

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062620\
 Data File : VX016969.D
 Acq On : 26 Jun 2020 09:26
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 27 02:56:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062620W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 26 08:34:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	240433	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	403165	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	368256	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	187700	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	165736	45.65	ug/l	0.00
Spiked Amount			Recovery	=	91.30%	
35) Dibromofluoromethane	5.46	113	122673	46.07	ug/l	0.00
Spiked Amount			Recovery	=	92.14%	
50) Toluene-d8	8.70	98	458664	46.99	ug/l	0.00
Spiked Amount			Recovery	=	93.98%	
62) 4-Bromofluorobenzene	11.12	95	176814	46.85	ug/l	0.00
Spiked Amount			Recovery	=	93.70%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	102213	44.606	ug/l	100
3) Chloromethane	1.31	50	142016	48.212	ug/l	97
4) Vinyl Chloride	1.39	62	137571	45.599	ug/l	98
5) Bromomethane	1.62	94	90403	44.182	ug/l	99
6) Chloroethane	1.71	64	89705	43.810	ug/l	99
7) Trichlorofluoromethane	1.92	101	232406	47.223	ug/l	97
8) Diethyl Ether	2.17	74	79954	42.175	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	122457	46.486	ug/l	100
10) Methyl Iodide	2.49	142	154452	46.935	ug/l	98
11) Tert butyl alcohol	3.01	59	148448	216.566	ug/l	100
12) 1,1-Dichloroethene	2.36	96	117282	44.008	ug/l	96
13) Acrolein	2.27	56	125693	247.400	ug/l	99
14) Allyl chloride	2.70	41	236812	47.724	ug/l	99
15) Acrylonitrile	3.11	53	345507	217.093	ug/l	100
16) Acetone	2.42	43	289461	203.950	ug/l	98
17) Carbon Disulfide	2.55	76	379798	44.944	ug/l	100
18) Methyl Acetate	2.75	43	150391	43.556	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	433605	46.550	ug/l	100
20) Methylene Chloride	2.83	84	139415	43.212	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	136097	45.200	ug/l	97
22) Diisopropyl ether	3.82	45	456784	46.955	ug/l	95
23) Vinyl Acetate	3.78	43	1996046	234.448	ug/l	99
24) 1,1-Dichloroethane	3.67	63	247537	45.362	ug/l	98
25) 2-Butanone	4.63	43	467762	216.246	ug/l	100
26) 2,2-Dichloropropane	4.54	77	225956	51.189	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	148324	44.578	ug/l	99
28) Bromochloromethane	4.98	49	108713	42.633	ug/l	98
29) Tetrahydrofuran	5.08	42	314733	221.332	ug/l	99
30) Chloroform	5.17	83	248466	45.336	ug/l	100
31) Cyclohexane	5.55	56	219190	48.084	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	226724	46.176	ug/l	99
36) 1,1-Dichloropropene	5.76	75	189395	47.444	ug/l	100
37) Ethyl Acetate	4.79	43	191632	44.668	ug/l	99
38) Carbon Tetrachloride	5.75	117	204853	48.487	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	217444	50.336	ug/l	97
40) Benzene	6.11	78	534690	46.510	ug/l	99
41) Methacrylonitrile	5.00	41	105607	44.175	ug/l	99
42) 1,2-Dichloroethane	6.16	62	211216	46.762	ug/l	99
43) Isopropyl Acetate	6.41	43	328745	45.549	ug/l	100
44) Trichloroethene	7.18	130	144139	47.099	ug/l	95
45) 1,2-Dichloropropane	7.49	63	139342	45.338	ug/l	99
46) Dibromomethane	7.63	93	95808	45.887	ug/l	99
47) Bromodichloromethane	7.87	83	202581	46.389	ug/l	99
48) Methyl methacrylate	7.74	41	159914	47.448	ug/l	100
49) 1,4-Dioxane	7.71	88	64322	917.518	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	954873	231.169	ug/l	100
52) Toluene	8.76	92	334475	47.204	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	226901	48.519	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	237328	48.276	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	134690	46.261	ug/l	99
56) Ethyl methacrylate	9.16	69	209345	47.976	ug/l	99
57) 1,3-Dichloropropane	9.35	76	231898	46.527	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	539701	239.397	ug/l	100
59) 2-Hexanone	9.47	43	722302	232.446	ug/l	99
60) Dibromochloromethane	9.56	129	154494	46.549	ug/l	98
61) 1,2-Dibromoethane	9.65	107	141223	45.429	ug/l	99
64) Tetrachloroethene	9.32	164	127093	50.984	ug/l	98
65) Chlorobenzene	10.12	112	356156	47.293	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	137203	49.022	ug/l	99
67) Ethyl Benzene	10.23	91	656463	49.657	ug/l	100
68) m/p-Xylenes	10.34	106	488960	99.559	ug/l	99
69) o-Xylene	10.68	106	231338	49.373	ug/l	100
70) Styrene	10.70	104	406374	50.913	ug/l	99
71) Bromoform	10.84	173	106757	47.973	ug/l #	98
73) Isopropylbenzene	11.00	105	635213	49.151	ug/l	100
74) N-amyl acetate	10.88	43	295808	48.537	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	192951	44.365	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	241567	61.326	ug/l	85
77) Bromobenzene	11.24	156	154035	45.971	ug/l	98
78) n-propylbenzene	11.34	91	760030	49.826	ug/l	99
79) 2-Chlorotoluene	11.40	91	448952	48.945	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	546413	50.869	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	73293	47.239	ug/l	95
82) 4-Chlorotoluene	11.49	91	539114	49.938	ug/l	99
83) tert-Butylbenzene	11.76	119	518274	49.539	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	555953	51.168	ug/l	99
85) sec-Butylbenzene	11.93	105	622675	51.049	ug/l	99
86) p-Isopropyltoluene	12.05	119	575089	51.602	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	277066	46.071	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	281879	45.913	ug/l	99
89) n-Butylbenzene	12.37	91	535043	51.003	ug/l	99
90) Hexachloroethane	12.58	117	109756	47.505	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	265834	46.625	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	44369	44.584	ug/l	98

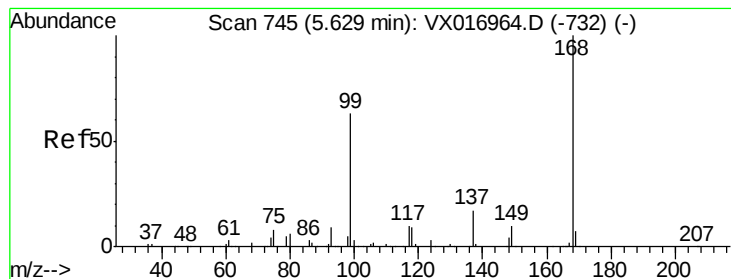
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	174658	47.011	ug/l	97
94) Hexachlorobutadiene	13.77	225	67587	50.635	ug/l	98
95) Naphthalene	13.82	128	579465	47.461	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	170610	47.882	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

Instrument :

MSVOA_X

ClientSampleId :

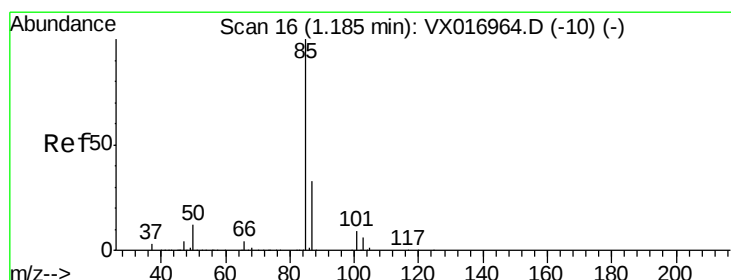
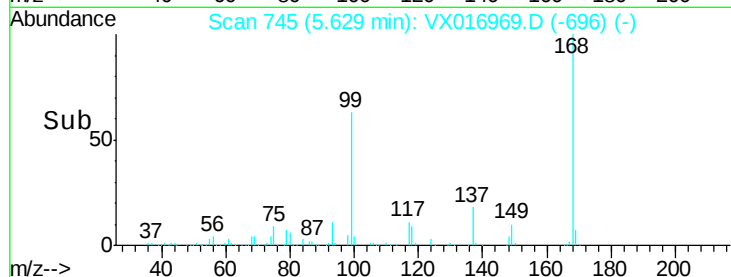
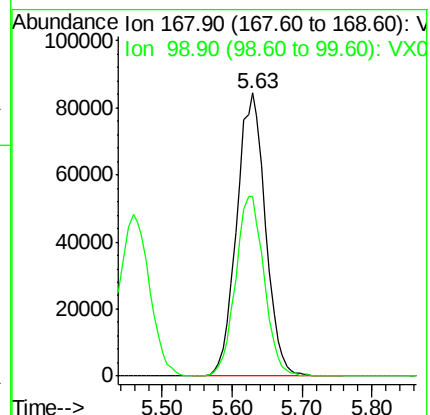
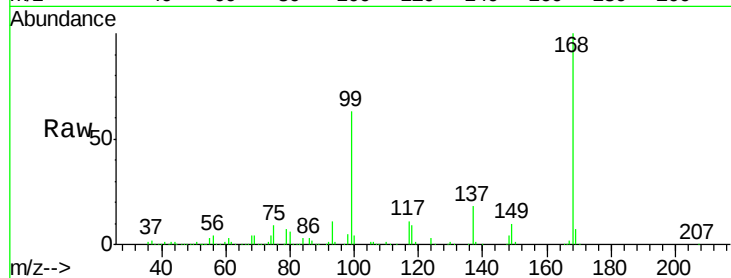
VSTDCCC050

Tot Ion:168 Resp: 240433

Ion Ratio Lower Upper

168 100

99 63.1 50.2 75.2



#2

Dichlorodifluoromethane

Concen: 44.606 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016969.D

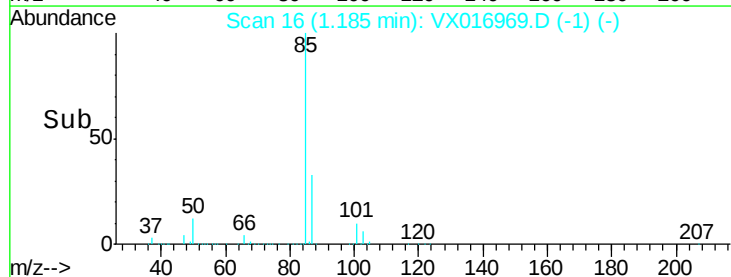
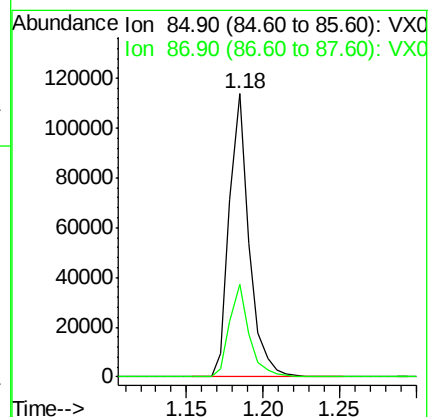
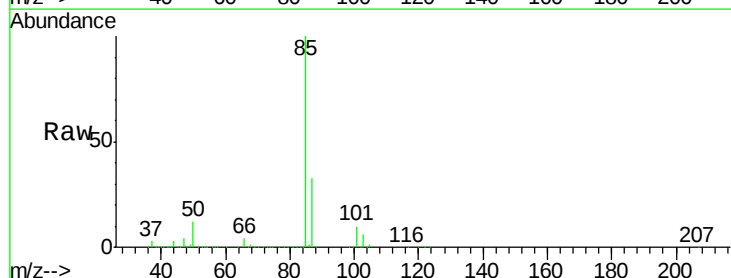
Acq: 26 Jun 2020 09:26

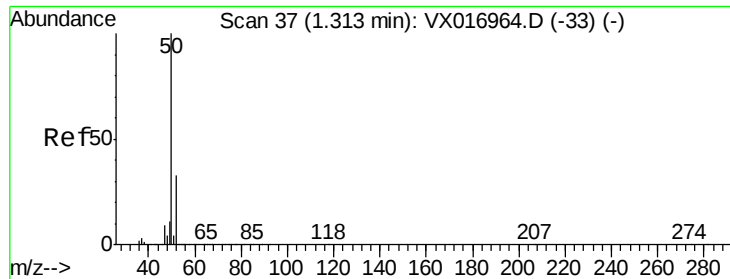
Tgt Ion: 85 Resp: 102213

Ion Ratio Lower Upper

85 100

87 32.6 16.3 48.9





#3

Chloromethane

Concen: 48.212 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

Instrument :

MSVOA_X

ClientSampleId :

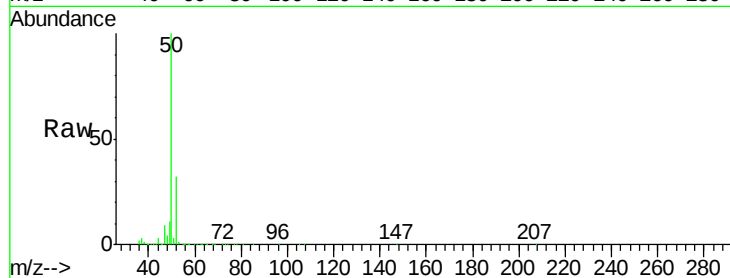
VSTDCCC050

Tot Ion: 50 Resp: 142016

Ion Ratio Lower Upper

50 100

52 31.9 26.6 40.0



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

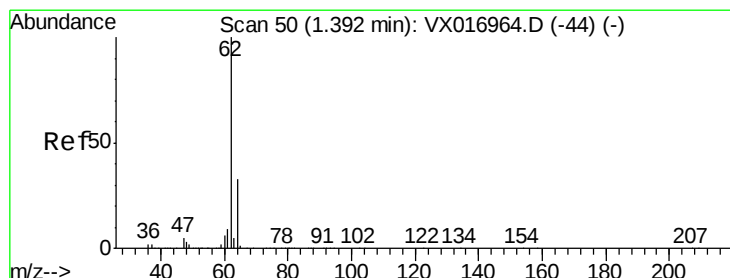
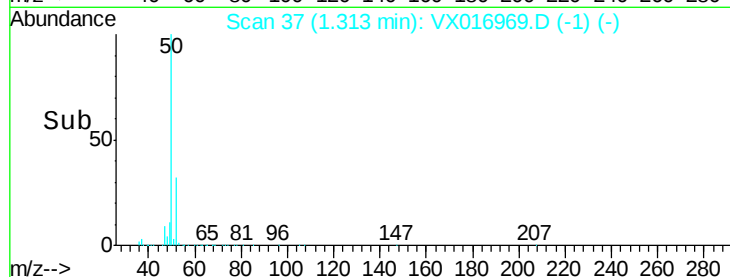
150000

100000

50000

0

Time--> 1.25 1.30 1.35 1.40



#4

Vinyl Chloride

Concen: 45.599 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016969.D

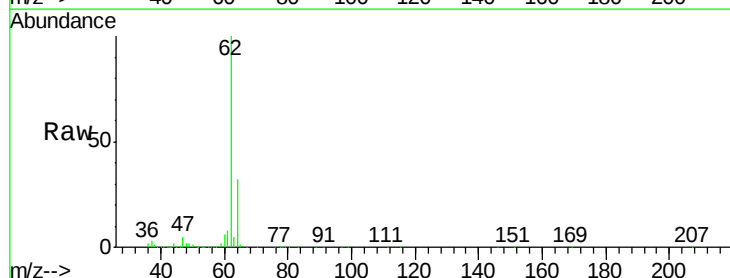
Acq: 26 Jun 2020 09:26

Tgt Ion: 62 Resp: 137571

Ion Ratio Lower Upper

62 100

64 31.5 26.3 39.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.39

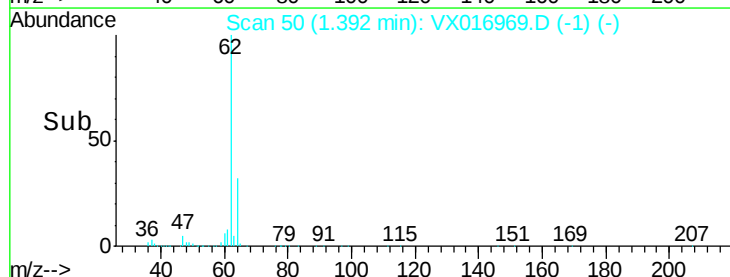
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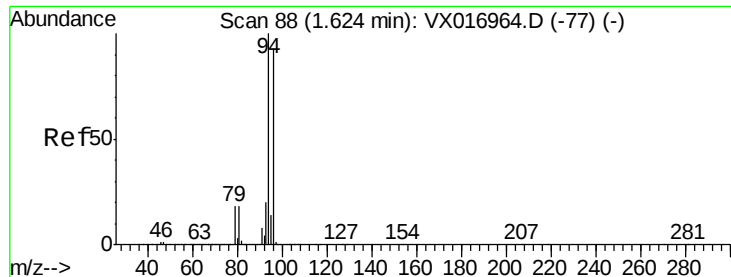
100000

