

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082120\
 Data File : VN063071.D
 Acq On : 21 Aug 2020 9:55
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 22 01:20:04 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	183913	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	268655	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	259059	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	132080	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.98	65	105640	48.47	ug/l	0.00
Spiked Amount			Recovery	=	96.94%	
35) Dibromofluoromethane	7.54	113	87048	49.73	ug/l	0.00
Spiked Amount			Recovery	=	99.46%	
50) Toluene-d8	10.06	98	331782	49.34	ug/l	0.00
Spiked Amount			Recovery	=	98.68%	
62) 4-Bromofluorobenzene	12.37	95	121222	51.09	ug/l	0.00
Spiked Amount			Recovery	=	102.18%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	128976	53.657	ug/l	98
3) Chloromethane	2.03	50	138244	54.822	ug/l	99
4) Vinyl Chloride	2.16	62	136148	55.828	ug/l	97
5) Bromomethane	2.52	94	81928	56.600	ug/l	98
6) Chloroethane	2.66	64	80311	55.778	ug/l	100
7) Trichlorofluoromethane	2.98	101	164098	53.958	ug/l	98
8) Diethyl Ether	3.37	74	56552	52.563	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	85209	51.996	ug/l	98
10) Methyl Iodide	3.91	142	112099	53.967	ug/l	99
11) Tert butyl alcohol	4.73	59	69501	225.107	ug/l	100
12) 1,1-Dichloroethene	3.69	96	75753	48.525	ug/l	96
13) Acrolein	3.57	56	18147	187.619	ug/l	99
14) Allyl chloride	4.27	41	143785	52.237	ug/l	99
15) Acrylonitrile	4.93	53	246568	271.711	ug/l	99
16) Acetone	3.77	43	223728	330.410	ug/l	97
17) Carbon Disulfide	4.00	76	196277	48.008	ug/l	98
18) Methyl Acetate	4.27	43	115384	53.267	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	313730	57.625	ug/l	100
20) Methylene Chloride	4.50	84	103254	53.831	ug/l	100
21) trans-1,2-Dichloroethene	4.99	96	86235	52.784	ug/l	99
22) Diisopropyl ether	5.90	45	365154	58.460	ug/l	99
23) Vinyl Acetate	5.84	43	1165190	276.436	ug/l	100
24) 1,1-Dichloroethane	5.79	63	184449	52.844	ug/l	99
25) 2-Butanone	6.78	43	315316	272.478	ug/l	99
26) 2,2-Dichloropropane	6.77	77	148688	54.166	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	108496	52.984	ug/l	98
28) Bromochloromethane	7.15	49	93156	51.008	ug/l	97
29) Tetrahydrofuran	7.16	42	199049	266.512	ug/l	100
30) Chloroform	7.32	83	186744	53.123	ug/l	100
31) Cyclohexane	7.61	56	167100	52.014	ug/l	100
32) 1,1,1-Trichloroethane	7.53	97	151234	52.697	ug/l	98
36) 1,1-Dichloropropene	7.75	75	126439	53.405	ug/l	99
37) Ethyl Acetate	6.88	43	116369	52.456	ug/l	99
38) Carbon Tetrachloride	7.73	117	126146	52.776	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	165121	51.607	ug/l	99
40) Benzene	8.00	78	405499	54.002	ug/l	99
41) Methacrylonitrile	7.12	41	57927	54.805	ug/l	94
42) 1,2-Dichloroethane	8.08	62	141181	55.995	ug/l	99
43) Isopropyl Acetate	8.12	43	202773	55.173	ug/l #	90
44) Trichloroethene	8.80	130	98535	52.754	ug/l	96
45) 1,2-Dichloropropane	9.08	63	122172	56.287	ug/l	97
46) Dibromomethane	9.17	93	71681	57.166	ug/l	99
47) Bromodichloromethane	9.37	83	154981	56.432	ug/l	100
48) Methyl methacrylate	9.17	41	101297	58.253	ug/l	98
49) 1,4-Dioxane	9.16	88	33498	877.309	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	653237	281.197	ug/l	99
52) Toluene	10.12	92	254055	56.087	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	169300	59.612	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	184087	59.087	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	108930	56.241	ug/l	99
56) Ethyl methacrylate	10.40	69	158994	53.040	ug/l	99
57) 1,3-Dichloropropane	10.68	76	182195	56.649	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	181130	249.104	ug/l	98
59) 2-Hexanone	10.72	43	465027	286.985	ug/l	99
60) Dibromochloromethane	10.87	129	122755	57.270	ug/l	99
61) 1,2-Dibromoethane	10.98	107	106276	57.105	ug/l	100
64) Tetrachloroethene	10.60	164	89715	52.683	ug/l	97
65) Chlorobenzene	11.40	112	284049	54.595	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	112250	55.468	ug/l	99
67) Ethyl Benzene	11.48	91	502251	57.130	ug/l	100
68) m/p-Xylenes	11.59	106	384546	117.690	ug/l	100
69) o-Xylene	11.92	106	183387	58.447	ug/l	100
70) Styrene	11.94	104	330738	52.997	ug/l	99
71) Bromoform	12.10	173	91684	56.919	ug/l #	100
73) Isopropylbenzene	12.22	105	498406	55.104	ug/l	99
74) N-amyl acetate	12.04	43	185360	57.220	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	160084	55.017	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	199505	77.709	ug/l #	100
77) Bromobenzene	12.50	156	132972	53.454	ug/l	99
78) n-propylbenzene	12.56	91	596373	57.847	ug/l	99
79) 2-Chlorotoluene	12.65	91	351168	54.155	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	430005	57.511	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	52430	56.088	ug/l	96
82) 4-Chlorotoluene	12.75	91	370207	56.067	ug/l	100
83) tert-Butylbenzene	12.97	119	359908	55.770	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	429659	58.986	ug/l	99
85) sec-Butylbenzene	13.15	105	496431	56.920	ug/l	100
86) p-Isopropyltoluene	13.26	119	443657	58.380	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	238106	55.695	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	236654	54.539	ug/l	99
89) n-Butylbenzene	13.59	91	364103	50.521	ug/l	99
90) Hexachloroethane	13.85	117	85822	53.133	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	228715	55.384	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	25465	55.903	ug/l	99

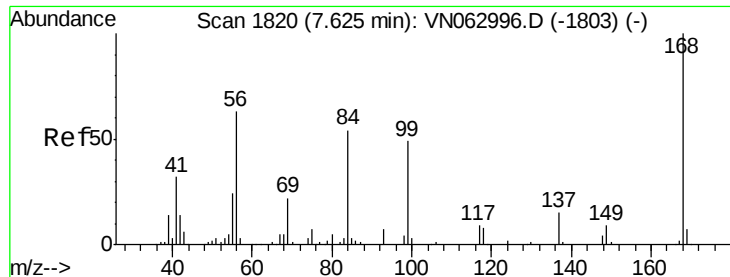
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	114774	50.127	ug/l	99
94) Hexachlorobutadiene	14.98	225	76278	49.986	ug/l	99
95) Naphthalene	15.10	128	251869	48.043	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	111077	49.540	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: VN063071.D

Acq: 21 Aug 2020 9:55

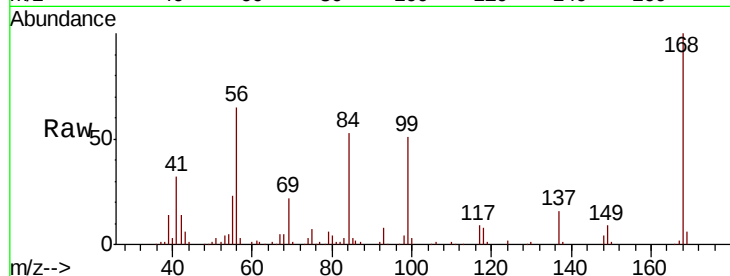
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:168 Resp: 183913

Ion Ratio Lower Upper

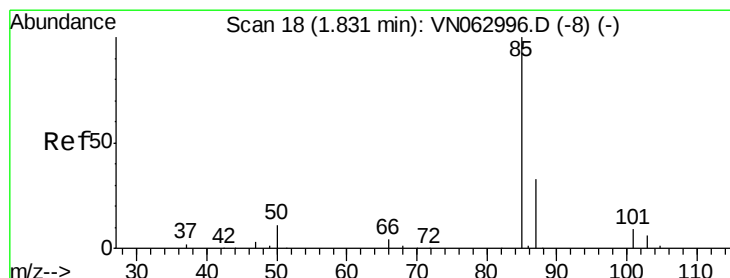
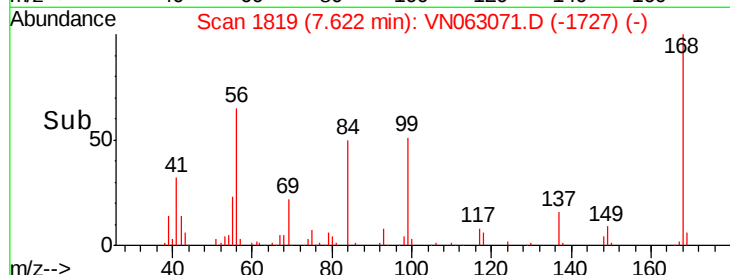
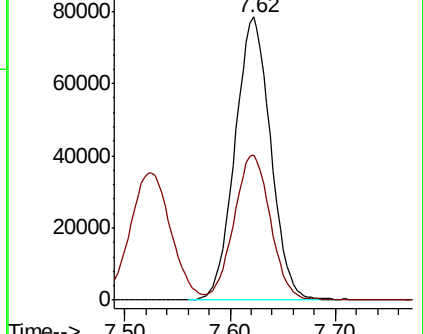
168 100

99 51.1 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 53.657 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN063071.D

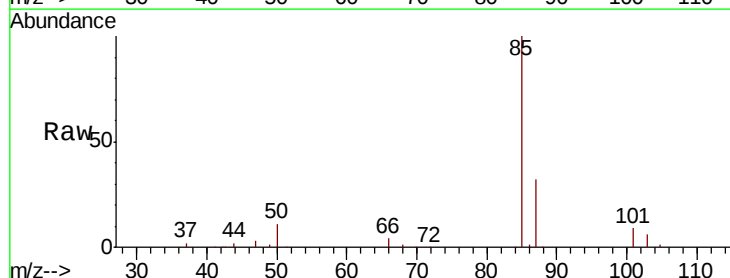
Acq: 21 Aug 2020 9:55

Tgt Ion: 85 Resp: 128976

Ion Ratio Lower Upper

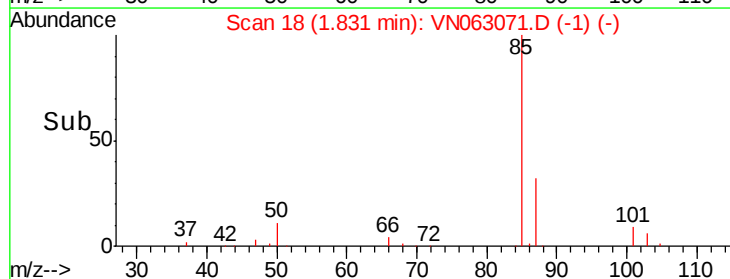
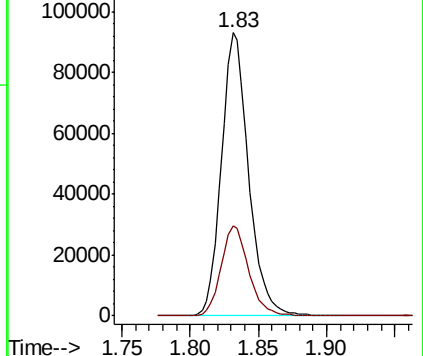
85 100

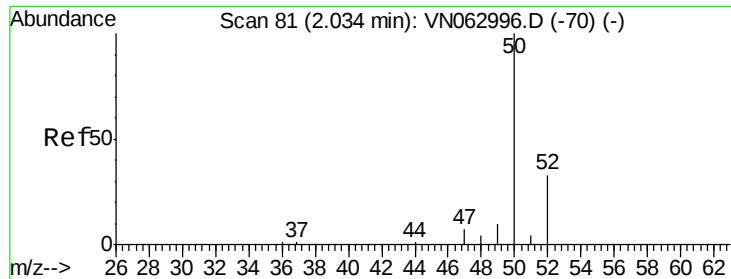
87 31.9 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 54.822 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN063071.D

Acq: 21 Aug 2020 9:55

Instrument :

MSVOA_N

ClientSampleId :

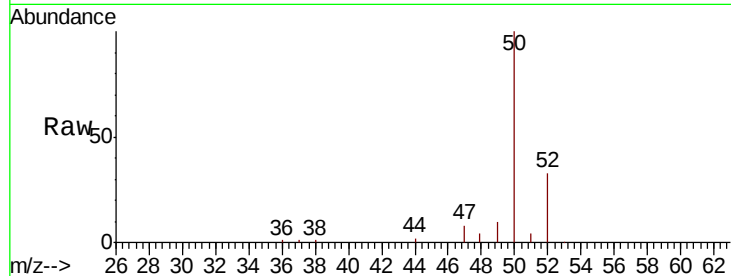
VSTDCCC050

Tot Ion: 50 Resp: 138244

Ion Ratio Lower Upper

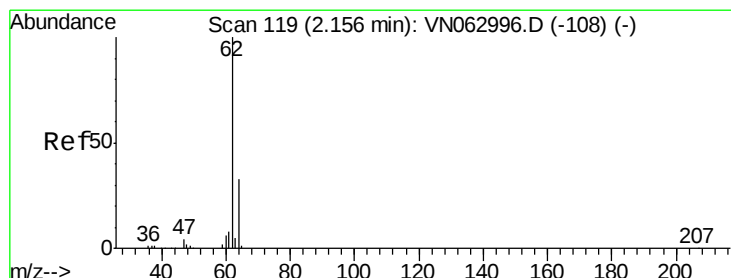
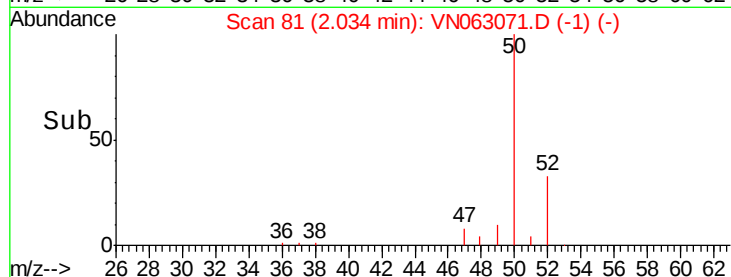
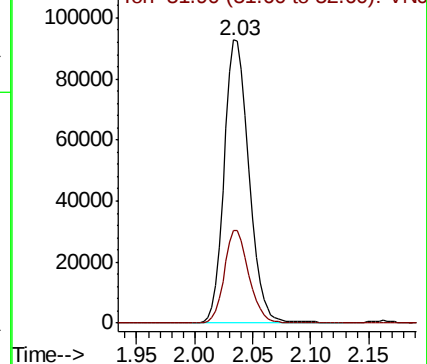
50 100

52 32.9 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 55.828 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN063071.D

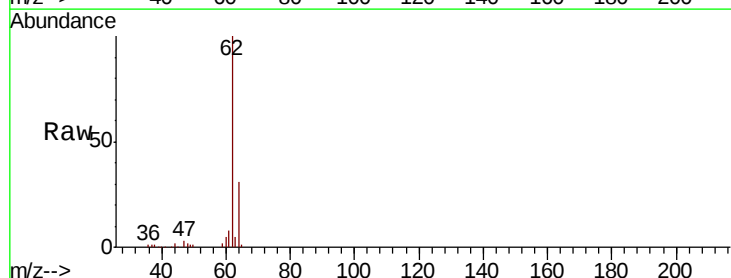
Acq: 21 Aug 2020 9:55

Tgt Ion: 62 Resp: 136148

Ion Ratio Lower Upper

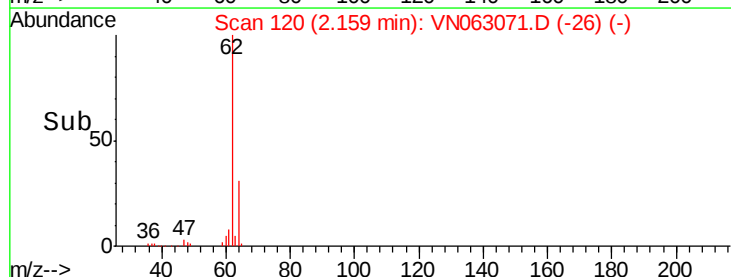
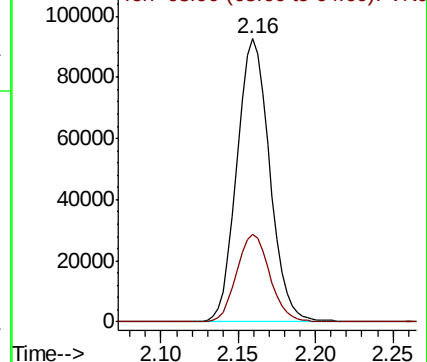
62 100

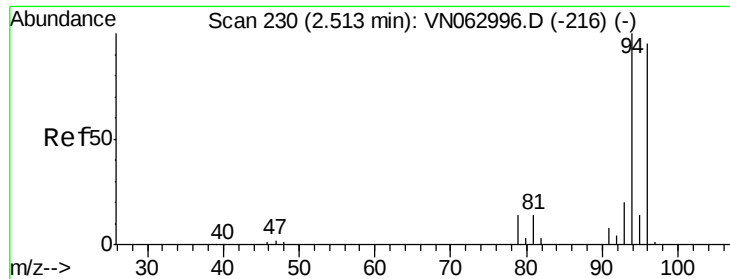
64 31.0 26.2 39.2



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 56.600 ug/l

RT: 2.52 min Scan# 231

Delta R.T. 0.00 min

Lab File: VN063071.D

Acq: 21 Aug 2020 9:55

Instrument :

MSVOA_N

ClientSampleId :

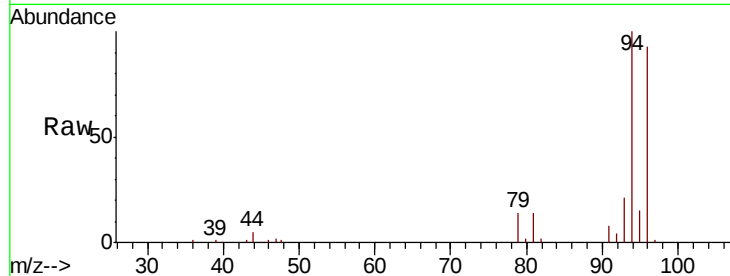
VSTDCCC050

Tot Ion: 94 Resp: 81928

Ion Ratio Lower Upper

94 100

96 92.9 75.8 113.8



Abundance Ion 93.90 (93.60 to 94.60): VN062996.D (-216) (-)

Ion 95.90 (95.60 to 96.60): VN062996.D (-216) (-)

2.52

40000

30000

20000

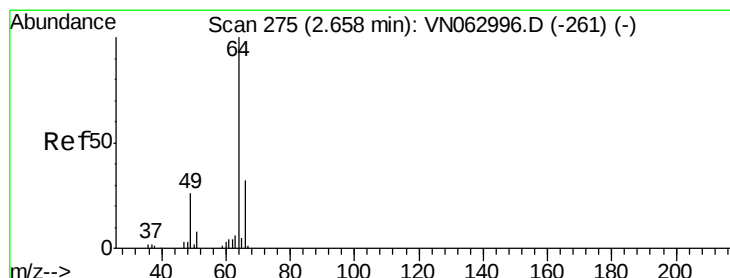
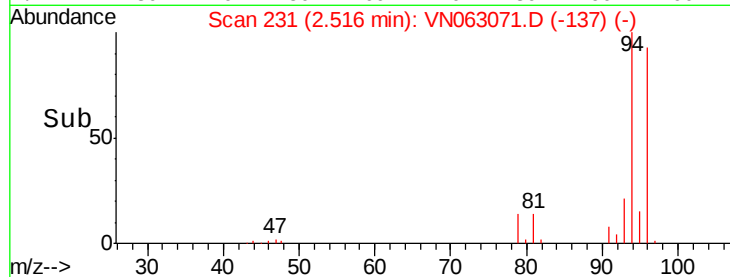
10000

0

Time-->

2.50

2.60



#6

Chloroethane

Concen: 55.778 ug/l

RT: 2.66 min Scan# 276

Delta R.T. 0.00 min

Lab File: VN063071.D

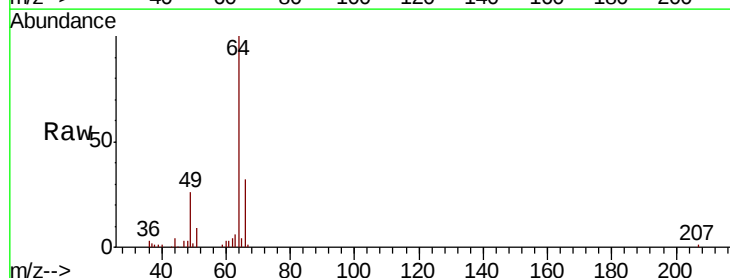
Acq: 21 Aug 2020 9:55

Tgt Ion: 64 Resp: 80311

Ion Ratio Lower Upper

64 100

66 31.5 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VN062996.D (-261) (-)

Ion 65.90 (65.60 to 66.60): VN062996.D (-261) (-)

2.66

40000

30000

20000

10000

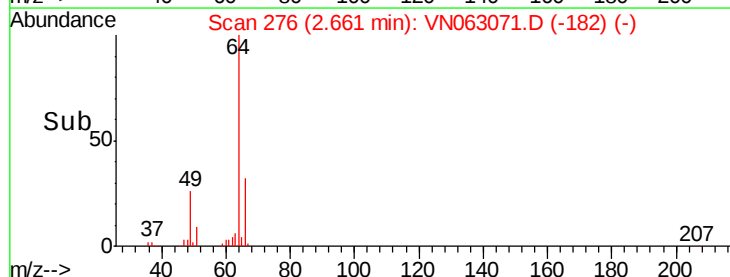
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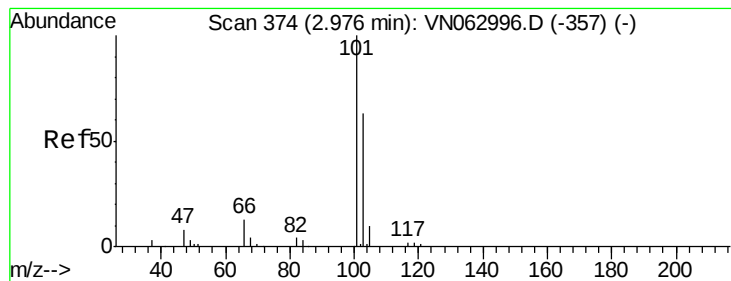
Time-->

2.60

2.70

2.80



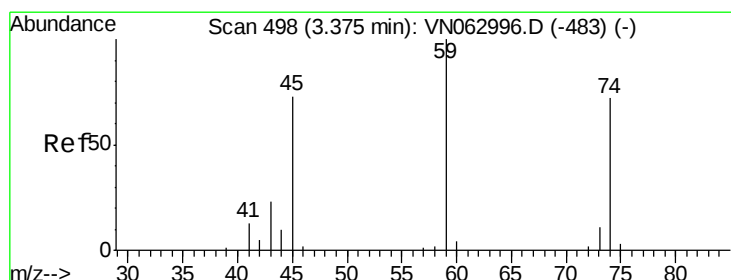
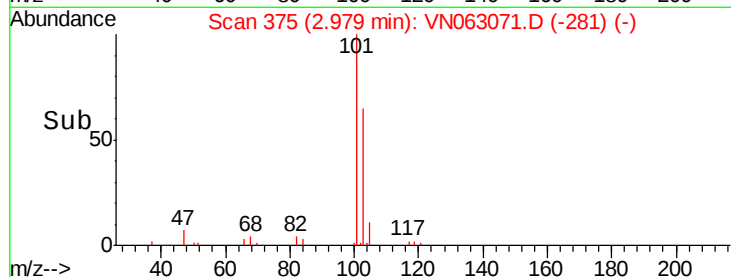
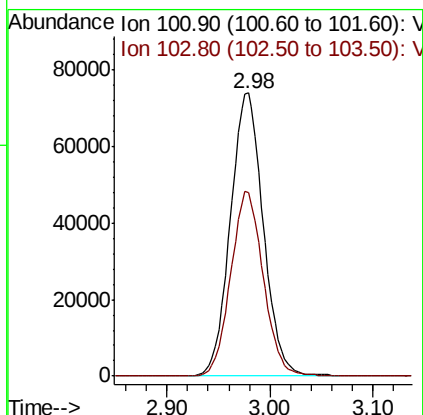
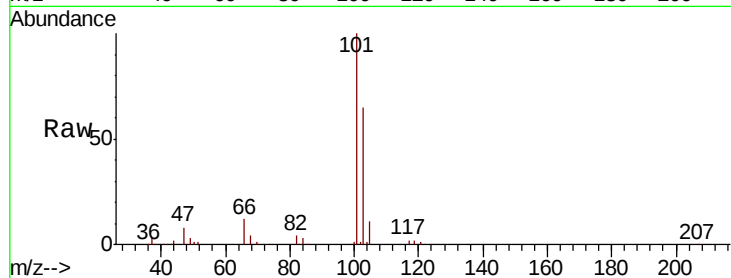


#7

Trichlorofluoromethane
 Concen: 53.958 ug/l
 RT: 2.98 min Scan# 375
 Delta R.T. 0.00 min
 Lab File: VN063071.D
 Acq: 21 Aug 2020 9:55

Instrument :
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 VSTDCCC050

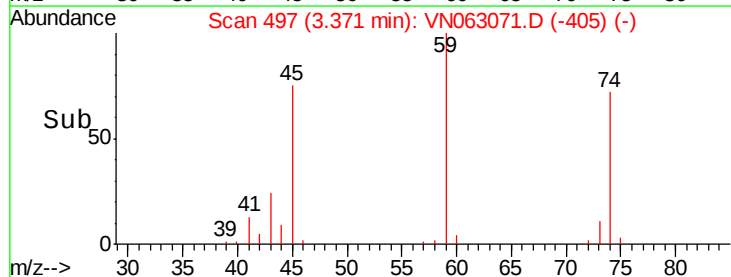
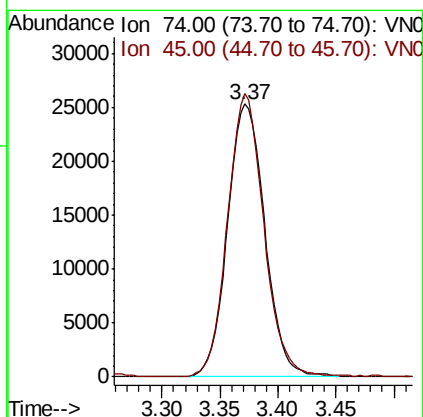
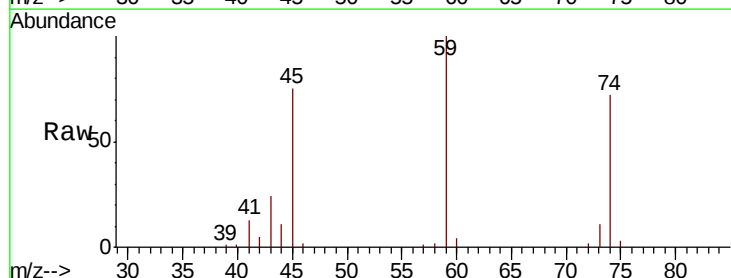
Tot Ion:101 Resp: 164098
 Ion Ratio Lower Upper
 101 100
 103 64.9 50.5 75.7

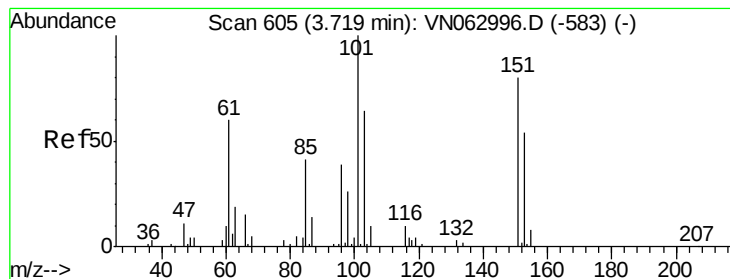


#8

Diethyl Ether
 Concen: 52.563 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: VN063071.D
 Acq: 21 Aug 2020 9:55

Tgt Ion: 74 Resp: 56552
 Ion Ratio Lower Upper
 74 100
 45 101.0 49.9 149.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.996 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN063071.D

Acq: 21 Aug 2020 9:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

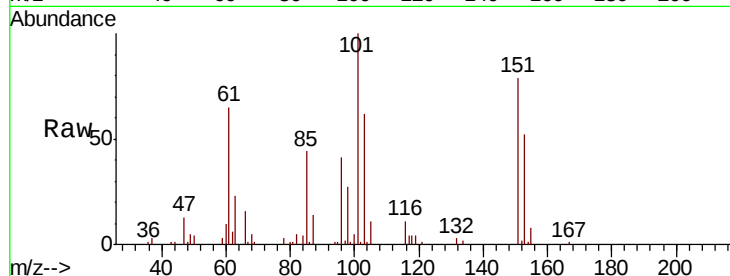
Tot Ion:101 Resp: 85209

Ion Ratio Lower Upper

101 100

85 42.7 34.0 51.0

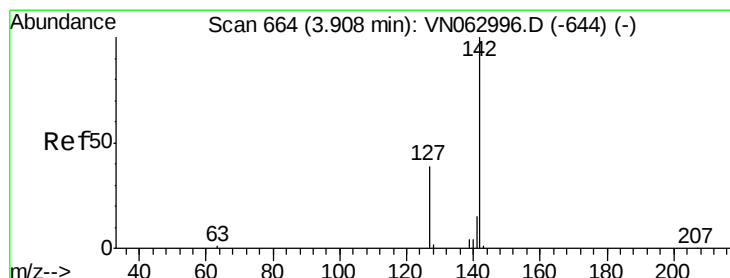
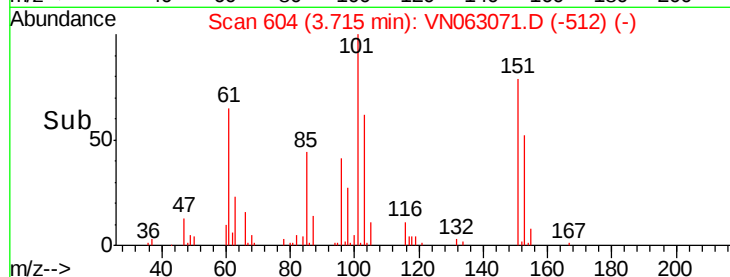
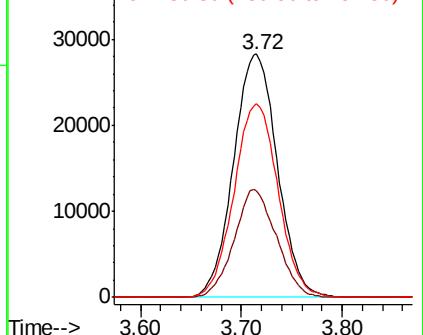
151 80.2 65.8 98.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 53.967 ug/l

RT: 3.91 min Scan# 664

Delta R.T. -0.00 min

Lab File: VN063071.D

Acq: 21 Aug 2020 9:55

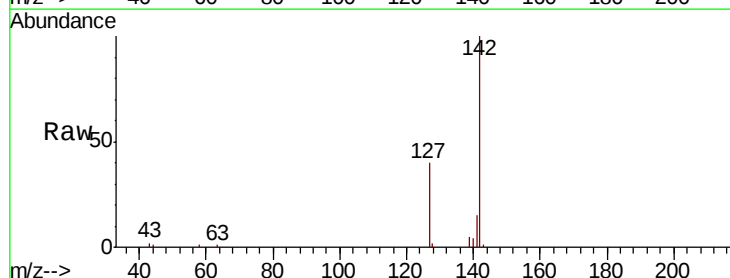
Tgt Ion:142 Resp: 112099

Ion Ratio Lower Upper

142 100

127 41.1 32.2 48.4

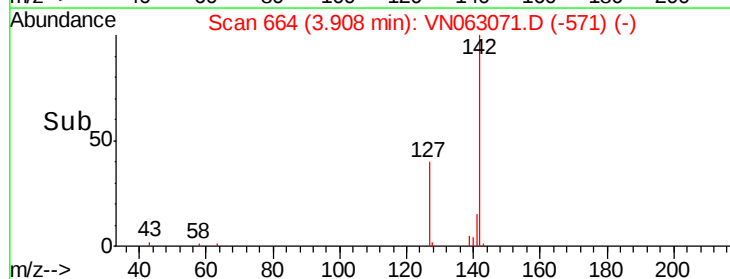
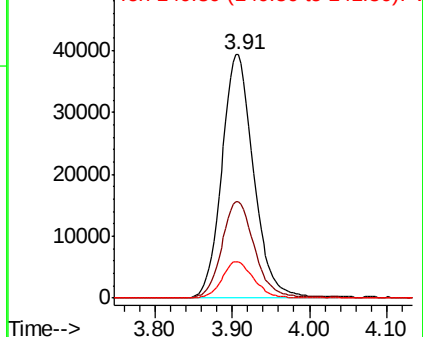
141 14.8 11.3 16.9

