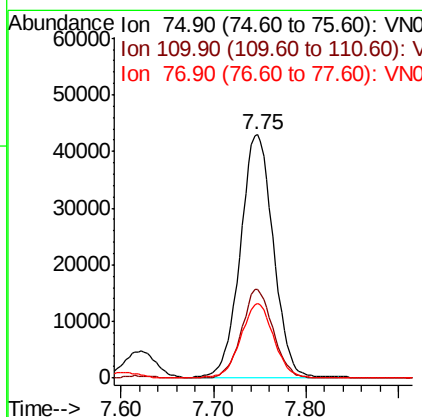
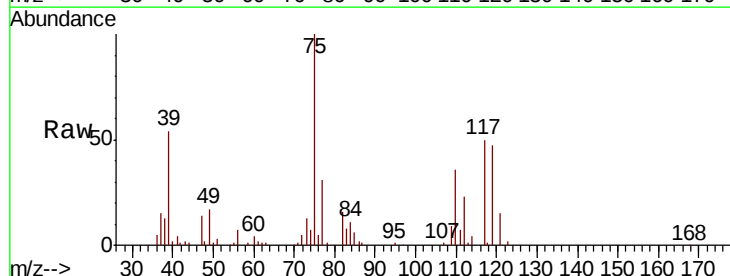
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

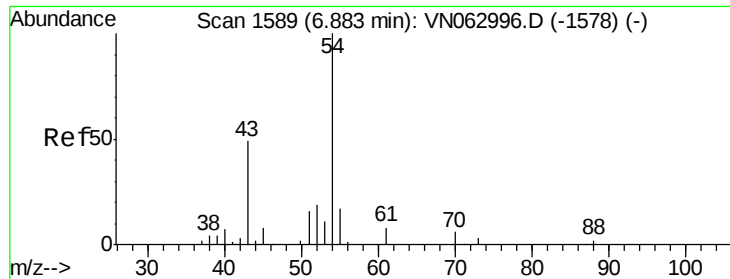
Tot Ion:113 Resp: 79703
 Ion Ratio Lower Upper
 113 100
 111 102.8 81.7 122.5
 192 22.1 17.5 26.3



#36
 1,1-Dichloropropene
 Concen: 50.200 ug/l
 RT: 7.75 min Scan# 1858
 Delta R.T. -0.01 min
 Lab File: VN063084.D
 Acq: 21 Aug 2020 16:39

Tgt Ion: 75 Resp: 106597
 Ion Ratio Lower Upper
 75 100
 110 34.6 17.5 52.6
 77 30.6 24.2 36.4

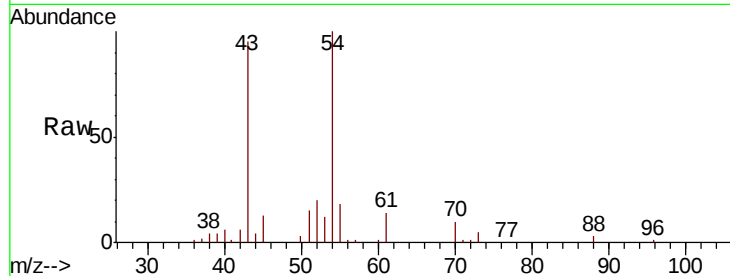




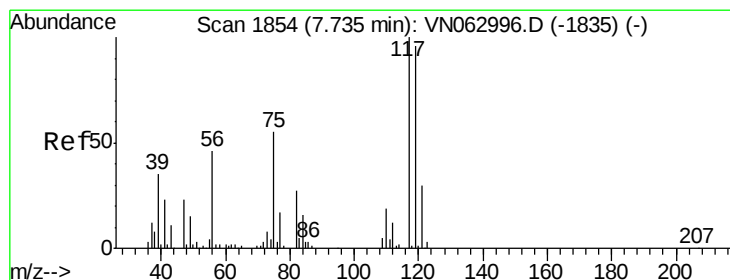
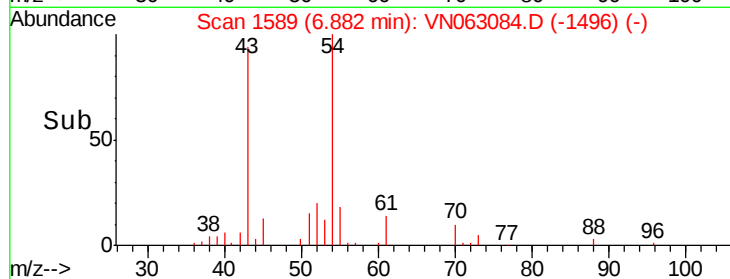
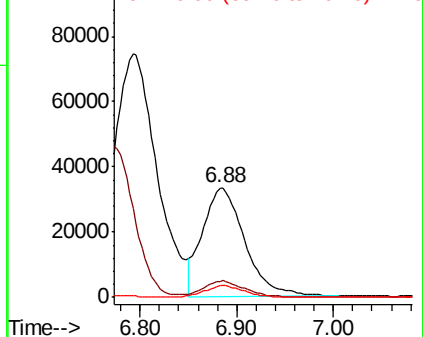
#37
Ethyl Acetate
Concen: 50.704 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. -0.00 min
Lab File: VN063084.D
Acq: 21 Aug 2020 16:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 100884
Ion Ratio Lower Upper
43 100
61 15.1 11.8 17.8
70 10.0 8.2 12.2

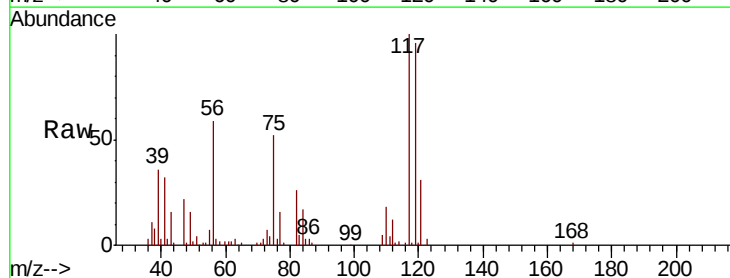


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

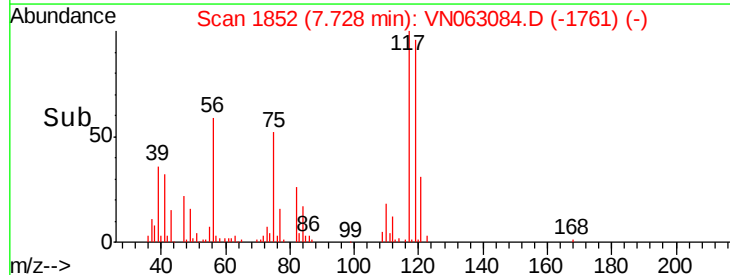
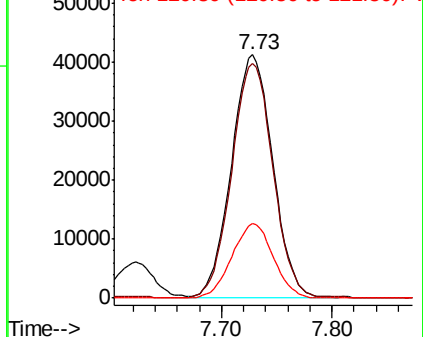


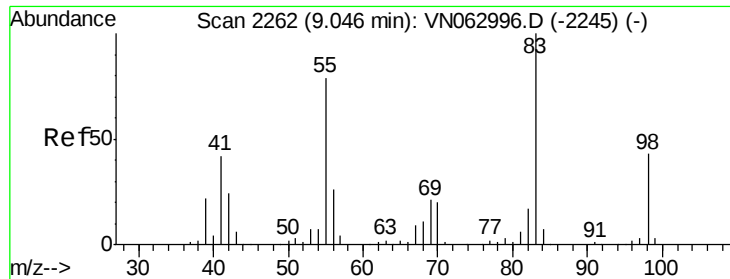
#38
Carbon Tetrachloride
Concen: 49.628 ug/l
RT: 7.73 min Scan# 1852
Delta R.T. -0.01 min
Lab File: VN063084.D
Acq: 21 Aug 2020 16:39

Tgt Ion: 117 Resp: 106391
Ion Ratio Lower Upper
117 100
119 96.3 76.2 114.4
121 30.7 24.2 36.2



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

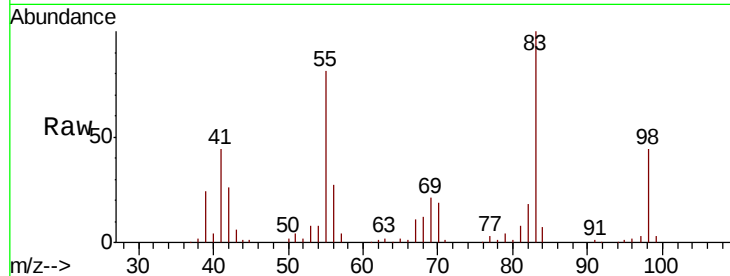




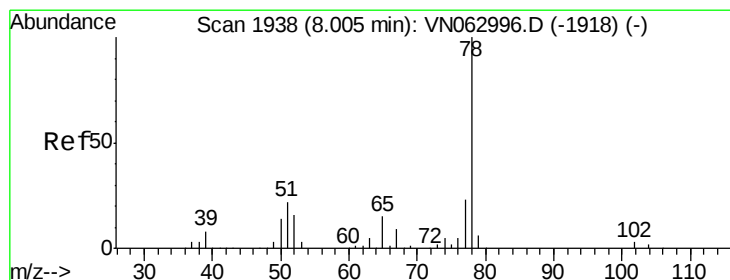
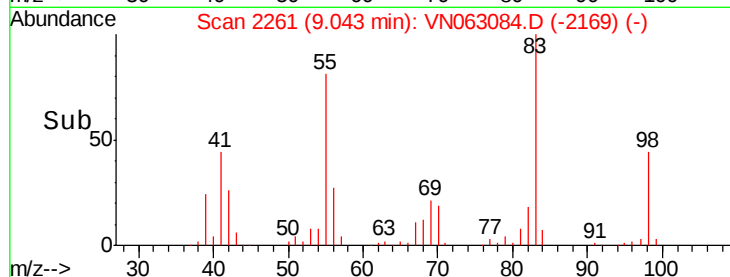
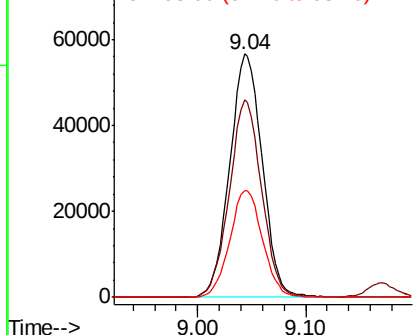
#39
Methvlcvclohexane
Concen: 41.807 ug/l
RT: 9.04 min Scan# 2261
Delta R.T. -0.00 min
Lab File: VN063084.D
Acq: 21 Aug 2020 16:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 119094
Ion Ratio Lower Upper
83 100
55 81.1 63.3 94.9
98 44.0 34.2 51.4

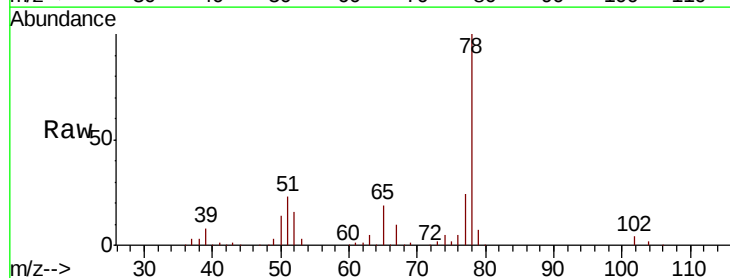


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

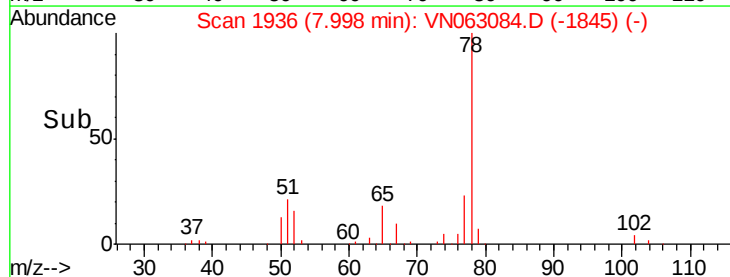
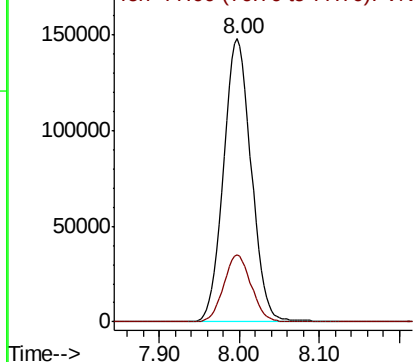


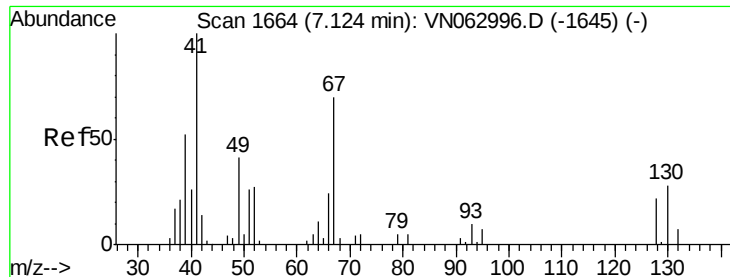
#40
Benzene
Concen: 52.077 ug/l
RT: 8.00 min Scan# 1936
Delta R.T. -0.01 min
Lab File: VN063084.D
Acq: 21 Aug 2020 16:39

Tgt Ion: 78 Resp: 350725
Ion Ratio Lower Upper
78 100
77 23.8 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

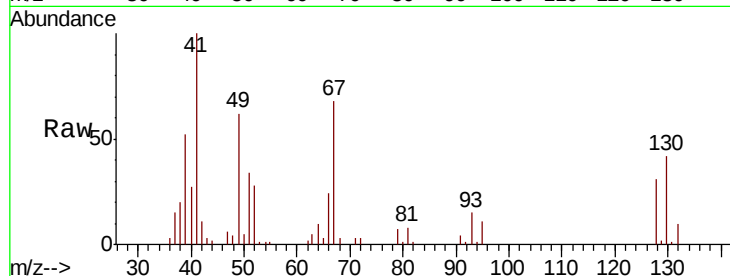




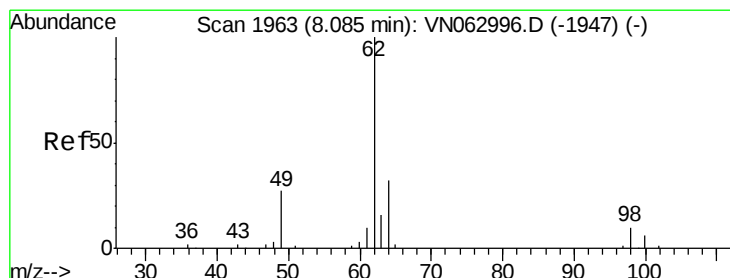
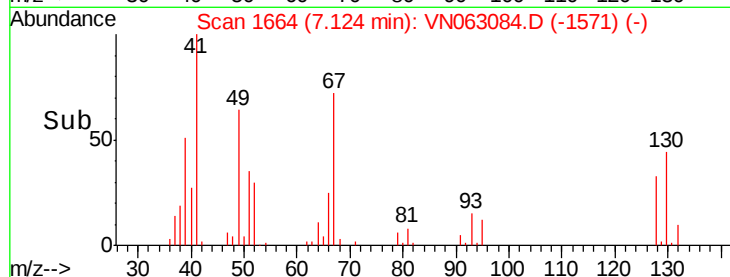
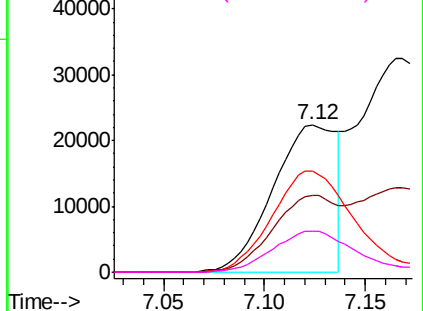
#41
Methacrylonitrile
Concen: 51.497 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. -0.00 min
Lab File: VN063084.D
Acq: 21 Aug 2020 16:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	48818
Ion	Ratio	Lower	Upper
41	100		
39	55.5	41.6	62.4
67	90.0	71.8	107.8
52	37.2	28.2	42.4

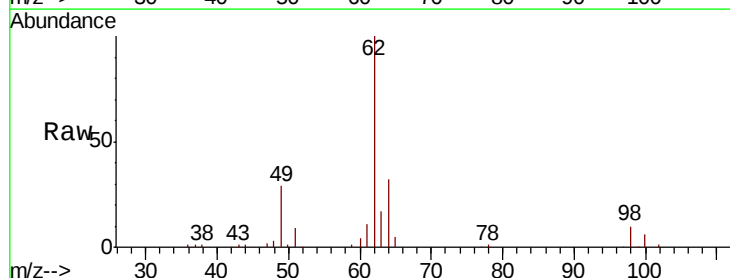


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

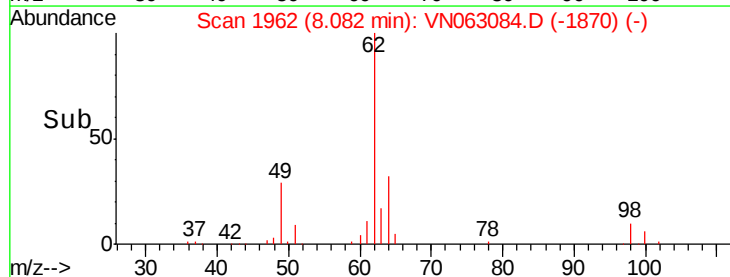
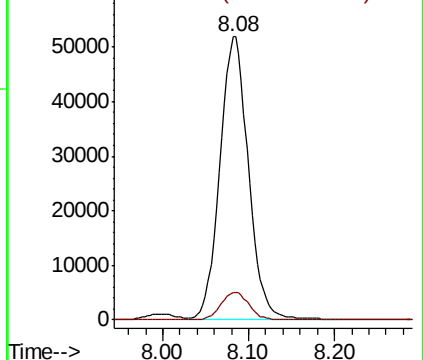


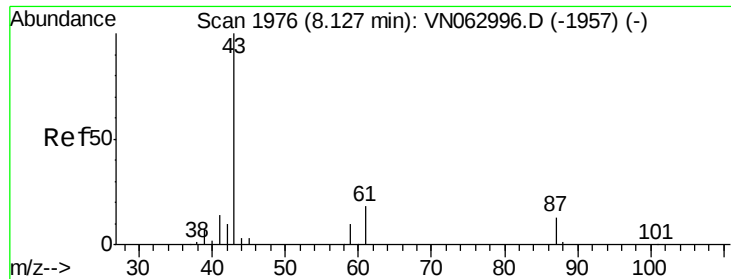
#42
1,2-Dichloroethane
Concen: 53.197 ug/l
RT: 8.08 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VN063084.D
Acq: 21 Aug 2020 16:39

Tgt Ion:	62	Resp:	120297
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	18.4



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 51.748 ug/l

RT: 8.13 min Scan# 1977

Delta R.T. 0.00 min

Lab File: VN063084.D

Acq: 21 Aug 2020 16:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

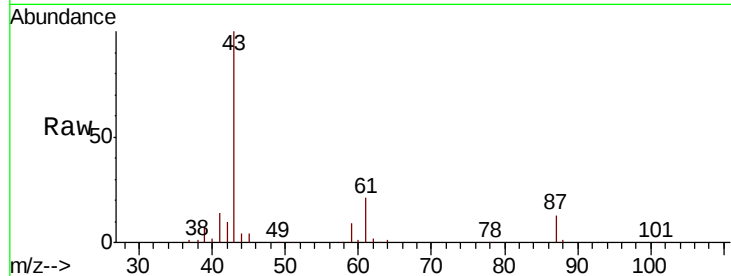
Tot Ion: 43 Resp: 170575

Ion Ratio Lower Upper

43 100

61 21.0 22.6 33.8#

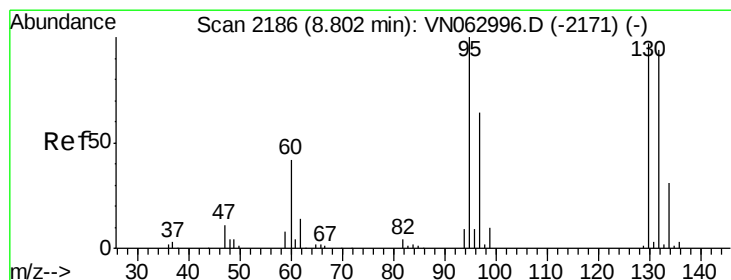
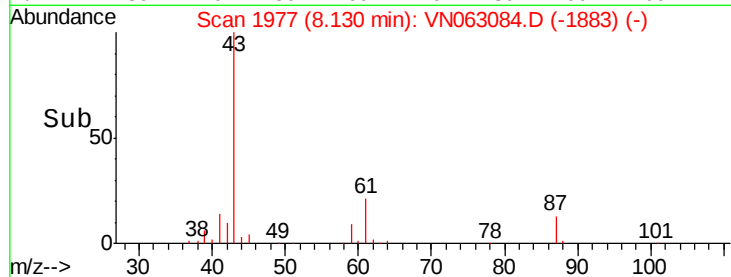
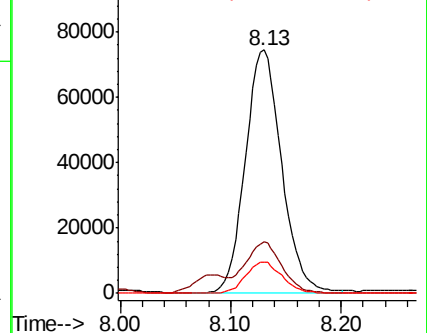
87 12.9 10.5 15.7



