

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082620\
 Data File : VN063145.D
 Acq On : 26 Aug 2020 20:11
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 27 00:57:17 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	7.63	168	189111	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	288830	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	270562	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	135142	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	111929	49.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.88%	
35) Dibromofluoromethane	7.55	113	94747	50.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.68%	
50) Toluene-d8	10.06	98	367768	50.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.74%	
62) 4-Bromofluorobenzene	12.38	95	132949	52.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.24%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.83	85	102244	41.430	ug/l 100
3) Chloromethane	2.03	50	108442	41.822	ug/l 99
4) Vinyl Chloride	2.17	62	122091	48.688	ug/l 99
5) Bromomethane	2.54	94	72508	48.715	ug/l 96
6) Chloroethane	2.67	64	73196	49.439	ug/l 100
7) Trichlorofluoromethane	2.99	101	151360	48.401	ug/l 97
8) Diethyl Ether	3.38	74	48877	44.181	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	3.72	101	72424	42.979	ug/l 100
10) Methyl Iodide	3.91	142	98139	45.947	ug/l 100
11) Tert butyl alcohol	4.73	59	65529	206.408	ug/l 100
12) 1,1-Dichloroethene	3.70	96	67790	42.230	ug/l 99
13) Acrolein	3.57	56	1998	20.089	ug/l 86
14) Allyl chloride	4.28	41	119492	42.218	ug/l 96
15) Acrylonitrile	4.93	53	200369	214.732	ug/l 100
16) Acetone	3.78	43	139710	199.093	ug/l 99
17) Carbon Disulfide	4.01	76	157005	37.347	ug/l 97
18) Methyl Acetate	4.28	43	91669	41.156	ug/l 98
19) Methyl tert-butyl Ether	5.00	73	272057	48.597	ug/l 99
20) Methylene Chloride	4.51	84	89983	45.414	ug/l 96
21) trans-1,2-Dichloroethene	4.99	96	74158	44.144	ug/l 98
22) Diisopropyl ether	5.91	45	293314	45.668	ug/l 99
23) Vinyl Acetate	5.85	43	910548	210.086	ug/l 97
24) 1,1-Dichloroethane	5.80	63	157585	43.906	ug/l 100
25) 2-Butanone	6.79	43	265595	223.204	ug/l 98
26) 2,2-Dichloropropane	6.78	77	125092	44.318	ug/l 99
27) cis-1,2-Dichloroethene	6.78	96	101768	48.332	ug/l 98
28) Bromochloromethane	7.15	49	91526	48.738	ug/l 99
29) Tetrahydrofuran	7.17	42	173725	226.212	ug/l 98
30) Chloroform	7.33	83	171957	47.572	ug/l 99
31) Cyclohexane	7.62	56	144523	43.750	ug/l 98
32) 1,1,1-Trichloroethane	7.53	97	140629	47.655	ug/l 99
36) 1,1-Dichloropropene	7.75	75	115324	45.308	ug/l 99
37) Ethyl Acetate	6.88	43	101797	42.682	ug/l 99
38) Carbon Tetrachloride	7.73	117	118261	46.021	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	124166	36.566	ug/l	98
40) Benzene	8.00	78	374002	46.328	ug/l	99
41) Methacrylonitrile	7.12	41	44104	38.813	ug/l #	82
42) 1,2-Dichloroethane	8.09	62	124913	46.082	ug/l	100
43) Isopropyl Acetate	8.13	43	177632	44.956	ug/l	98
44) Trichloroethene	8.80	130	94375	46.998	ug/l	98
45) 1,2-Dichloropropane	9.09	63	108280	46.402	ug/l	99
46) Dibromomethane	9.18	93	62034	46.017	ug/l	98
47) Bromodichloromethane	9.37	83	139181	47.139	ug/l	98
48) Methyl methacrylate	9.17	41	91591	48.992	ug/l	96
49) 1,4-Dioxane	9.17	88	33191	809.748	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	579650	232.091	ug/l	99
52) Toluene	10.13	92	230824	47.398	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	149644	49.010	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	162055	48.382	ug/l	97
55) 1,1,2-Trichloroethane	10.54	97	97300	46.727	ug/l	99
56) Ethyl methacrylate	10.40	69	143835	44.908	ug/l	100
57) 1,3-Dichloropropane	10.68	76	163674	47.336	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	326882	409.873	ug/l	99
59) 2-Hexanone	10.72	43	413926	237.605	ug/l	100
60) Dibromochloromethane	10.88	129	108970	47.288	ug/l	99
61) 1,2-Dibromoethane	10.98	107	93867	46.915	ug/l	98
64) Tetrachloroethene	10.60	164	92925	52.248	ug/l	98
65) Chlorobenzene	11.41	112	258825	47.632	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	101930	48.227	ug/l	100
67) Ethyl Benzene	11.49	91	453886	49.434	ug/l	99
68) m/p-Xylenes	11.60	106	343343	100.612	ug/l	99
69) o-Xylene	11.92	106	163140	49.784	ug/l	99
70) Styrene	11.94	104	300099	46.296	ug/l	99
71) Bromoform	12.10	173	81077	48.194	ug/l #	99
73) Isopropylbenzene	12.23	105	435598	47.069	ug/l	100
74) N-amyl acetate	12.05	43	167240	50.457	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	138483	46.246	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	175423	66.781	ug/l #	100
77) Bromobenzene	12.50	156	117839	46.297	ug/l	99
78) n-propylbenzene	12.57	91	503413	47.723	ug/l	100
79) 2-Chlorotoluene	12.65	91	309599	46.662	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	366534	47.911	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	46135	48.235	ug/l	98
82) 4-Chlorotoluene	12.75	91	326847	48.378	ug/l	98
83) tert-Butylbenzene	12.97	119	300338	45.485	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	376086	50.461	ug/l	99
85) sec-Butylbenzene	13.15	105	389312	43.626	ug/l	99
86) p-Isopropyltoluene	13.26	119	357031	45.917	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	213290	48.760	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	214288	48.266	ug/l	100
89) n-Butylbenzene	13.59	91	299587	41.170	ug/l	100
90) Hexachloroethane	13.85	117	63371	38.344	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	210883	49.909	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.25	75	25461	54.628	ug/l	99

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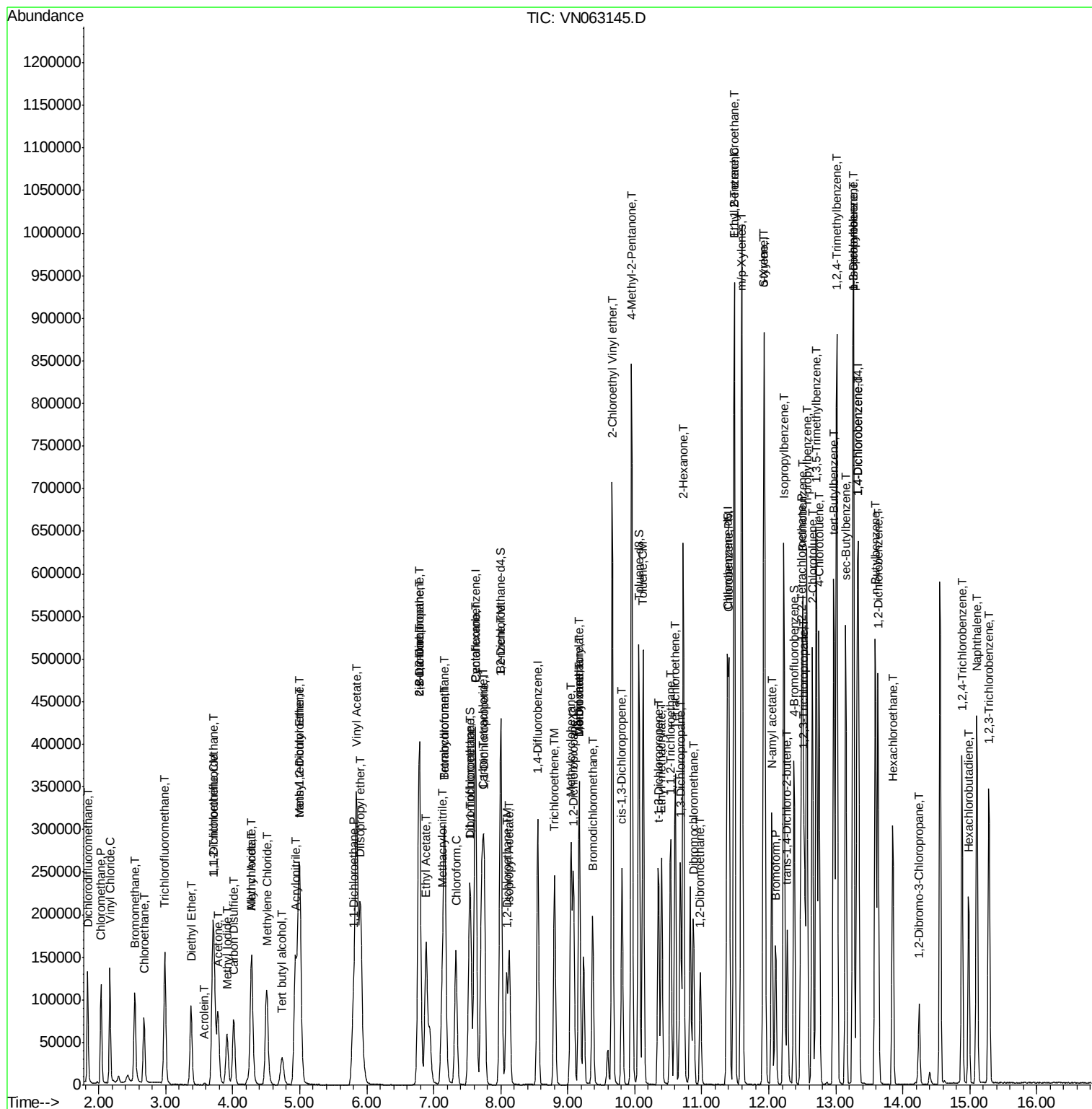
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	129038	54.631	ug/l	98
94) Hexachlorobutadiene	14.99	225	47275	30.278	ug/l	99
95) Naphthalene	15.10	128	373252	67.053	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	127328	55.024	ug/l	99

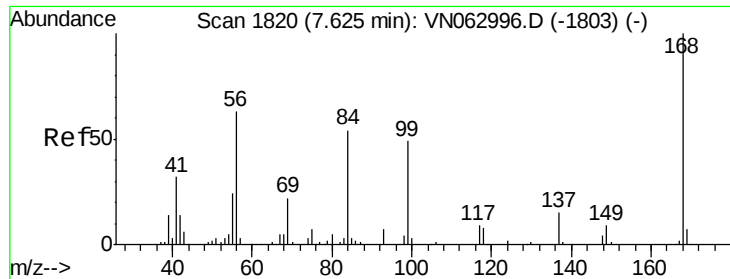
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN082620\
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Acq On : 26 Aug 2020 20:11
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VN063145.D

Acq: 26 Aug 2020 20:11

Instrument :

MSVOA_N

ClientSampleId :

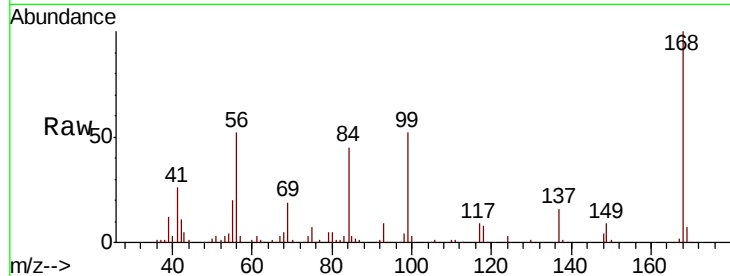
VSTDCCC050EC

Tot Ion:168 Resp: 189111

Ion Ratio Lower Upper

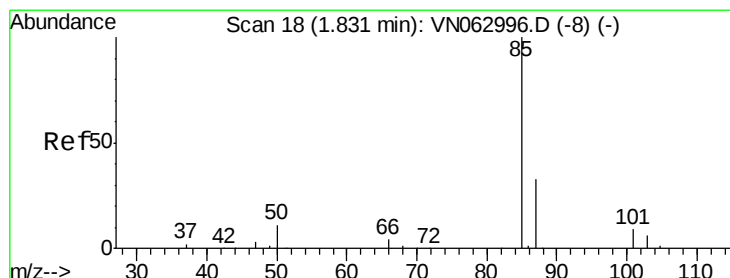
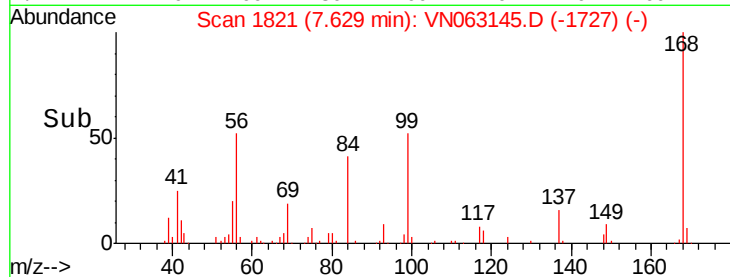
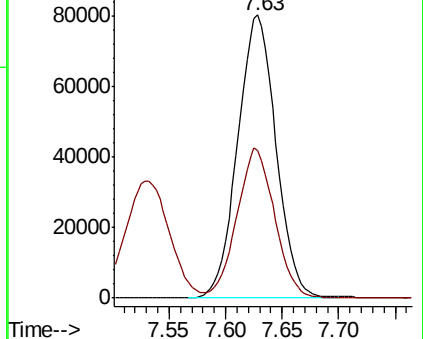
168 100

99 51.8 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 41.430 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN063145.D

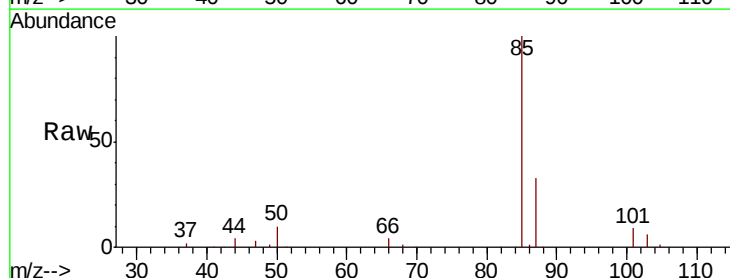
Acq: 26 Aug 2020 20:11

Tgt Ion: 85 Resp: 102244

Ion Ratio Lower Upper

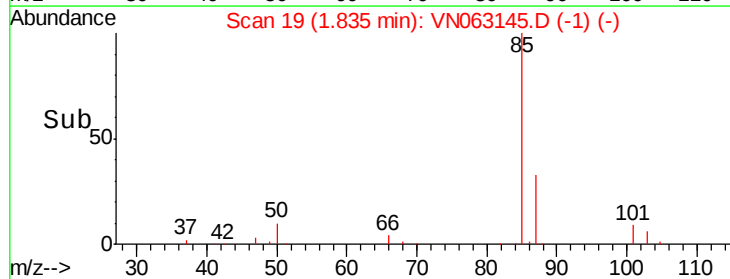
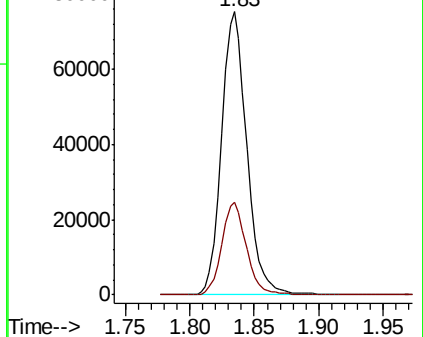
85 100

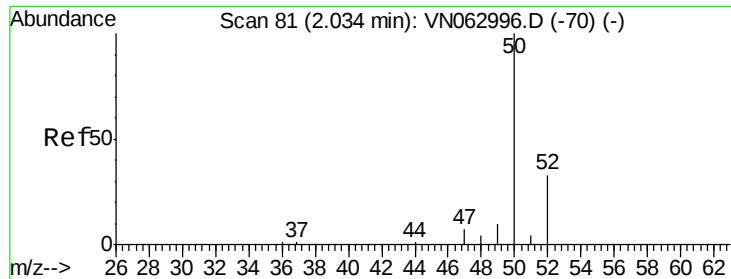
87 32.8 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 41.822 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN063145.D

Acq: 26 Aug 2020 20:11

Instrument :

MSVOA_N

ClientSampleId :

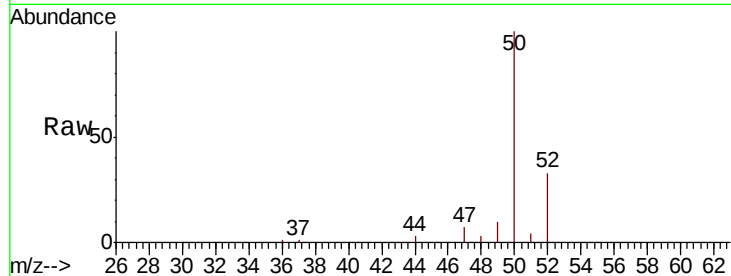
VSTDCCC050EC

Tot Ion: 50 Resp: 108442

Ion Ratio Lower Upper

50 100

52 33.1 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VN062996.D (-70) (-)

Ion 51.90 (51.60 to 52.60): VN062996.D (-70) (-)

2.03

80000

60000

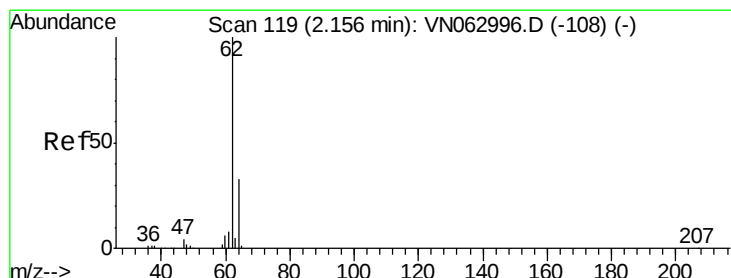
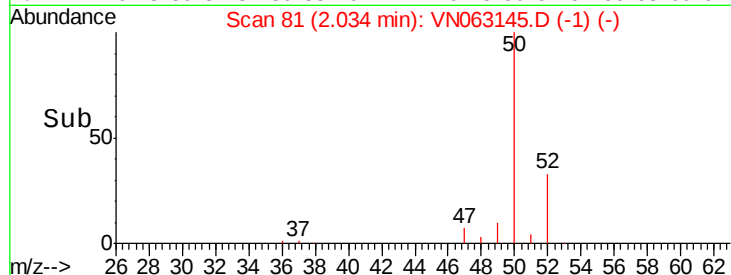
40000

20000

0

1.95 2.00 2.05 2.10 2.15

Time-->



#4

Vinyl Chloride

Concen: 48.688 ug/l

RT: 2.17 min Scan# 122

Delta R.T. 0.01 min

Lab File: VN063145.D

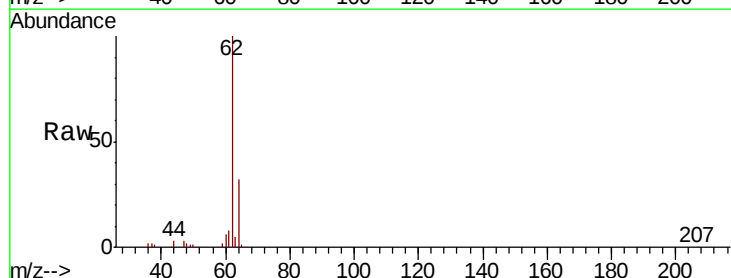
Acq: 26 Aug 2020 20:11

Tgt Ion: 62 Resp: 122091

Ion Ratio Lower Upper

62 100

64 32.1 26.2 39.2



Abundance Ion 61.90 (61.60 to 62.60): VN062996.D (-108) (-)

Ion 63.90 (63.60 to 64.60): VN062996.D (-108) (-)

2.17

80000

60000

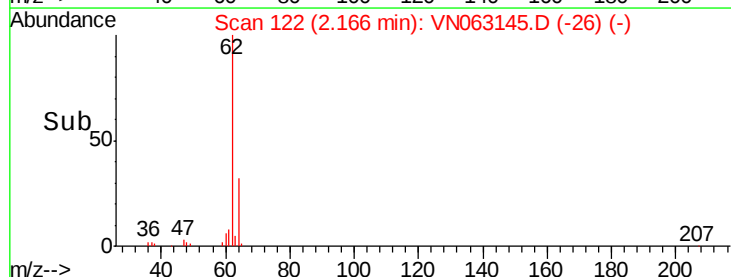
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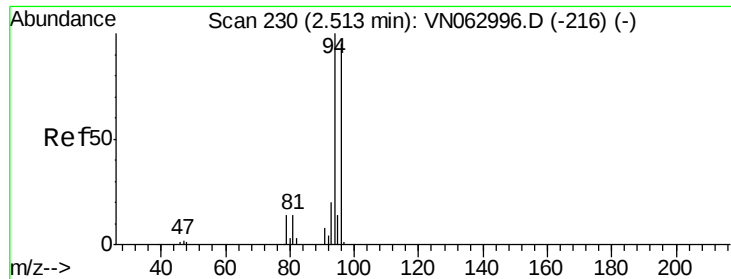
20000

0

2.10 2.15 2.20 2.25

Time-->





#5

Bromomethane

Concen: 48.715 ug/l

RT: 2.54 min Scan# 238

Delta R.T. 0.03 min

Lab File: VN063145.D

Acq: 26 Aug 2020 20:11

Instrument :

MSVOA_N

ClientSampleId :

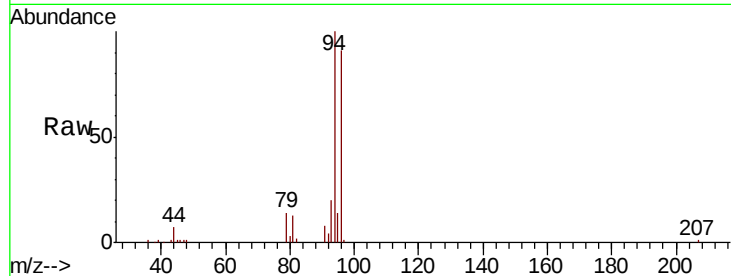
VSTDCCC050EC

Tot Ion: 94 Resp: 72508

Ion Ratio Lower Upper

94 100

96 90.5 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) (-)

2.54

40000

30000

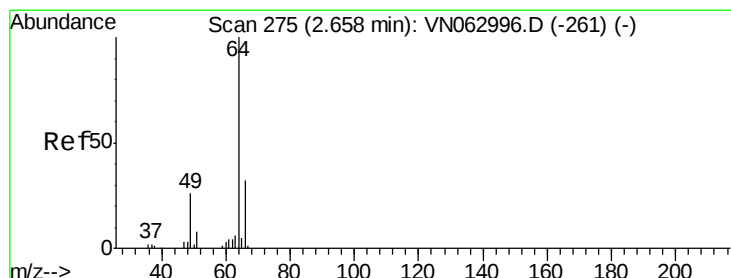
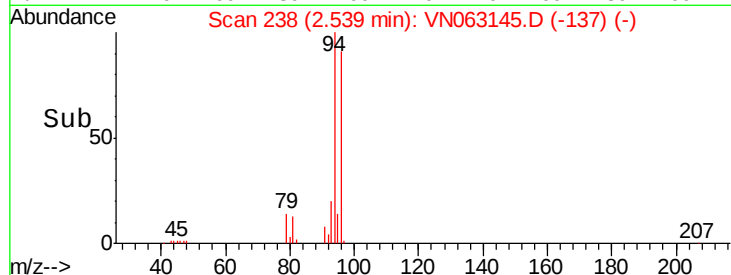
20000

10000

0

2.50 2.60

Time-->



#6

Chloroethane

Concen: 49.439 ug/l

RT: 2.67 min Scan# 280

Delta R.T. 0.02 min

Lab File: VN063145.D

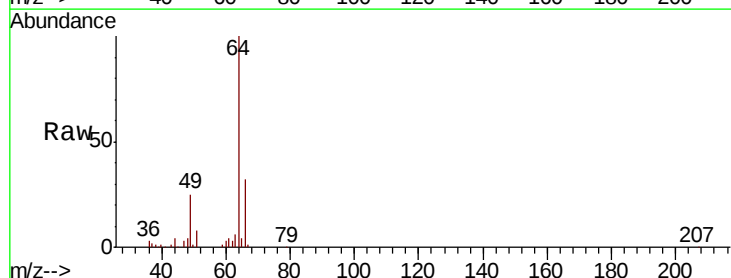
Acq: 26 Aug 2020 20:11

Tgt Ion: 64 Resp: 73196

Ion Ratio Lower Upper

64 100

66 31.7 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) (-)

2.67

40000

30000

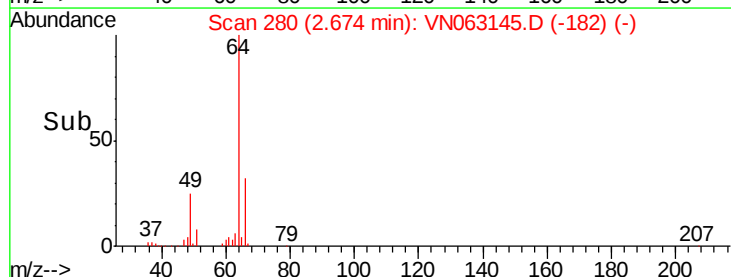
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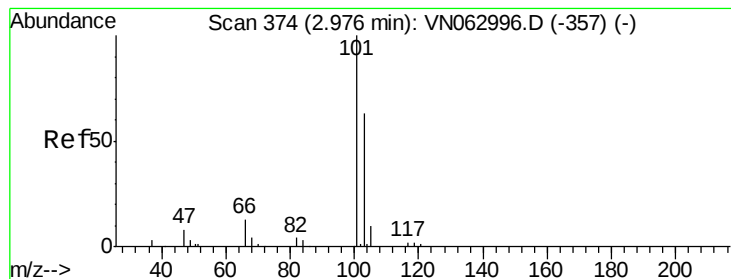
10000

0

2.60 2.70 2.80

Time-->



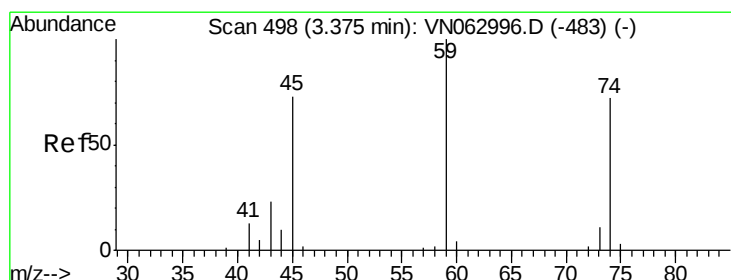
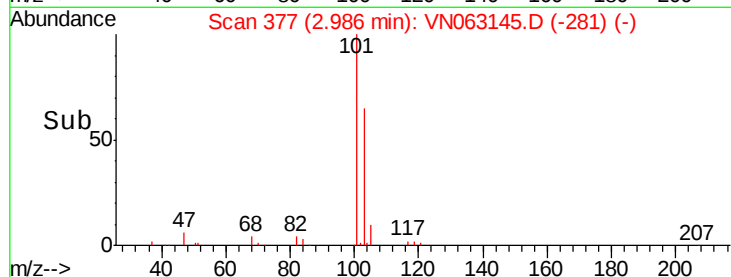
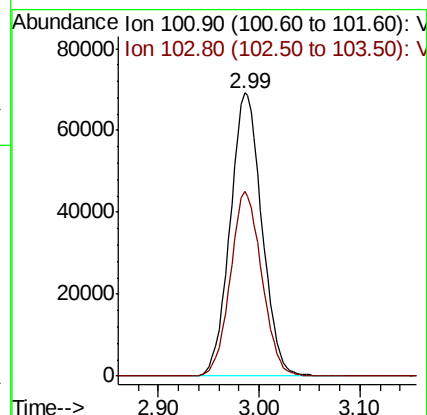
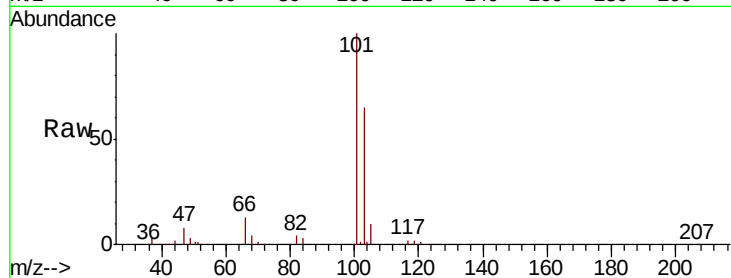


#7

Trichlorofluoromethane
Concen: 48.401 ug/l
RT: 2.99 min Scan# 377
Delta R.T. 0.01 min
Lab File: VN063145.D
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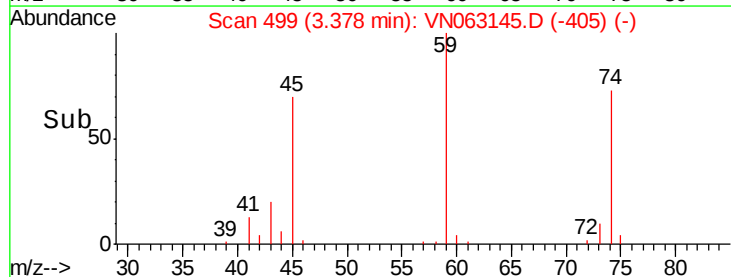
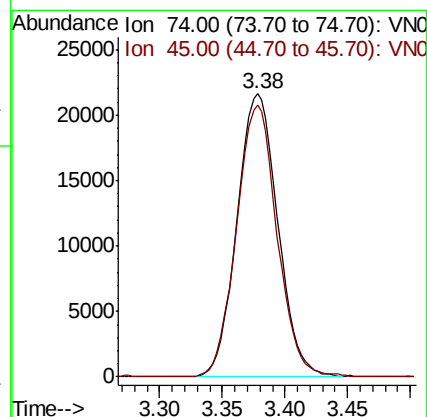
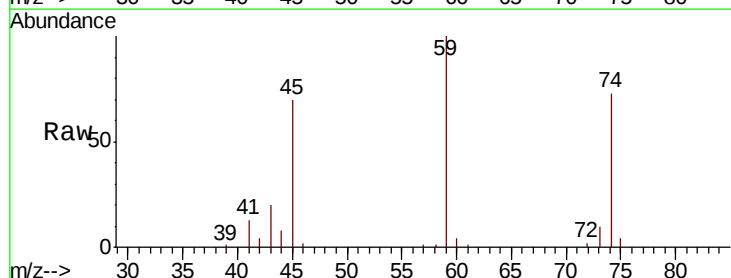
Tot Ion:101 Resp: 151360
Ion Ratio Lower Upper
101 100
103 65.3 50.5 75.7

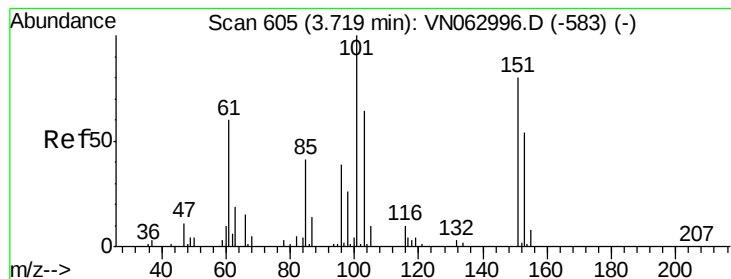


#8

Diethyl Ether
Concen: 44.181 ug/l
RT: 3.38 min Scan# 499
Delta R.T. 0.00 min
Lab File: VN063145.D
Acq: 26 Aug 2020 20:11

Tgt Ion: 74 Resp: 48877
Ion Ratio Lower Upper
74 100
45 95.6 49.9 149.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 42.979 ug/l

RT: 3.72 min Scan# 606

Delta R.T. 0.00 min

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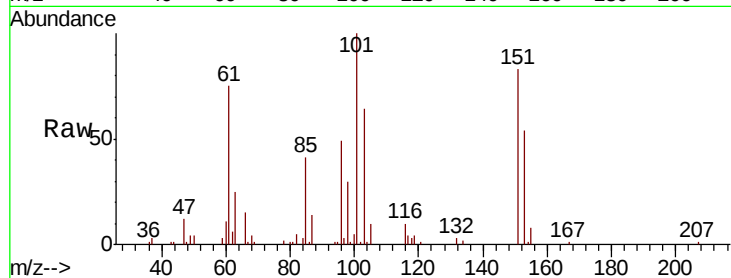
Tot Ion:101 Resp: 72424

Ion Ratio Lower Upper

101 100

85 42.1 34.0 51.0

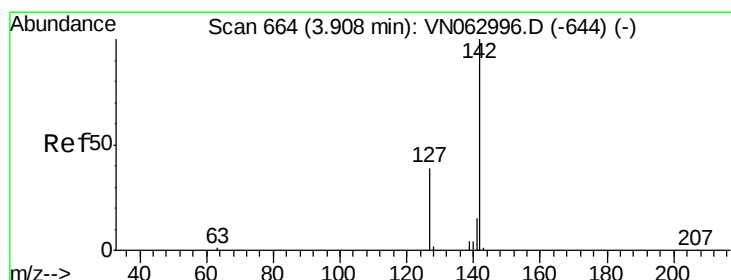
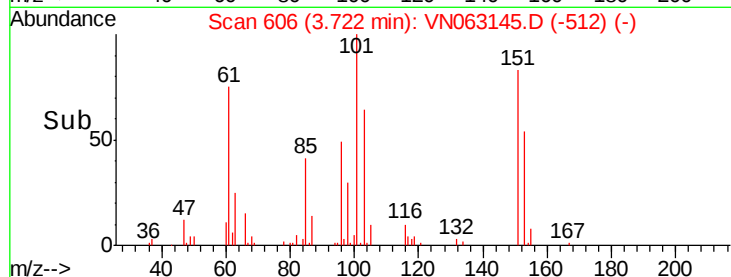
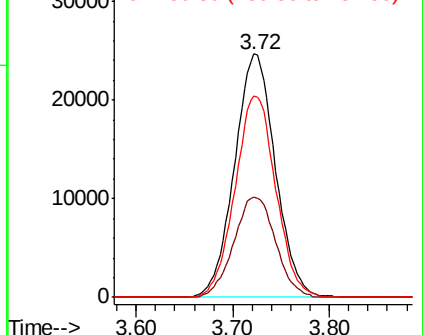
151 82.4 65.8 98.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 45.947 ug/l