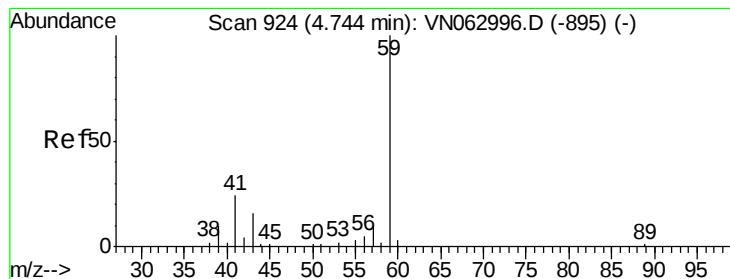


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



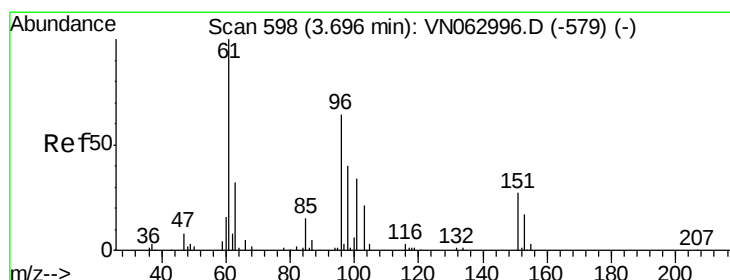
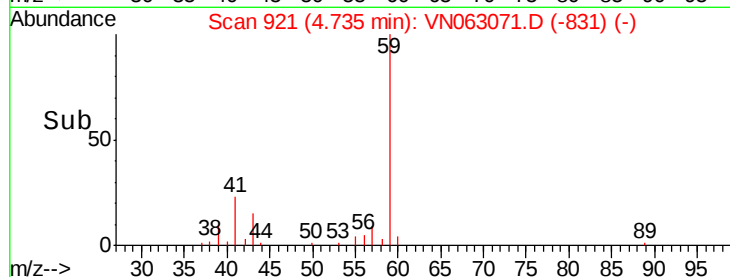
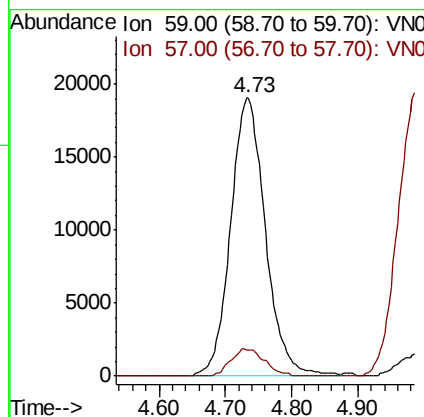
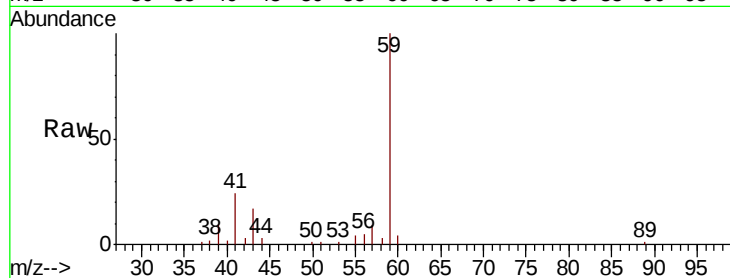


#11

Tert butyl alcohol
 Concen: 225.107 ug/l
 RT: 4.73 min Scan# 921
 Delta R.T. -0.01 min
 Lab File: VN063071.D
 Acq: 21 Aug 2020 9:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

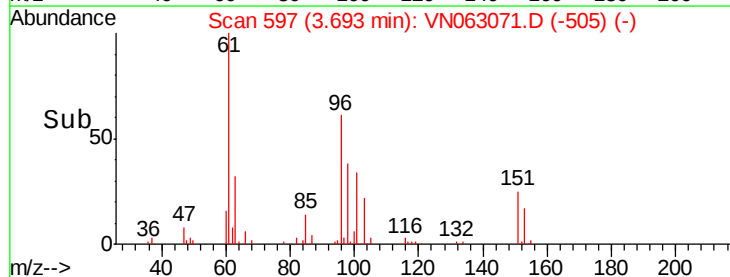
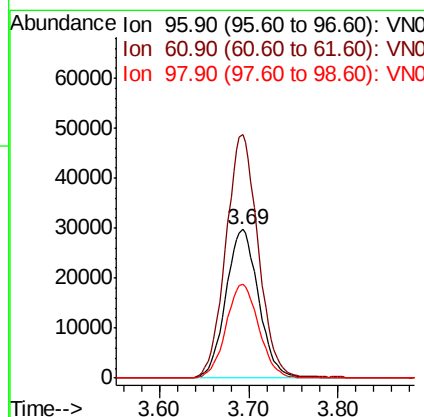
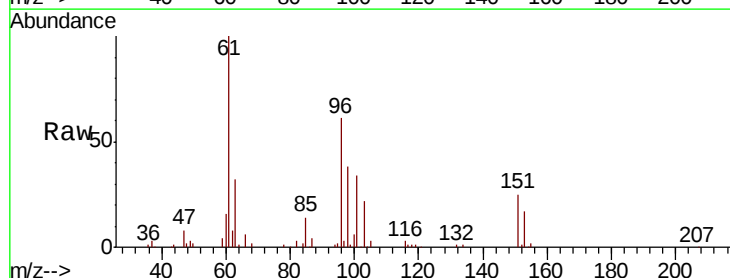
Tot Ion: 59 Resp: 69501
 Ion Ratio Lower Upper
 59 100
 57 9.6 7.8 11.6

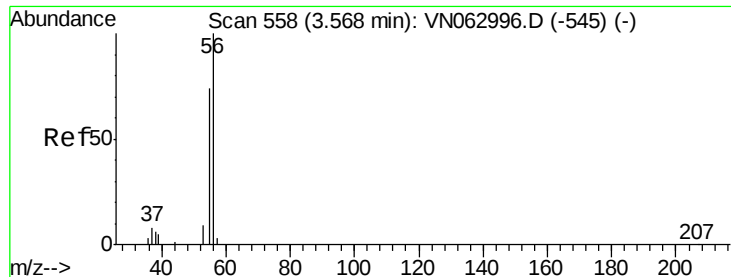


#12

1,1-Dichloroethene
 Concen: 48.525 ug/l
 RT: 3.69 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: VN063071.D
 Acq: 21 Aug 2020 9:55

Tgt Ion: 96 Resp: 75753
 Ion Ratio Lower Upper
 96 100
 61 164.2 125.5 188.3
 98 63.1 50.4 75.6





#13

Acrolein

Concen: 187.619 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN063071.D

Acq: 21 Aug 2020 9:55

Instrument :

MSVOA_N

ClientSampleId :

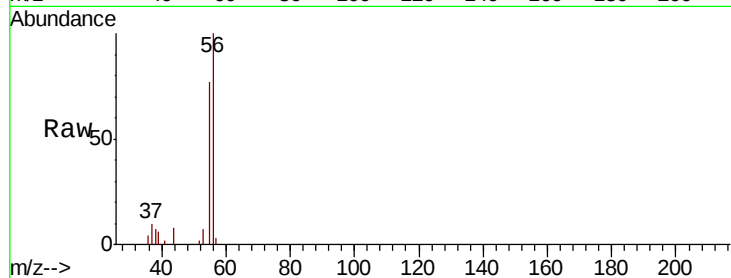
VSTDCCC050

Tot Ion: 56 Resp: 18147

Ion Ratio Lower Upper

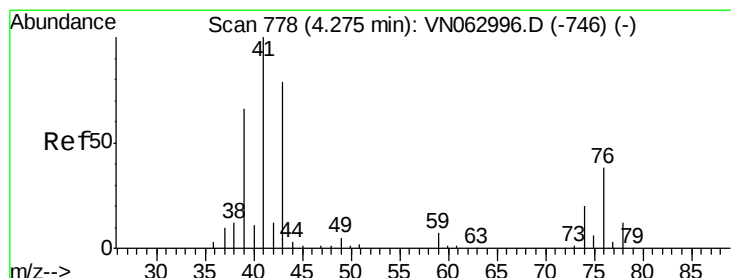
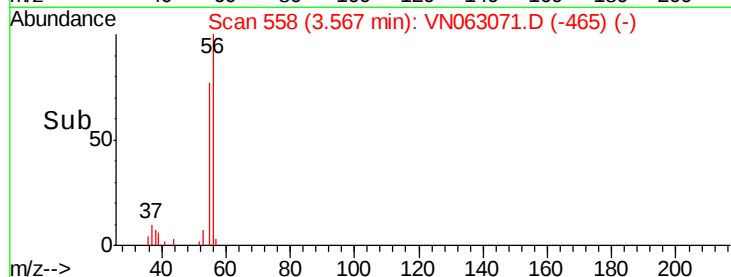
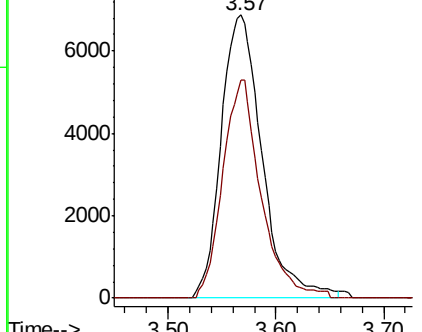
56 100

55 72.1 58.4 87.6



Abundance Ion 56.00 (55.70 to 56.70): VN062996.D (-545) (-)

Ion 55.00 (54.70 to 55.70): VN062996.D (-545) (-)



#14

Allyl chloride

Concen: 52.237 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN063071.D

Acq: 21 Aug 2020 9:55

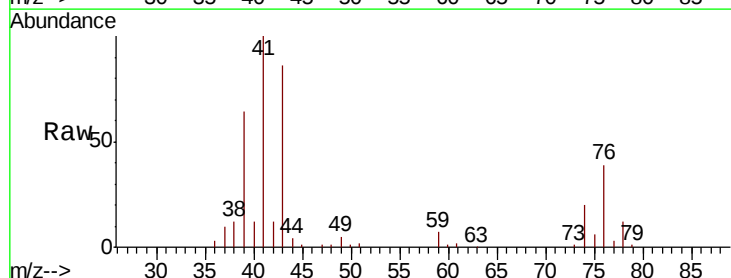
Tgt Ion: 41 Resp: 143785

Ion Ratio Lower Upper

41 100

39 60.1 47.9 71.9

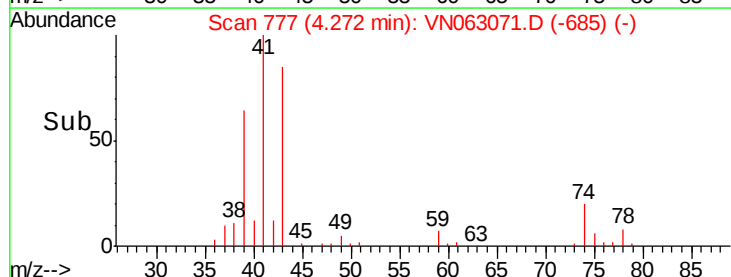
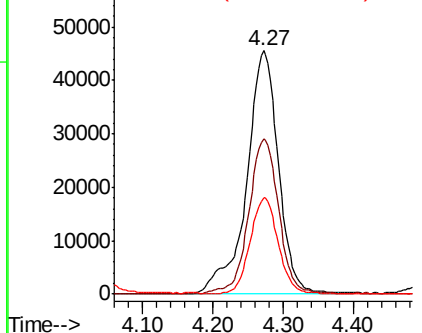
76 34.8 27.0 40.6

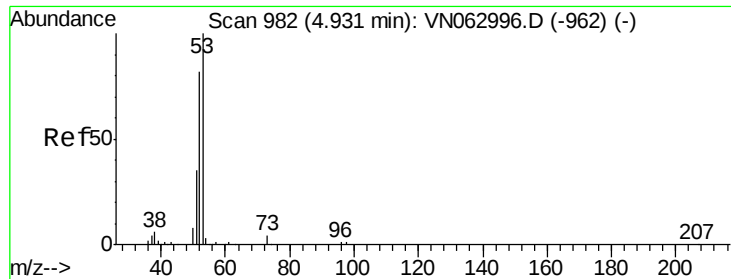


Abundance Ion 41.00 (40.70 to 41.70): VN062996.D (-746) (-)

Ion 39.00 (38.70 to 39.70): VN062996.D (-746) (-)

Ion 75.90 (75.60 to 76.60): VN062996.D (-746) (-)





#15

Acrylonitrile

Concen: 271.711 ug/l

RT: 4.93 min Scan# 981

Delta R.T. -0.00 min

Lab File: VN063071.D

Acq: 21 Aug 2020 9:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

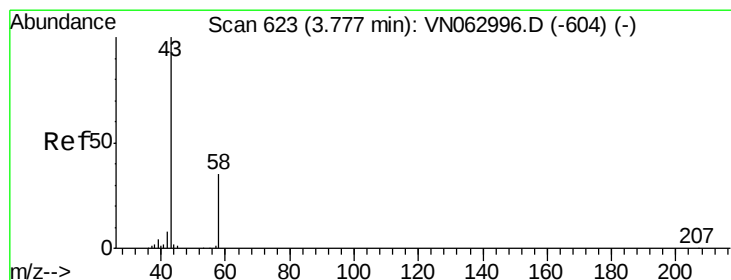
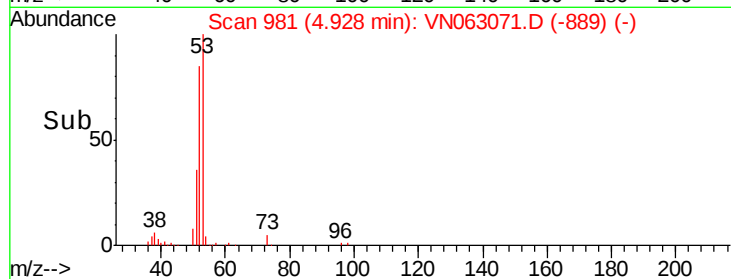
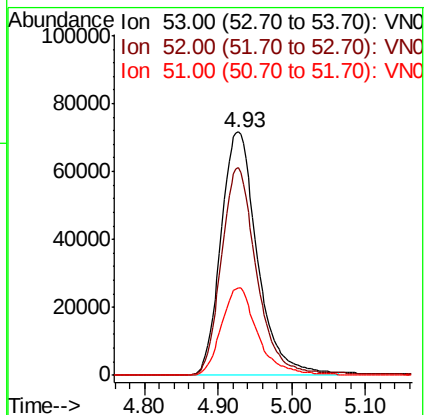
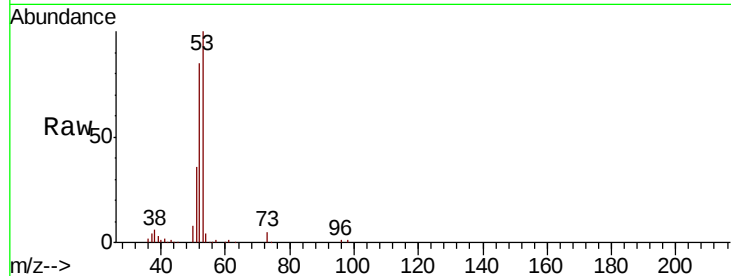
Tot Ion: 53 Resp: 246568

Ion Ratio Lower Upper

53 100

52 82.2 65.6 98.4

51 36.1 28.2 42.4



#16

Acetone

Concen: 330.410 ug/l

RT: 3.77 min Scan# 622

Delta R.T. -0.00 min

Lab File: VN063071.D

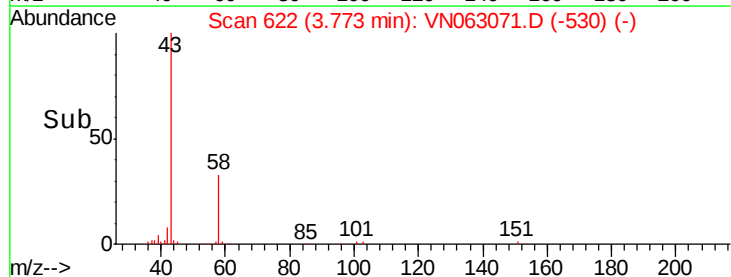
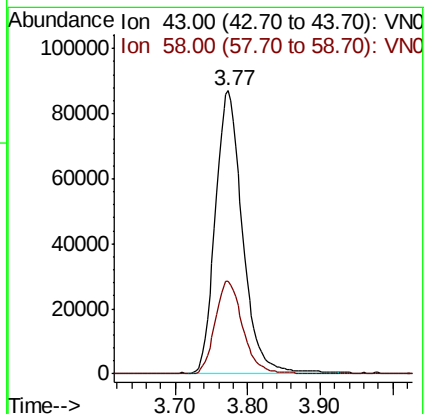
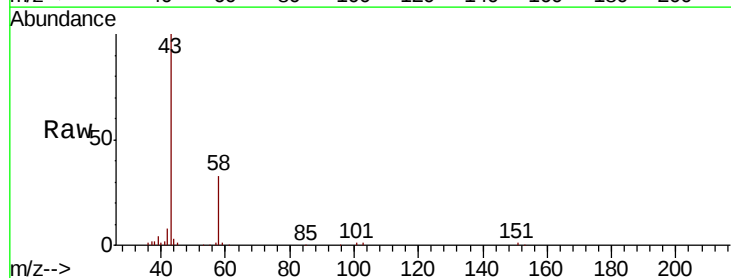
Acq: 21 Aug 2020 9:55

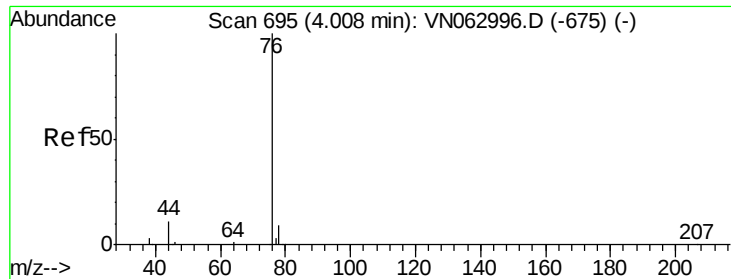
Tgt Ion: 43 Resp: 223728

Ion Ratio Lower Upper

43 100

58 32.7 27.8 41.6

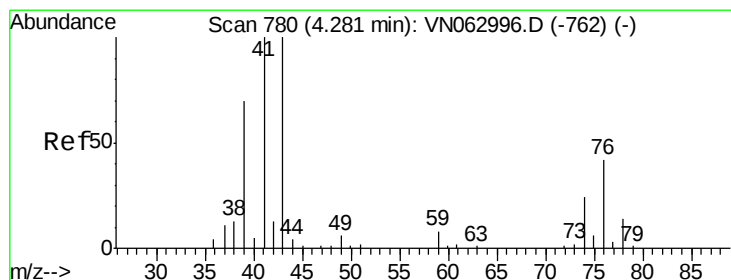
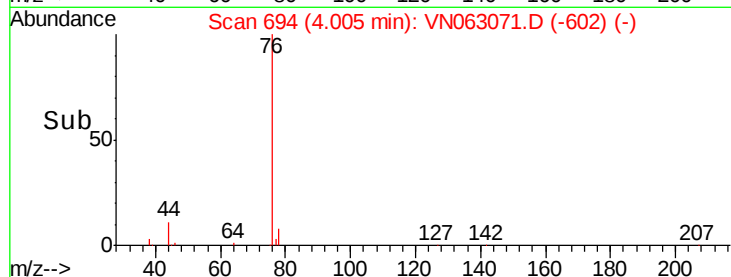
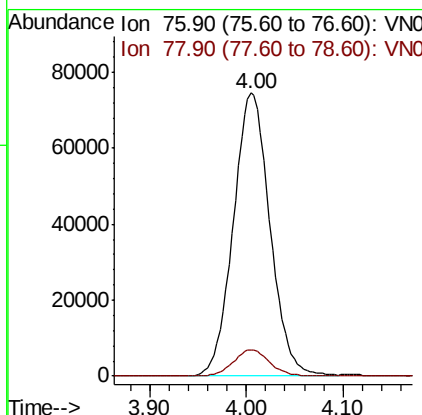
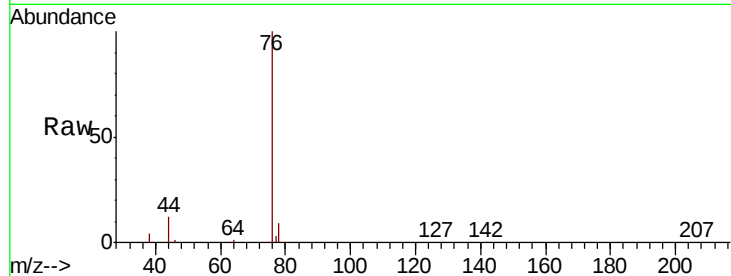




#17
Carbon Disulfide
Concen: 48.008 ug/l
RT: 4.00 min Scan# 694
Delta R.T. -0.00 min
Lab File: VN063071.D
Acq: 21 Aug 2020 9:55

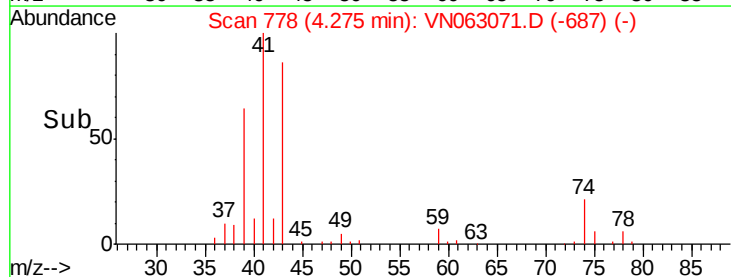
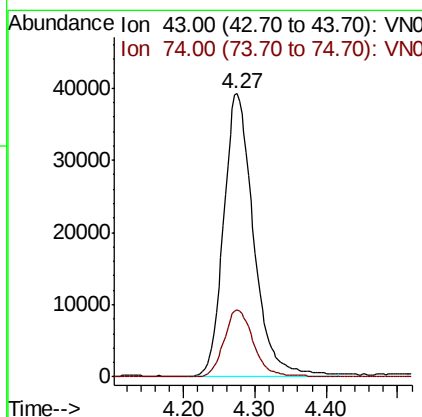
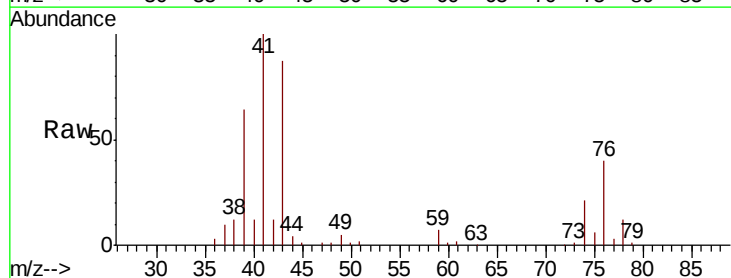
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

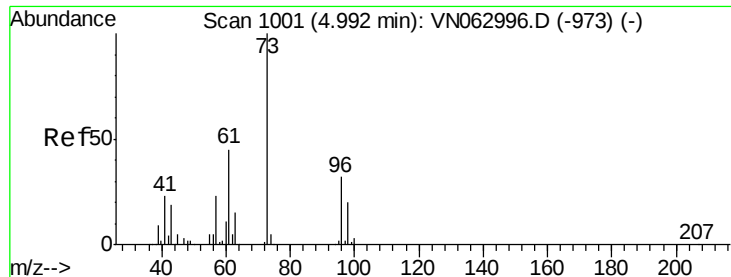
Tot Ion: 76 Resp: 196277
Ion Ratio Lower Upper
76 100
78 9.3 6.9 10.3



#18
Methyl Acetate
Concen: 53.267 ug/l
RT: 4.27 min Scan# 778
Delta R.T. -0.01 min
Lab File: VN063071.D
Acq: 21 Aug 2020 9:55

Tgt Ion: 43 Resp: 115384
Ion Ratio Lower Upper
43 100
74 23.1 18.6 28.0



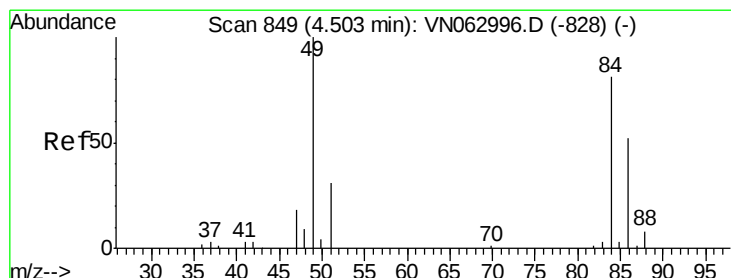
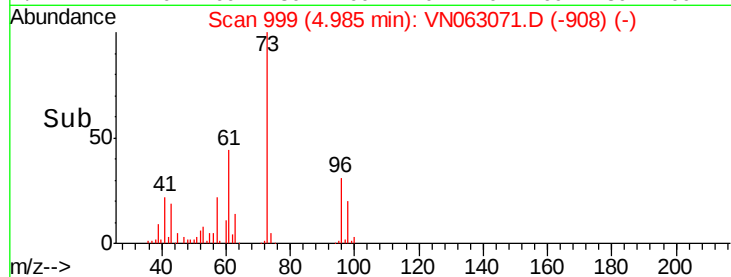
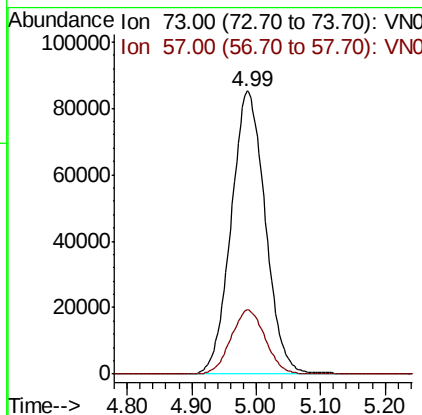
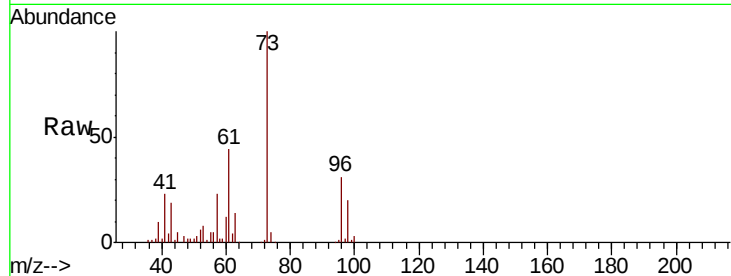


#19

Methyl tert-butyl Ether
 Concen: 57.625 ug/l
 RT: 4.99 min Scan# 999
 Delta R.T. -0.01 min
 Lab File: VN063071.D
 Acq: 21 Aug 2020 9:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

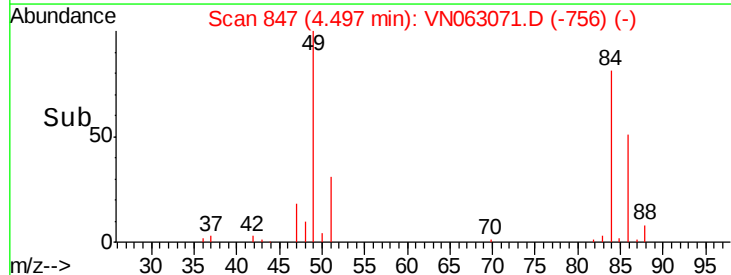
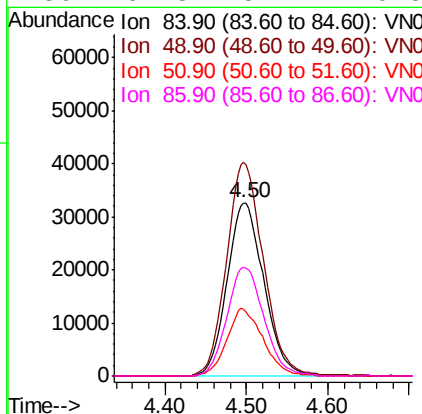
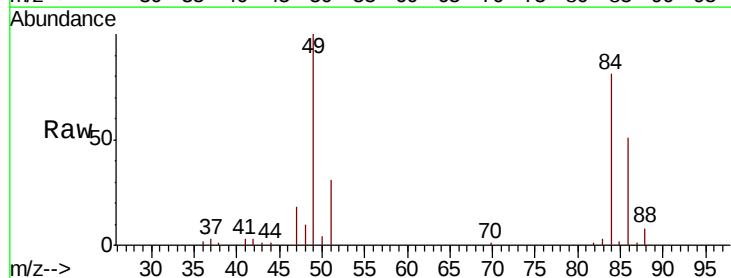
Tot Ion: 73 Resp: 313730
 Ion Ratio Lower Upper
 73 100
 57 22.8 18.1 27.1

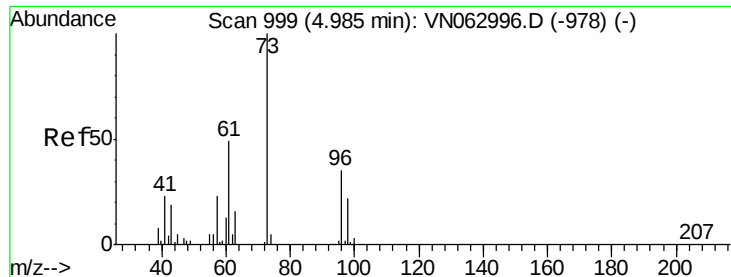


#20

Methylene Chloride
 Concen: 53.831 ug/l
 RT: 4.50 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: VN063071.D
 Acq: 21 Aug 2020 9:55

Tgt Ion: 84 Resp: 103254
 Ion Ratio Lower Upper
 84 100
 49 123.4 98.7 148.1
 51 38.4 30.8 46.2
 86 62.8 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 52.784 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN063071.D

Acq: 21 Aug 2020 9:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

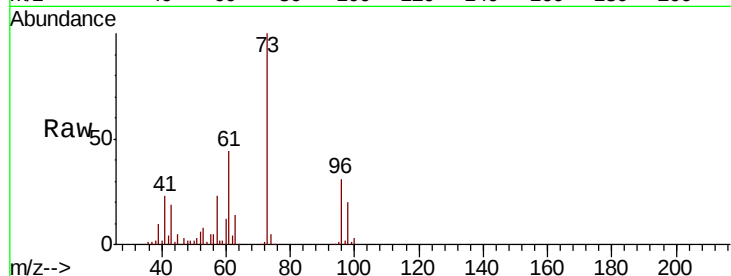
Tot Ion: 96 Resp: 86235

Ion Ratio Lower Upper

96 100

61 140.1 112.5 168.7

98 64.5 49.4 74.0

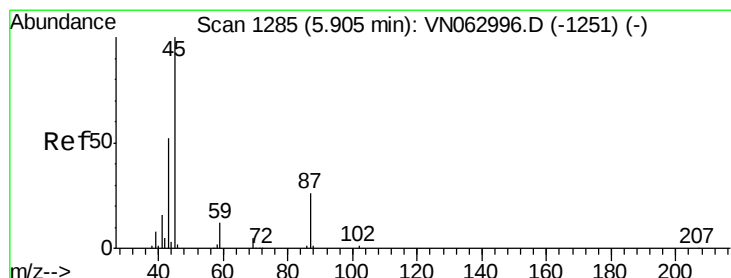
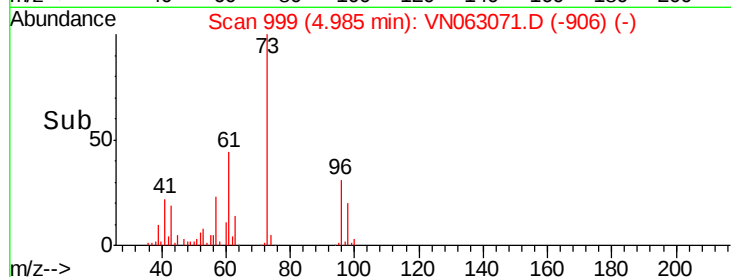
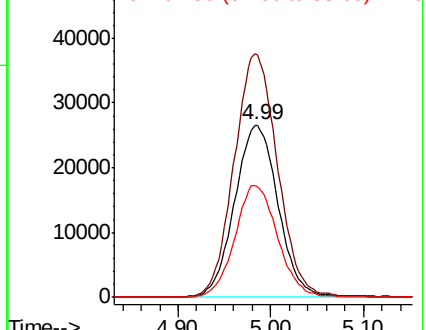


Abundance

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



#22

Diisopropyl ether

Concen: 58.460 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. -0.01 min

Lab File: VN063071.D

Acq: 21 Aug 2020 9:55

Tgt Ion: 45 Resp: 365154

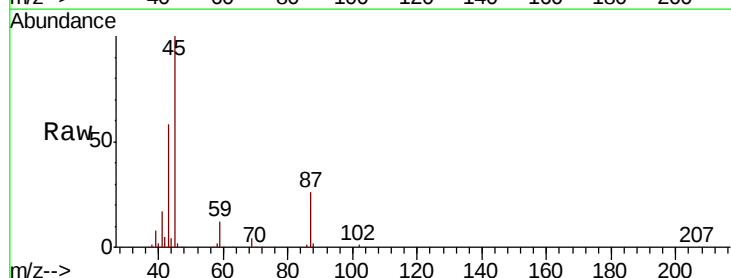
Ion Ratio Lower Upper

45 100

43 56.3 45.7 68.5

87 26.4 21.8 32.6

59 12.0 9.3 13.9



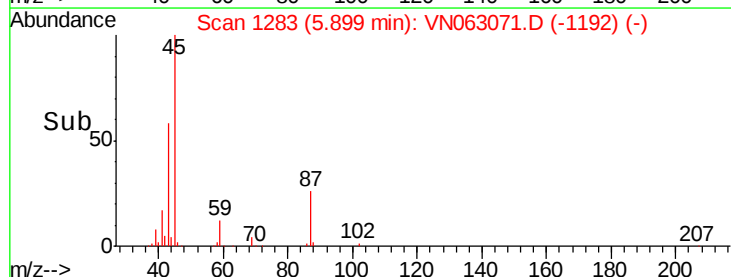
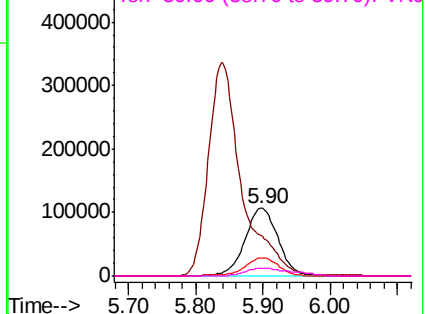
Abundance

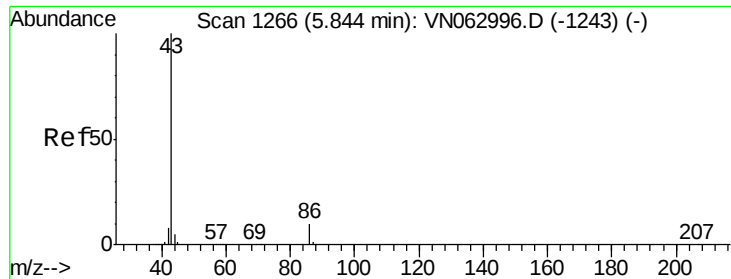
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0