Abundance Ion 43.00 (42.70 to 43.70): VN062996.D (-1957) (-)

Ion 61.00 (60.70 to 61.70): VN062996.D (-1957) (-)

Ion 87.00 (86.70 to 87.70): VN062996.D (-1957) (-)



#44

Trichloroethene

Concen: 49.311 ug/l

RT: 8.80 min Scan# 2185

Delta R.T. -0.00 min

Lab File: VN063084.D

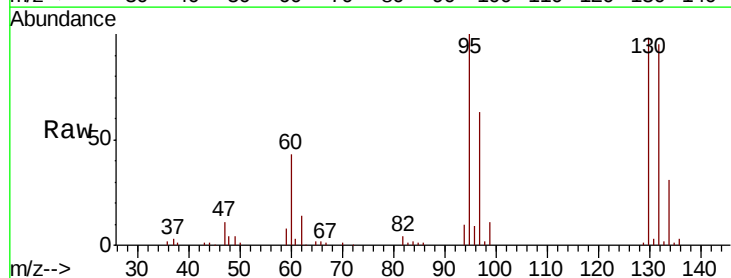
Acq: 21 Aug 2020 16:39

Tgt Ion: 130 Resp: 82608

Ion Ratio Lower Upper

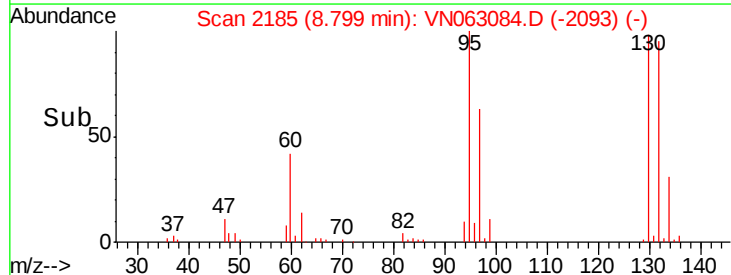
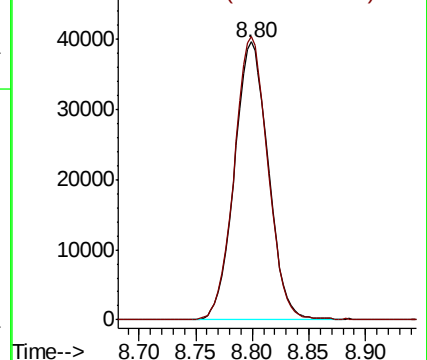
130 100

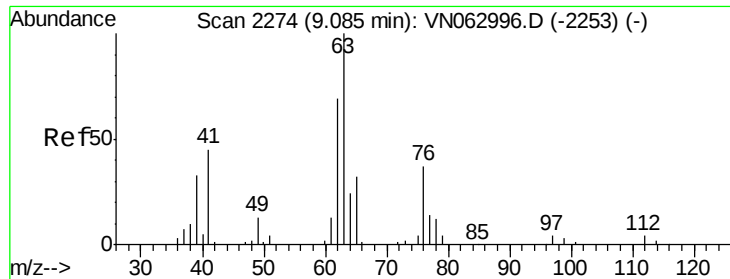
95 101.8 0.0 205.6



Abundance Ion 129.80 (129.50 to 130.50): VN062996.D (-2171) (-)

Ion 94.90 (94.60 to 95.60): VN062996.D (-2171) (-)





#45

1,2-Dichloropropane

Concen: 53.334 ug/l

RT: 9.08 min Scan# 2274

Delta R.T. -0.00 min

Lab File: VN063084.D

Acq: 21 Aug 2020 16:39

Instrument :

MSVOA_N

ClientSampleId :

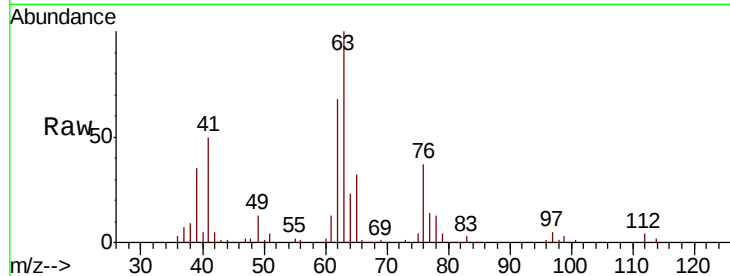
VSTDCCC050EC

Tot Ion: 63 Resp: 103828

Ion Ratio Lower Upper

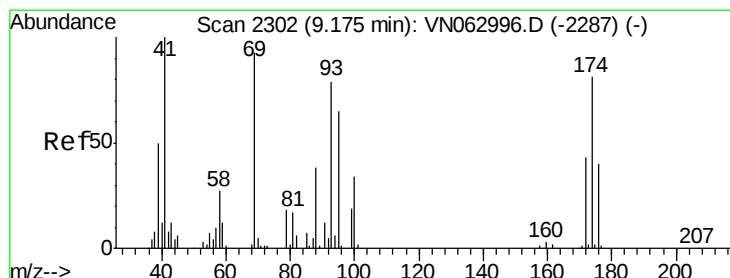
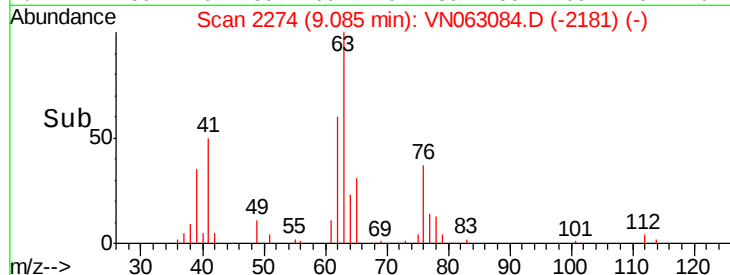
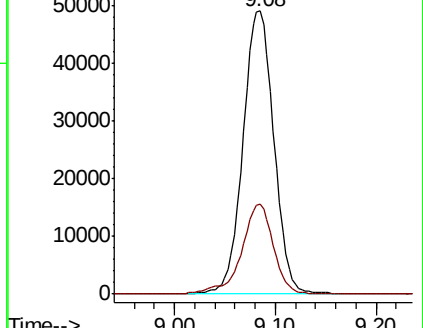
63 100

65 31.8 25.6 38.4



Abundance Ion 62.90 (62.60 to 63.60): VN062996.D (-2253) (-)

Ion 64.90 (64.60 to 65.60): VN062996.D (-2253) (-)



#46

Dibromomethane

Concen: 52.417 ug/l

RT: 9.17 min Scan# 2302

Delta R.T. -0.00 min

Lab File: VN063084.D

Acq: 21 Aug 2020 16:39

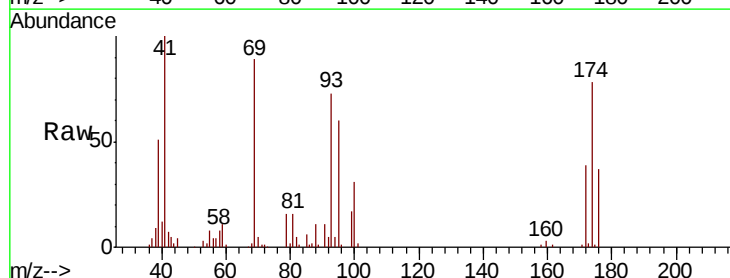
Tgt Ion: 93 Resp: 58949

Ion Ratio Lower Upper

93 100

95 83.9 66.2 99.4

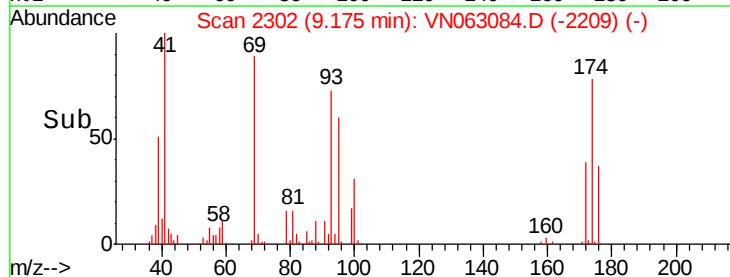
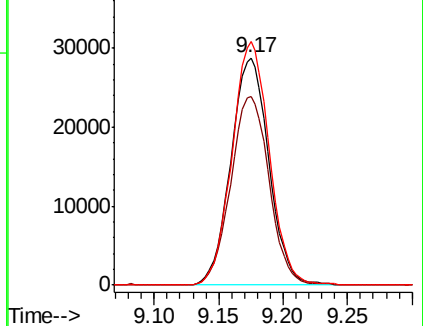
174 105.2 84.6 127.0

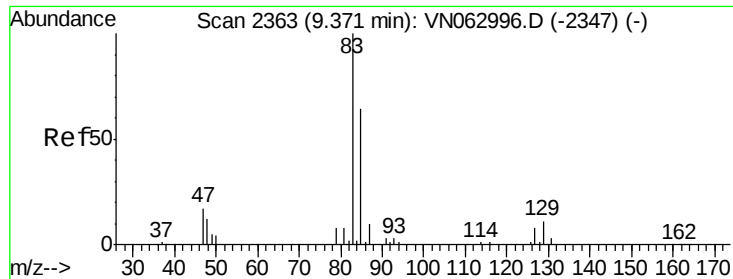


Abundance Ion 92.80 (92.50 to 93.50): VN062996.D (-2287) (-)

Ion 94.80 (94.50 to 95.50): VN062996.D (-2287) (-)

Ion 173.70 (173.40 to 174.40): VN062996.D (-2287) (-)





#47

Bromodichloromethane

Concen: 52.609 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. -0.00 min

Lab File: VN063084.D

Acq: 21 Aug 2020 16:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

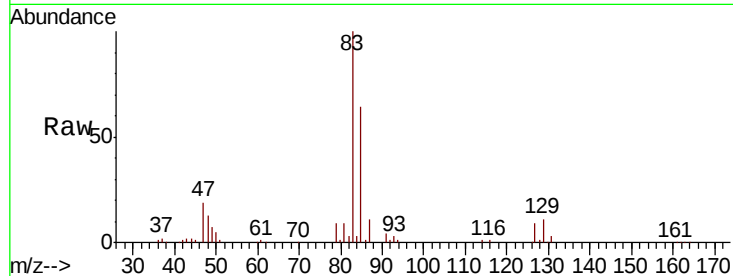
Tot Ion: 83 Resp: 129585

Ion Ratio Lower Upper

83 100

85 63.9 51.1 76.7

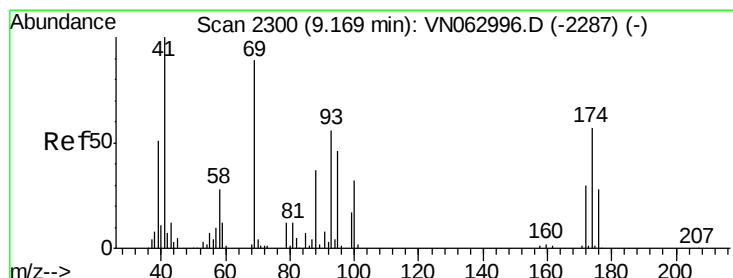
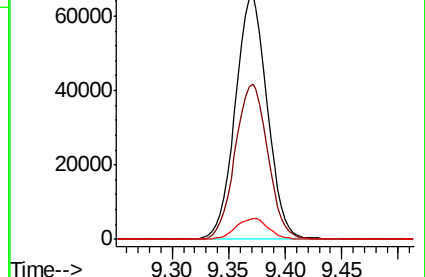
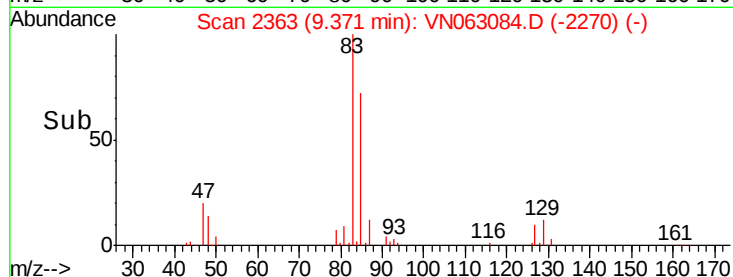
127 8.5 6.6 9.8



Abundance Ion 82.90 (82.60 to 83.60): VN062996.D (-2347) (-)

Ion 84.90 (84.60 to 85.60): VN062996.D (-2347) (-)

Ion 126.80 (126.50 to 127.50): VN062996.D (-2347) (-)



#48

Methyl methacrylate

Concen: 53.316 ug/l

RT: 9.17 min Scan# 2301

Delta R.T. 0.00 min

Lab File: VN063084.D

Acq: 21 Aug 2020 16:39

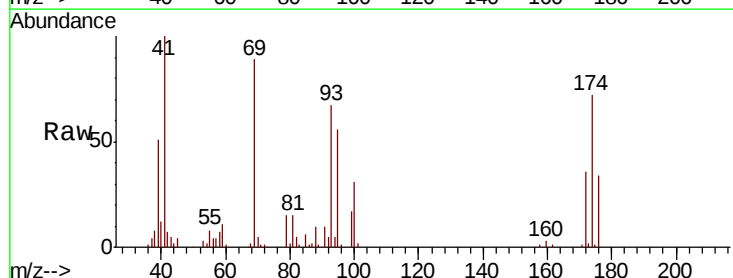
Tgt Ion: 41 Resp: 83153

Ion Ratio Lower Upper

41 100

69 90.6 74.2 111.4

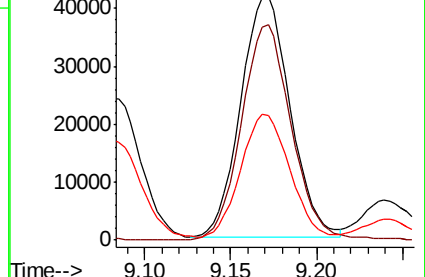
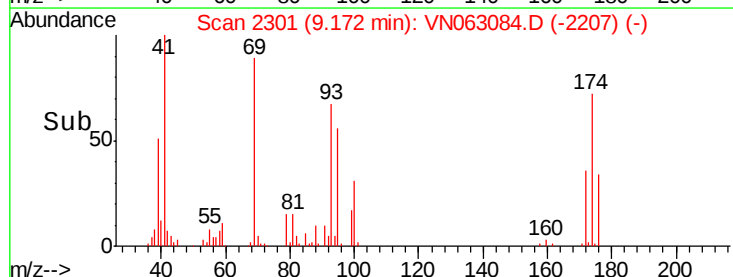
39 52.9 42.5 63.7

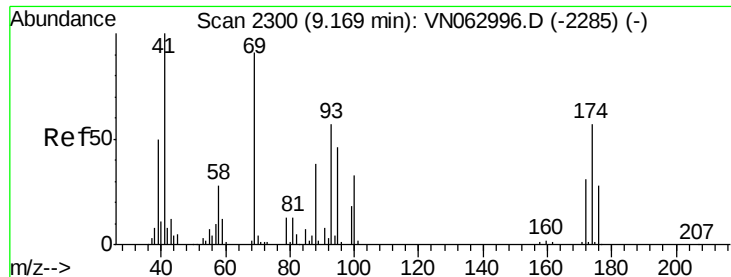


Abundance Ion 41.00 (40.70 to 41.70): VN062996.D (-2287) (-)

Ion 69.00 (68.70 to 69.70): VN062996.D (-2287) (-)

Ion 39.00 (38.70 to 39.70): VN062996.D (-2287) (-)

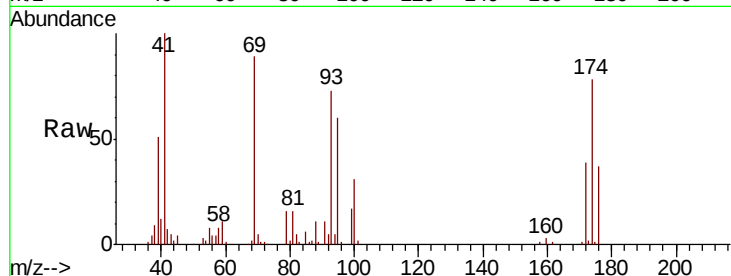




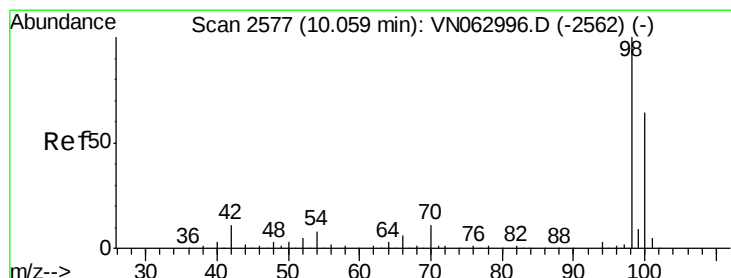
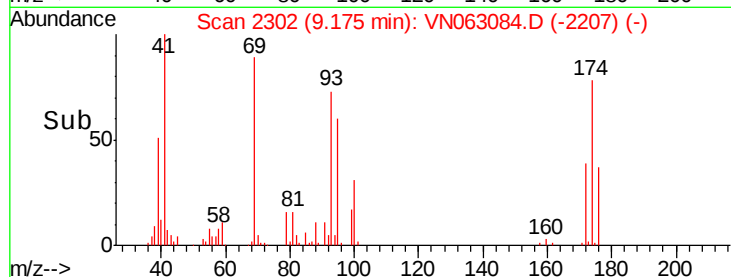
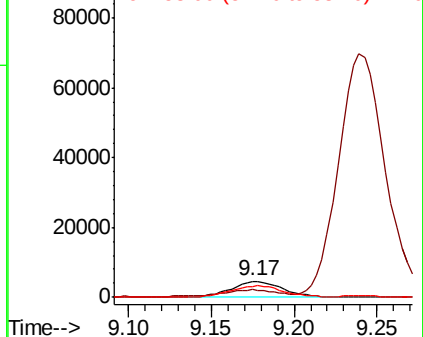
#49
 1,4-Dioxane
 Concen: 295.238 ug/l
 RT: 9.17 min Scan# 2302
 Delta R.T. 0.01 min
 Lab File: VN063084.D
 Acq: 21 Aug 2020 16:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 88 Resp: 9757
 Ion Ratio Lower Upper
 88 100
 43 44.7 25.2 37.8#
 58 77.1 56.7 85.1

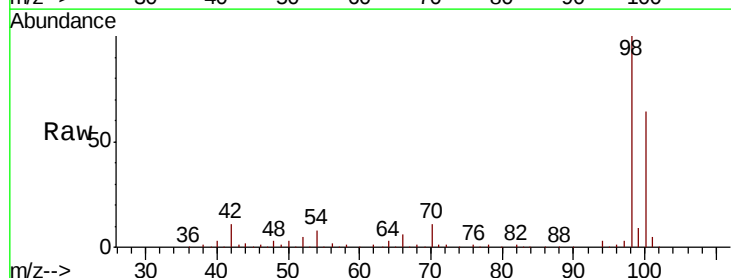


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

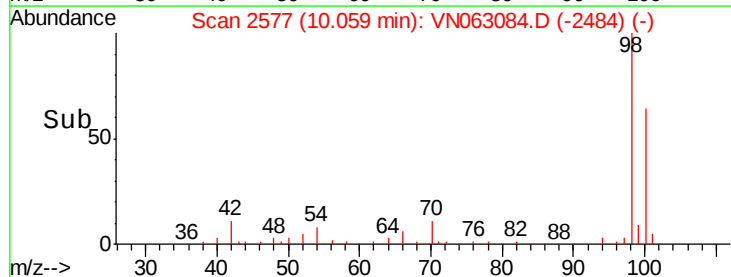
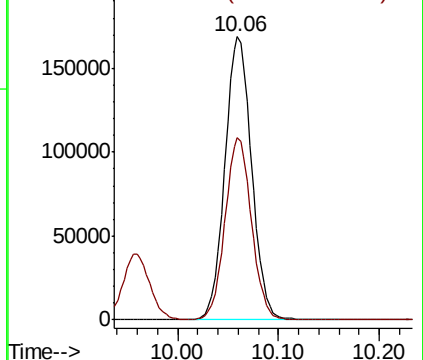


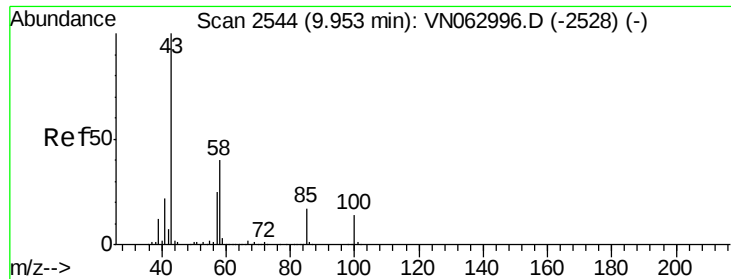
#50
 Toluene-d8
 Concen: 51.788 ug/l
 RT: 10.06 min Scan# 2577
 Delta R.T. -0.00 min
 Lab File: VN063084.D
 Acq: 21 Aug 2020 16:39

Tgt Ion: 98 Resp: 312316
 Ion Ratio Lower Upper
 98 100
 100 63.4 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0
 Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 255.563 ug/l