RT: 3.91 min Scan# 666

Delta R.T. 0.01 min

Lab File: VN063145.D

Acq: 26 Aug 2020 20:11

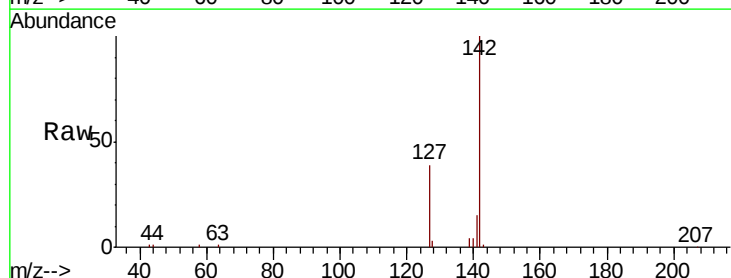
Tgt Ion:142 Resp: 98139

Ion Ratio Lower Upper

142 100

127 40.1 32.2 48.4

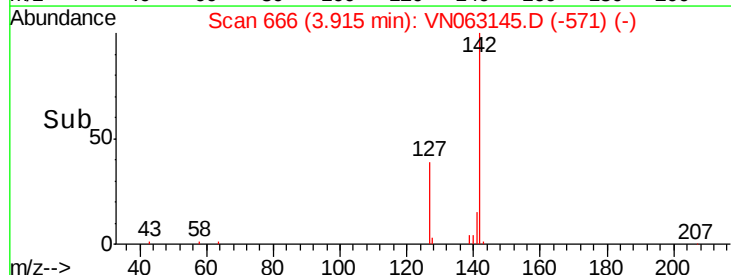
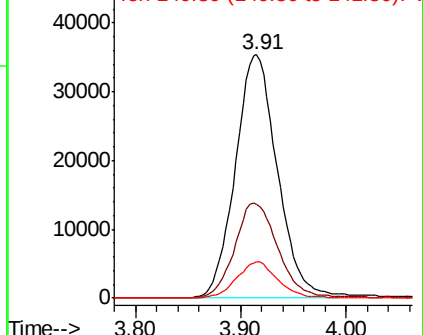
141 14.5 11.3 16.9

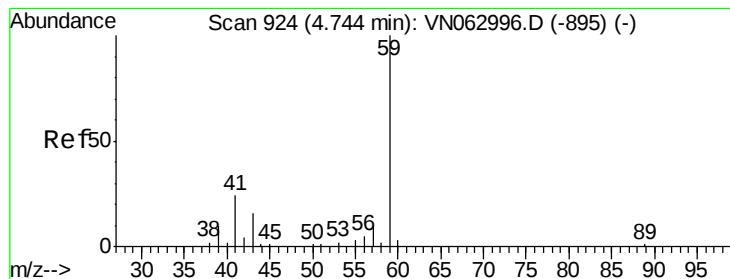


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



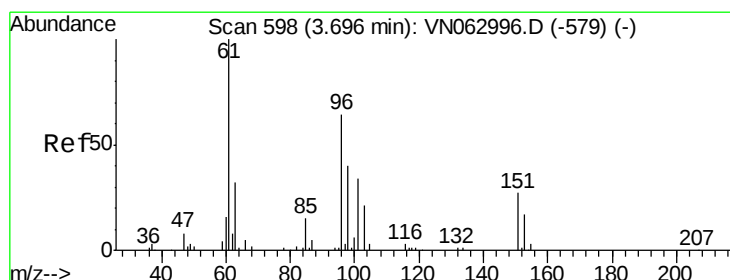
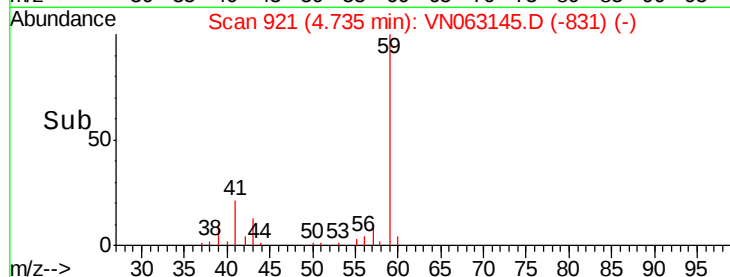
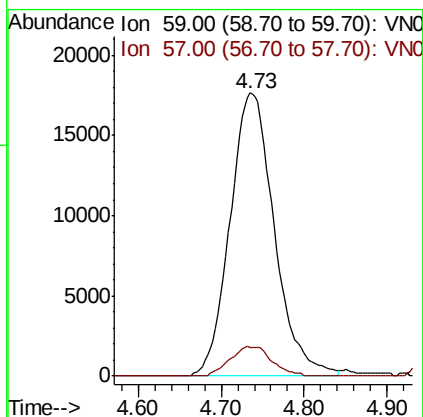
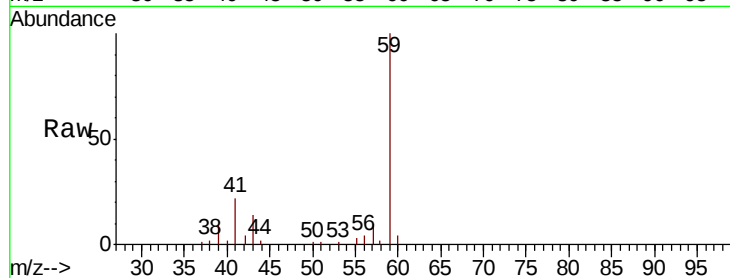


#11

Tert butyl alcohol
 Concen: 206.408 ug/l
 RT: 4.73 min Scan# 921
 Delta R.T. -0.01 min
 Lab File: VN063145.D
 Acq: 26 Aug 2020 20:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

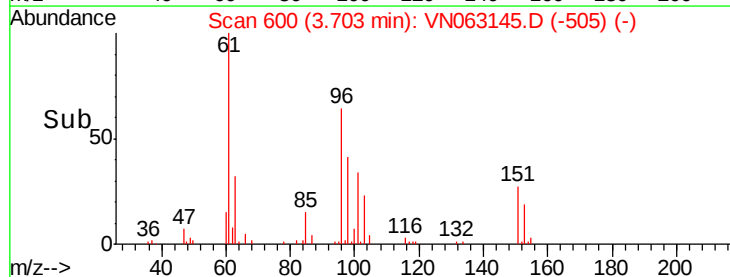
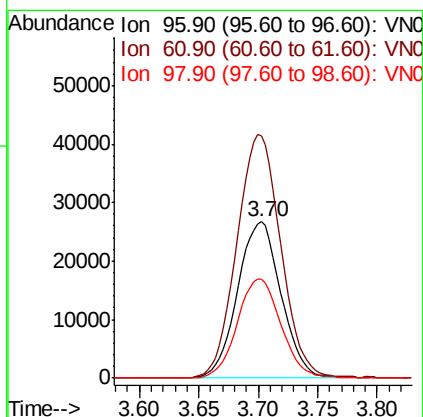
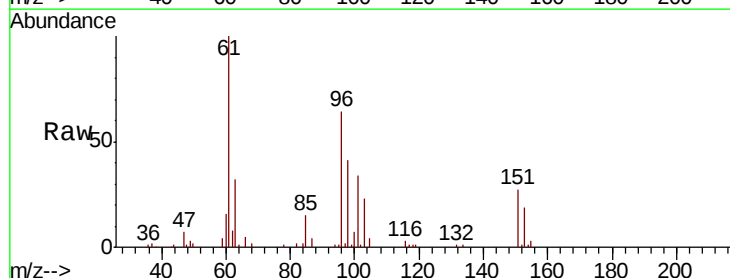
Tot Ion: 59 Resp: 65529
 Ion Ratio Lower Upper
 59 100
 57 9.8 7.8 11.6

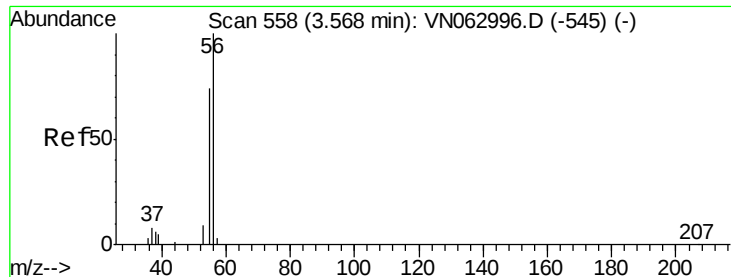


#12

1,1-Dichloroethene
 Concen: 42.230 ug/l
 RT: 3.70 min Scan# 600
 Delta R.T. 0.01 min
 Lab File: VN063145.D
 Acq: 26 Aug 2020 20:11

Tgt Ion: 96 Resp: 67790
 Ion Ratio Lower Upper
 96 100
 61 155.2 125.5 188.3
 98 63.2 50.4 75.6





#13

Acrolein

Concen: 20.089 ug/l

RT: 3.57 min Scan# 560

Delta R.T. 0.01 min

Lab File: VN063145.D

Acq: 26 Aug 2020 20:11

Instrument :

MSVOA_N

ClientSampleId :

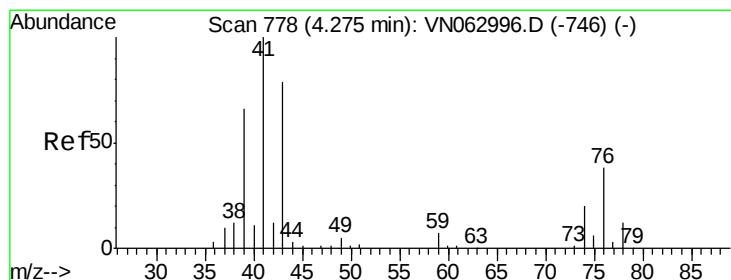
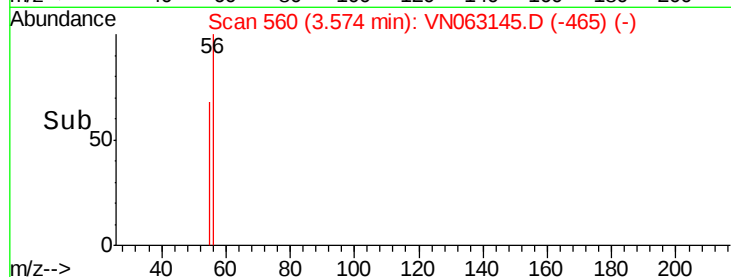
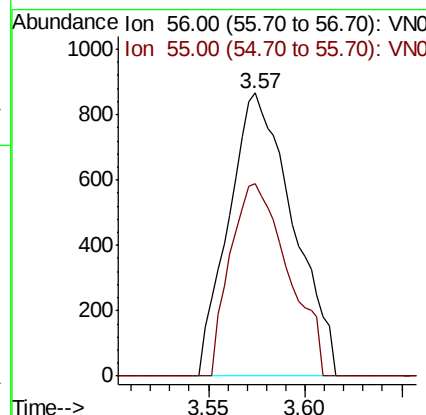
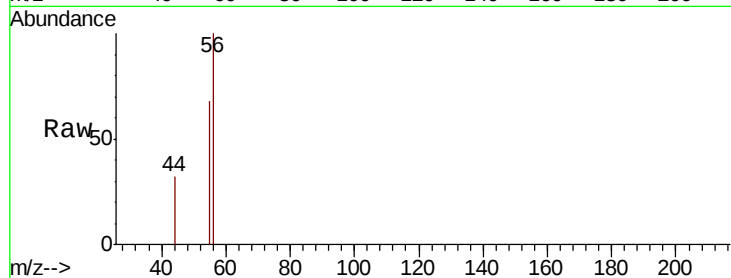
VSTDCCC050EC

Tot Ion: 56 Resp: 1998

Ion Ratio Lower Upper

56 100

55 61.3 58.4 87.6



#14

Allyl chloride

Concen: 42.218 ug/l

RT: 4.28 min Scan# 779

Delta R.T. 0.00 min

Lab File: VN063145.D

Acq: 26 Aug 2020 20:11

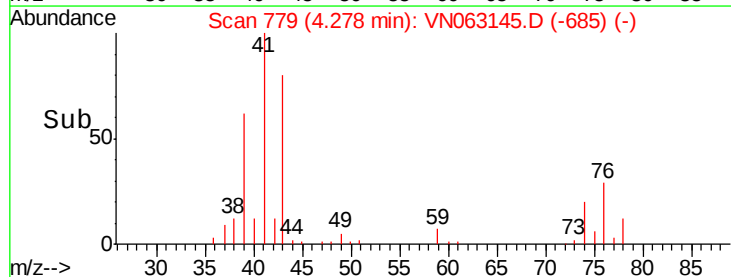
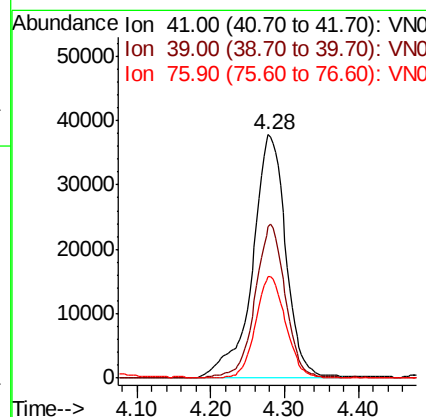
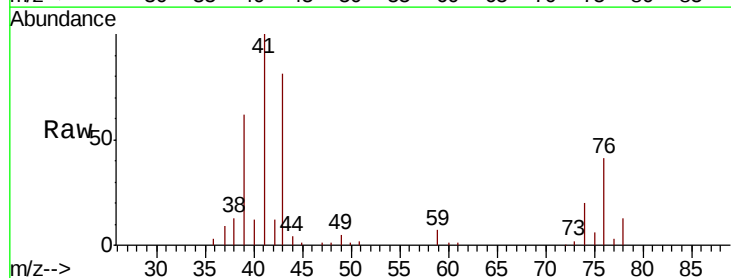
Tgt Ion: 41 Resp: 119492

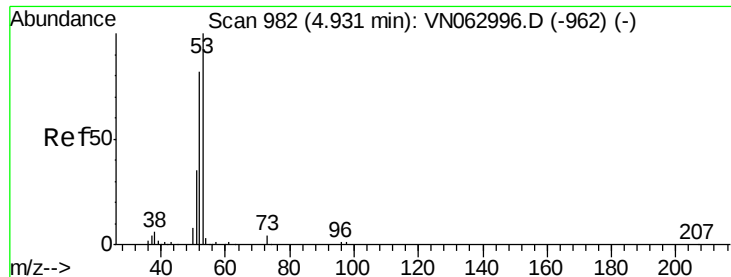
Ion Ratio Lower Upper

41 100

39 57.3 47.9 71.9

76 37.4 27.0 40.6





#15

Acrylonitrile

Concen: 214.732 ug/l

RT: 4.93 min Scan# 983

Delta R.T. 0.00 min

Lab File: VN063145.D

Acq: 26 Aug 2020 20:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

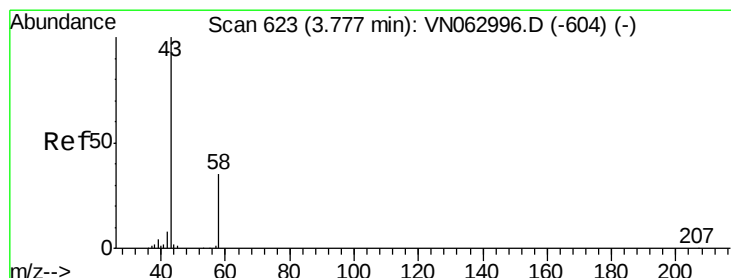
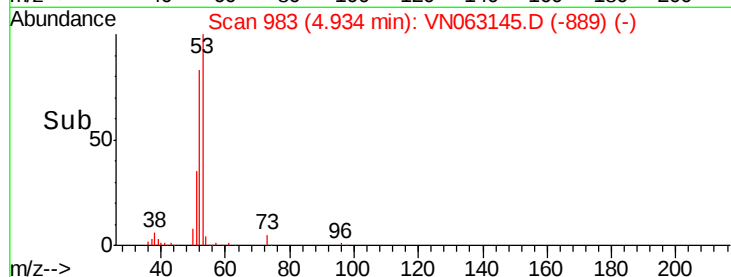
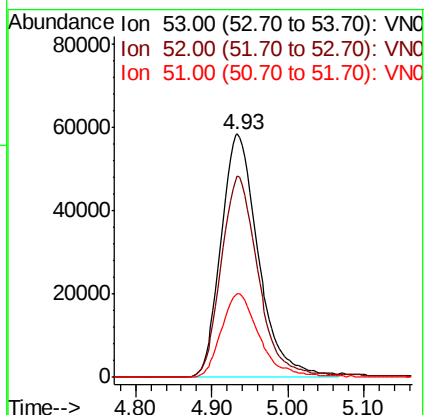
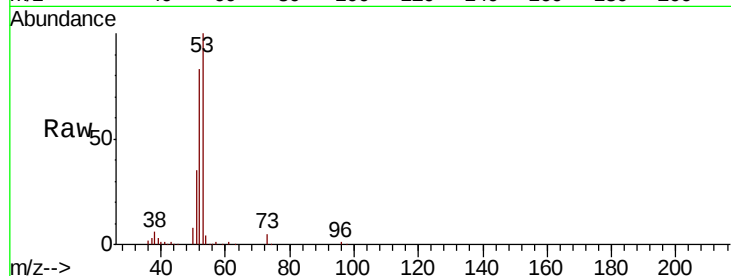
Tot Ion: 53 Resp: 200369

Ion Ratio Lower Upper

53 100

52 82.0 65.6 98.4

51 35.0 28.2 42.4



#16

Acetone

Concen: 199.093 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN063145.D

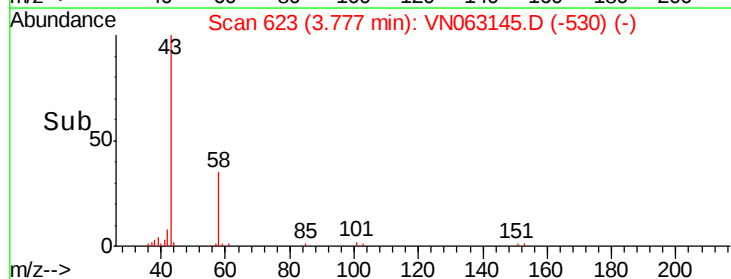
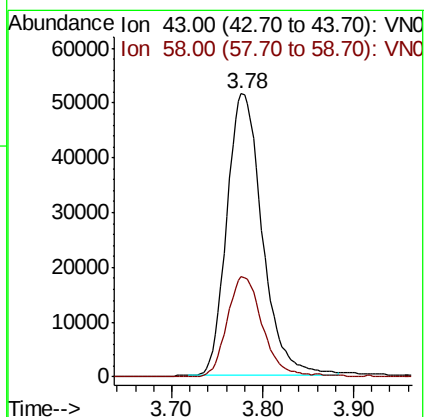
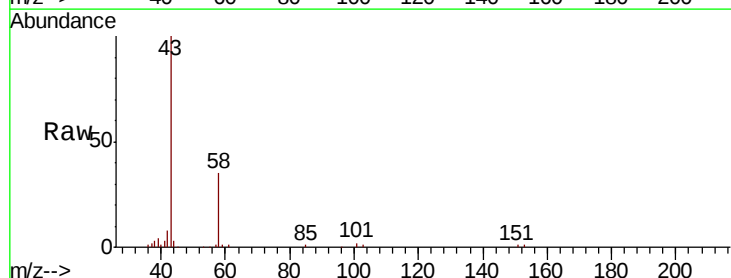
Acq: 26 Aug 2020 20:11

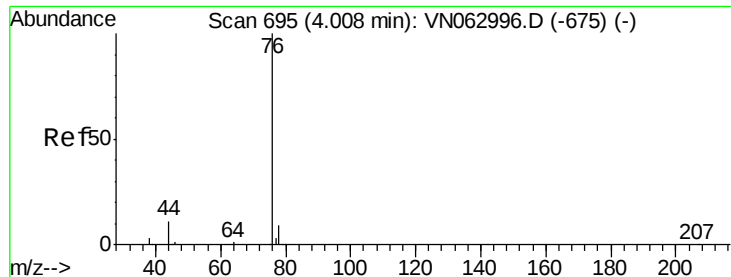
Tgt Ion: 43 Resp: 139710

Ion Ratio Lower Upper

43 100

58 35.5 27.8 41.6

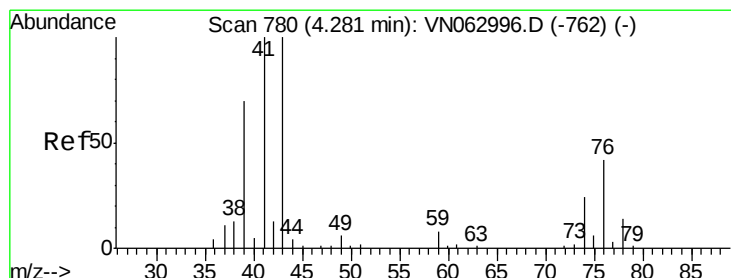
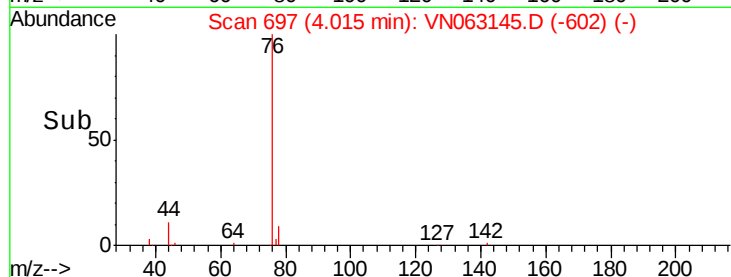
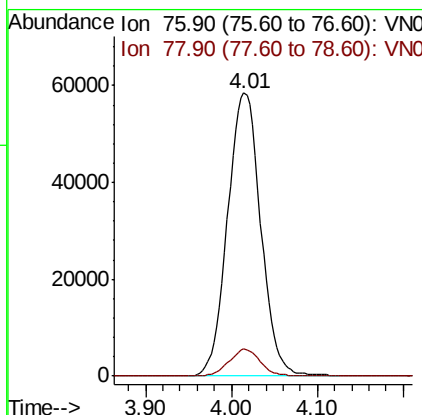
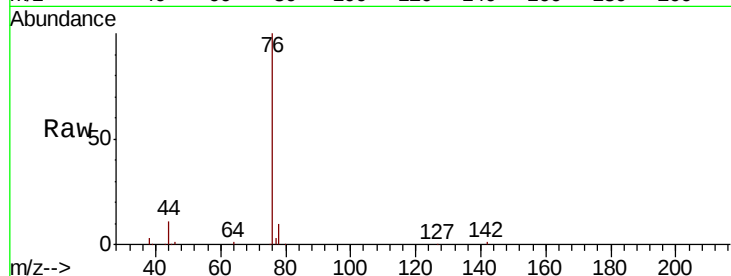




#17
Carbon Disulfide
Concen: 37.347 ug/l
RT: 4.01 min Scan# 697
Delta R.T. 0.01 min
Lab File: VN063145.D
Acq: 26 Aug 2020 20:11

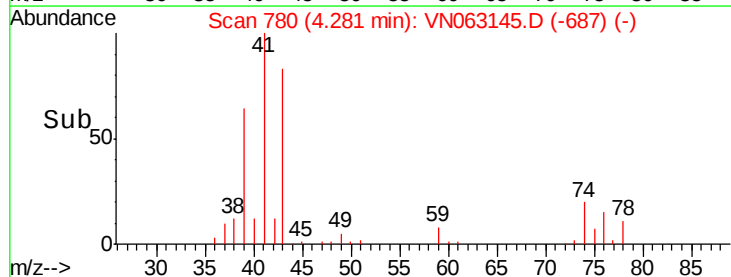
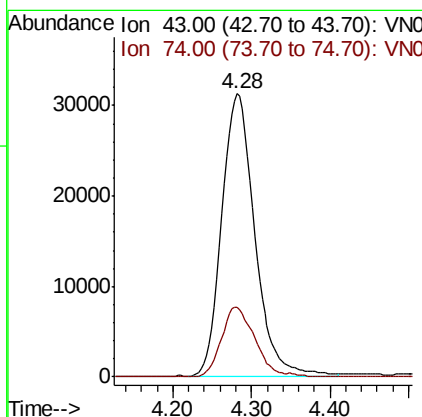
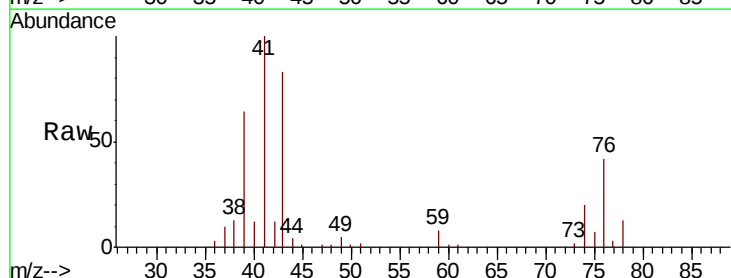
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

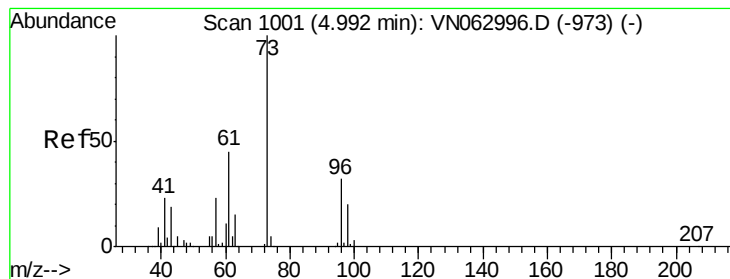
Tot Ion: 76 Resp: 157005
Ion Ratio Lower Upper
76 100
78 9.5 6.9 10.3



#18
Methyl Acetate
Concen: 41.156 ug/l
RT: 4.28 min Scan# 780
Delta R.T. 0.00 min
Lab File: VN063145.D
Acq: 26 Aug 2020 20:11

Tgt Ion: 43 Resp: 91669
Ion Ratio Lower Upper
43 100
74 24.3 18.6 28.0



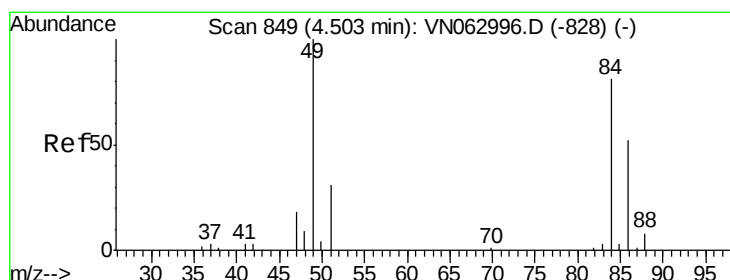
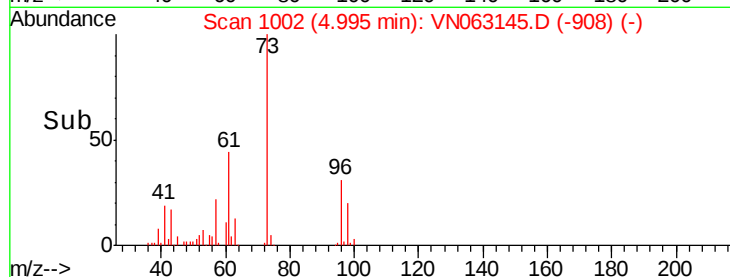
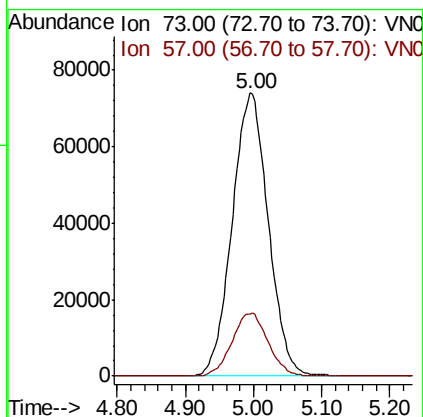
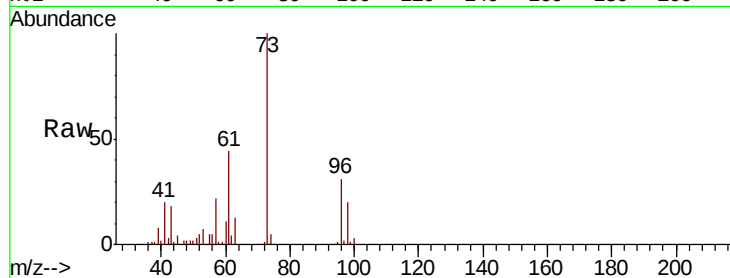


#19

Methyl tert-butyl Ether
 Concen: 48.597 ug/l
 RT: 5.00 min Scan# 1002
 Delta R.T. 0.00 min
 Lab File: VN063145.D
 Acq: 26 Aug 2020 20:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

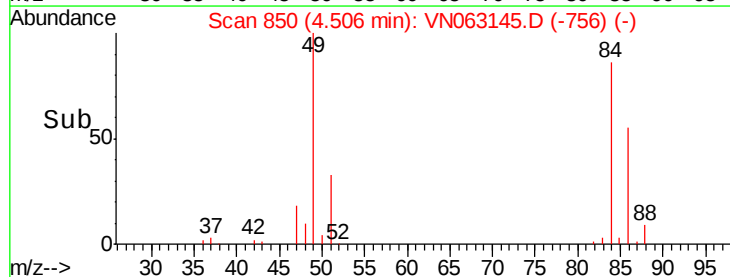
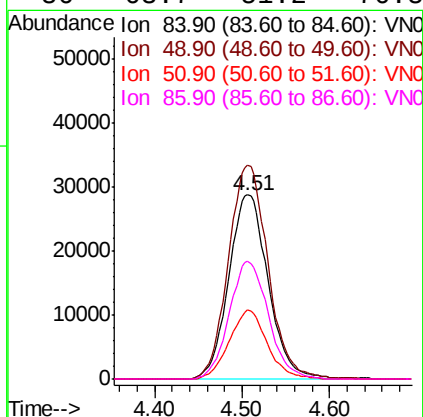
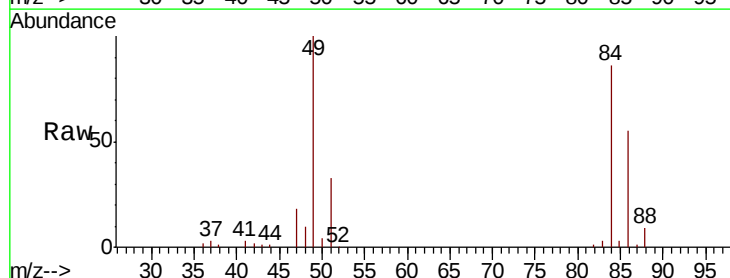
Tot Ion: 73 Resp: 272057
 Ion Ratio Lower Upper
 73 100
 57 22.0 18.1 27.1

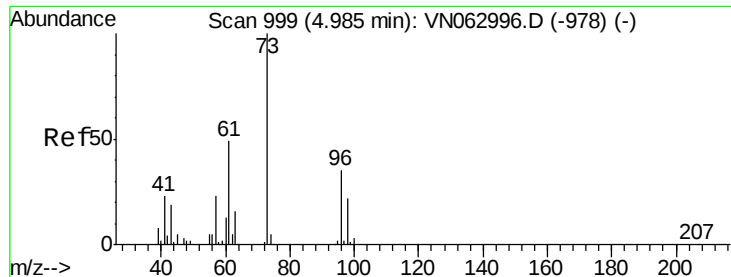


#20

Methylene Chloride
 Concen: 45.414 ug/l
 RT: 4.51 min Scan# 850
 Delta R.T. 0.00 min
 Lab File: VN063145.D
 Acq: 26 Aug 2020 20:11

Tgt Ion: 84 Resp: 89983
 Ion Ratio Lower Upper
 84 100
 49 116.1 98.7 148.1
 51 37.7 30.8 46.2
 86 63.7 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 44.144 ug/l

RT: 4.99 min Scan# 1001

Delta R.T. 0.01 min

Lab File: VN063145.D

Acq: 26 Aug 2020 20:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

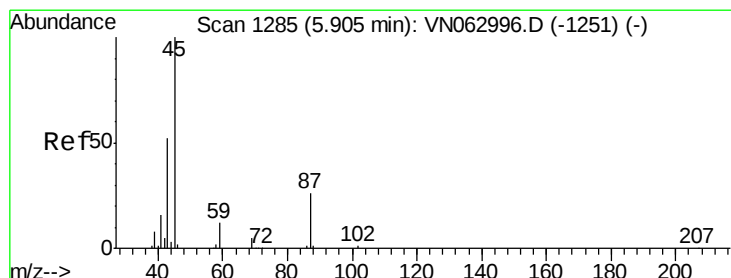
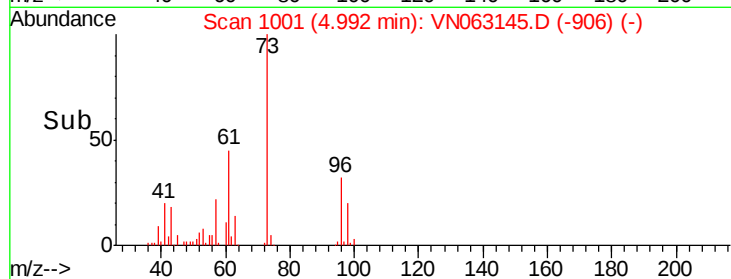
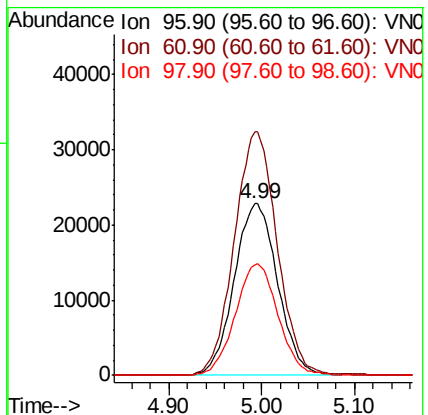
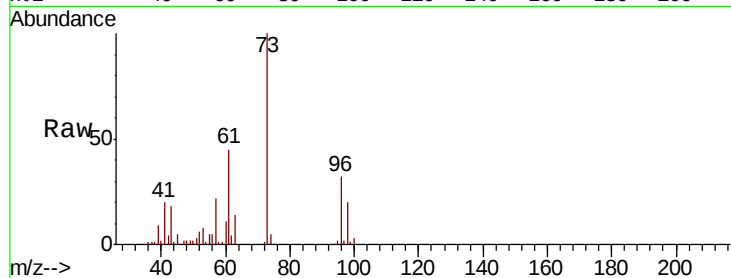
Tot Ion: 96 Resp: 74158