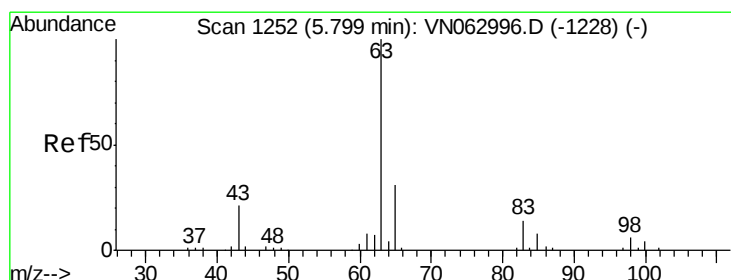
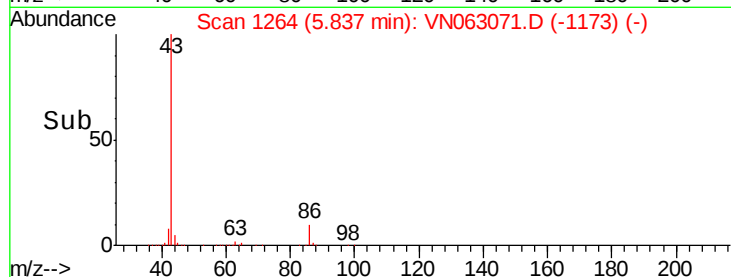
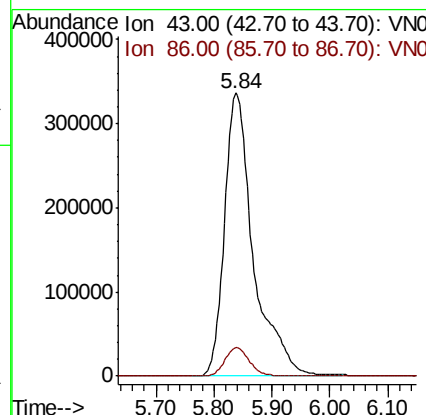
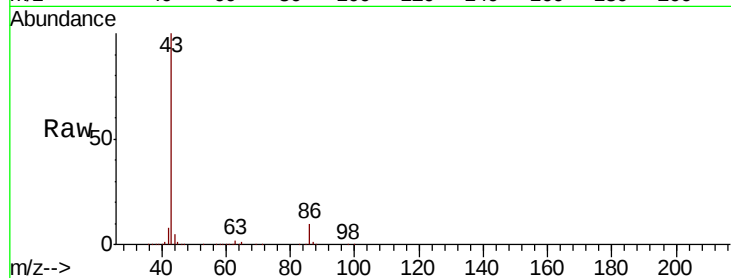




#23
 Vinyl Acetate
 Concen: 276.436 ug/l
 RT: 5.84 min Scan# 1264
 Delta R.T. -0.01 min
 Lab File: VN063071.D
 Acq: 21 Aug 2020 9:55

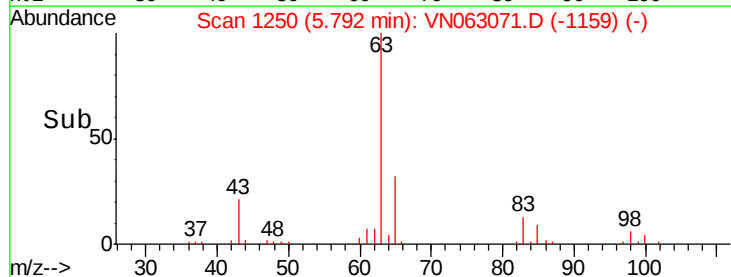
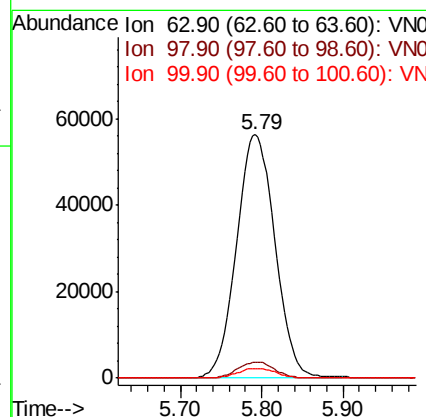
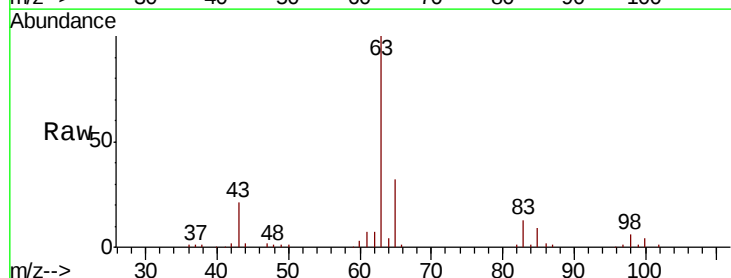
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

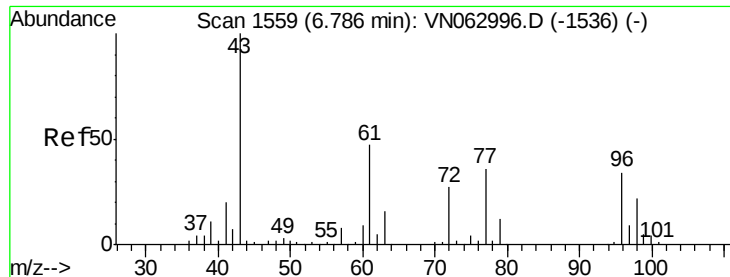
Tot Ion: 43 Resp: 1165190
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.0 12.0



#24
 1,1-Dichloroethane
 Concen: 52.844 ug/l
 RT: 5.79 min Scan# 1250
 Delta R.T. -0.01 min
 Lab File: VN063071.D
 Acq: 21 Aug 2020 9:55

Tgt Ion: 63 Resp: 184449
 Ion Ratio Lower Upper
 63 100
 98 6.4 2.9 8.7
 100 3.9 2.0 5.8

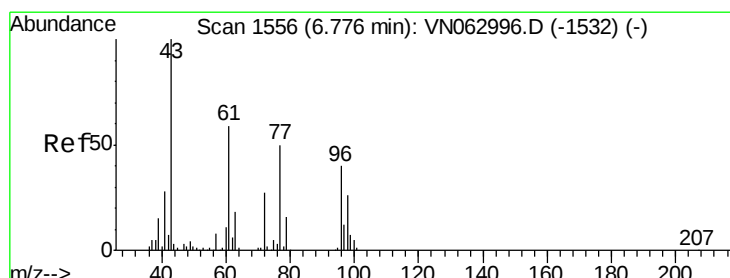
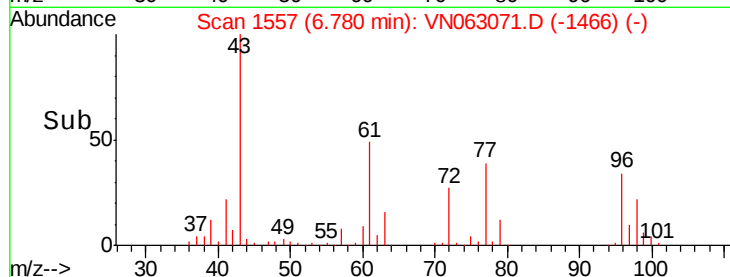
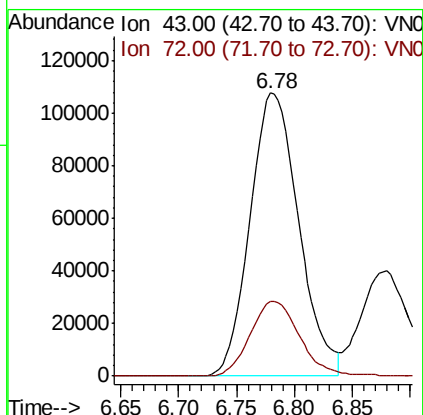
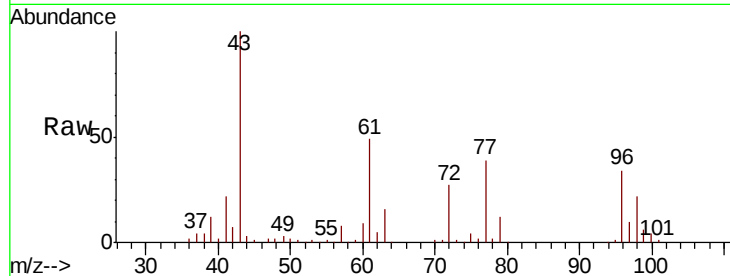




#25
2-Butanone
Concen: 272.478 ug/l
RT: 6.78 min Scan# 1557
Delta R.T. -0.01 min
Lab File: VN063071.D
Acq: 21 Aug 2020 9:55

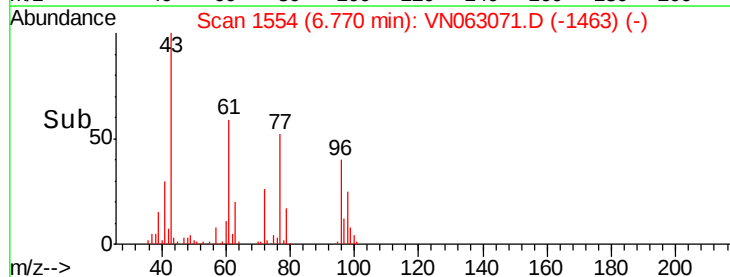
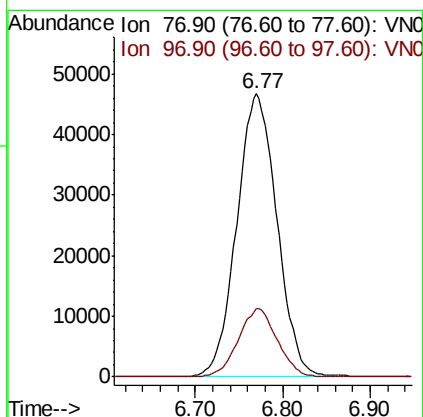
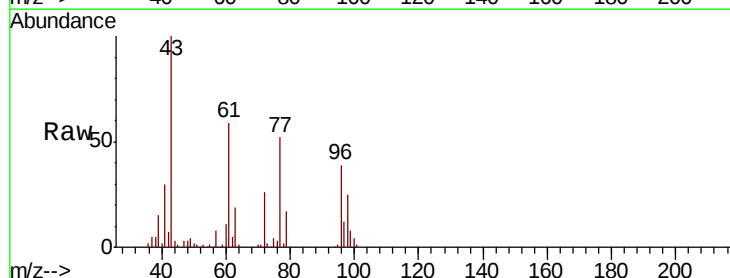
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

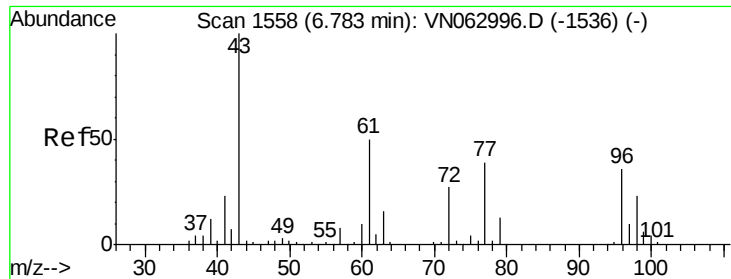
Tot Ion: 43 Resp: 315316
Ion Ratio Lower Upper
43 100
72 26.5 21.8 32.6



#26
2,2-Dichloropropane
Concen: 54.166 ug/l
RT: 6.77 min Scan# 1554
Delta R.T. -0.01 min
Lab File: VN063071.D
Acq: 21 Aug 2020 9:55

Tgt Ion: 77 Resp: 148688
Ion Ratio Lower Upper
77 100
97 23.3 11.7 35.1





#27

cis-1,2-Dichloroethene

Concen: 52.984 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. -0.01 min

Lab File: VN063071.D

Acq: 21 Aug 2020 9:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

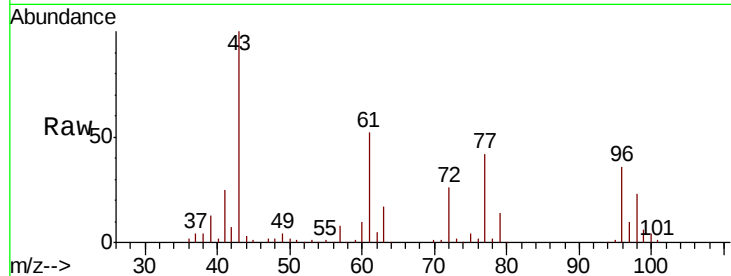
Tot Ion: 96 Resp: 108496

Ion Ratio Lower Upper

96 100

61 149.8 0.0 292.8

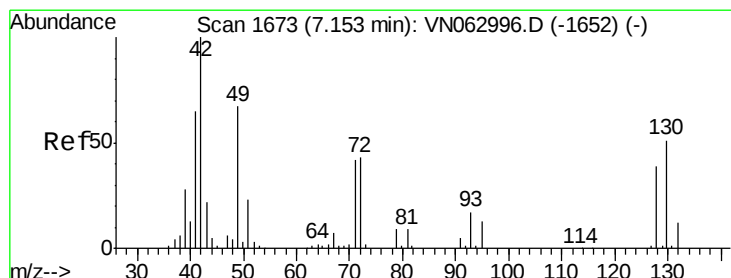
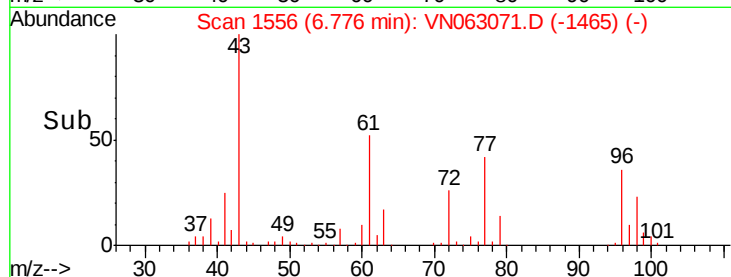
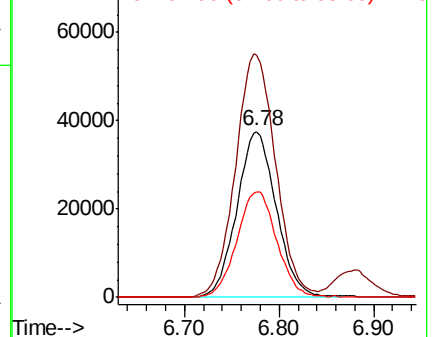
98 64.5 0.0 130.6



Abundance Ion 95.90 (95.60 to 96.60): VN062996.D (-1536) (-)

Ion 60.90 (60.60 to 61.60): VN062996.D (-1536) (-)

Ion 97.90 (97.60 to 98.60): VN062996.D (-1536) (-)



#28

Bromochloromethane

Concen: 51.008 ug/l

RT: 7.15 min Scan# 1671

Delta R.T. -0.01 min

Lab File: VN063071.D

Acq: 21 Aug 2020 9:55

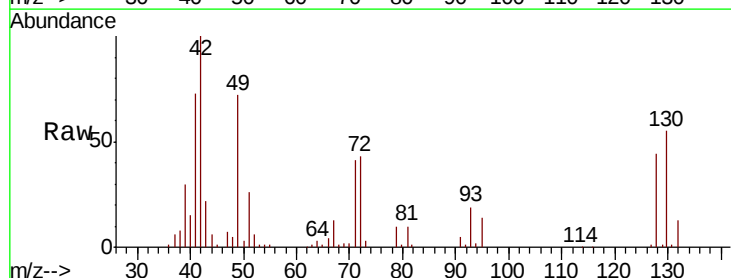
Tgt Ion: 49 Resp: 93156

Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.6

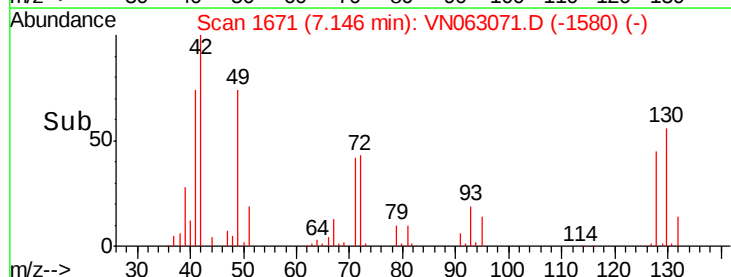
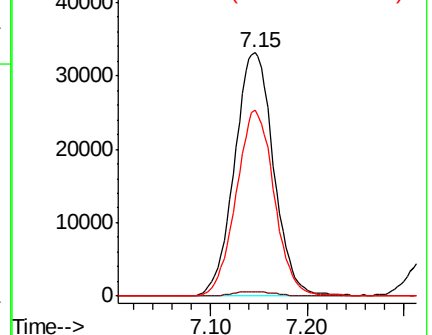
130 74.1 61.1 91.7

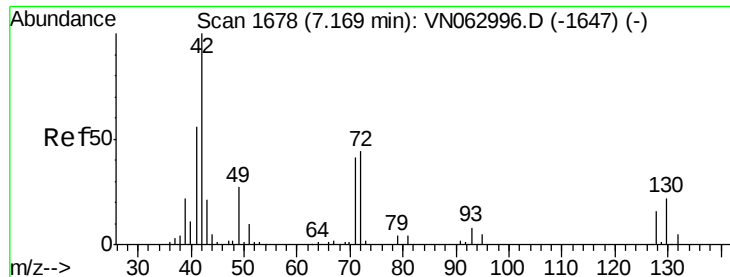


Abundance Ion 48.90 (48.60 to 49.60): VN062996.D (-1652) (-)

Ion 128.80 (128.50 to 129.50): VN062996.D (-1652) (-)

Ion 129.80 (129.50 to 130.50): VN062996.D (-1652) (-)

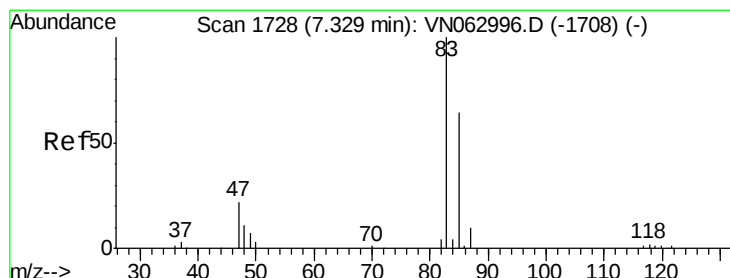
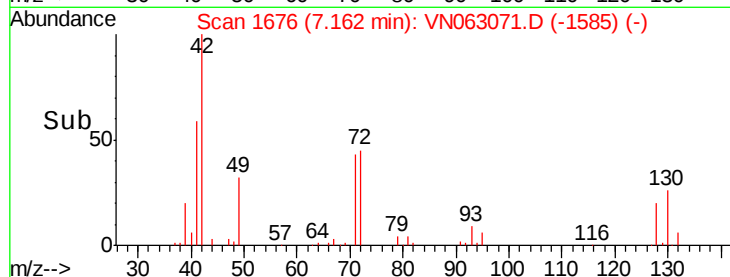
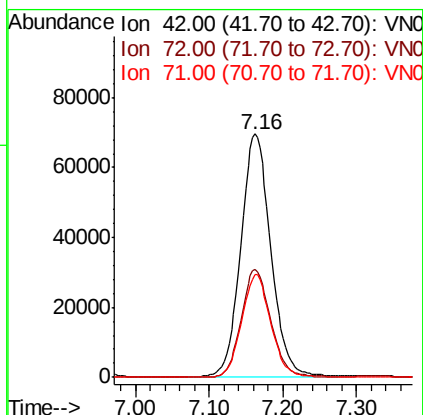
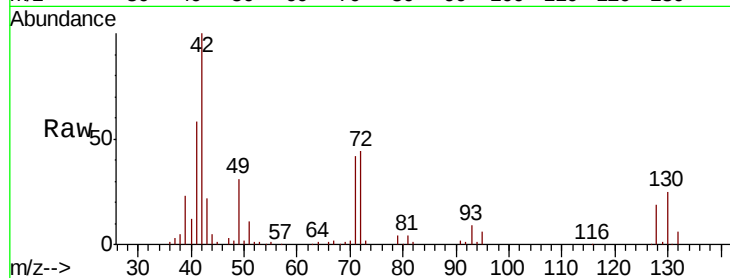




#29
Tetrahydrofuran
Concen: 266.512 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. -0.01 min
Lab File: VN063071.D
Acq: 21 Aug 2020 9:55

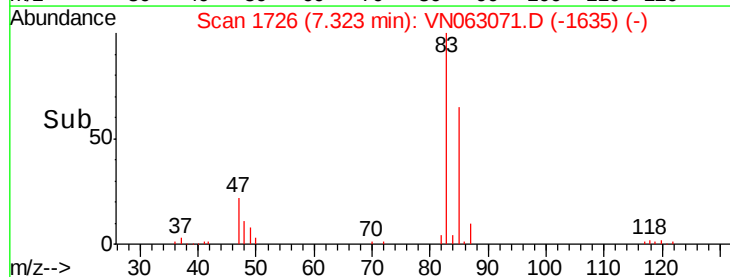
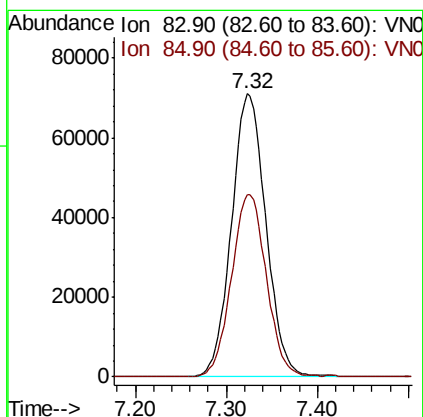
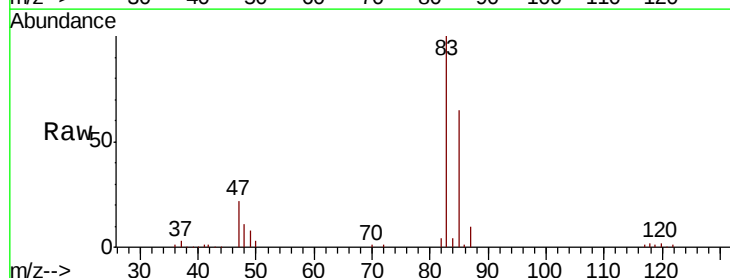
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

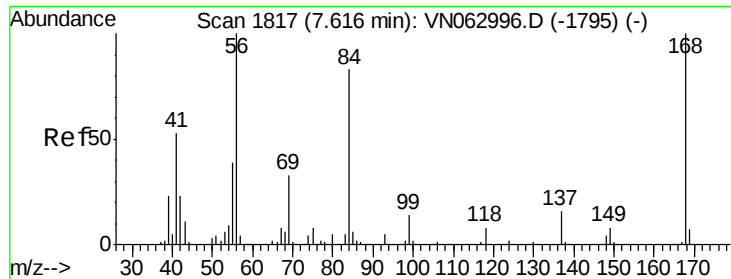
Tot Ion: 42 Resp: 199049
Ion Ratio Lower Upper
42 100
72 43.4 34.6 52.0
71 40.7 32.3 48.5



#30
Chloroform
Concen: 53.123 ug/l
RT: 7.32 min Scan# 1726
Delta R.T. -0.01 min
Lab File: VN063071.D
Acq: 21 Aug 2020 9:55

Tgt Ion: 83 Resp: 186744
Ion Ratio Lower Upper
83 100
85 64.6 51.5 77.3

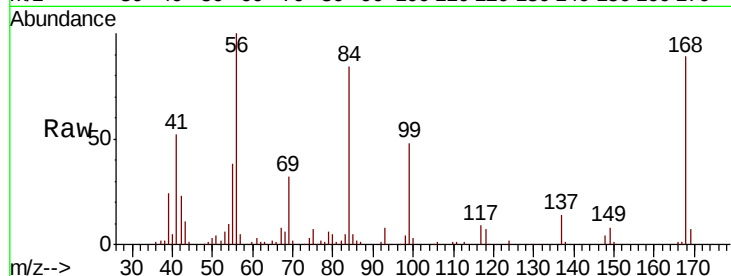




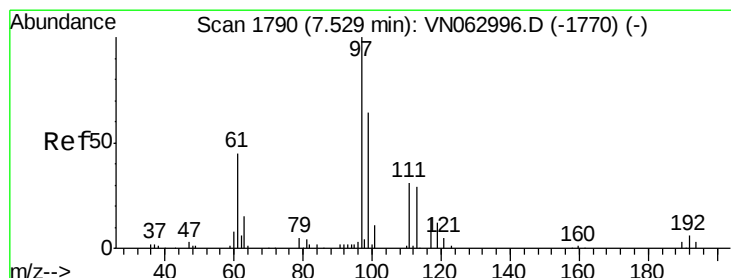
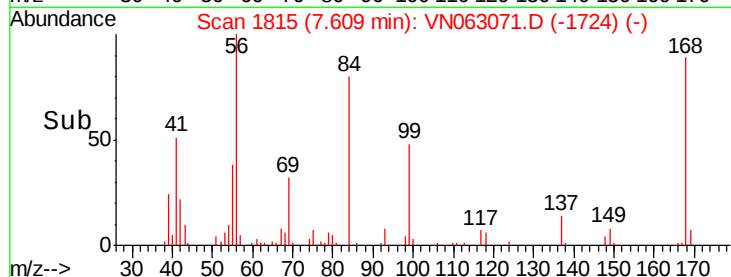
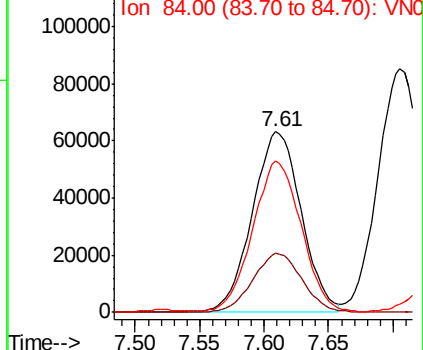
#31
Cyclohexane
Concen: 52.014 ug/l
RT: 7.61 min Scan# 1815
Delta R.T. -0.01 min
Lab File: VN063071.D
Acq: 21 Aug 2020 9:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 56 Resp: 167100
Ion Ratio Lower Upper
56 100
69 32.5 26.6 40.0
84 83.1 66.4 99.6

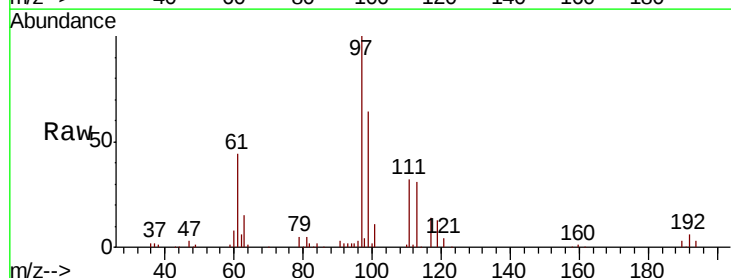


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

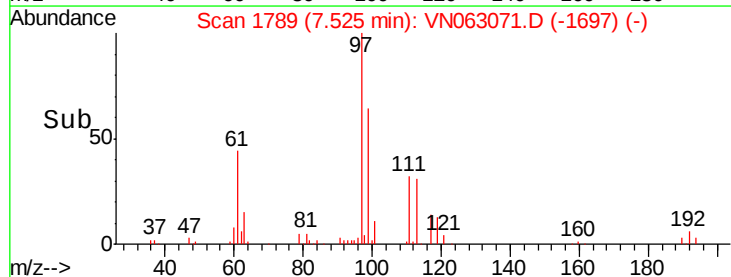
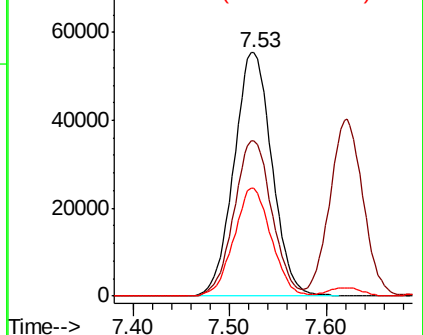


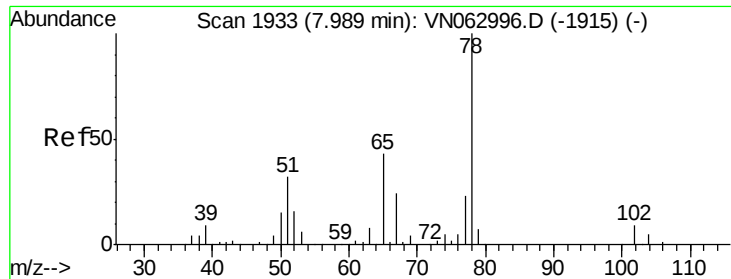
#32
1,1,1-Trichloroethane
Concen: 52.697 ug/l
RT: 7.53 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VN063071.D
Acq: 21 Aug 2020 9:55

Tgt Ion: 97 Resp: 151234
Ion Ratio Lower Upper
97 100
99 63.7 52.0 78.0
61 43.6 36.2 54.4



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0

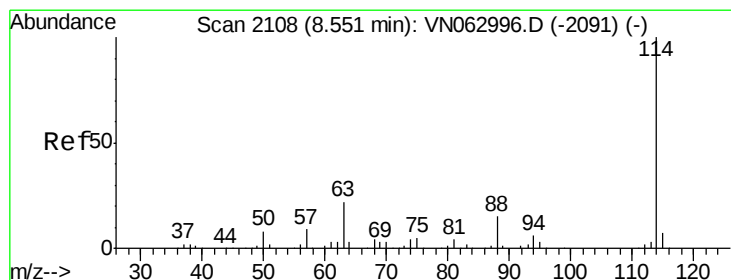
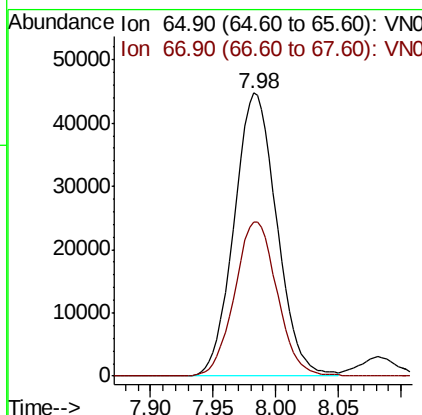
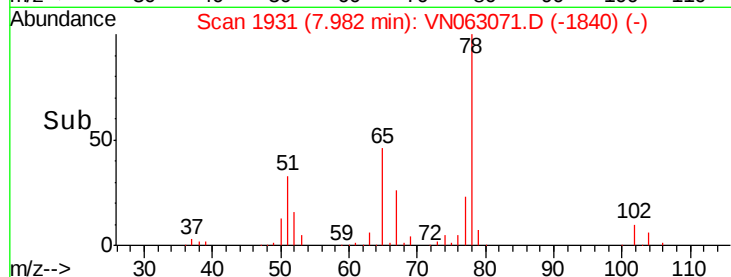
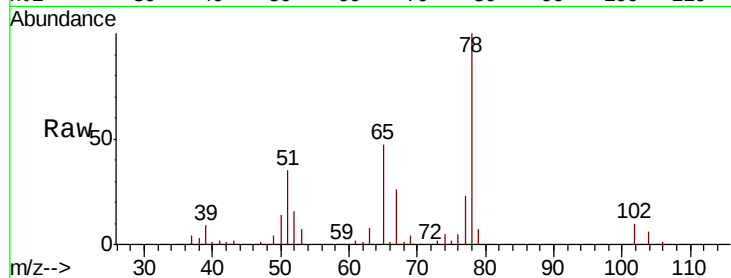




#33
 1,2-Dichloroethane-d4
 Concen: 48.465 ug/l
 RT: 7.98 min Scan# 1931
 Delta R.T. -0.01 min
 Lab File: VN063071.D
 Acq: 21 Aug 2020 9:55

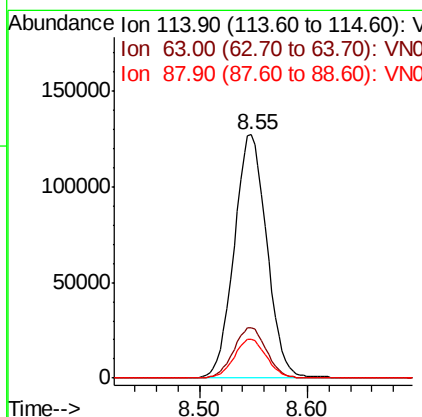
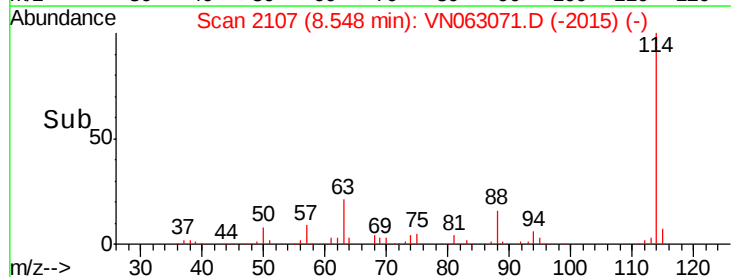
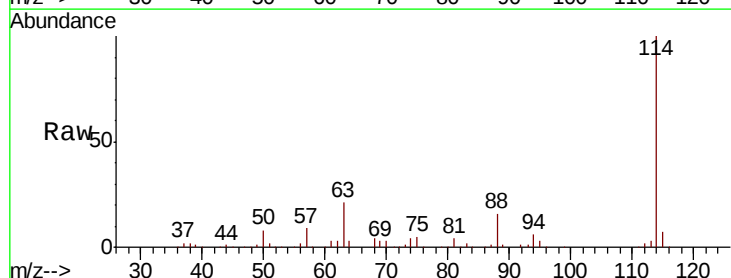
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