RT: 9.96 min Scan# 2545

Delta R.T. 0.00 min

Lab File: VN063084.D

Acq: 21 Aug 2020 16:39

Instrument :

MSVOA_N

ClientSampleId :

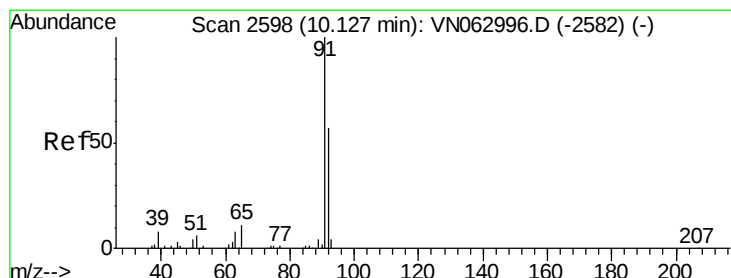
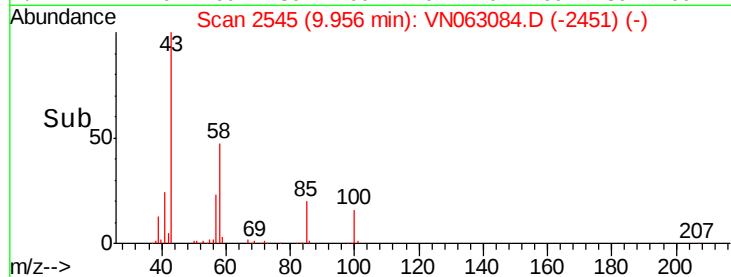
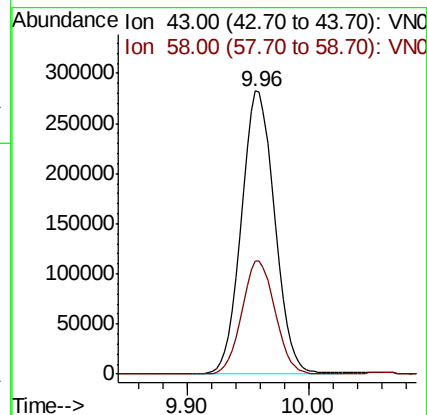
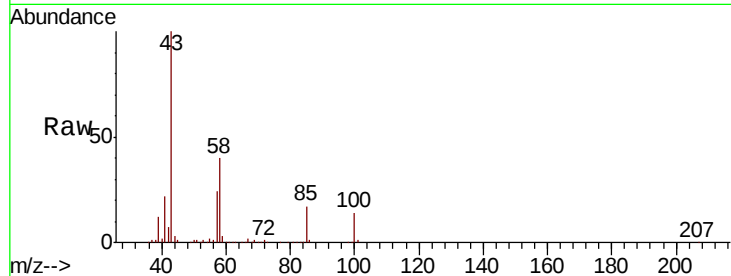
VSTDCCC050EC

Tot Ion: 43 Resp: 532475

Ion Ratio Lower Upper

43 100

58 39.9 32.2 48.2



#52

Toluene

Concen: 53.208 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN063084.D

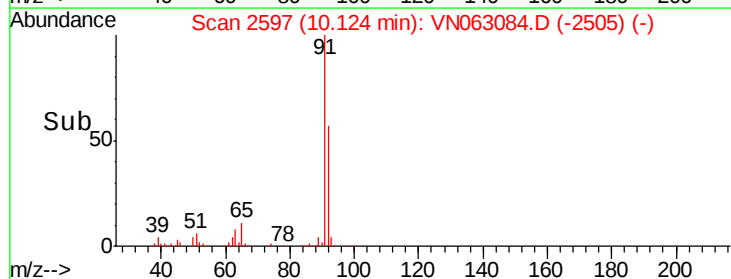
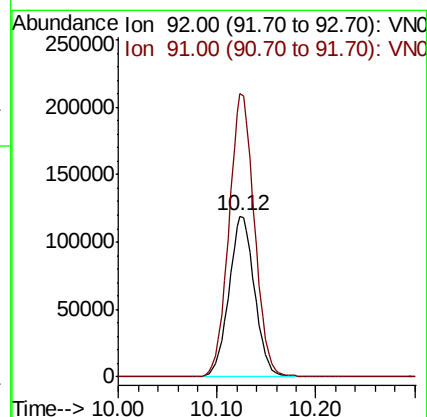
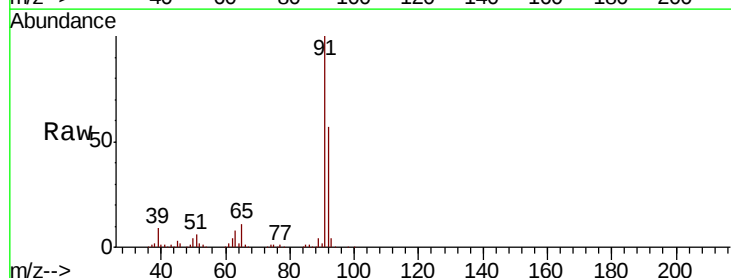
Acq: 21 Aug 2020 16:39

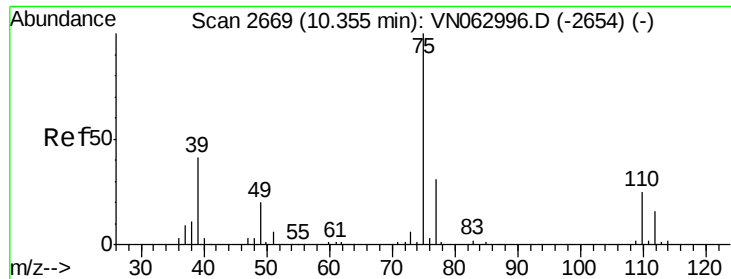
Tgt Ion: 92 Resp: 216164

Ion Ratio Lower Upper

92 100

91 176.0 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 53.780 ug/l

RT: 10.36 min Scan# 2669

Delta R.T. -0.00 min

Lab File: VN063084.D

Acq: 21 Aug 2020 16:39

Instrument :

MSVOA_N

ClientSampleId :

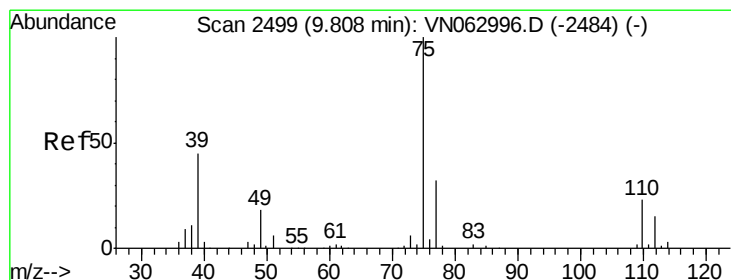
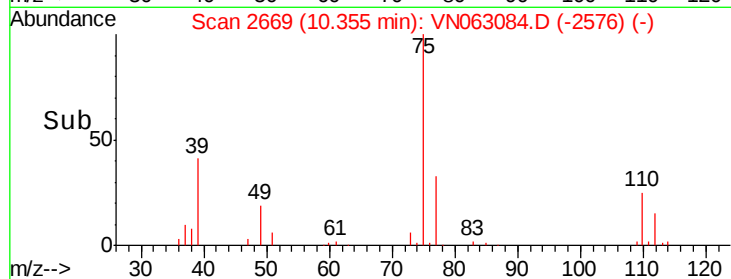
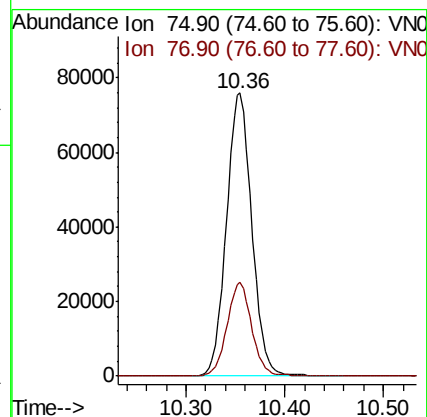
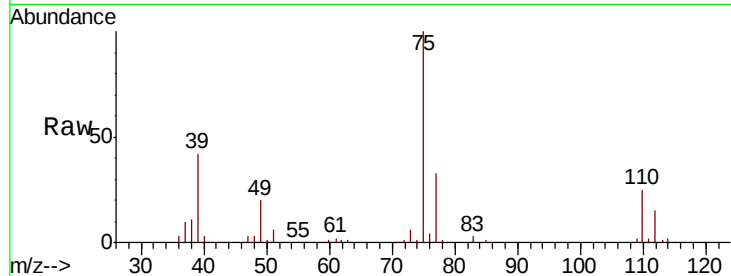
VSTDCCC050EC

Tot Ion: 75 Resp: 136990

Ion Ratio Lower Upper

75 100

77 33.1 24.6 37.0



#54

cis-1,3-Dichloropropene

Concen: 54.623 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN063084.D

Acq: 21 Aug 2020 16:39

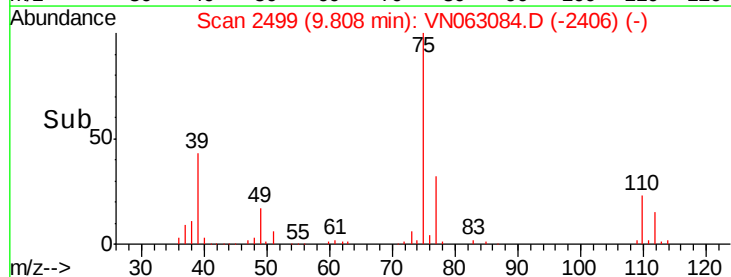
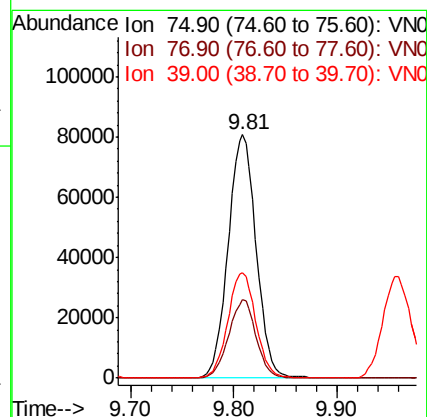
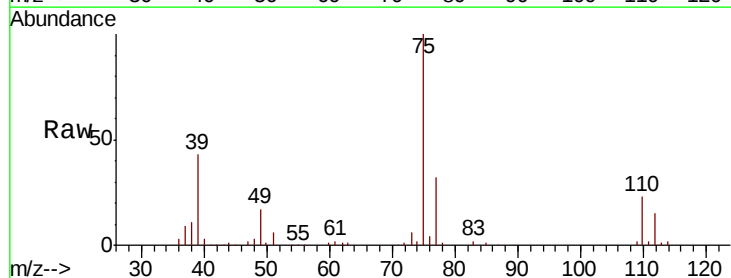
Tgt Ion: 75 Resp: 152631

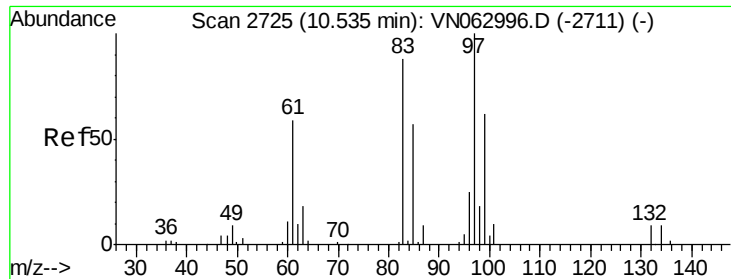
Ion Ratio Lower Upper

75 100

77 32.1 25.4 38.2

39 43.5 35.7 53.5

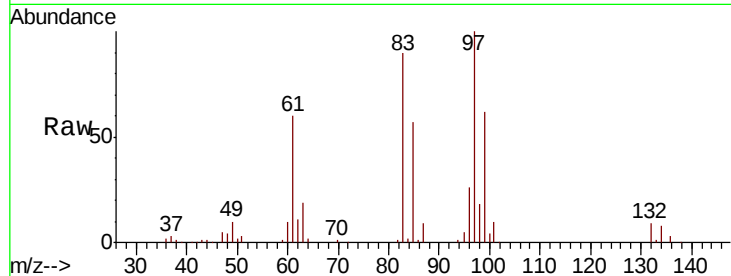




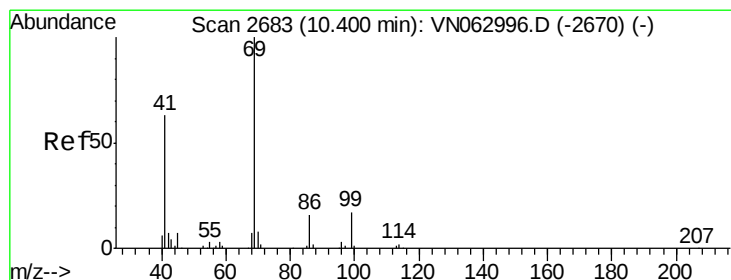
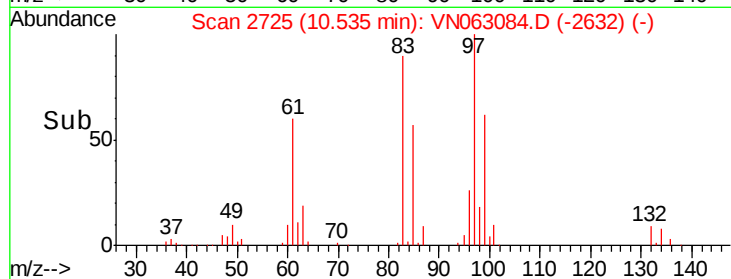
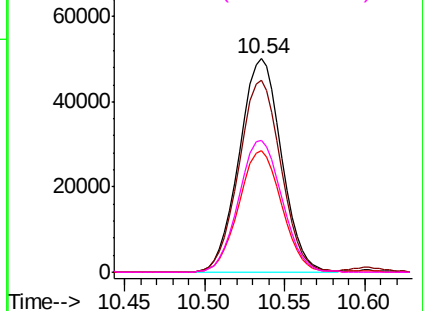
#55
 1,1,2-Trichloroethane
 Concen: 52.105 ug/l
 RT: 10.54 min Scan# 2725
 Delta R.T. -0.00 min
 Lab File: VN063084.D
 Acq: 21 Aug 2020 16:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	90514
Ion	Ratio	Lower	Upper
97	100		
83	89.7	70.5	105.7
85	57.0	45.8	68.6
99	62.0	49.7	74.5

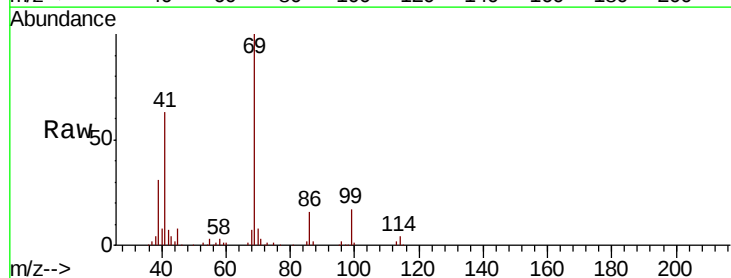


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

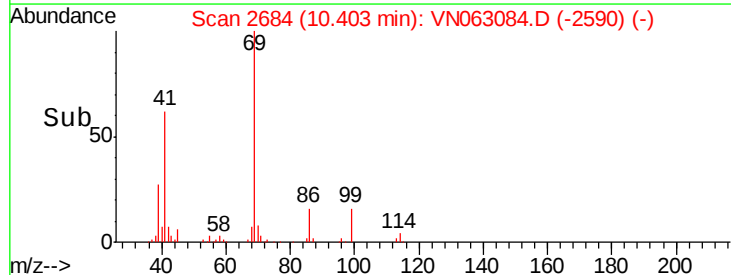
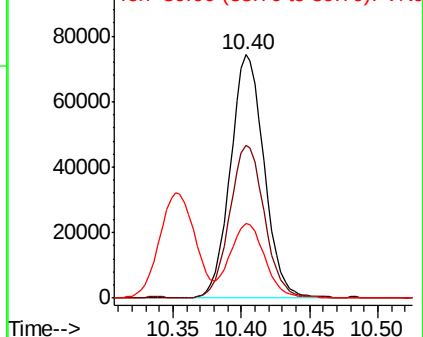


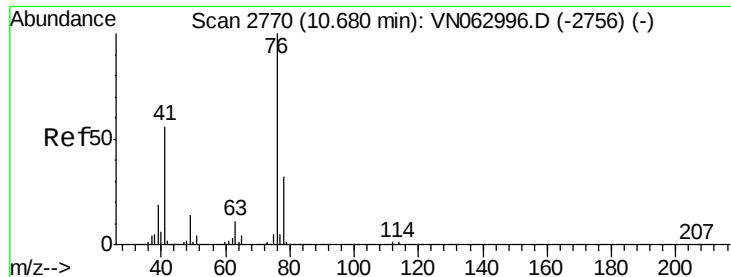
#56
 Ethyl methacrylate
 Concen: 47.674 ug/l
 RT: 10.40 min Scan# 2684
 Delta R.T. 0.00 min
 Lab File: VN063084.D
 Acq: 21 Aug 2020 16:39

Tgt Ion:	69	Resp:	127683
Ion	Ratio	Lower	Upper
69	100		
41	64.0	50.2	75.2
39	31.3	24.2	36.4



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





#57

1,3-Dichloropropane

Concen: 53.323 ug/l

RT: 10.68 min Scan# 2770

Delta R.T. -0.00 min

Lab File: VN063084.D

Acq: 21 Aug 2020 16:39

Instrument :

MSVOA_N

ClientSampleId :

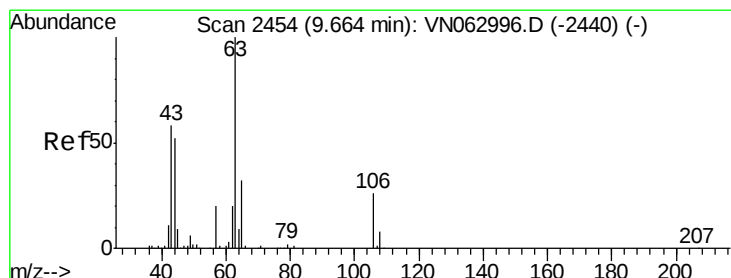
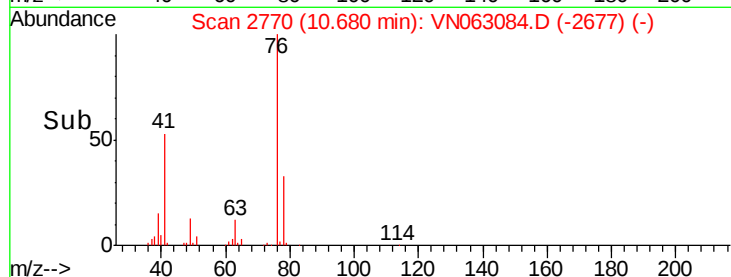
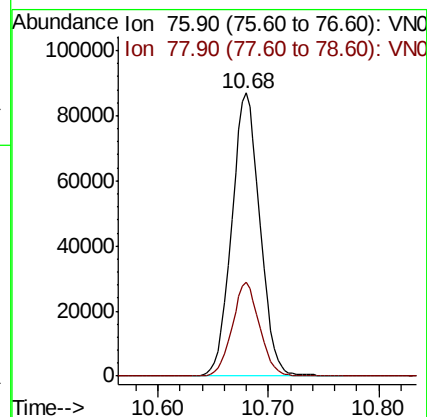
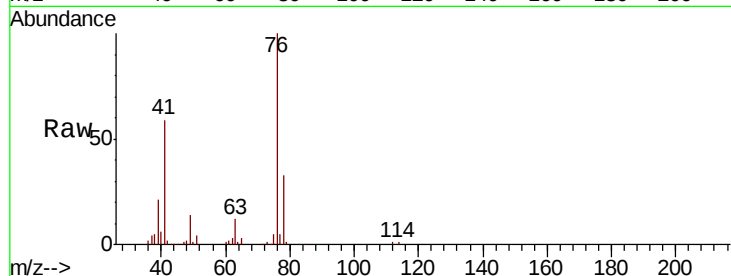
VSTDCCC050EC

Tot Ion: 76 Resp: 153815

Ion Ratio Lower Upper

76 100

78 32.0 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 276.814 ug/l

RT: 9.67 min Scan# 2455

Delta R.T. 0.00 min

Lab File: VN063084.D

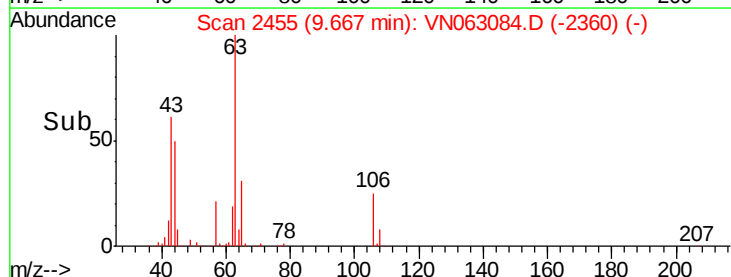
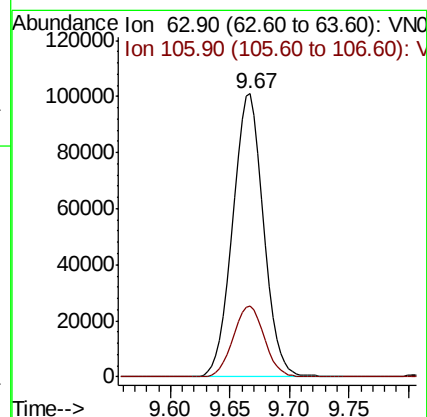
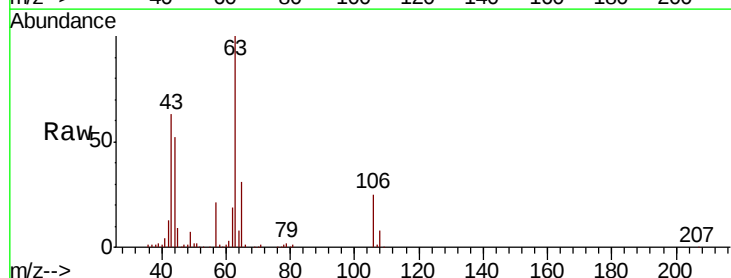
Acq: 21 Aug 2020 16:39