Ion Ratio Lower Upper

96 100

61 141.8 112.5 168.7

98 64.5 49.4 74.0



#22

Diisopropyl ether

Concen: 45.668 ug/l

RT: 5.91 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VN063145.D

Acq: 26 Aug 2020 20:11

Tgt Ion: 45 Resp: 293314

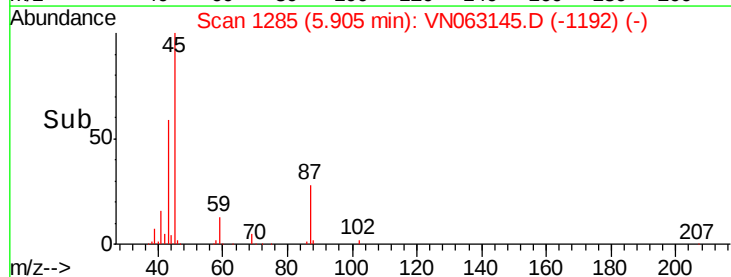
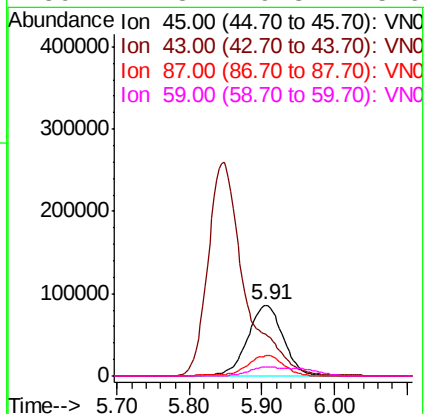
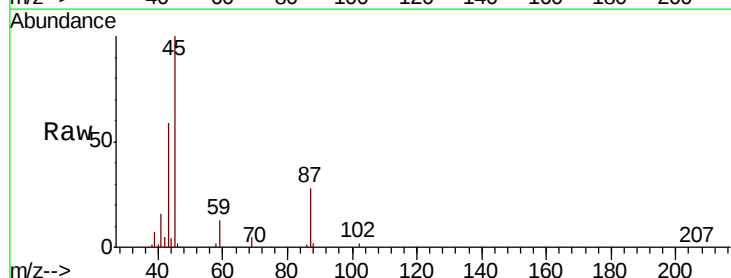
Ion Ratio Lower Upper

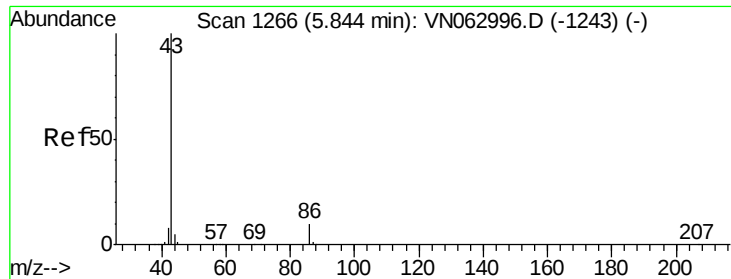
45 100

43 57.3 45.7 68.5

87 28.4 21.8 32.6

59 12.3 9.3 13.9

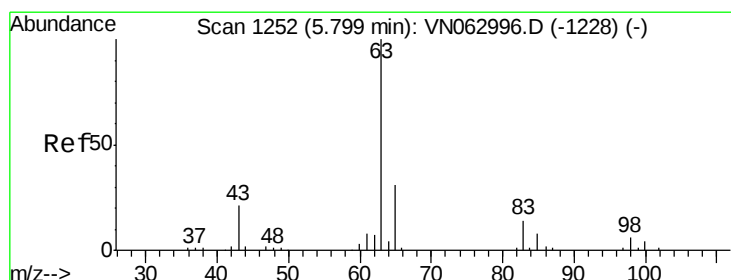
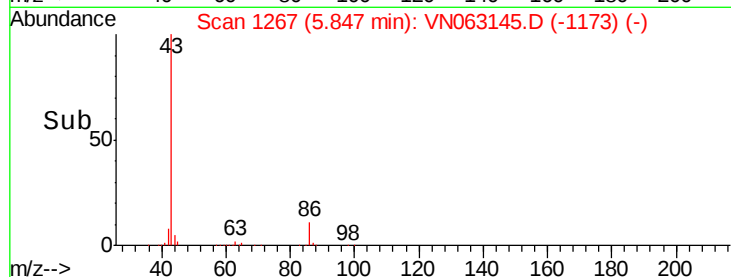
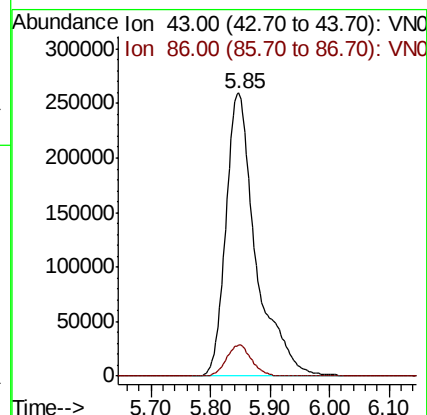
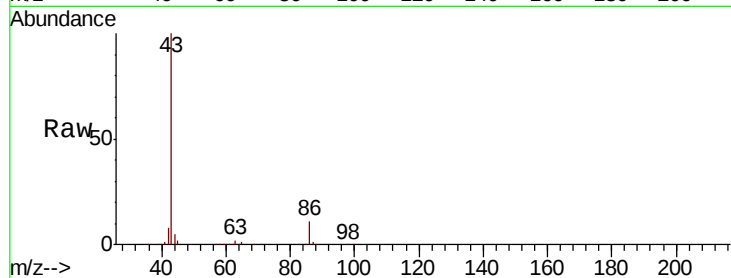




#23
 Vinyl Acetate
 Concen: 210.086 ug/l
 RT: 5.85 min Scan# 1267
 Delta R.T. 0.00 min
 Lab File: VN063145.D
 Acq: 26 Aug 2020 20:11

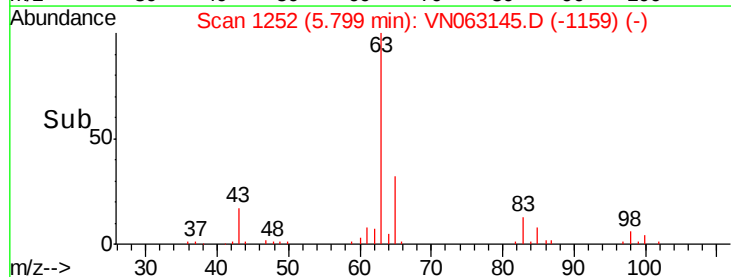
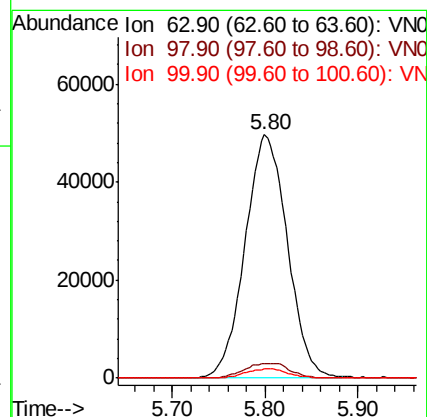
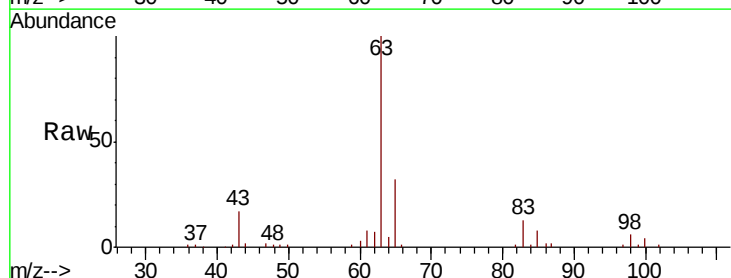
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

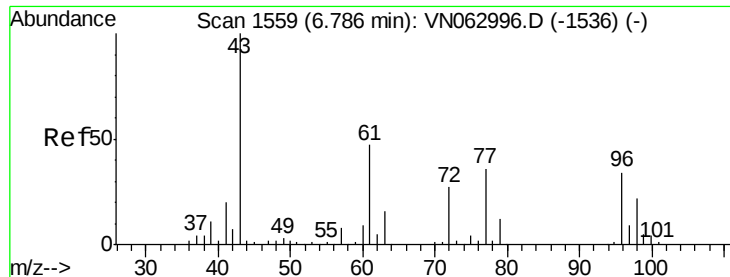
Tot Ion: 43 Resp: 910548
 Ion Ratio Lower Upper
 43 100
 86 11.1 8.0 12.0



#24
 1,1-Dichloroethane
 Concen: 43.906 ug/l
 RT: 5.80 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: VN063145.D
 Acq: 26 Aug 2020 20:11

Tgt Ion: 63 Resp: 157585
 Ion Ratio Lower Upper
 63 100
 98 5.9 2.9 8.7
 100 3.7 2.0 5.8

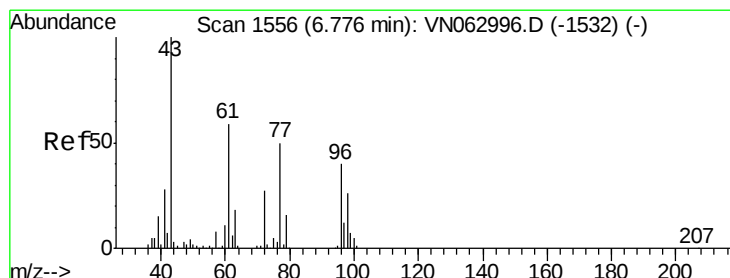
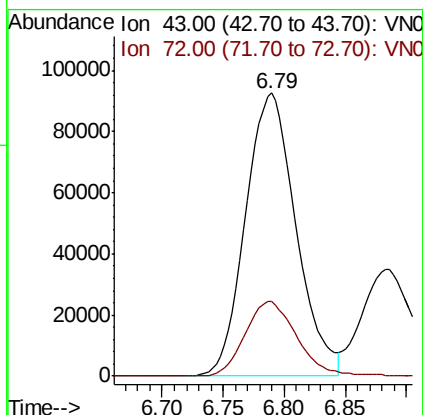
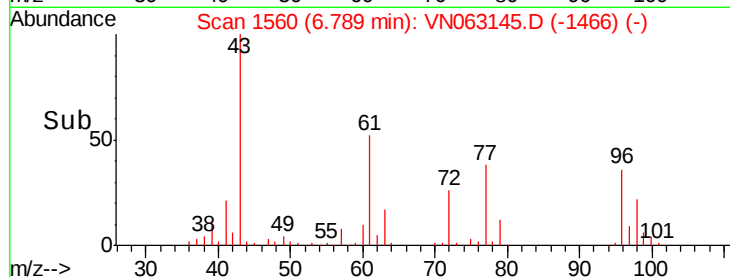
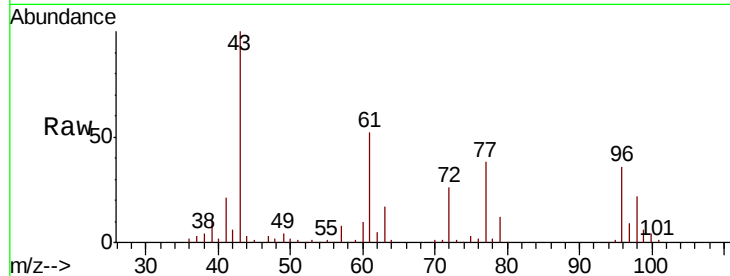




#25
2-Butanone
Concen: 223.204 ug/l
RT: 6.79 min Scan# 1560
Delta R.T. 0.00 min
Lab File: VN063145.D
Acq: 26 Aug 2020 20:11

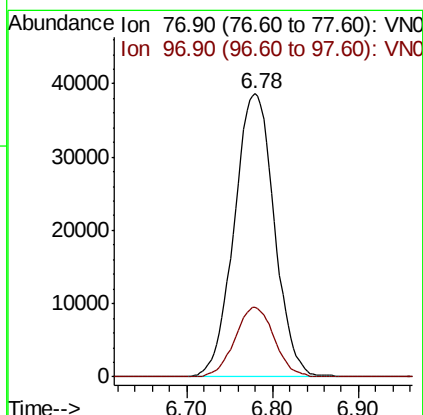
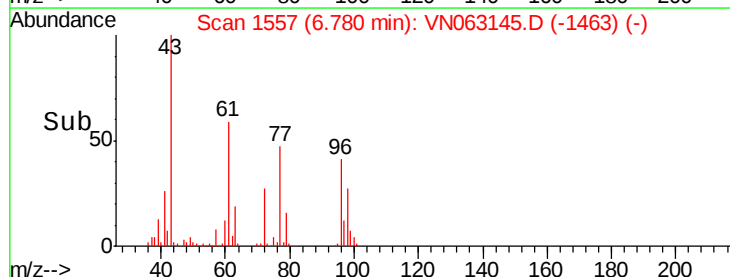
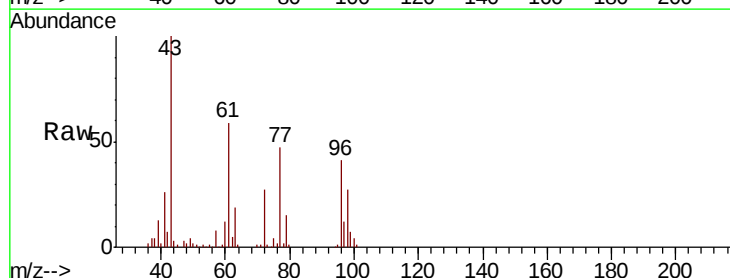
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

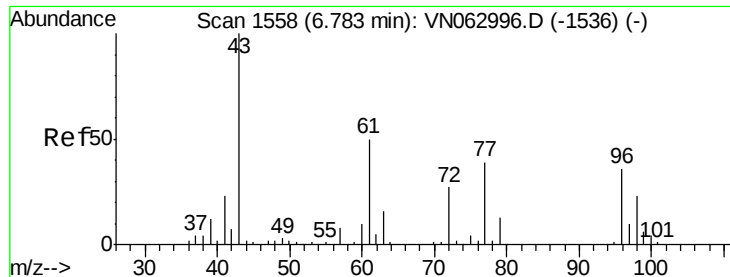
Tot Ion: 43 Resp: 265595
Ion Ratio Lower Upper
43 100
72 26.3 21.8 32.6



#26
2,2-Dichloropropane
Concen: 44.318 ug/l
RT: 6.78 min Scan# 1557
Delta R.T. 0.00 min
Lab File: VN063145.D
Acq: 26 Aug 2020 20:11

Tgt Ion: 77 Resp: 125092
Ion Ratio Lower Upper
77 100
97 24.1 11.7 35.1





#27

cis-1,2-Dichloroethene

Concen: 48.332 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. 0.00 min

Lab File: VN063145.D

Acq: 26 Aug 2020 20:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

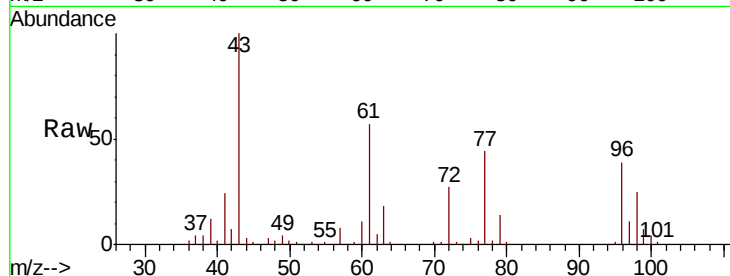
Tot Ion: 96 Resp: 101768

Ion Ratio Lower Upper

96 100

61 144.5 0.0 292.8

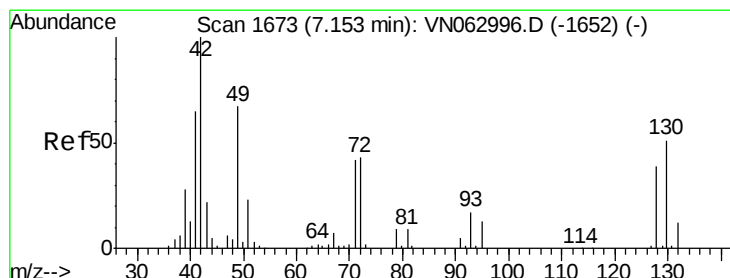
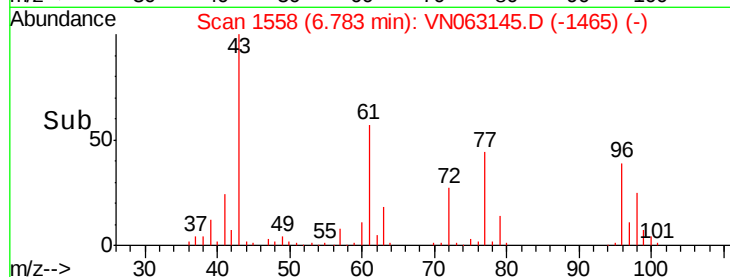
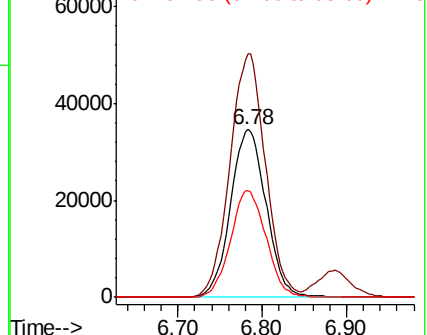
98 63.3 0.0 130.6



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: 48.738 ug/l

RT: 7.15 min Scan# 1673

Delta R.T. 0.00 min

Lab File: VN063145.D

Acq: 26 Aug 2020 20:11

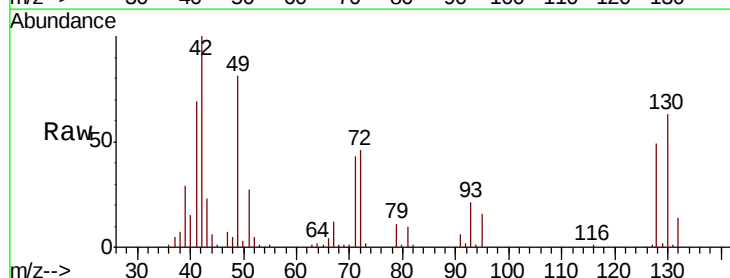
Tgt Ion: 49 Resp: 91526

Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.6

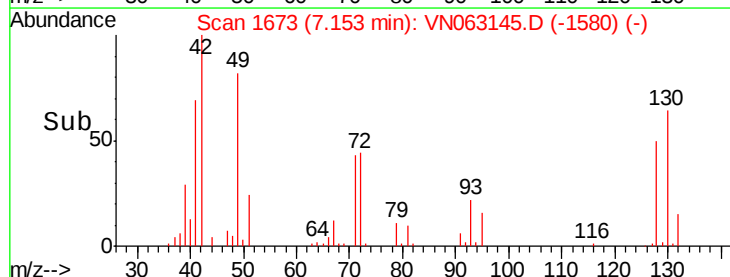
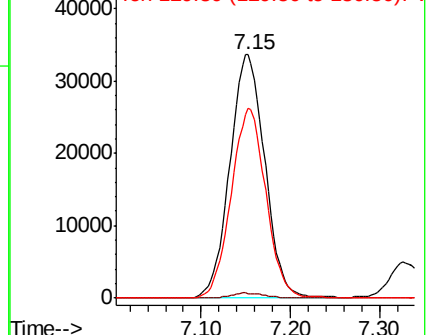
130 77.3 61.1 91.7

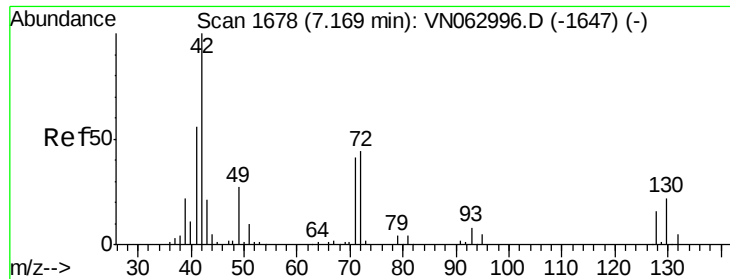


Abundance Ion 48.90 (48.60 to 49.60): VN062996.D (-1652) (-)

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

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

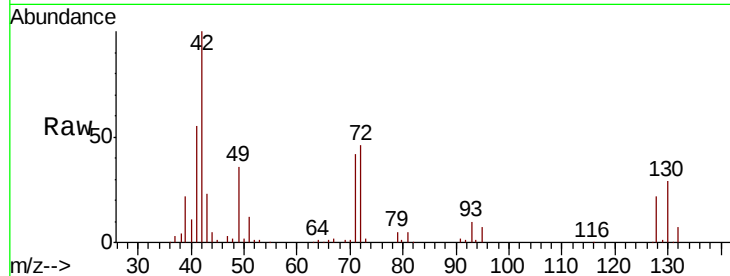




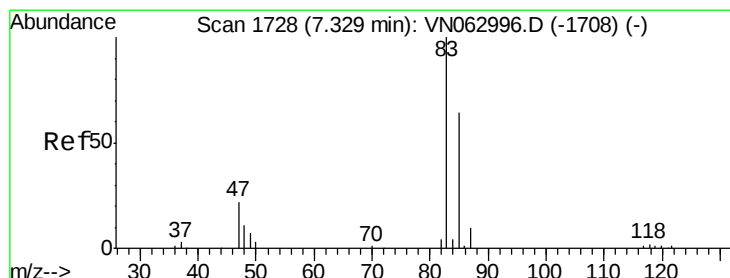
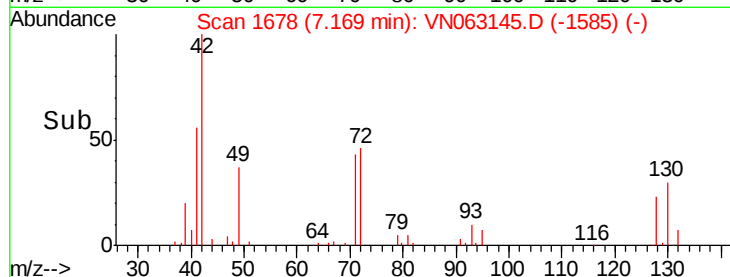
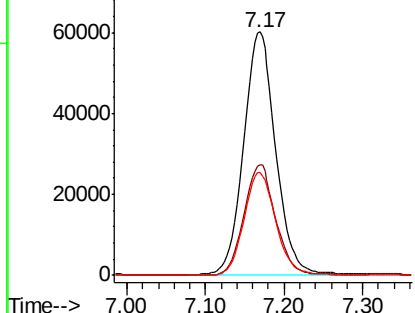
#29
Tetrahydrofuran
Concen: 226.212 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. 0.00 min
Lab File: VN063145.D
Acq: 26 Aug 2020 20:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 42 Resp: 173725
Ion Ratio Lower Upper
42 100
72 44.8 34.6 52.0
71 41.7 32.3 48.5

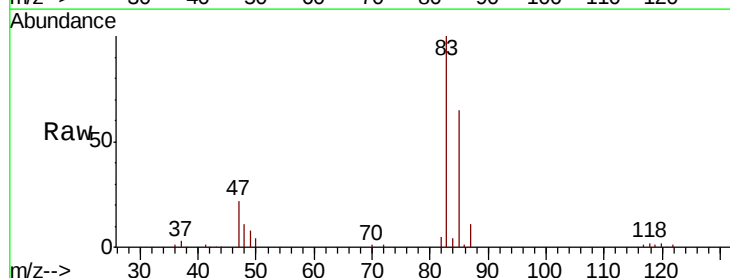


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

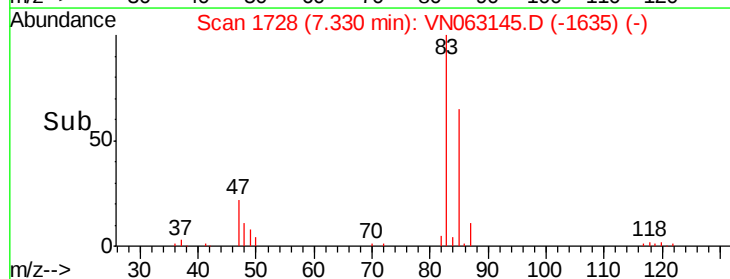
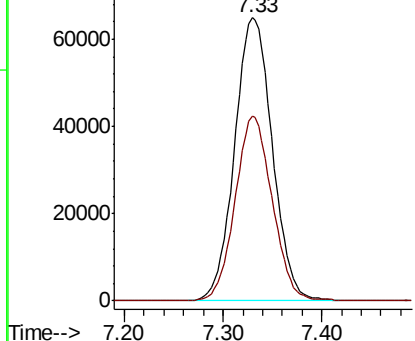


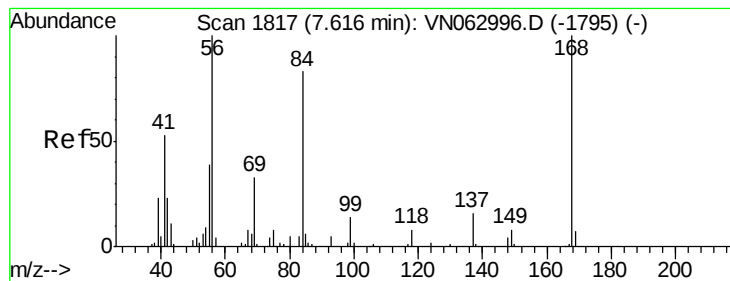
#30
Chloroform
Concen: 47.572 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. 0.00 min
Lab File: VN063145.D
Acq: 26 Aug 2020 20:11

Tgt Ion: 83 Resp: 171957
Ion Ratio Lower Upper
83 100
85 65.4 51.5 77.3



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





#31

Cyclohexane

Concen: 43.750 ug/l

RT: 7.62 min Scan# 1817

Delta R.T. 0.00 min

Lab File: VN063145.D

Acq: 26 Aug 2020 20:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

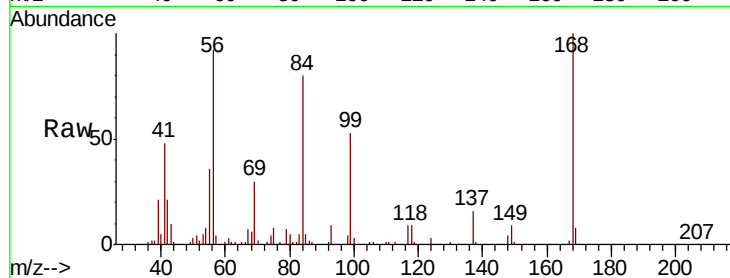
Tot Ion: 56 Resp: 144523

Ion Ratio Lower Upper

56 100

69 32.9 26.6 40.0

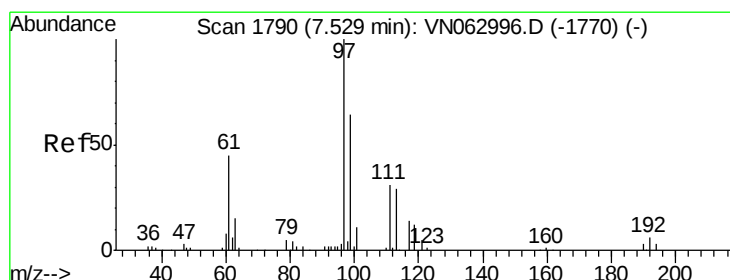
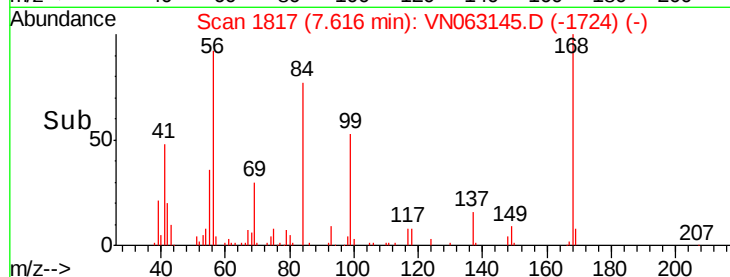
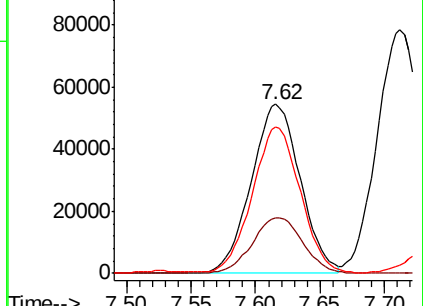
84 85.9 66.4 99.6



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

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

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



#32

1,1,1-Trichloroethane

Concen: 47.655 ug/l

RT: 7.53 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VN063145.D

Acq: 26 Aug 2020 20:11

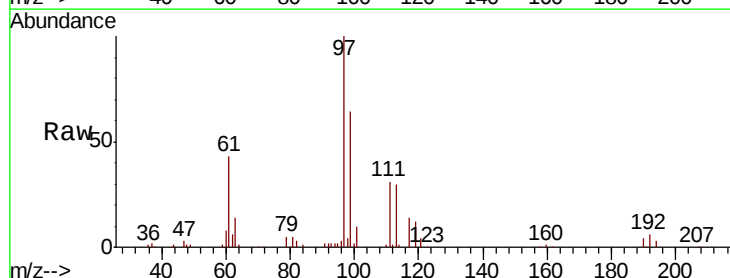
Tgt Ion: 97 Resp: 140629

Ion Ratio Lower Upper

97 100

99 64.4 52.0 78.0

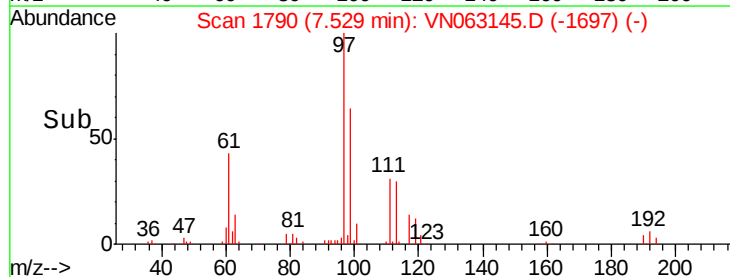
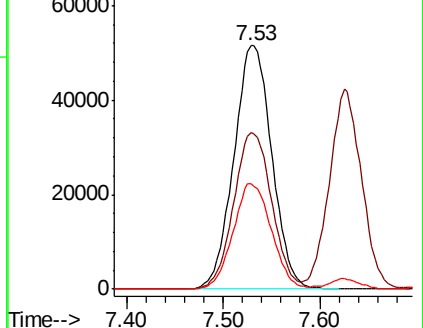
61 43.7 36.2 54.4

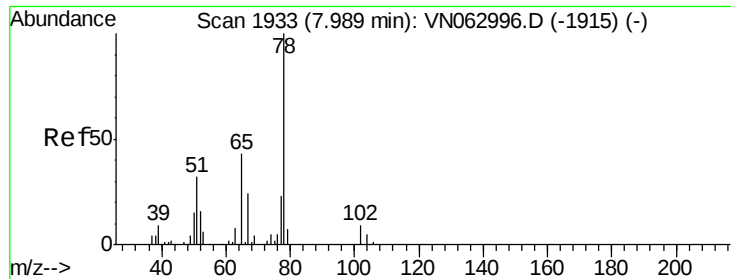


Abundance Ion 96.90 (96.60 to 97.60): VN062996.D (-1770) (-)

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

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

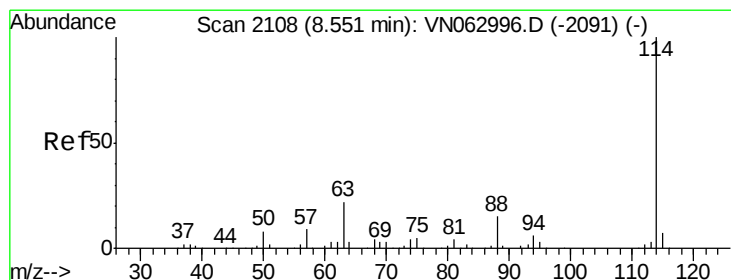
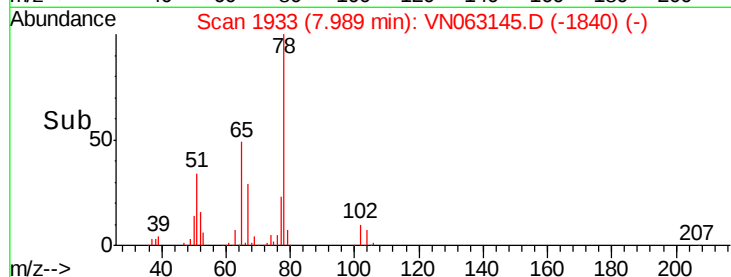
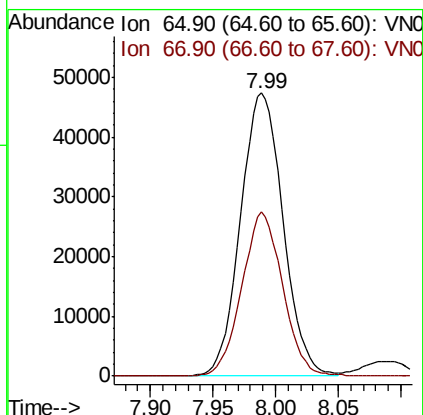
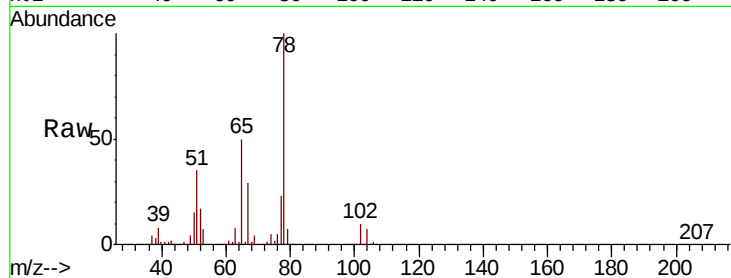




#33
 1,2-Dichloroethane-d4
 Concen: 49.939 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN063145.D
 Acq: 26 Aug 2020 20:11

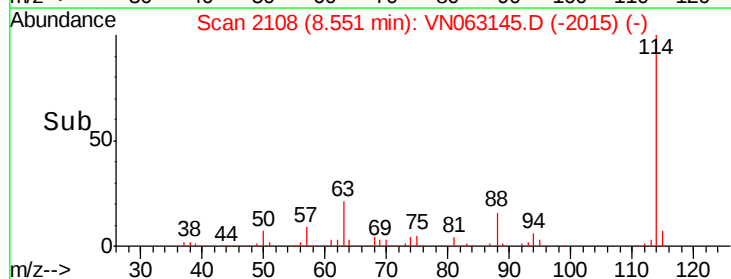
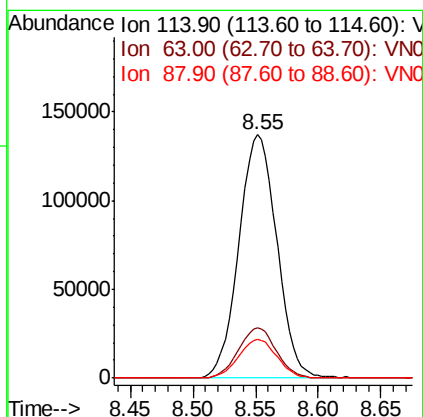
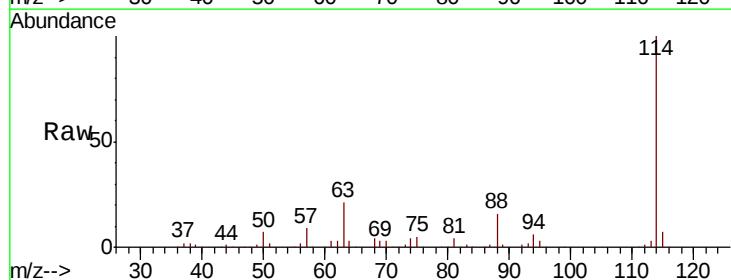
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