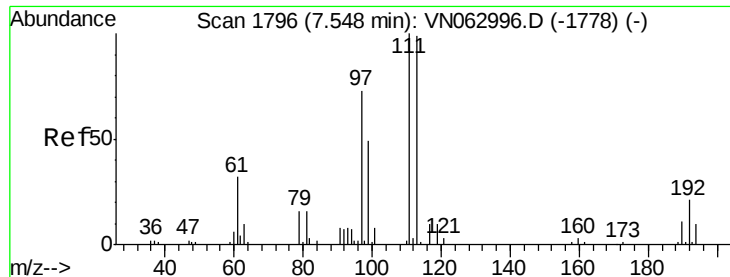
Tot Ion: 65 Resp: 105640
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN063071.D
 Acq: 21 Aug 2020 9:55

Tgt Ion: 114 Resp: 268655
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 43.2
 88 16.1 0.0 30.6

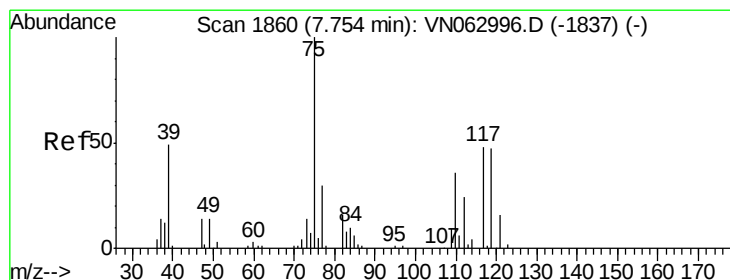
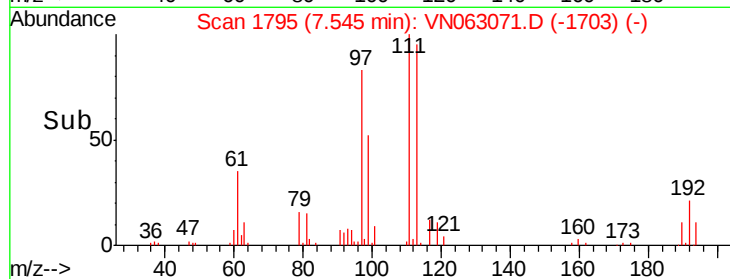
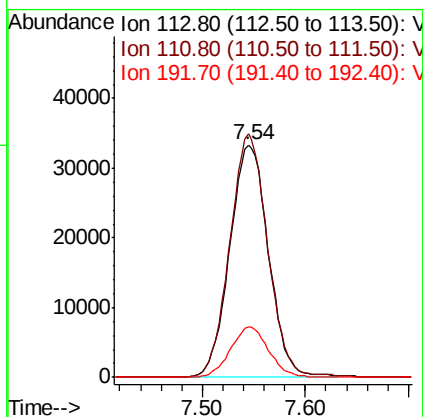
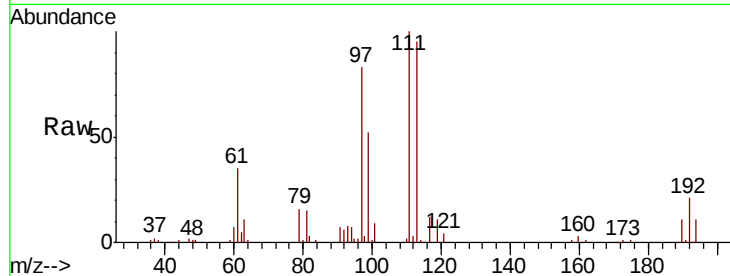




#35
 Dibromofluoromethane
 Concen: 49.726 ug/l
 RT: 7.54 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VN063071.D
 Acq: 21 Aug 2020 9:55

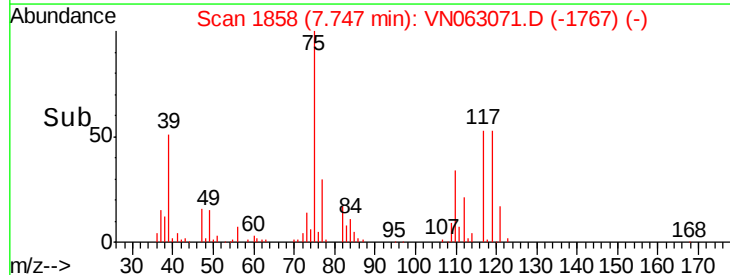
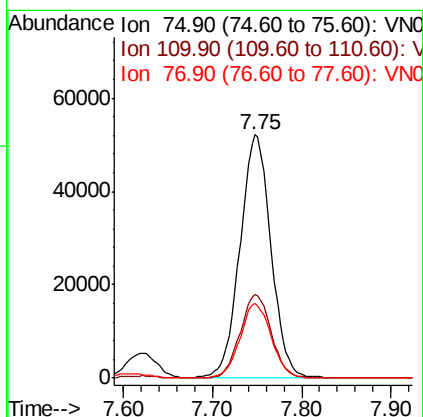
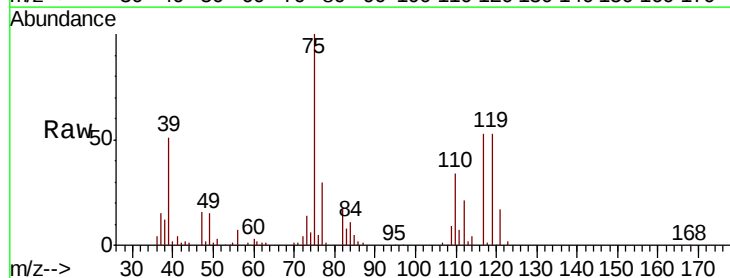
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

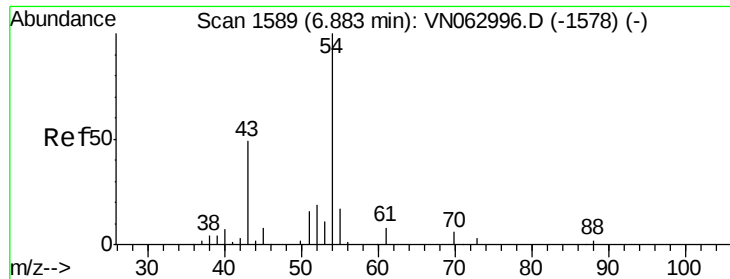
Tot Ion:113 Resp: 87048
 Ion Ratio Lower Upper
 113 100
 111 102.8 81.7 122.5
 192 21.2 17.5 26.3



#36
 1,1-Dichloropropene
 Concen: 53.405 ug/l
 RT: 7.75 min Scan# 1858
 Delta R.T. -0.01 min
 Lab File: VN063071.D
 Acq: 21 Aug 2020 9:55

Tgt Ion: 75 Resp: 126439
 Ion Ratio Lower Upper
 75 100
 110 34.1 17.5 52.6
 77 30.8 24.2 36.4

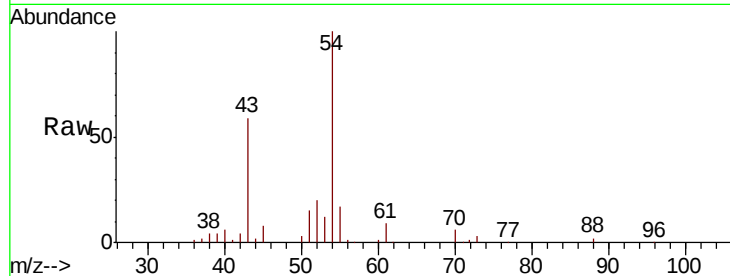




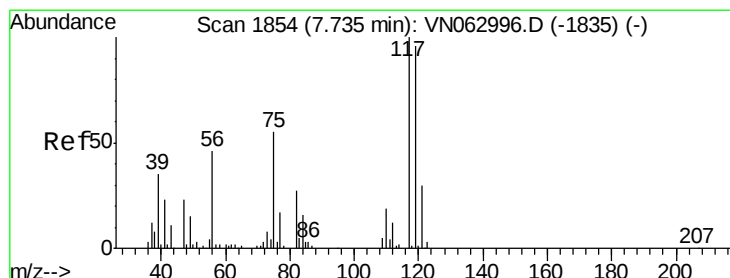
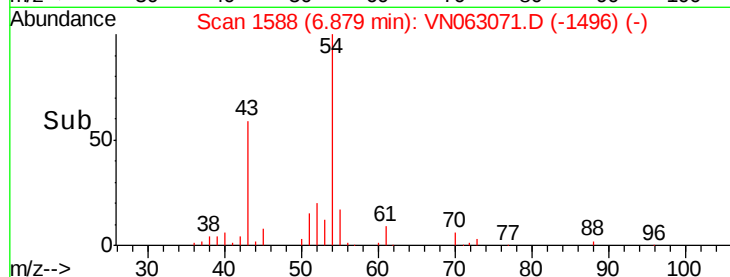
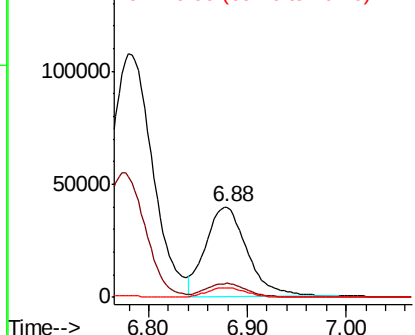
#37
Ethyl Acetate
Concen: 52.456 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.00 min
Lab File: VN063071.D
Acq: 21 Aug 2020 9:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 116369
Ion Ratio Lower Upper
43 100
61 15.5 11.8 17.8
70 10.5 8.2 12.2

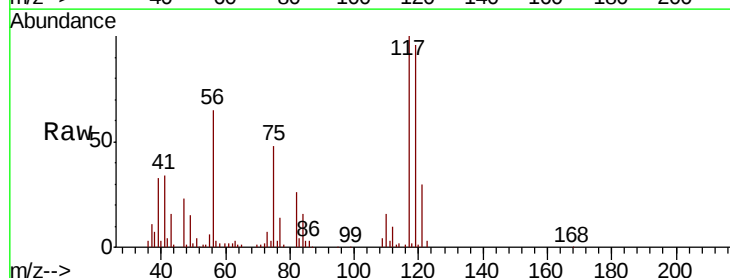


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

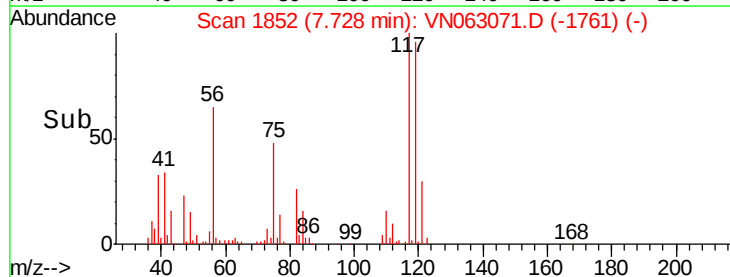
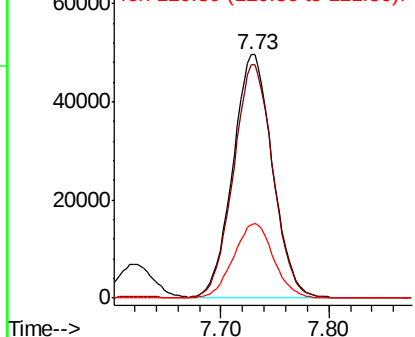


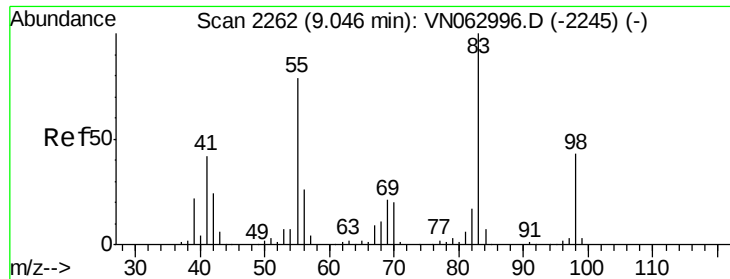
#38
Carbon Tetrachloride
Concen: 52.776 ug/l
RT: 7.73 min Scan# 1852
Delta R.T. -0.01 min
Lab File: VN063071.D
Acq: 21 Aug 2020 9:55

Tgt Ion: 117 Resp: 126146
Ion Ratio Lower Upper
117 100
119 96.0 76.2 114.4
121 30.3 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

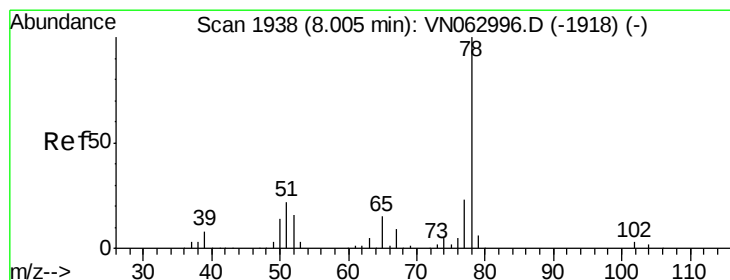
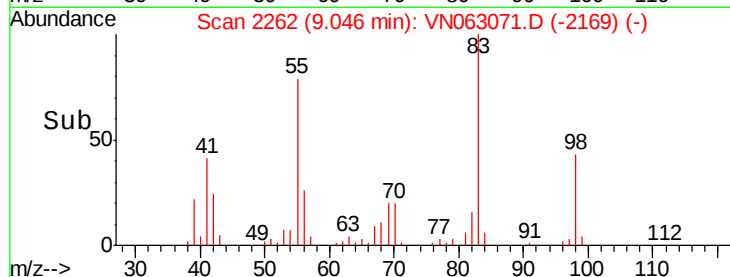
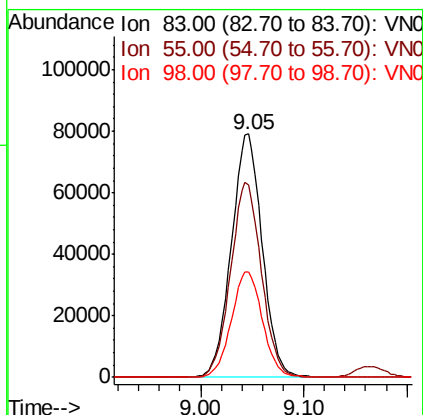
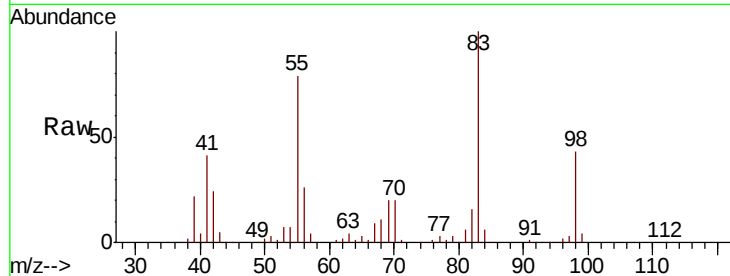




#39
Methvlcvclohexane
Concen: 51.607 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VN063071.D
Acq: 21 Aug 2020 9:55

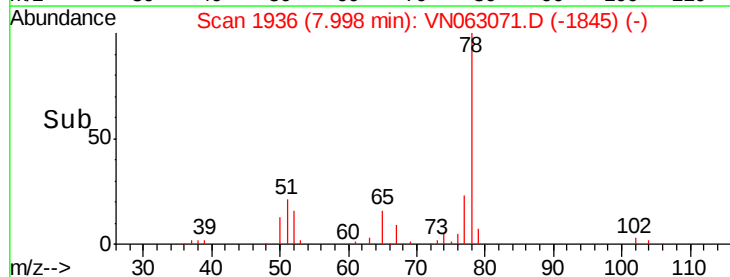
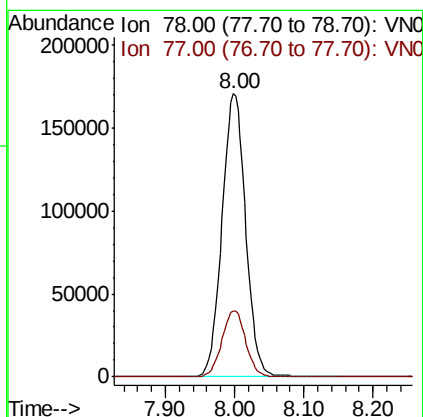
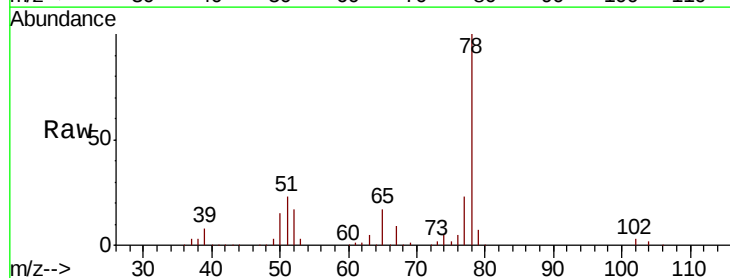
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

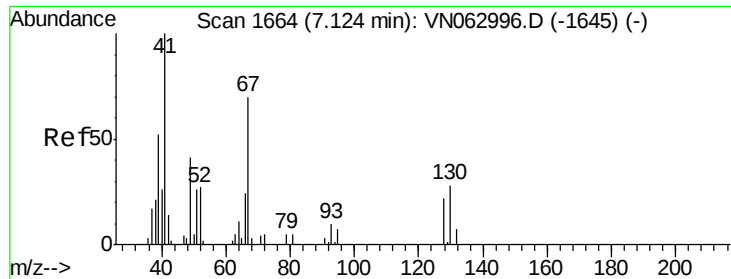
Tot Ion: 83 Resp: 165121
Ion Ratio Lower Upper
83 100
55 78.9 63.3 94.9
98 43.4 34.2 51.4



#40
Benzene
Concen: 54.002 ug/l
RT: 8.00 min Scan# 1936
Delta R.T. -0.01 min
Lab File: VN063071.D
Acq: 21 Aug 2020 9:55

Tgt Ion: 78 Resp: 405499
Ion Ratio Lower Upper
78 100
77 23.1 18.8 28.2

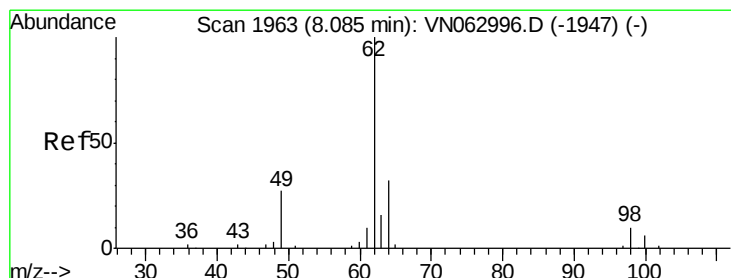
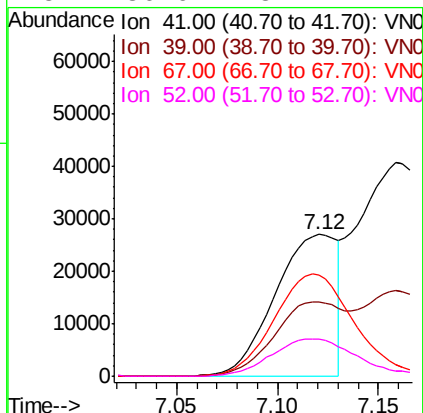
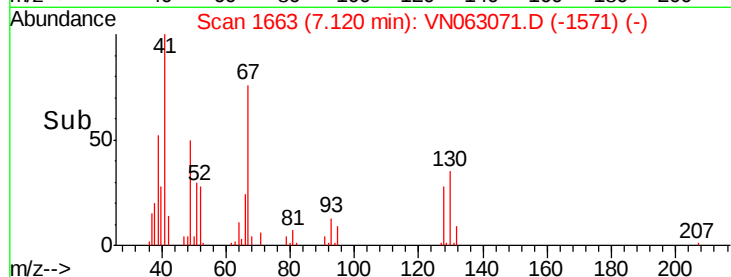
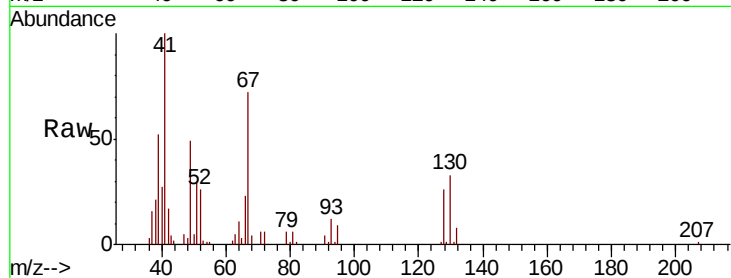




#41
Methacrylonitrile
Concen: 54.805 ug/l
RT: 7.12 min Scan# 1663
Delta R.T. -0.00 min
Lab File: VN063071.D
Acq: 21 Aug 2020 9:55

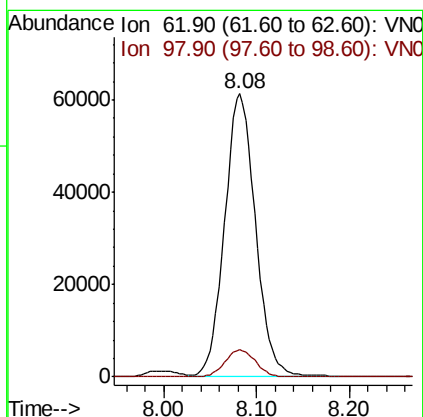
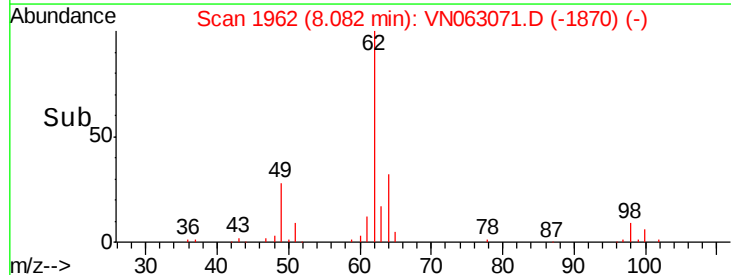
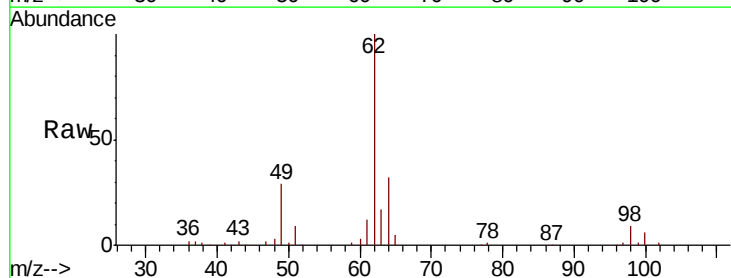
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

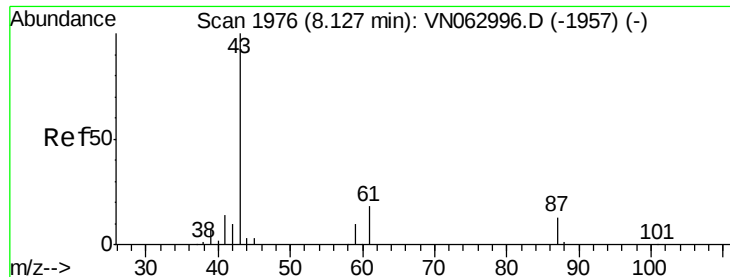
Tot Ion:	41	Resp:	57927
Ion	Ratio	Lower	Upper
41	100		
39	60.5	41.6	62.4
67	92.9	71.8	107.8
52	36.6	28.2	42.4



#42
1,2-Dichloroethane
Concen: 55.995 ug/l
RT: 8.08 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VN063071.D
Acq: 21 Aug 2020 9:55

Tgt Ion:	62	Resp:	141181
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	18.4





#43

Isopropyl Acetate

Concen: 55.173 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.00 min

Lab File: VN063071.D

Acq: 21 Aug 2020 9:55

Instrument :

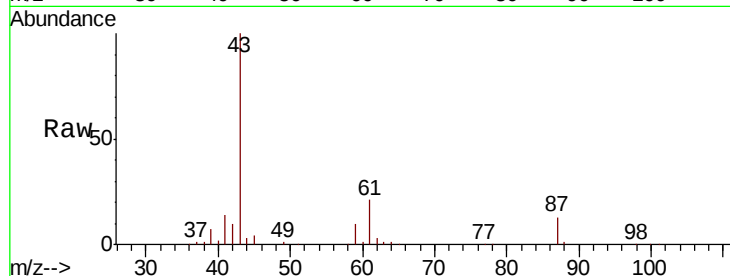
MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 202773

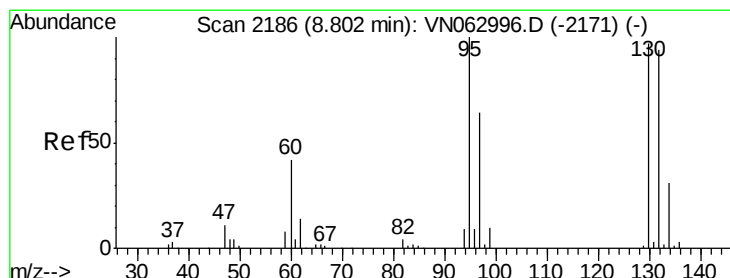
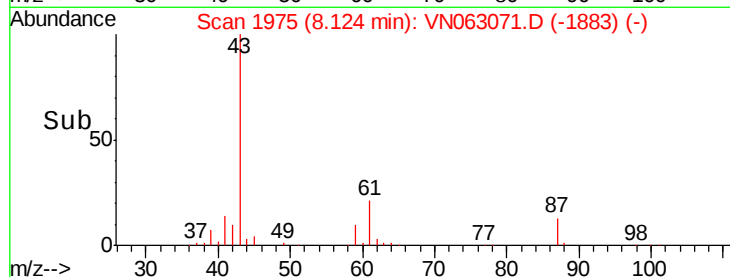
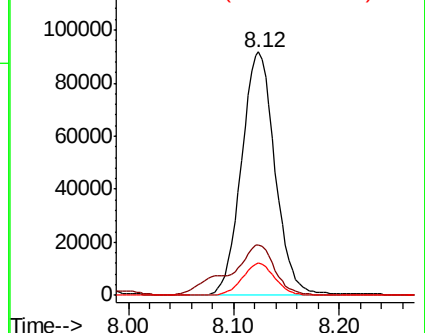
Ion	Ratio	Lower	Upper
43	100		
61	20.6	22.6	33.8#
87	12.9	10.5	15.7



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: 52.754 ug/l

RT: 8.80 min Scan# 2185

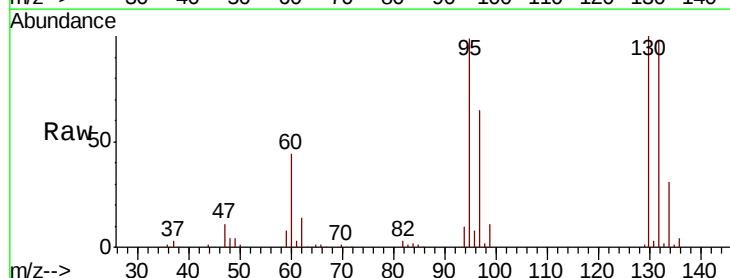
Delta R.T. -0.00 min

Lab File: VN063071.D

Acq: 21 Aug 2020 9:55

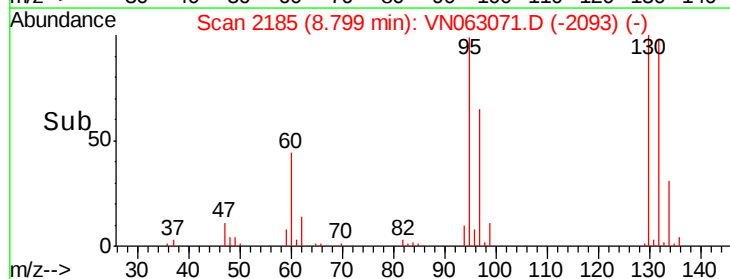
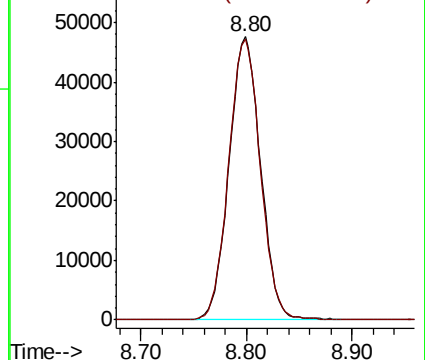
Tgt Ion: 130 Resp: 98535

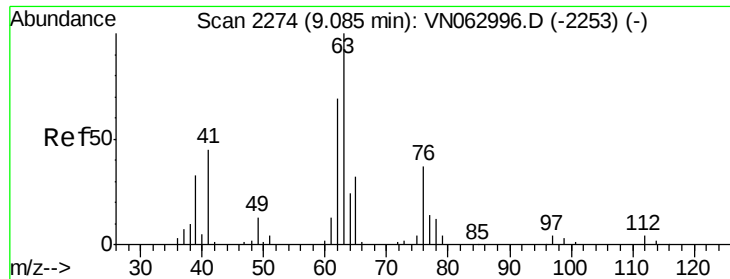
Ion	Ratio	Lower	Upper
130	100		
95	99.1	0.0	205.6



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: 56.287 ug/l

RT: 9.08 min Scan# 2273

Delta R.T. -0.00 min

Lab File: VN063071.D

Acq: 21 Aug 2020 9:55

Instrument :

MSVOA_N

ClientSampleId :

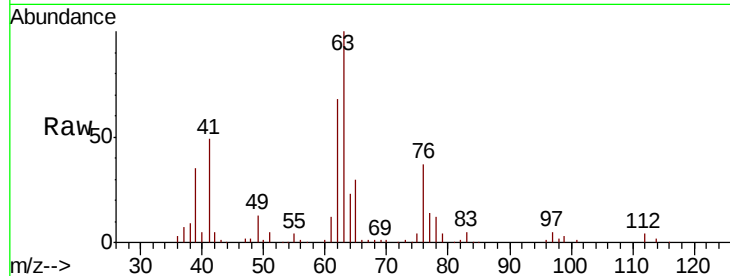
VSTDCCC050

Tot Ion: 63 Resp: 122172

Ion Ratio Lower Upper

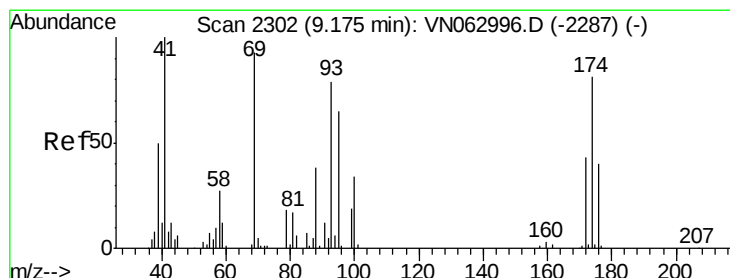
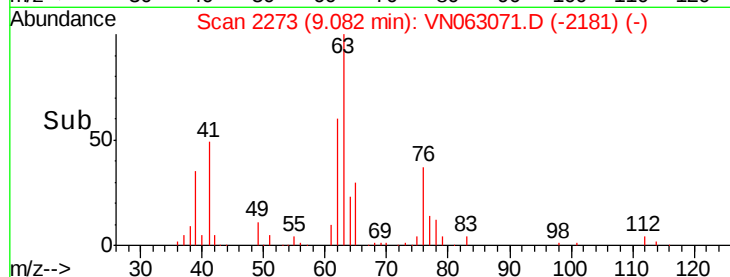
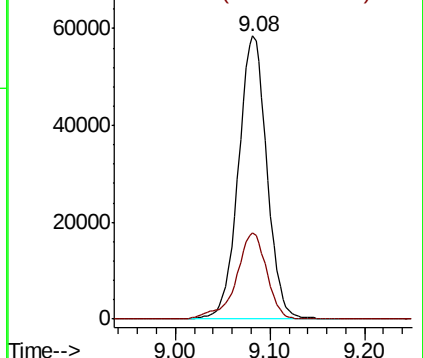
63 100

65 30.5 25.6 38.4



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 57.166 ug/l

RT: 9.17 min Scan# 2301

Delta R.T. -0.00 min

Lab File: VN063071.D

Acq: 21 Aug 2020 9:55

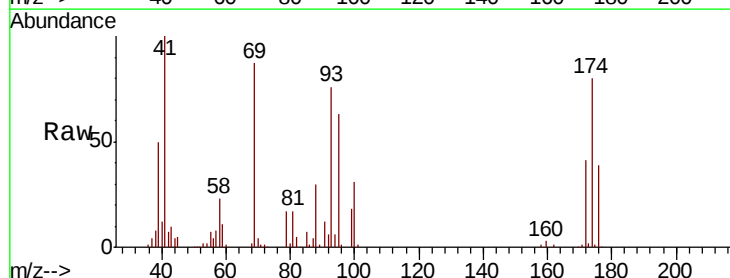
Tgt Ion: 93 Resp: 71681

Ion Ratio Lower Upper

93 100

95 82.2 66.2 99.4

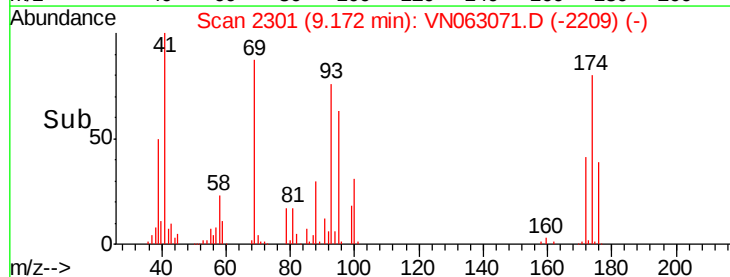
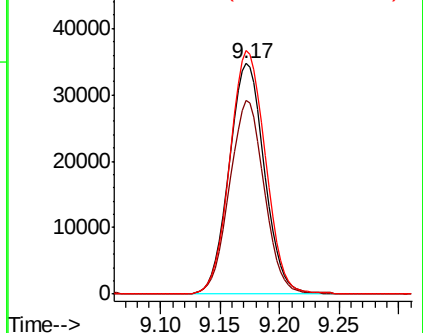
174 106.4 84.6 127.0

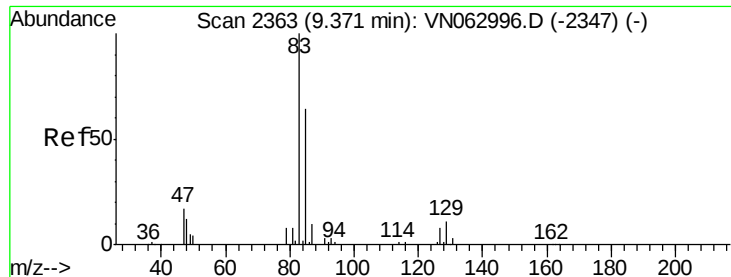


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 56.432 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN063071.D