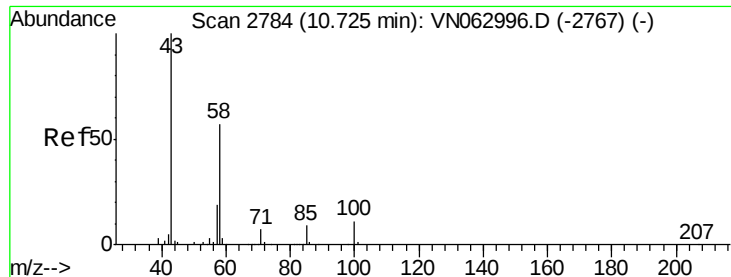
Tgt Ion: 63 Resp: 181456

Ion Ratio Lower Upper

63 100

106 25.3 20.7 31.1

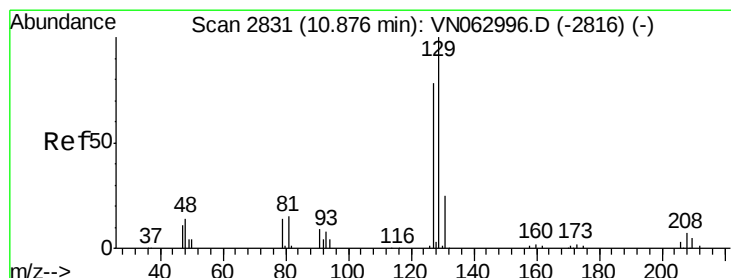
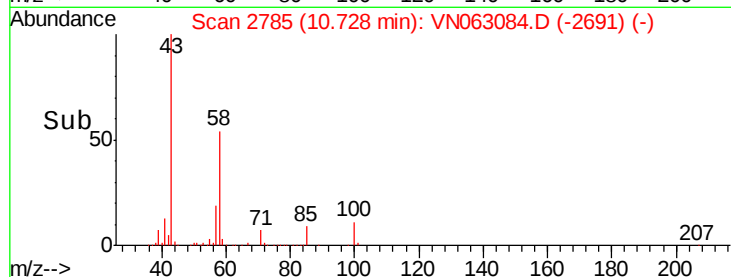
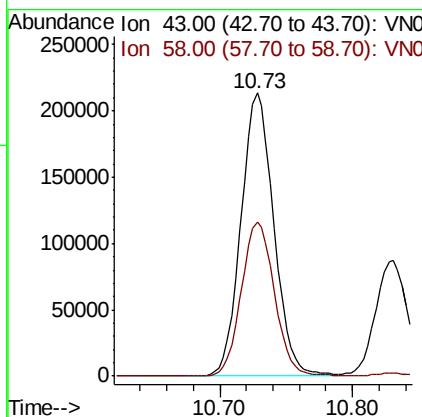
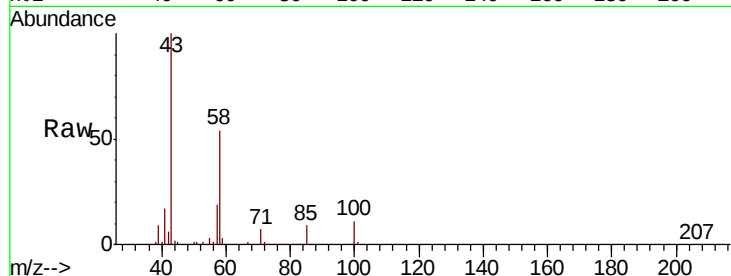




#59
2-Hexanone
Concen: 251.372 ug/l
RT: 10.73 min Scan# 2785
Delta R.T. 0.00 min
Lab File: VN063084.D
Acq: 21 Aug 2020 16:39

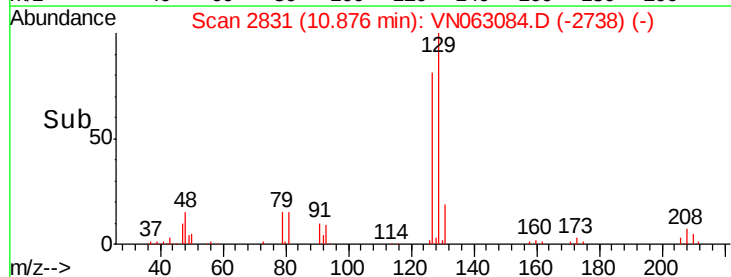
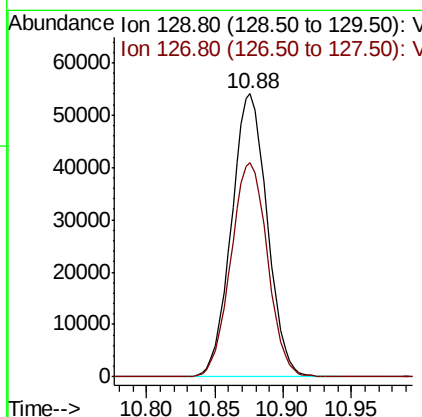
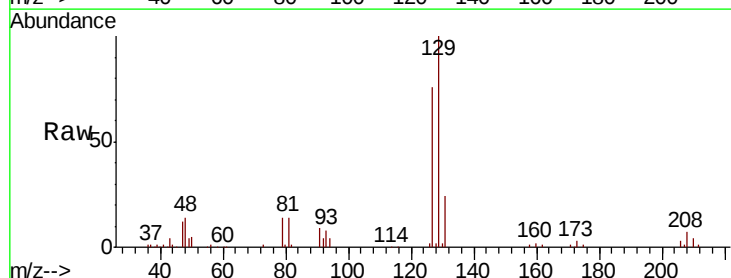
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

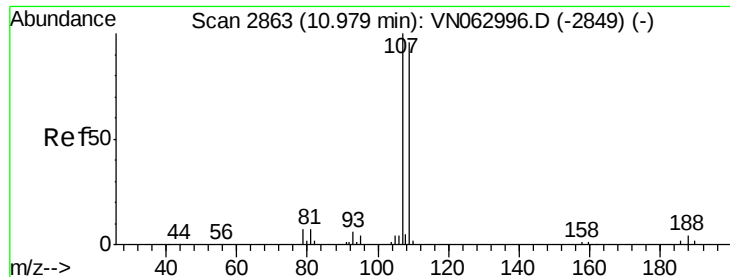
Tot Ion: 43 Resp: 365323
Ion Ratio Lower Upper
43 100
58 55.2 28.1 84.3



#60
Dibromochloromethane
Concen: 51.214 ug/l
RT: 10.88 min Scan# 2831
Delta R.T. -0.00 min
Lab File: VN063084.D
Acq: 21 Aug 2020 16:39

Tgt Ion: 129 Resp: 98455
Ion Ratio Lower Upper
129 100
127 77.5 38.4 115.2

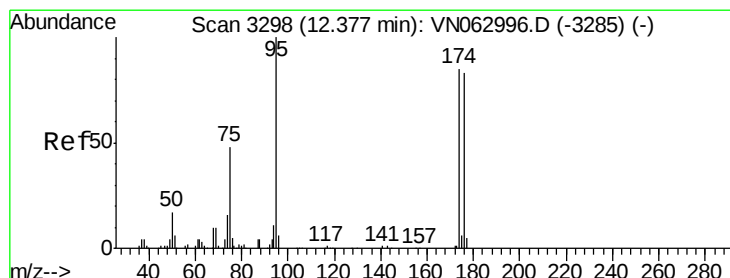
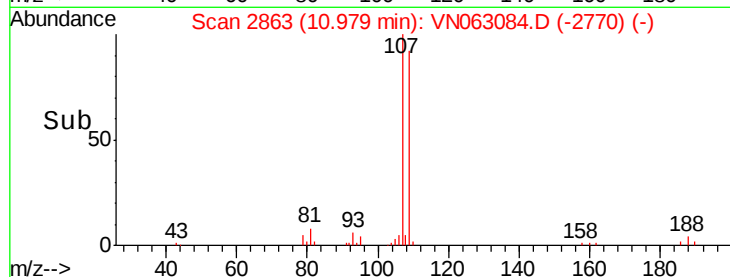
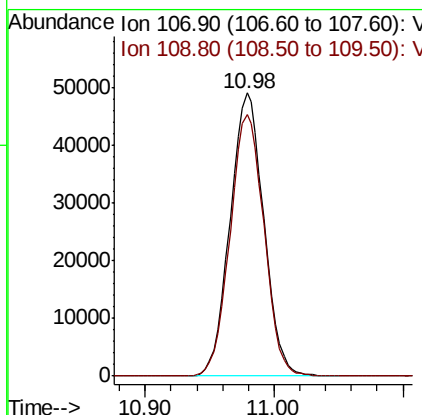
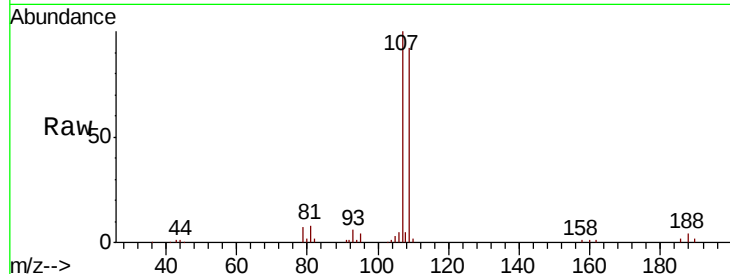




#61
 1,2-Dibromoethane
 Concen: 53.323 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. -0.00 min
 Lab File: VN063084.D
 Acq: 21 Aug 2020 16:39

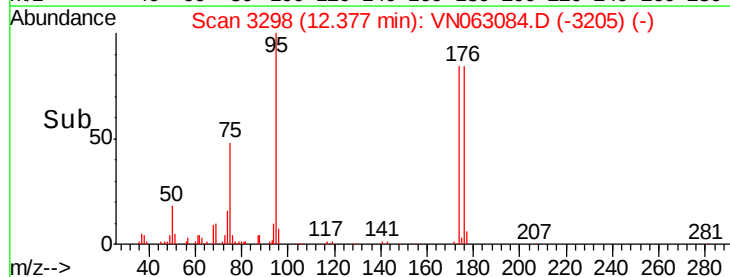
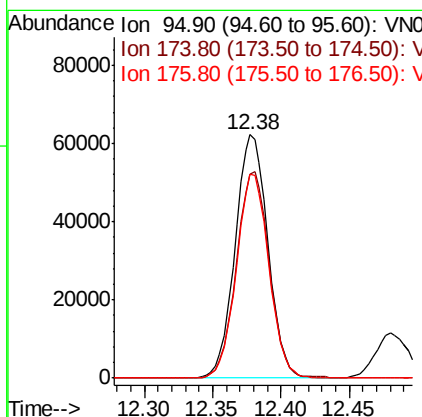
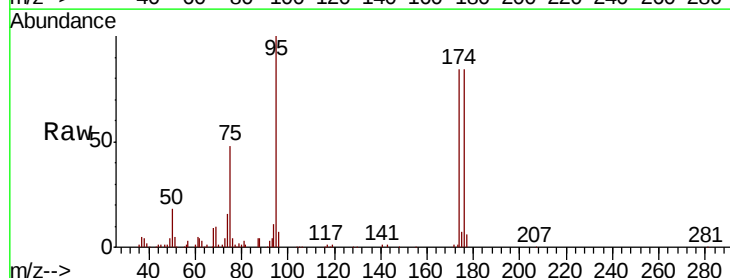
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

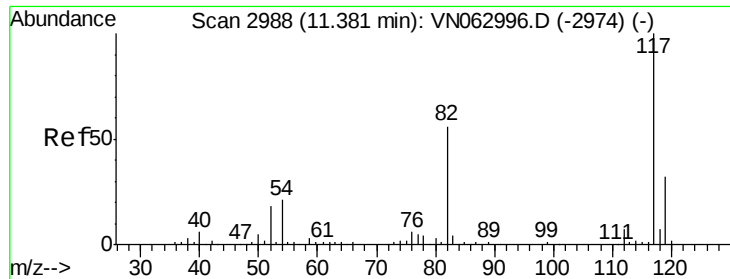
Tot Ion: 107 Resp: 89004
 Ion Ratio Lower Upper
 107 100
 109 93.2 75.7 113.5



#62
 4-Bromofluorobenzene
 Concen: 48.773 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN063084.D
 Acq: 21 Aug 2020 16:39

Tgt Ion: 95 Resp: 103795
 Ion Ratio Lower Upper
 95 100
 174 85.2 0.0 170.8
 176 82.9 0.0 164.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. -0.00 min

Lab File: VN063084.D

Acq: 21 Aug 2020 16:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

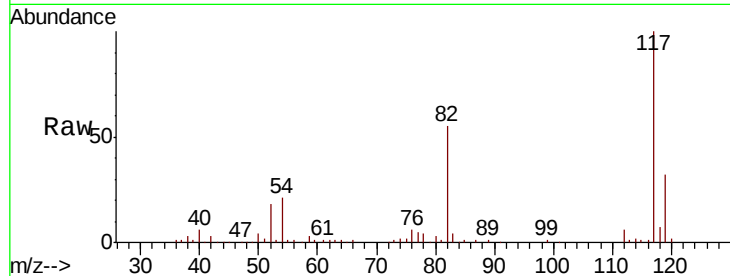
Tot Ion:117 Resp: 224911

Ion Ratio Lower Upper

117 100

82 55.5 44.5 66.7

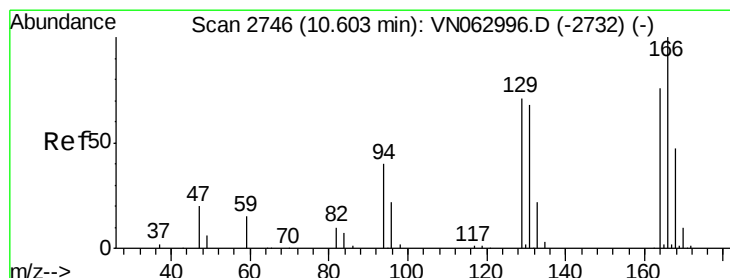
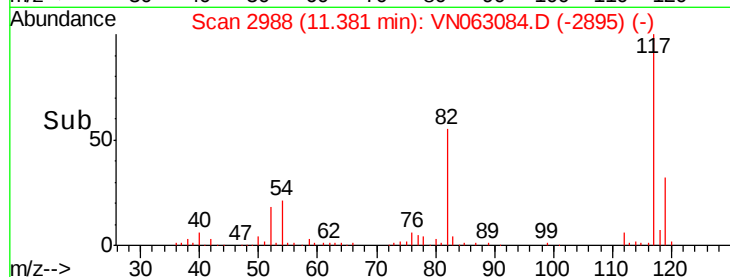
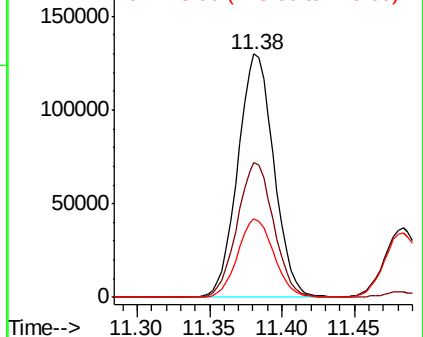
119 32.4 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 48.818 ug/l

RT: 10.60 min Scan# 2746

Delta R.T. -0.00 min

Lab File: VN063084.D

Acq: 21 Aug 2020 16:39

Tgt Ion:164 Resp: 72174

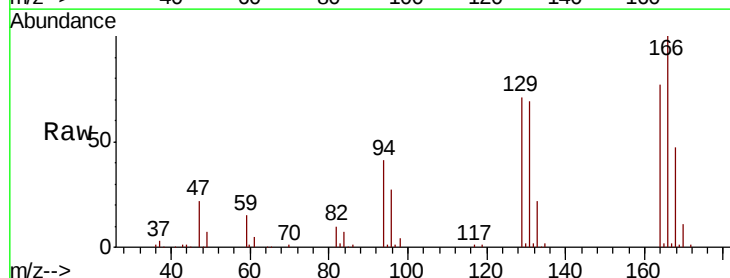
Ion Ratio Lower Upper

164 100

166 129.4 105.0 157.6

129 91.3 74.7 112.1

131 88.9 71.0 106.4

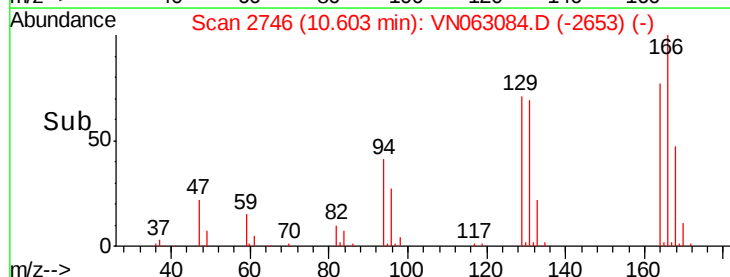
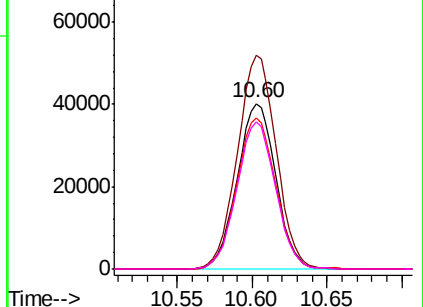


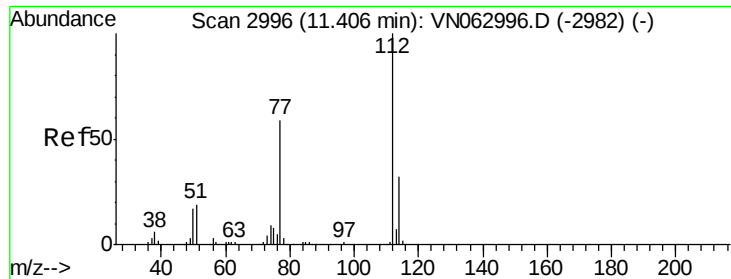
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

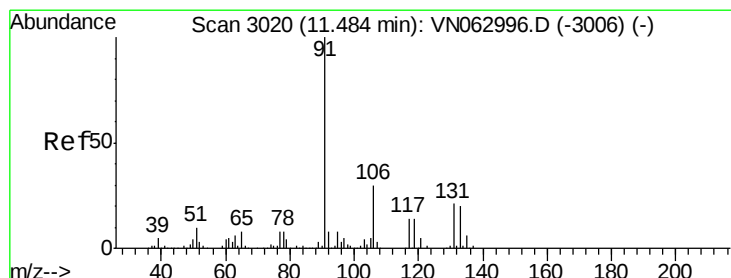
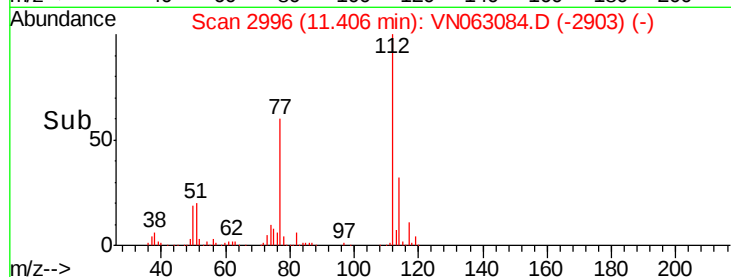
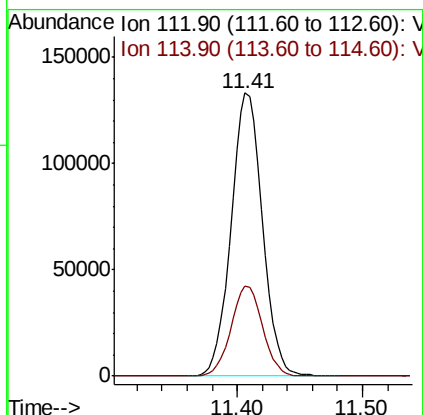
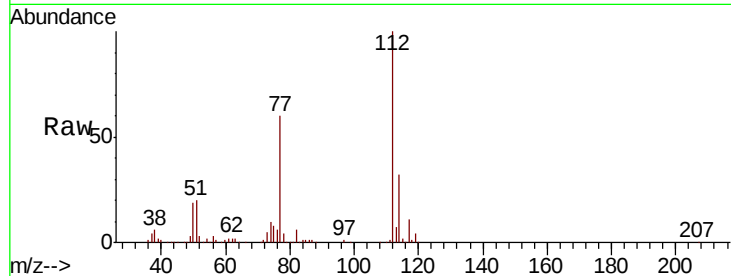




#65
Chlorobenzene
Concen: 51.121 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN063084.D
Acq: 21 Aug 2020 16:39