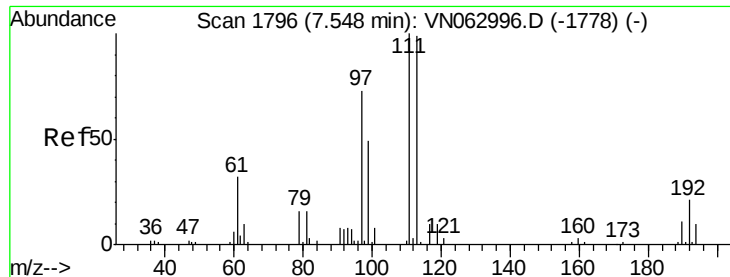
Tot Ion: 65 Resp: 111929
 Ion Ratio Lower Upper
 65 100
 67 55.6 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN063145.D
 Acq: 26 Aug 2020 20:11

Tgt Ion: 114 Resp: 288830
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 43.2
 88 15.9 0.0 30.6

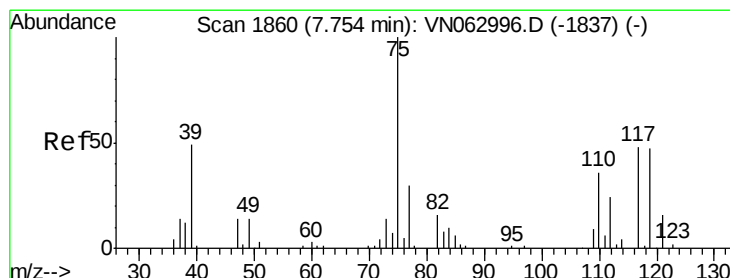
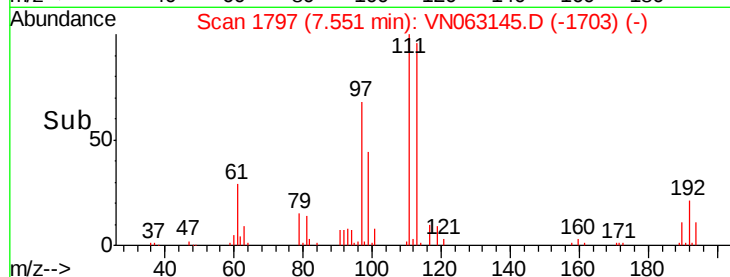
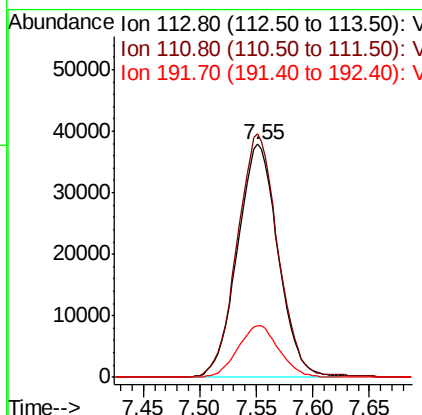
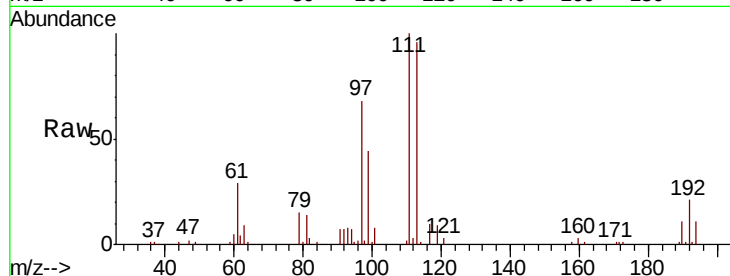




#35
 Dibromofluoromethane
 Concen: 50.344 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN063145.D
 Acq: 26 Aug 2020 20:11

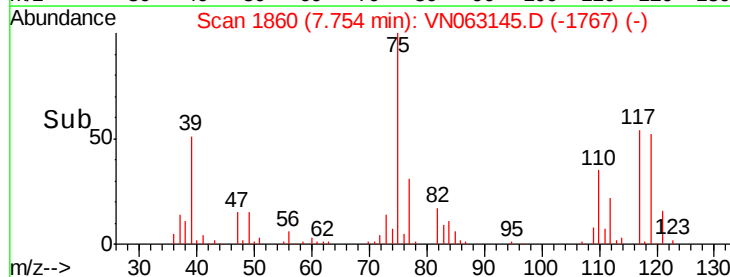
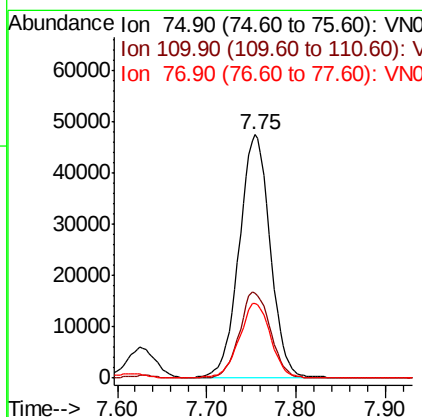
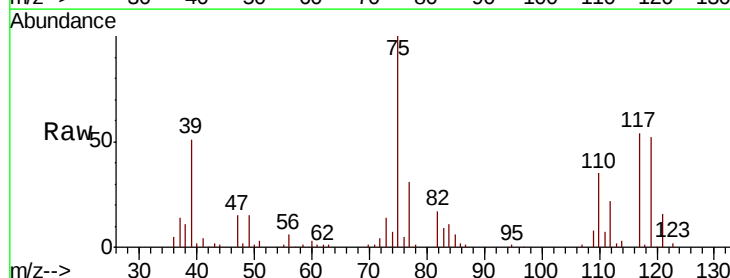
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

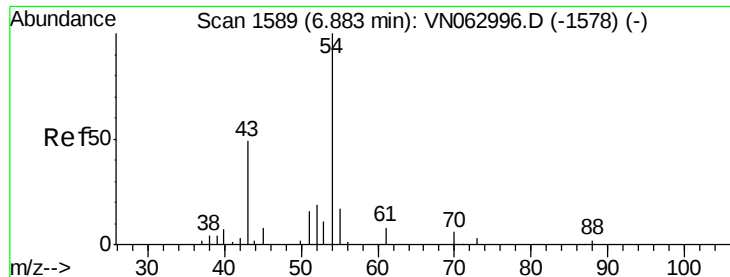
Tot Ion:113 Resp: 94747
 Ion Ratio Lower Upper
 113 100
 111 104.0 81.7 122.5
 192 22.4 17.5 26.3



#36
 1,1-Dichloropropene
 Concen: 45.308 ug/l
 RT: 7.75 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VN063145.D
 Acq: 26 Aug 2020 20:11

Tgt Ion: 75 Resp: 115324
 Ion Ratio Lower Upper
 75 100
 110 35.2 17.5 52.6
 77 31.1 24.2 36.4

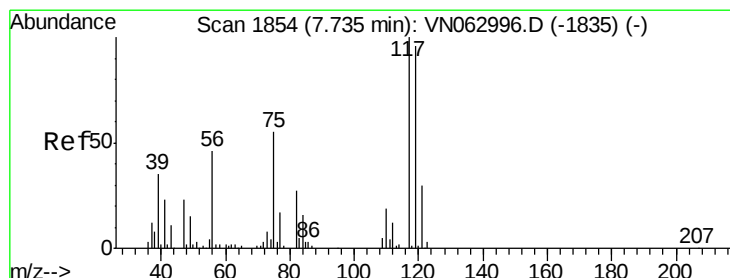
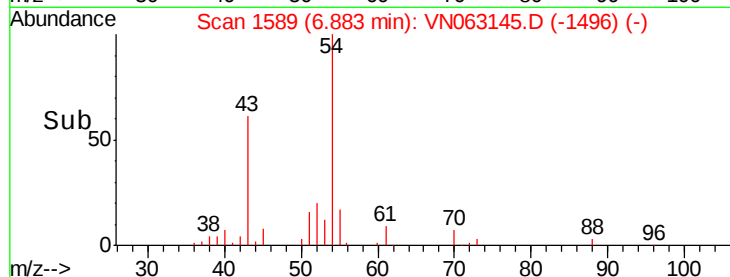
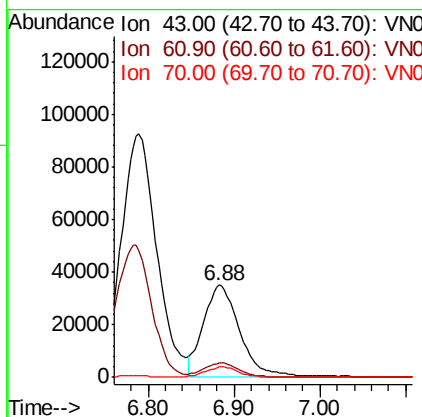
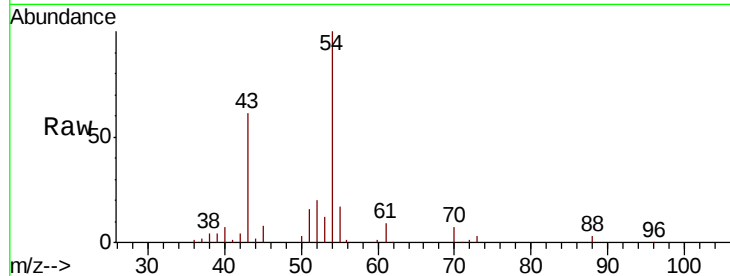




#37
Ethyl Acetate
Concen: 42.682 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. 0.00 min
Lab File: VN063145.D
Acq: 26 Aug 2020 20:11

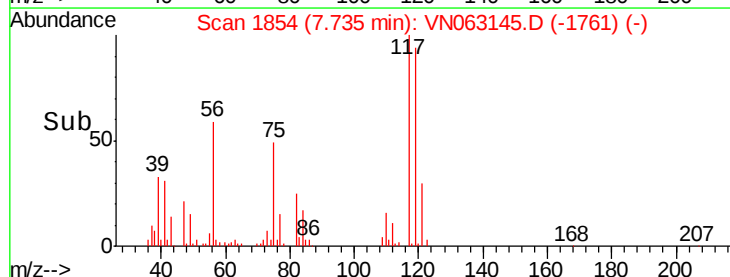
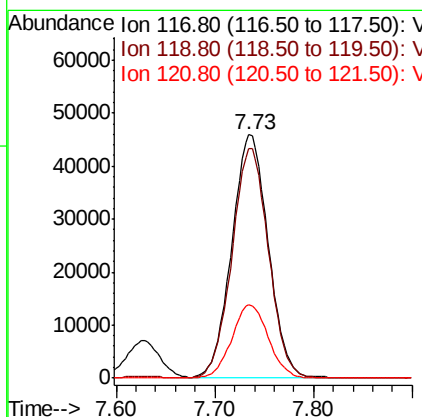
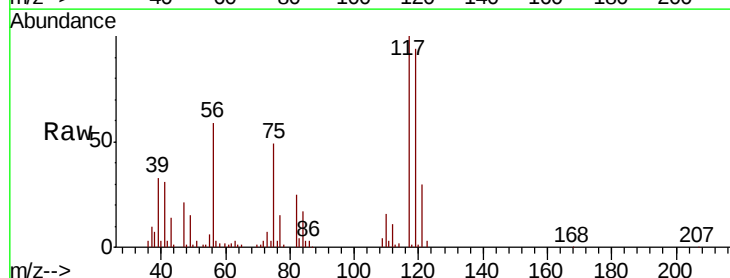
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

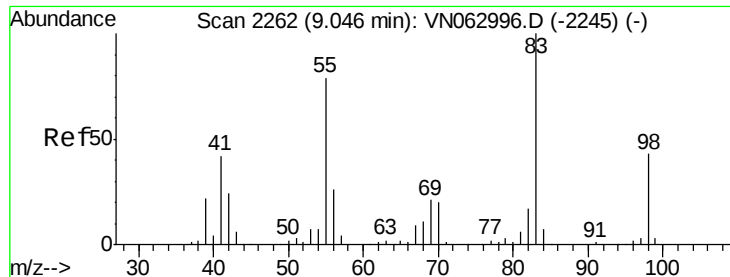
Tot Ion: 43 Resp: 101797
Ion Ratio Lower Upper
43 100
61 15.5 11.8 17.8
70 10.3 8.2 12.2



#38
Carbon Tetrachloride
Concen: 46.021 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VN063145.D
Acq: 26 Aug 2020 20:11

Tgt Ion: 117 Resp: 118261
Ion Ratio Lower Upper
117 100
119 94.3 76.2 114.4
121 30.1 24.2 36.2

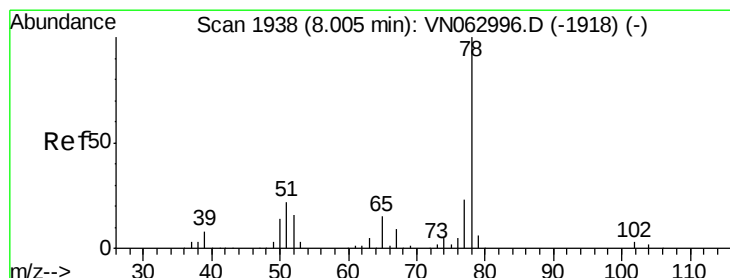
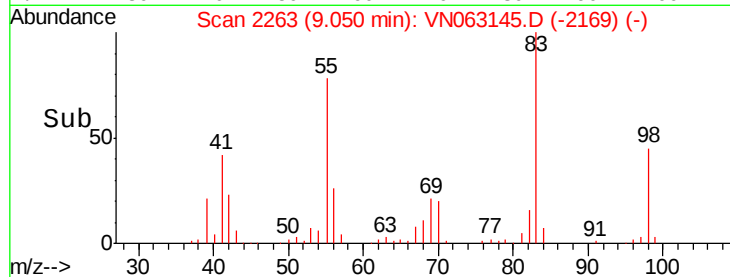
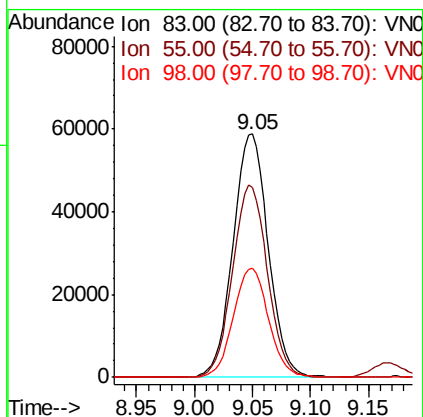
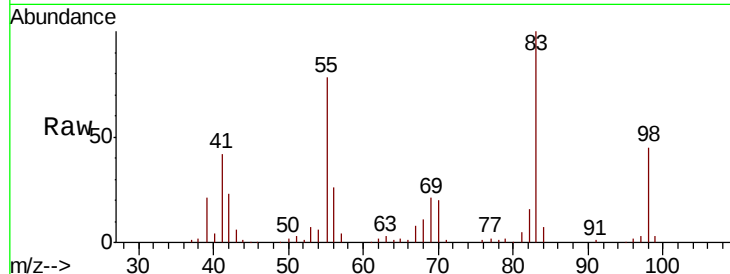




#39
Methvlcvclohexane
Concen: 36.566 ug/l
RT: 9.05 min Scan# 2263
Delta R.T. 0.00 min
Lab File: VN063145.D
Acq: 26 Aug 2020 20:11

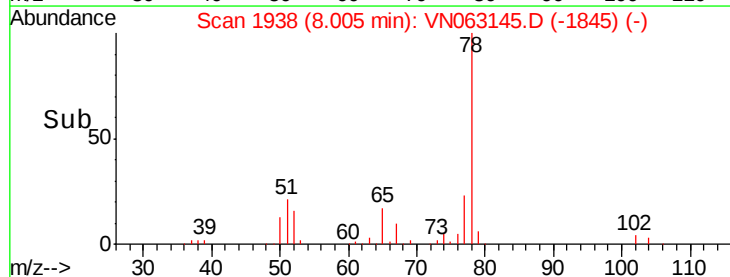
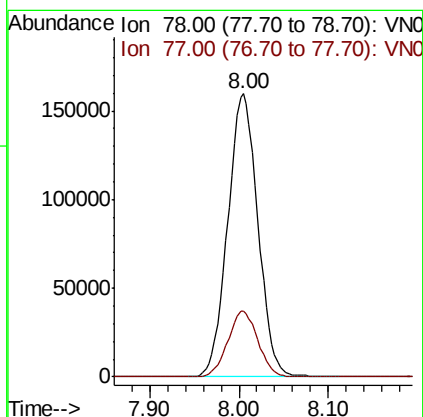
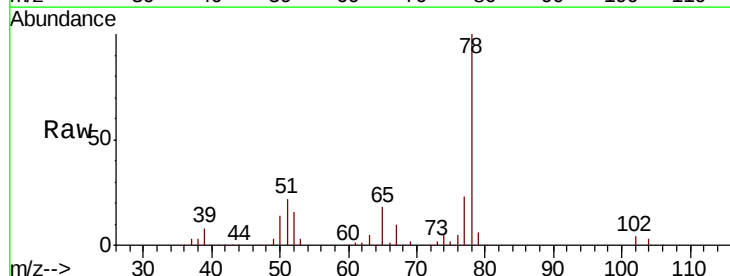
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

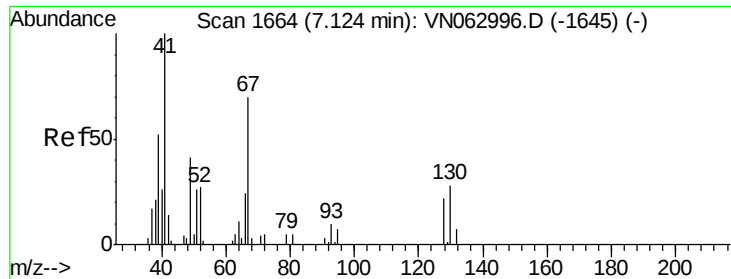
Tot Ion: 83 Resp: 124166
Ion Ratio Lower Upper
83 100
55 77.8 63.3 94.9
98 44.6 34.2 51.4



#40
Benzene
Concen: 46.328 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN063145.D
Acq: 26 Aug 2020 20:11

Tgt Ion: 78 Resp: 374002
Ion Ratio Lower Upper
78 100
77 23.1 18.8 28.2

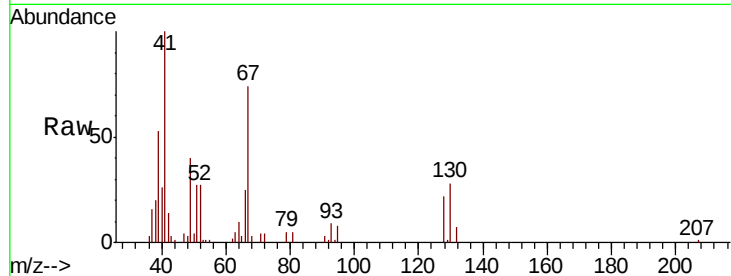




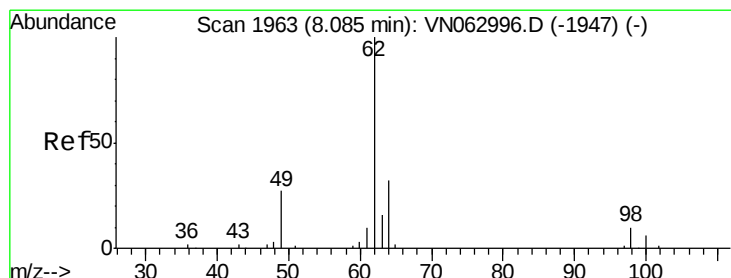
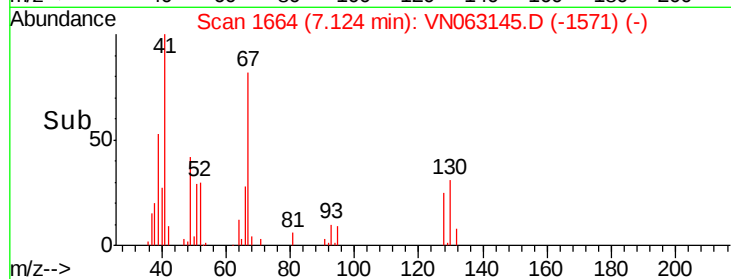
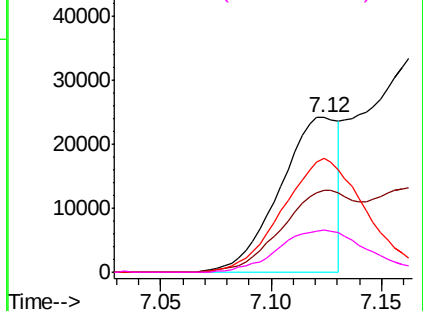
#41
Methacrylonitrile
Concen: 38.813 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. 0.00 min
Lab File: VN063145.D
Acq: 26 Aug 2020 20:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 41 Resp: 44104
Ion Ratio Lower Upper
41 100
39 66.1 41.6 62.4#
67 107.2 71.8 107.8
52 43.0 28.2 42.4#

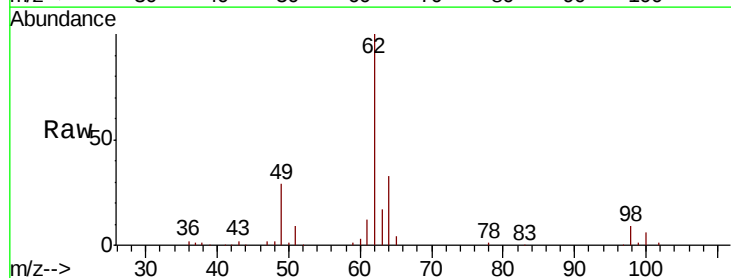


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

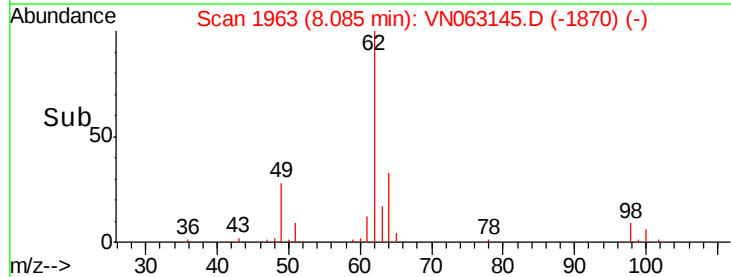
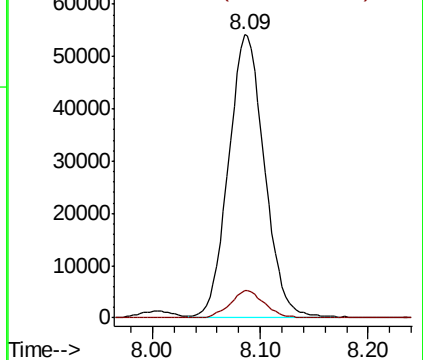


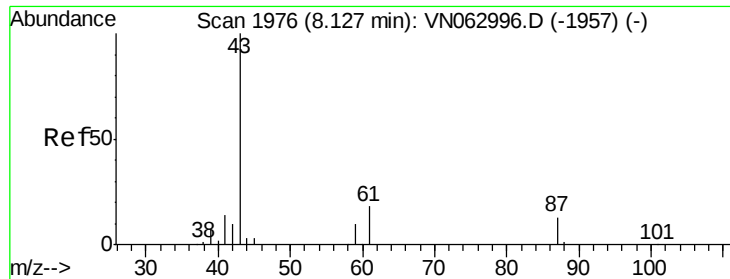
#42
1,2-Dichloroethane
Concen: 46.082 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VN063145.D
Acq: 26 Aug 2020 20:11

Tgt Ion: 62 Resp: 124913
Ion Ratio Lower Upper
62 100
98 9.3 0.0 18.4



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





#43

Isopropyl Acetate

Concen: 44.956 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN063145.D

Acq: 26 Aug 2020 20:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

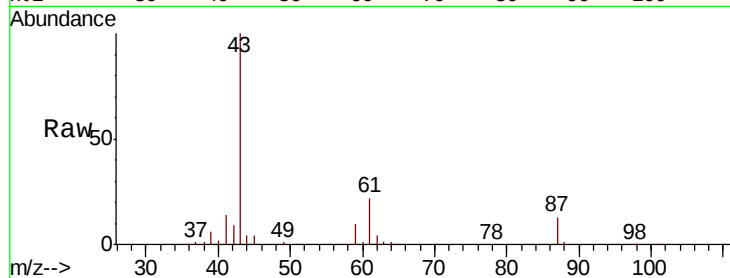
Tot Ion: 43 Resp: 177632

Ion Ratio Lower Upper

43 100

61 29.6 22.6 33.8

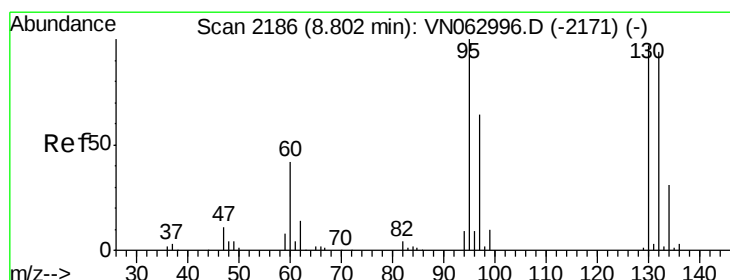
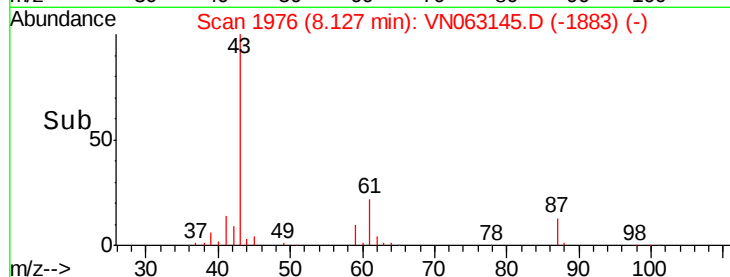
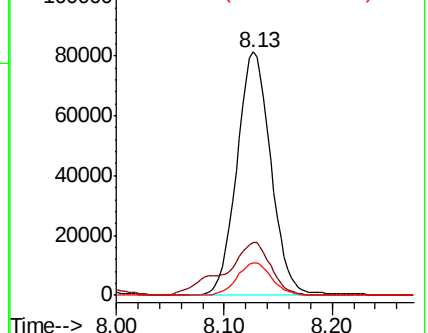
87 13.7 10.5 15.7



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: 46.998 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. 0.00 min

Lab File: VN063145.D

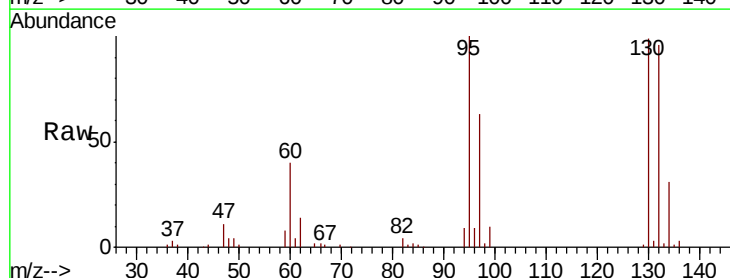
Acq: 26 Aug 2020 20:11

Tgt Ion:130 Resp: 94375

Ion Ratio Lower Upper

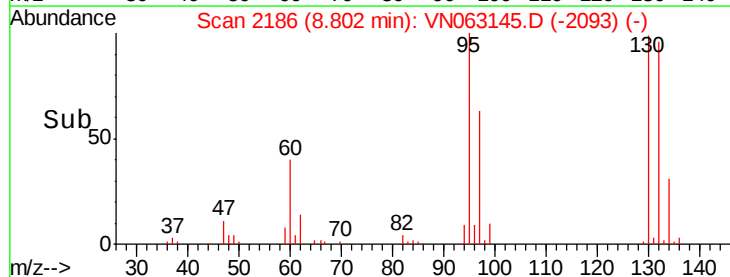
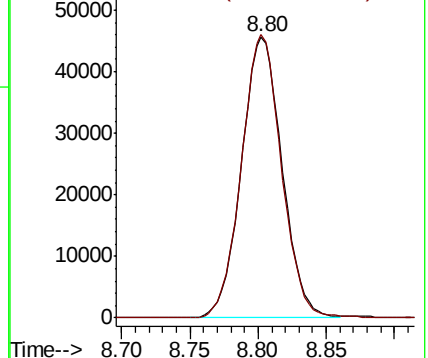
130 100

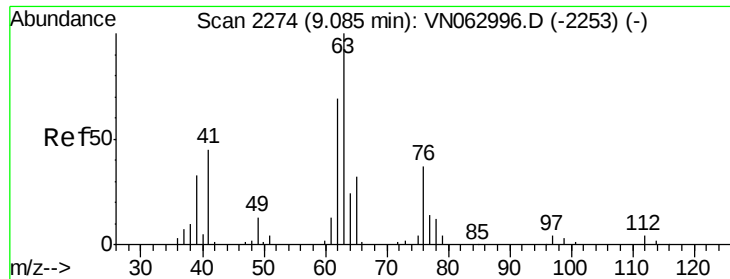
95 100.7 0.0 205.6



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

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

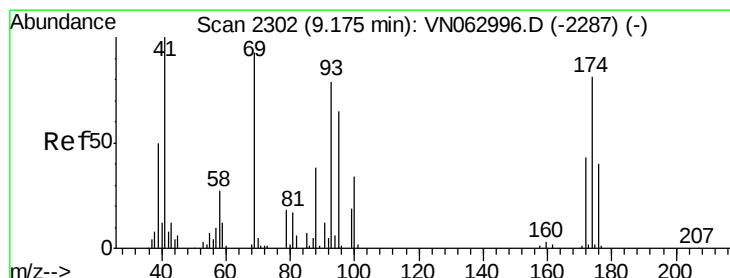
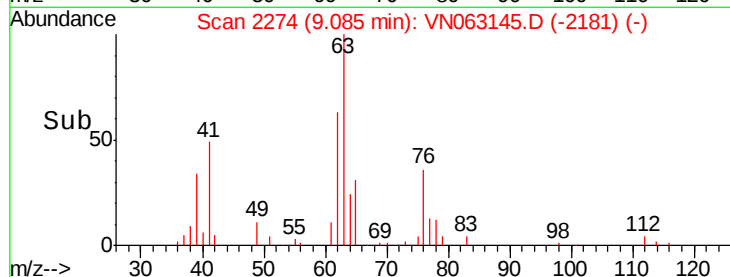
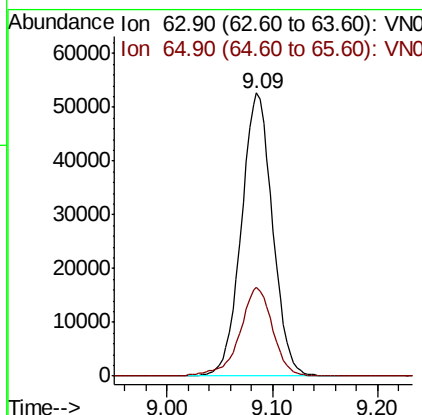
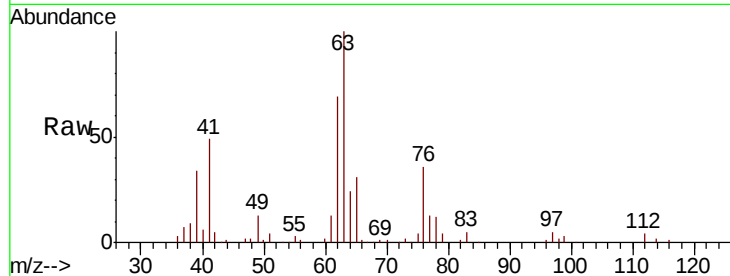




#45
 1,2-Dichloropropane
 Concen: 46.402 ug/l
 RT: 9.09 min Scan# 2274
 Delta R.T. 0.00 min
 Lab File: VN063145.D
 Acq: 26 Aug 2020 20:11

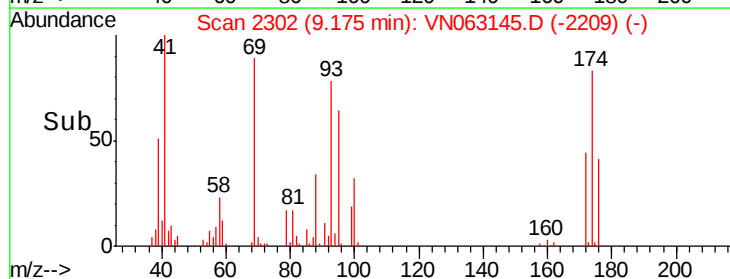
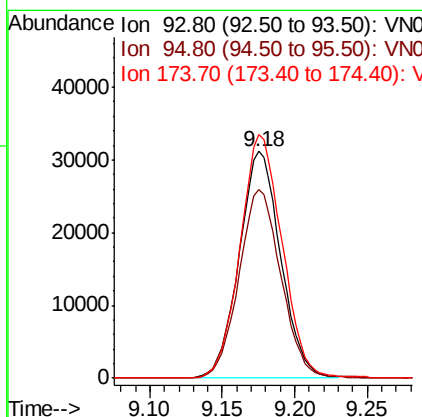
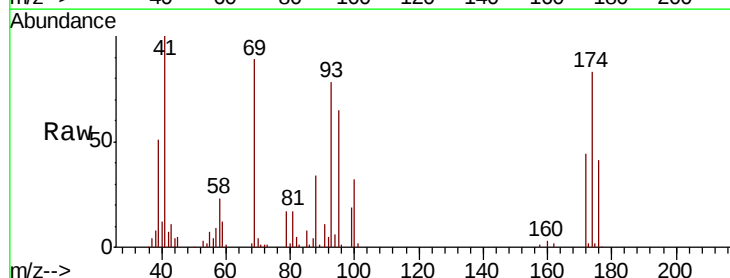
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

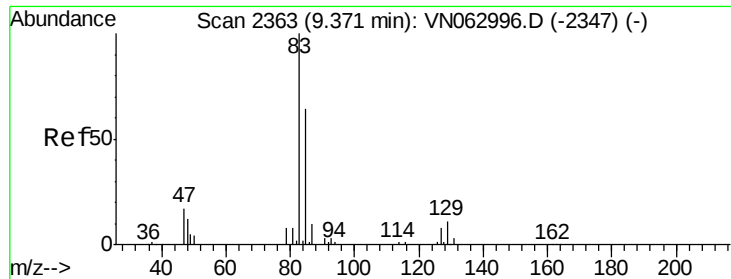
Tot Ion: 63 Resp: 108280
 Ion Ratio Lower Upper
 63 100
 65 31.4 25.6 38.4