Acq: 21 Aug 2020 9:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

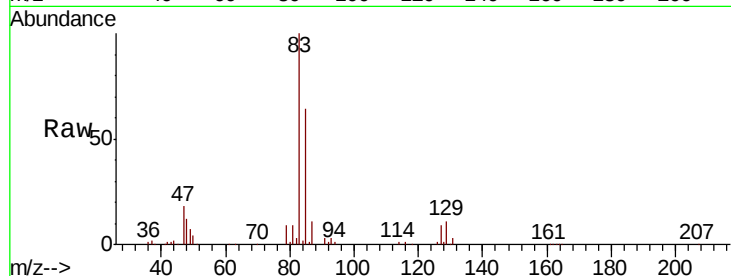
Tot Ion: 83 Resp: 154981

Ion Ratio Lower Upper

83 100

85 63.7 51.1 76.7

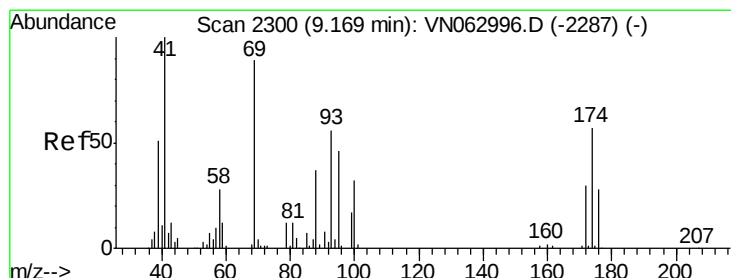
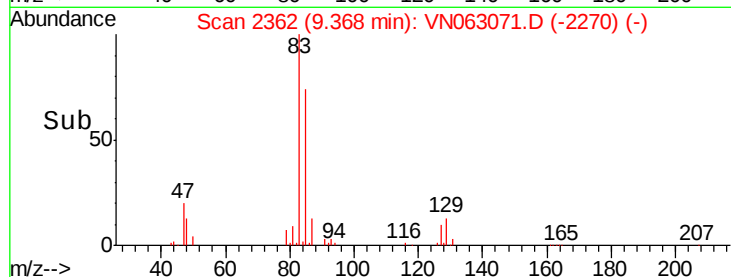
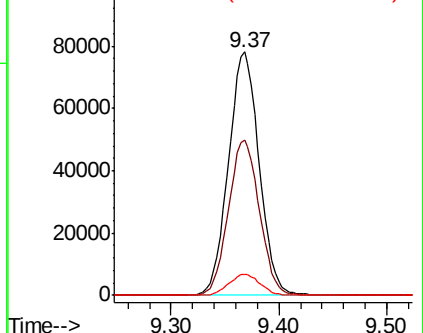
127 8.6 6.6 9.8



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: 58.253 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN063071.D

Acq: 21 Aug 2020 9:55

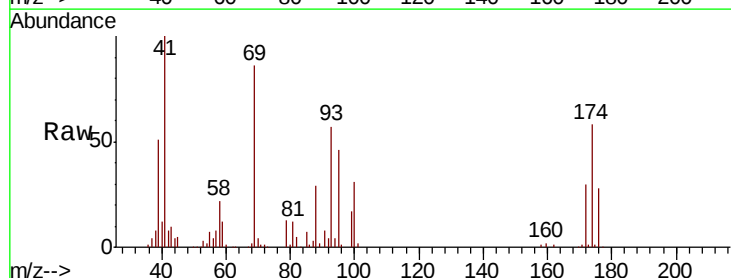
Tgt Ion: 41 Resp: 101297

Ion Ratio Lower Upper

41 100

69 90.1 74.2 111.4

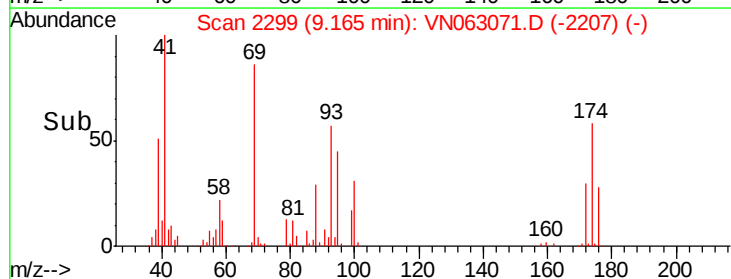
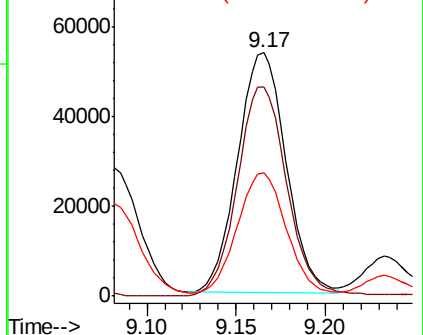
39 52.5 42.5 63.7

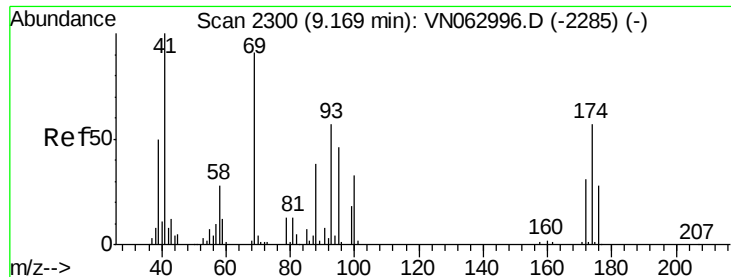


Abundance Ion 41.00 (40.70 to 41.70): VN062996.D (-2287) (-)

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: 877.309 ug/l

RT: 9.16 min Scan# 2298

Delta R.T. -0.01 min

Lab File: VN063071.D

Acq: 21 Aug 2020 9:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

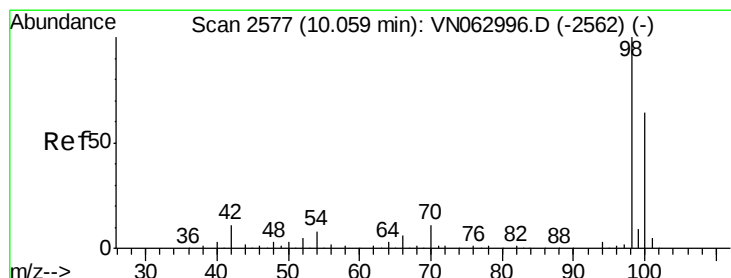
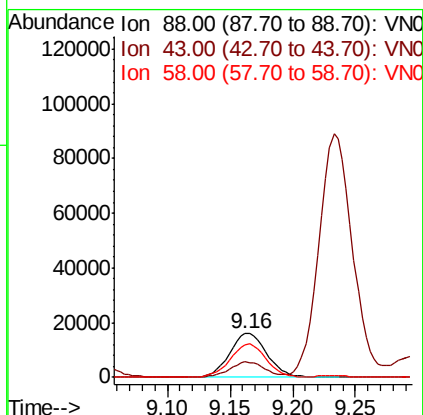
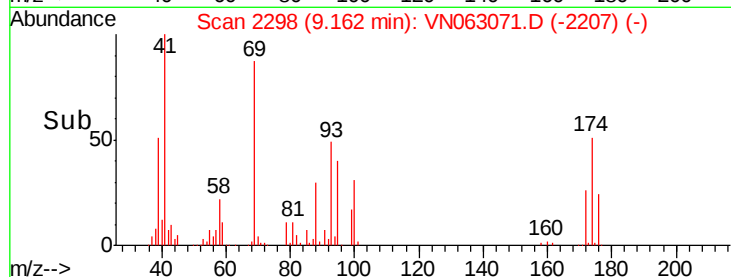
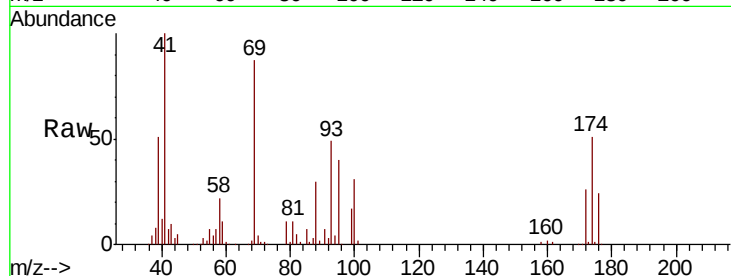
Tot Ion: 88 Resp: 33498

Ion Ratio Lower Upper

88 100

43 33.7 25.2 37.8

58 72.6 56.7 85.1



#50

Toluene-d8

Concen: 49.343 ug/l

RT: 10.06 min Scan# 2576

Delta R.T. -0.00 min

Lab File: VN063071.D

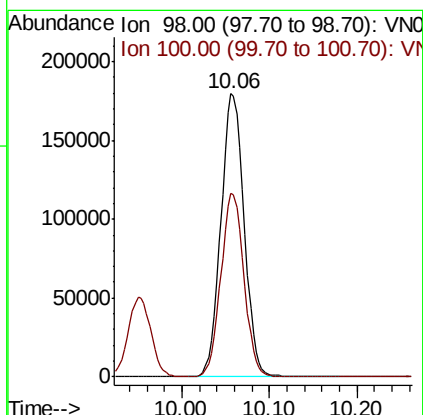
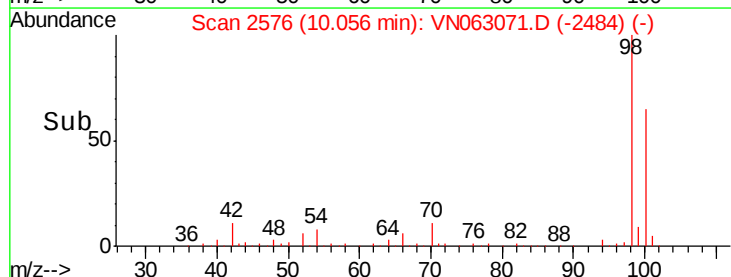
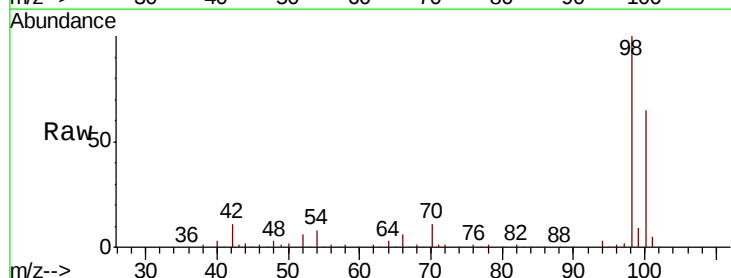
Acq: 21 Aug 2020 9:55

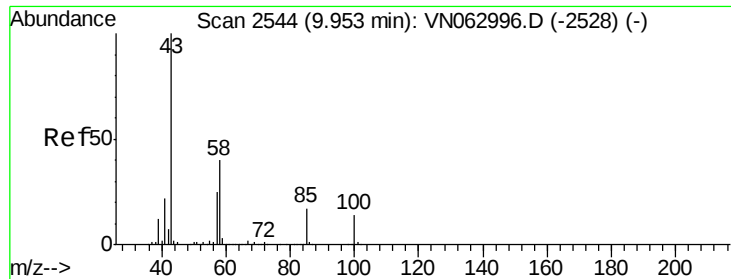
Tgt Ion: 98 Resp: 331782

Ion Ratio Lower Upper

98 100

100 64.0 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 281.197 ug/l

RT: 9.95 min Scan# 2543

Delta R.T. -0.00 min

Lab File: VN063071.D

Acq: 21 Aug 2020 9:55

Instrument :

MSVOA_N

ClientSampleId :

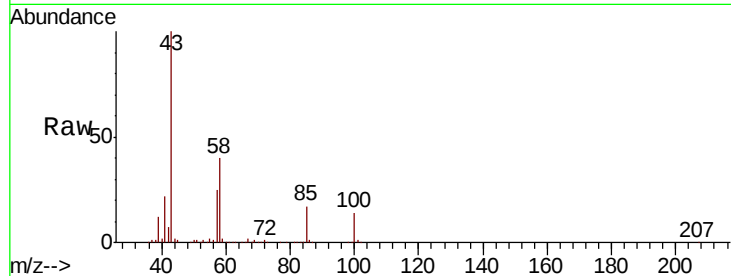
VSTDCCC050

Tot Ion: 43 Resp: 653237

Ion Ratio Lower Upper

43 100

58 39.7 32.2 48.2



Abundance Ion 43.00 (42.70 to 43.70): VN062996.D (-2528) (-)

Ion 58.00 (57.70 to 58.70): VN062996.D (-2528) (-)

9.95

400000

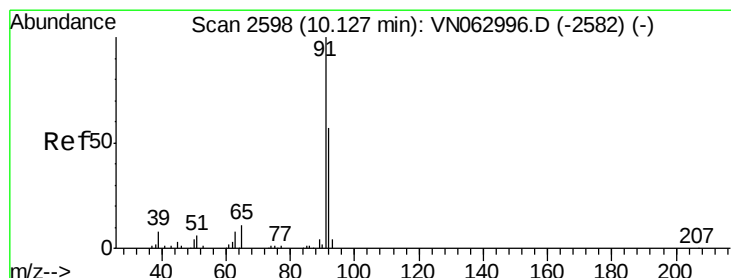
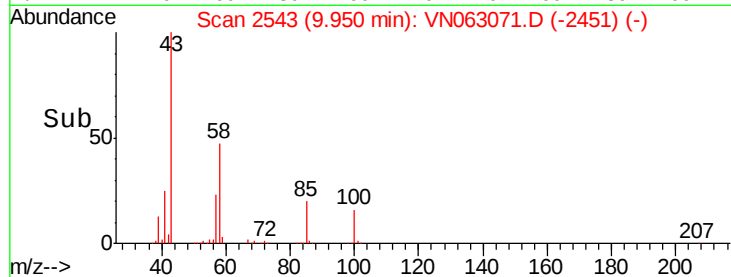
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 56.087 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN063071.D

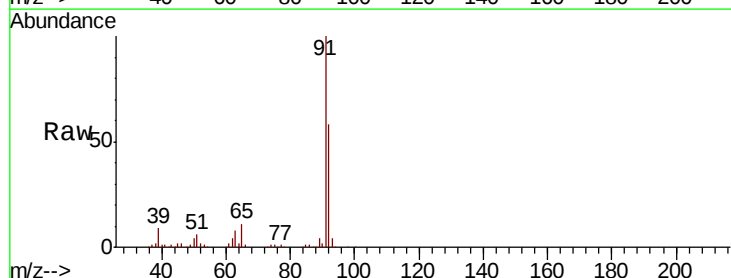
Acq: 21 Aug 2020 9:55

Tgt Ion: 92 Resp: 254055

Ion Ratio Lower Upper

92 100

91 174.7 139.2 208.8



Abundance Ion 92.00 (91.70 to 92.70): VN062996.D (-2582) (-)

Ion 91.00 (90.70 to 91.70): VN062996.D (-2582) (-)

10.12

250000

200000

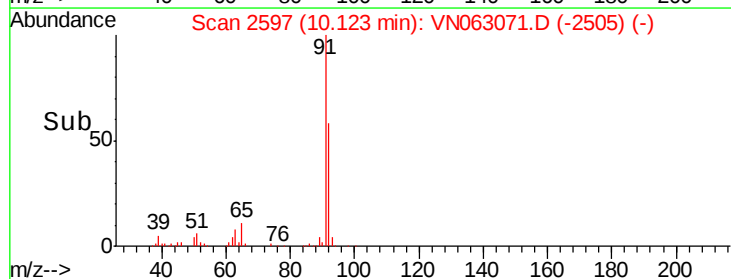
150000

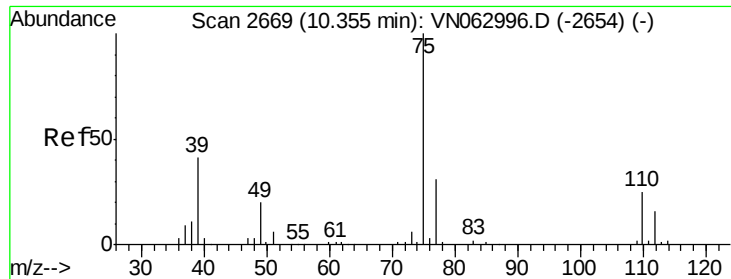
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 59.612 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN063071.D

Acq: 21 Aug 2020 9:55

Instrument :

MSVOA_N

ClientSampleId :

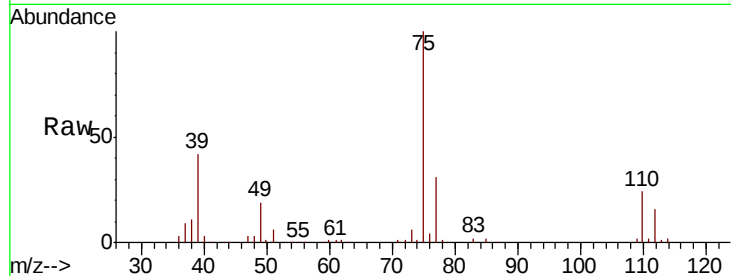
VSTDCCC050

Tot Ion: 75 Resp: 169300

Ion Ratio Lower Upper

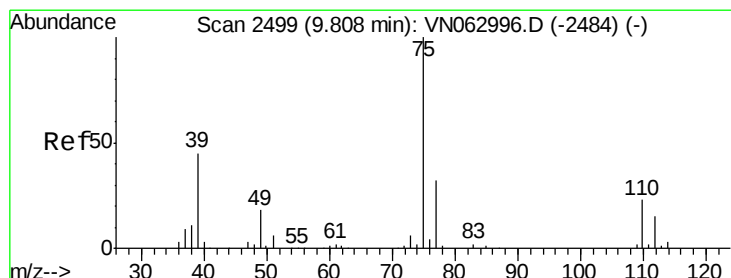
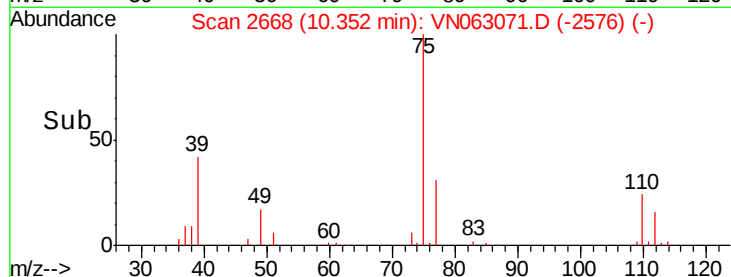
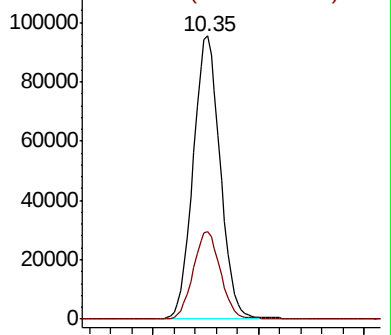
75 100

77 31.1 24.6 37.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 59.087 ug/l

RT: 9.81 min Scan# 2498

Delta R.T. -0.00 min

Lab File: VN063071.D

Acq: 21 Aug 2020 9:55

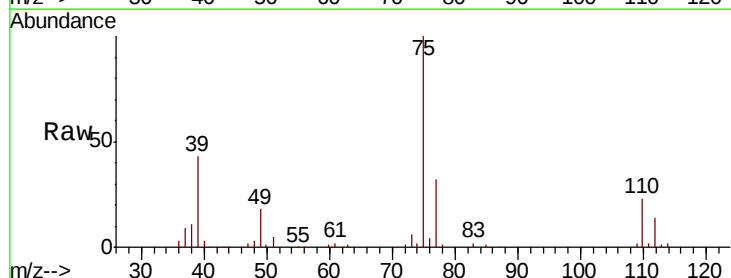
Tgt Ion: 75 Resp: 184087

Ion Ratio Lower Upper

75 100

77 31.8 25.4 38.2

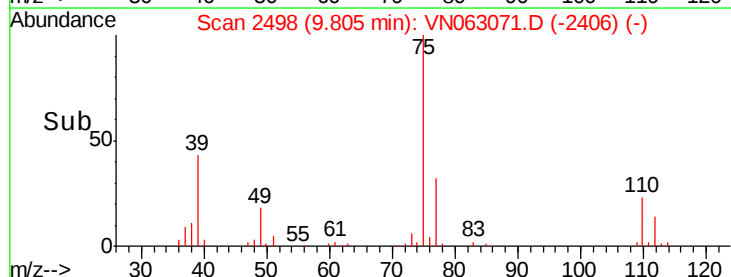
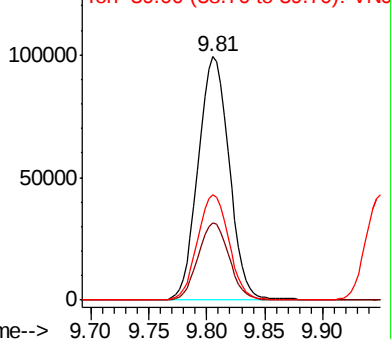
39 43.3 35.7 53.5

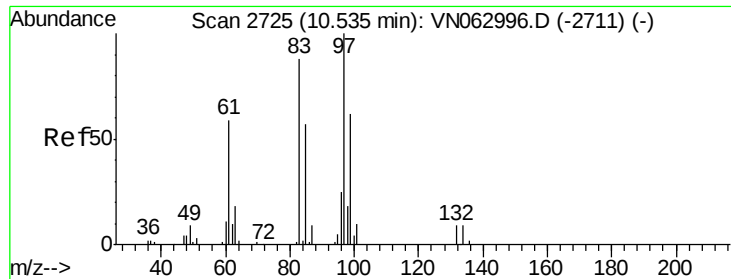


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

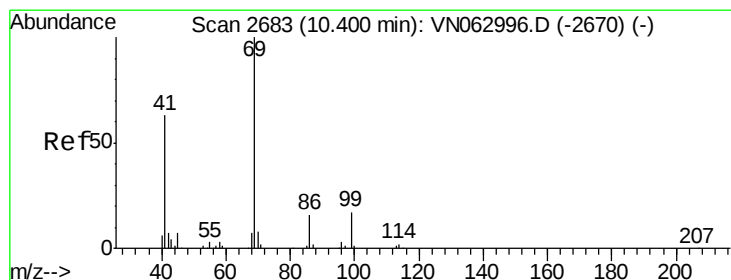
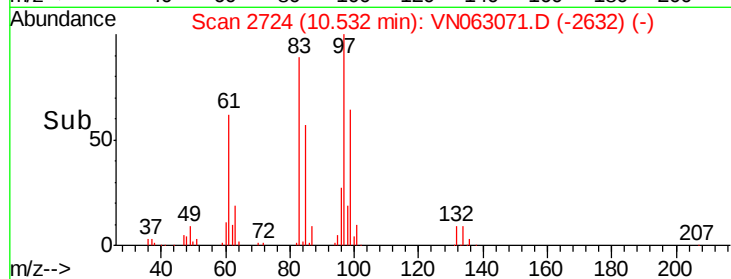
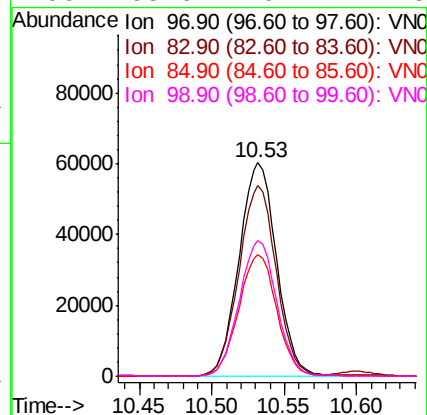
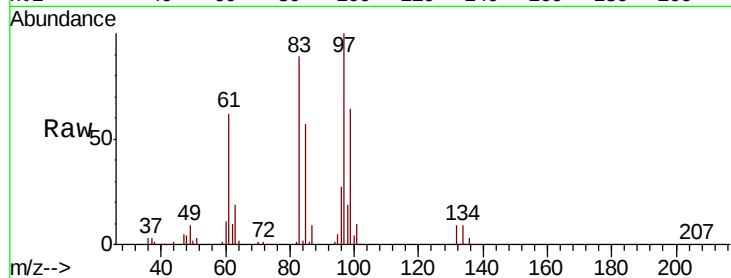




#55
 1,1,2-Trichloroethane
 Concen: 56.241 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN063071.D
 Acq: 21 Aug 2020 9:55

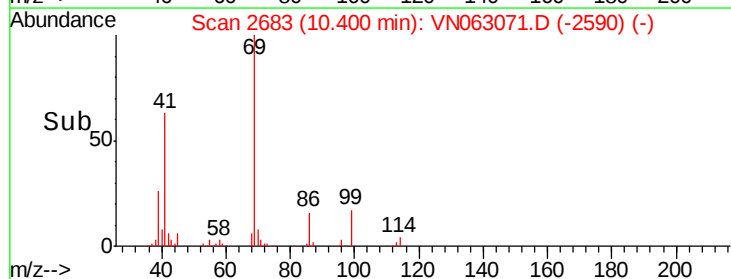
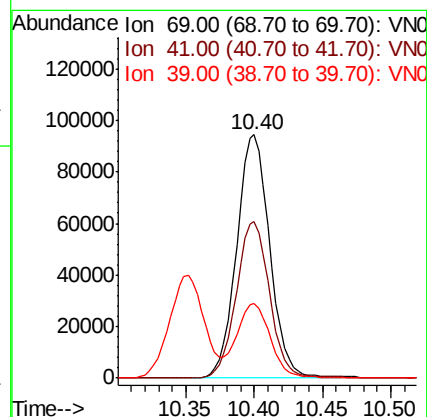
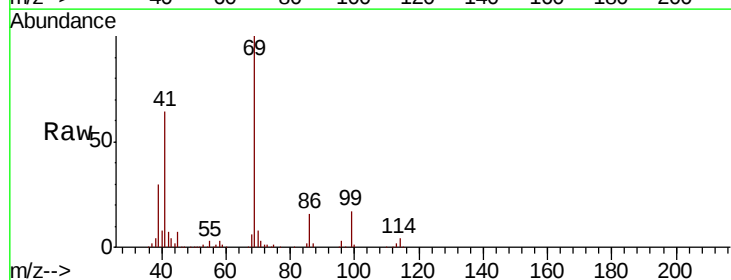
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

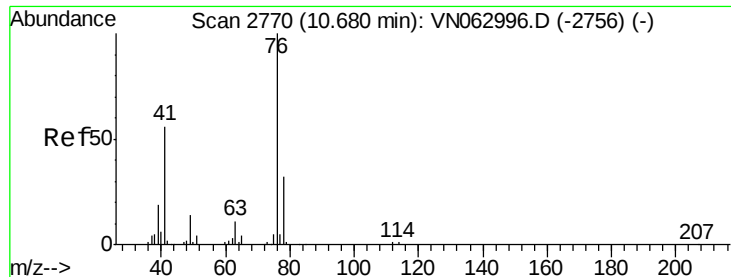
Tot Ion: 97 Resp: 108930
 Ion Ratio Lower Upper
 97 100
 83 89.4 70.5 105.7
 85 56.9 45.8 68.6
 99 63.6 49.7 74.5



#56
 Ethyl methacrylate
 Concen: 53.040 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: VN063071.D
 Acq: 21 Aug 2020 9:55

Tgt Ion: 69 Resp: 158994
 Ion Ratio Lower Upper
 69 100
 41 63.7 50.2 75.2
 39 30.5 24.2 36.4





#57

1,3-Dichloropropane

Concen: 56.649 ug/l

RT: 10.68 min Scan# 2769

Delta R.T. -0.00 min

Lab File: VN063071.D

Acq: 21 Aug 2020 9:55

Instrument :

MSVOA_N

ClientSampleId :

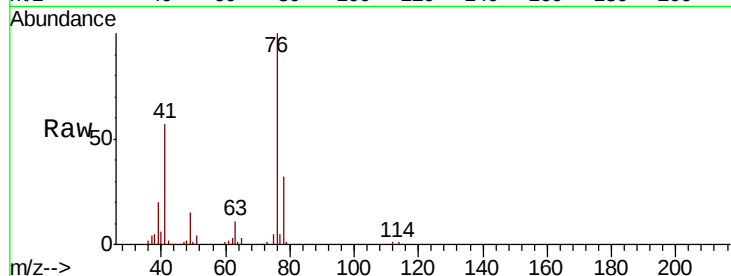
VSTDCCC050

Tot Ion: 76 Resp: 182195

Ion Ratio Lower Upper

76 100

78 32.2 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VN062996.D (-2756) (-)

Ion 77.90 (77.60 to 78.60): VN062996.D (-2756) (-)

10.68

120000

100000

80000

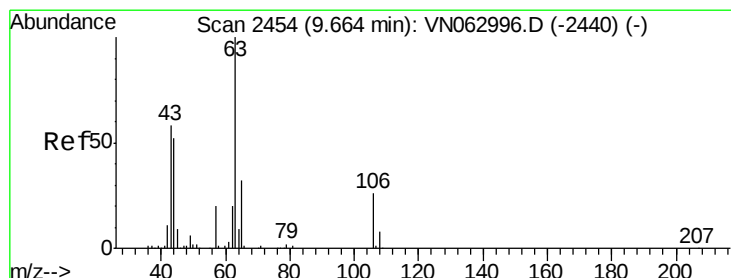
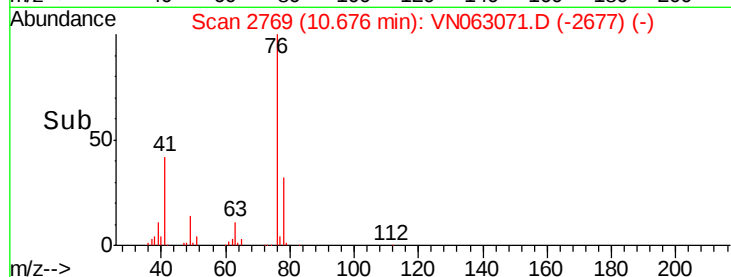
60000

40000

20000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 249.104 ug/l

RT: 9.66 min Scan# 2453

Delta R.T. -0.00 min

Lab File: VN063071.D

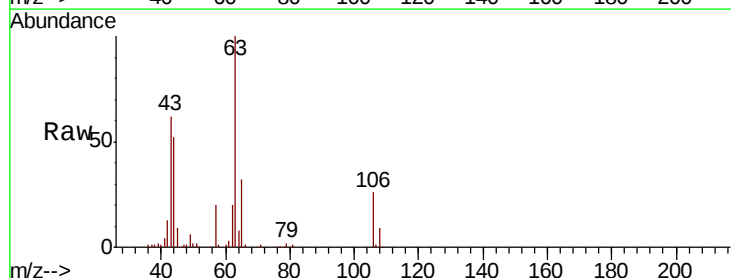
Acq: 21 Aug 2020 9:55

Tgt Ion: 63 Resp: 181130

Ion Ratio Lower Upper

63 100

106 25.0 20.7 31.1



Abundance Ion 62.90 (62.60 to 63.60): VN062996.D (-2440) (-)

Ion 105.90 (105.60 to 106.60): VN062996.D (-2440) (-)

9.66

120000

100000

80000

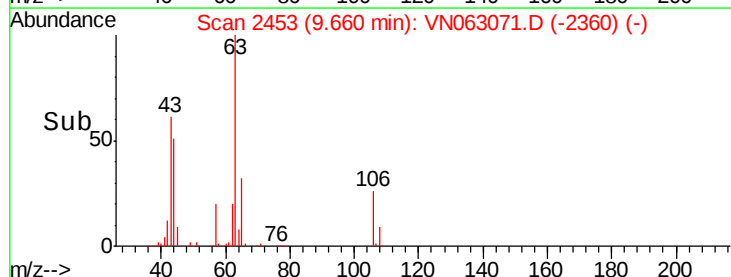
60000

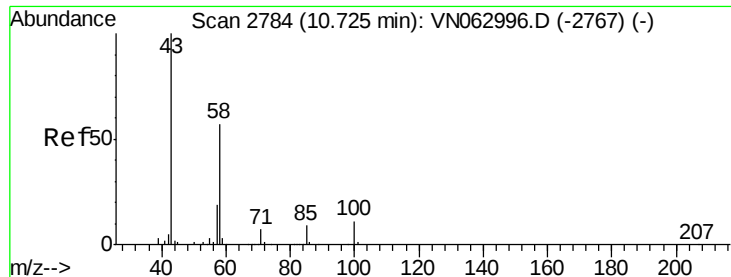
40000

20000

0

Time-->

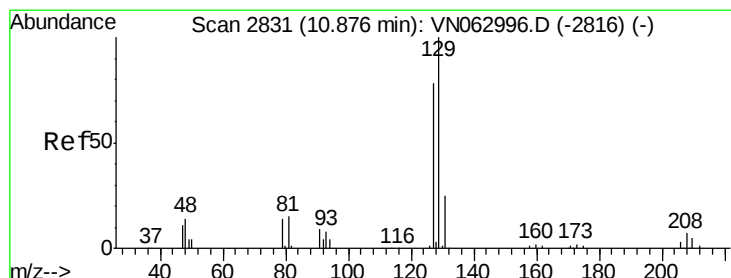
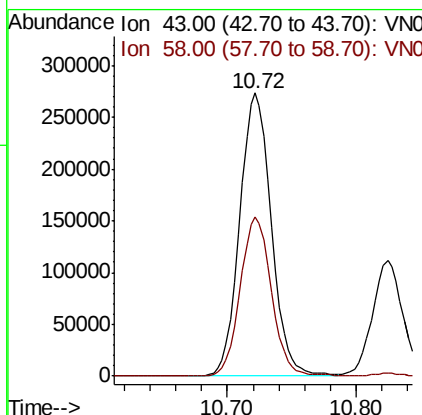
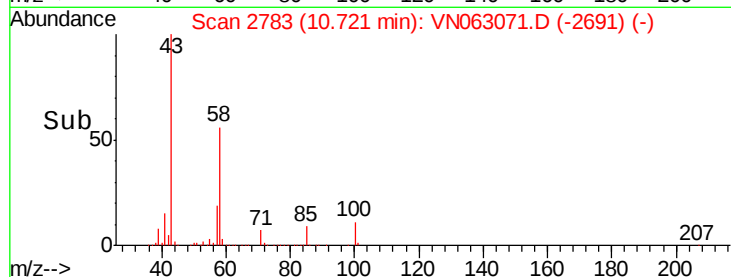
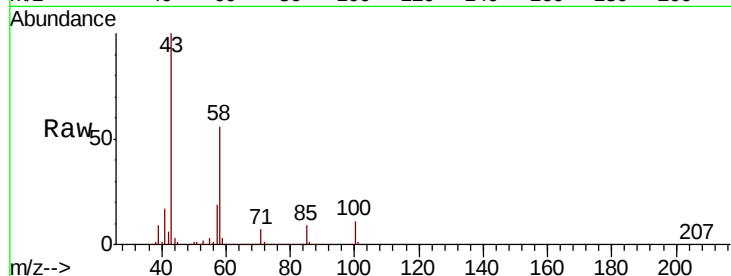