50000

0

Time--> 1.30 1.35 1.40 1.45 1.50





#5

Bromomethane

Concen: 44.182 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

Instrument :

MSVOA_X

ClientSampleId :

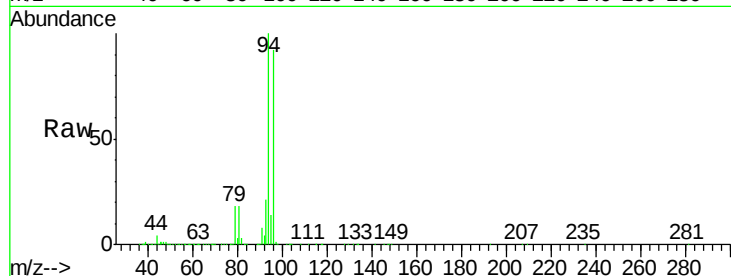
VSTDCCC050

Tot Ion: 94 Resp: 90403

Ion Ratio Lower Upper

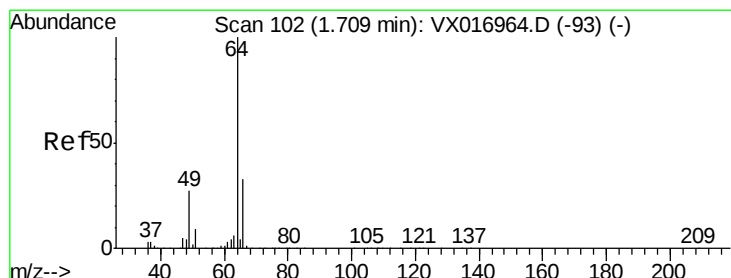
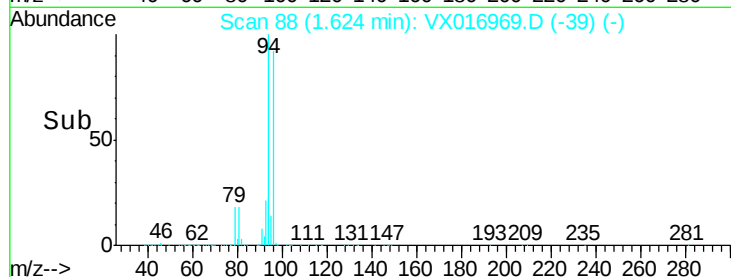
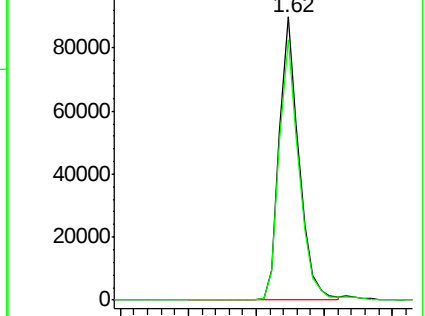
94 100

96 91.7 74.2 111.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 43.810 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX016969.D

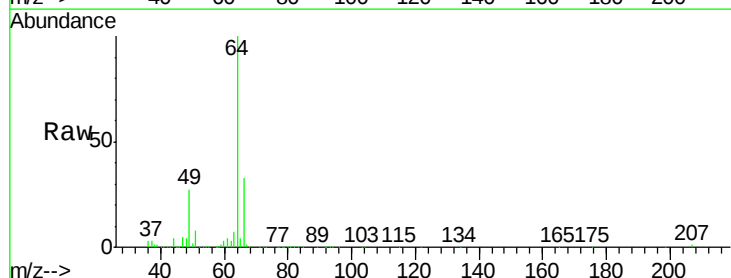
Acq: 26 Jun 2020 09:26

Tgt Ion: 64 Resp: 89705

Ion Ratio Lower Upper

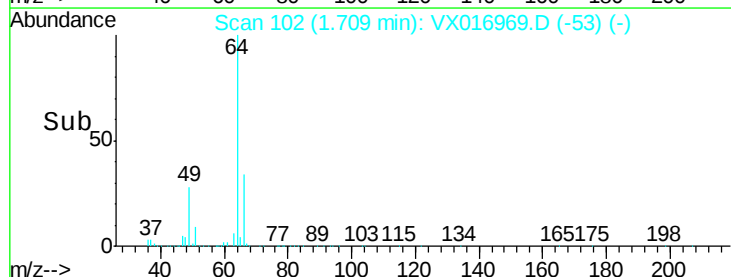
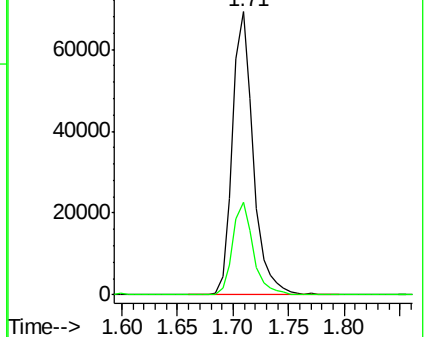
64 100

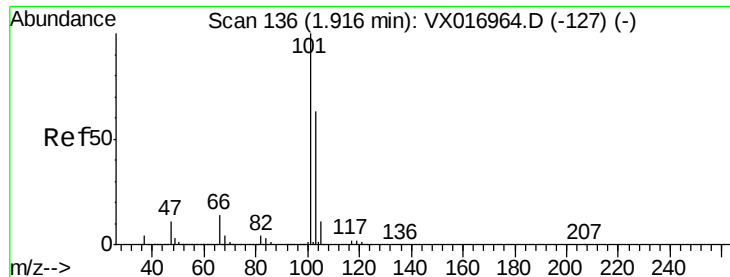
66 32.4 26.2 39.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



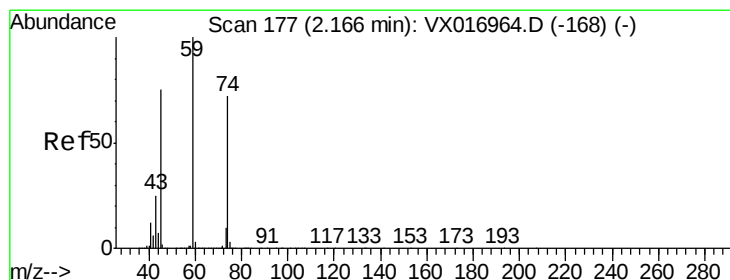
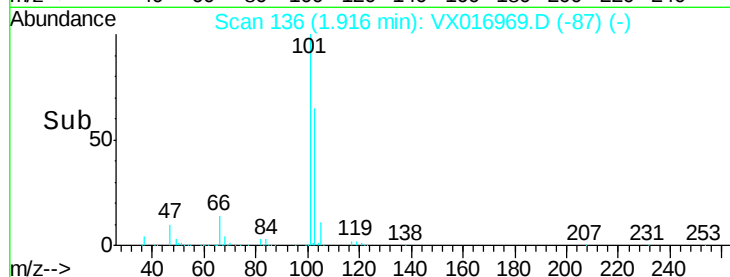
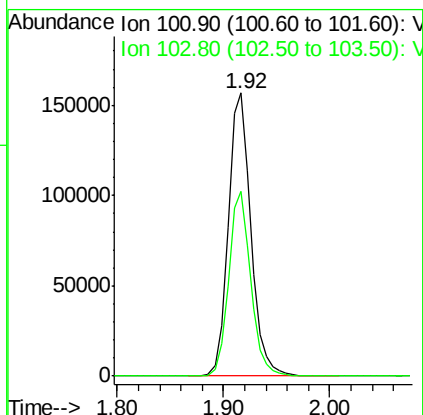
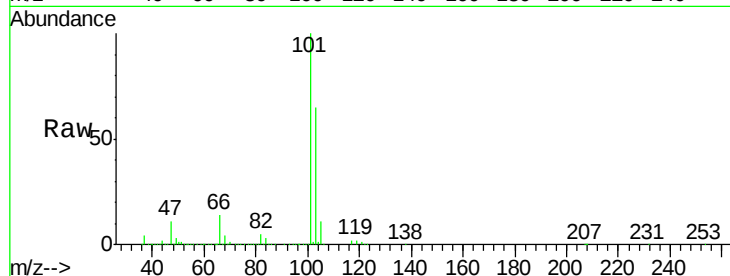


#7

Trichlorofluoromethane
Concen: 47.223 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX016969.D
Acq: 26 Jun 2020 09:26

Instrument :
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VSTDCCC050

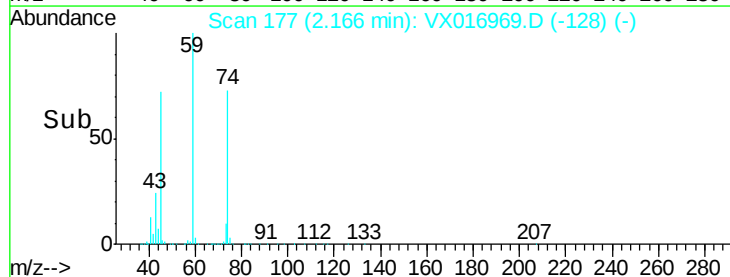
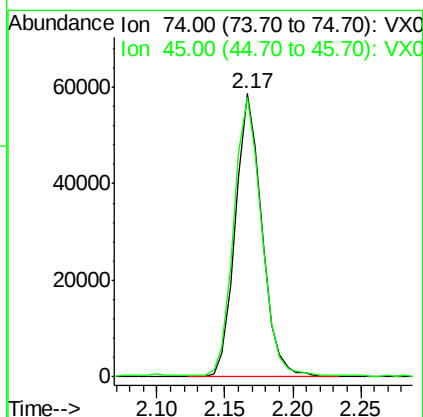
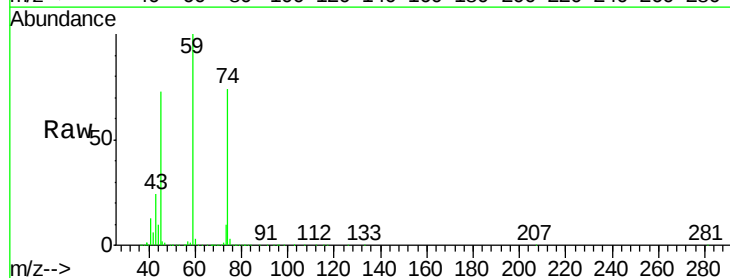
Tot Ion:101 Resp: 232406
Ion Ratio Lower Upper
101 100
103 65.2 50.2 75.4

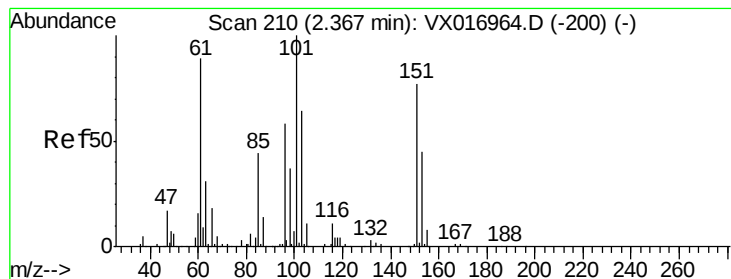


#8

Diethyl Ether
Concen: 42.175 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016969.D
Acq: 26 Jun 2020 09:26

Tgt Ion: 74 Resp: 79954
Ion Ratio Lower Upper
74 100
45 102.9 50.5 151.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.486 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

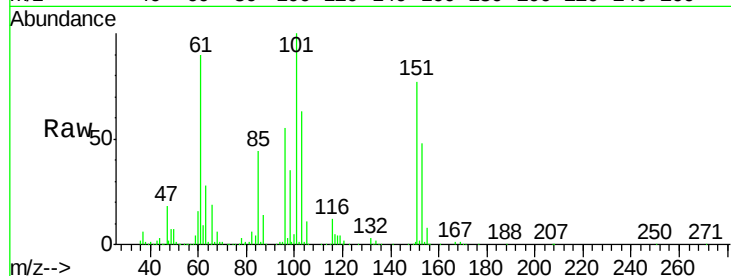
Tot Ion:101 Resp: 122457

Ion Ratio Lower Upper

101 100

85 46.8 36.8 55.2

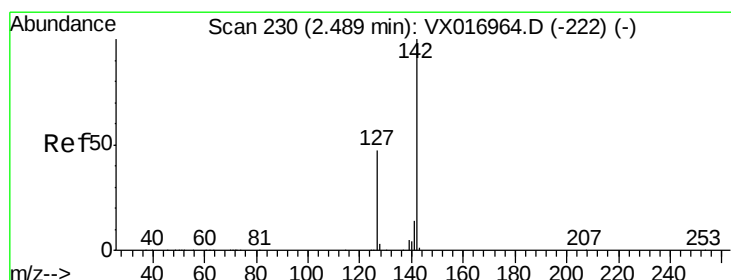
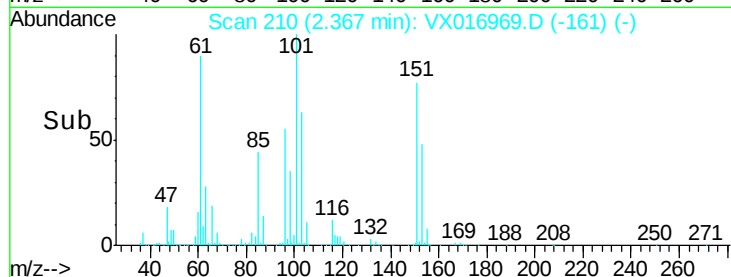
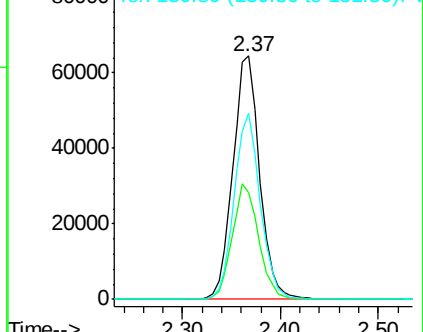
151 74.7 59.8 89.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 46.935 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

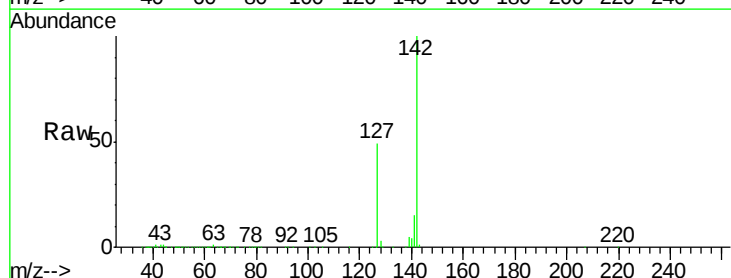
Tgt Ion:142 Resp: 154452

Ion Ratio Lower Upper

142 100

127 48.5 37.4 56.0

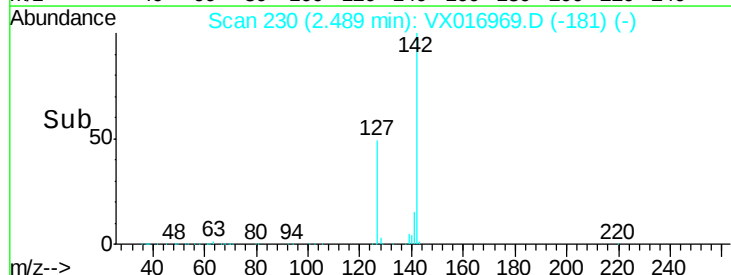
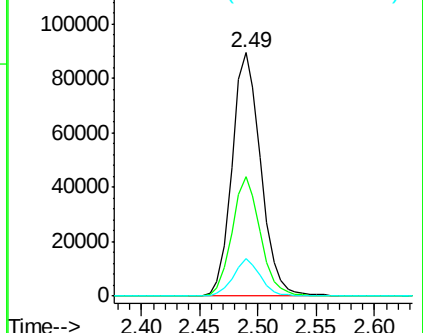
141 14.7 11.7 17.5

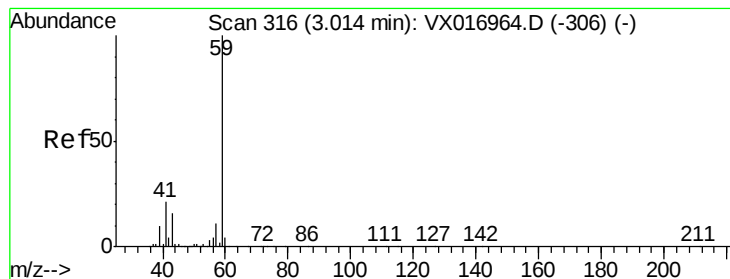


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 216.566 ug/l

RT: 3.01 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

Instrument :