#46
 Dibromomethane
 Concen: 46.017 ug/l
 RT: 9.18 min Scan# 2302
 Delta R.T. 0.00 min
 Lab File: VN063145.D
 Acq: 26 Aug 2020 20:11

Tgt Ion: 93 Resp: 62034
 Ion Ratio Lower Upper
 93 100
 95 84.0 66.2 99.4
 174 108.8 84.6 127.0

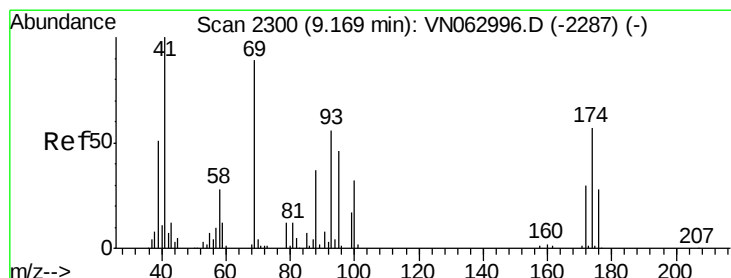
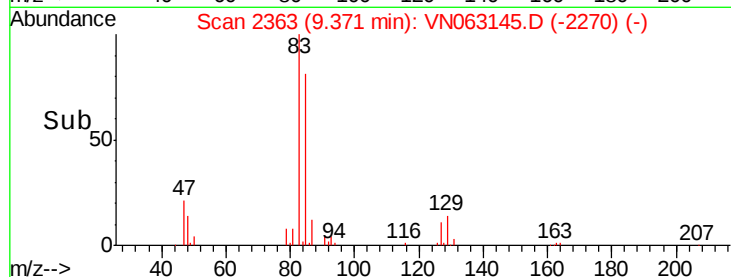
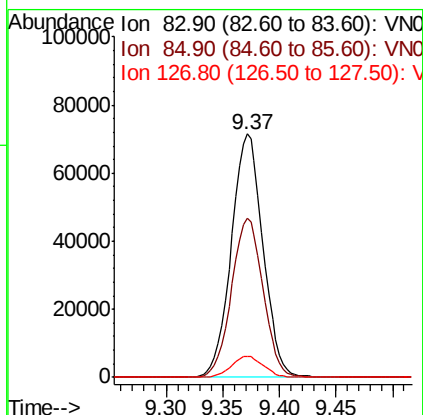
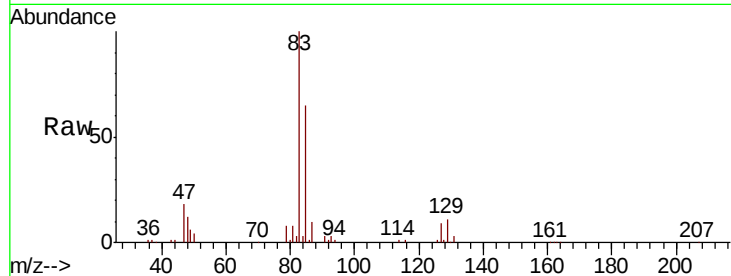




#47
 Bromodichloromethane
 Concen: 47.139 ug/l
 RT: 9.37 min Scan# 2363
 Delta R.T. 0.00 min
 Lab File: VN063145.D
 Acq: 26 Aug 2020 20:11

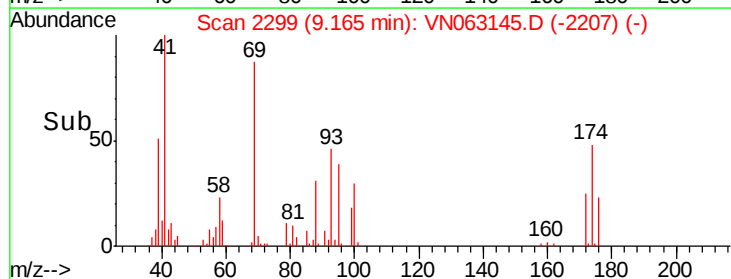
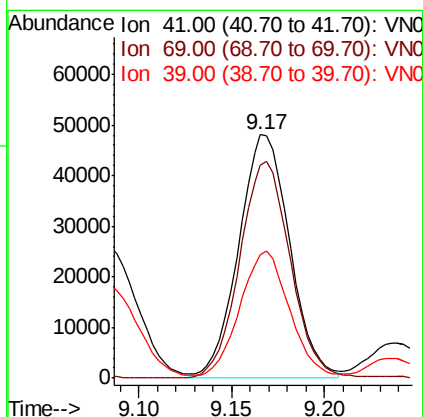
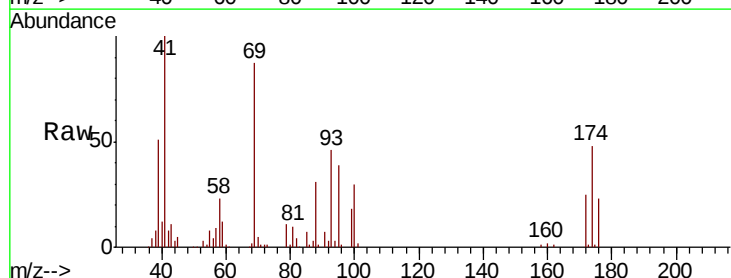
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

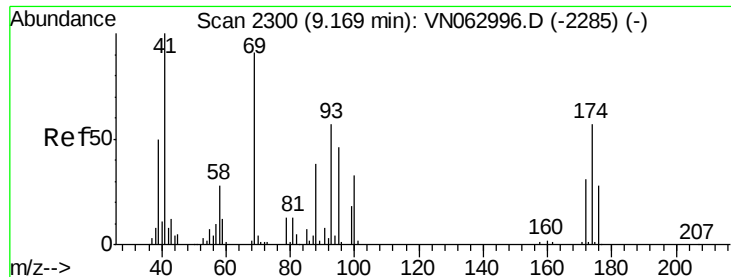
Tot Ion: 83 Resp: 139181
 Ion Ratio Lower Upper
 83 100
 85 65.2 51.1 76.7
 127 8.7 6.6 9.8



#48
 Methyl methacrylate
 Concen: 48.992 ug/l
 RT: 9.17 min Scan# 2299
 Delta R.T. -0.00 min
 Lab File: VN063145.D
 Acq: 26 Aug 2020 20:11

Tgt Ion: 41 Resp: 91591
 Ion Ratio Lower Upper
 41 100
 69 88.6 74.2 111.4
 39 51.5 42.5 63.7

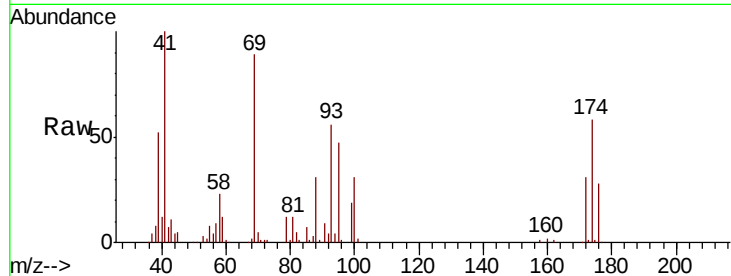




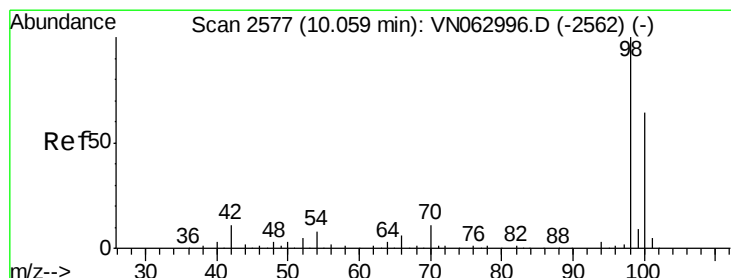
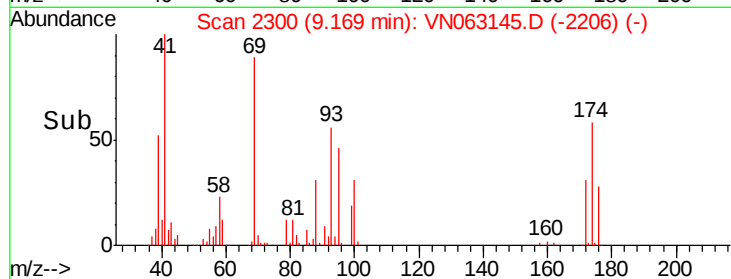
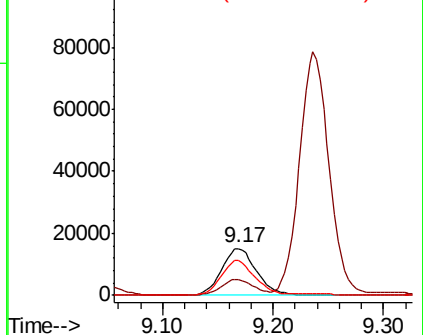
#49
 1,4-Dioxane
 Concen: 809.748 ug/l
 RT: 9.17 min Scan# 2300
 Delta R.T. 0.00 min
 Lab File: VN063145.D
 Acq: 26 Aug 2020 20:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 88 Resp: 33191
 Ion Ratio Lower Upper
 88 100
 43 32.6 25.2 37.8
 58 71.7 56.7 85.1

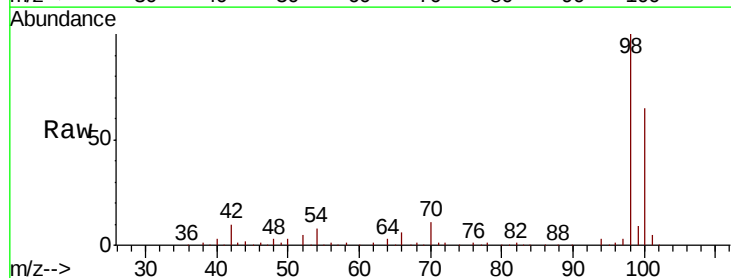


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

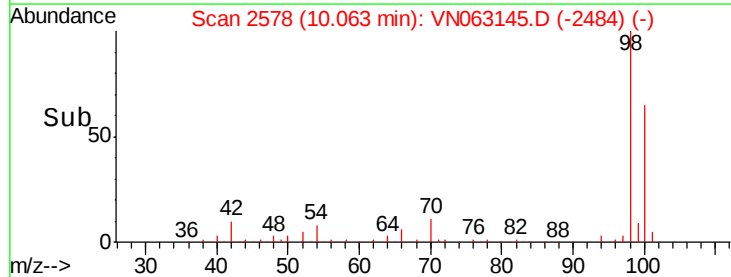
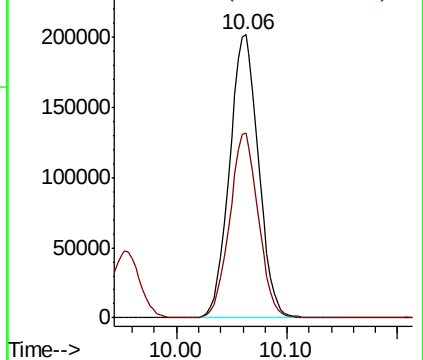


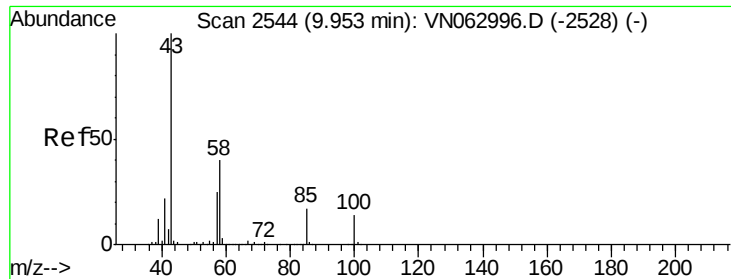
#50
 Toluene-d8
 Concen: 50.875 ug/l
 RT: 10.06 min Scan# 2578
 Delta R.T. 0.00 min
 Lab File: VN063145.D
 Acq: 26 Aug 2020 20:11

Tgt Ion: 98 Resp: 367768
 Ion Ratio Lower Upper
 98 100
 100 64.2 51.2 76.8



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

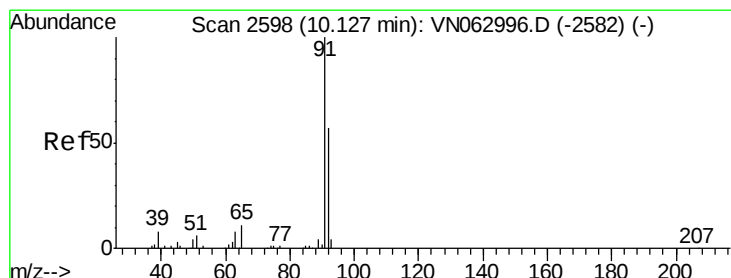
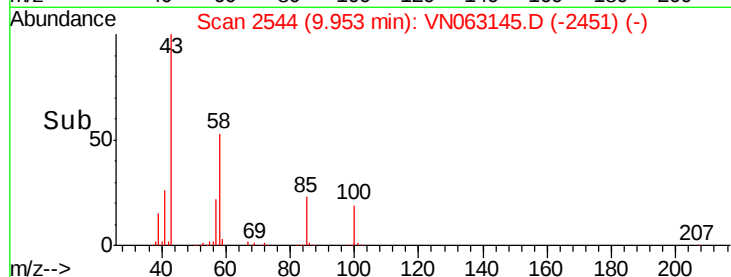
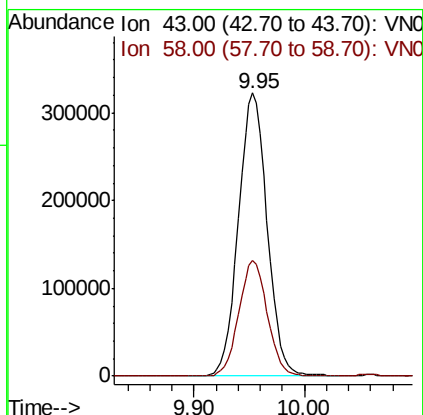
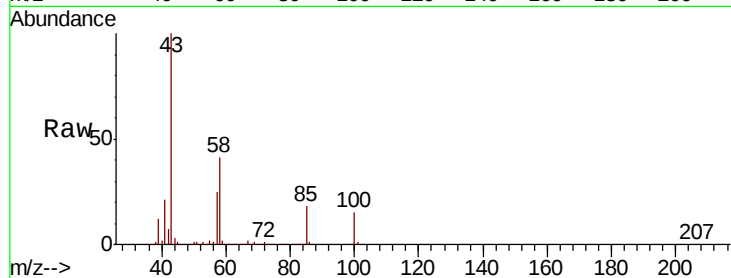




#51
4-Methyl-2-Pentanone
Concen: 232.091 ug/l
RT: 9.95 min Scan# 2544
Delta R.T. 0.00 min
Lab File: VN063145.D
Acq: 26 Aug 2020 20:11

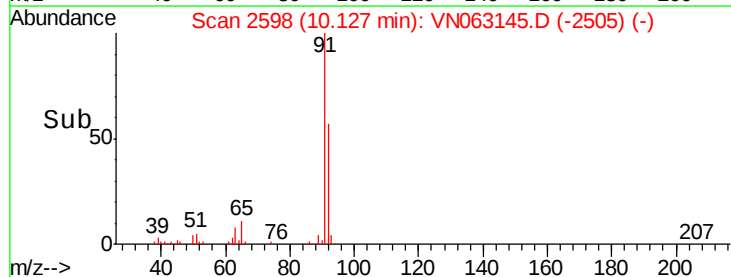
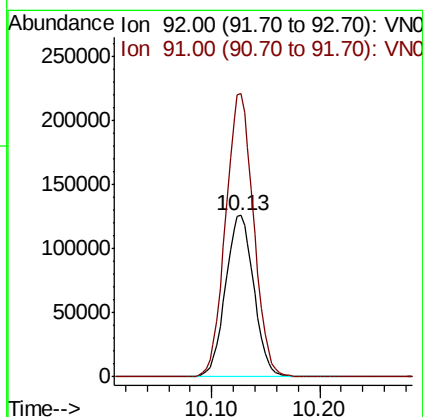
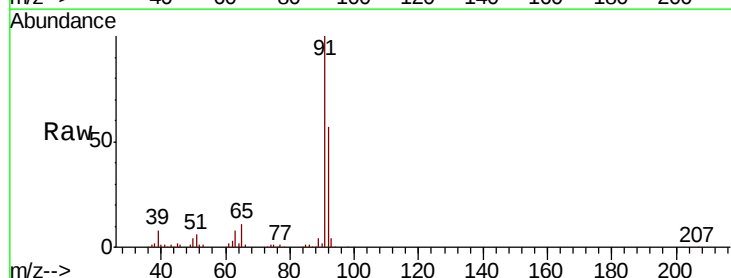
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

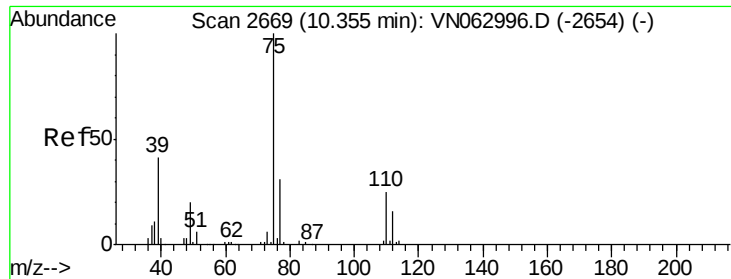
Tot Ion: 43 Resp: 579650
Ion Ratio Lower Upper
43 100
58 40.6 32.2 48.2



#52
Toluene
Concen: 47.398 ug/l
RT: 10.13 min Scan# 2598
Delta R.T. 0.00 min
Lab File: VN063145.D
Acq: 26 Aug 2020 20:11

Tgt Ion: 92 Resp: 230824
Ion Ratio Lower Upper
92 100
91 173.5 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 49.010 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN063145.D

Acq: 26 Aug 2020 20:11

Instrument :

MSVOA_N

ClientSampleId :

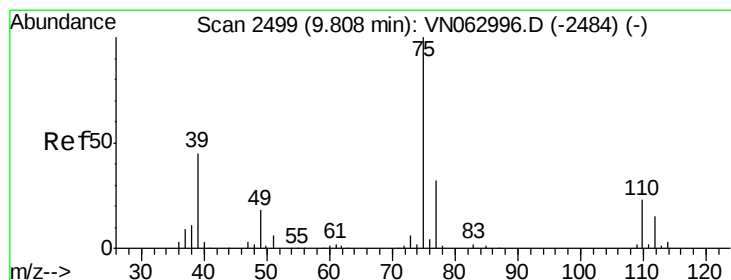
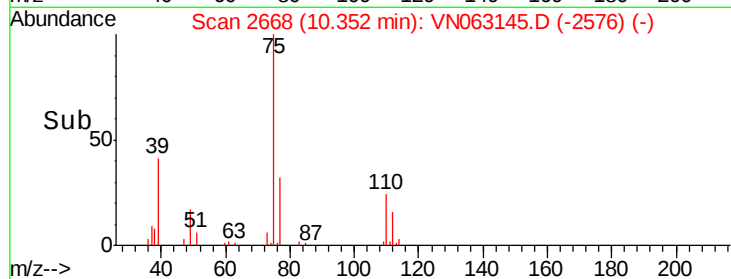
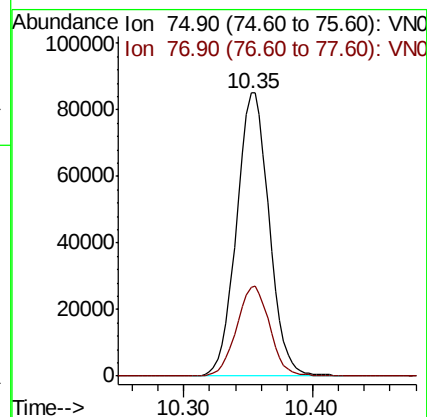
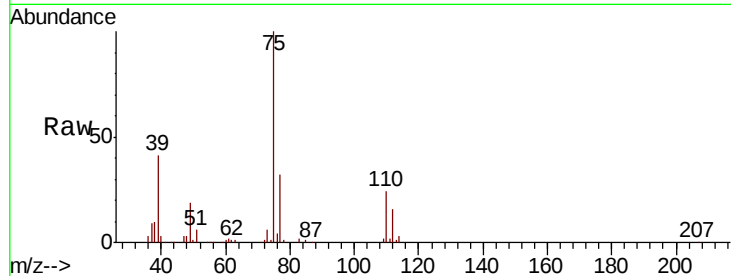
VSTDCCC050EC

Tot Ion: 75 Resp: 149644

Ion Ratio Lower Upper

75 100

77 31.6 24.6 37.0



#54

cis-1,3-Dichloropropene

Concen: 48.382 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. 0.00 min

Lab File: VN063145.D

Acq: 26 Aug 2020 20:11

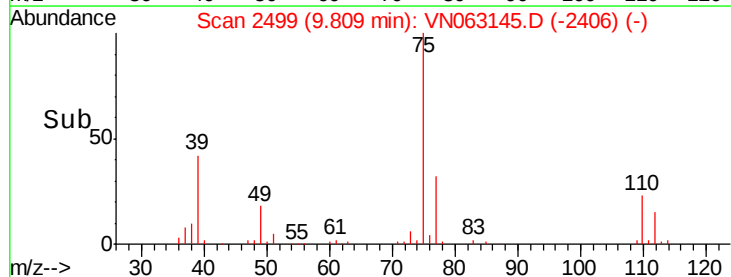
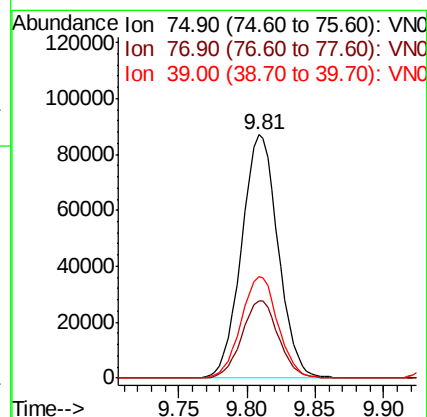
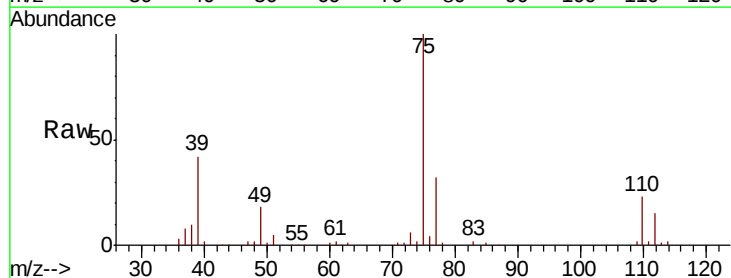
Tgt Ion: 75 Resp: 162055

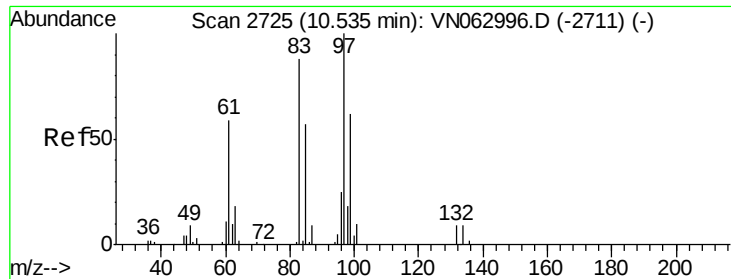
Ion Ratio Lower Upper

75 100

77 31.9 25.4 38.2

39 41.8 35.7 53.5

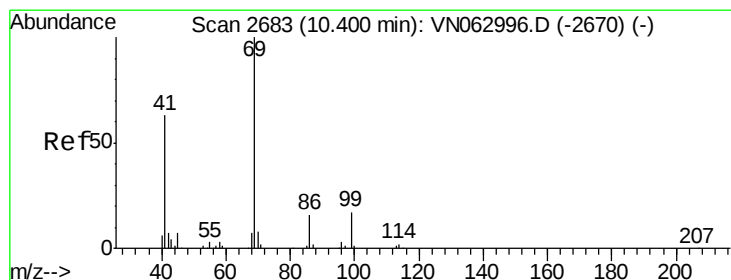
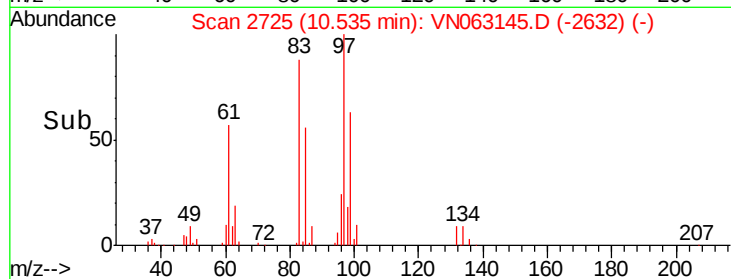
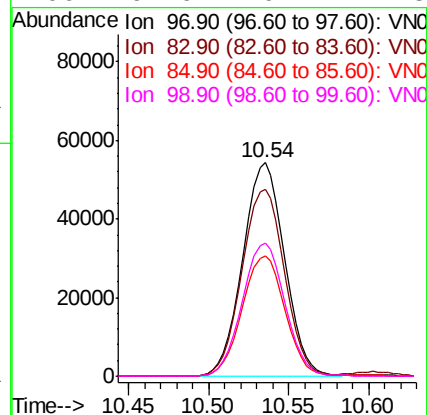
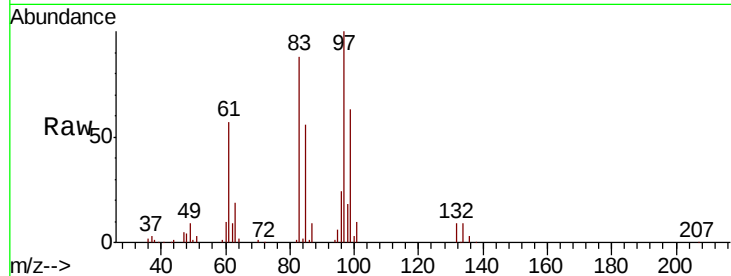




#55
 1,1,2-Trichloroethane
 Concen: 46.727 ug/l
 RT: 10.54 min Scan# 2725
 Delta R.T. 0.00 min
 Lab File: VN063145.D
 Acq: 26 Aug 2020 20:11

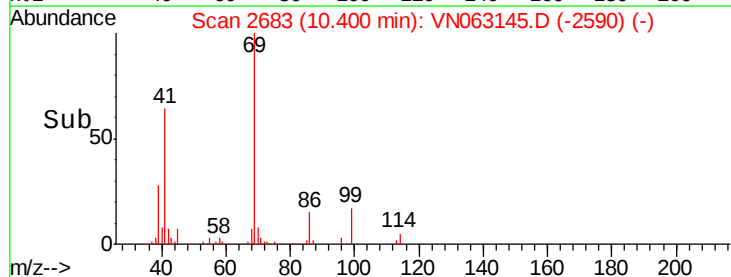
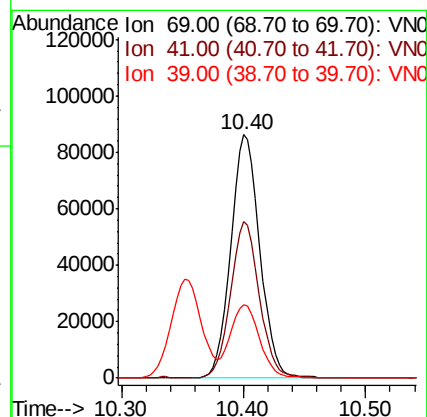
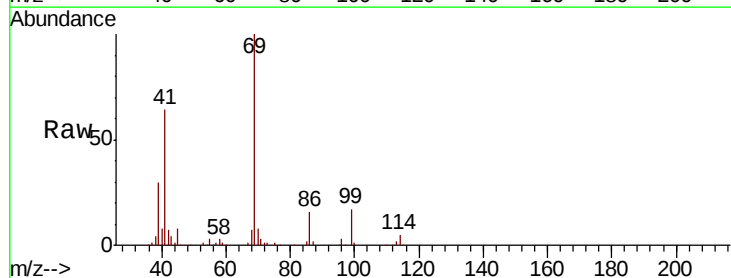
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

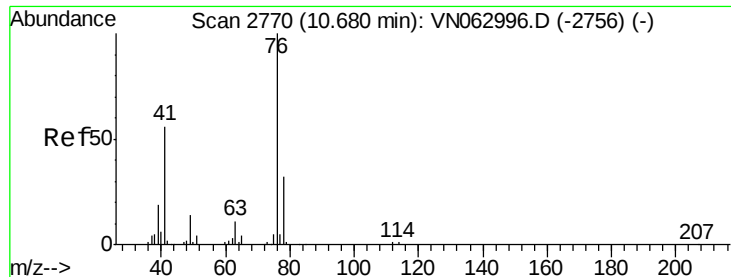
Tot Ion	97	Resp	97300
Ion	Ratio	Lower	Upper
97	100		
83	87.7	70.5	105.7
85	56.4	45.8	68.6
99	62.6	49.7	74.5



#56
 Ethyl methacrylate
 Concen: 44.908 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. 0.00 min
 Lab File: VN063145.D
 Acq: 26 Aug 2020 20:11

Tgt Ion	69	Resp	143835
Ion	Ratio	Lower	Upper
69	100		
41	63.1	50.2	75.2
39	30.5	24.2	36.4

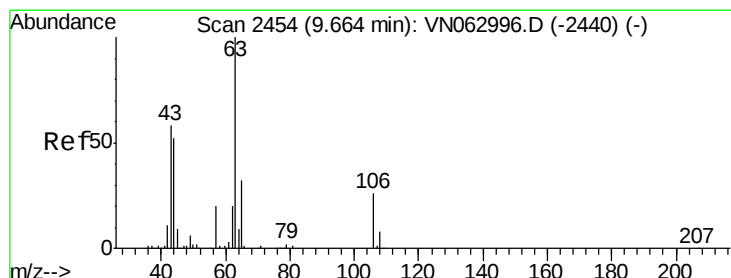
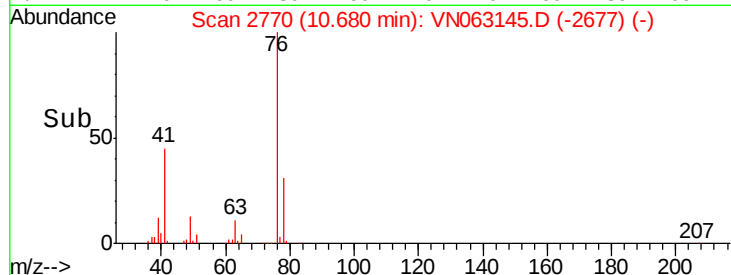
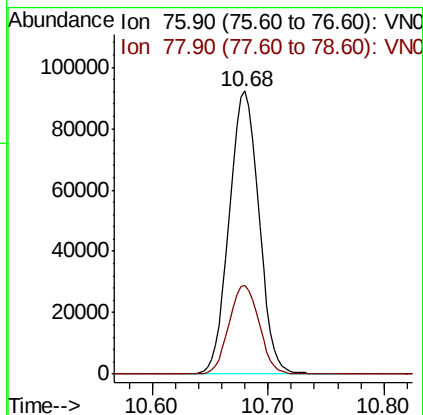
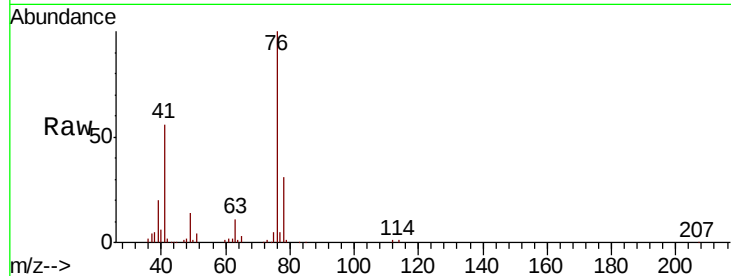




#57
 1,3-Dichloropropane
 Concen: 47.336 ug/l
 RT: 10.68 min Scan# 2770
 Delta R.T. 0.00 min
 Lab File: VN063145.D
 Acq: 26 Aug 2020 20:11

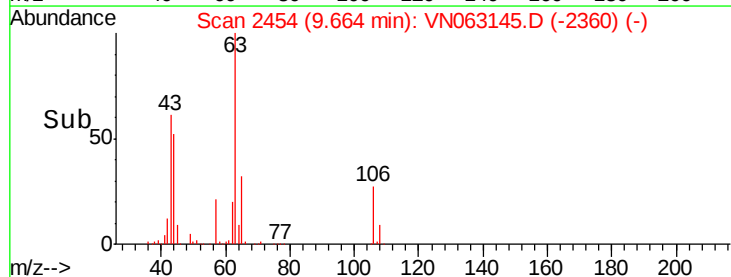
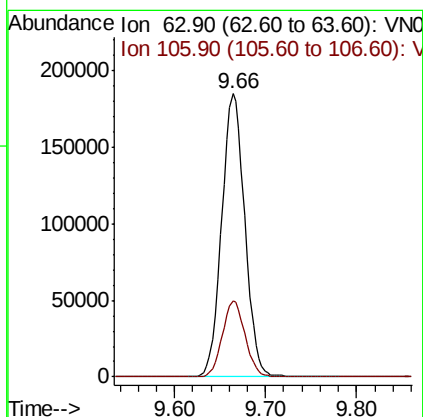
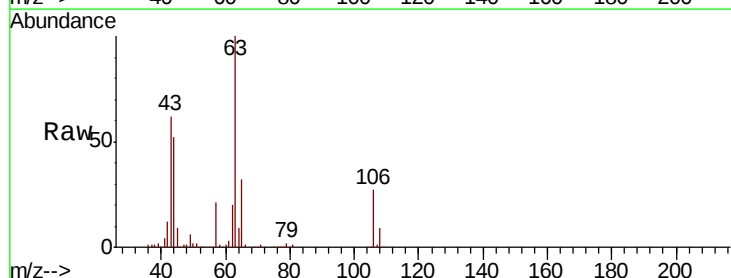
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