#59
2-Hexanone
Concen: 286.985 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN063071.D
Acq: 21 Aug 2020 9:55

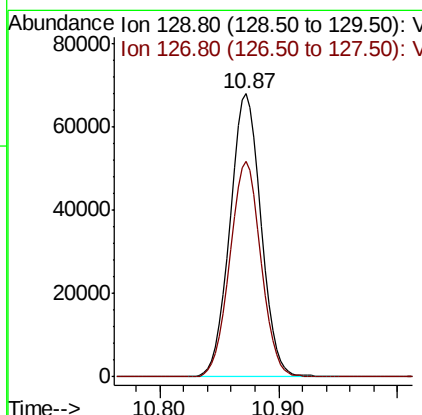
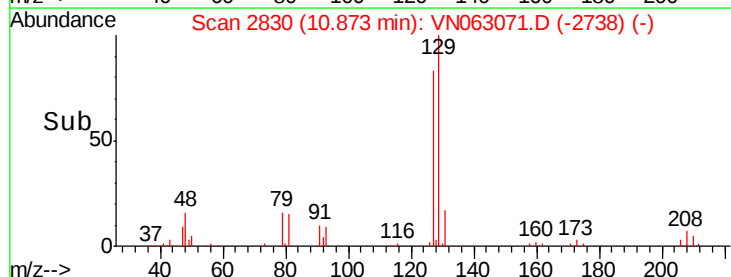
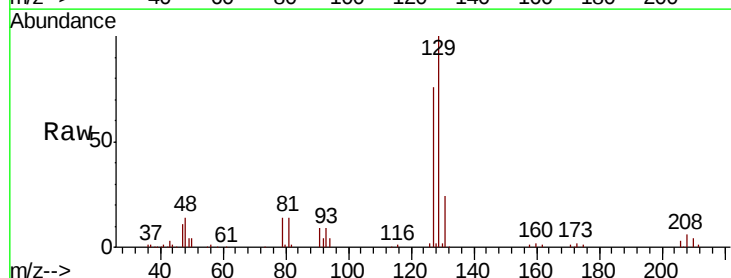
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

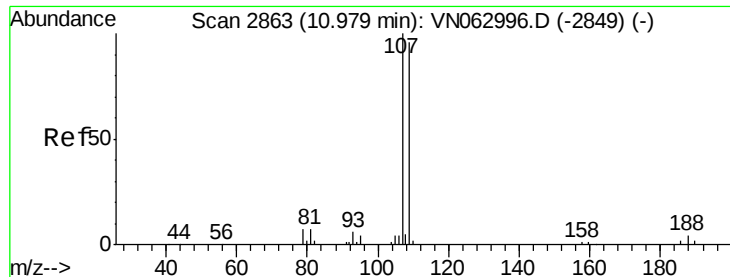
Tot Ion: 43 Resp: 465027
Ion Ratio Lower Upper
43 100
58 55.7 28.1 84.3



#60
Dibromochloromethane
Concen: 57.270 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN063071.D
Acq: 21 Aug 2020 9:55

Tgt Ion: 129 Resp: 122755
Ion Ratio Lower Upper
129 100
127 76.2 38.4 115.2





#61

1,2-Dibromoethane

Concen: 57.105 ug/l

RT: 10.98 min Scan# 2862

Delta R.T. -0.00 min

Lab File: VN063071.D

Acq: 21 Aug 2020 9:55

Instrument :

MSVOA_N

ClientSampleId :

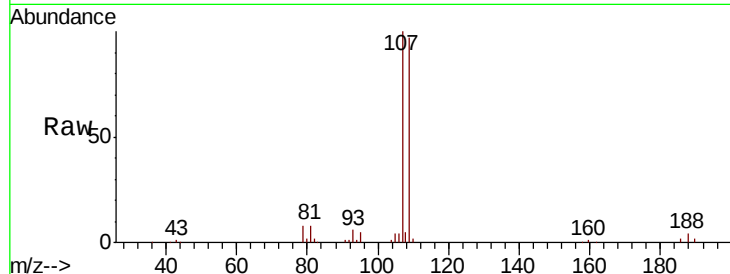
VSTDCCC050

Tot Ion: 107 Resp: 106276

Ion Ratio Lower Upper

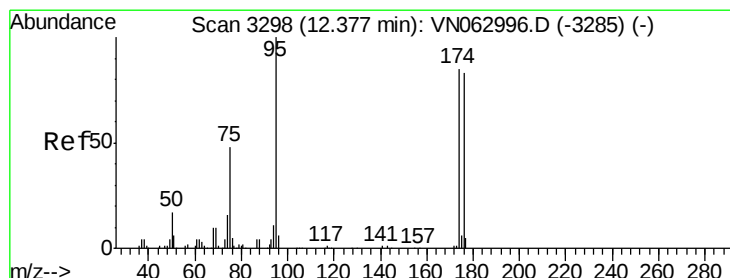
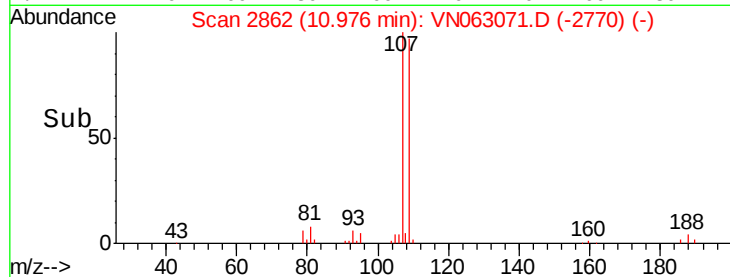
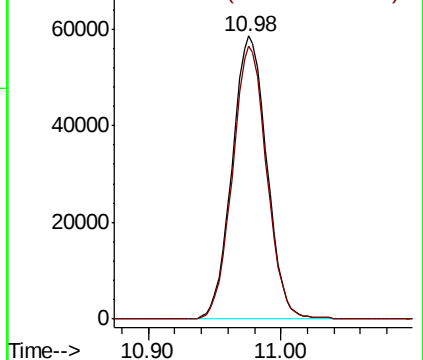
107 100

109 95.0 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.089 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. -0.00 min

Lab File: VN063071.D

Acq: 21 Aug 2020 9:55

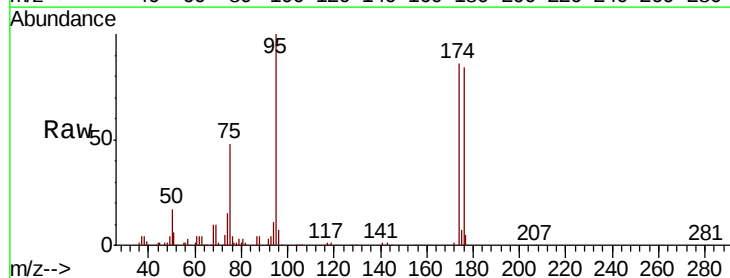
Tgt Ion: 95 Resp: 121222

Ion Ratio Lower Upper

95 100

174 86.4 0.0 170.8

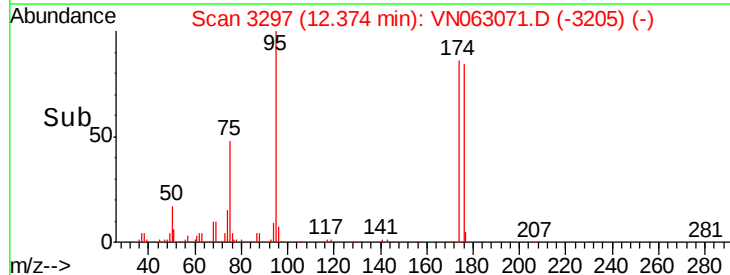
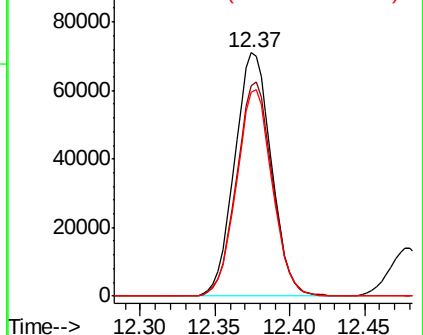
176 82.8 0.0 164.8

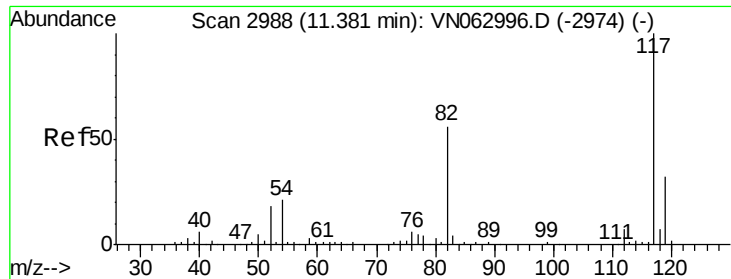


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

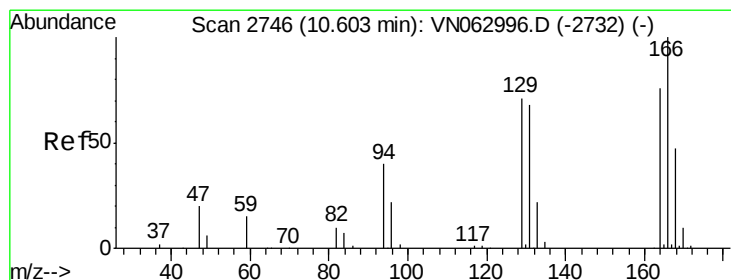
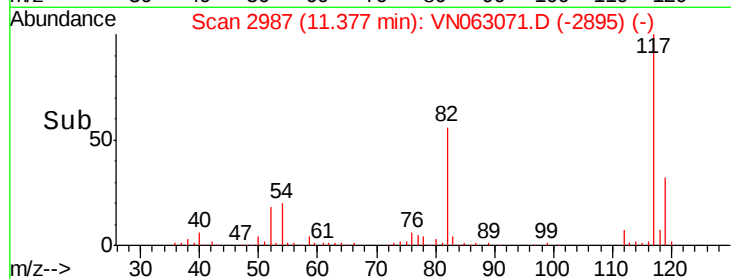
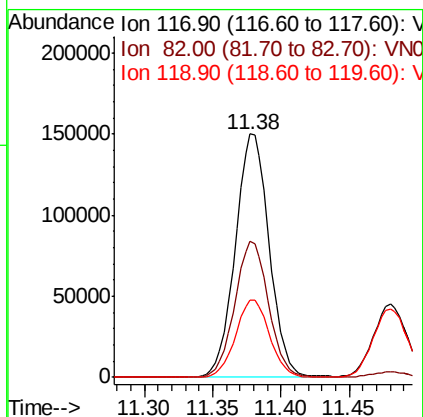
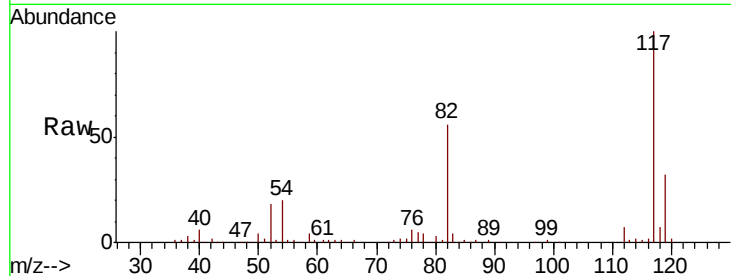




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2987
Delta R.T. -0.00 min
Lab File: VN063071.D
Acq: 21 Aug 2020 9:55

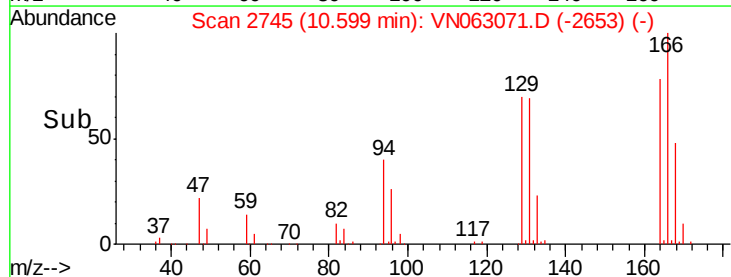
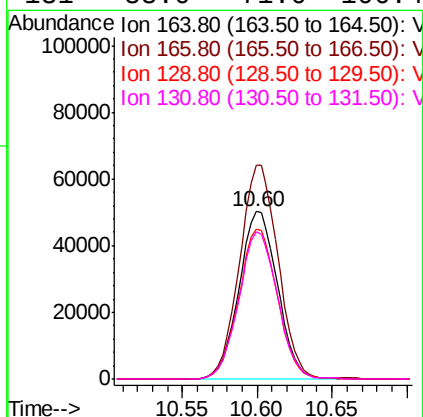
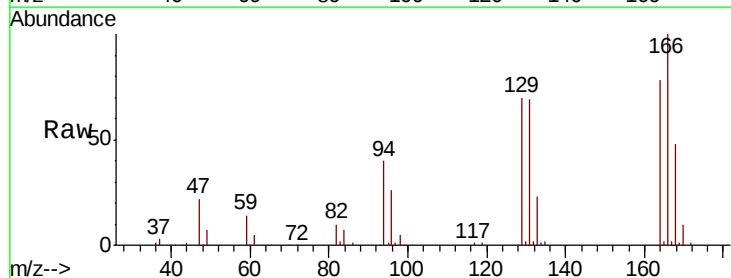
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

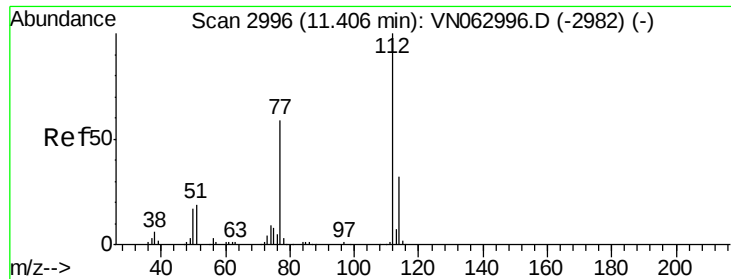
Tot Ion:117 Resp: 259059
Ion Ratio Lower Upper
117 100
82 55.7 44.5 66.7
119 31.7 25.5 38.3



#64
Tetrachloroethene
Concen: 52.683 ug/l
RT: 10.60 min Scan# 2745
Delta R.T. -0.00 min
Lab File: VN063071.D
Acq: 21 Aug 2020 9:55

Tgt Ion:164 Resp: 89715
Ion Ratio Lower Upper
164 100
166 127.4 105.0 157.6
129 89.6 74.7 112.1
131 88.0 71.0 106.4

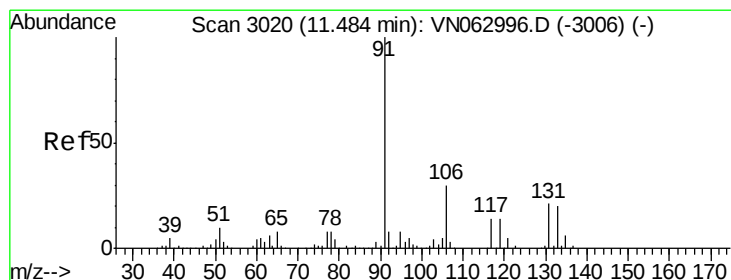
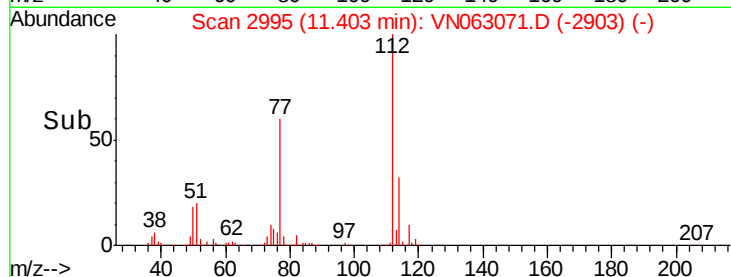
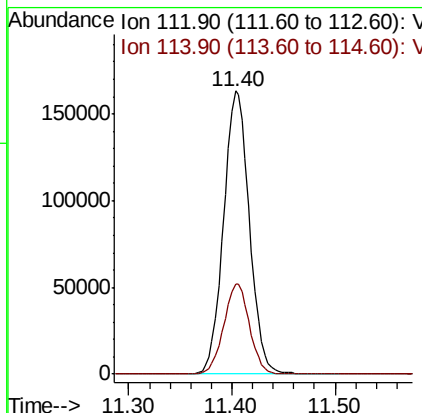
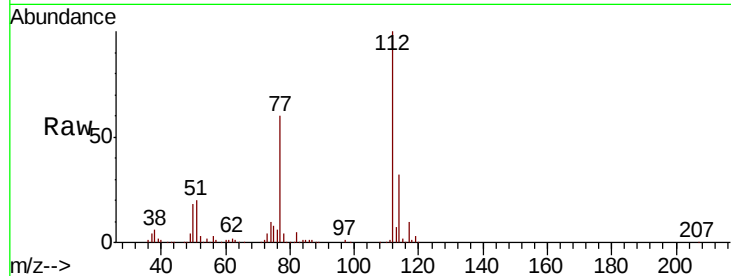




#65
Chlorobenzene
Concen: 54.595 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN063071.D
Acq: 21 Aug 2020 9:55

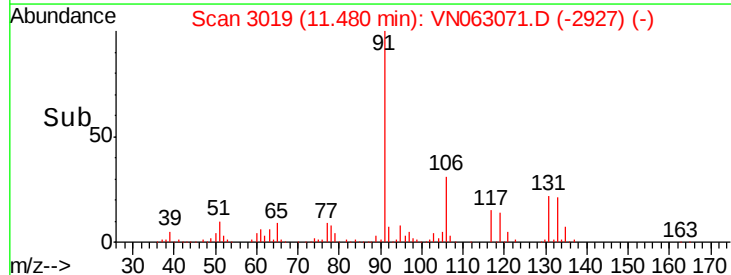
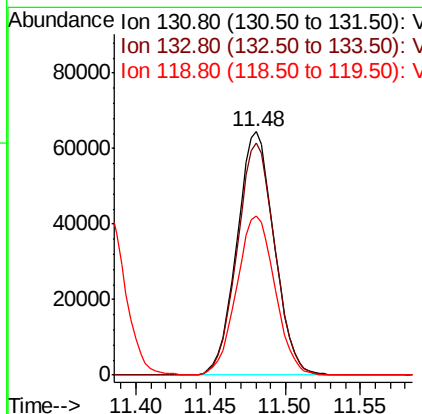
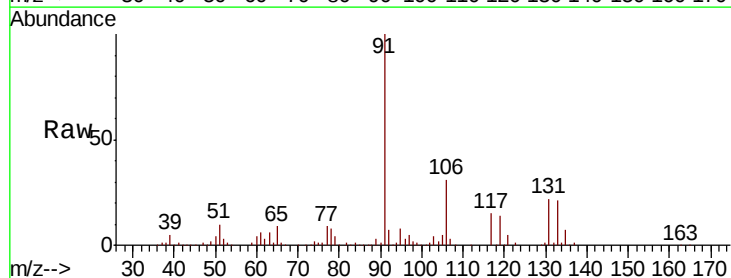
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

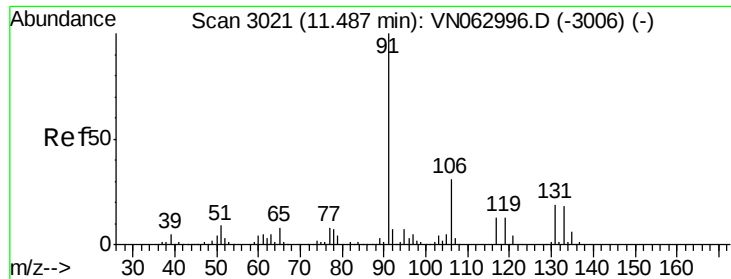
Tot Ion:112 Resp: 284049
Ion Ratio Lower Upper
112 100
114 31.7 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 55.468 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN063071.D
Acq: 21 Aug 2020 9:55

Tgt Ion:131 Resp: 112250
Ion Ratio Lower Upper
131 100
133 96.0 47.5 142.6
119 66.8 33.1 99.3

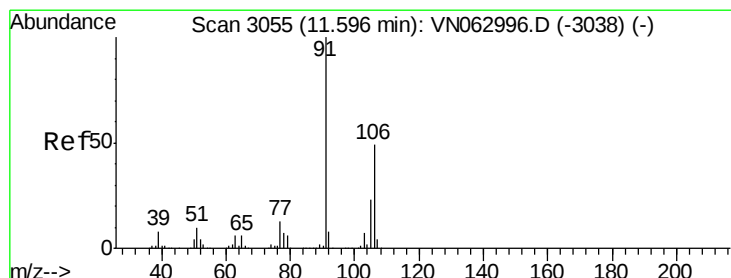
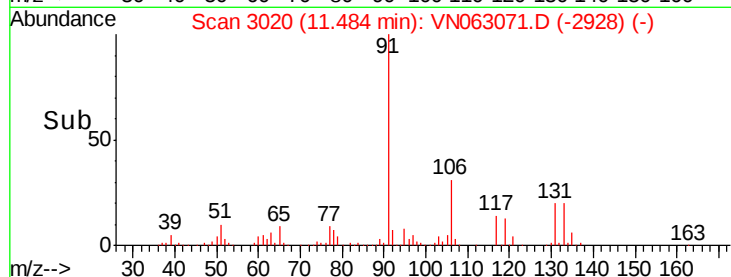
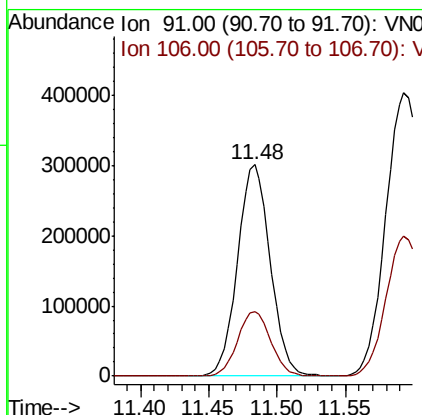
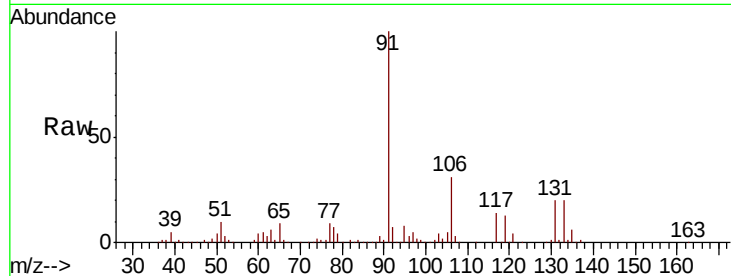




#67
Ethyl Benzene
Concen: 57.130 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN063071.D
Acq: 21 Aug 2020 9:55

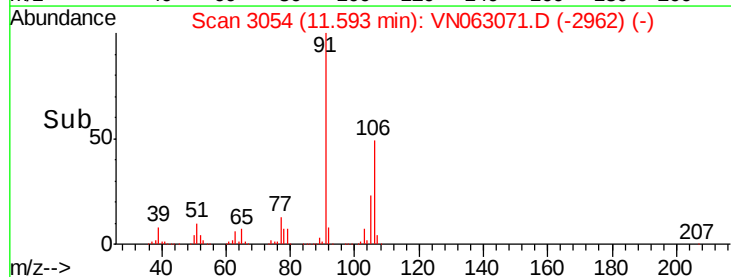
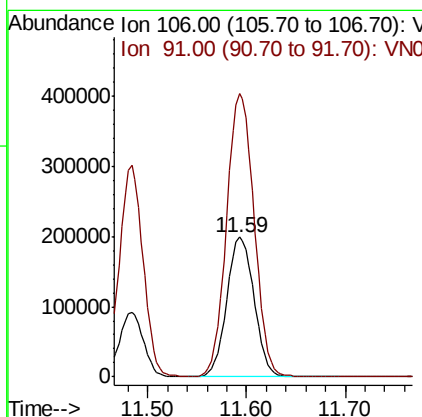
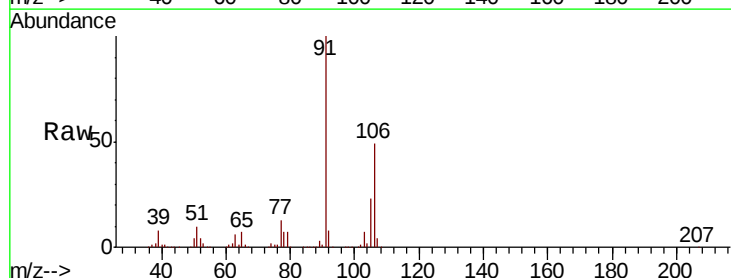
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

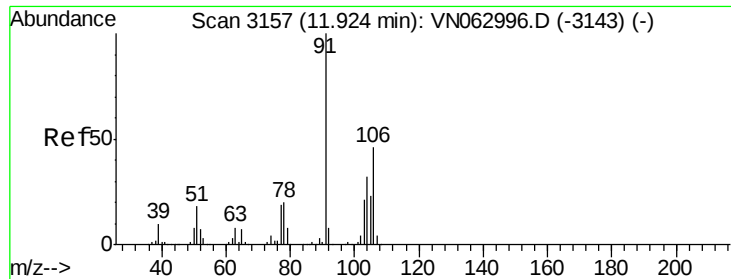
Tot Ion: 91 Resp: 502251
Ion Ratio Lower Upper
91 100
106 30.7 24.6 37.0



#68
m/p-Xylenes
Concen: 117.690 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN063071.D
Acq: 21 Aug 2020 9:55

Tgt Ion: 106 Resp: 384546
Ion Ratio Lower Upper
106 100
91 203.6 163.0 244.4

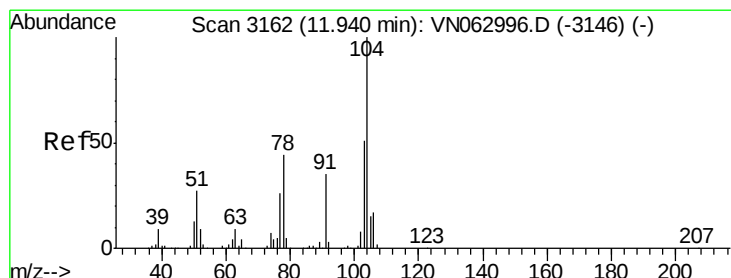
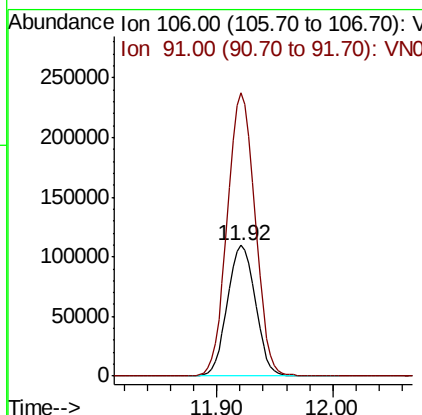
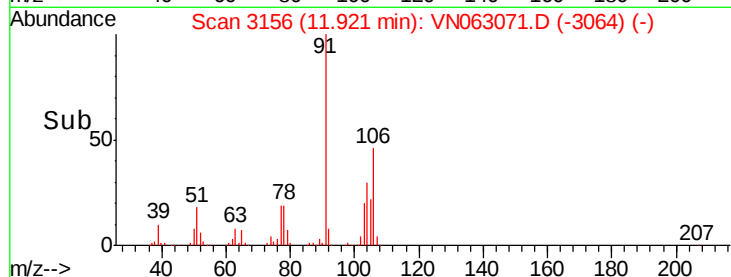
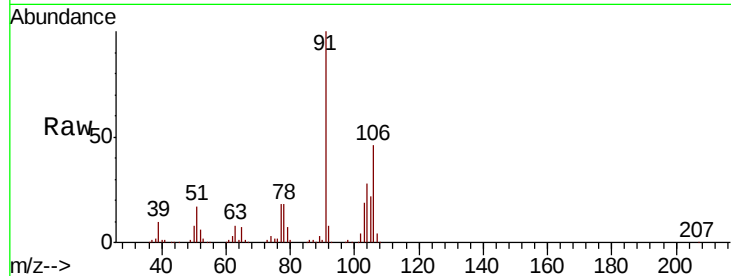




#69
o-Xylene
Concen: 58.447 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN063071.D
Acq: 21 Aug 2020 9:55

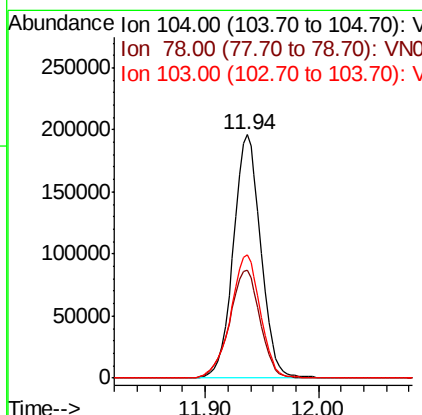
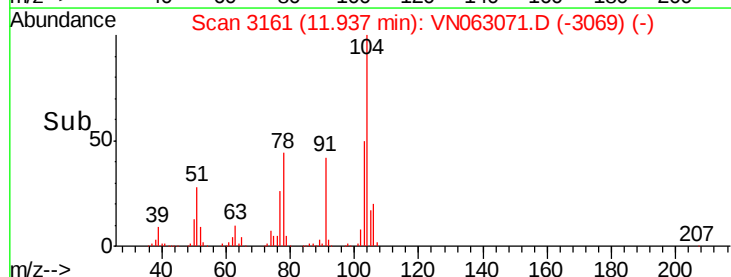
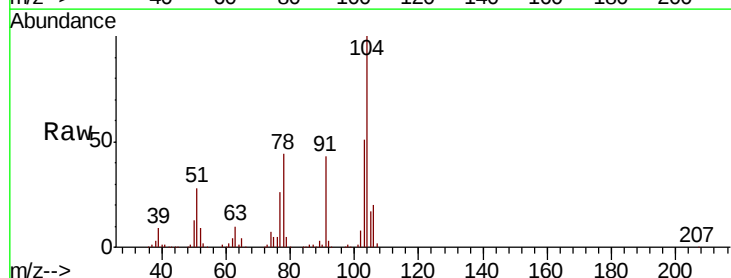
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

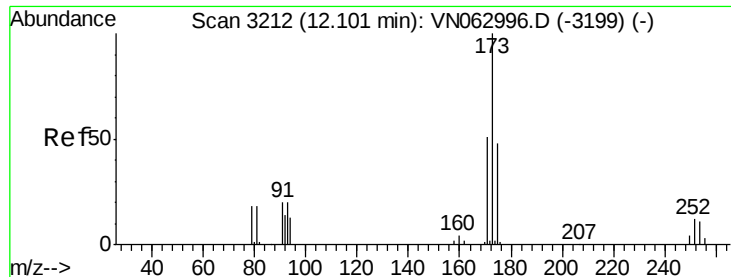
Tot Ion:106 Resp: 183387
Ion Ratio Lower Upper
106 100
91 214.6 107.3 321.9



#70
Styrene
Concen: 52.997 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN063071.D
Acq: 21 Aug 2020 9:55

Tgt Ion:104 Resp: 330738
Ion Ratio Lower Upper
104 100
78 49.4 39.0 58.6
103 54.9 44.3 66.5





#71

Bromoform

Concen: 56.919 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN063071.D

Acq: 21 Aug 2020 9:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

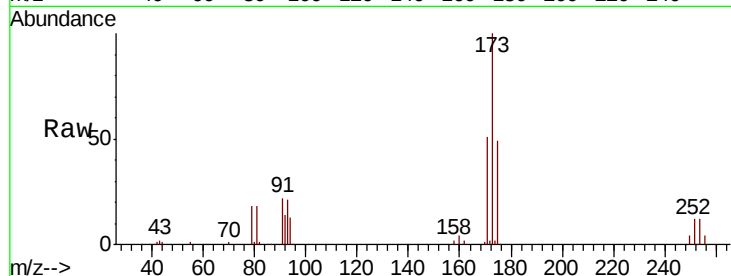
Tot Ion:173 Resp: 91684

Ion Ratio Lower Upper

173 100

175 48.5 24.3 72.8

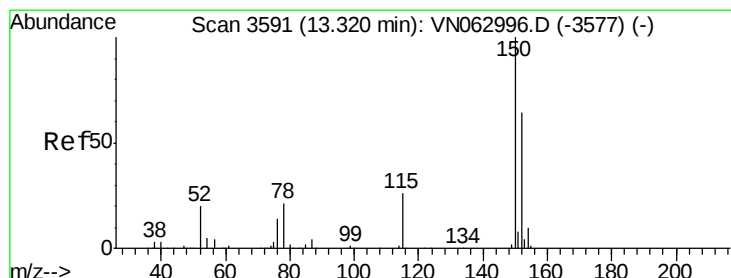
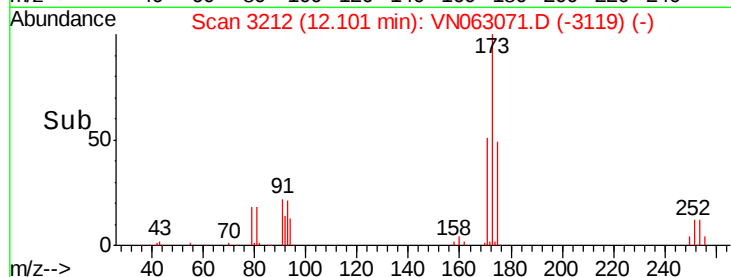
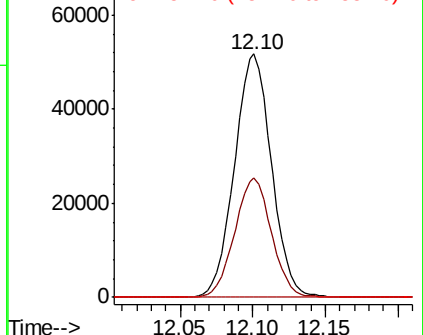
254 0.0 0.0 0.0