MSVOA_X

ClientSampleId :

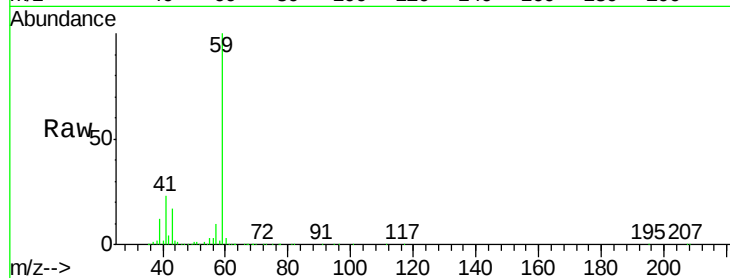
VSTDCCC050

Tot Ion: 59 Resp: 148448

Ion Ratio Lower Upper

59 100

57 10.7 8.5 12.7



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.01

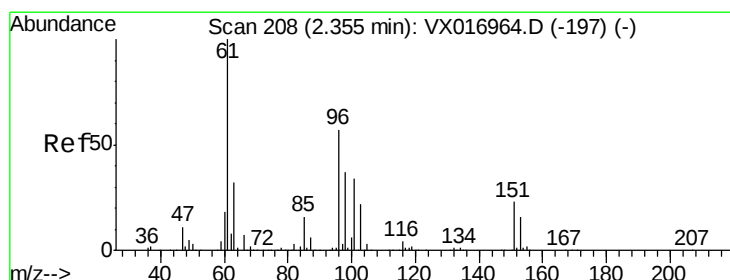
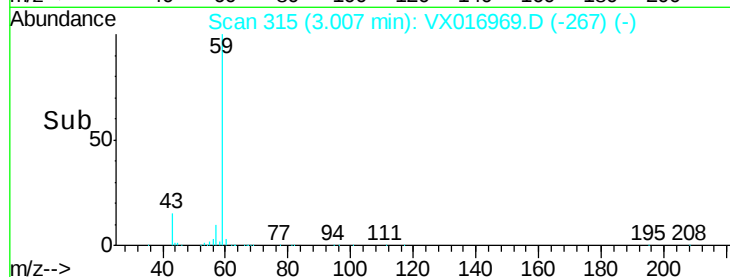
60000

40000

20000

0

Time--> 2.90 3.00 3.10



#12

1,1-Dichloroethene

Concen: 44.008 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

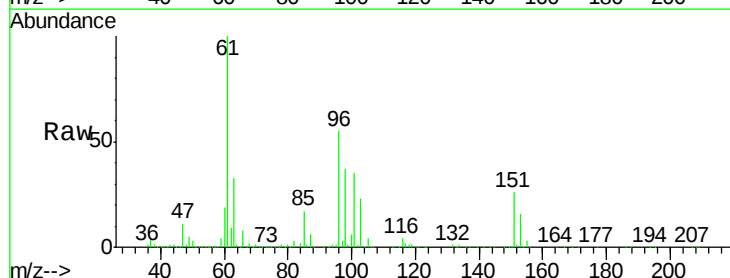
Tgt Ion: 96 Resp: 117282

Ion Ratio Lower Upper

96 100

61 180.8 139.7 209.5

98 66.1 51.0 76.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

2.36

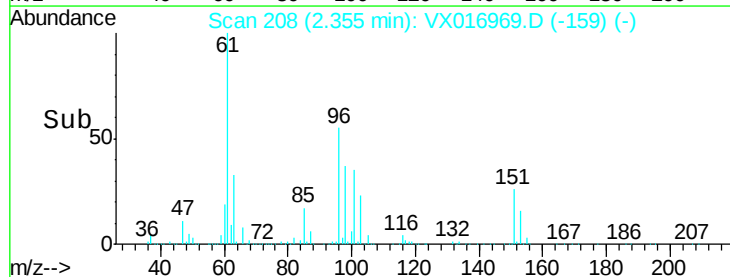
150000

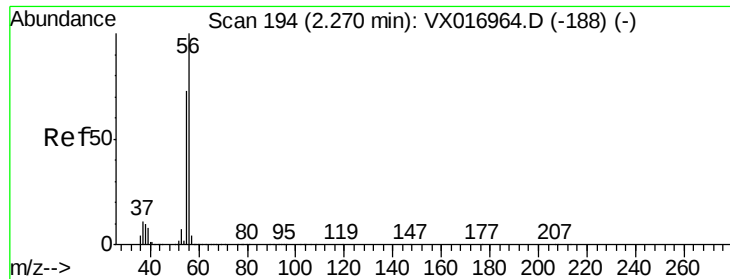
100000

50000

0

Time--> 2.20 2.30 2.40 2.50





#13

Acrolein

Concen: 247.400 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

Instrument :

MSVOA_X

ClientSampleId :

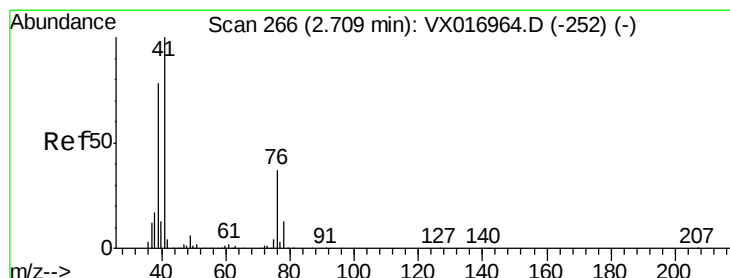
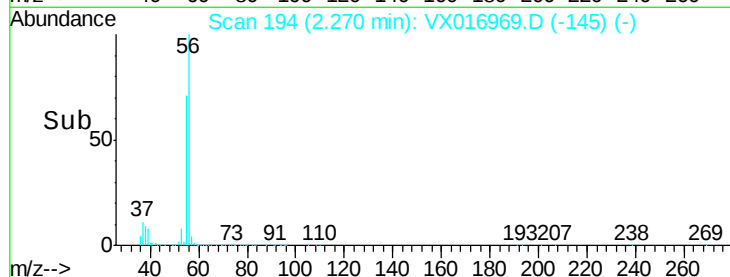
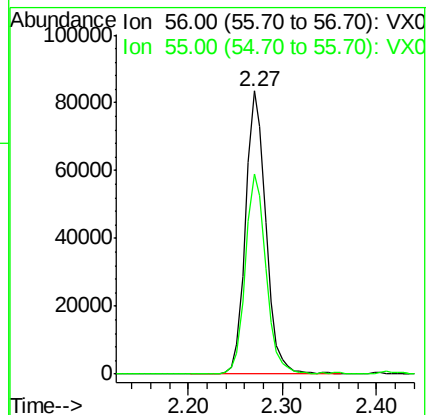
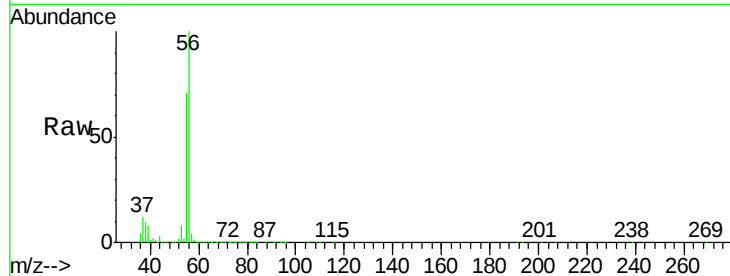
VSTDCCC050

Tot Ion: 56 Resp: 125693

Ion Ratio Lower Upper

56 100

55 71.4 57.5 86.3



#14

Allyl chloride

Concen: 47.724 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

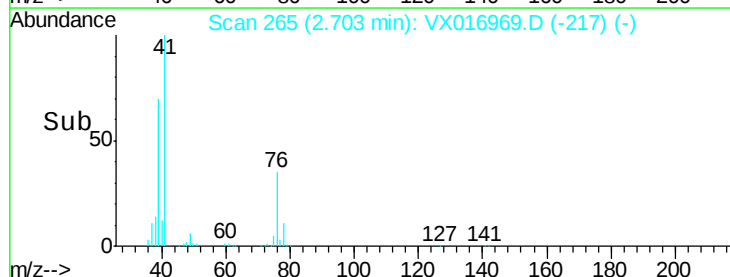
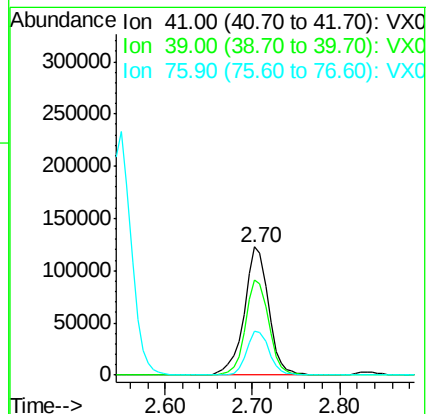
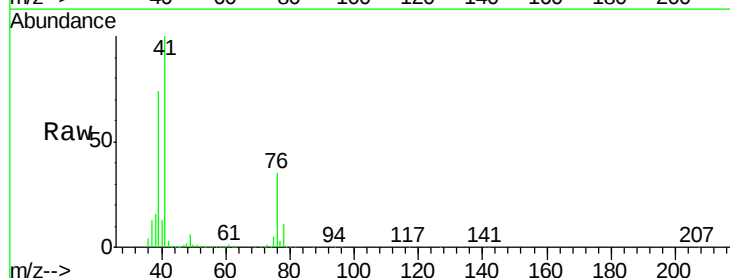
Tgt Ion: 41 Resp: 236812

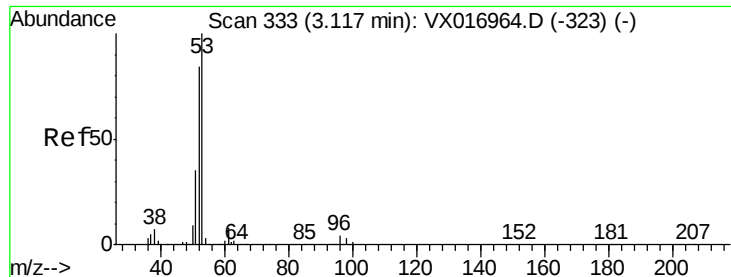
Ion Ratio Lower Upper

41 100

39 70.7 56.4 84.6

76 32.0 26.5 39.7





#15

Acrylonitrile

Concen: 217.093 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

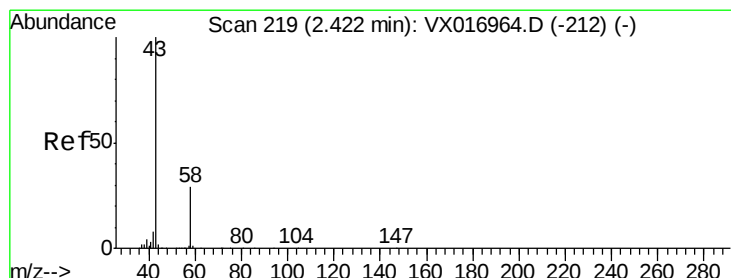
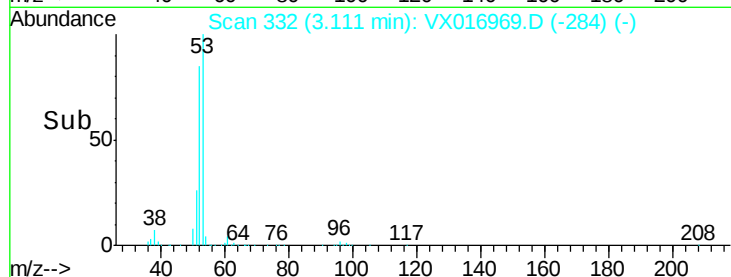
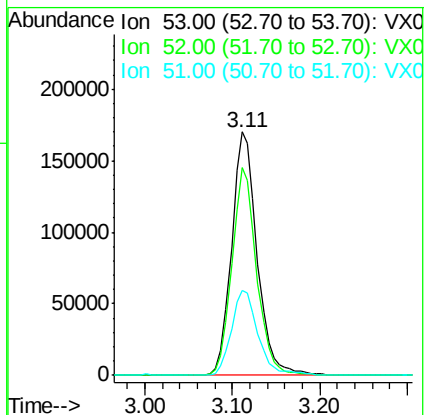
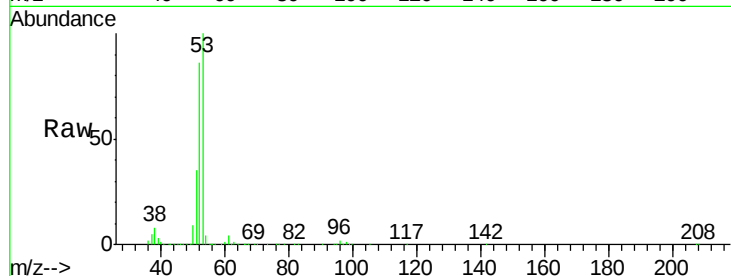
Tot Ion: 53 Resp: 345507

Ion Ratio Lower Upper

53 100

52 82.7 66.3 99.5

51 36.7 29.0 43.6



#16

Acetone

Concen: 203.950 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX016969.D

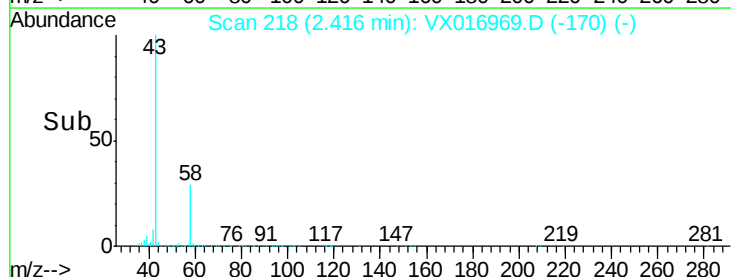
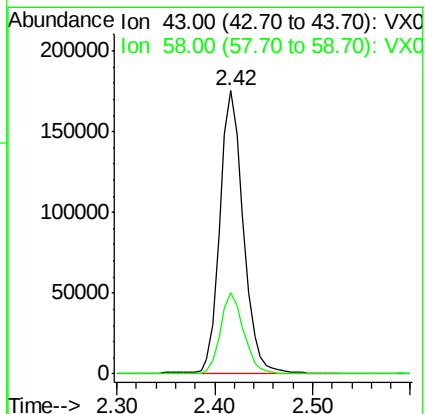
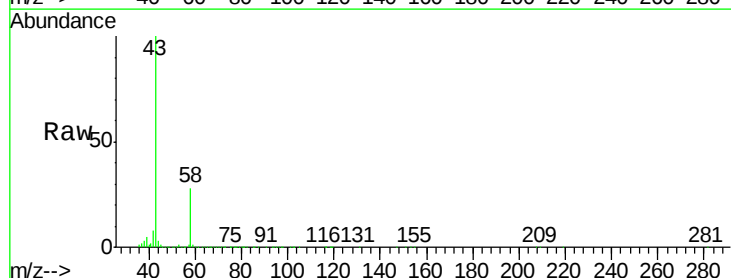
Acq: 26 Jun 2020 09:26