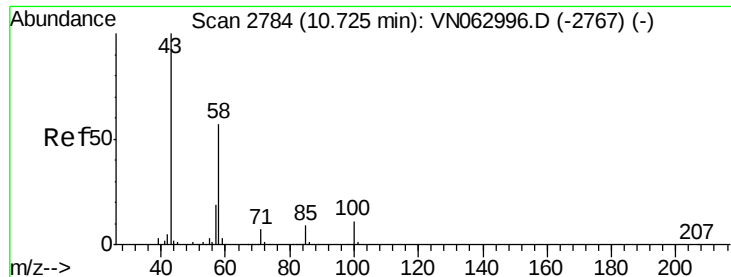
Tot Ion: 76 Resp: 163674
 Ion Ratio Lower Upper
 76 100
 78 31.9 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 409.873 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN063145.D
 Acq: 26 Aug 2020 20:11

Tgt Ion: 63 Resp: 326882
 Ion Ratio Lower Upper
 63 100
 106 26.4 20.7 31.1

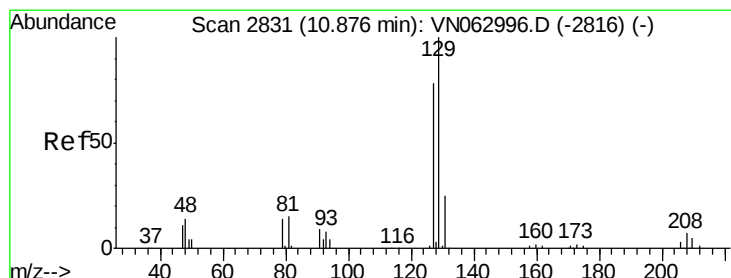
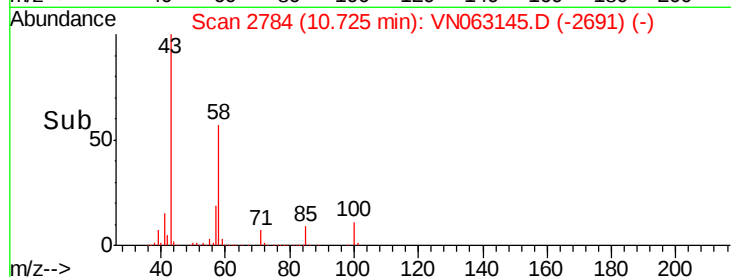
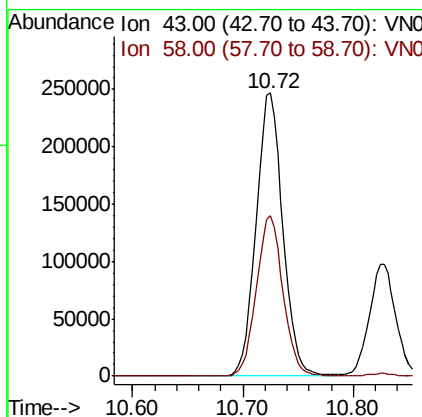
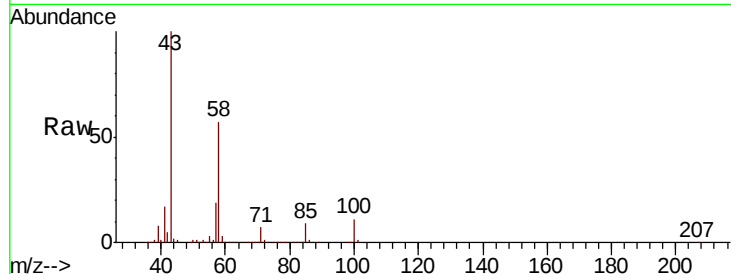




#59
2-Hexanone
Concen: 237.605 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN063145.D
Acq: 26 Aug 2020 20:11

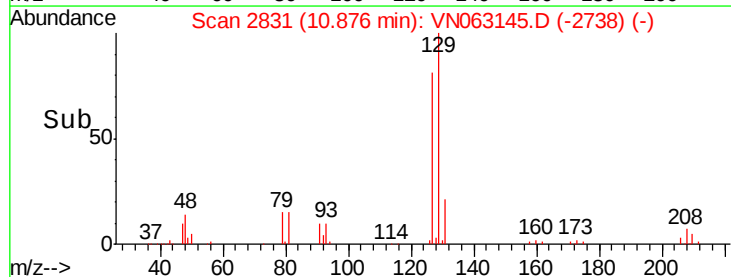
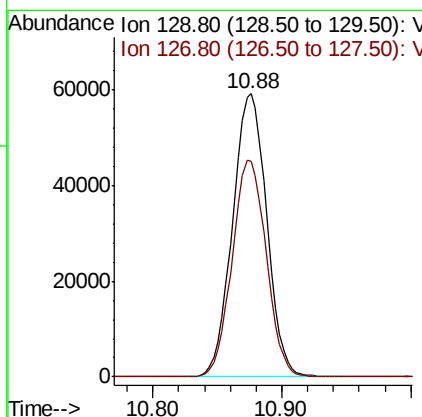
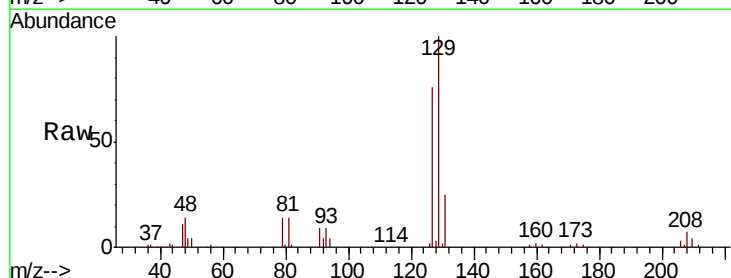
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

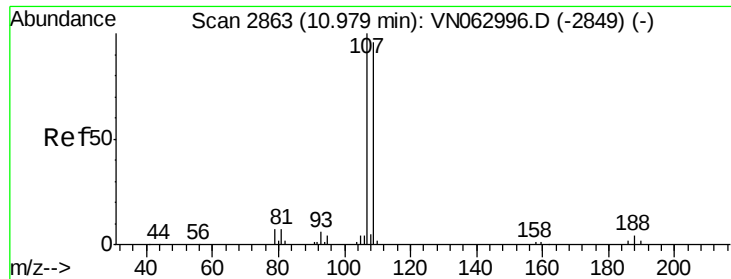
Tot Ion: 43 Resp: 413926
Ion Ratio Lower Upper
43 100
58 56.5 28.1 84.3



#60
Dibromochloromethane
Concen: 47.288 ug/l
RT: 10.88 min Scan# 2831
Delta R.T. 0.00 min
Lab File: VN063145.D
Acq: 26 Aug 2020 20:11

Tgt Ion: 129 Resp: 108970
Ion Ratio Lower Upper
129 100
127 76.4 38.4 115.2

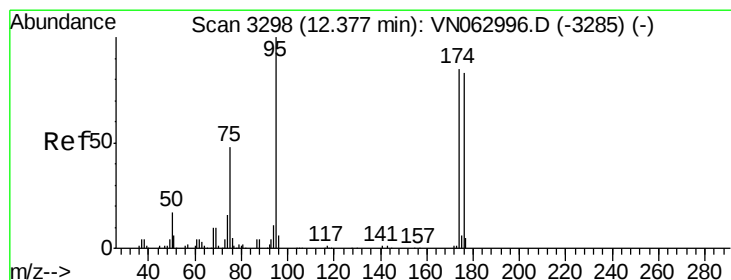
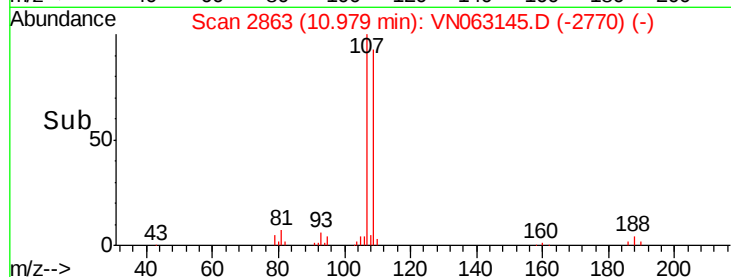
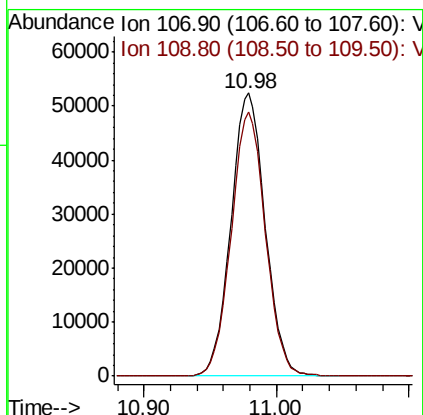
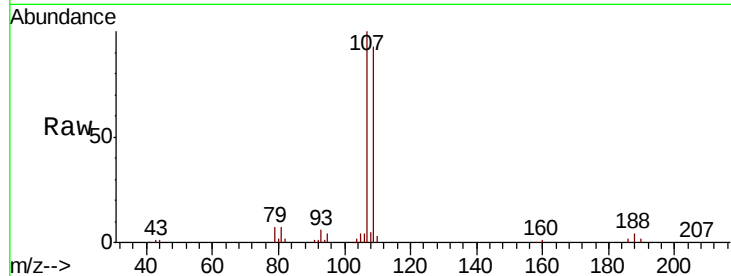




#61
 1,2-Dibromoethane
 Concen: 46.915 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. 0.00 min
 Lab File: VN063145.D
 Acq: 26 Aug 2020 20:11

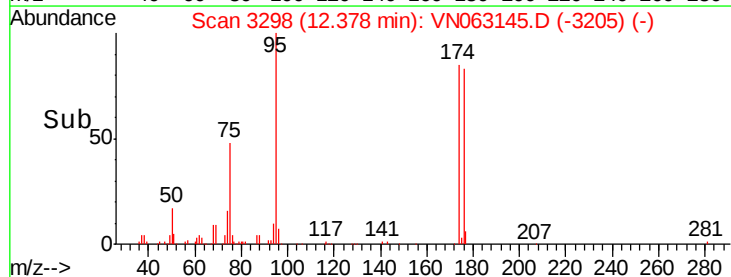
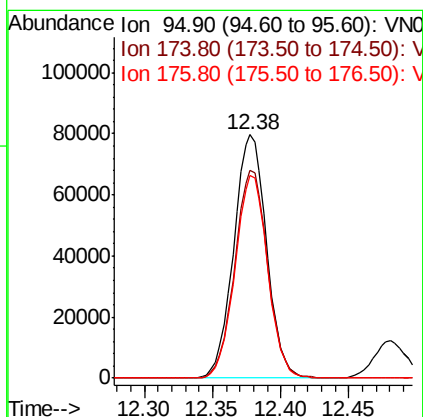
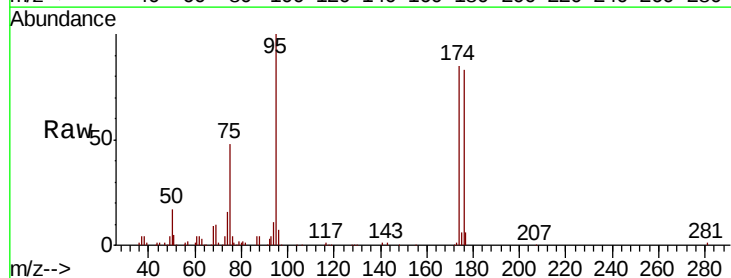
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

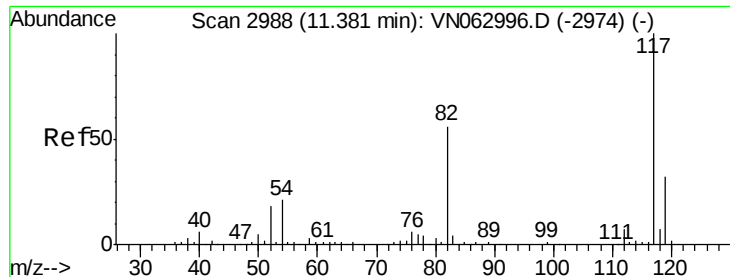
Tot Ion:107 Resp: 93867
 Ion Ratio Lower Upper
 107 100
 109 93.1 75.7 113.5



#62
 4-Bromofluorobenzene
 Concen: 52.117 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.00 min
 Lab File: VN063145.D
 Acq: 26 Aug 2020 20:11

Tgt Ion: 95 Resp: 132949
 Ion Ratio Lower Upper
 95 100
 174 85.4 0.0 170.8
 176 82.7 0.0 164.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. 0.00 min

Lab File: VN063145.D

Acq: 26 Aug 2020 20:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

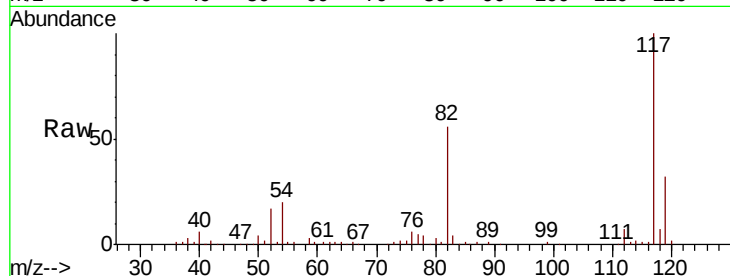
Tot Ion:117 Resp: 270562

Ion Ratio Lower Upper

117 100

82 55.5 44.5 66.7

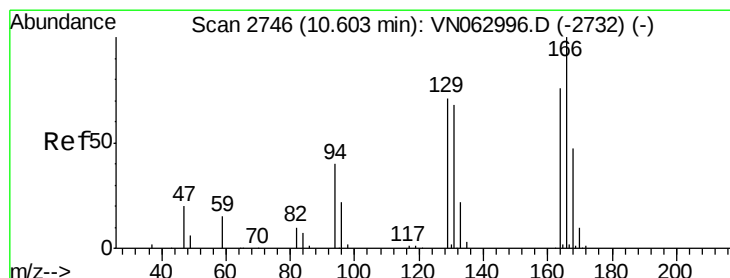
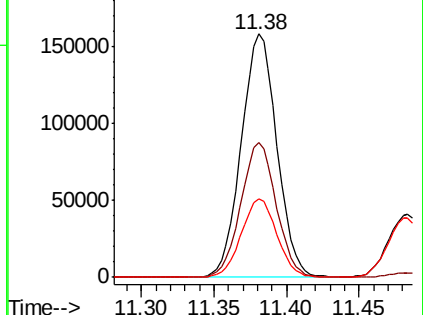
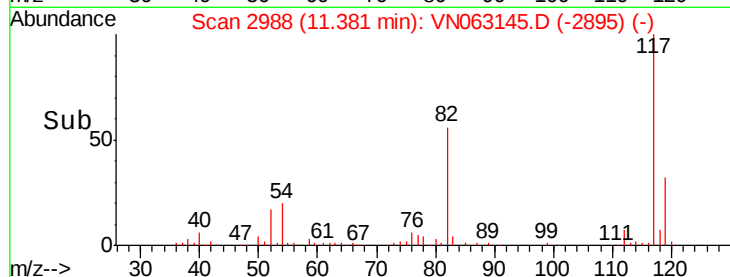
119 32.1 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 52.248 ug/l

RT: 10.60 min Scan# 2746

Delta R.T. 0.00 min

Lab File: VN063145.D

Acq: 26 Aug 2020 20:11

Tgt Ion:164 Resp: 92925

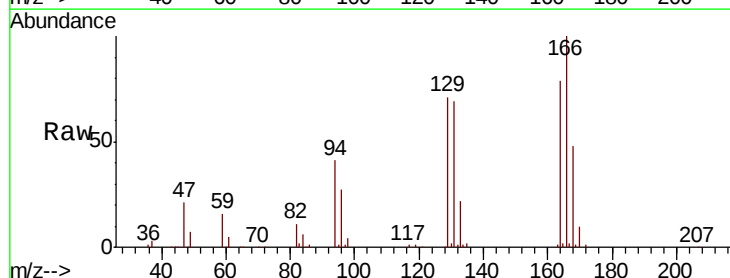
Ion Ratio Lower Upper

164 100

166 127.2 105.0 157.6

129 90.8 74.7 112.1

131 88.1 71.0 106.4

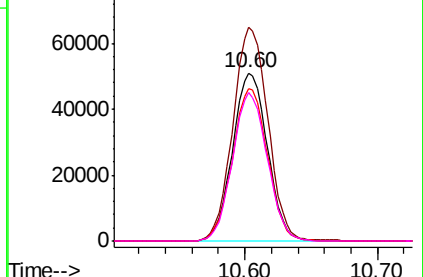
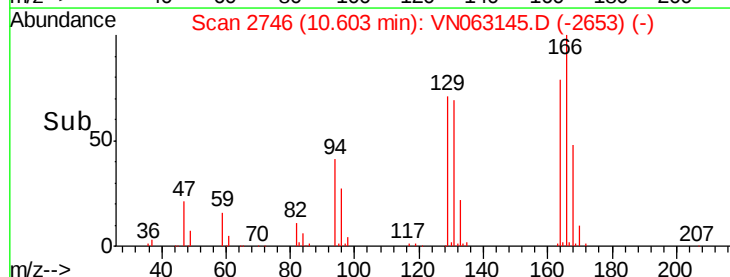


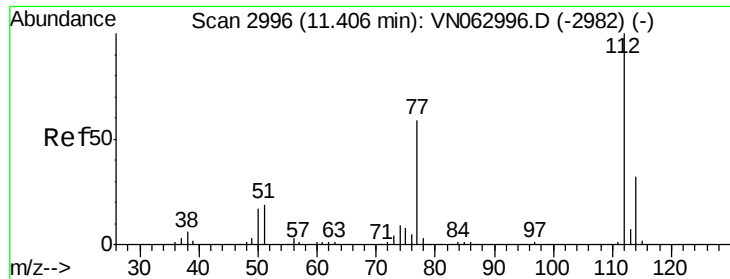
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

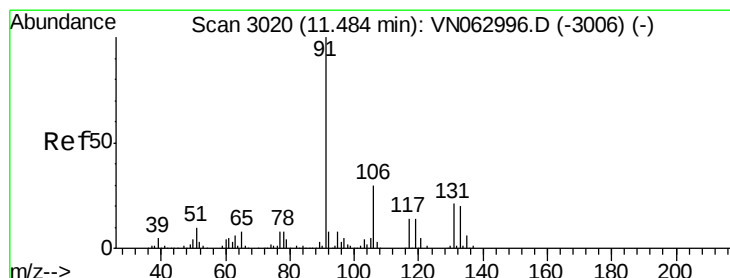
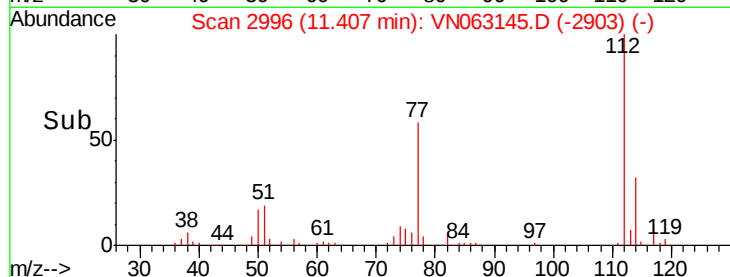
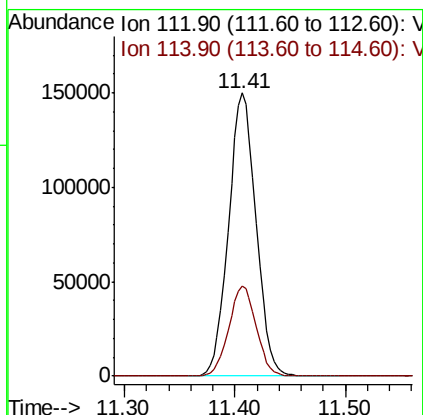
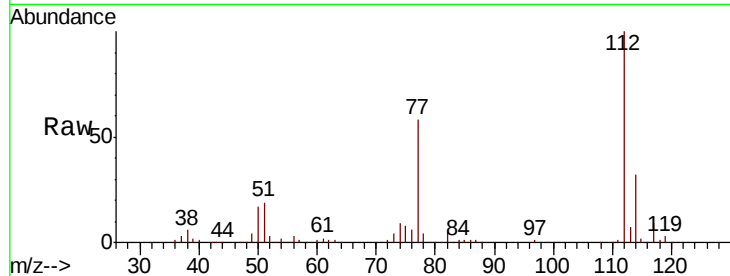




#65
Chlorobenzene
Concen: 47.632 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN063145.D
Acq: 26 Aug 2020 20:11

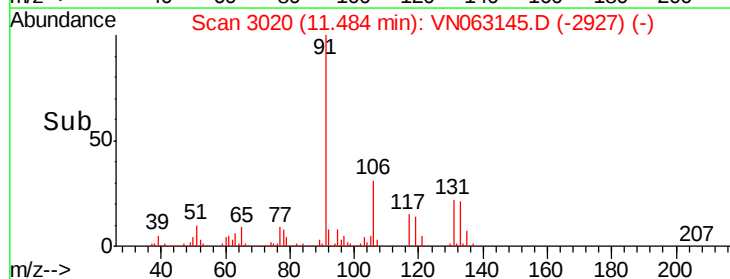
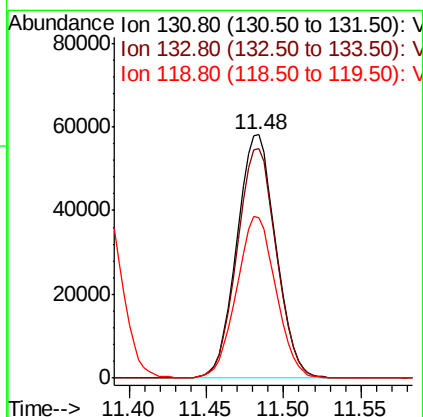
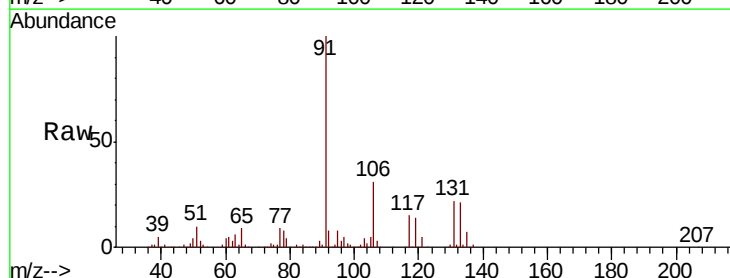
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

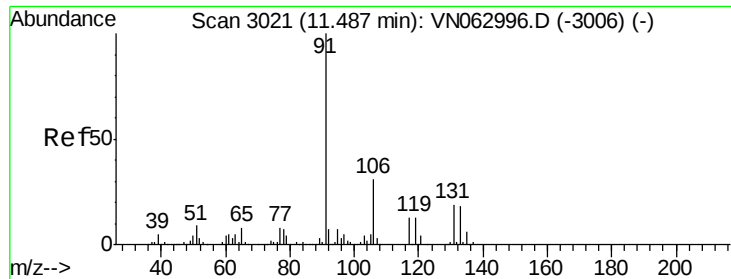
Tot Ion:112 Resp: 258825
Ion Ratio Lower Upper
112 100
114 31.8 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 48.227 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN063145.D
Acq: 26 Aug 2020 20:11

Tgt Ion:131 Resp: 101930
Ion Ratio Lower Upper
131 100
133 95.3 47.5 142.6
119 66.8 33.1 99.3

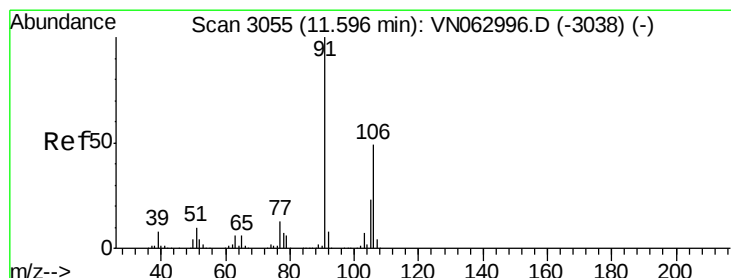
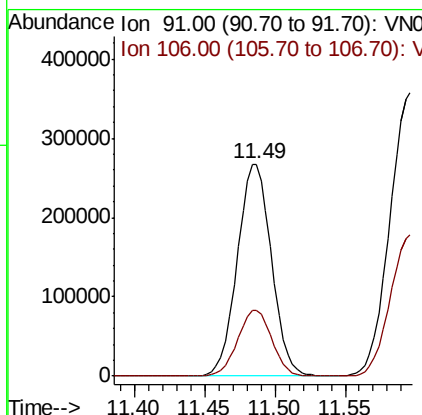
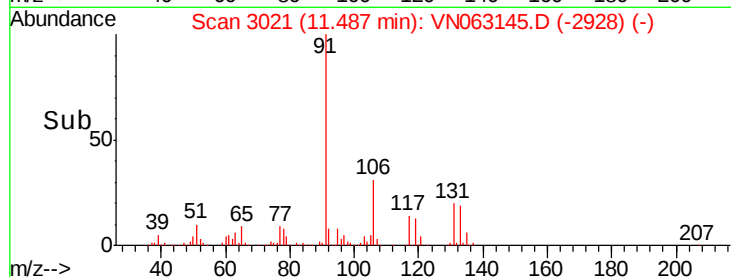
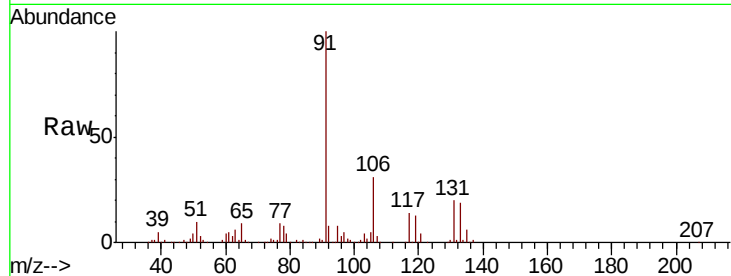




#67
Ethyl Benzene
Concen: 49.434 ug/l
RT: 11.49 min Scan# 3021
Delta R.T. 0.00 min
Lab File: VN063145.D
Acq: 26 Aug 2020 20:11

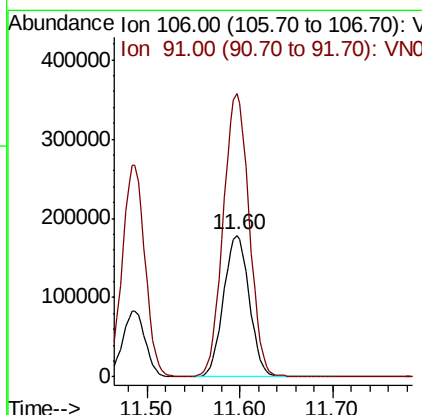
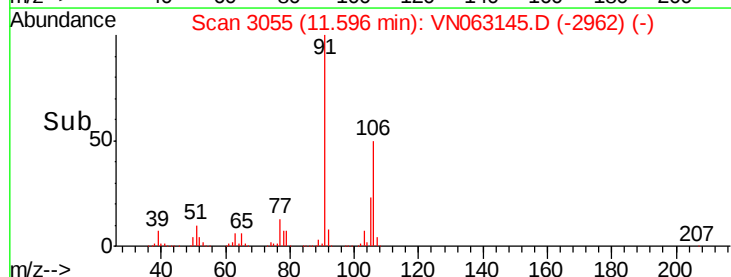
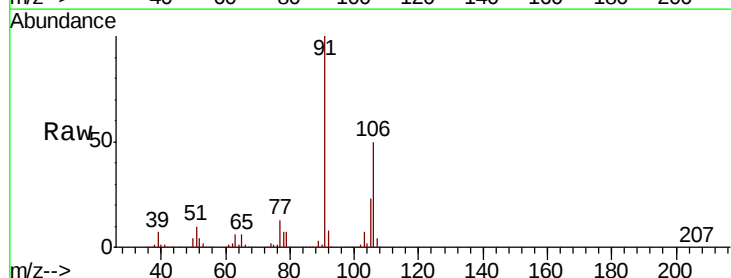
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

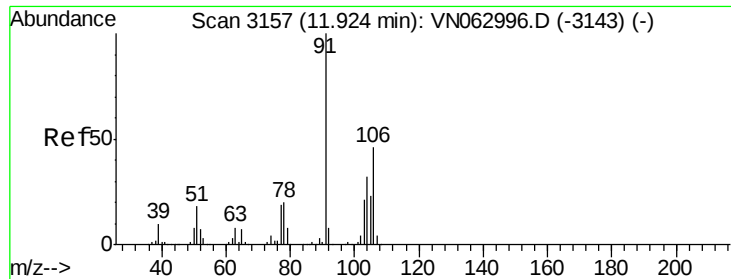
Tot Ion: 91 Resp: 453886
Ion Ratio Lower Upper
91 100
106 31.1 24.6 37.0



#68
m/p-Xylenes
Concen: 100.612 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN063145.D
Acq: 26 Aug 2020 20:11

Tgt Ion: 106 Resp: 343343
Ion Ratio Lower Upper
106 100
91 201.6 163.0 244.4

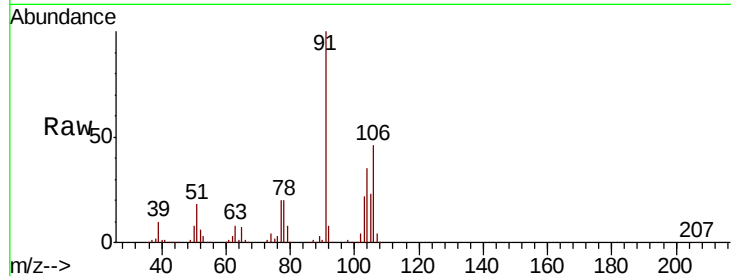




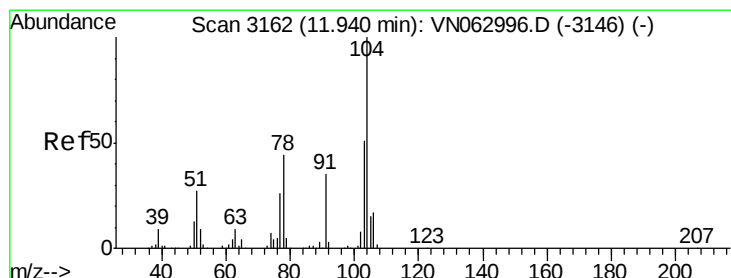
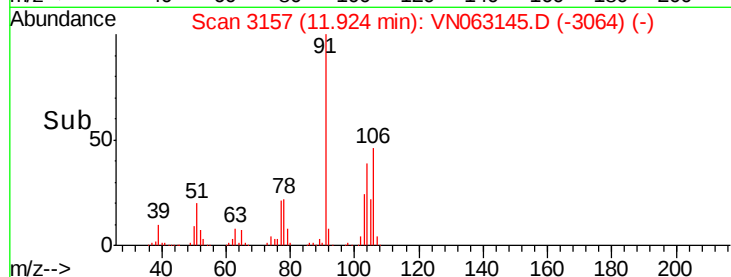
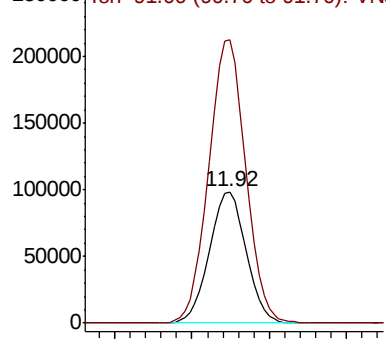
#69
o-Xylene
Concen: 49.784 ug/l
RT: 11.92 min Scan# 3157
Delta R.T. 0.00 min
Lab File: VN063145.D
Acq: 26 Aug 2020 20:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 163140
Ion Ratio Lower Upper
106 100
91 216.8 107.3 321.9

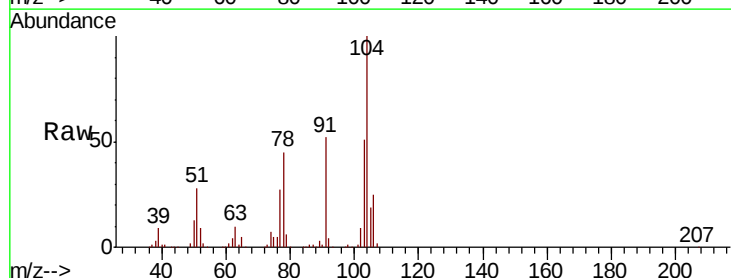


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

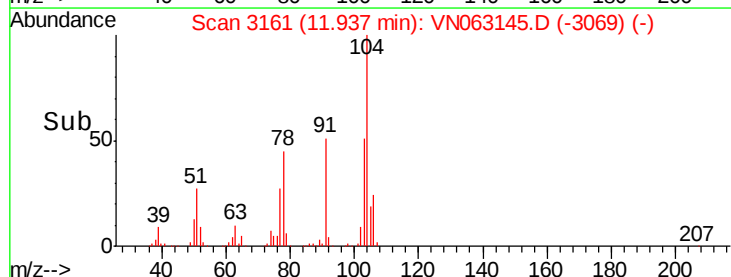
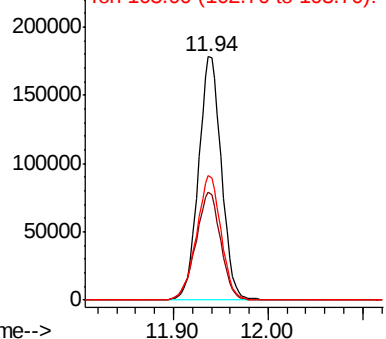


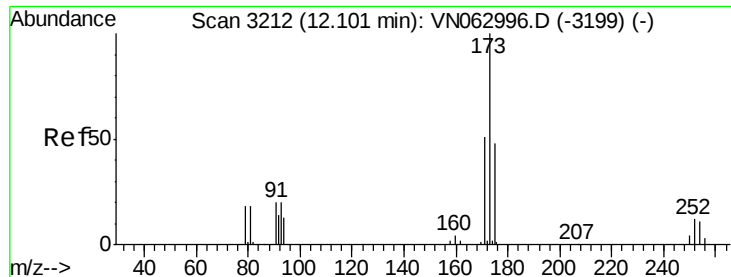
#70
Styrene
Concen: 46.296 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN063145.D
Acq: 26 Aug 2020 20:11

Tgt Ion:104 Resp: 300099
Ion Ratio Lower Upper
104 100
78 48.3 39.0 58.6
103 54.8 44.3 66.5