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# 3590

Delta R.T. -0.00 min

Lab File: VN063071.D

Acq: 21 Aug 2020 9:55

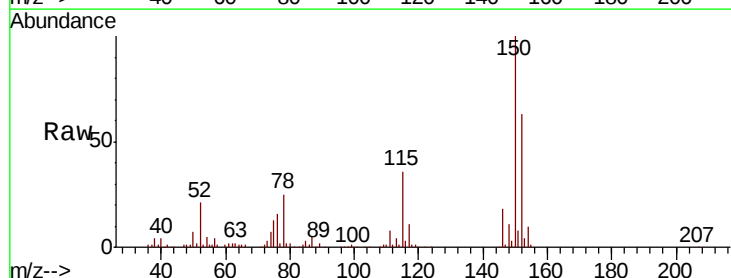
Tgt Ion:152 Resp: 132080

Ion Ratio Lower Upper

152 100

115 56.7 28.7 86.3

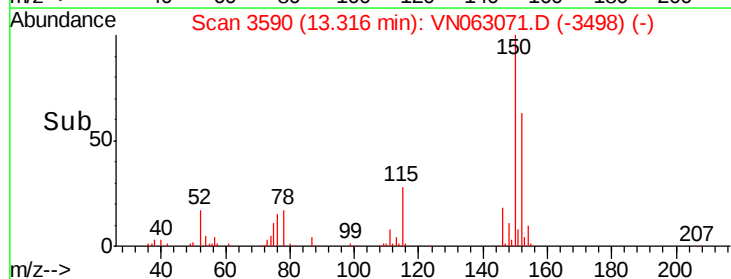
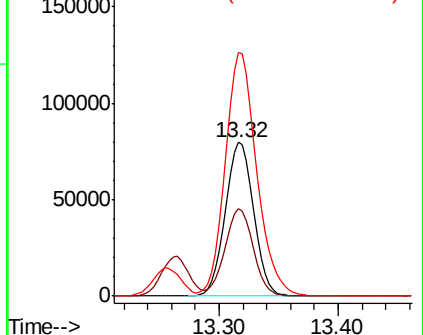
150 175.1 0.0 348.8

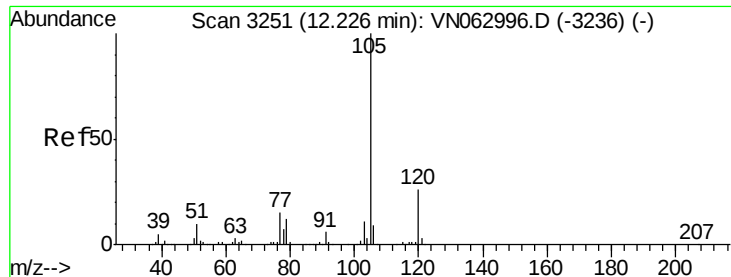


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 55.104 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN063071.D

Acq: 21 Aug 2020 9:55

Instrument :

MSVOA_N

ClientSampleId :

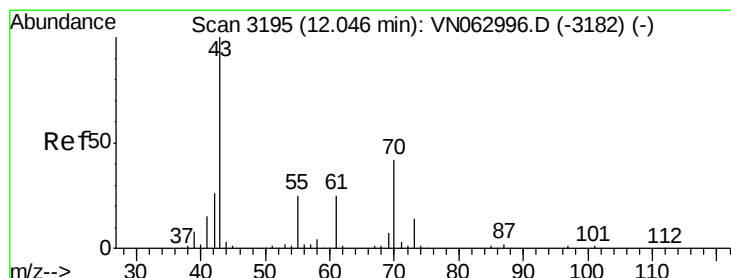
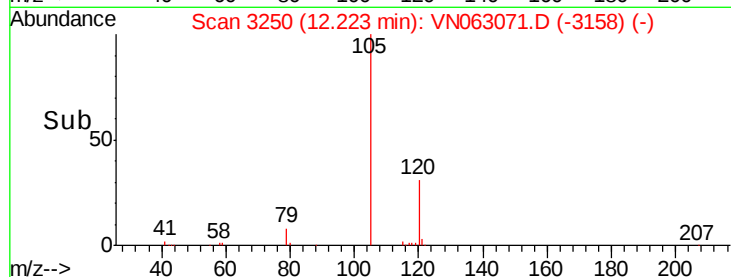
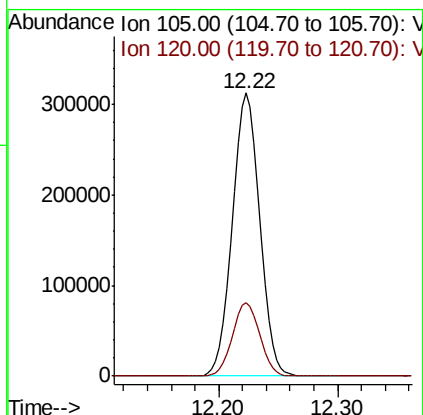
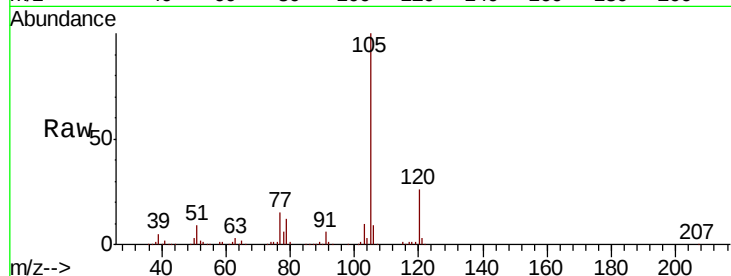
VSTDCCC050

Tot Ion:105 Resp: 498406

Ion Ratio Lower Upper

105 100

120 26.0 13.2 39.6



#74

N-ethyl acetate

Concen: 57.220 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN063071.D

Acq: 21 Aug 2020 9:55

Tgt Ion: 43 Resp: 185360

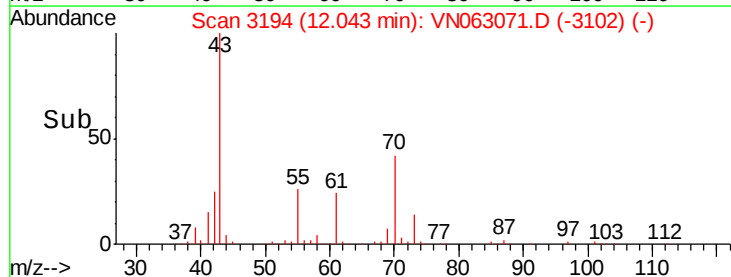
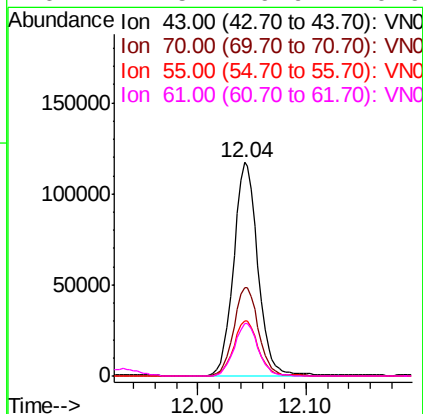
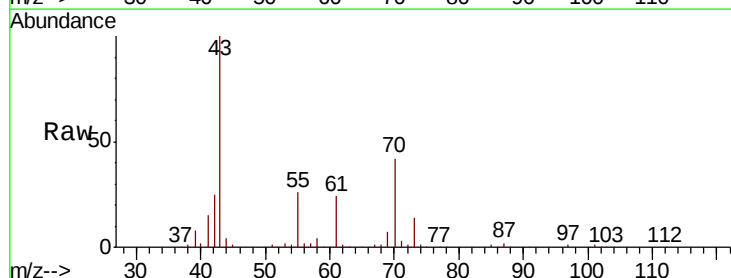
Ion Ratio Lower Upper

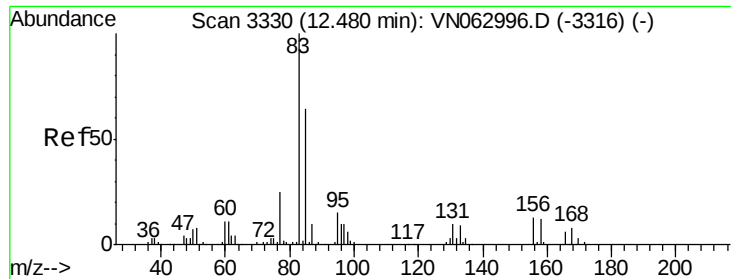
43 100

70 42.2 33.4 50.0

55 25.9 20.2 30.2

61 24.5 19.9 29.9





#75

1,1,2,2-Tetrachloroethane

Concen: 55.017 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN063071.D

Acq: 21 Aug 2020 9:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

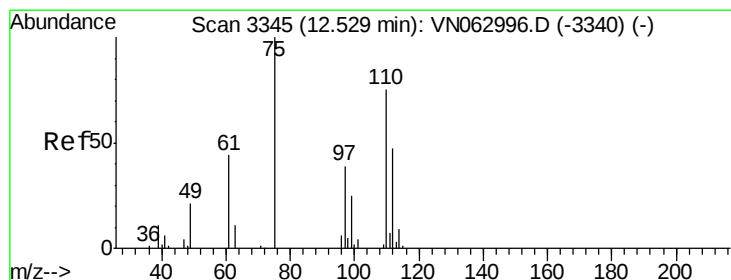
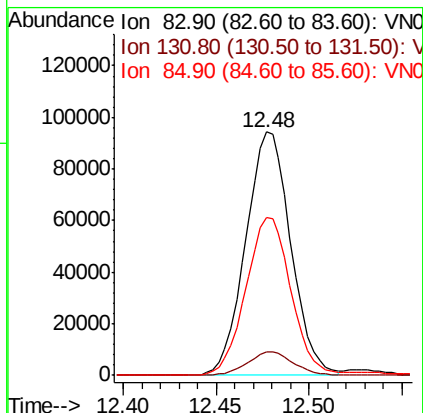
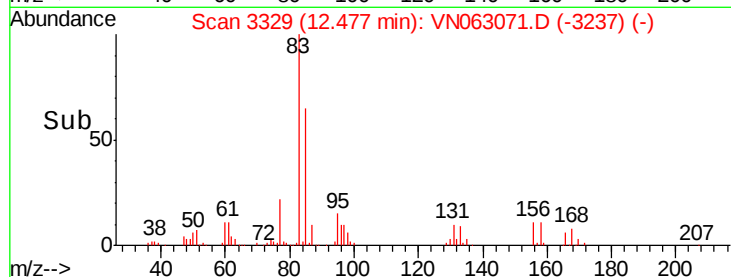
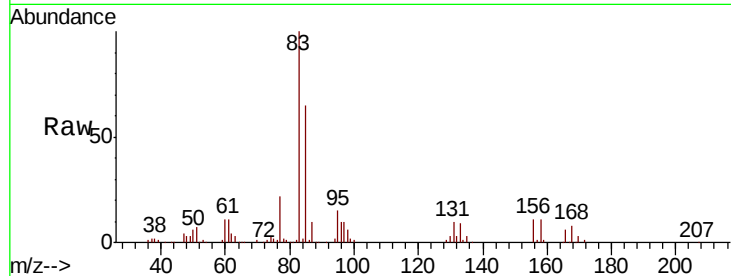
Tot Ion: 83 Resp: 160084

Ion Ratio Lower Upper

83 100

131 9.9 4.9 14.7

85 64.8 31.9 95.5



#76

1,2,3-Trichloropropane

Concen: 77.709 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN063071.D

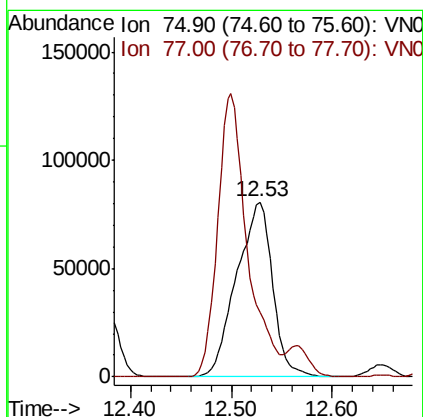
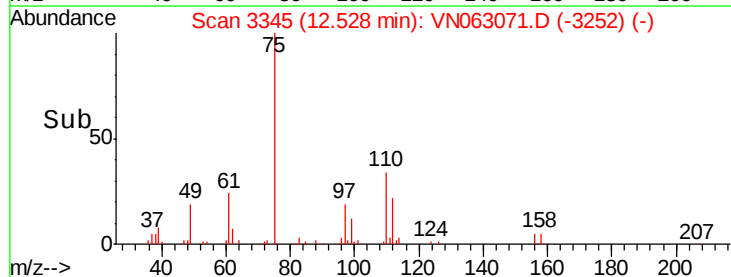
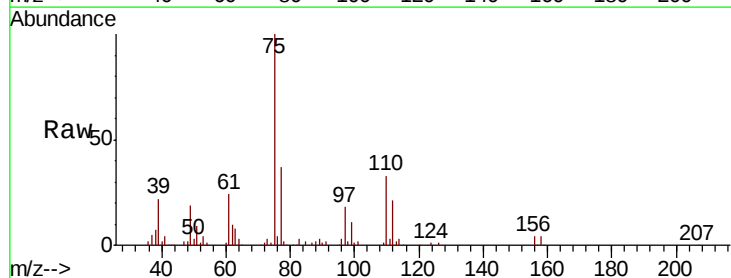
Acq: 21 Aug 2020 9:55

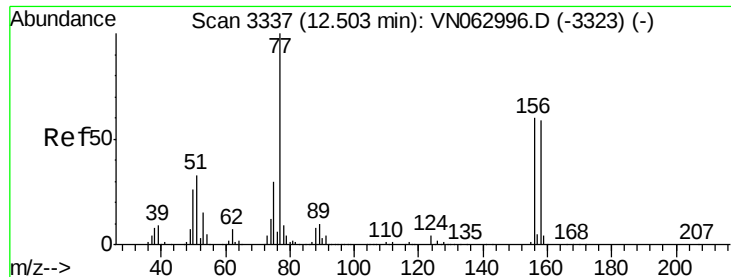
Tgt Ion: 75 Resp: 199505

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 53.454 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN063071.D

Acq: 21 Aug 2020 9:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

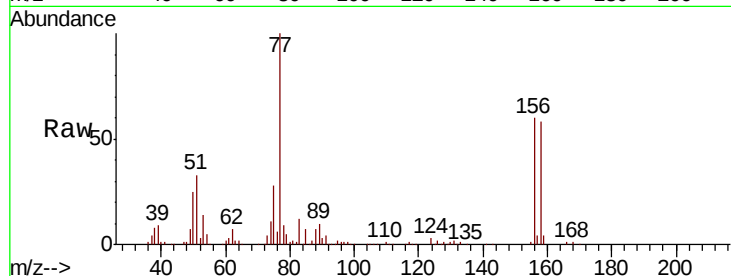
Tot Ion:156 Resp: 132972

Ion Ratio Lower Upper

156 100

77 202.3 101.0 302.9

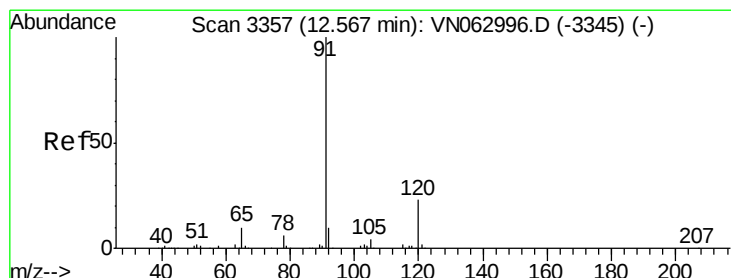
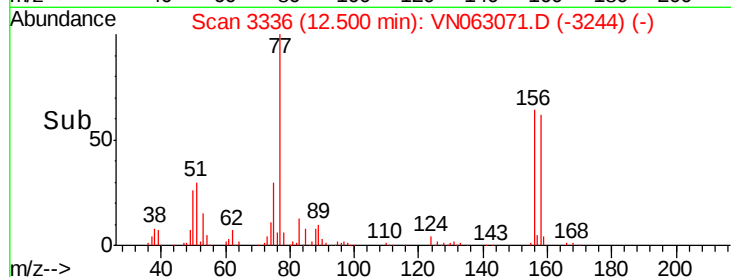
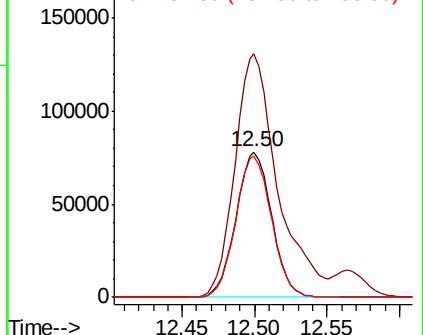
158 97.7 49.4 148.0



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: 57.847 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. -0.00 min

Lab File: VN063071.D

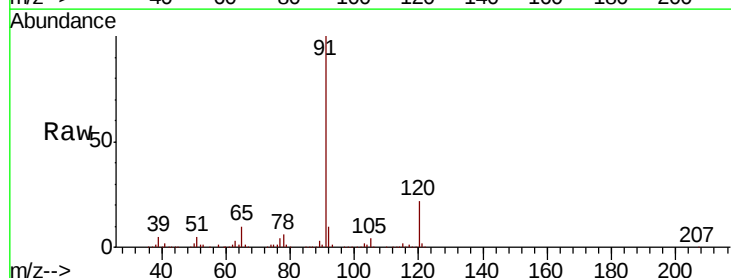
Acq: 21 Aug 2020 9:55

Tgt Ion: 91 Resp: 596373

Ion Ratio Lower Upper

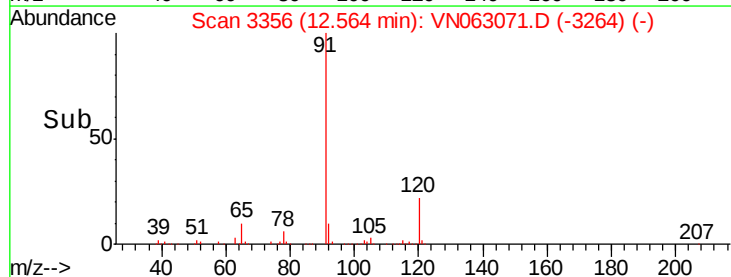
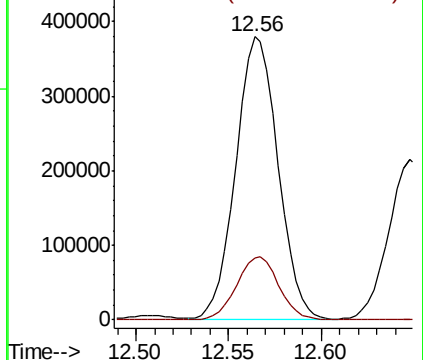
91 100

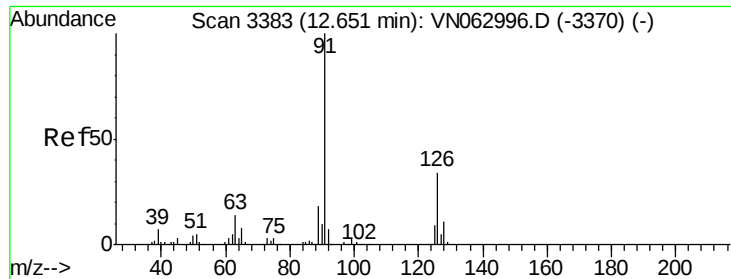
120 22.4 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

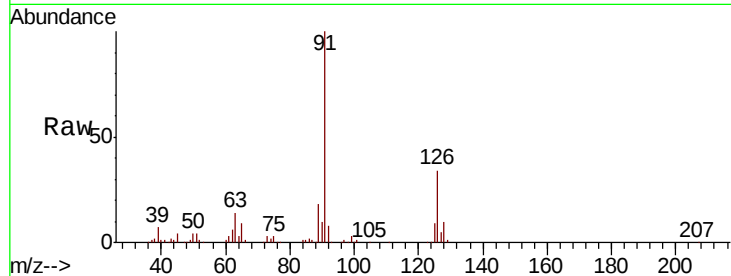




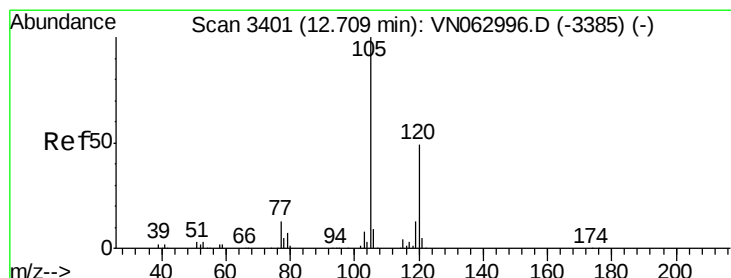
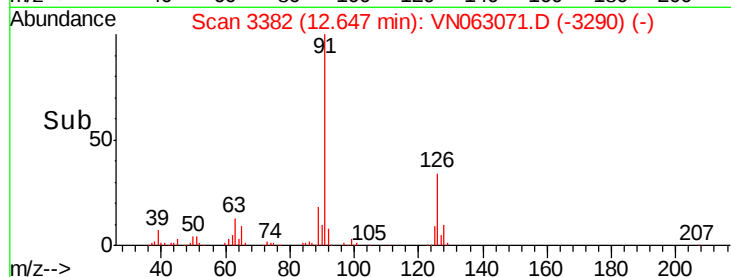
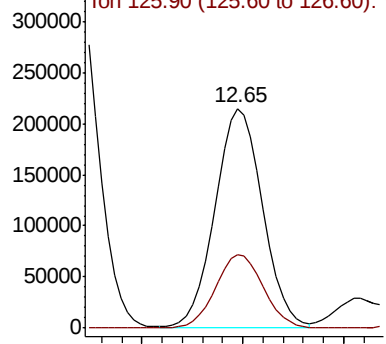
#79
 2-Chlorotoluene
 Concen: 54.155 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. -0.00 min
 Lab File: VN063071.D
 Acq: 21 Aug 2020 9:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 351168
 Ion Ratio Lower Upper
 91 100
 126 34.0 17.1 51.2

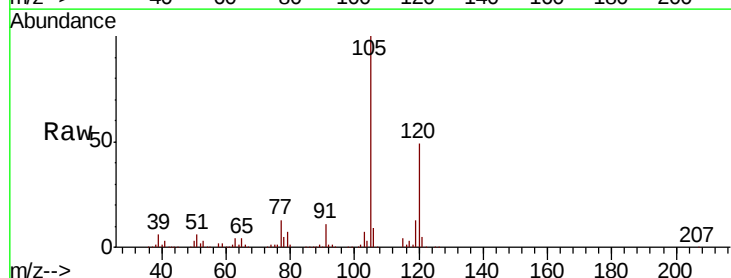


Abundance Ion 91.00 (90.70 to 91.70): VN062996.D (-3370) (-)
 Ion 125.90 (125.60 to 126.60): VN062996.D (-3370) (-)

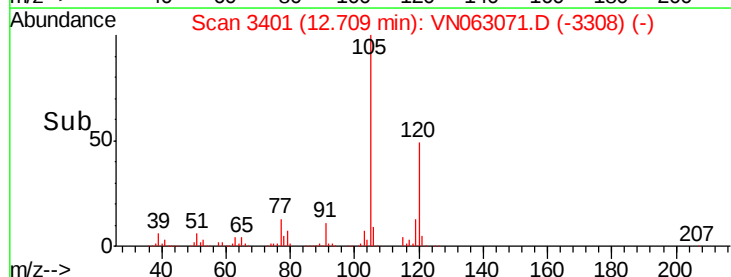
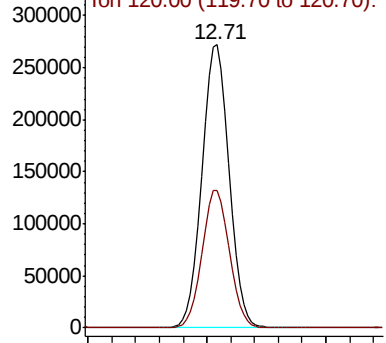


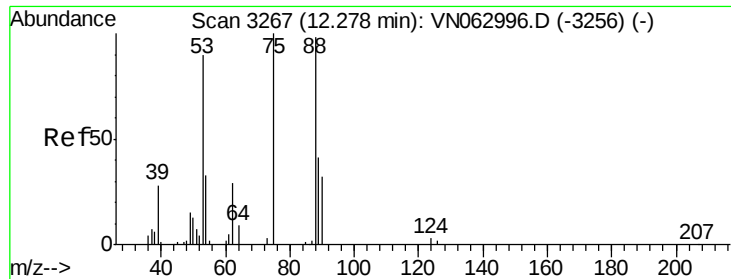
#80
 1,3,5-Trimethylbenzene
 Concen: 57.511 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN063071.D
 Acq: 21 Aug 2020 9:55

Tgt Ion: 105 Resp: 430005
 Ion Ratio Lower Upper
 105 100
 120 49.0 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VN062996.D (-3385) (-)
 Ion 120.00 (119.70 to 120.70): VN062996.D (-3385) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 56.088 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN063071.D

Acq: 21 Aug 2020 9:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

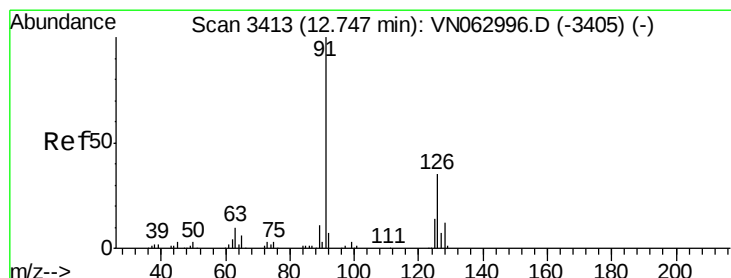
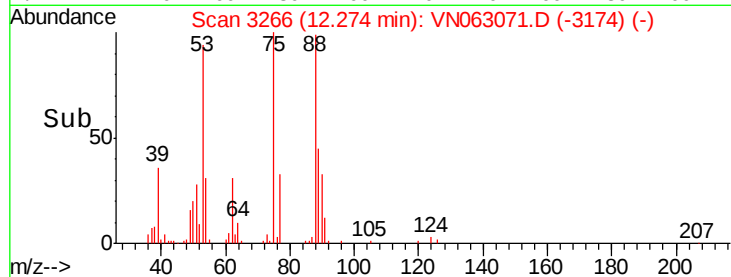
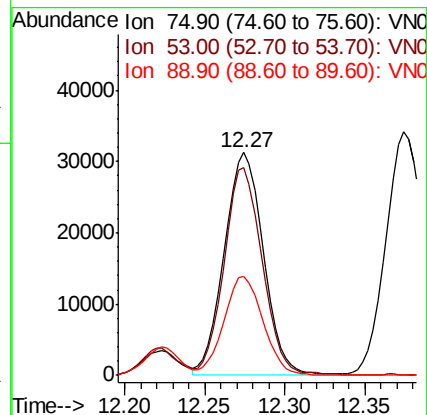
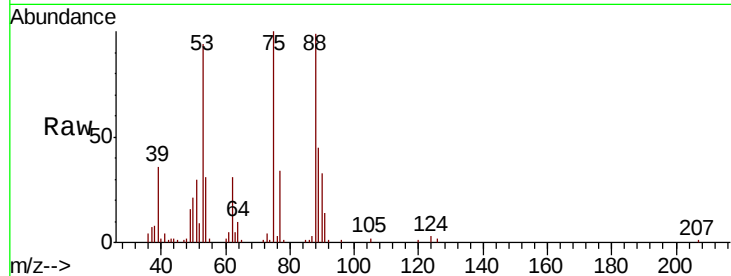
Tot Ion: 75 Resp: 52430

Ion Ratio Lower Upper

75 100

53 90.6 69.2 103.8

89 44.0 34.2 51.4



#82

4-Chlorotoluene

Concen: 56.067 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN063071.D

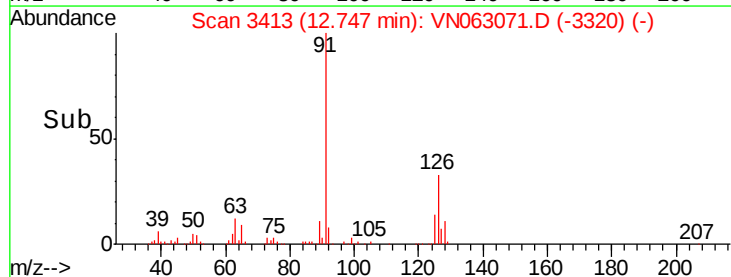
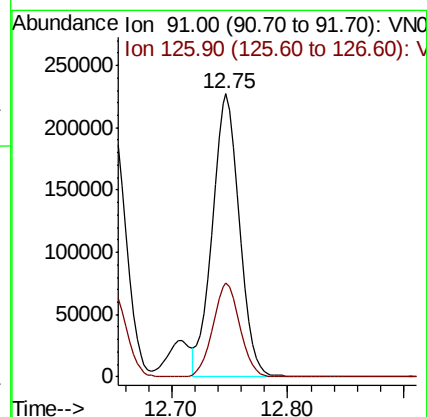
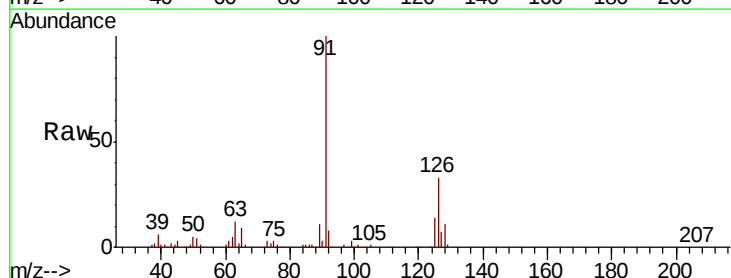
Acq: 21 Aug 2020 9:55

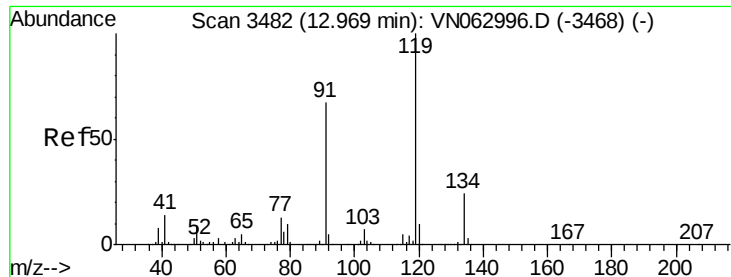
Tgt Ion: 91 Resp: 370207

Ion Ratio Lower Upper

91 100

126 33.1 16.5 49.5

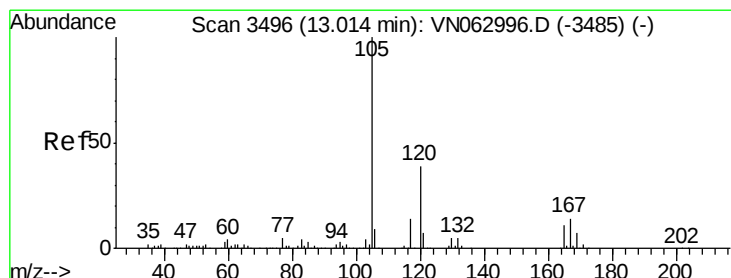
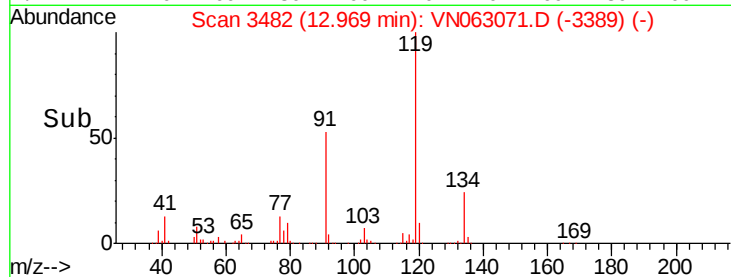
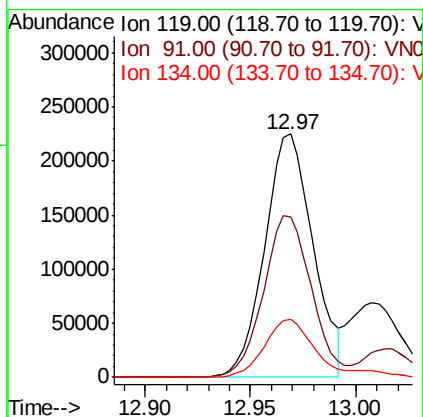
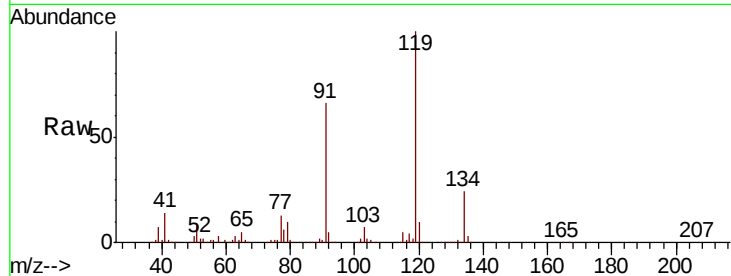




#83
 tert-Butylbenzene
 Concen: 55.770 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN063071.D
 Acq: 21 Aug 2020 9:55