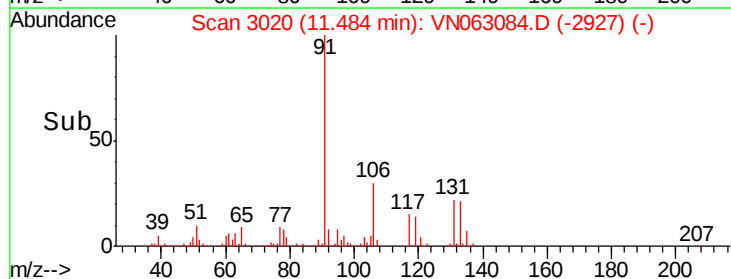
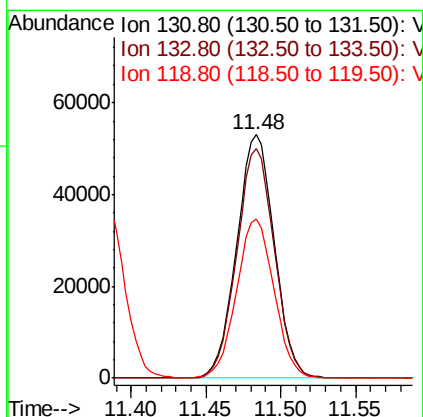
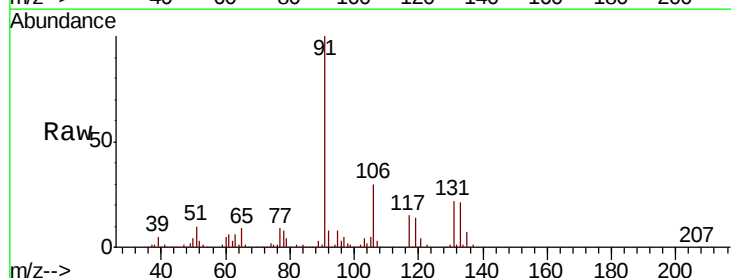
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

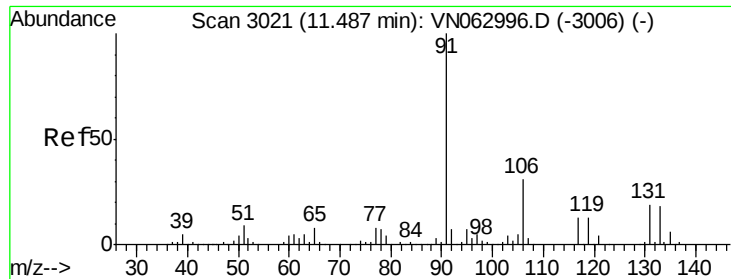
Tot Ion:112 Resp: 230915
Ion Ratio Lower Upper
112 100
114 31.7 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 52.710 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN063084.D
Acq: 21 Aug 2020 16:39

Tgt Ion:131 Resp: 92609
Ion Ratio Lower Upper
131 100
133 94.5 47.5 142.6
119 65.4 33.1 99.3

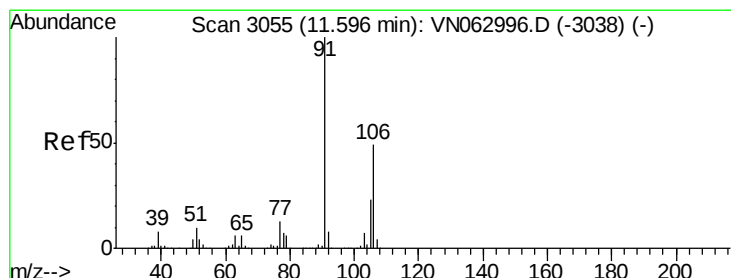
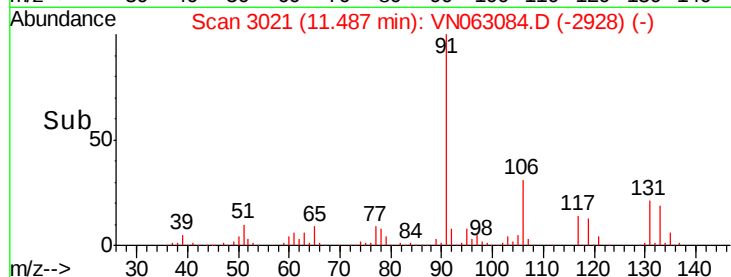
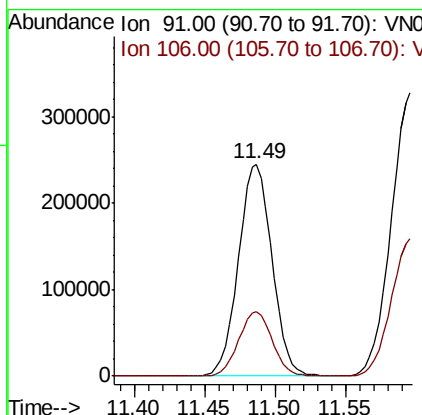
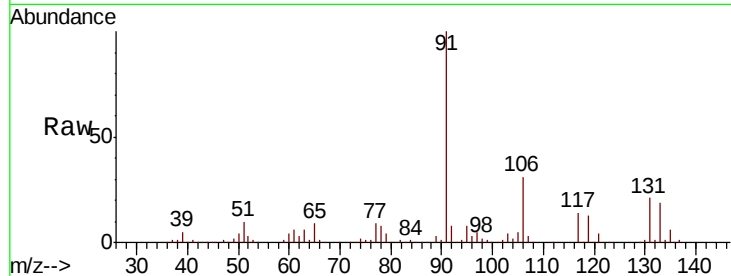




#67
Ethyl Benzene
Concen: 53.606 ug/l
RT: 11.49 min Scan# 3021
Delta R.T. -0.00 min
Lab File: VN063084.D
Acq: 21 Aug 2020 16:39

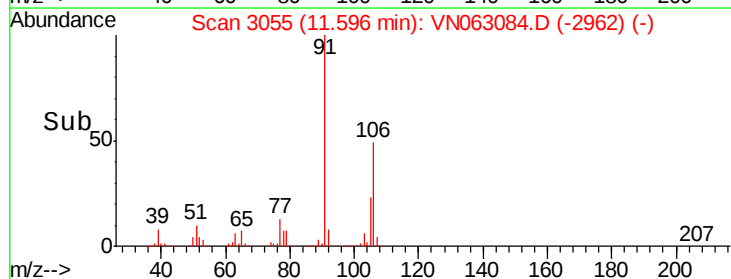
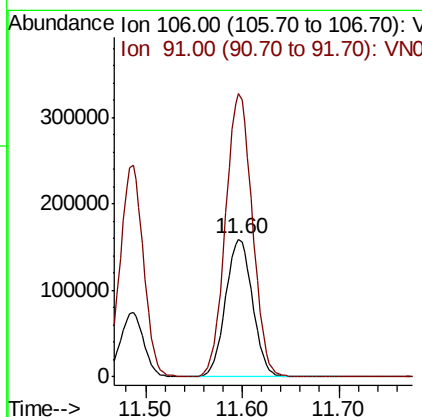
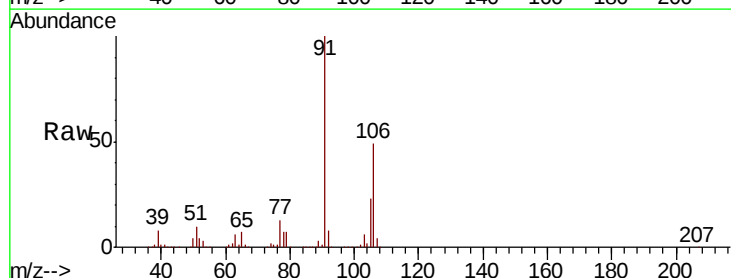
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

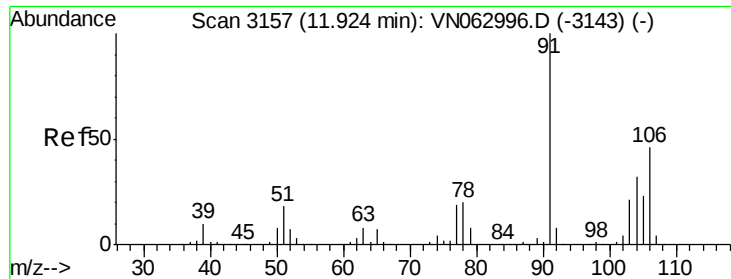
Tot Ion: 91 Resp: 409149
Ion Ratio Lower Upper
91 100
106 30.6 24.6 37.0



#68
m/p-Xylenes
Concen: 108.831 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. -0.00 min
Lab File: VN063084.D
Acq: 21 Aug 2020 16:39

Tgt Ion: 106 Resp: 308726
Ion Ratio Lower Upper
106 100
91 204.1 163.0 244.4

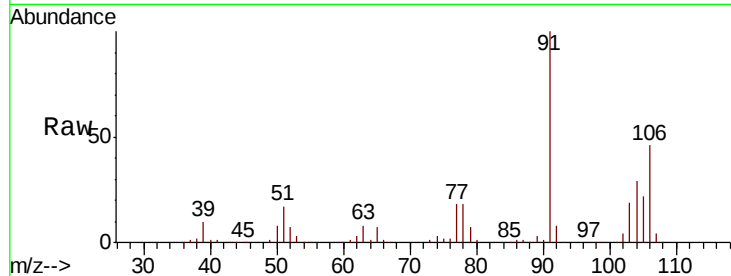




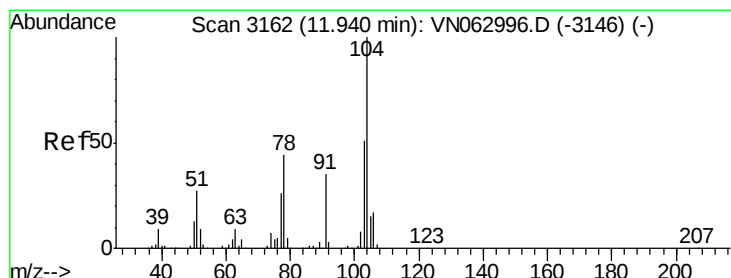
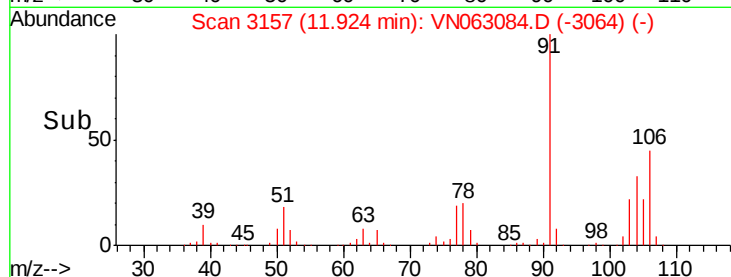
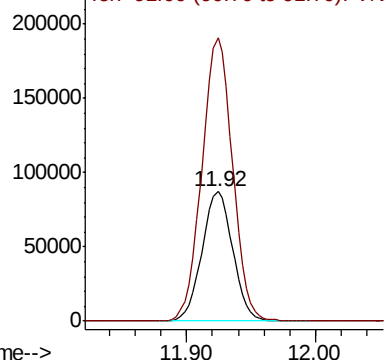
#69
o-Xylene
Concen: 53.102 ug/l
RT: 11.92 min Scan# 3157
Delta R.T. -0.00 min
Lab File: VN063084.D
Acq: 21 Aug 2020 16:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 144653
Ion Ratio Lower Upper
106 100
91 218.2 107.3 321.9

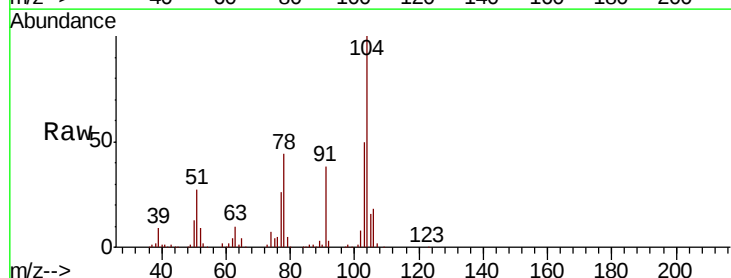


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

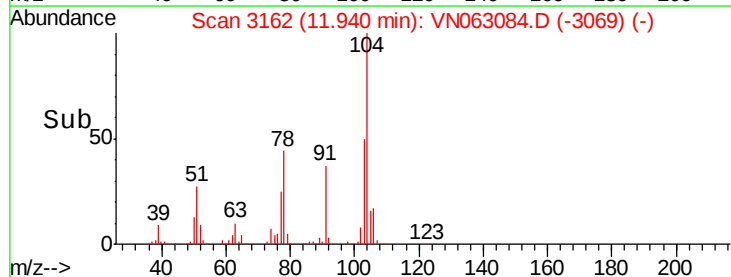
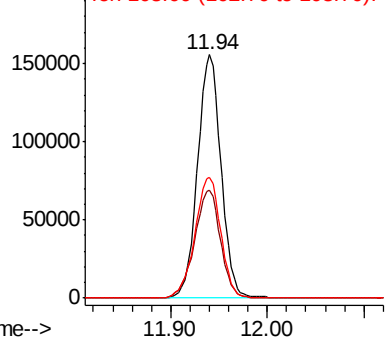


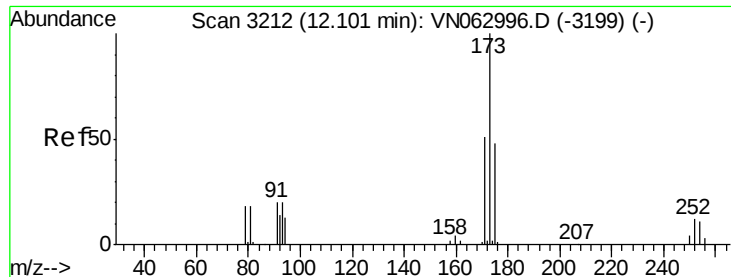
#70
Styrene
Concen: 48.704 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN063084.D
Acq: 21 Aug 2020 16:39

Tgt Ion:104 Resp: 263005
Ion Ratio Lower Upper
104 100
78 48.9 39.0 58.6
103 54.6 44.3 66.5



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





#71

Bromoform

Concen: 50.336 ug/l

RT: 12.10 min Scan# 3213

Delta R.T. 0.00 min

Lab File: VN063084.D

Acq: 21 Aug 2020 16:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

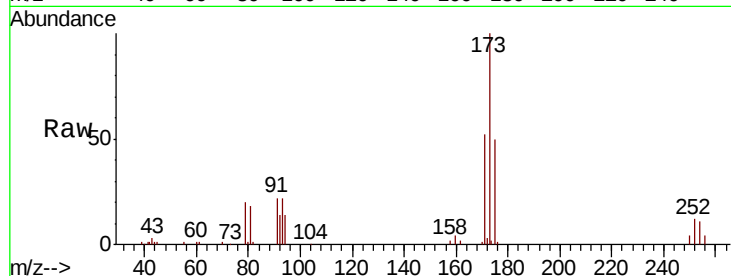
Tot Ion:173 Resp: 70393

Ion Ratio Lower Upper

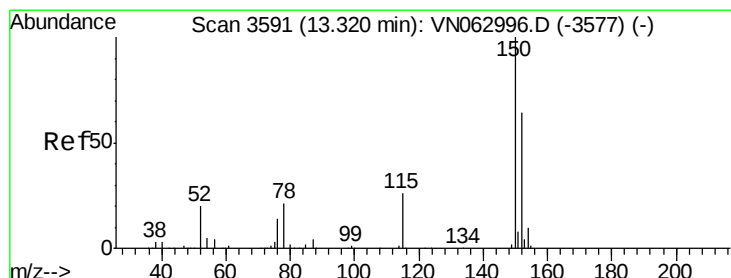
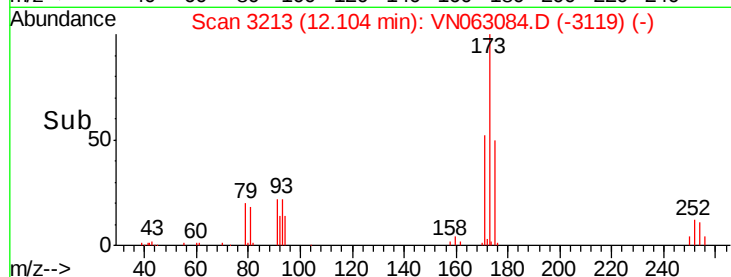
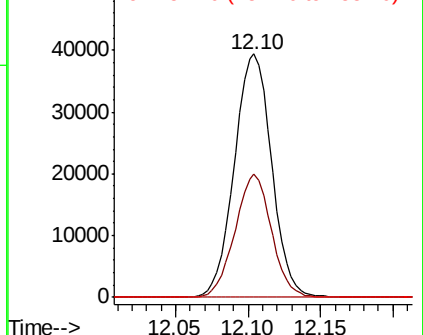
173 100

175 49.3 24.3 72.8

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. -0.00 min

Lab File: VN063084.D

Acq: 21 Aug 2020 16:39

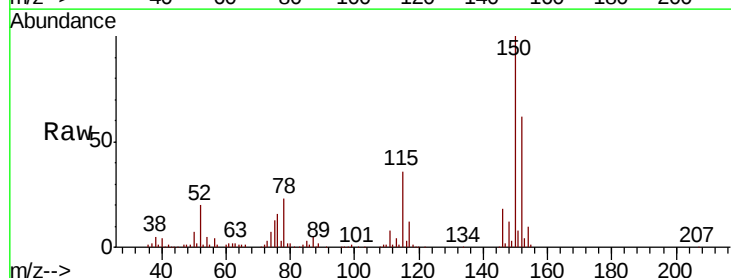
Tgt Ion:152 Resp: 106227

Ion Ratio Lower Upper

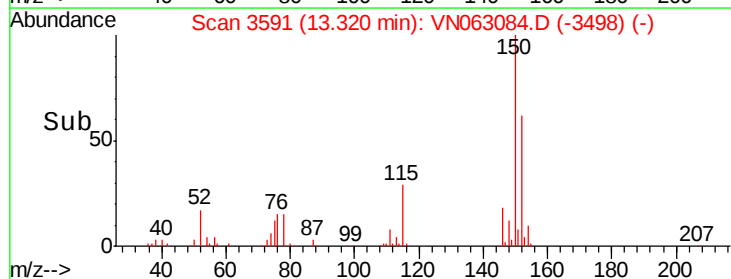
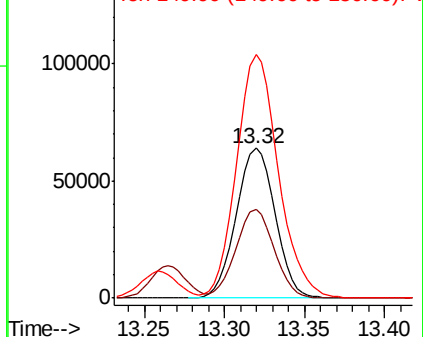
152 100

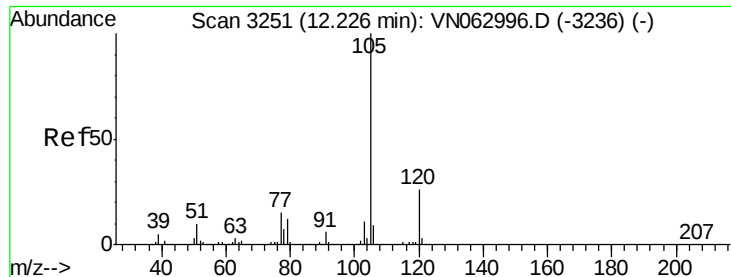
115 58.3 28.7 86.3

150 174.1 0.0 348.8



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





#73

Isopropylbenzene

Concen: 52.928 ug/l

RT: 12.23 min Scan# 3251

Delta R.T. -0.00 min

Lab File: VN063084.D

Acq: 21 Aug 2020 16:39

Instrument :

MSVOA_N

ClientSampleId :

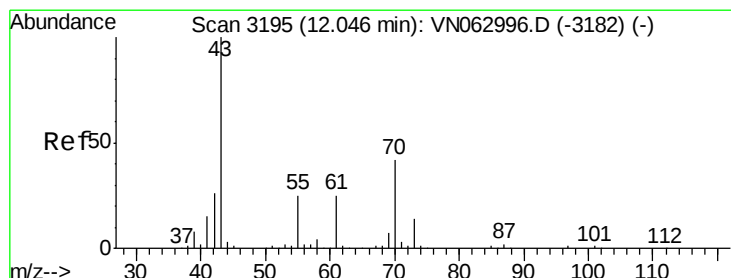
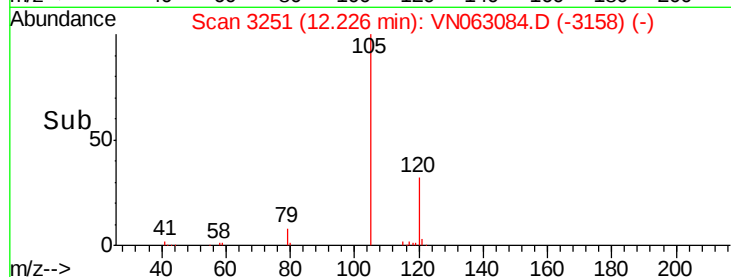
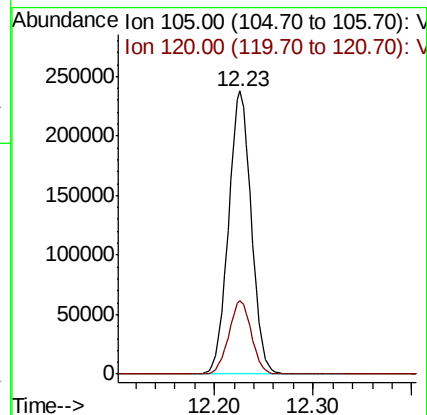
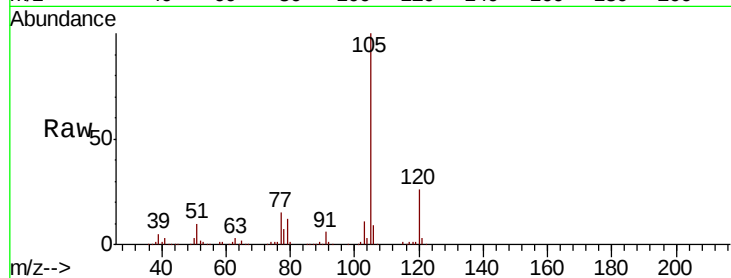
VSTDCCC050EC