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





#71

Bromoform

Concen: 48.194 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. 0.00 min

Lab File: VN063145.D

Acq: 26 Aug 2020 20:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

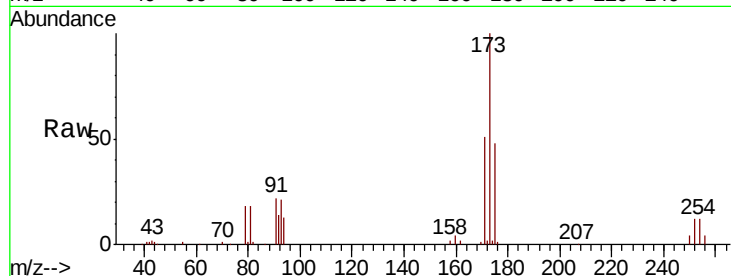
Tot Ion:173 Resp: 81077

Ion Ratio Lower Upper

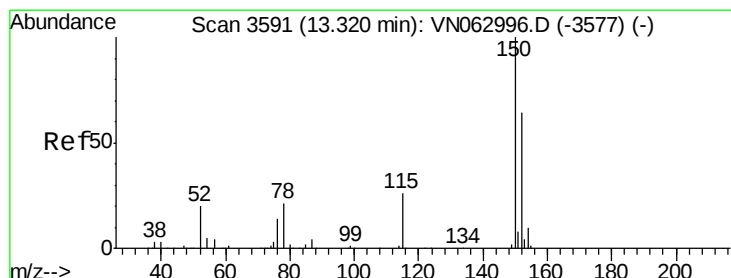
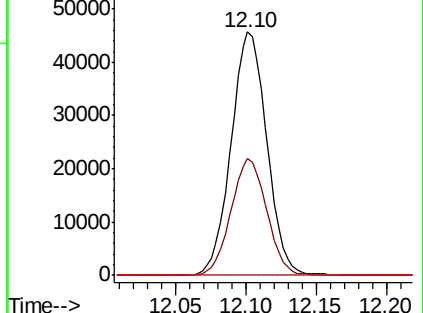
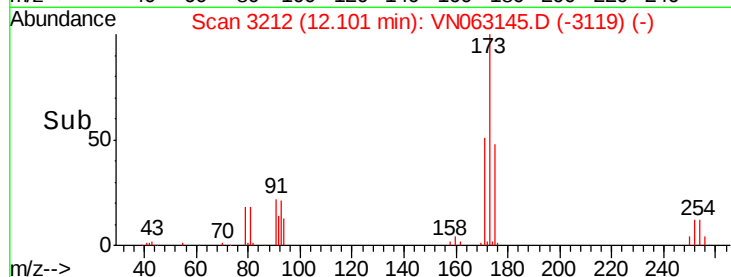
173 100

175 47.9 24.3 72.8

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN063145.D

Acq: 26 Aug 2020 20:11

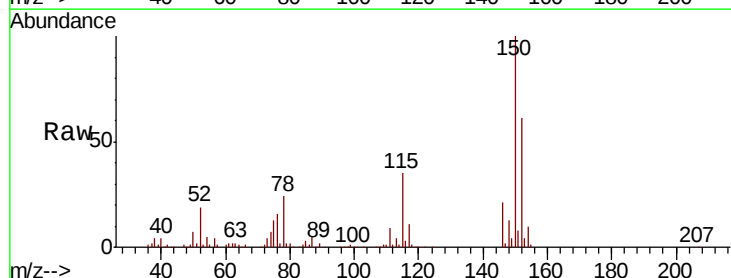
Tgt Ion:152 Resp: 135142

Ion Ratio Lower Upper

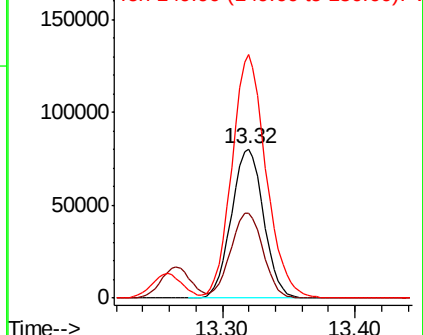
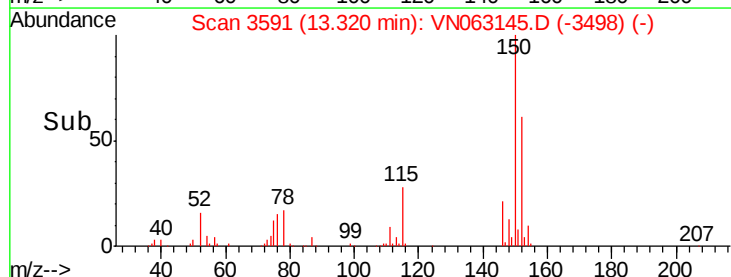
152 100

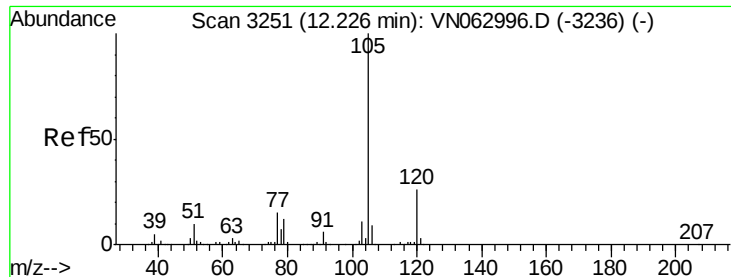
115 58.0 28.7 86.3

150 172.6 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: 47.069 ug/l

RT: 12.23 min Scan# 3251

Delta R.T. 0.00 min

Lab File: VN063145.D

Acq: 26 Aug 2020 20:11

Instrument :

MSVOA_N

ClientSampleId :

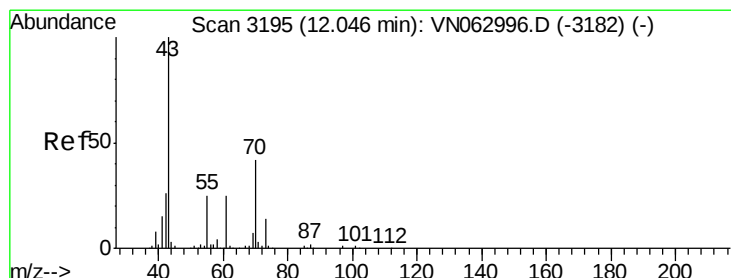
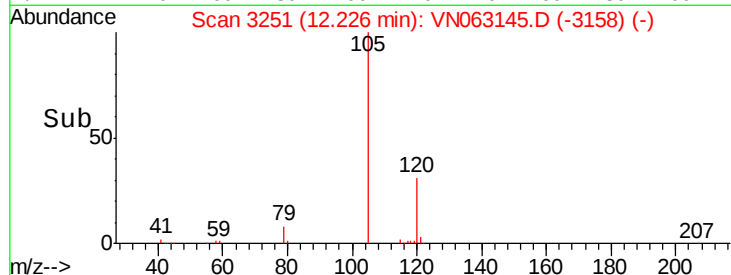
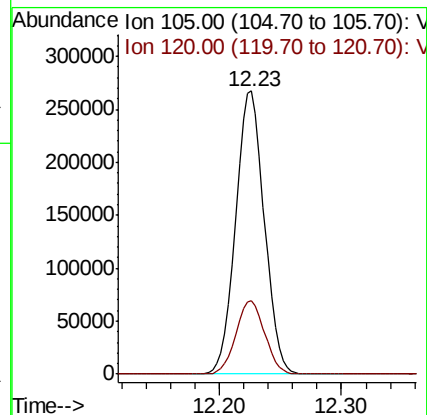
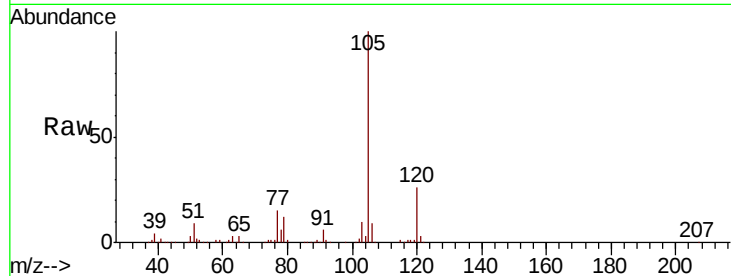
VSTDCCC050EC

Tot Ion:105 Resp: 435598

Ion Ratio Lower Upper

105 100

120 26.2 13.2 39.6



#74

N-ethyl acetate

Concen: 50.457 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN063145.D

Acq: 26 Aug 2020 20:11

Tgt Ion: 43 Resp: 167240

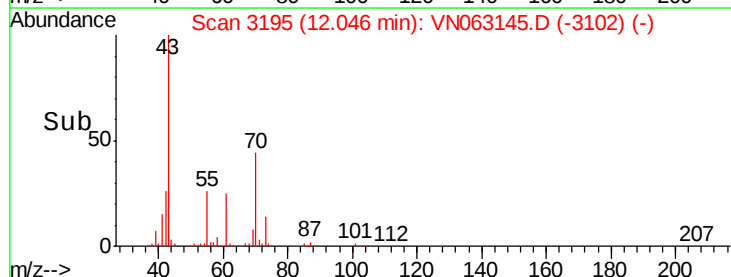
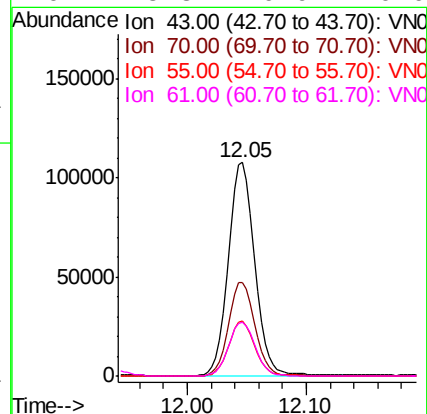
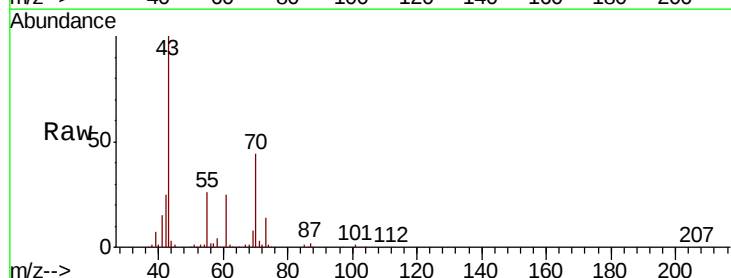
Ion Ratio Lower Upper

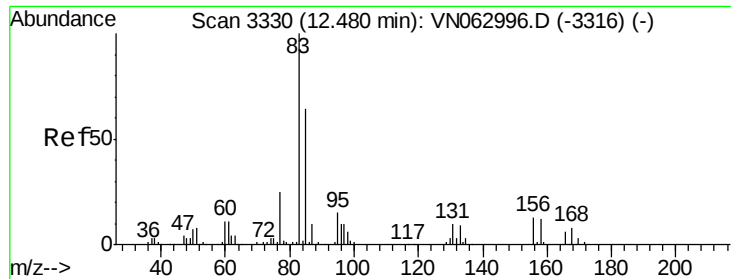
43 100

70 43.8 33.4 50.0

55 25.5 20.2 30.2

61 25.3 19.9 29.9





#75

1,1,2,2-Tetrachloroethane

Concen: 46.246 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN063145.D

Acq: 26 Aug 2020 20:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

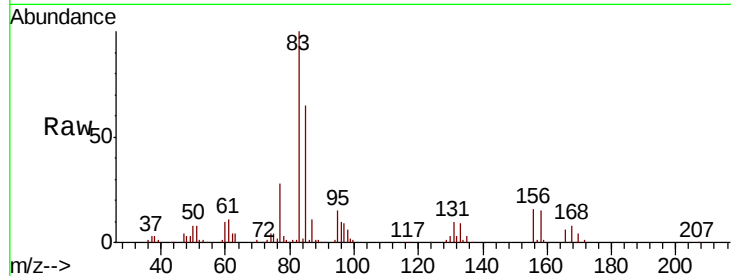
Tot Ion: 83 Resp: 138483

Ion Ratio Lower Upper

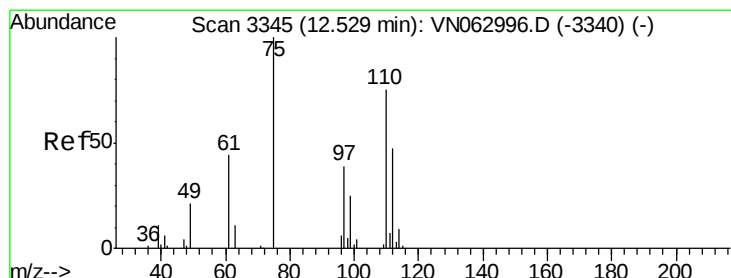
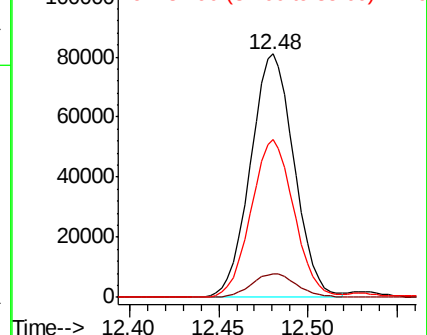
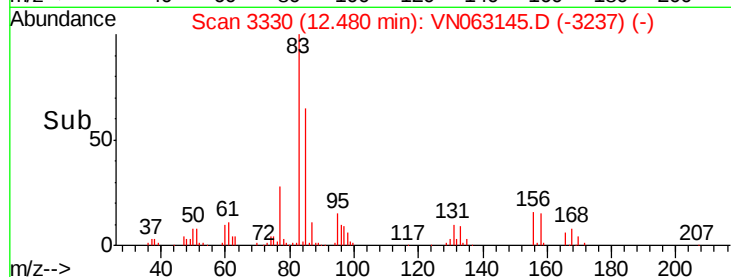
83 100

131 10.0 4.9 14.7

85 63.8 31.9 95.5



Abundance Ion 82.90 (82.60 to 83.60): VN063145.D (-3237) (-)



#76

1,2,3-Trichloropropane

Concen: 66.781 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN063145.D

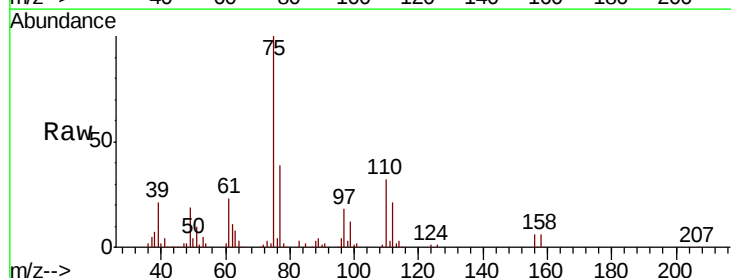
Acq: 26 Aug 2020 20:11

Tgt Ion: 75 Resp: 175423

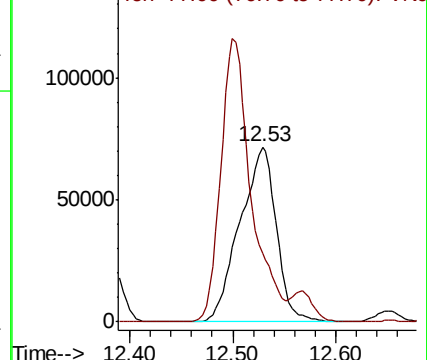
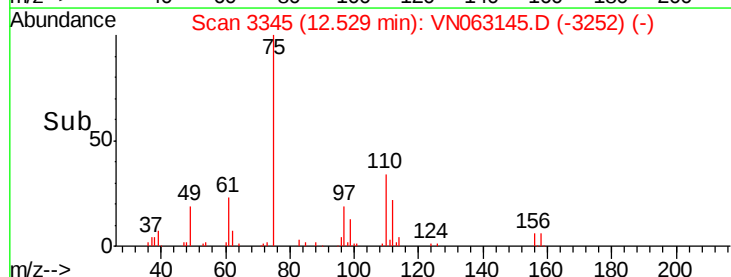
Ion Ratio Lower Upper

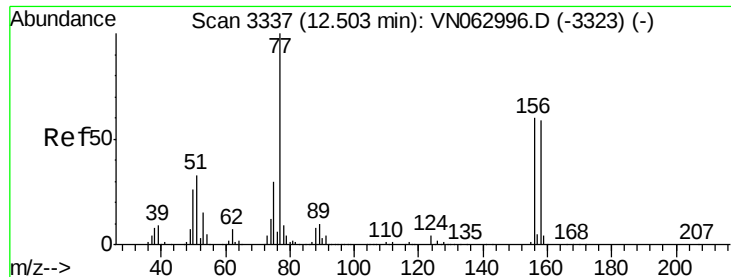
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN063145.D (-3252) (-)





#77

Bromobenzene

Concen: 46.297 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN063145.D

Acq: 26 Aug 2020 20:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

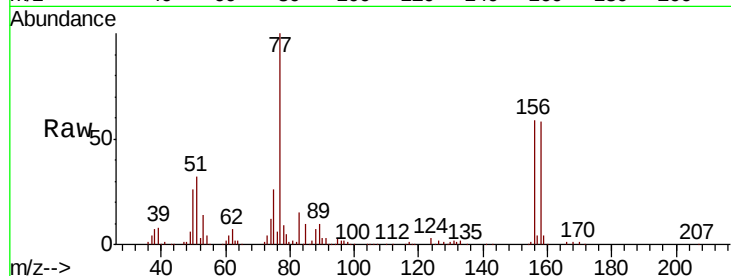
Tot Ion:156 Resp: 117839

Ion Ratio Lower Upper

156 100

77 200.8 101.0 302.9

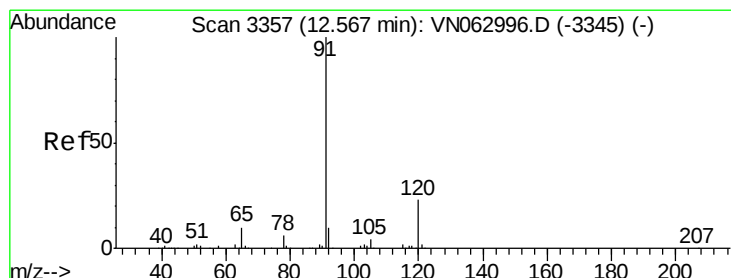
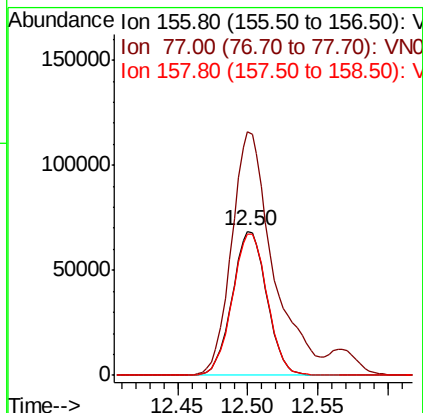
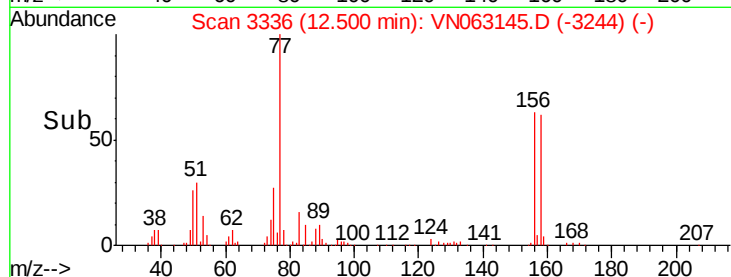
158 99.0 49.4 148.0



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: 47.723 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN063145.D

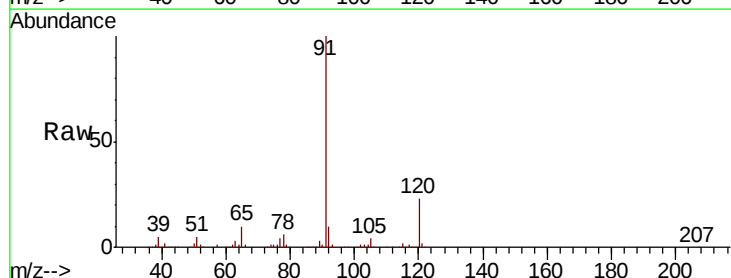
Acq: 26 Aug 2020 20:11

Tgt Ion: 91 Resp: 503413

Ion Ratio Lower Upper

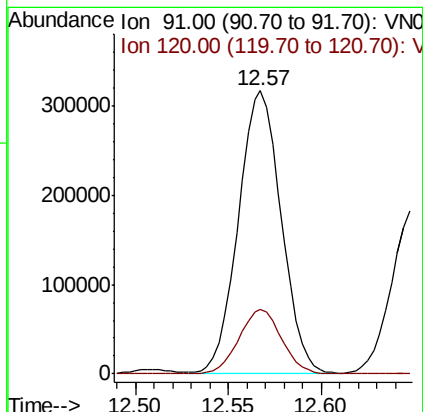
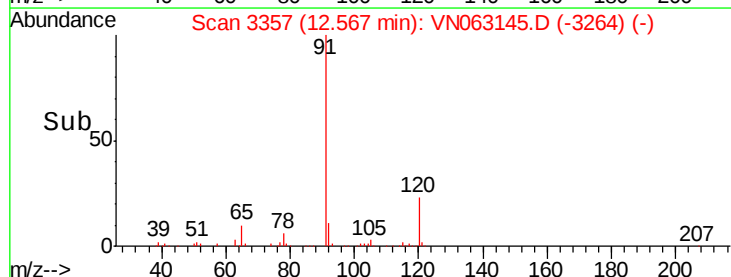
91 100

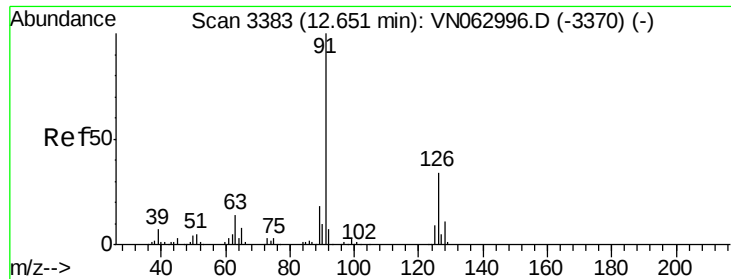
120 22.8 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

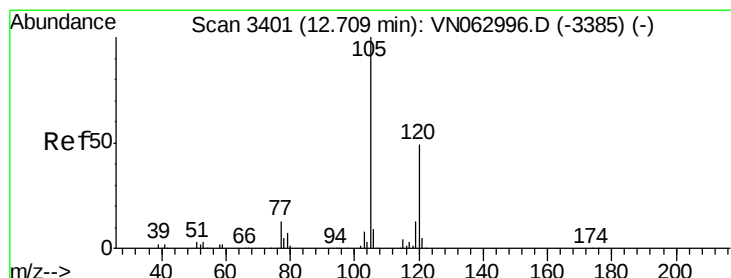
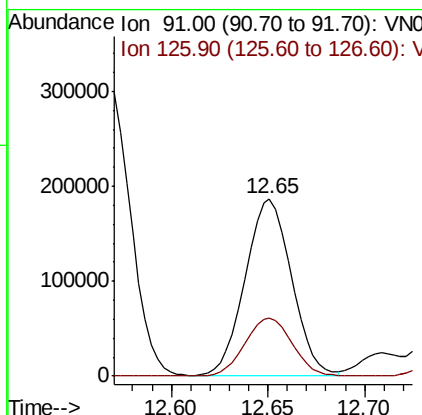
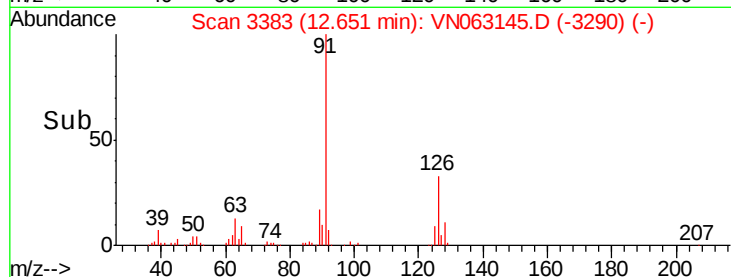
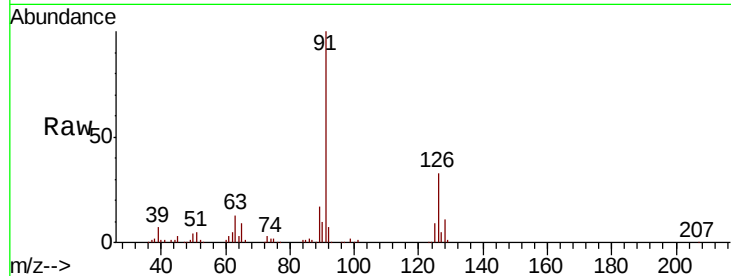




#79
 2-Chlorotoluene
 Concen: 46.662 ug/l
 RT: 12.65 min Scan# 3383
 Delta R.T. 0.00 min
 Lab File: VN063145.D
 Acq: 26 Aug 2020 20:11

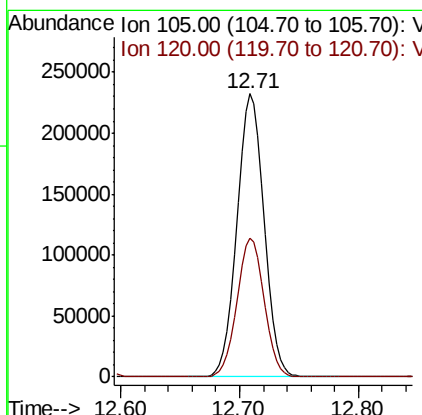
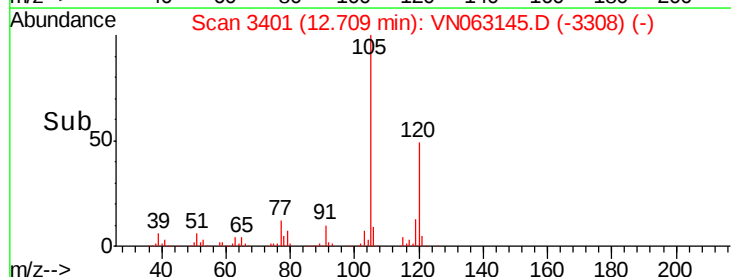
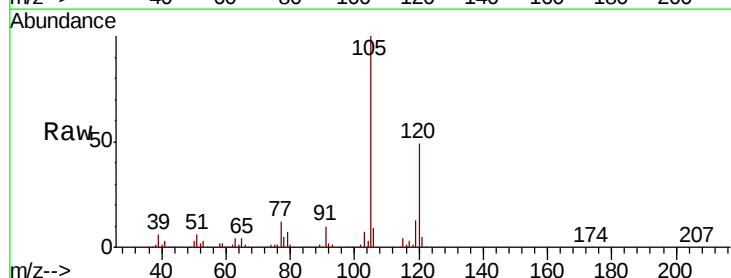
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

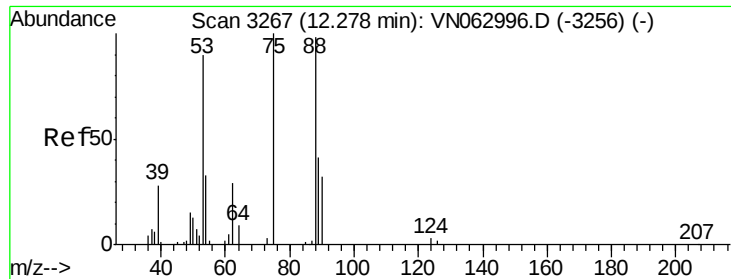
Tot Ion: 91 Resp: 309599
 Ion Ratio Lower Upper
 91 100
 126 33.7 17.1 51.2



#80
 1,3,5-Trimethylbenzene
 Concen: 47.911 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. 0.00 min
 Lab File: VN063145.D
 Acq: 26 Aug 2020 20:11

Tgt Ion: 105 Resp: 366534
 Ion Ratio Lower Upper
 105 100
 120 49.1 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 48.235 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN063145.D

Acq: 26 Aug 2020 20:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

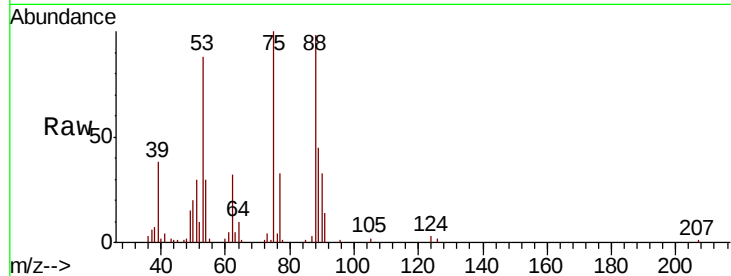
Tot Ion: 75 Resp: 46135

Ion Ratio Lower Upper

75 100

53 87.7 69.2 103.8

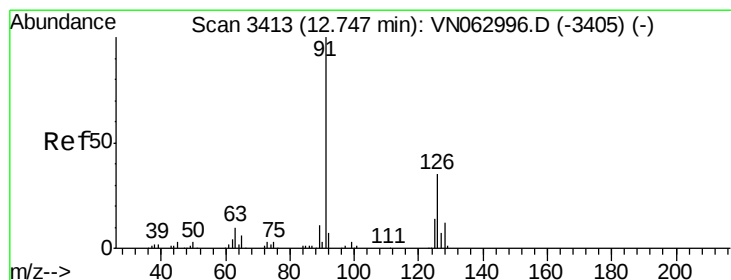
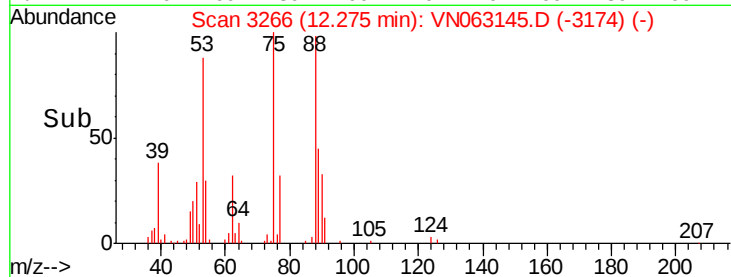
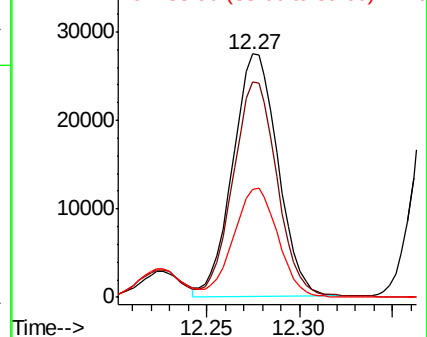
89 44.8 34.2 51.4



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 48.378 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN063145.D

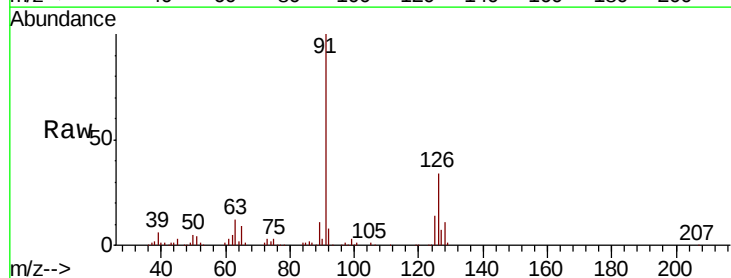
Acq: 26 Aug 2020 20:11

Tgt Ion: 91 Resp: 326847

Ion Ratio Lower Upper

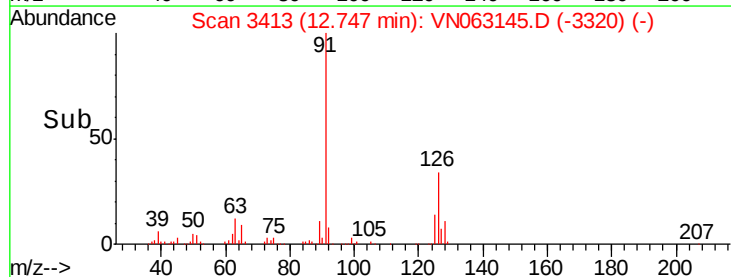
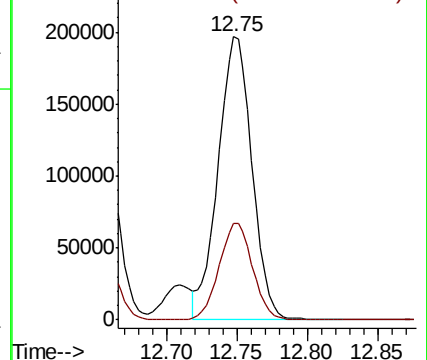
91 100

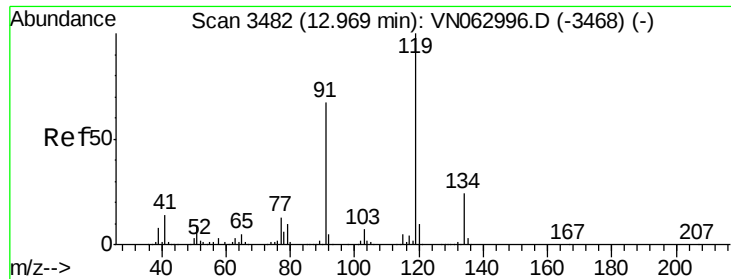
126 33.9 16.5 49.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

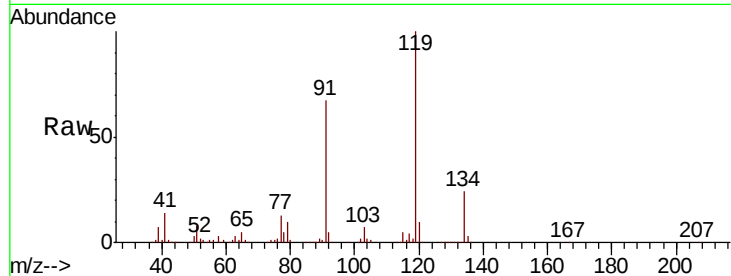




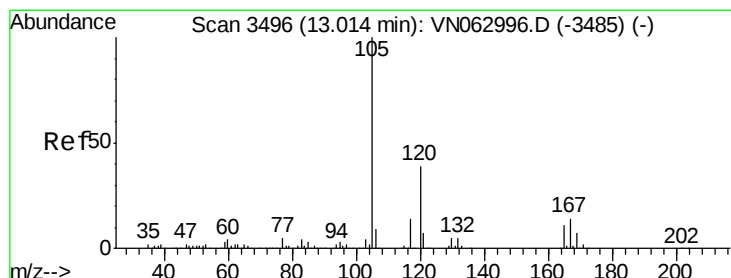
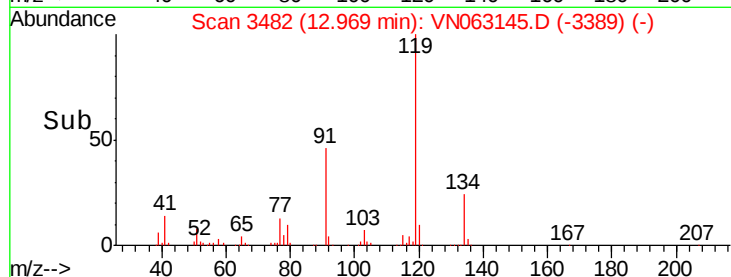
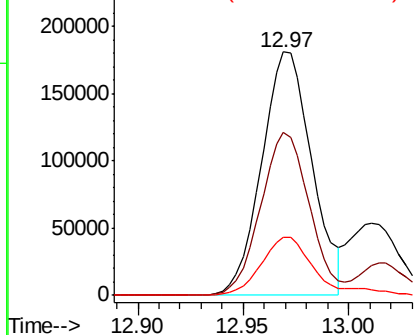
#83
tert-Butylbenzene
Concen: 45.485 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. 0.00 min
Lab File: VN063145.D
Acq: 26 Aug 2020 20:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	65.0	32.5	97.4
134	25.6	13.1	39.3