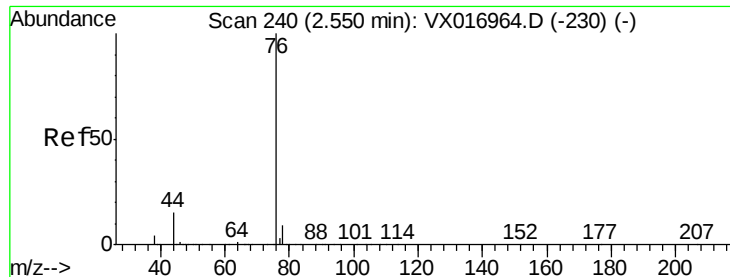
Tgt Ion: 43 Resp: 289461

Ion Ratio Lower Upper

43 100

58 28.4 23.5 35.3

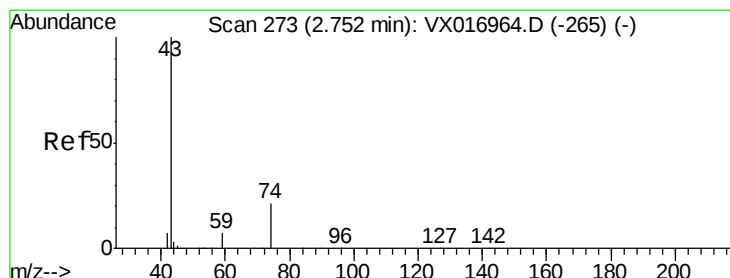
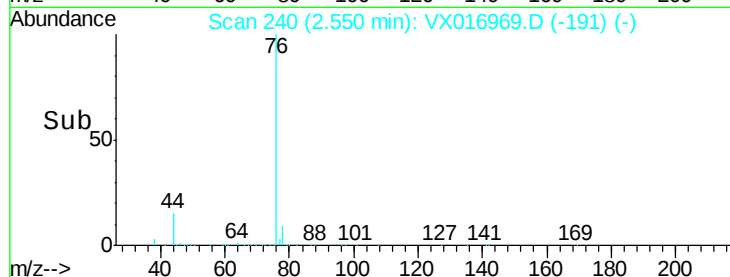
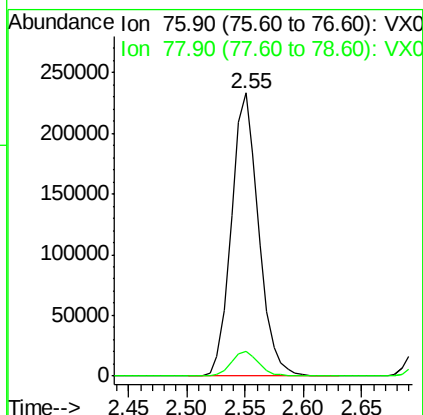
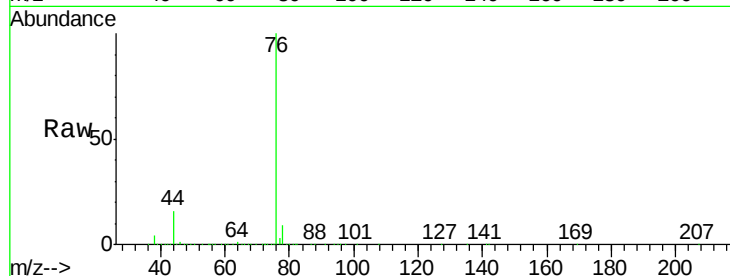




#17
Carbon Disulfide
Concen: 44.944 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX016969.D
Acq: 26 Jun 2020 09:26

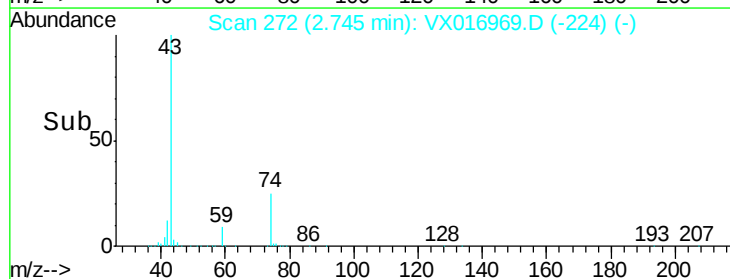
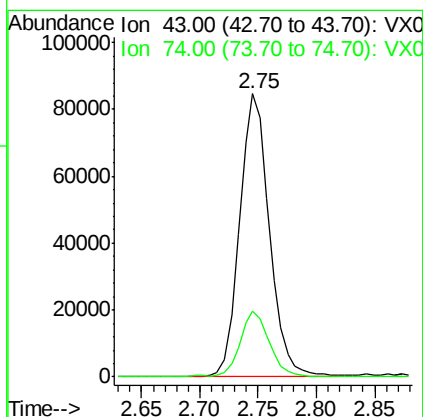
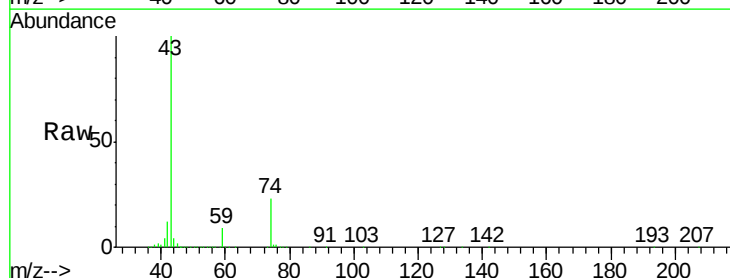
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

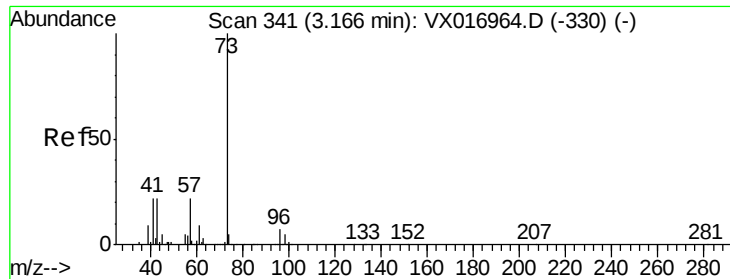
Tot Ion: 76 Resp: 379798
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.4



#18
Methyl Acetate
Concen: 43.556 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX016969.D
Acq: 26 Jun 2020 09:26

Tgt Ion: 43 Resp: 150391
Ion Ratio Lower Upper
43 100
74 23.2 18.3 27.5

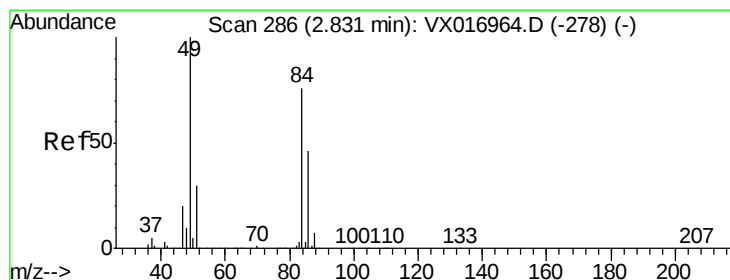
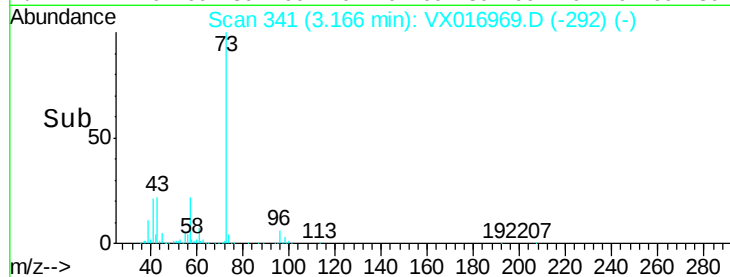
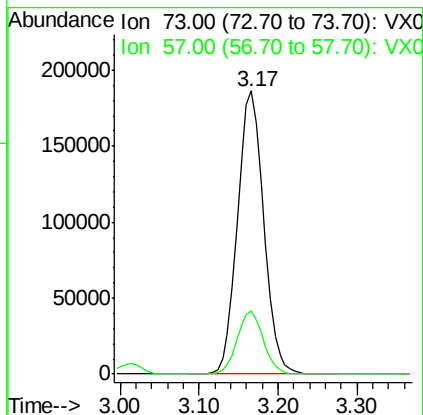
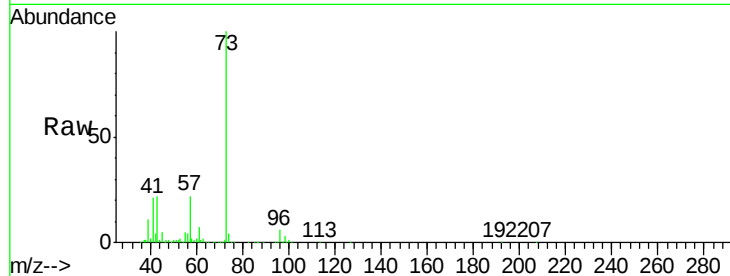




#19
Methyl tert-butyl Ether
Concen: 46.550 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016969.D
Acq: 26 Jun 2020 09:26

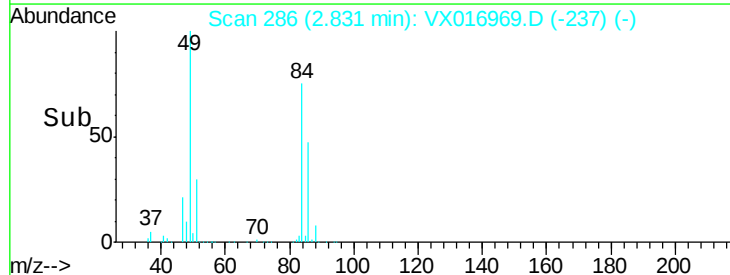
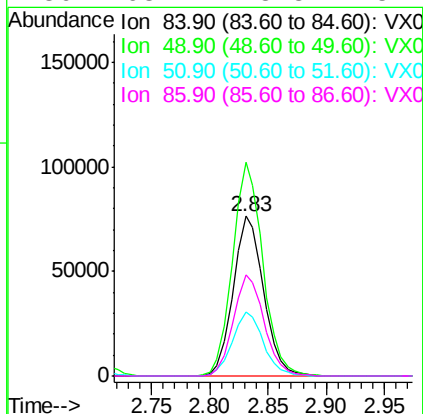
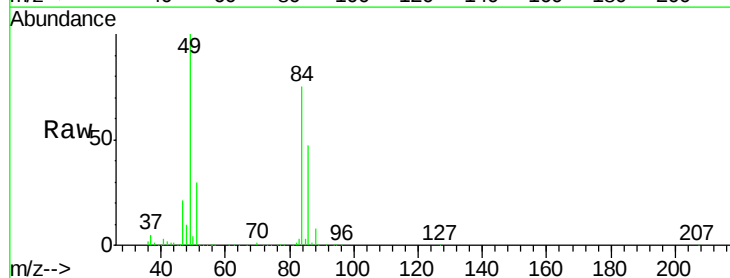
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

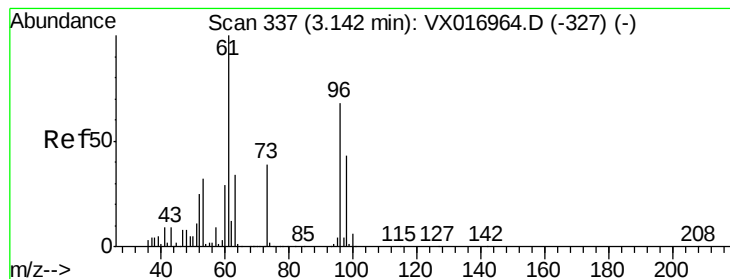
Tot Ion: 73 Resp: 433605
Ion Ratio Lower Upper
73 100
57 22.3 17.8 26.8



#20
Methylene Chloride
Concen: 43.212 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX016969.D
Acq: 26 Jun 2020 09:26

Tgt Ion: 84 Resp: 139415
Ion Ratio Lower Upper
84 100
49 133.7 105.6 158.4
51 40.4 31.2 46.8
86 63.1 48.8 73.2





#21

trans-1,2-Dichloroethene

Concen: 45.200 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

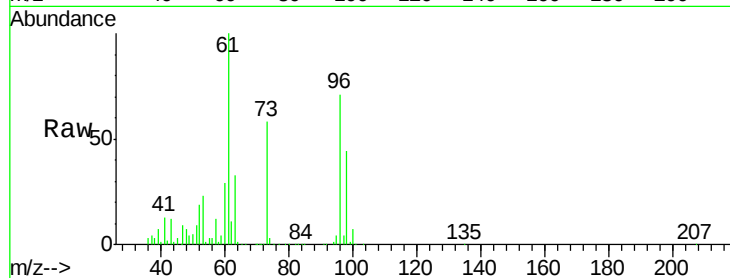
Tot Ion: 96 Resp: 136097

Ion Ratio Lower Upper

96 100

61 140.8 116.7 175.1

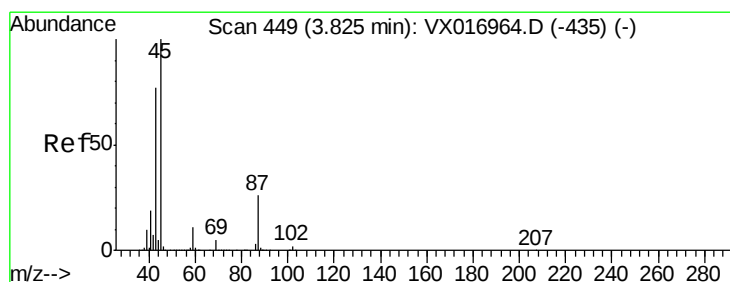
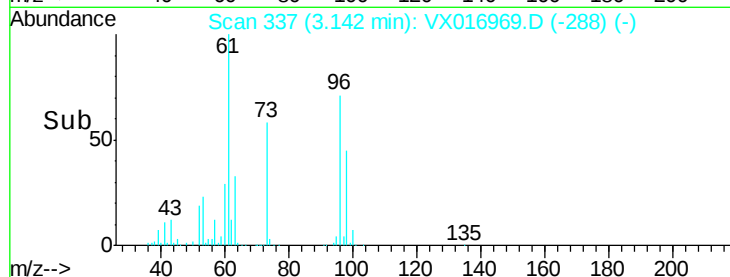
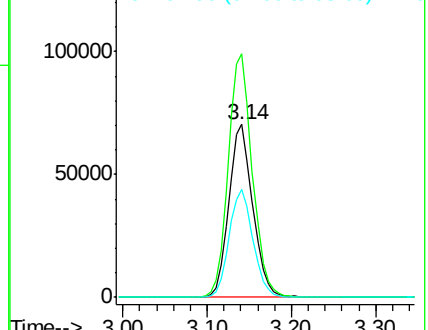
98 62.7 50.7 76.1



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 46.955 ug/l

RT: 3.82 min Scan# 448

Delta R.T. -0.01 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

Tgt Ion: 45 Resp: 456784

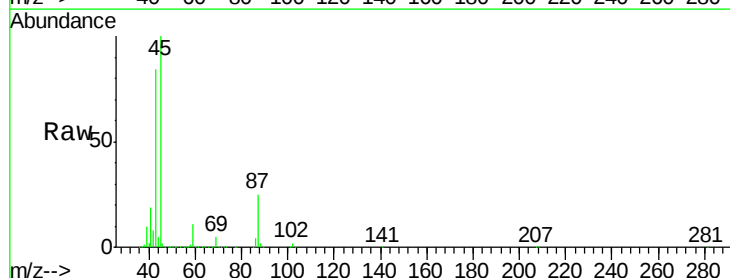
Ion Ratio Lower Upper

45 100

43 83.9 62.7 94.1

87 24.7 21.0 31.4

59 10.9 9.0 13.6

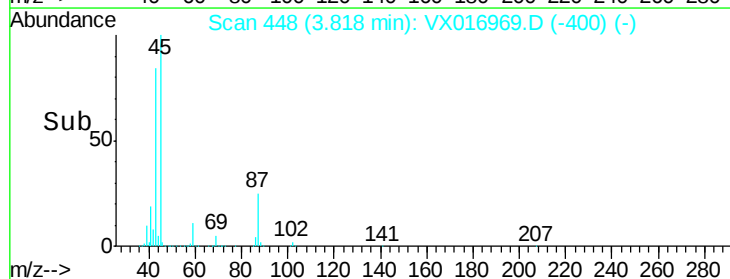
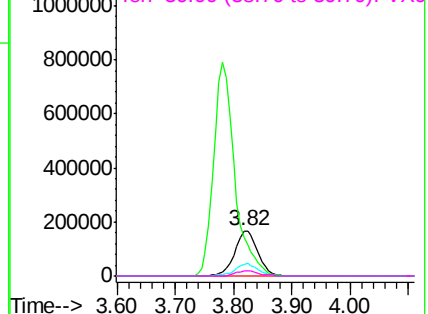


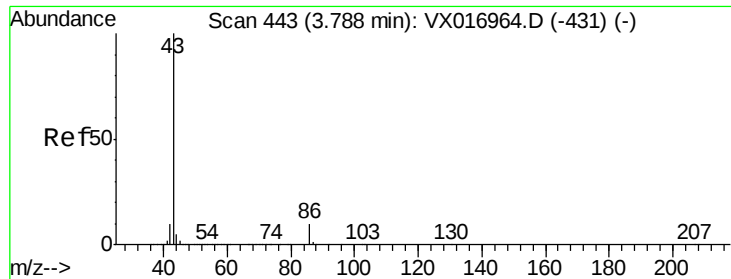
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 234.448 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

Instrument :

MSVOA_X

ClientSampleId :