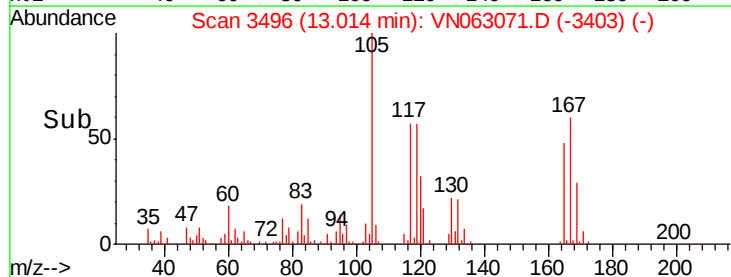
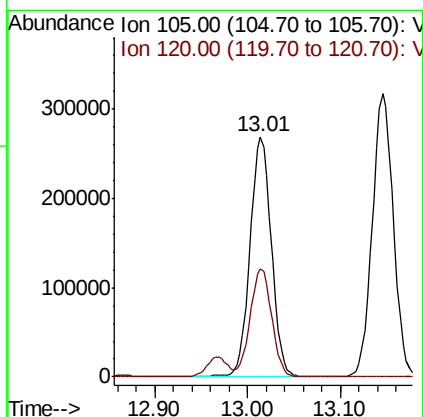
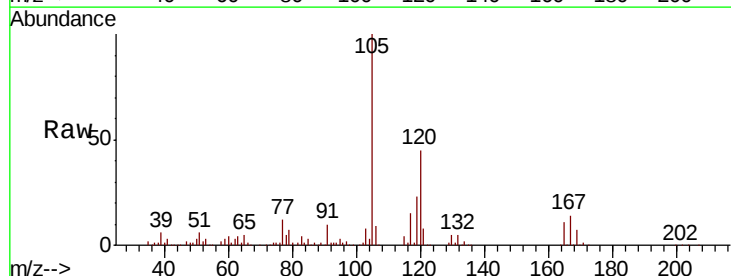
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

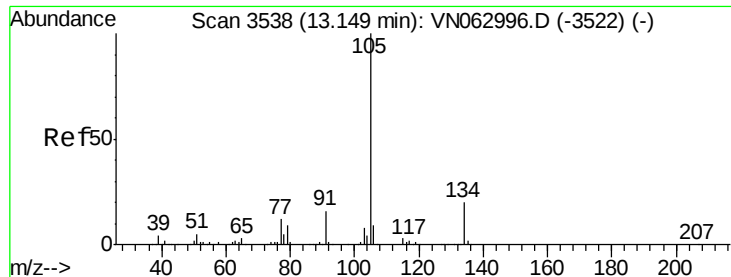
Tot Ion:119 Resp: 359908
 Ion Ratio Lower Upper
 119 100
 91 65.3 32.5 97.4
 134 26.3 13.1 39.3



#84
 1,2,4-Trimethylbenzene
 Concen: 58.986 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN063071.D
 Acq: 21 Aug 2020 9:55

Tgt Ion:105 Resp: 429659
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.5 67.5





#85

sec-Butylbenzene

Concen: 56.920 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN063071.D

Acq: 21 Aug 2020 9:55

Instrument :

MSVOA_N

ClientSampleId :

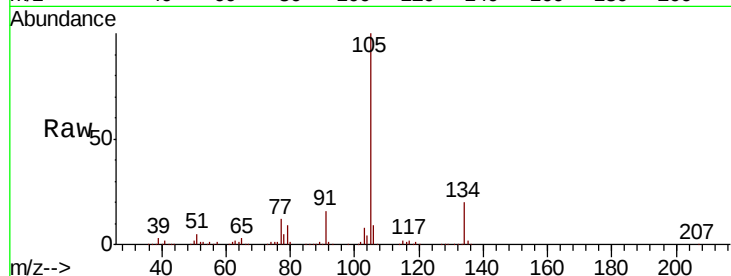
VSTDCCC050

Tot Ion:105 Resp: 496431

Ion Ratio Lower Upper

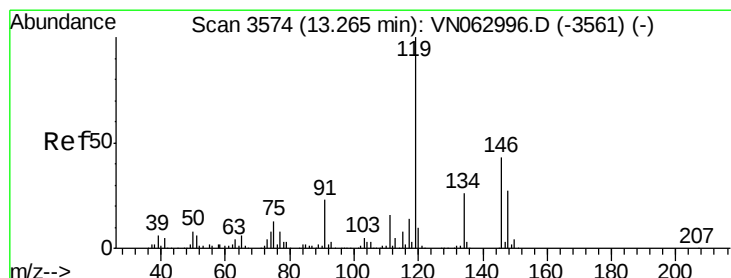
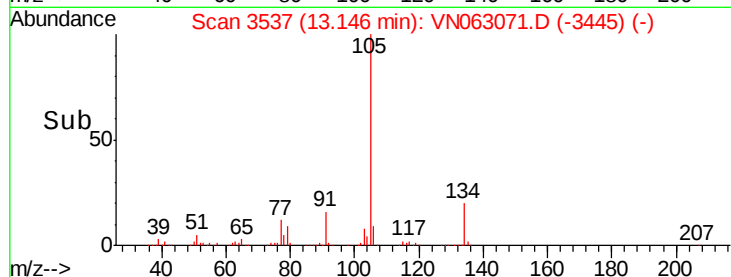
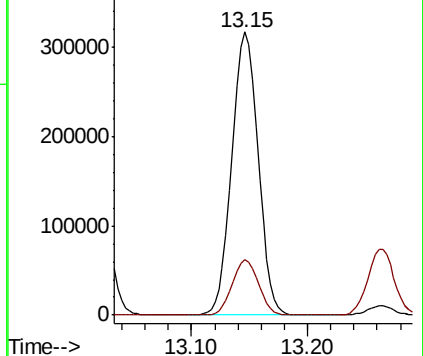
105 100

134 19.6 9.8 29.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 58.380 ug/l

RT: 13.26 min Scan# 3573

Delta R.T. -0.00 min

Lab File: VN063071.D

Acq: 21 Aug 2020 9:55

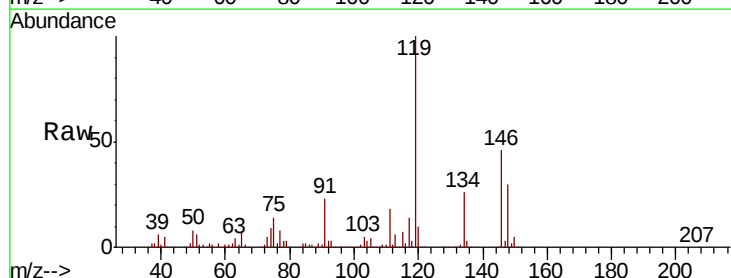
Tgt Ion:119 Resp: 443657

Ion Ratio Lower Upper

119 100

134 26.4 13.1 39.3

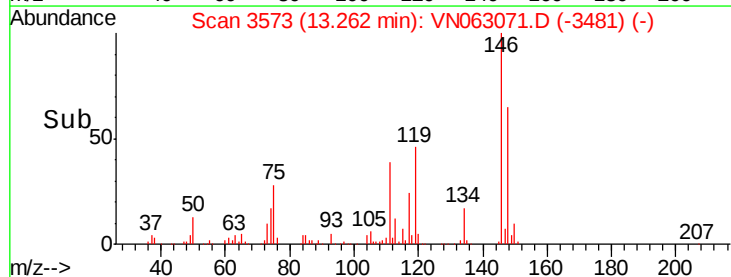
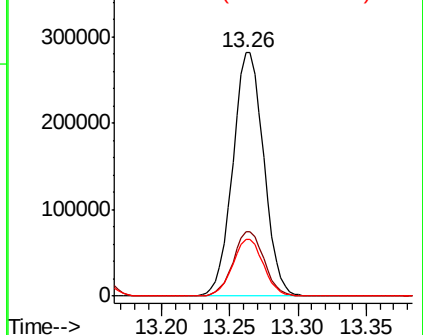
91 23.2 11.5 34.4

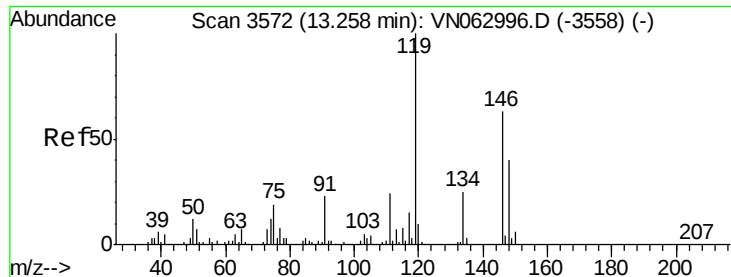


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

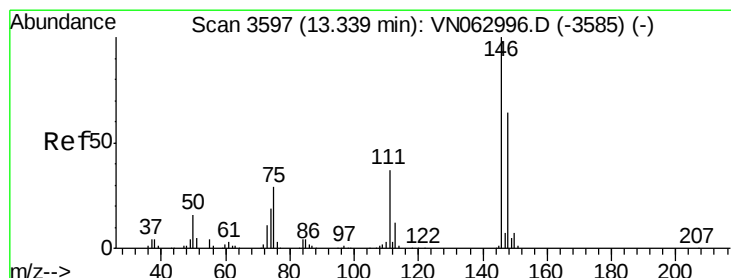
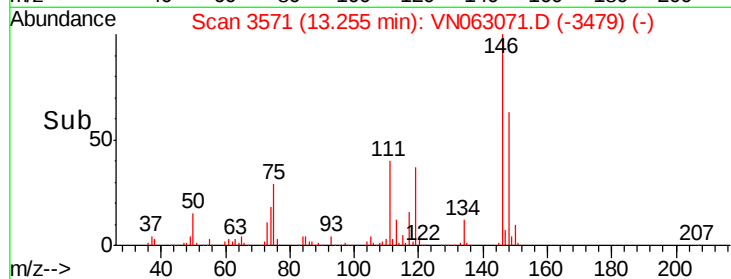
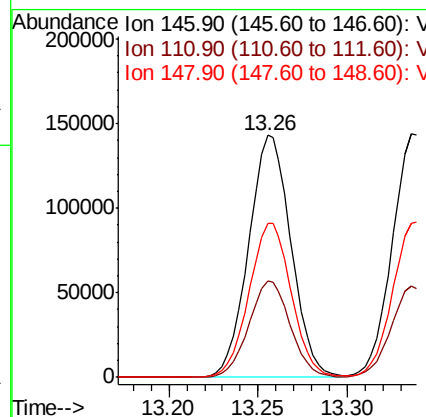
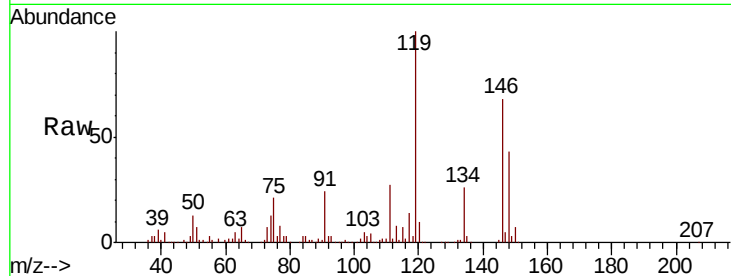




#87
 1,3-Dichlorobenzene
 Concen: 55.695 ug/l
 RT: 13.26 min Scan# 3571
 Delta R.T. -0.00 min
 Lab File: VN063071.D
 Acq: 21 Aug 2020 9:55

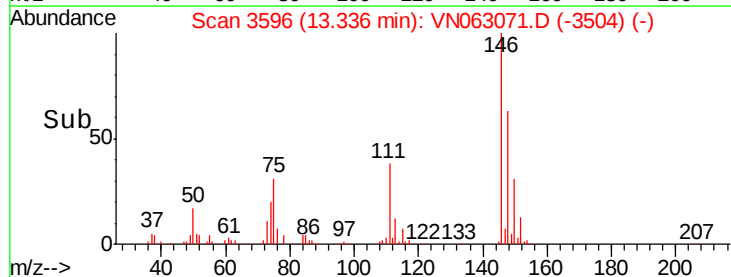
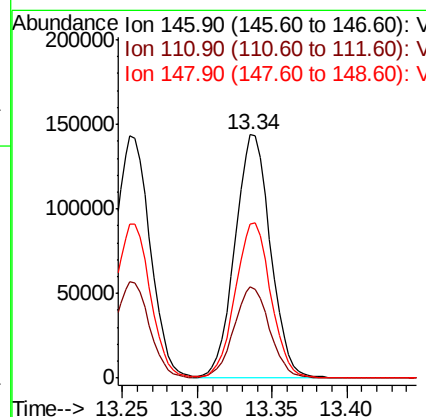
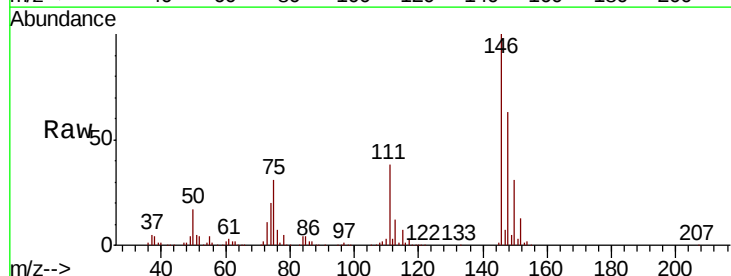
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

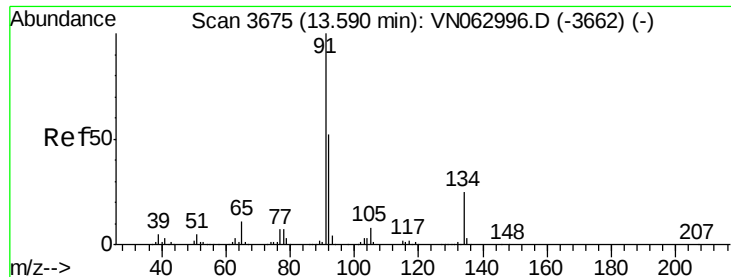
Tot Ion:146 Resp: 238106
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.4 58.1
 148 63.7 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 54.539 ug/l
 RT: 13.34 min Scan# 3596
 Delta R.T. -0.00 min
 Lab File: VN063071.D
 Acq: 21 Aug 2020 9:55

Tgt Ion:146 Resp: 236654
 Ion Ratio Lower Upper
 146 100
 111 37.6 18.8 56.4
 148 63.8 32.4 97.0





#89

n-Butylbenzene

Concen: 50.521 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. 0.00 min

Lab File: VN063071.D

Acq: 21 Aug 2020 9:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

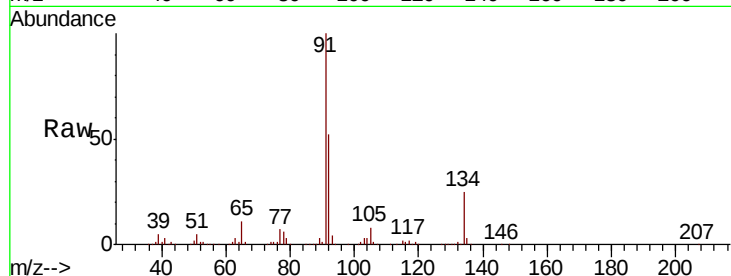
Tot Ion: 91 Resp: 364103

Ion Ratio Lower Upper

91 100

92 51.3 25.9 77.6

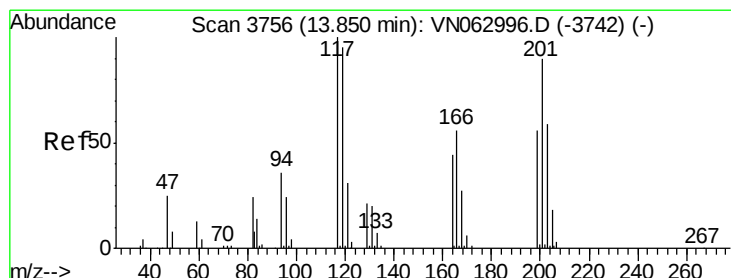
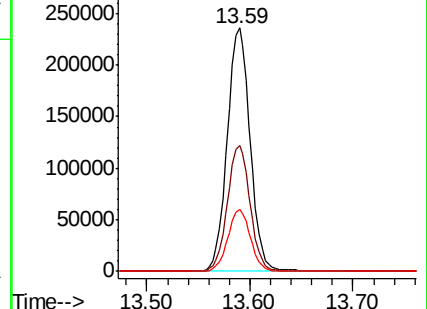
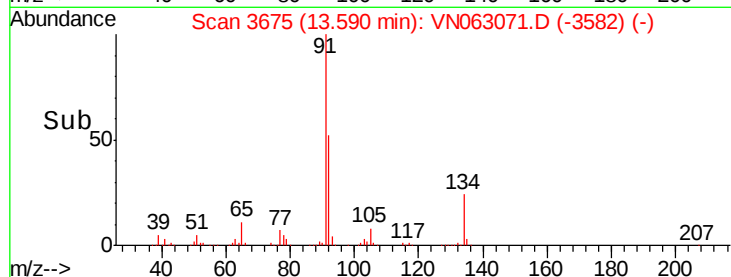
134 25.2 12.4 37.0



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: 53.133 ug/l

RT: 13.85 min Scan# 3755

Delta R.T. -0.00 min

Lab File: VN063071.D

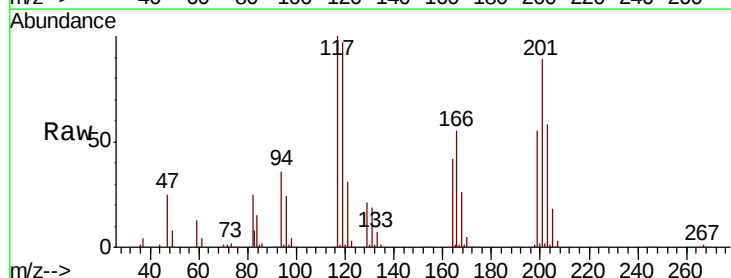
Acq: 21 Aug 2020 9:55

Tgt Ion: 117 Resp: 85822

Ion Ratio Lower Upper

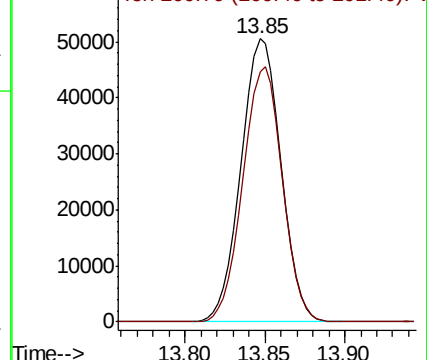
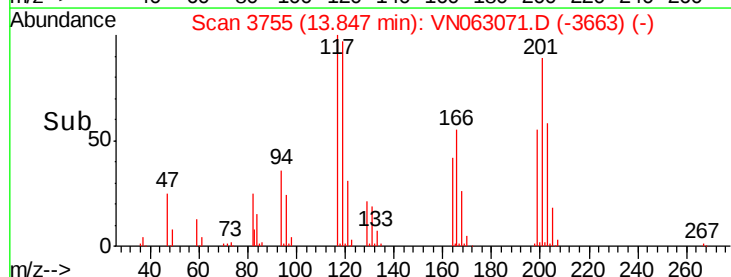
117 100

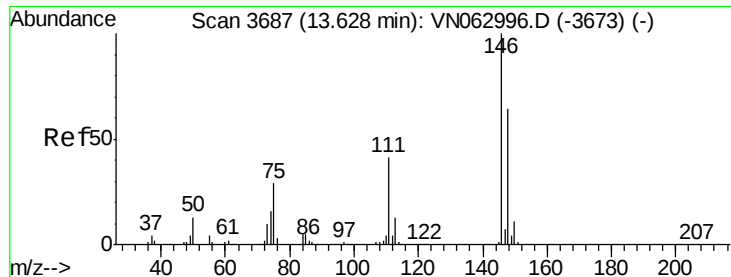
201 89.0 44.1 132.4



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

Ion 200.70 (200.40 to 201.40): VN062996.D (-3742) (-)

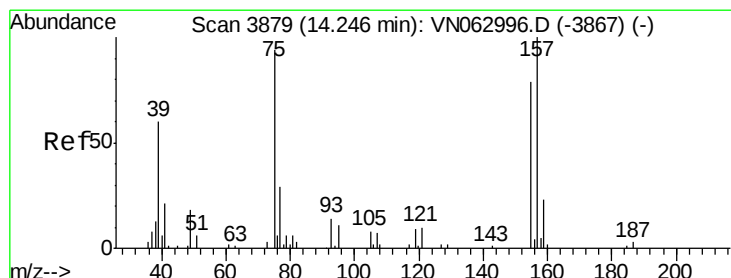
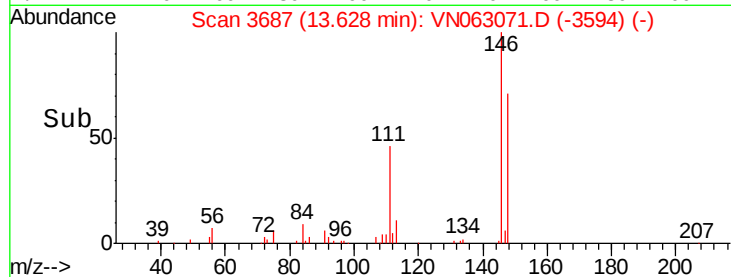
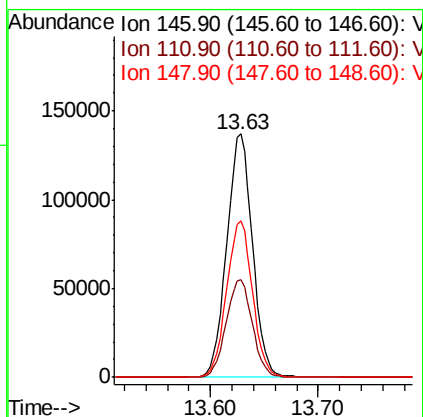
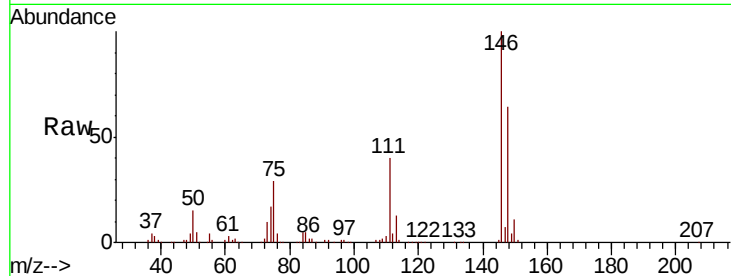




#91
 1,2-Dichlorobenzene
 Concen: 55.384 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN063071.D
 Acq: 21 Aug 2020 9:55

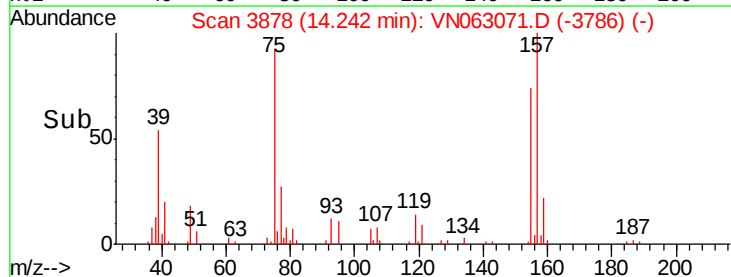
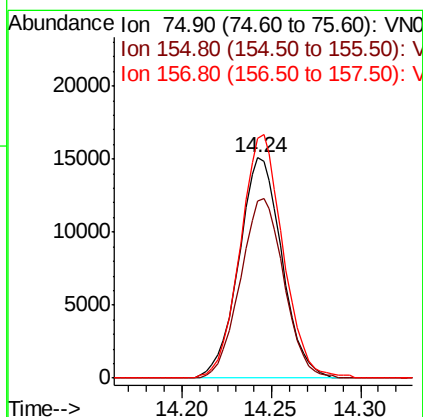
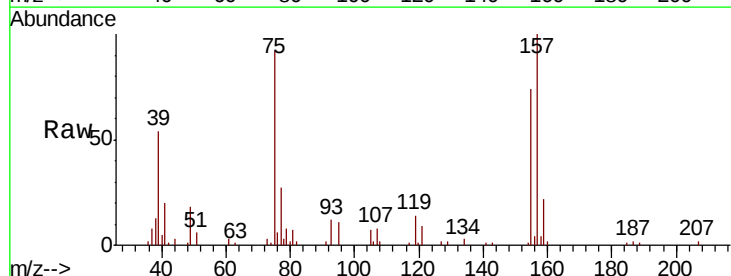
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

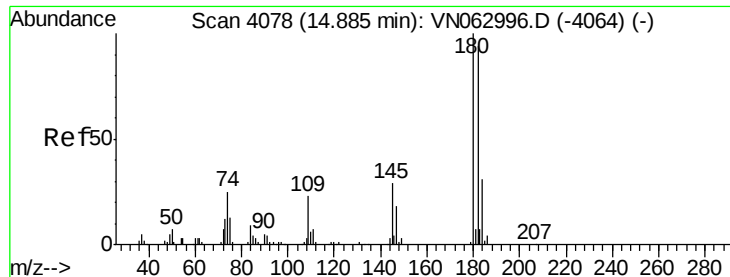
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.2	60.5
148	64.4	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.903 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. -0.00 min
 Lab File: VN063071.D
 Acq: 21 Aug 2020 9:55

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.5	42.4	127.1
157	109.7	55.2	165.6

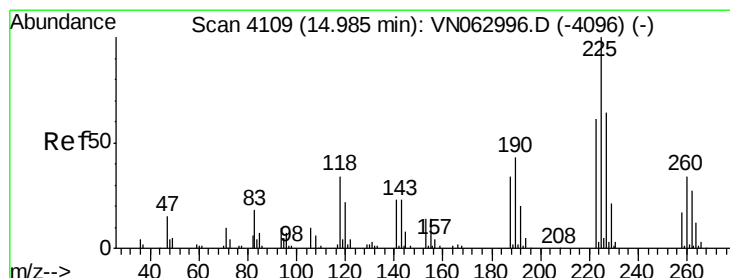
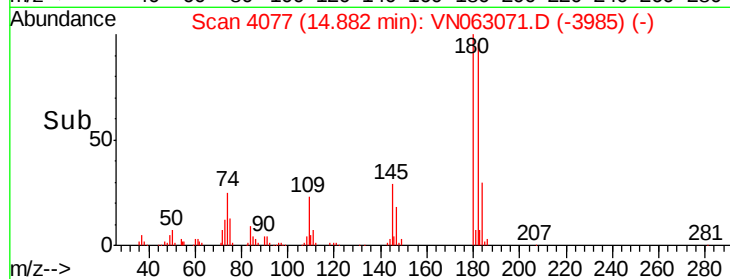
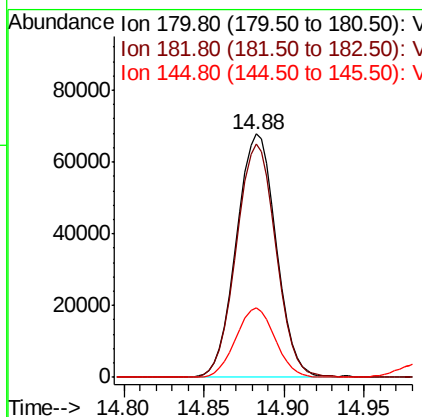
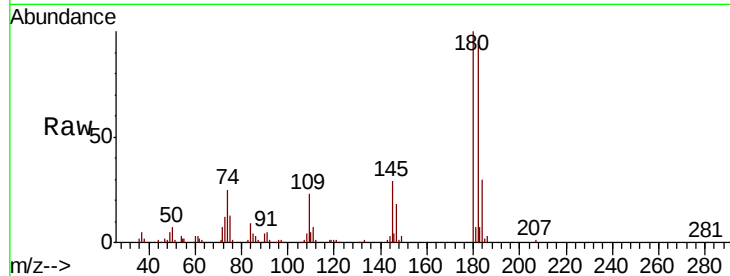




#93
 1,2,4-Trichlorobenzene
 Concen: 50.127 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN063071.D
 Acq: 21 Aug 2020 9:55

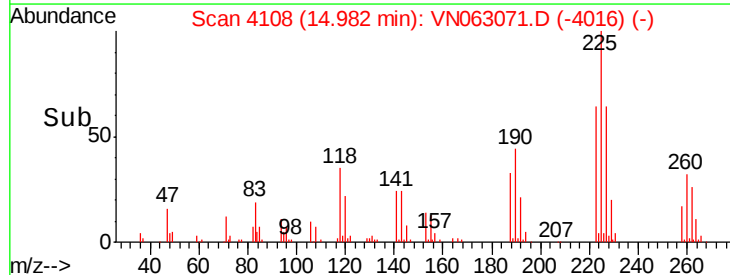
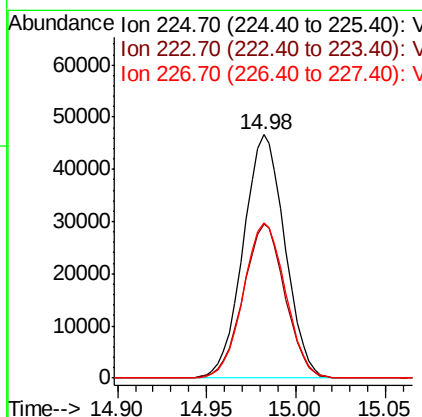
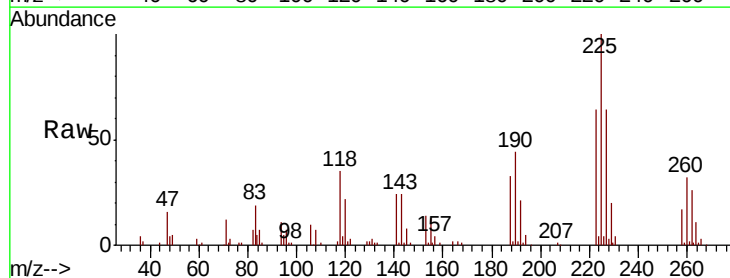
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

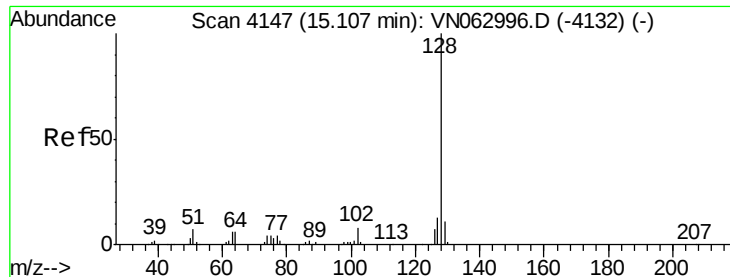
Tot Ion:180 Resp: 114774
 Ion Ratio Lower Upper
 180 100
 182 95.8 47.0 141.2
 145 28.2 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 49.986 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN063071.D
 Acq: 21 Aug 2020 9:55

Tgt Ion:225 Resp: 76278
 Ion Ratio Lower Upper
 225 100
 223 63.4 30.9 92.5
 227 64.3 31.9 95.9

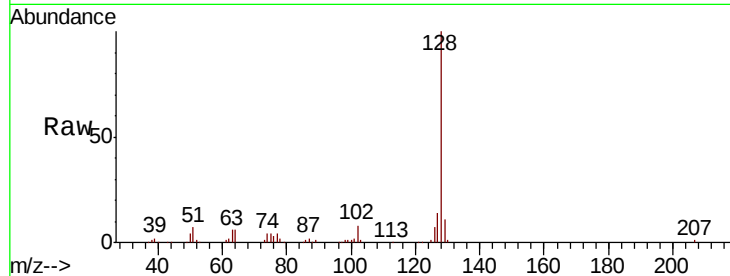




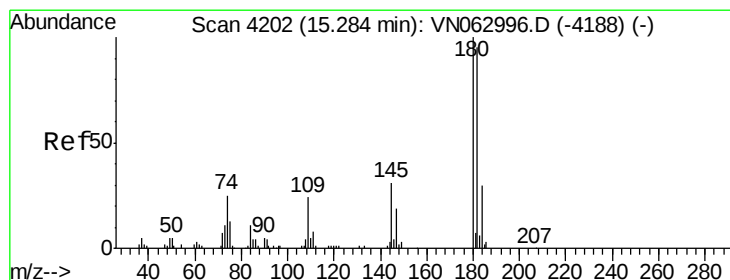
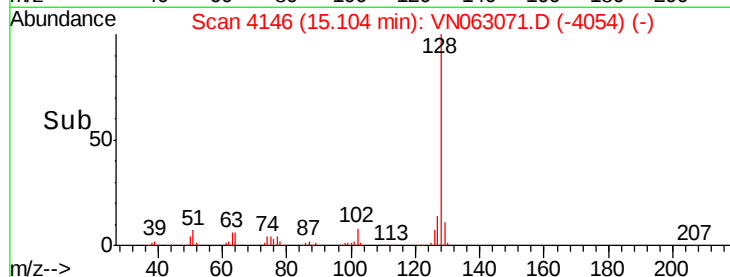
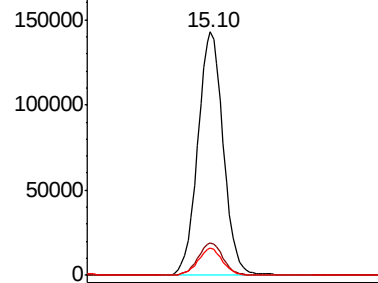
#95
Naphthalene
Concen: 48.043 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. -0.00 min
Lab File: VN063071.D
Acq: 21 Aug 2020 9:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 251869
Ion Ratio Lower Upper
128 100
127 13.2 10.6 16.0
129 10.7 8.9 13.3

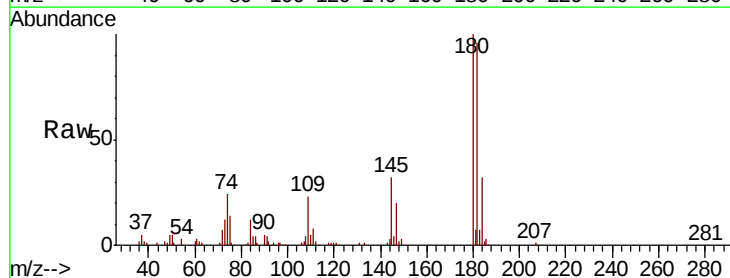


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 49.540 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. 0.00 min
Lab File: VN063071.D
Acq: 21 Aug 2020 9:55

Tgt Ion:180 Resp: 111077
Ion Ratio Lower Upper
180 100
182 97.0 47.3 141.9
145 31.1 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