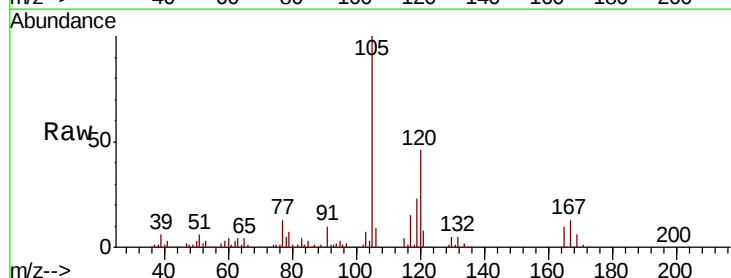


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

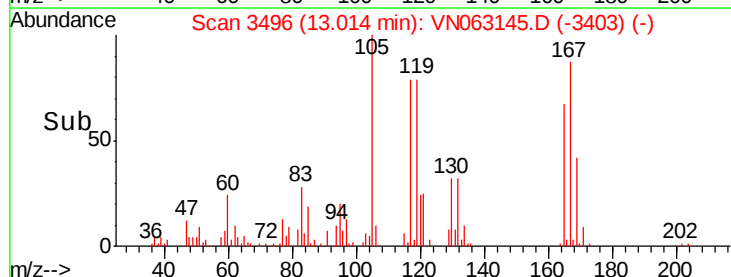
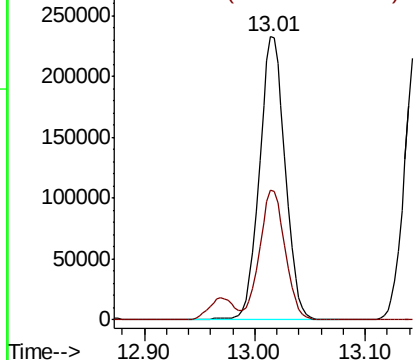


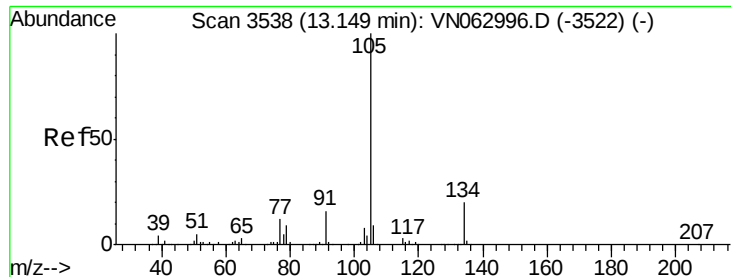
#84
1,2,4-Trimethylbenzene
Concen: 50.461 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. 0.00 min
Lab File: VN063145.D
Acq: 26 Aug 2020 20:11

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.3	22.5	67.5



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 43.626 ug/l

RT: 13.15 min Scan# 3538

Delta R.T. 0.00 min

Lab File: VN063145.D

Acq: 26 Aug 2020 20:11

Instrument :

MSVOA_N

ClientSampleId :

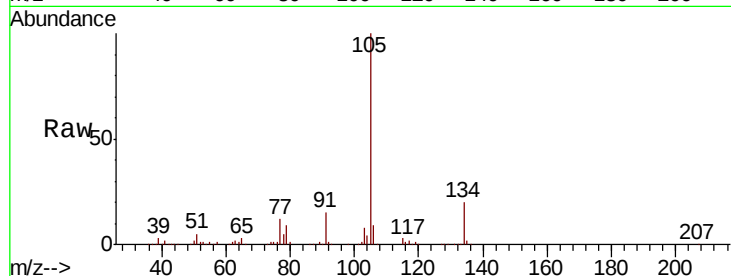
VSTDCCC050EC

Tot Ion:105 Resp: 389312

Ion Ratio Lower Upper

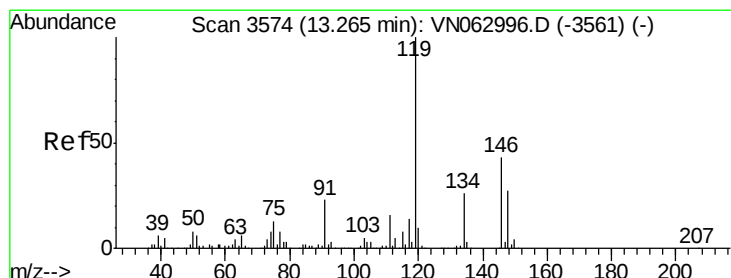
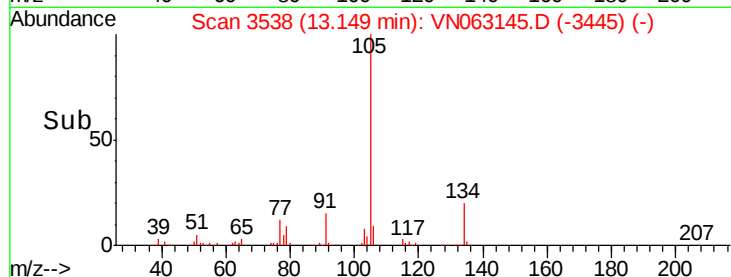
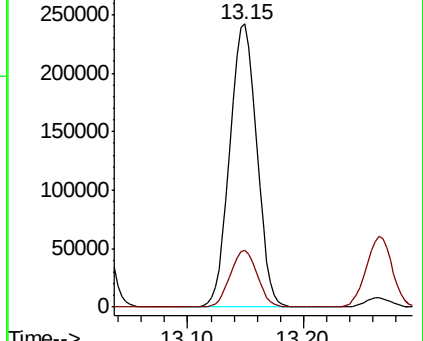
105 100

134 20.0 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: 45.917 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. 0.00 min

Lab File: VN063145.D

Acq: 26 Aug 2020 20:11

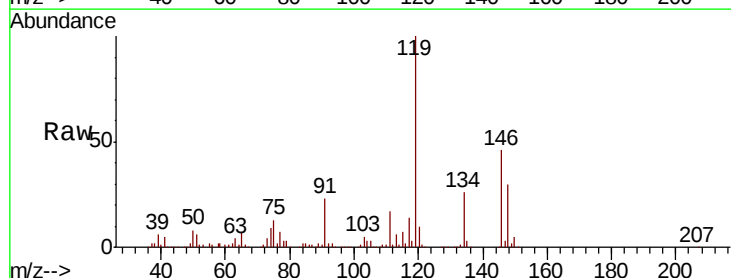
Tgt Ion:119 Resp: 357031

Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.3

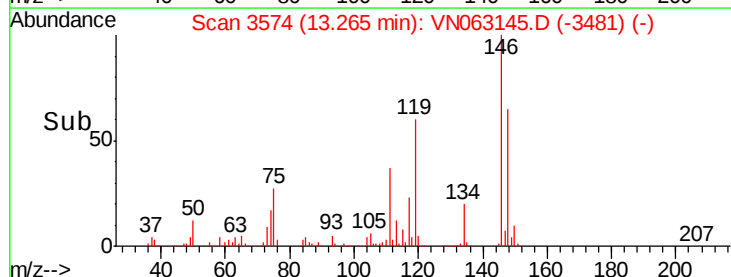
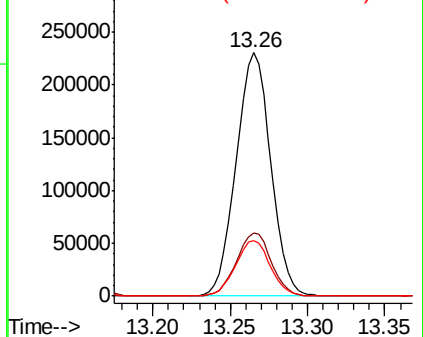
91 23.1 11.5 34.4

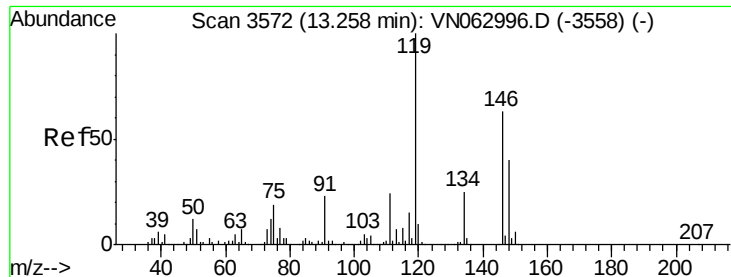


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

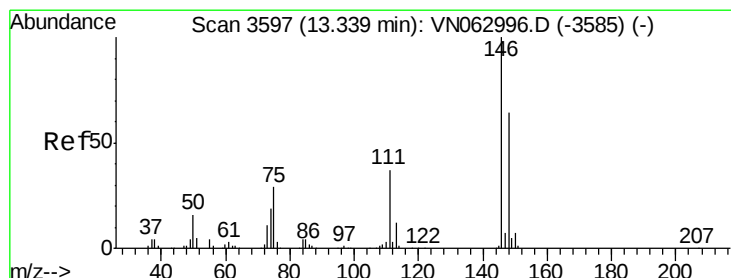
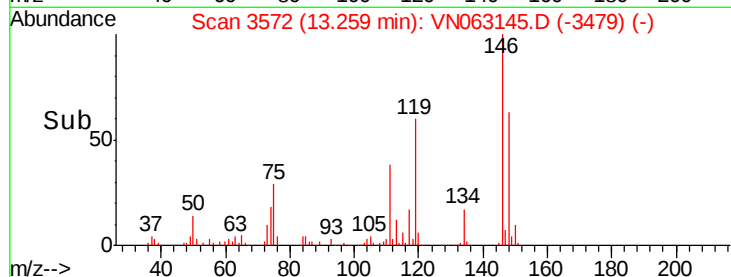
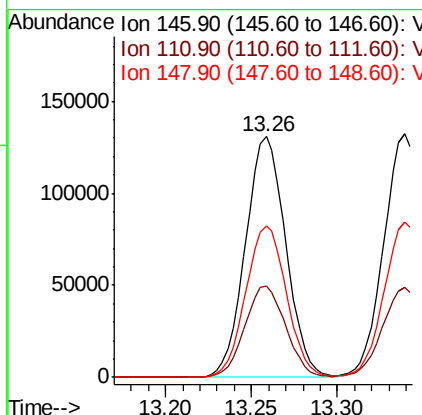
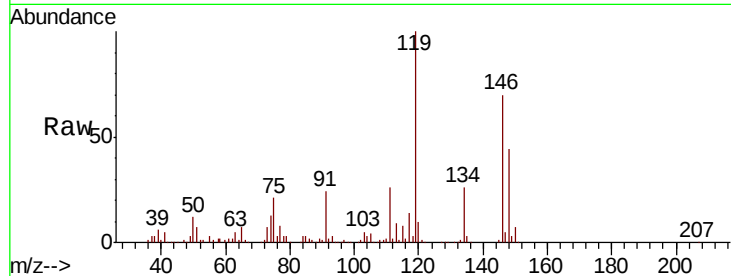




#87
 1,3-Dichlorobenzene
 Concen: 48.760 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VN063145.D
 Acq: 26 Aug 2020 20:11

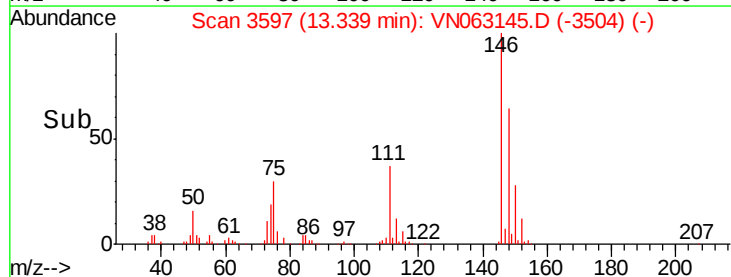
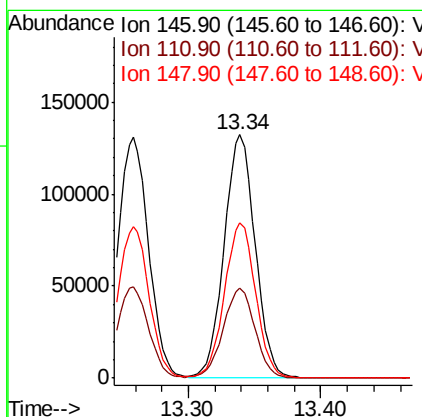
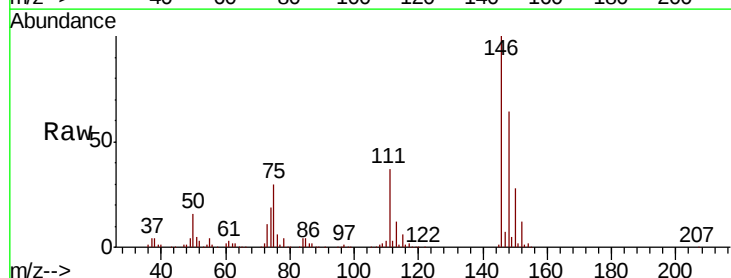
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

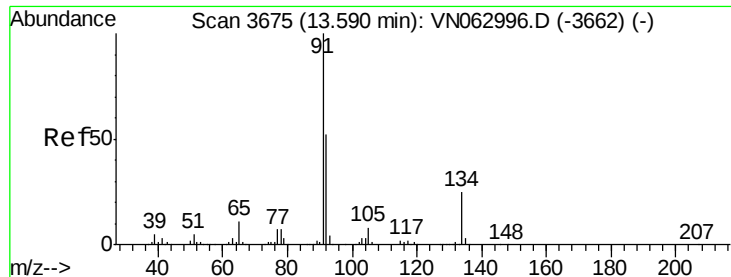
Tot Ion:146 Resp: 213290
 Ion Ratio Lower Upper
 146 100
 111 38.5 19.4 58.1
 148 63.5 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 48.266 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN063145.D
 Acq: 26 Aug 2020 20:11

Tgt Ion:146 Resp: 214288
 Ion Ratio Lower Upper
 146 100
 111 37.8 18.8 56.4
 148 64.6 32.4 97.0

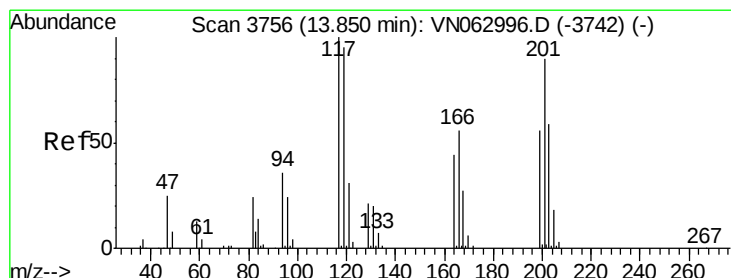
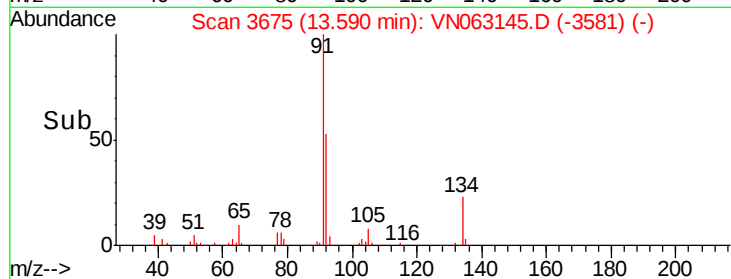
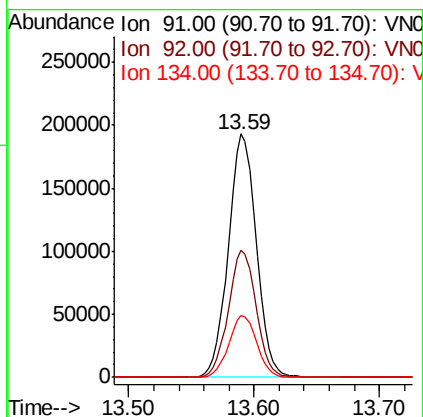
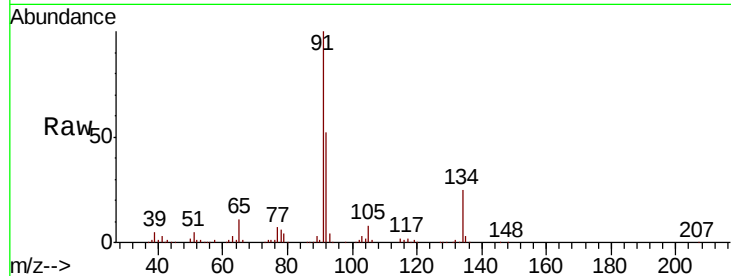




#89
n-Butylbenzene
Concen: 41.170 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. 0.00 min
Lab File: VN063145.D
Acq: 26 Aug 2020 20:11

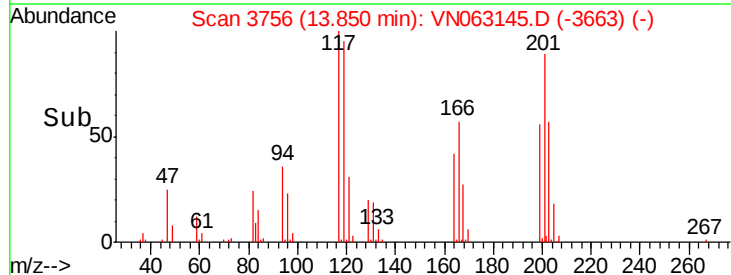
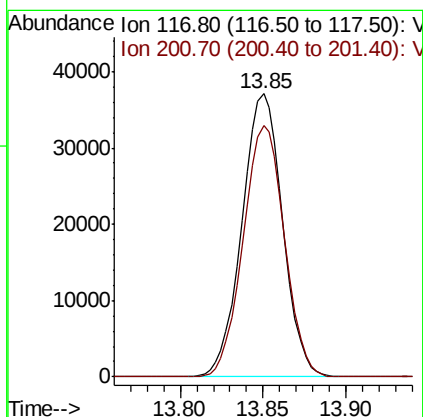
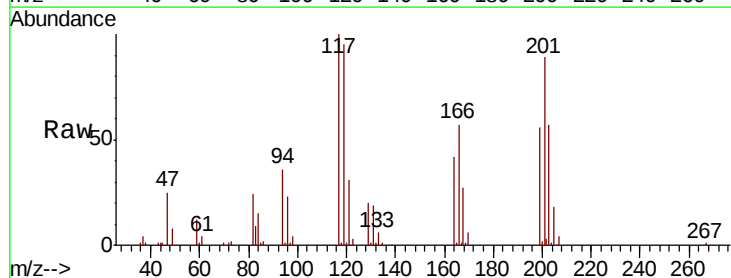
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

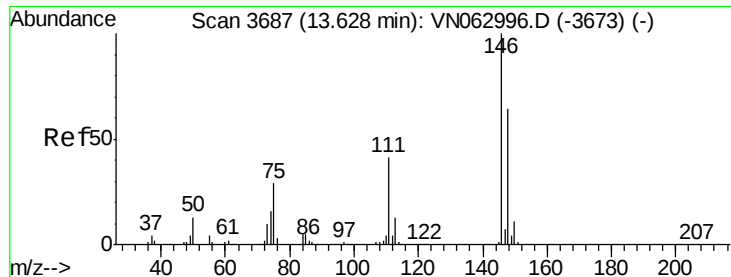
Tot Ion: 91 Resp: 299587
Ion Ratio Lower Upper
91 100
92 51.8 25.9 77.6
134 25.3 12.4 37.0



#90
Hexachloroethane
Concen: 38.344 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. 0.00 min
Lab File: VN063145.D
Acq: 26 Aug 2020 20:11

Tgt Ion: 117 Resp: 63371
Ion Ratio Lower Upper
117 100
201 89.8 44.1 132.4





#91

1,2-Dichlorobenzene

Concen: 49.909 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. 0.00 min

Lab File: VN063145.D

Acq: 26 Aug 2020 20:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

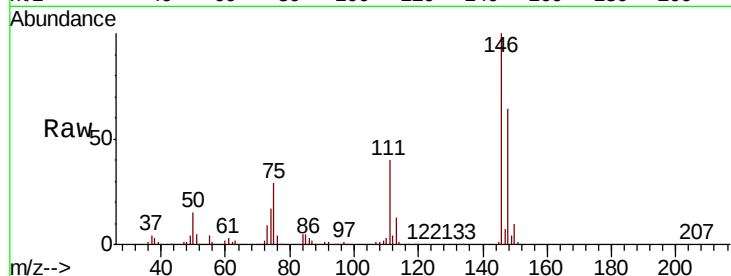
Tot Ion:146 Resp: 210883

Ion Ratio Lower Upper

146 100

111 39.9 20.2 60.5

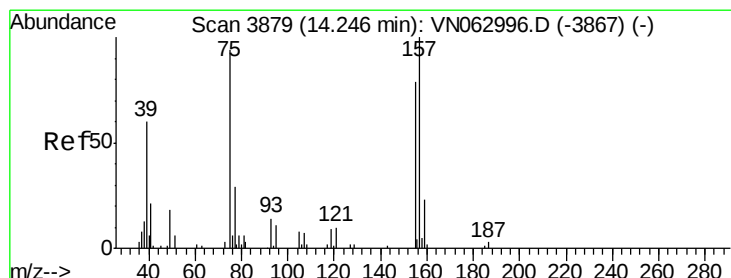
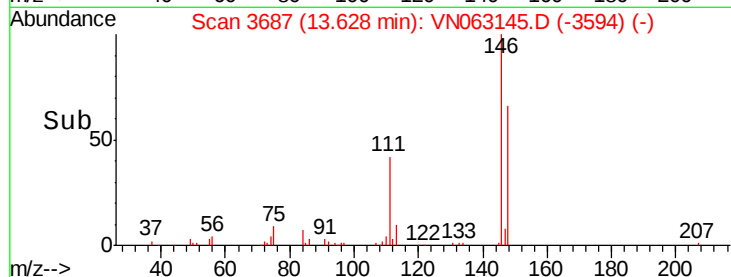
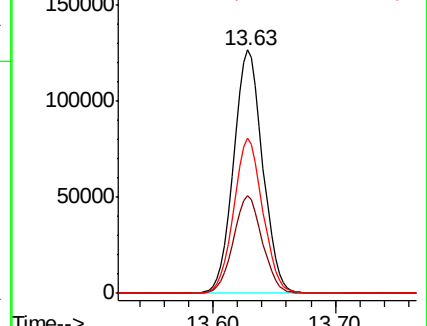
148 63.7 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 54.628 ug/l

RT: 14.25 min Scan# 3879

Delta R.T. 0.00 min

Lab File: VN063145.D

Acq: 26 Aug 2020 20:11

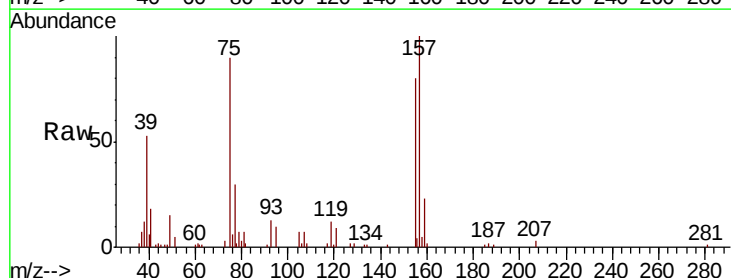
Tgt Ion: 75 Resp: 25461

Ion Ratio Lower Upper

75 100

155 84.6 42.4 127.1

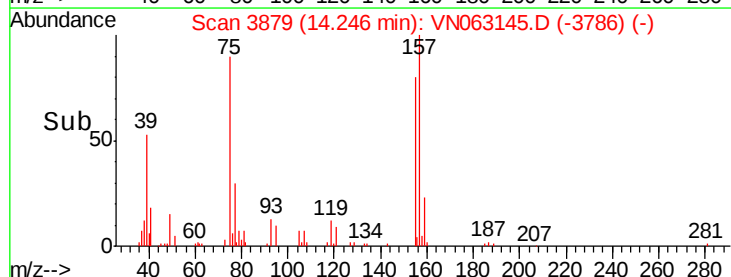
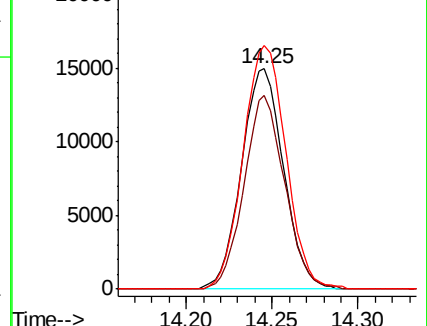
157 112.3 55.2 165.6

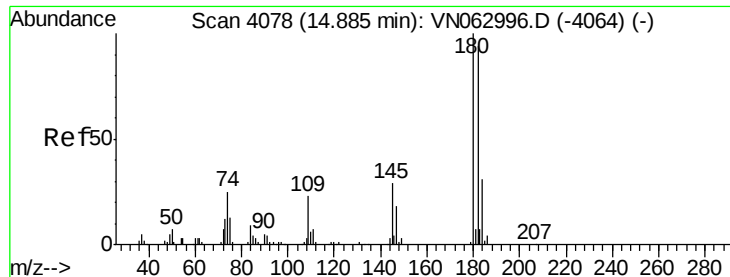


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

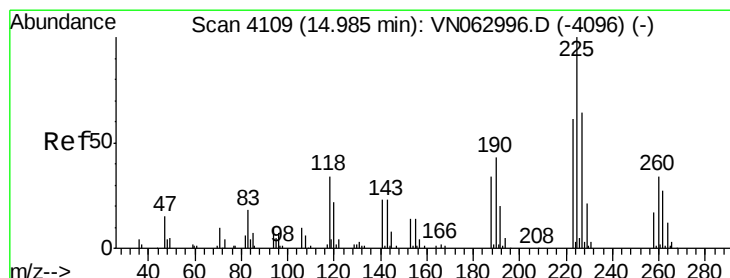
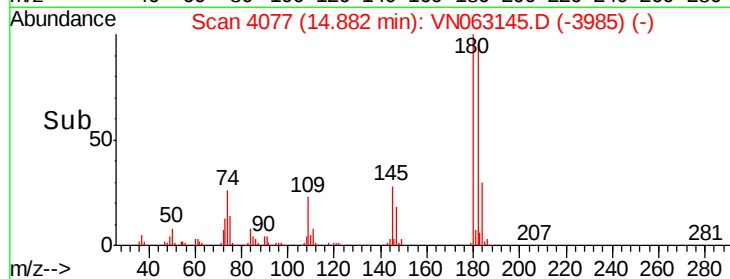
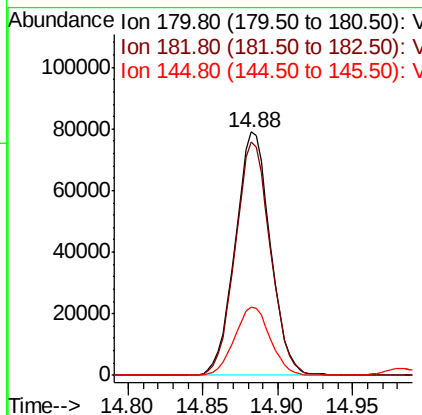
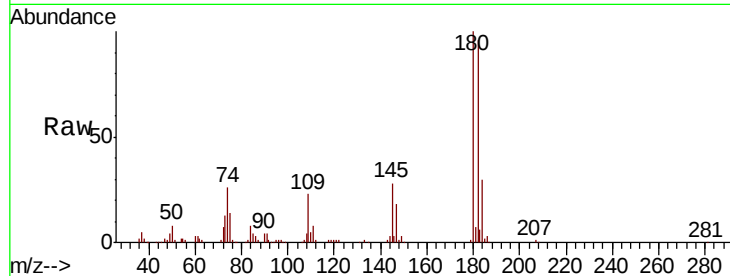




#93
 1,2,4-Trichlorobenzene
 Concen: 54.631 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN063145.D
 Acq: 26 Aug 2020 20:11

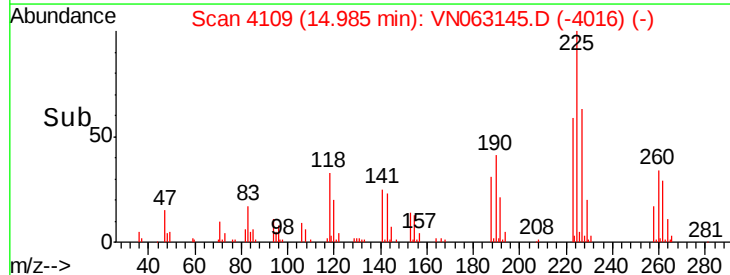
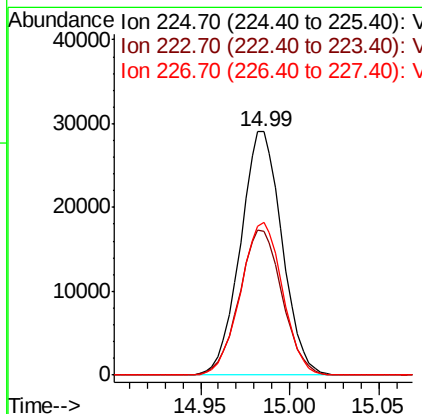
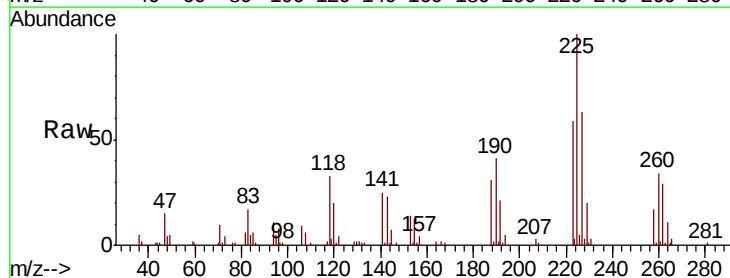
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

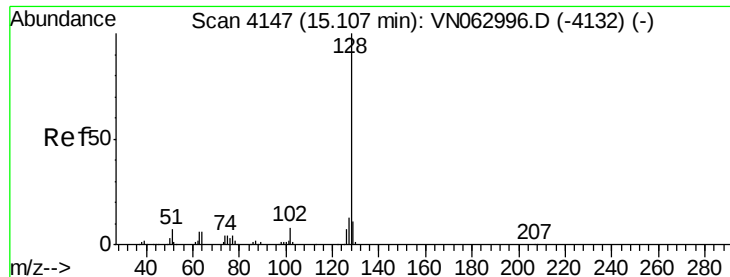
Tot Ion:180 Resp: 129038
 Ion Ratio Lower Upper
 180 100
 182 96.1 47.0 141.2
 145 28.5 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 30.278 ug/l
 RT: 14.99 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN063145.D
 Acq: 26 Aug 2020 20:11

Tgt Ion:225 Resp: 47275
 Ion Ratio Lower Upper
 225 100
 223 61.3 30.9 92.5
 227 63.2 31.9 95.9

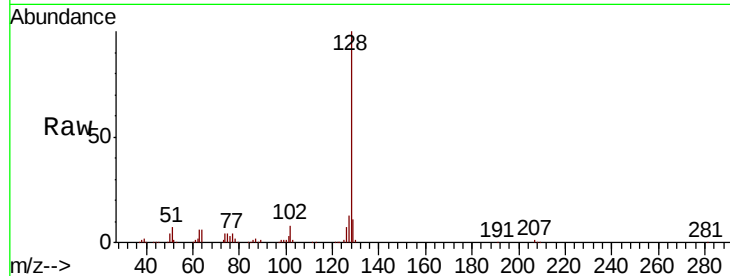




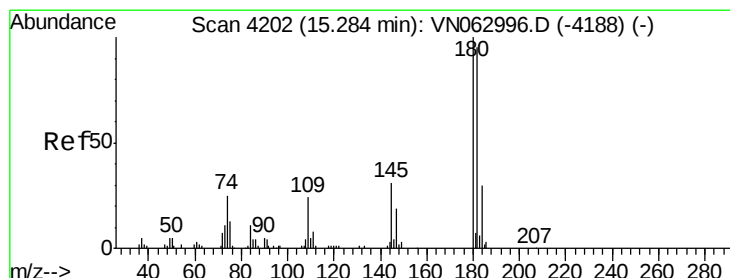
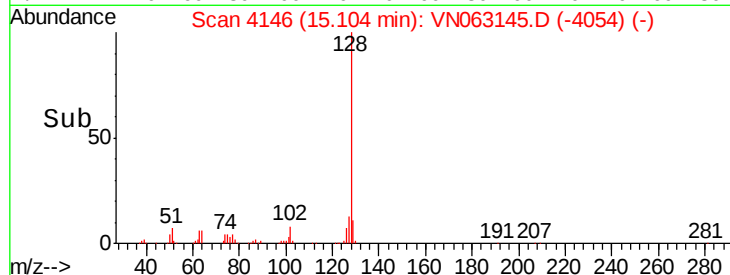
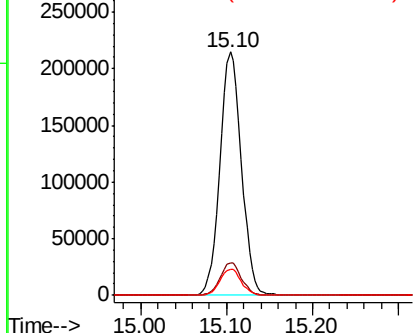
#95
Naphthalene
Concen: 67.053 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. -0.00 min
Lab File: VN063145.D
Acq: 26 Aug 2020 20:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 373252
Ion Ratio Lower Upper
128 100
127 13.2 10.6 16.0
129 10.8 8.9 13.3

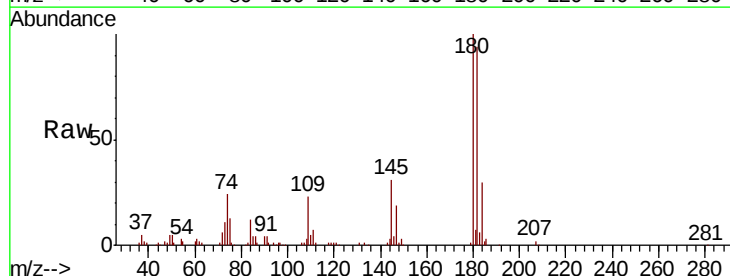


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 55.024 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. 0.00 min
Lab File: VN063145.D
Acq: 26 Aug 2020 20:11

Tgt Ion:180 Resp: 127328
Ion Ratio Lower Upper
180 100
182 94.8 47.3 141.9
145 29.8 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