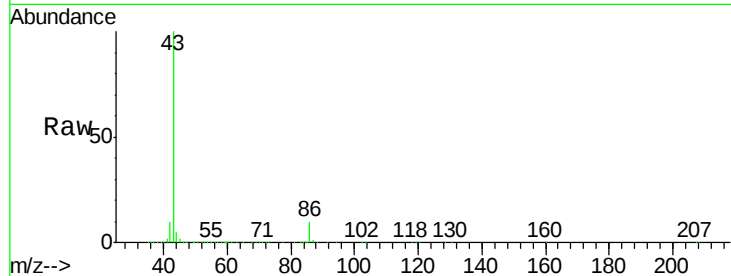
VSTDCCC050

Tot Ion: 43 Resp: 1996046

Ion Ratio Lower Upper

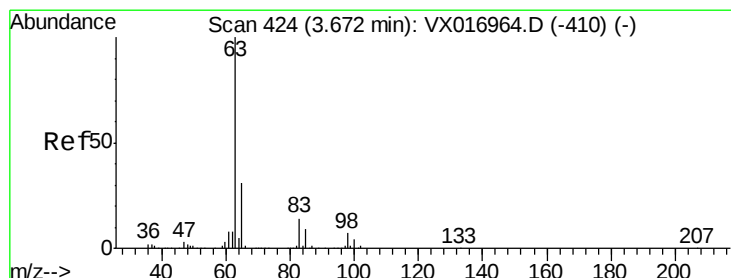
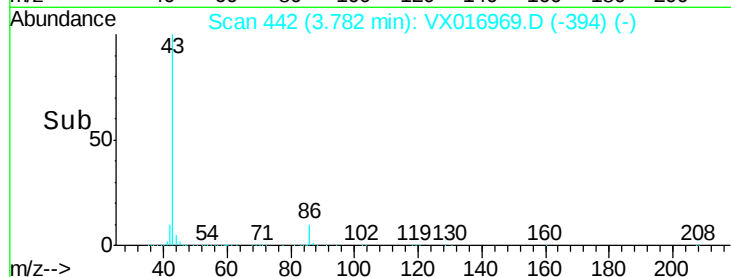
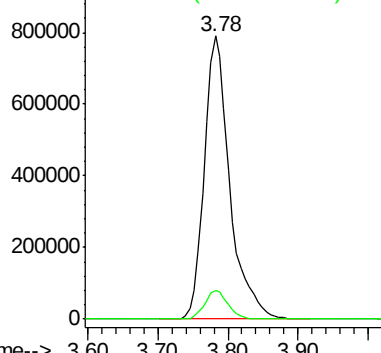
43 100

86 10.0 8.2 12.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 45.362 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

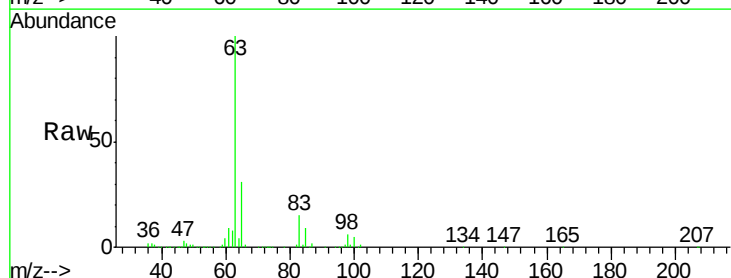
Tgt Ion: 63 Resp: 247537

Ion Ratio Lower Upper

63 100

98 6.4 3.6 10.8

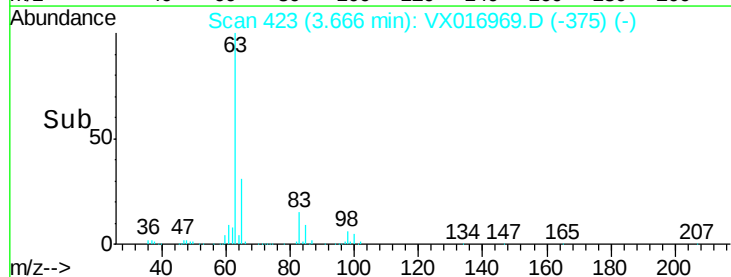
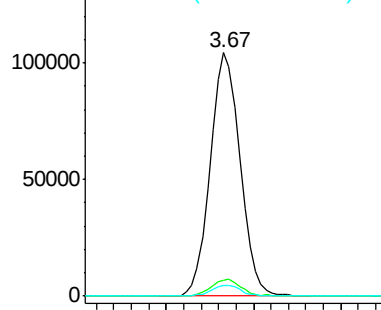
100 4.6 2.1 6.3

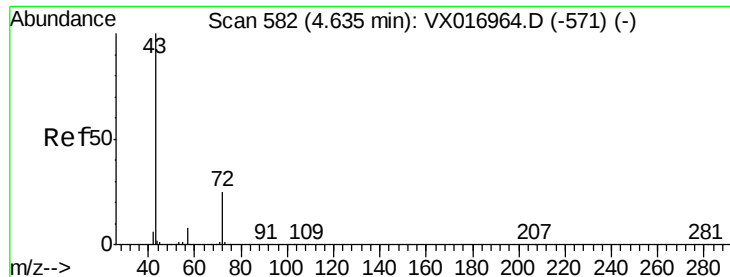


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 216.246 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

Instrument :

MSVOA_X

ClientSampleId :

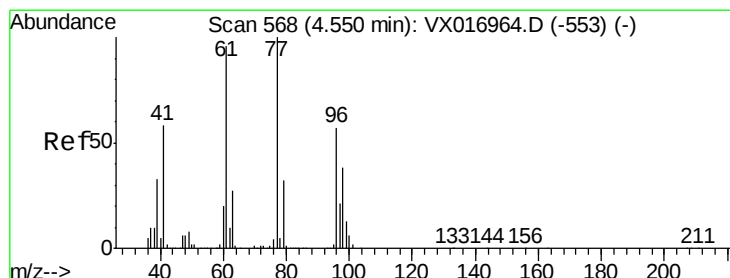
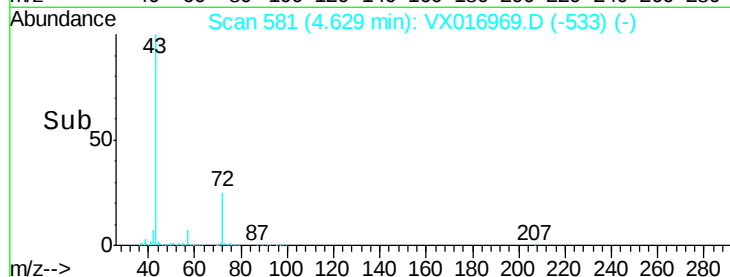
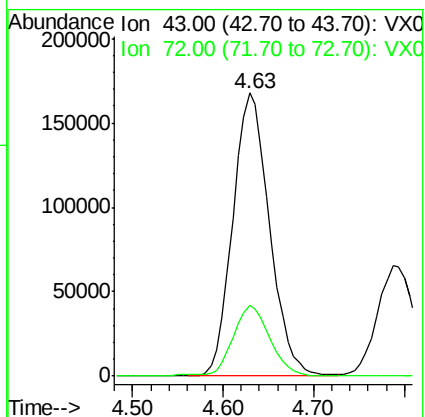
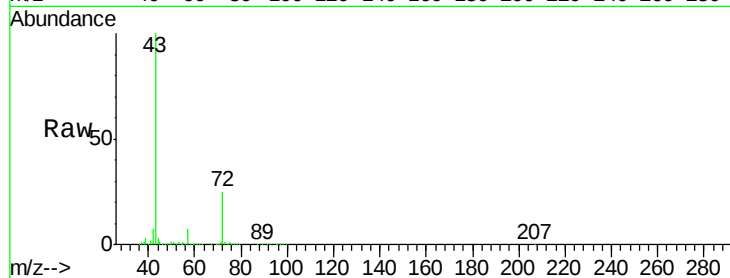
VSTDCCC050

Tot Ion: 43 Resp: 467762

Ion Ratio Lower Upper

43 100

72 25.0 20.0 30.0



#26

2,2-Dichloropropane

Concen: 51.189 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.01 min

Lab File: VX016969.D

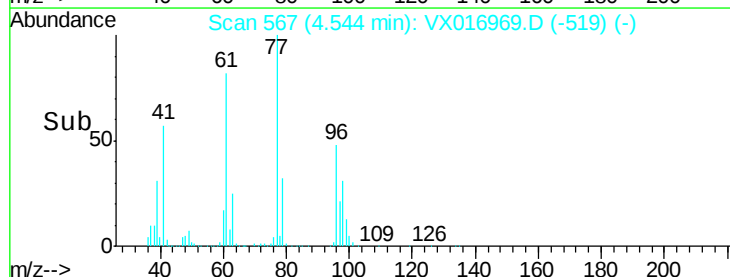
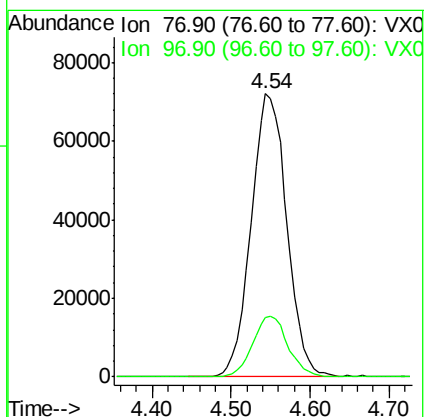
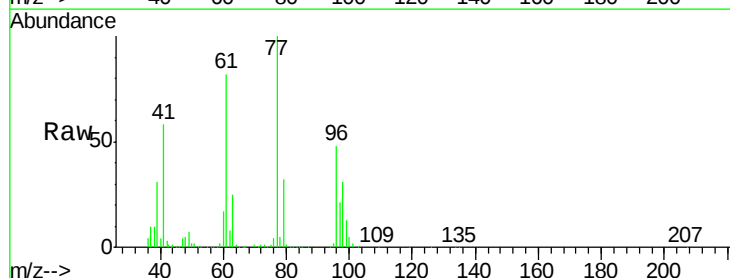
Acq: 26 Jun 2020 09:26

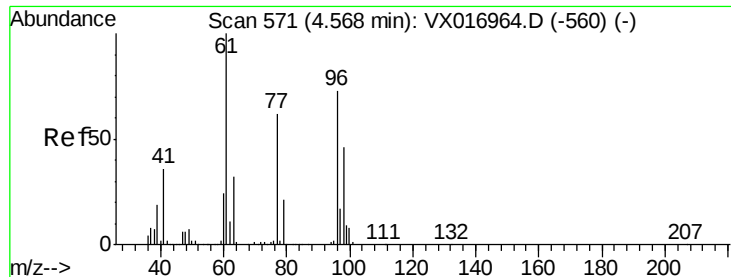
Tgt Ion: 77 Resp: 225956

Ion Ratio Lower Upper

77 100

97 21.3 11.2 33.5



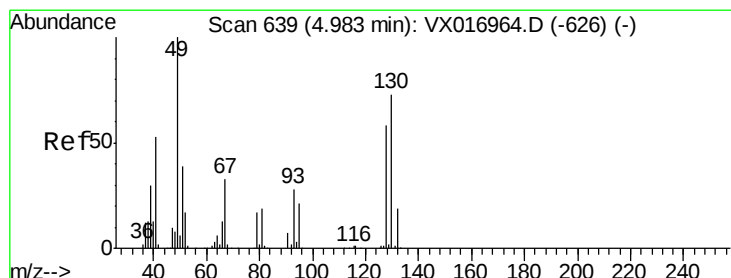
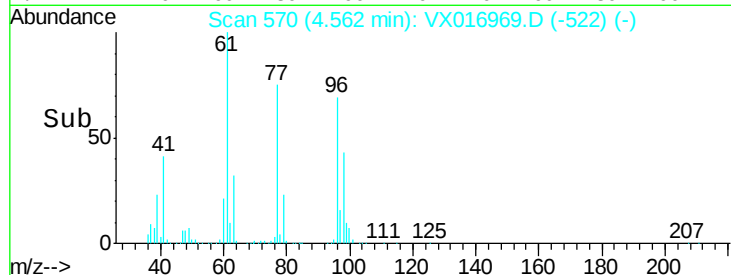
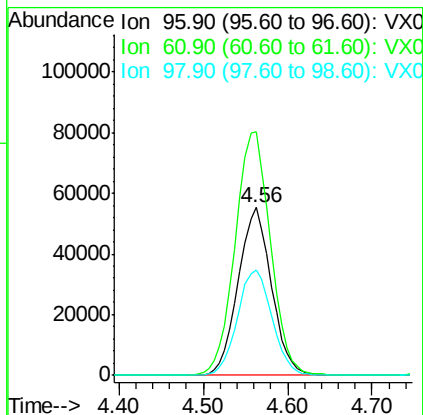
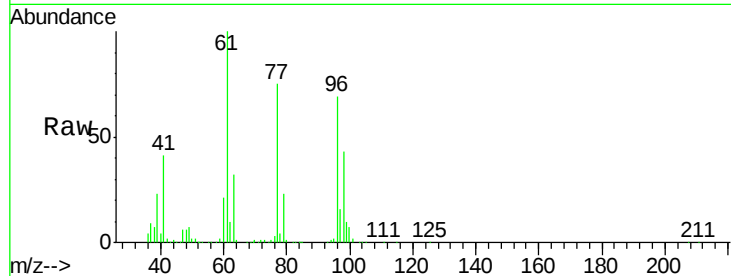


#27

cis-1,2-Dichloroethene
Concen: 44.578 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX016969.D
Acq: 26 Jun 2020 09:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

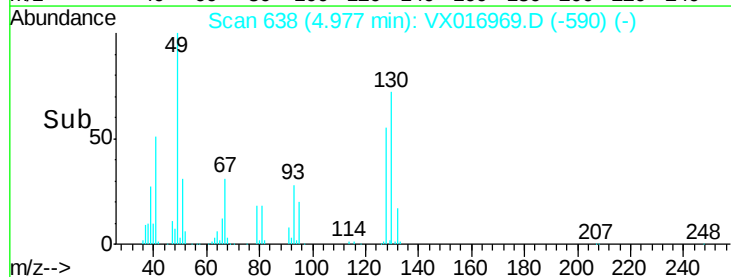
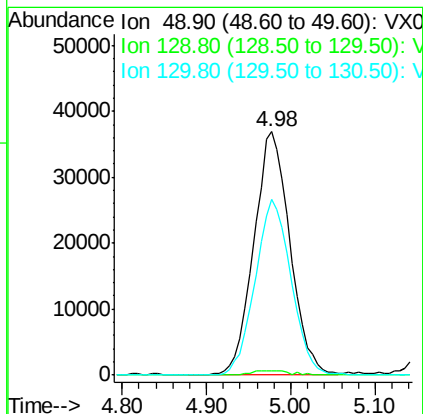
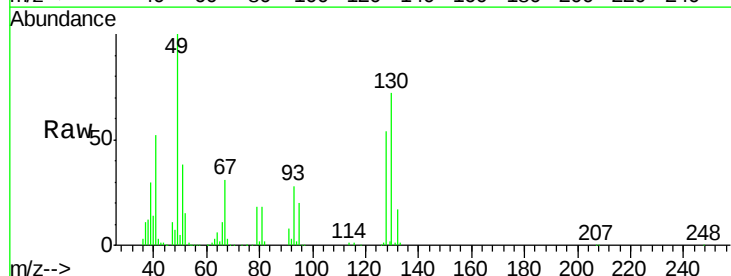
Tot Ion: 96 Resp: 148324
Ion Ratio Lower Upper
96 100
61 154.6 0.0 307.2
98 65.1 0.0 128.4

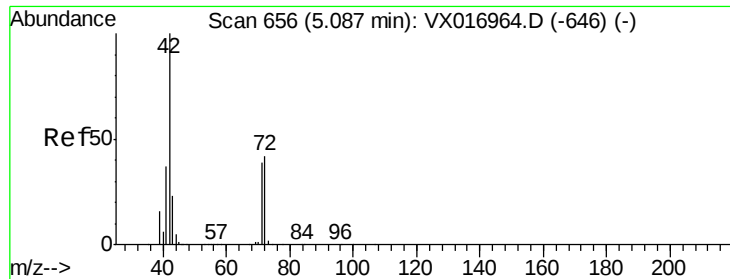


#28

Bromochloromethane
Concen: 42.633 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX016969.D
Acq: 26 Jun 2020 09:26

Tgt Ion: 49 Resp: 108713
Ion Ratio Lower Upper
49 100
129 1.9 0.0 4.4
130 71.9 58.7 88.1