Tot Ion:105 Resp: 385020

Ion Ratio Lower Upper

105 100

120 25.8 13.2 39.6



#74

N-ethyl acetate

Concen: 58.359 ug/l

RT: 12.05 min Scan# 3196

Delta R.T. 0.00 min

Lab File: VN063084.D

Acq: 21 Aug 2020 16:39

Tgt Ion: 43 Resp: 152046

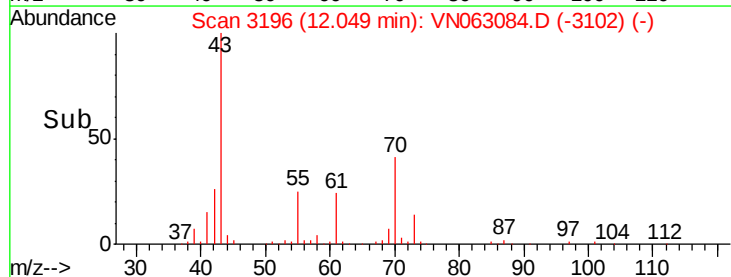
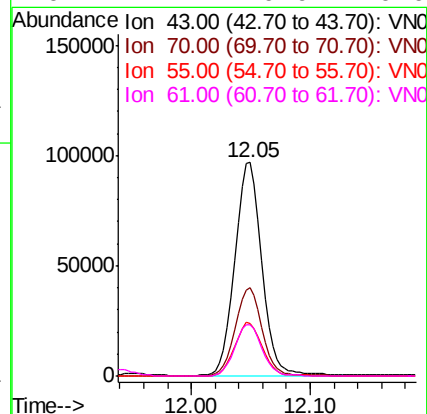
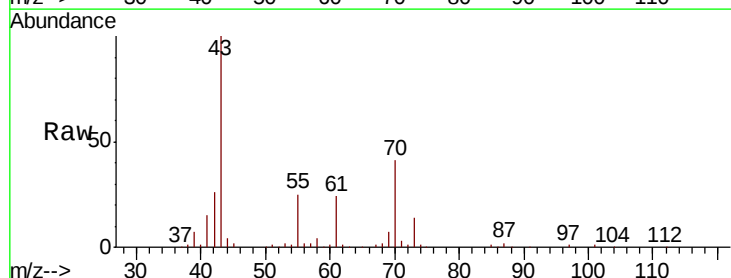
Ion Ratio Lower Upper

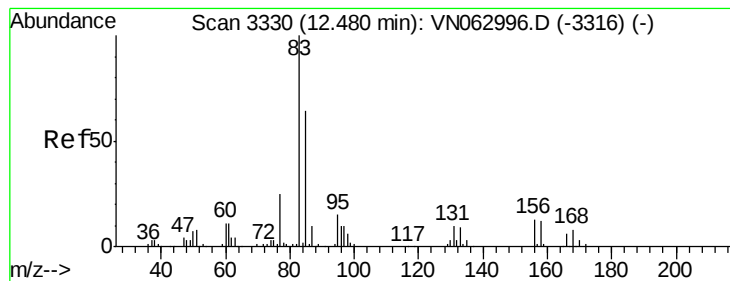
43 100

70 41.5 33.4 50.0

55 25.6 20.2 30.2

61 24.7 19.9 29.9





#75

1,1,2,2-Tetrachloroethane

Concen: 55.406 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN063084.D

Acq: 21 Aug 2020 16:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

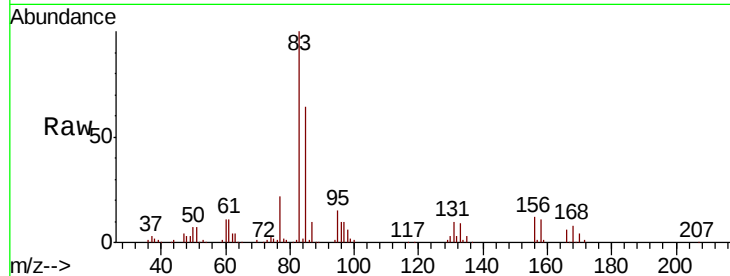
Tot Ion: 83 Resp: 129633

Ion Ratio Lower Upper

83 100

131 9.6 4.9 14.7

85 63.8 31.9 95.5



Abundance Ion 82.90 (82.60 to 83.60): VN063084.D (-3237) (-)

Ion 130.80 (130.50 to 131.50): VN063084.D (-3237) (-)

Ion 84.90 (84.60 to 85.60): VN063084.D (-3237) (-)

12.48

80000

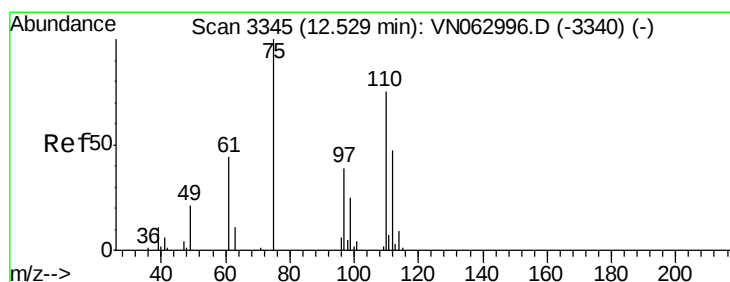
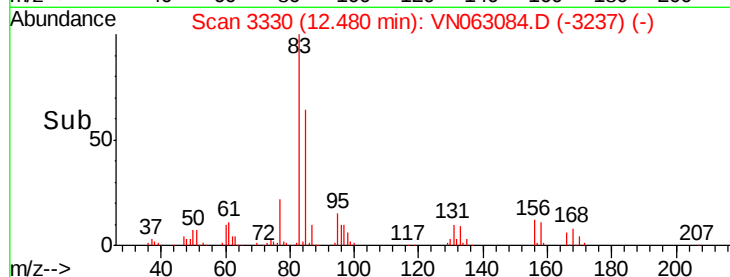
60000

40000

20000

0

Time--> 12.40 12.45 12.50



#76

1,2,3-Trichloropropane

Concen: 75.718 ug/l

RT: 12.53 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN063084.D

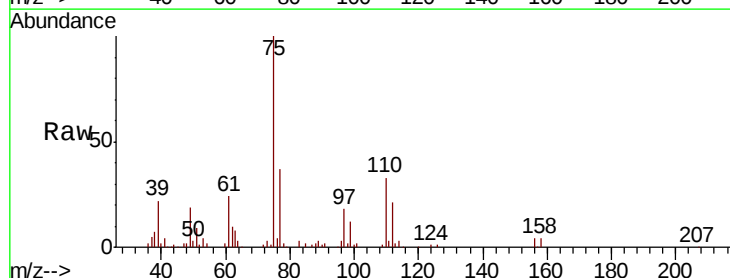
Acq: 21 Aug 2020 16:39

Tgt Ion: 75 Resp: 156343

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN063084.D (-3252) (-)

Ion 77.00 (76.70 to 77.70): VN063084.D (-3252) (-)

120000

100000

80000

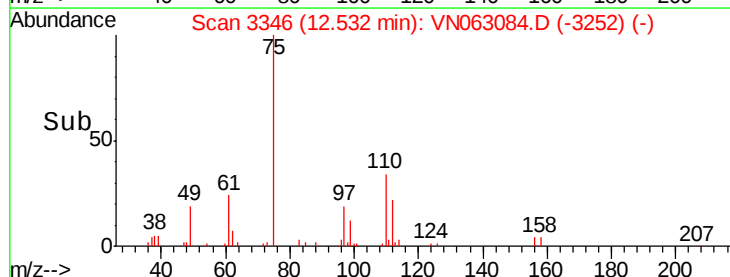
60000

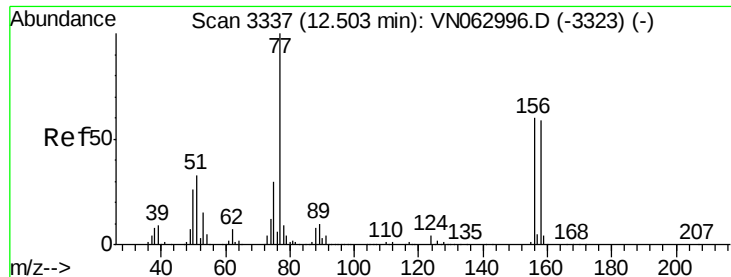
40000

20000

0

Time--> 12.40 12.50 12.60





#77

Bromobenzene

Concen: 51.423 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN063084.D

Acq: 21 Aug 2020 16:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

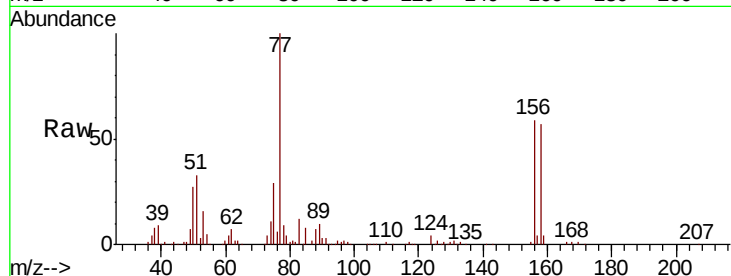
Tot Ion:156 Resp: 102881

Ion Ratio Lower Upper

156 100

77 206.5 101.0 302.9

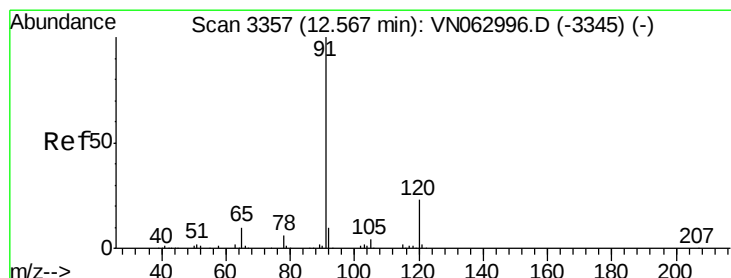
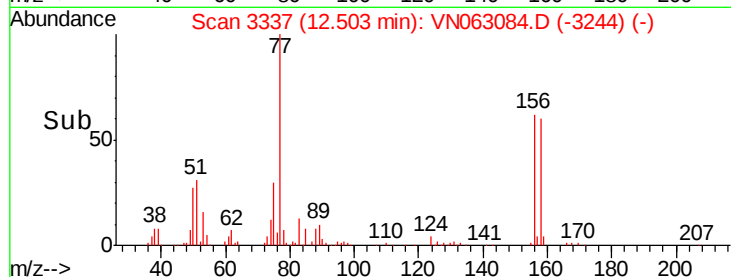
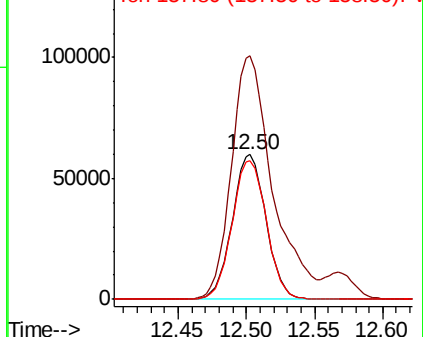
158 97.7 49.4 148.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.043 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN063084.D

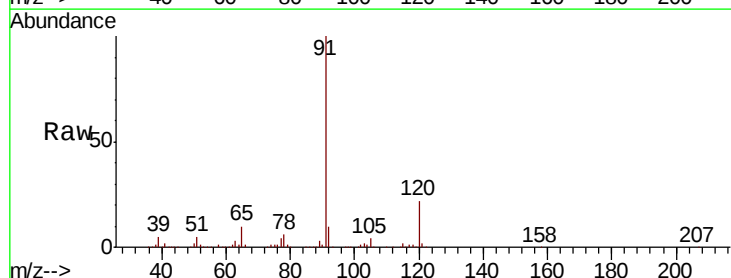
Acq: 21 Aug 2020 16:39

Tgt Ion: 91 Resp: 439809

Ion Ratio Lower Upper

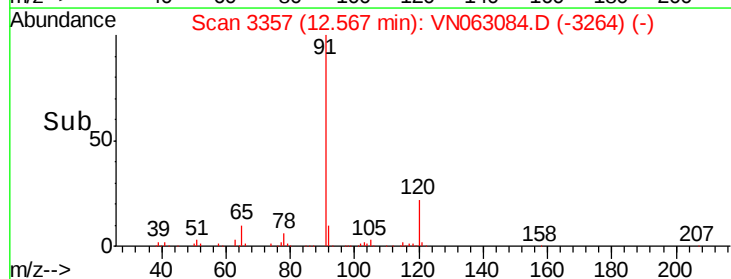
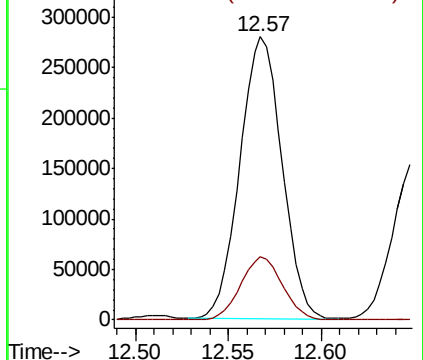
91 100

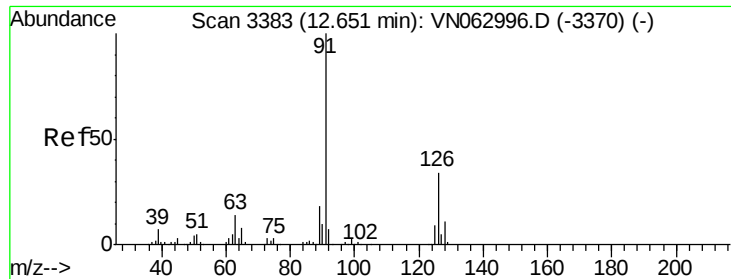
120 22.3 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

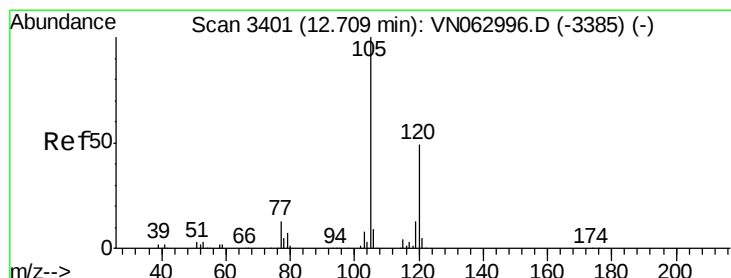
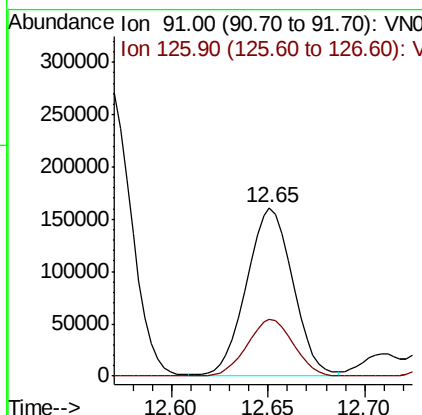
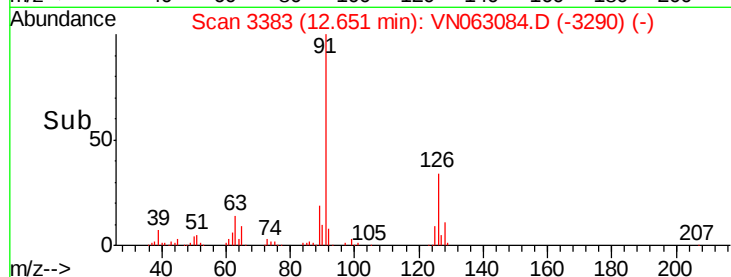
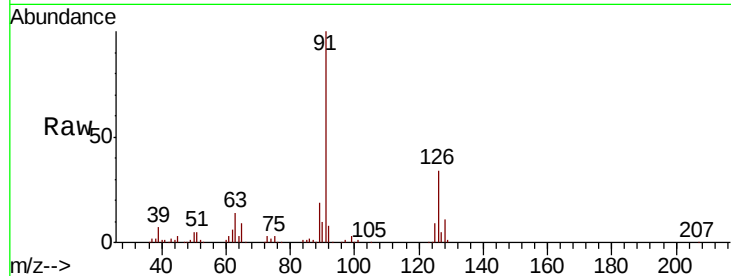




#79
2-Chlorotoluene
Concen: 50.769 ug/l
RT: 12.65 min Scan# 3383
Delta R.T. -0.00 min
Lab File: VN063084.D
Acq: 21 Aug 2020 16:39

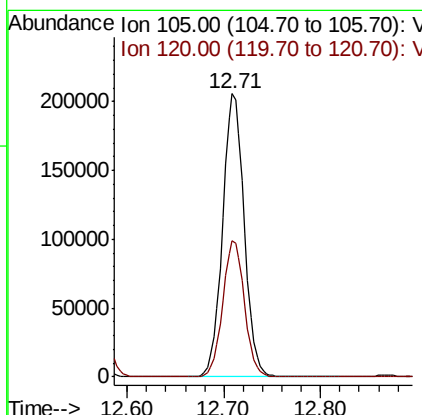
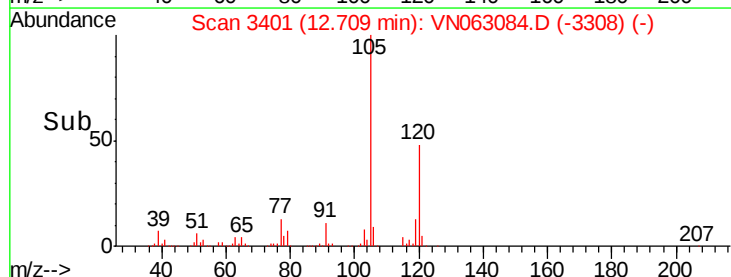
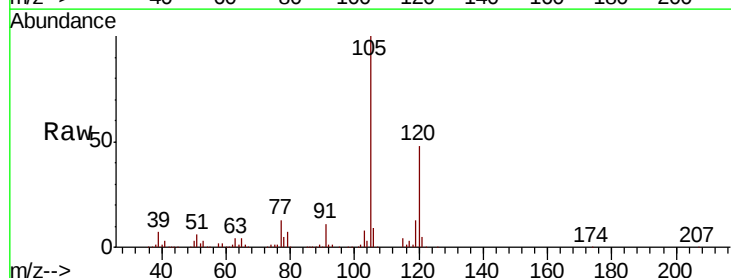
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

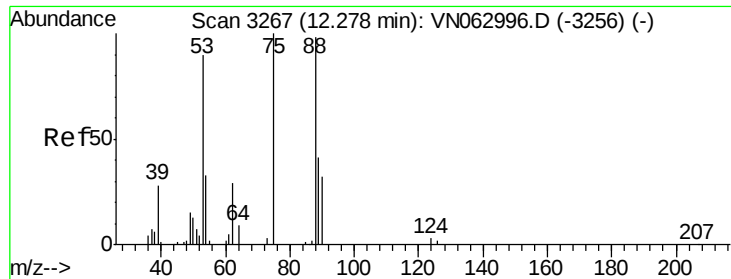
Tot Ion: 91 Resp: 264773
Ion Ratio Lower Upper
91 100
126 34.3 17.1 51.2



#80
1,3,5-Trimethylbenzene
Concen: 52.972 ug/l
RT: 12.71 min Scan# 3401
Delta R.T. -0.00 min
Lab File: VN063084.D
Acq: 21 Aug 2020 16:39