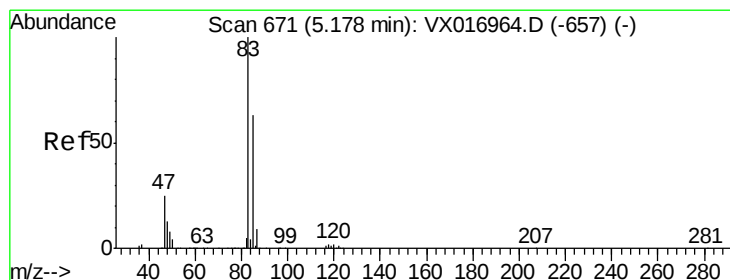
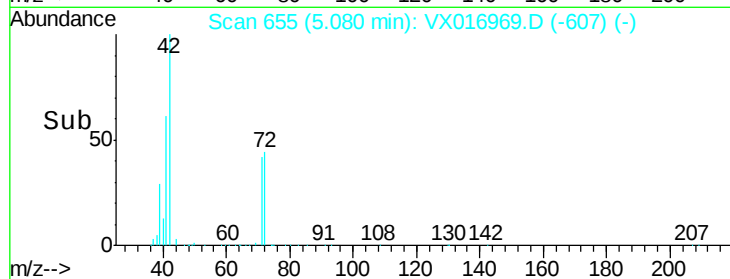
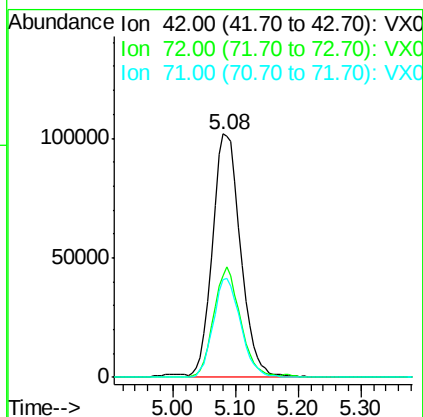
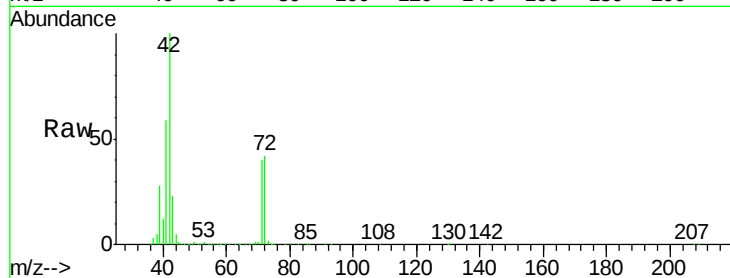




#29
Tetrahydrofuran
Concen: 221.332 ug/l
RT: 5.08 min Scan# 655
Delta R.T. -0.01 min
Lab File: VX016969.D
Acq: 26 Jun 2020 09:26

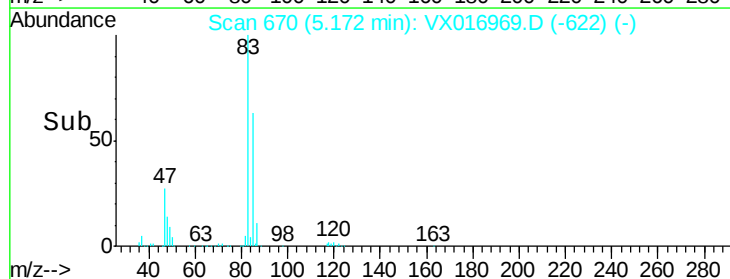
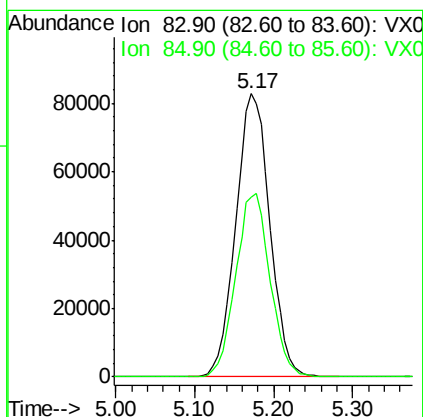
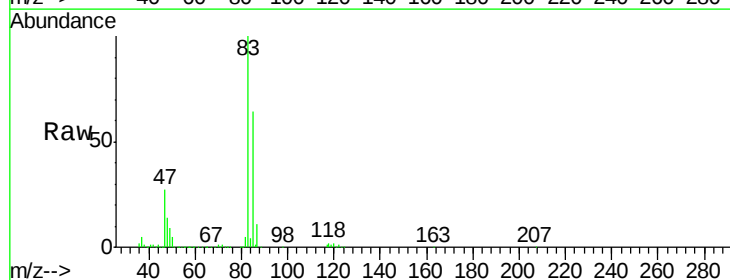
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

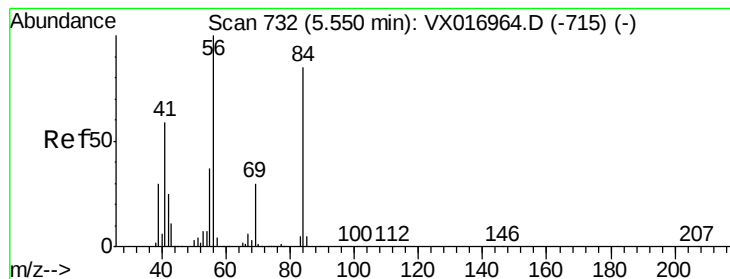
Tot Ion: 42 Resp: 314733
Ion Ratio Lower Upper
42 100
72 43.7 34.1 51.1
71 39.9 32.1 48.1



#30
Chloroform
Concen: 45.336 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX016969.D
Acq: 26 Jun 2020 09:26

Tgt Ion: 83 Resp: 248466
Ion Ratio Lower Upper
83 100
85 63.5 50.7 76.1





#31

Cyclohexane

Concen: 48.084 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

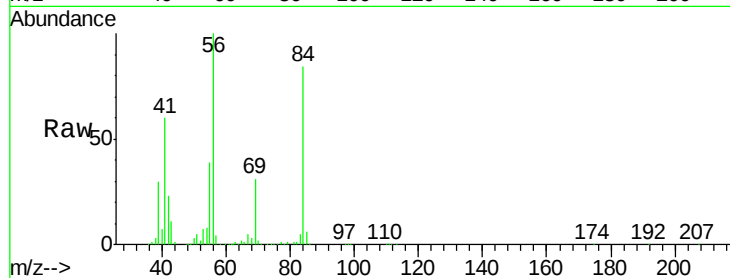
Tot Ion: 56 Resp: 219190

Ion Ratio Lower Upper

56 100

69 31.3 23.6 35.4

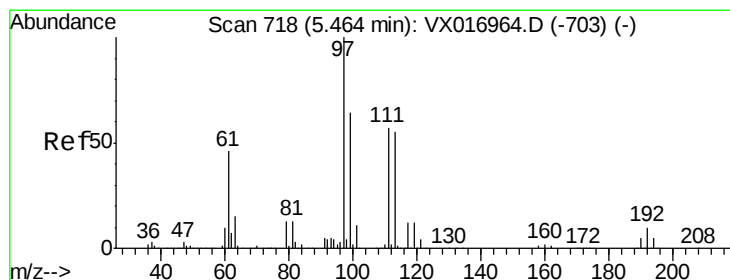
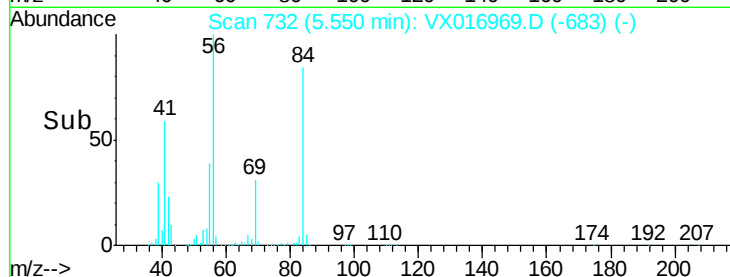
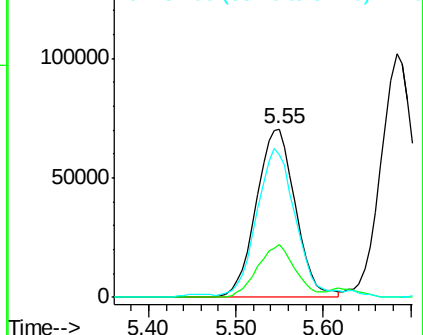
84 82.8 67.8 101.8



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 46.176 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

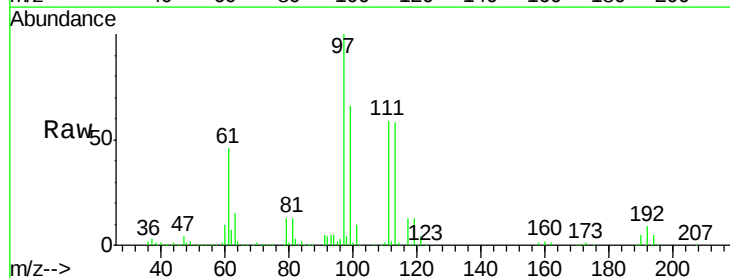
Tgt Ion: 97 Resp: 226724

Ion Ratio Lower Upper

97 100

99 64.7 51.4 77.2

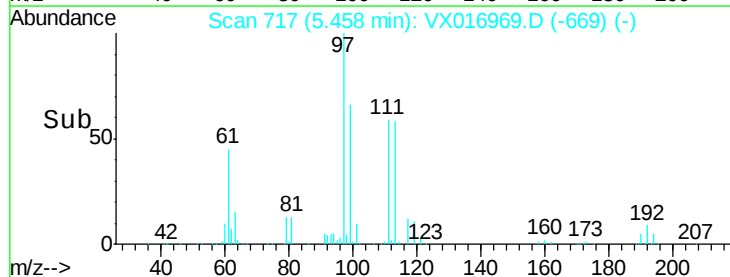
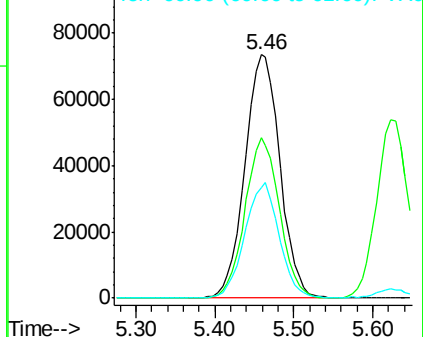
61 46.6 37.0 55.4

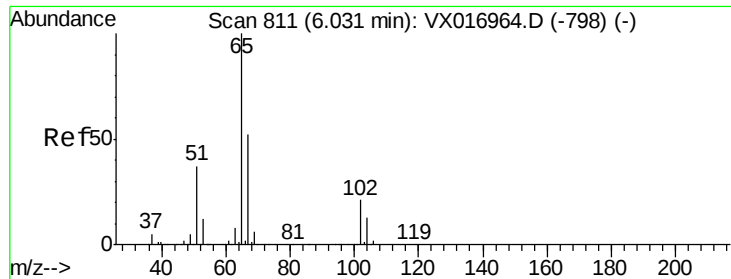


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 45.647 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

Instrument :

MSVOA_X

ClientSampleId :

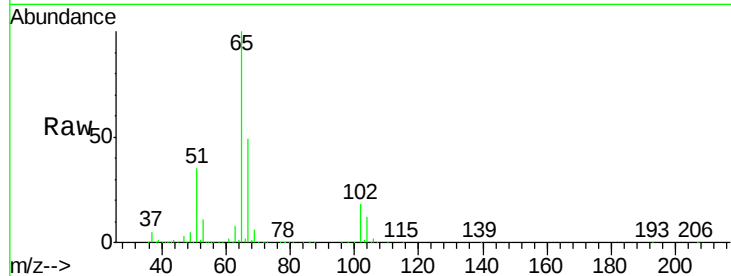
VSTDCCC050

Tot Ion: 65 Resp: 165736

Ion Ratio Lower Upper

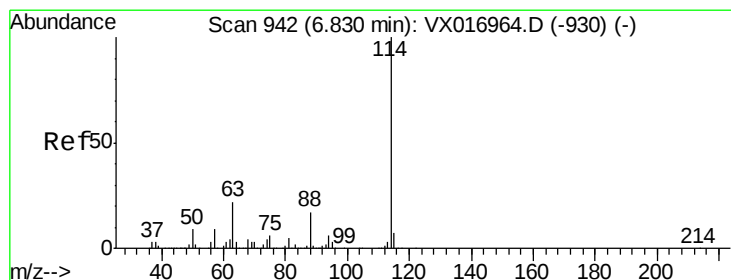
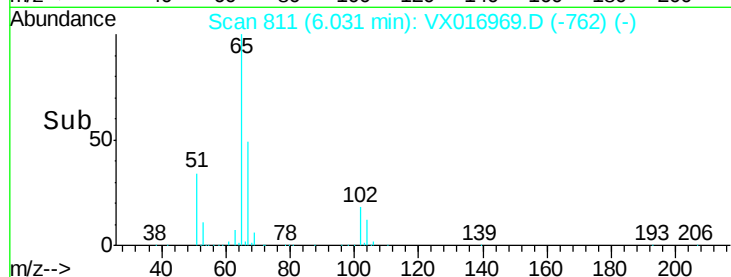
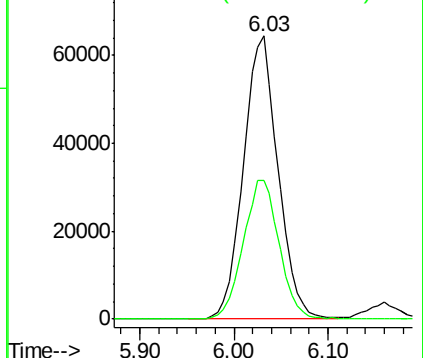
65 100

67 50.8 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

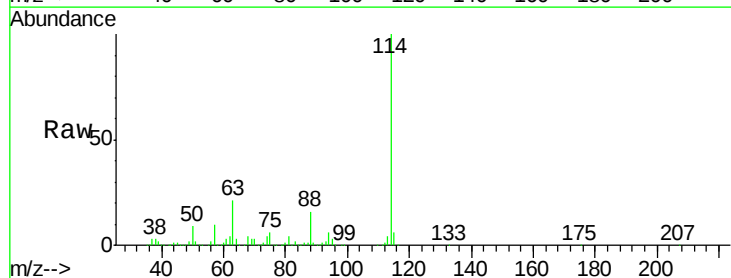
Tgt Ion: 114 Resp: 403165

Ion Ratio Lower Upper

114 100

63 21.1 0.0 44.4

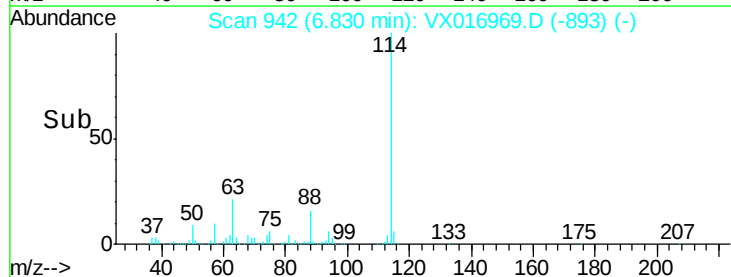
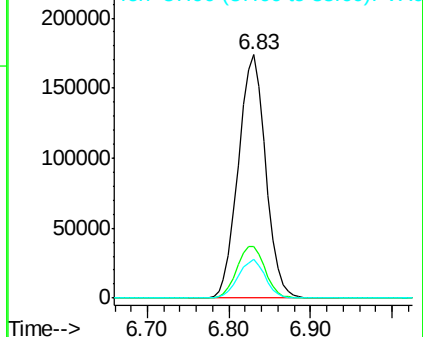
88 16.1 0.0 33.2

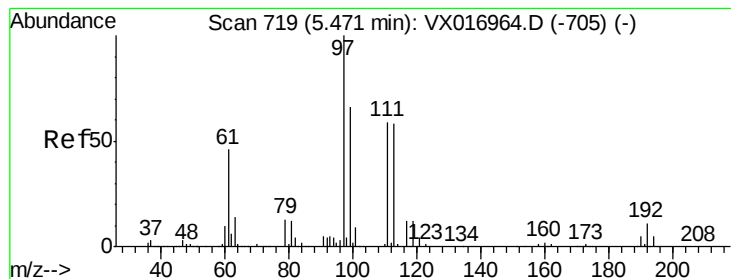


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 46.069 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

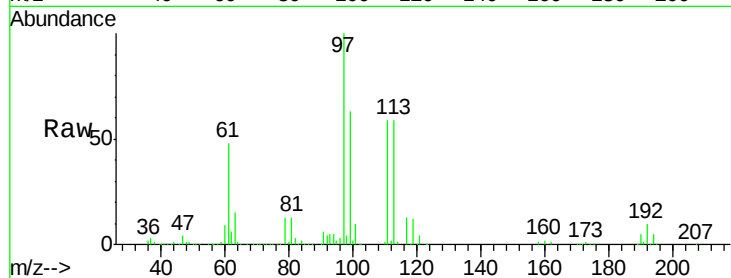
Tot Ion:113 Resp: 122673

Ion Ratio Lower Upper

113 100

111 102.6 84.3 126.5

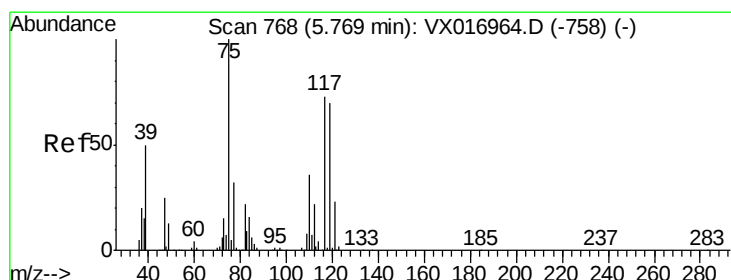
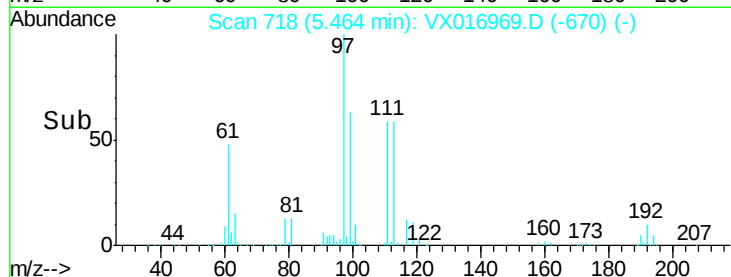
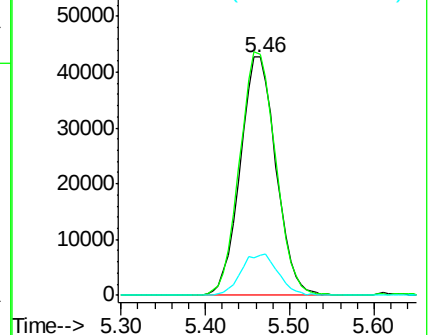
192 18.2 15.2 22.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 47.444 ug/l

RT: 5.76 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

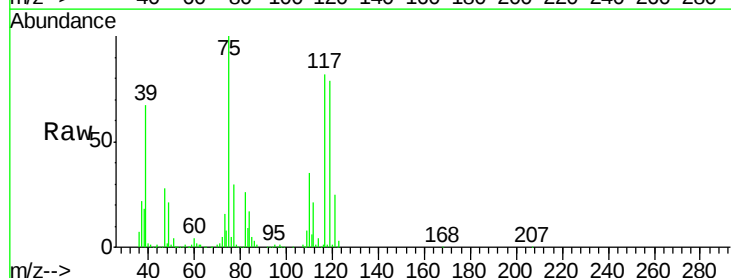
Tgt Ion: 75 Resp: 189395

Ion Ratio Lower Upper

75 100

110 34.3 17.2 51.6

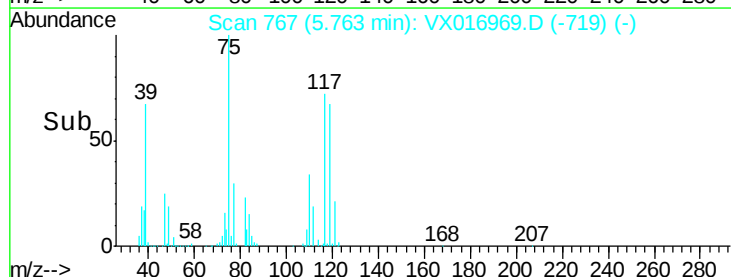
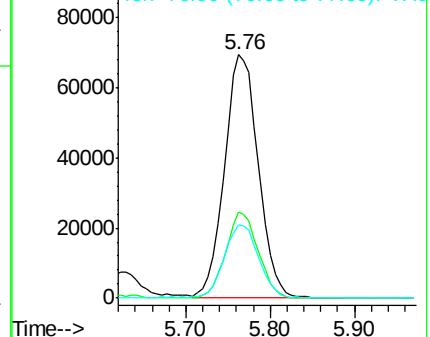
77 30.9 24.7 37.1

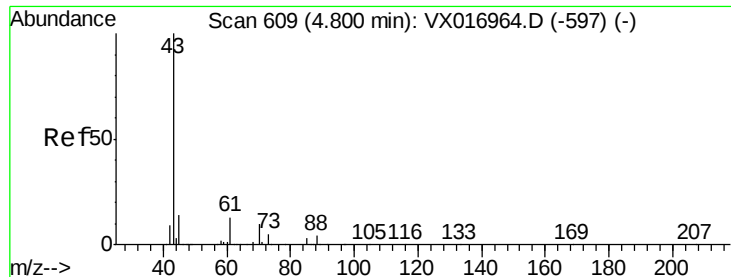


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

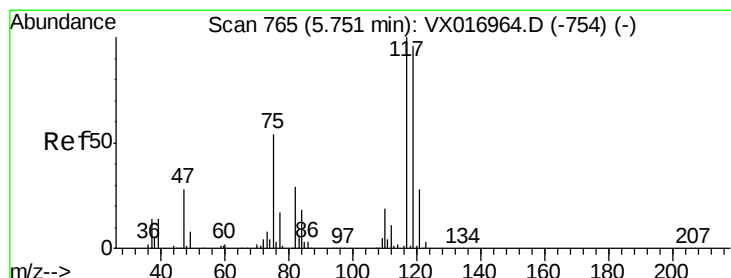
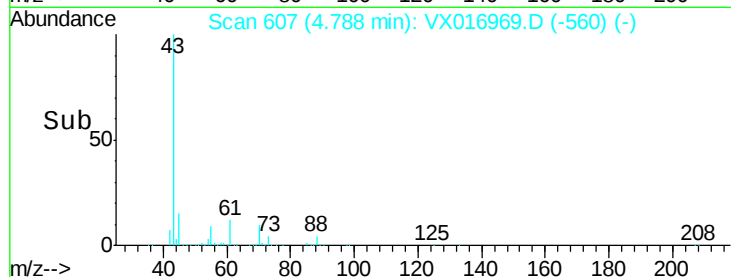
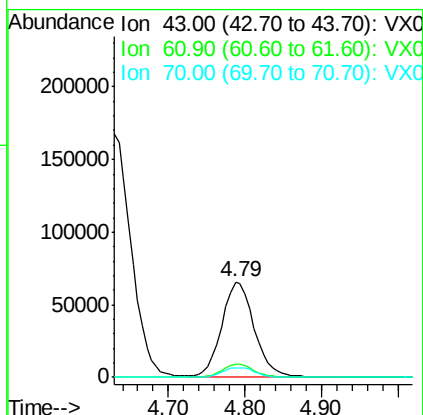
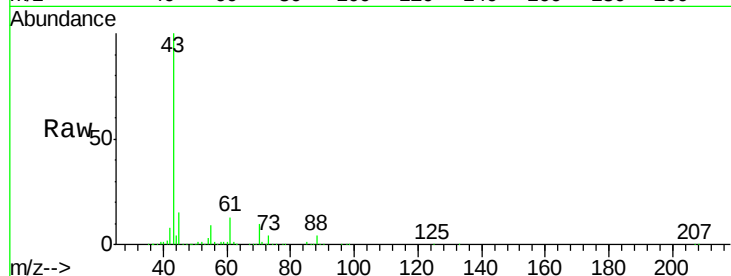




#37
Ethyl Acetate
Concen: 44.668 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX016969.D
Acq: 26 Jun 2020 09:26

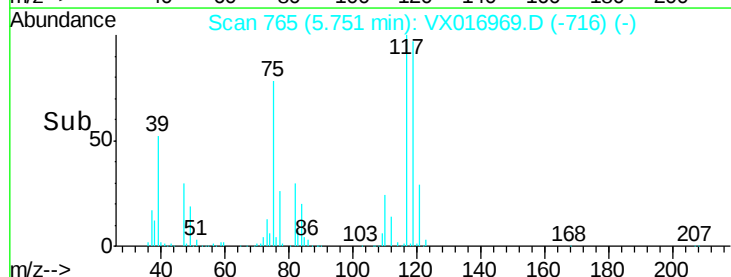
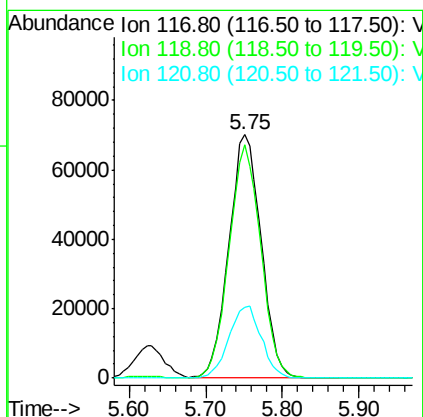
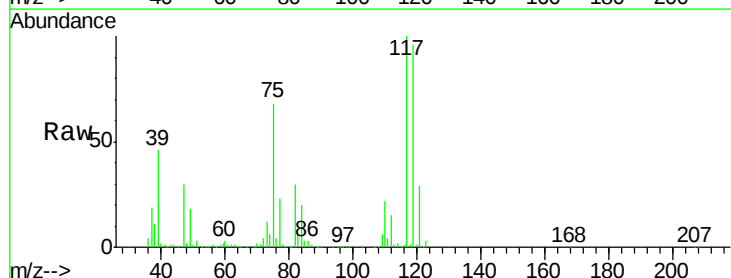
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

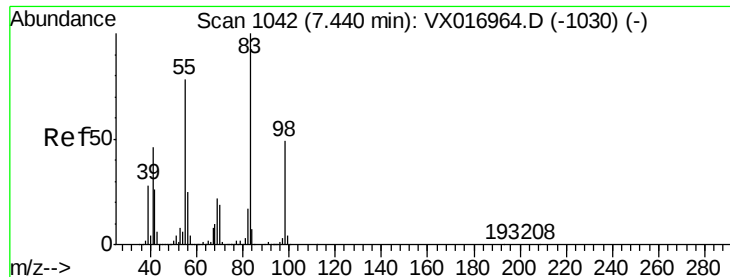
Tot Ion: 43 Resp: 191632
Ion Ratio Lower Upper
43 100
61 13.3 10.8 16.2
70 10.5 8.0 12.0



#38
Carbon Tetrachloride
Concen: 48.487 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX016969.D
Acq: 26 Jun 2020 09:26

Tgt Ion: 117 Resp: 204853
Ion Ratio Lower Upper
117 100
119 95.7 76.6 114.8
121 29.3 22.5 33.7





#39

Methvlcvclohexane

Concen: 50.336 ug/l

RT: 7.44 min Scan# 1042

Delta R.T. -0.00 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

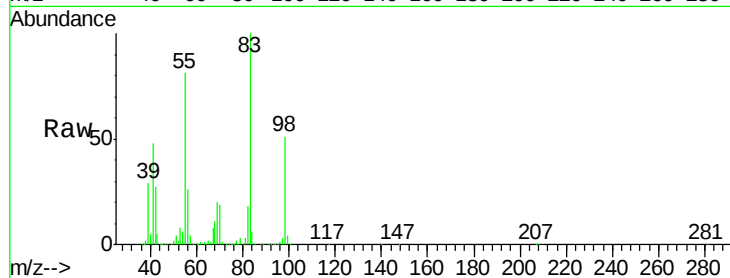
Tot Ion: 83 Resp: 217444

Ion Ratio Lower Upper

83 100

55 81.1 62.4 93.6

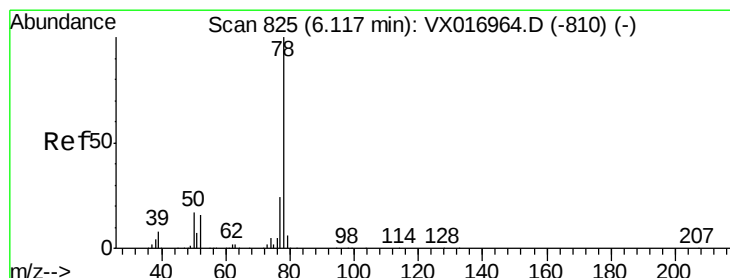
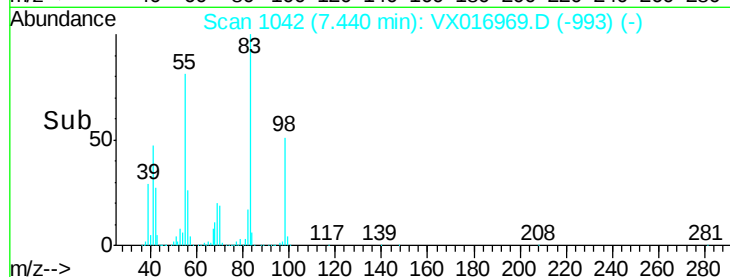
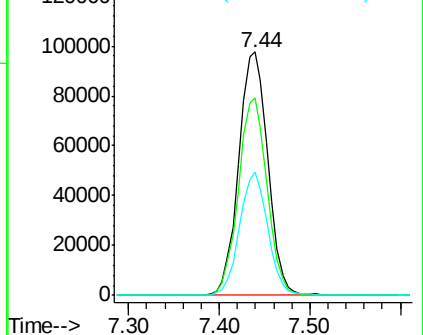
98 50.9 39.4 59.0



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#40

Benzene

Concen: 46.510 ug/l

RT: 6.11 min Scan# 824

Delta R.T. -0.01 min

Lab File: VX016969.D

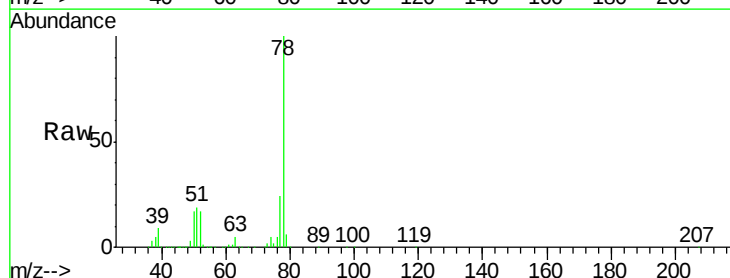
Acq: 26 Jun 2020 09:26

Tgt Ion: 78 Resp: 534690

Ion Ratio Lower Upper

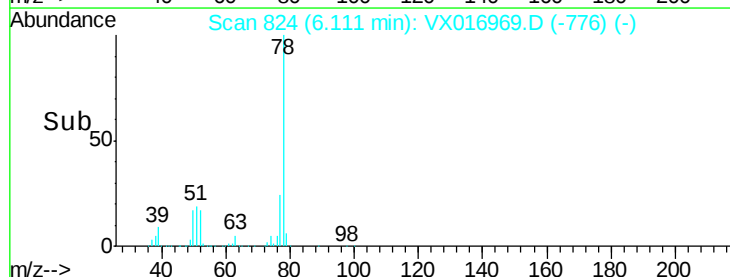
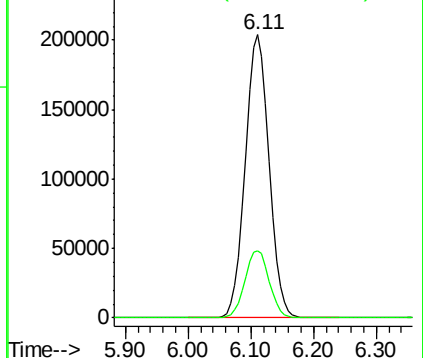
78 100