Tgt Ion:105 Resp: 318541
Ion Ratio Lower Upper
105 100
120 48.4 24.3 72.8

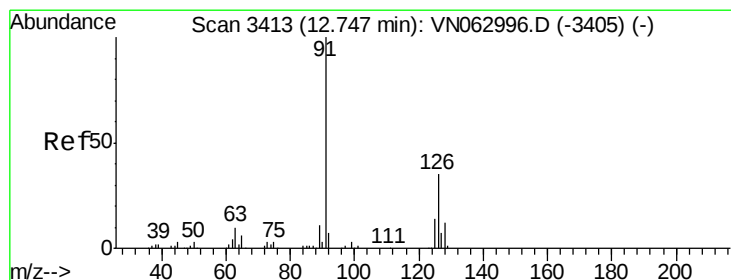
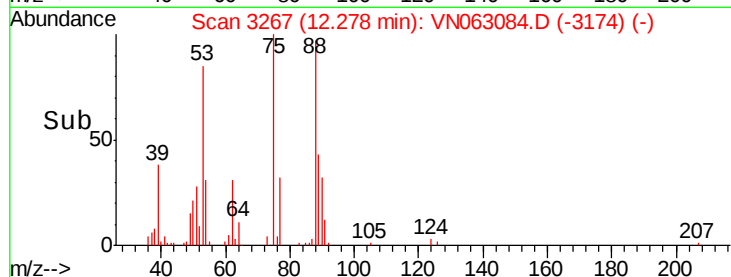
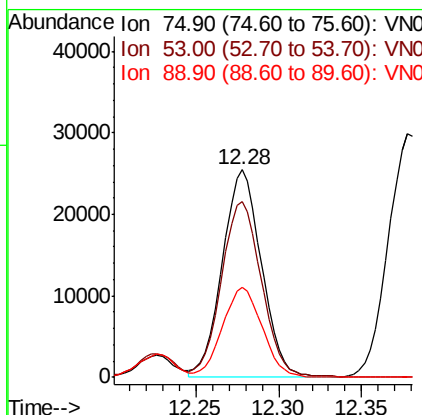
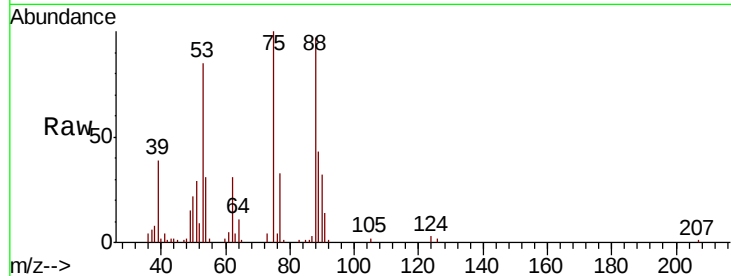




#81
trans-1,4-Dichloro-2-butene
Concen: 55.620 ug/l
RT: 12.28 min Scan# 3267
Delta R.T. -0.00 min
Lab File: VN063084.D
Acq: 21 Aug 2020 16:39

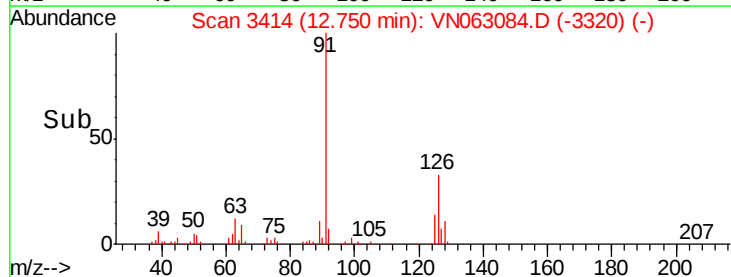
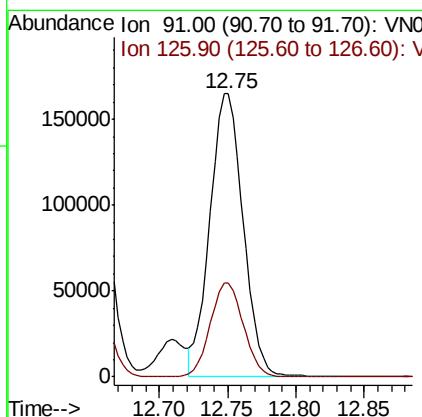
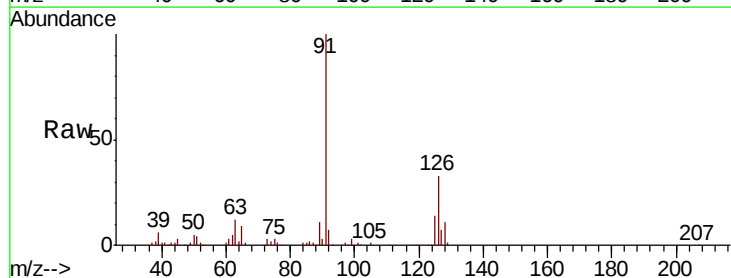
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

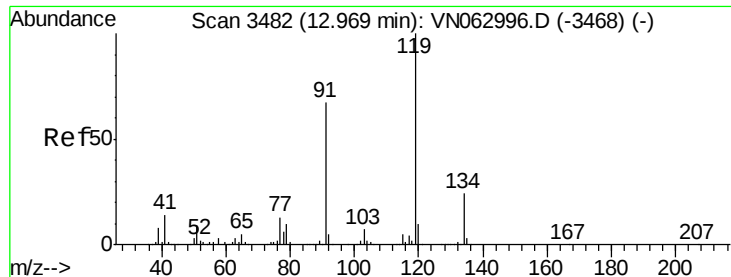
Tot Ion: 75 Resp: 41816
Ion Ratio Lower Upper
75 100
53 87.0 69.2 103.8
89 43.8 34.2 51.4



#82
4-Chlorotoluene
Concen: 52.252 ug/l
RT: 12.75 min Scan# 3414
Delta R.T. 0.00 min
Lab File: VN063084.D
Acq: 21 Aug 2020 16:39

Tgt Ion: 91 Resp: 277487
Ion Ratio Lower Upper
91 100
126 33.3 16.5 49.5

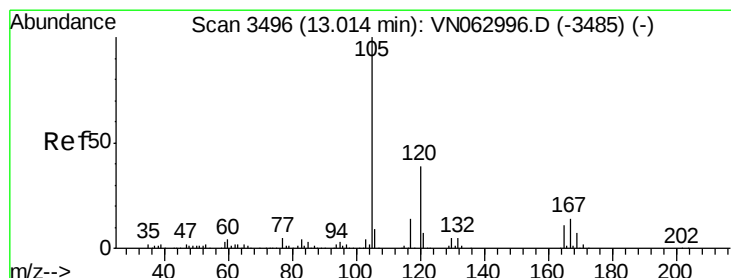
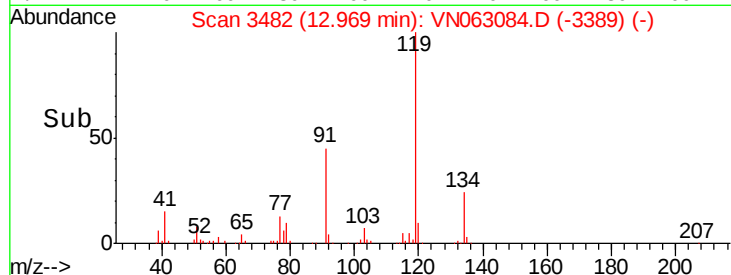
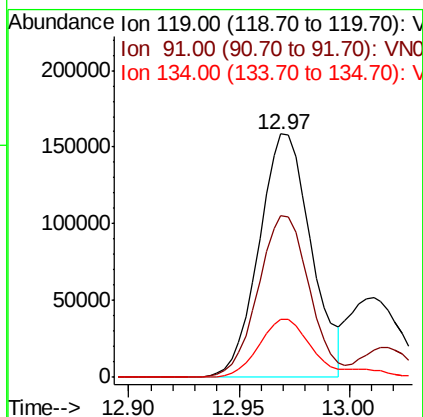
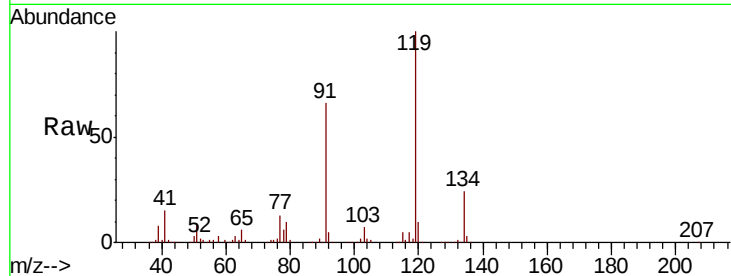




#83
tert-Butylbenzene
Concen: 50.085 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. -0.00 min
Lab File: VN063084.D
Acq: 21 Aug 2020 16:39

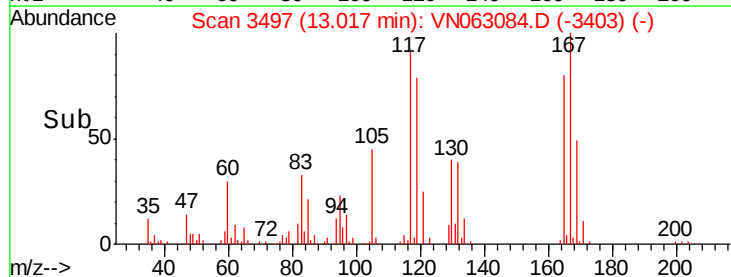
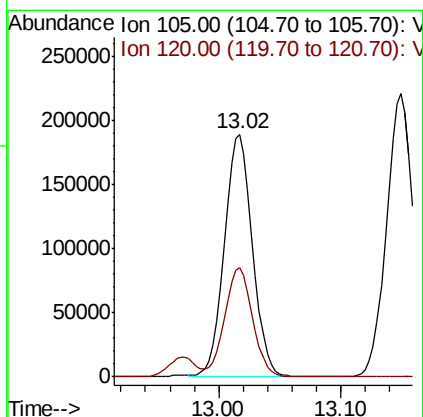
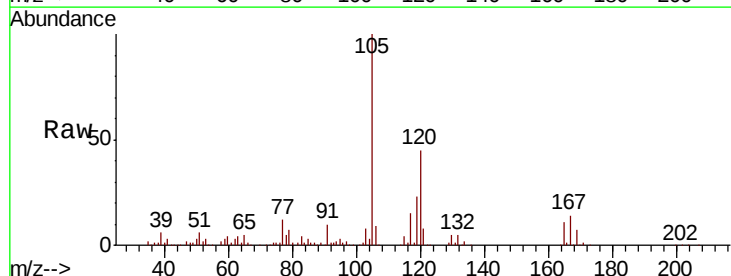
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

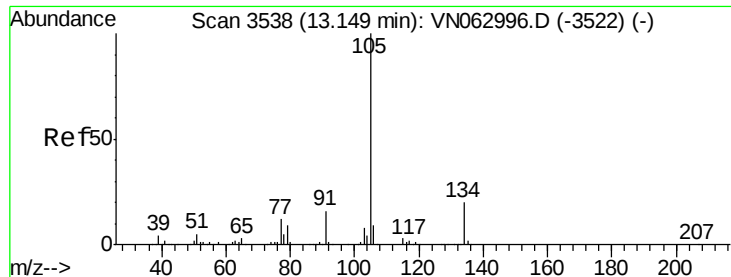
Tot Ion:119 Resp: 259950
Ion Ratio Lower Upper
119 100
91 65.1 32.5 97.4
134 24.2 13.1 39.3



#84
1,2,4-Trimethylbenzene
Concen: 51.687 ug/l
RT: 13.02 min Scan# 3497
Delta R.T. 0.00 min
Lab File: VN063084.D
Acq: 21 Aug 2020 16:39

Tgt Ion:105 Resp: 302797
Ion Ratio Lower Upper
105 100
120 45.1 22.5 67.5





#85

sec-Butylbenzene

Concen: 48.697 ug/l

RT: 13.15 min Scan# 3538

Delta R.T. -0.00 min

Lab File: VN063084.D

Acq: 21 Aug 2020 16:39

Instrument :

MSVOA_N

ClientSampleId :

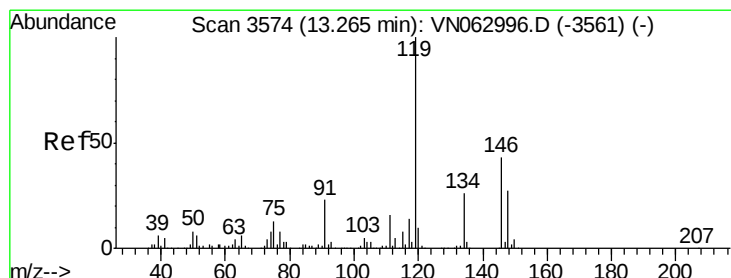
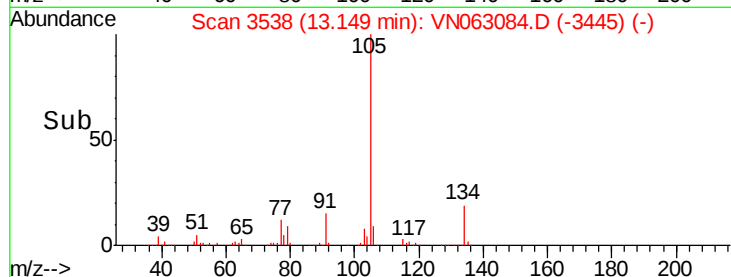
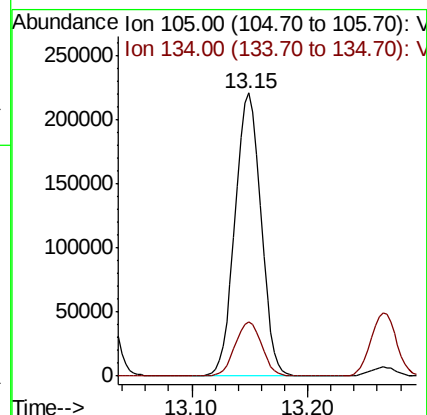
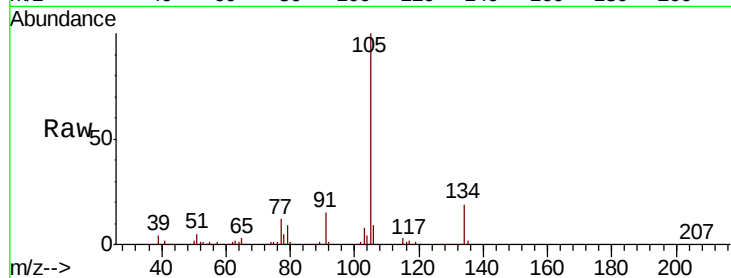
VSTDCCC050EC

Tot Ion:105 Resp: 341582

Ion Ratio Lower Upper

105 100

134 19.7 9.8 29.4



#86

p-Isopropyltoluene

Concen: 47.508 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN063084.D

Acq: 21 Aug 2020 16:39

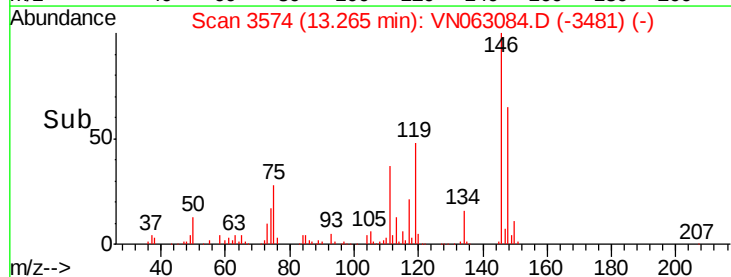
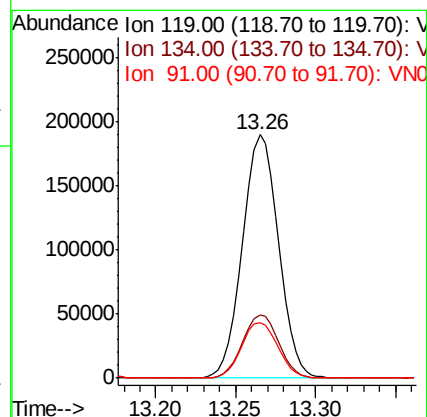
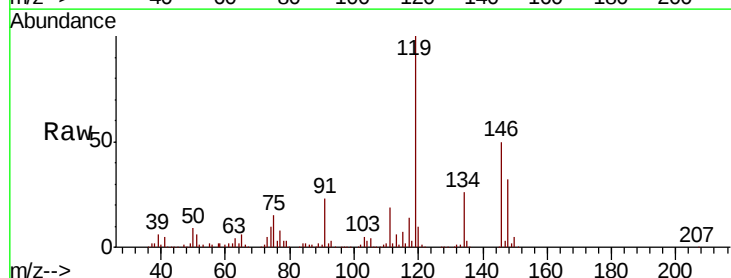
Tgt Ion:119 Resp: 290367

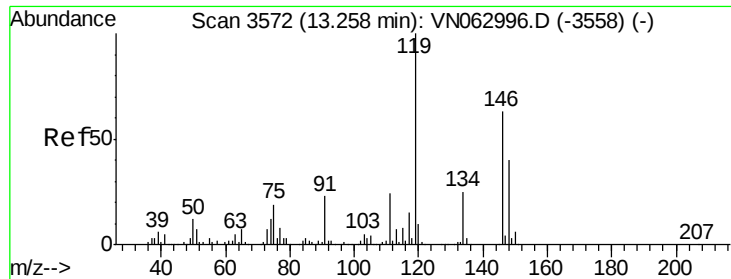
Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.3

91 23.0 11.5 34.4

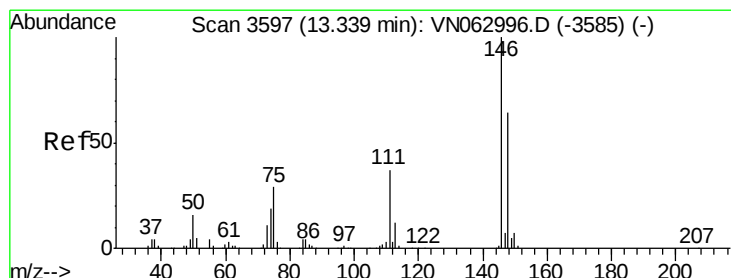
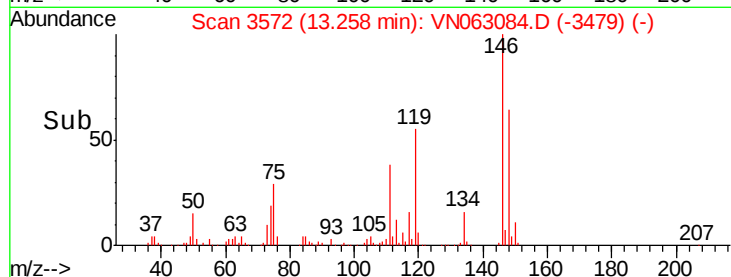
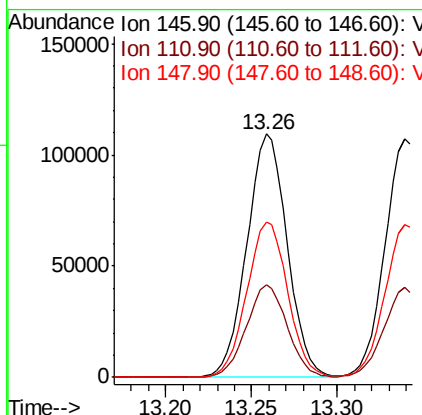
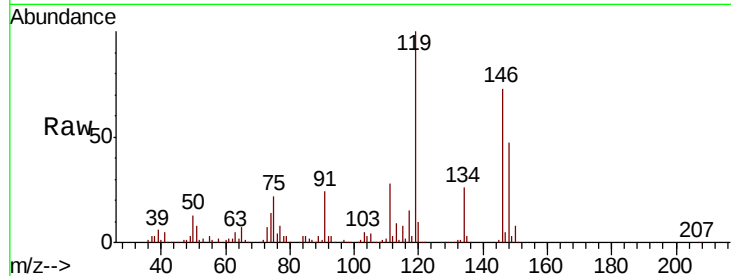




#87
 1,3-Dichlorobenzene
 Concen: 51.765 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN063084.D
 Acq: 21 Aug 2020 16:39

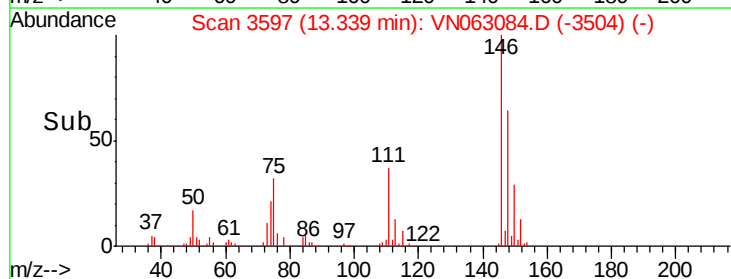
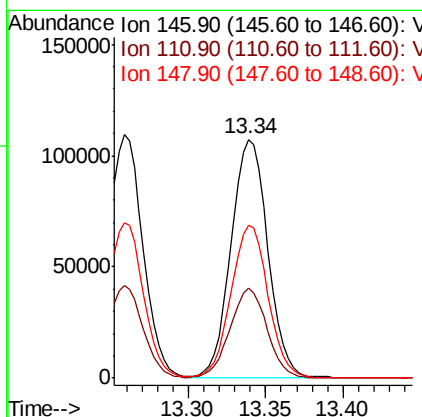
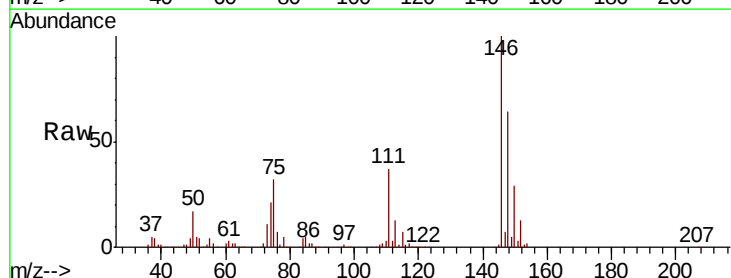
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

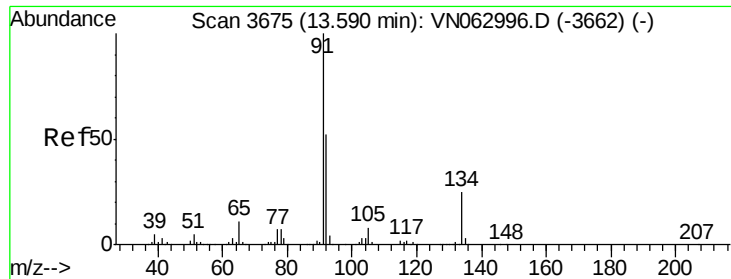
Tot Ion:146 Resp: 177985
 Ion Ratio Lower Upper
 146 100
 111 38.4 19.4 58.1
 148 64.6 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 50.434 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN063084.D
 Acq: 21 Aug 2020 16:39

Tgt Ion:146 Resp: 176005
 Ion Ratio Lower Upper
 146 100
 111 38.0 18.8 56.4
 148 65.3 32.4 97.0

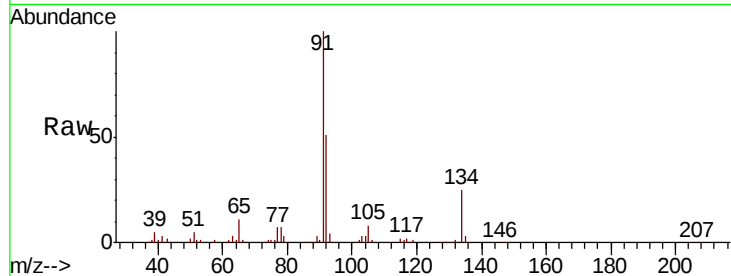




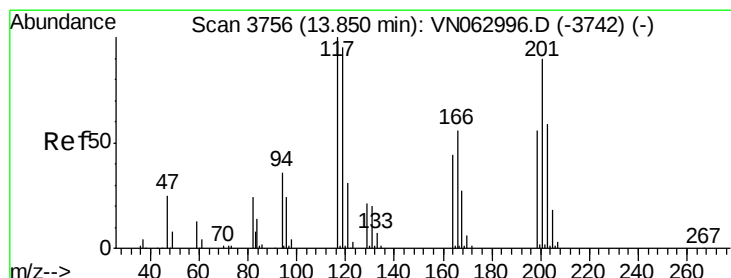
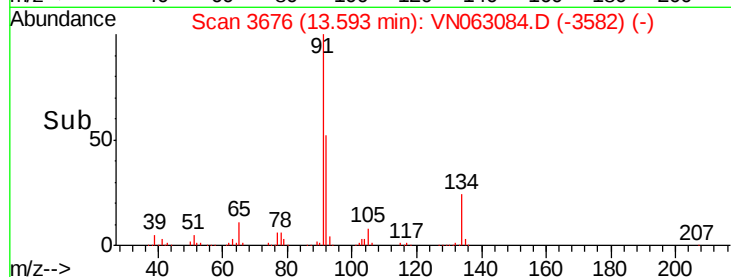
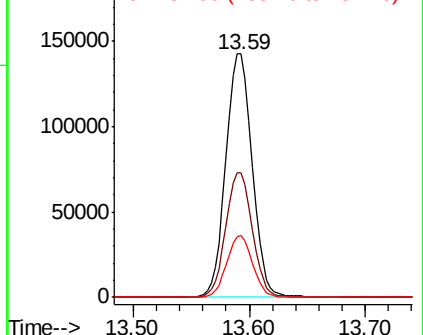
#89
n-Butylbenzene
Concen: 39.304 ug/l
RT: 13.59 min Scan# 3676
Delta R.T. 0.00 min
Lab File: VN063084.D
Acq: 21 Aug 2020 16:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 224047
Ion Ratio Lower Upper
91 100
92 51.3 25.9 77.6
134 24.7 12.4 37.0

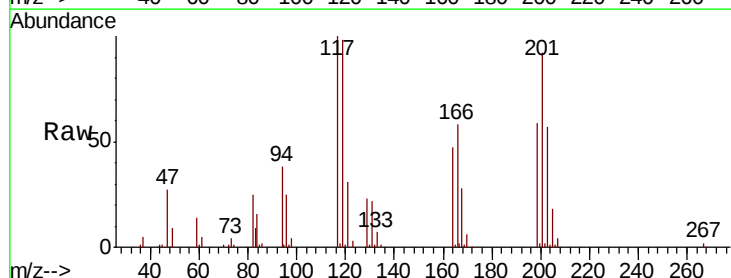


Abundance Ion 91.00 (90.70 to 91.70): VN062996.D (-3662) (-)
Ion 92.00 (91.70 to 92.70): VN062996.D (-3662) (-)
Ion 134.00 (133.70 to 134.70): VN062996.D (-3662) (-)

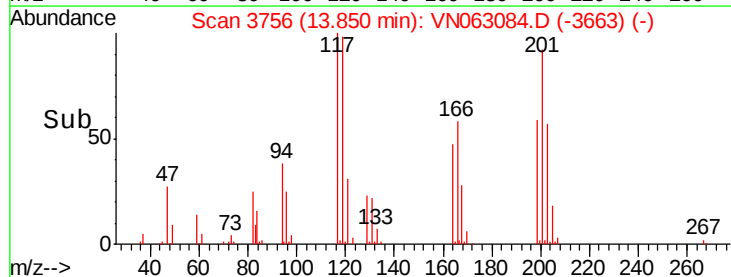
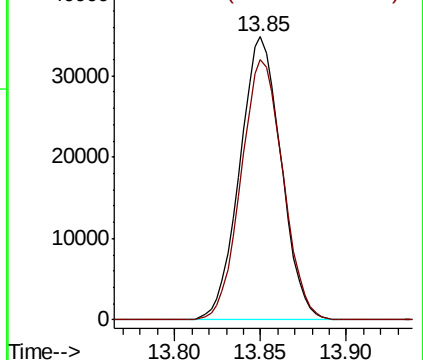


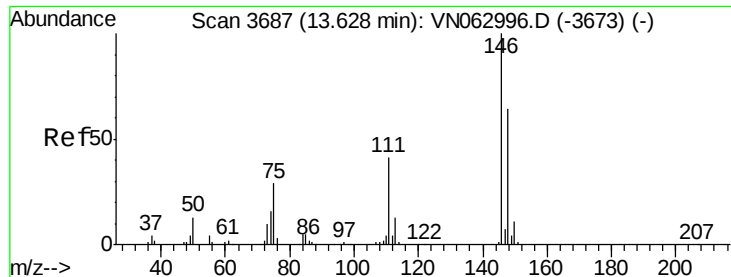
#90
Hexachloroethane
Concen: 44.909 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN063084.D
Acq: 21 Aug 2020 16:39

Tgt Ion: 117 Resp: 58340
Ion Ratio Lower Upper
117 100
201 92.7 44.1 132.4



Abundance Ion 116.80 (116.50 to 117.50): VN062996.D (-3742) (-)
Ion 200.70 (200.40 to 201.40): VN062996.D (-3742) (-)

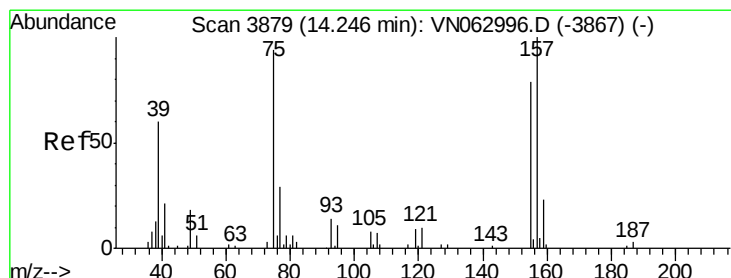
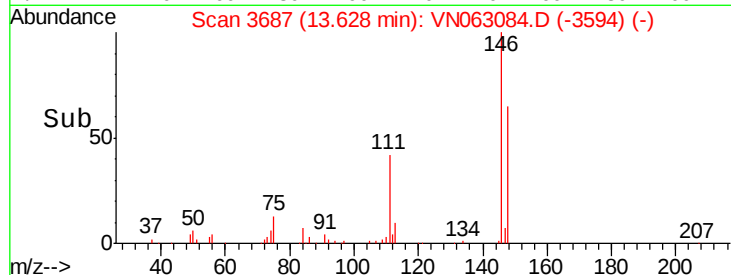
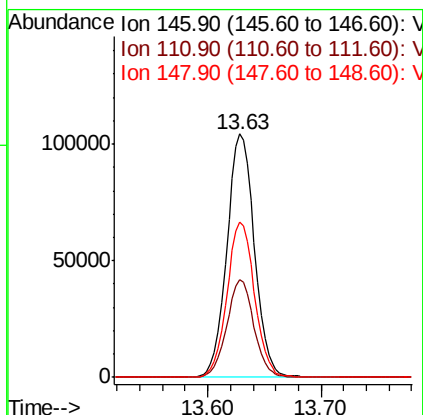
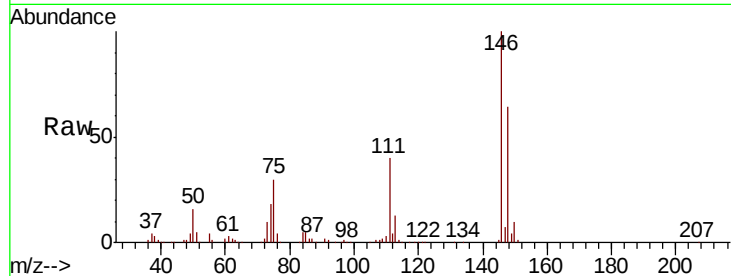




#91
 1,2-Dichlorobenzene
 Concen: 53.212 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN063084.D
 Acq: 21 Aug 2020 16:39

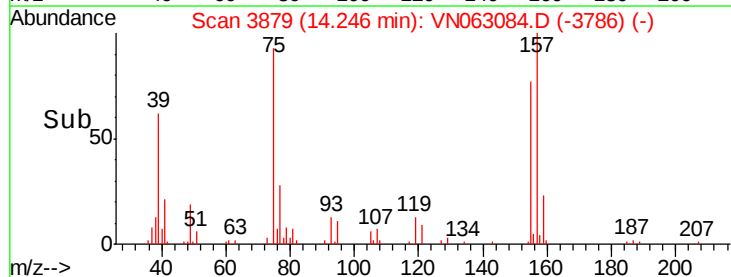
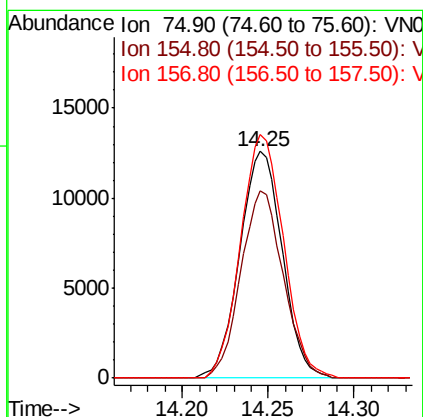
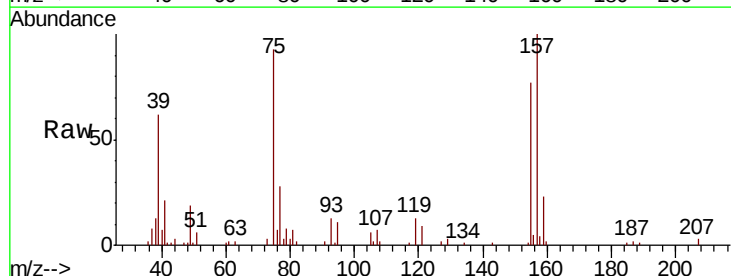
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

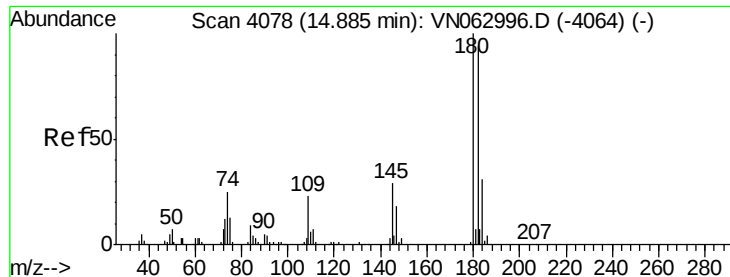
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	20.2	60.5
148	63.9	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 59.237 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. -0.00 min
 Lab File: VN063084.D
 Acq: 21 Aug 2020 16:39

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.1	42.4	127.1
157	108.4	55.2	165.6

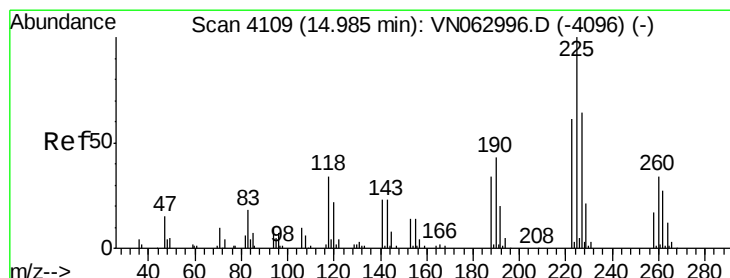
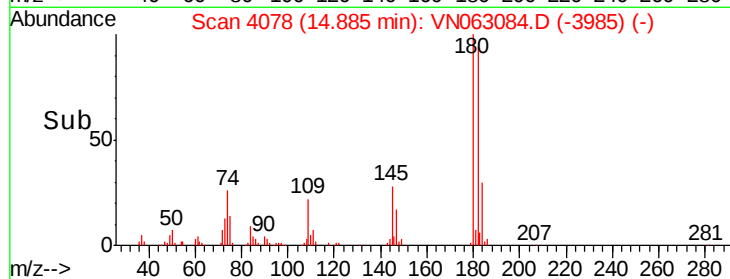
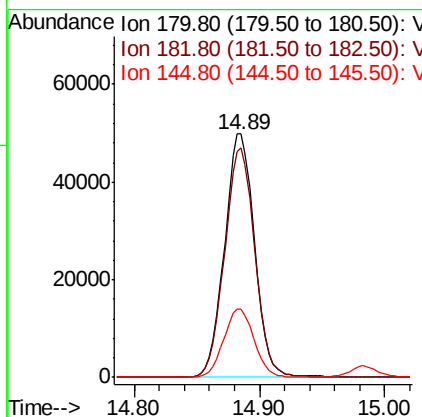
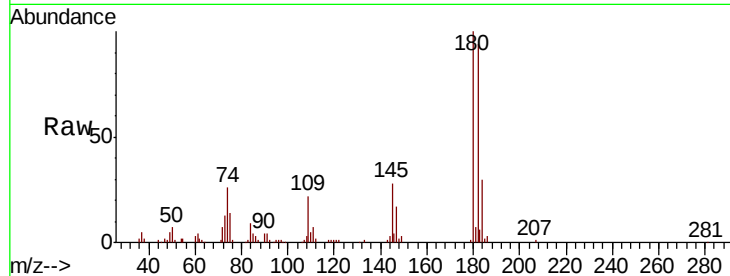




#93
 1,2,4-Trichlorobenzene
 Concen: 45.307 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN063084.D
 Acq: 21 Aug 2020 16:39

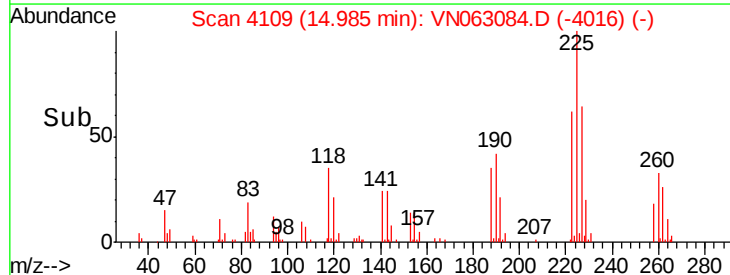
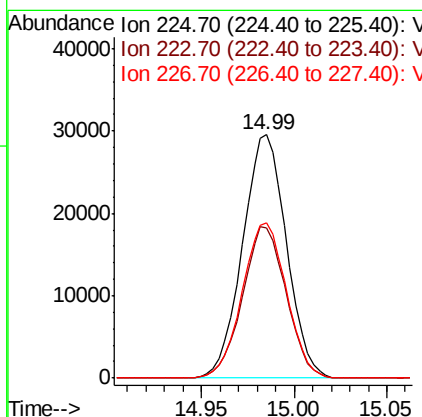
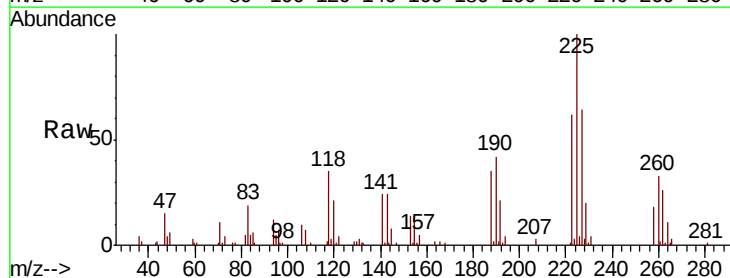
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

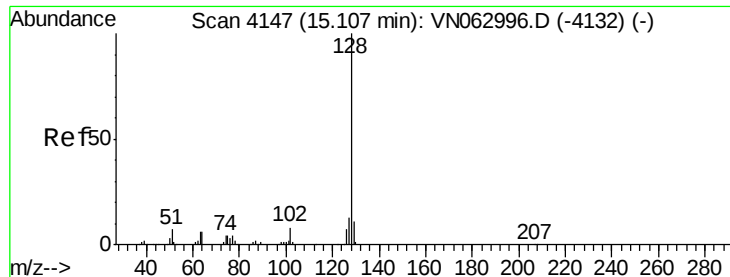
Tot Ion:180 Resp: 82548
 Ion Ratio Lower Upper
 180 100
 182 94.8 47.0 141.2
 145 28.3 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 39.643 ug/l
 RT: 14.99 min Scan# 4109
 Delta R.T. -0.00 min
 Lab File: VN063084.D
 Acq: 21 Aug 2020 16:39

Tgt Ion:225 Resp: 48654
 Ion Ratio Lower Upper
 225 100
 223 62.0 30.9 92.5
 227 64.4 31.9 95.9





#95

Naphthalene

Concen: 46.617 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. -0.00 min

Lab File: VN063084.D

Acq: 21 Aug 2020 16:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

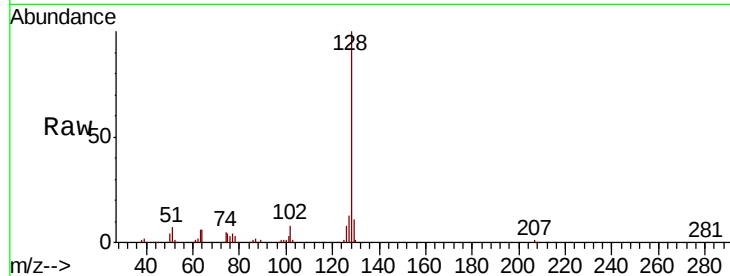
Tot Ion:128 Resp: 195756

Ion Ratio Lower Upper

128 100

127 13.2 10.6 16.0

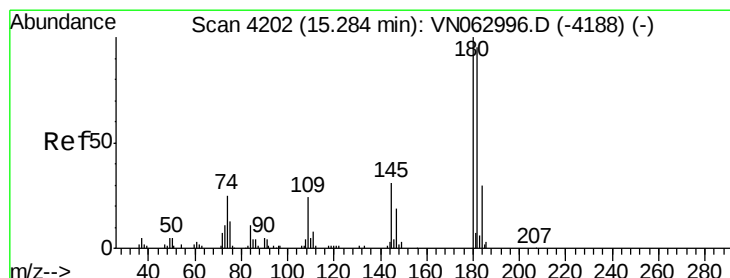
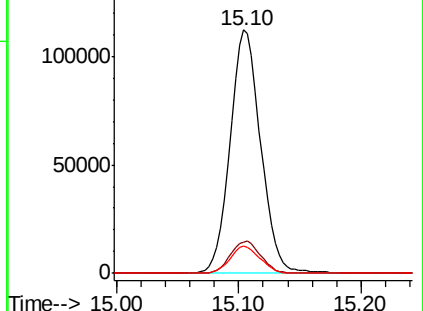
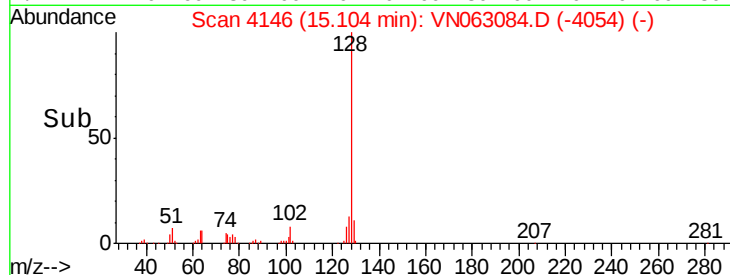
129 11.1 8.9 13.3



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: 44.707 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. 0.00 min

Lab File: VN063084.D

Acq: 21 Aug 2020 16:39

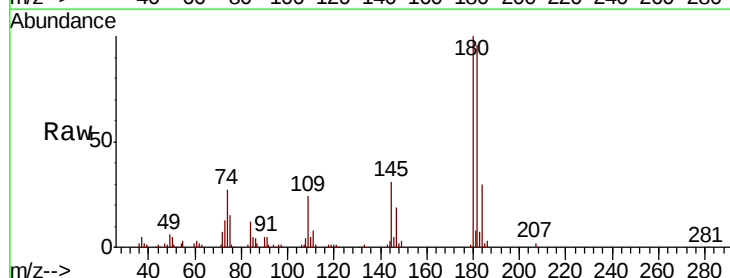
Tgt Ion:180 Resp: 79861

Ion Ratio Lower Upper

180 100

182 97.3 47.3 141.9

145 30.9 15.6 46.7



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