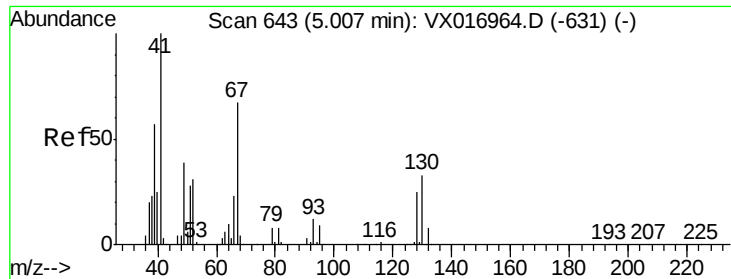
77 23.9 18.9 28.3



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

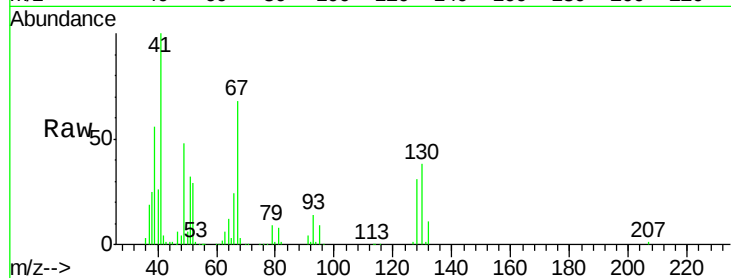




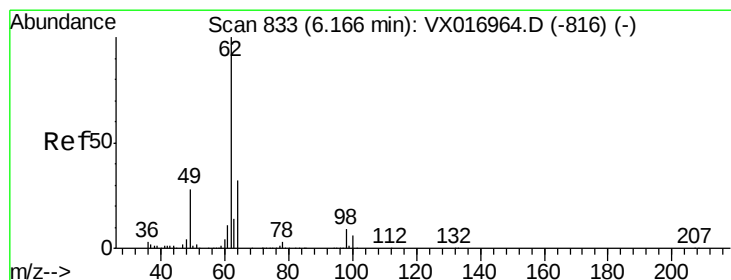
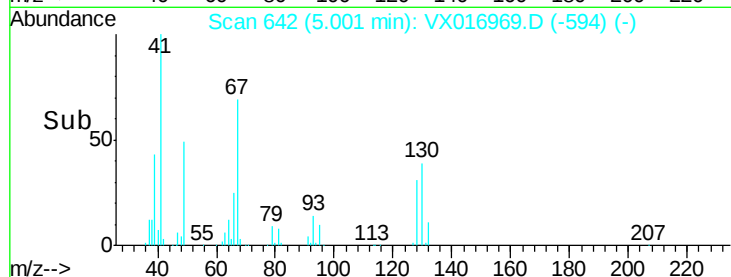
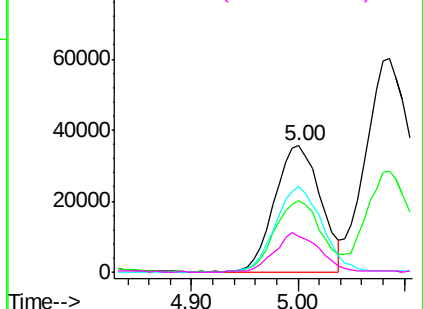
#41
Methacrylonitrile
Concen: 44.175 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX016969.D
Acq: 26 Jun 2020 09:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	105607
Ion	Ratio	Lower	Upper
41	100		
39	58.8	46.6	70.0
67	69.9	57.0	85.6
52	30.7	25.0	37.4

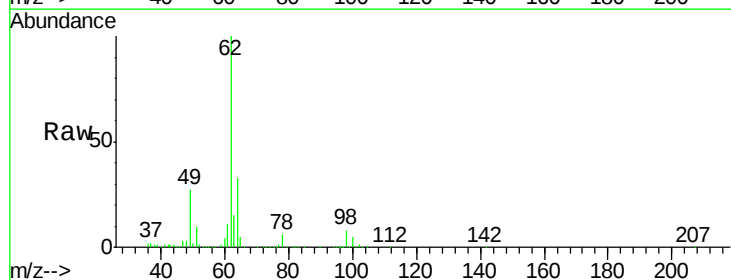


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

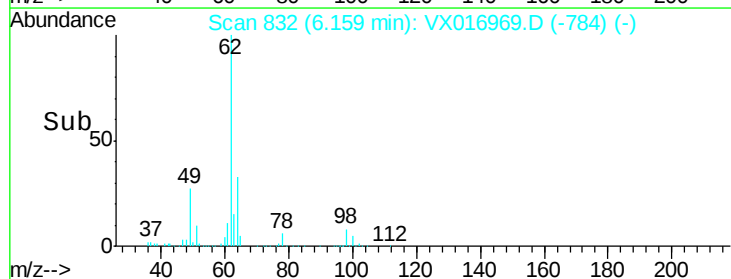
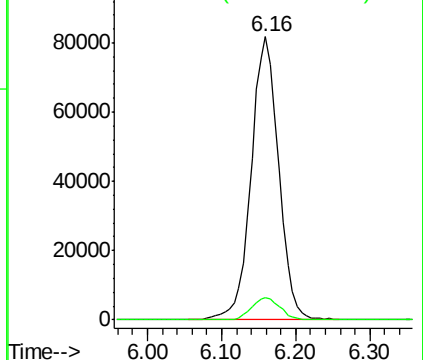


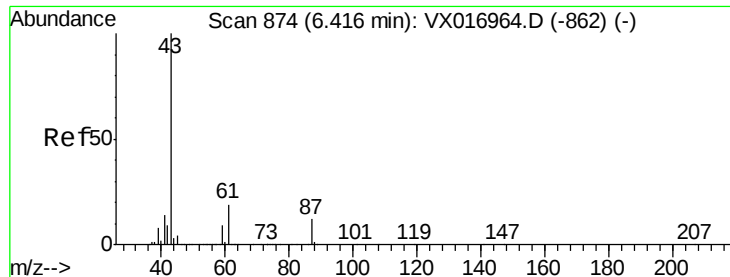
#42
1,2-Dichloroethane
Concen: 46.762 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX016969.D
Acq: 26 Jun 2020 09:26

Tgt Ion:	62	Resp:	211216
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	17.2



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



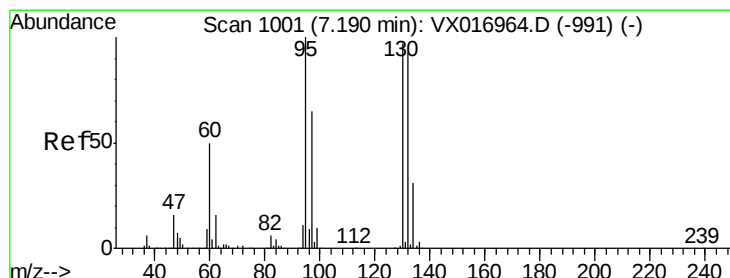
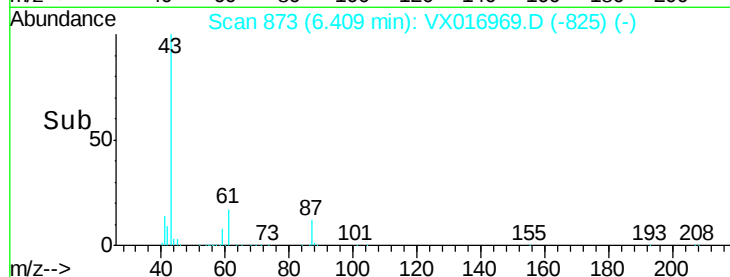
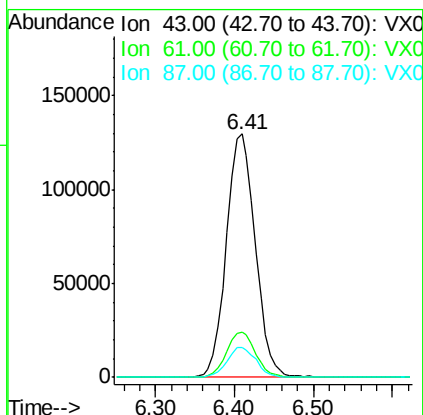
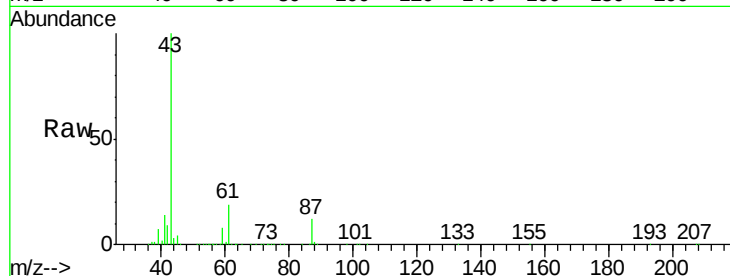


#43

Isopropyl Acetate
 Concen: 45.549 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX016969.D
 Acq: 26 Jun 2020 09:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

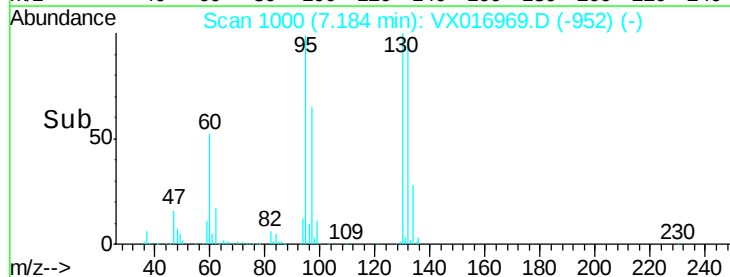
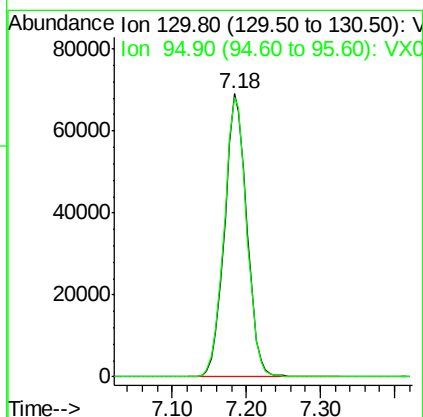
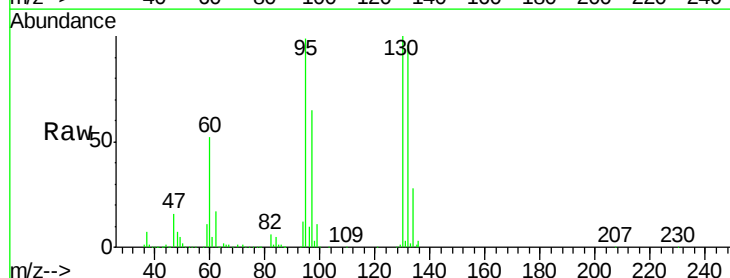
Tot Ion	43	Resp	328745
Ion Ratio	Lower	Upper	
43	100		
61	18.6	15.0	22.6
87	12.4	10.0	15.0

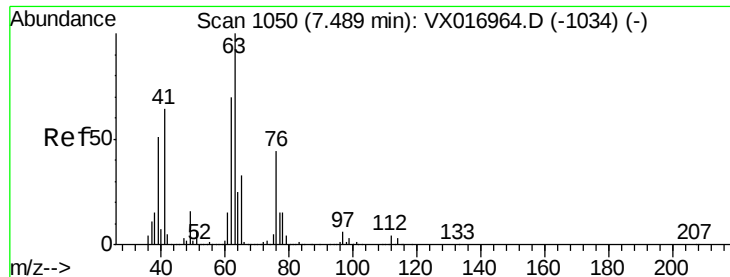


#44

Trichloroethene
 Concen: 47.099 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: VX016969.D
 Acq: 26 Jun 2020 09:26

Tgt Ion	130	Resp	144139
Ion Ratio	Lower	Upper	
130	100		
95	98.6	0.0	206.6





#45

1,2-Dichloropropane

Concen: 45.338 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

Instrument :

MSVOA_X

ClientSampleId :

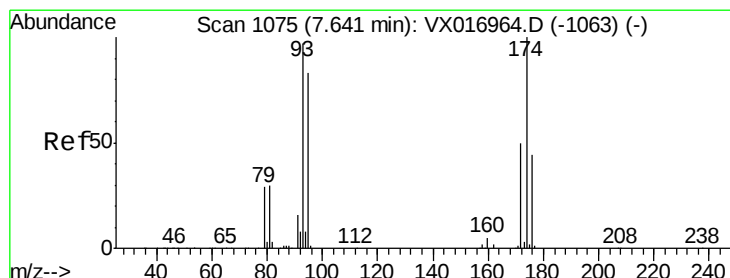
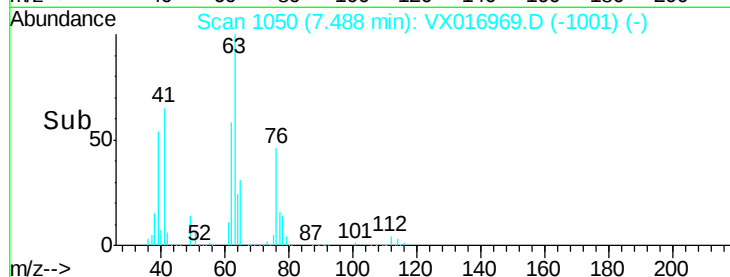
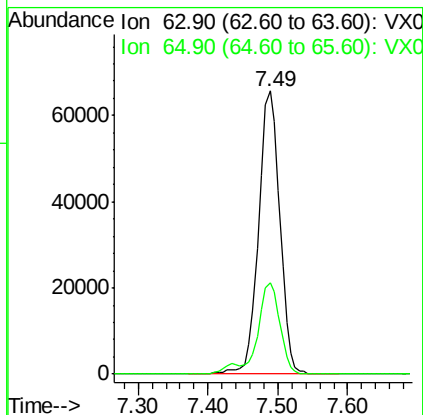
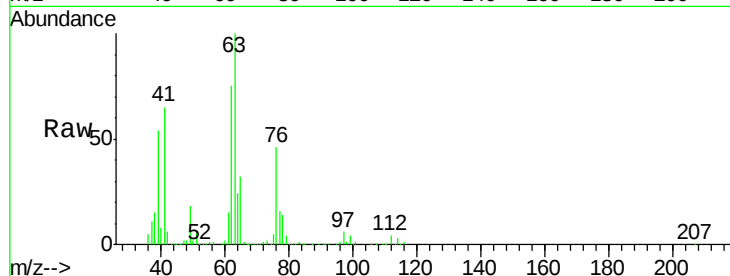
VSTDCCC050

Tot Ion: 63 Resp: 139342

Ion Ratio Lower Upper

63 100

65 32.3 26.1 39.1



#46

Dibromomethane

Concen: 45.887 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

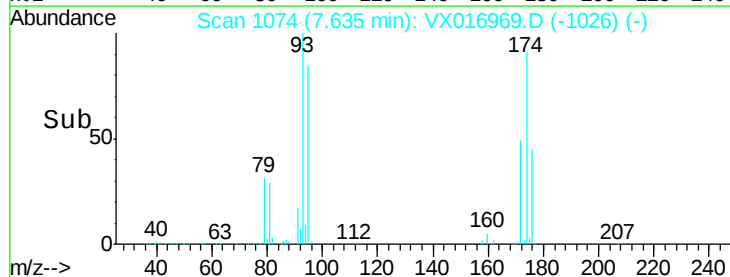
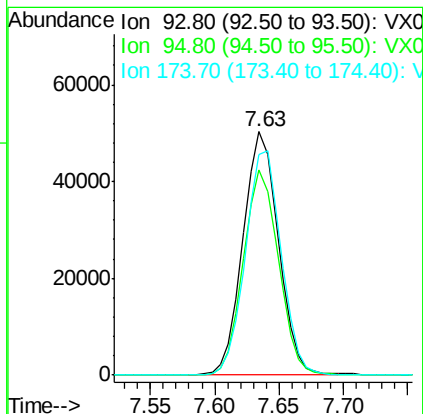
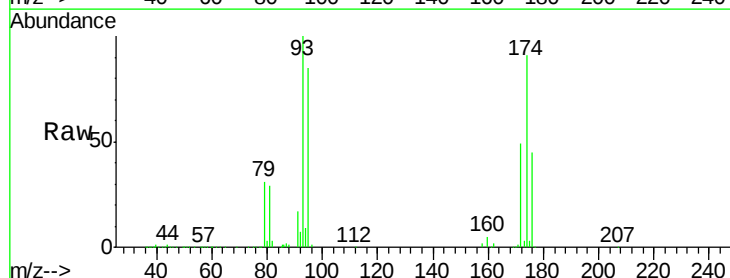
Tgt Ion: 93 Resp: 95808

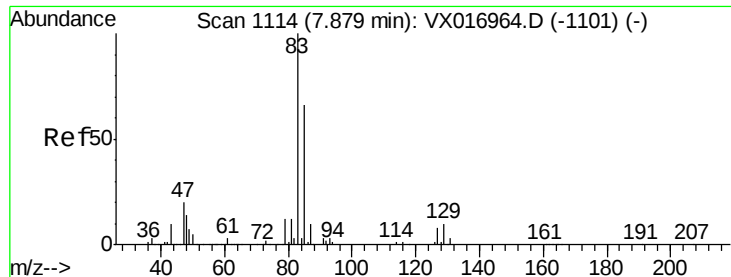
Ion Ratio Lower Upper

93 100

95 83.7 67.5 101.3

174 93.1 75.0 112.4





#47

Bromodichloromethane

Concen: 46.389 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

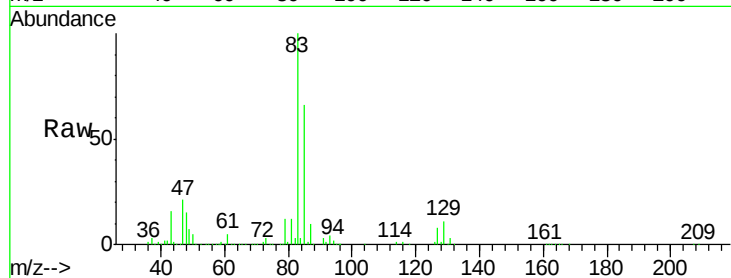
Tot Ion: 83 Resp: 202581

Ion Ratio Lower Upper

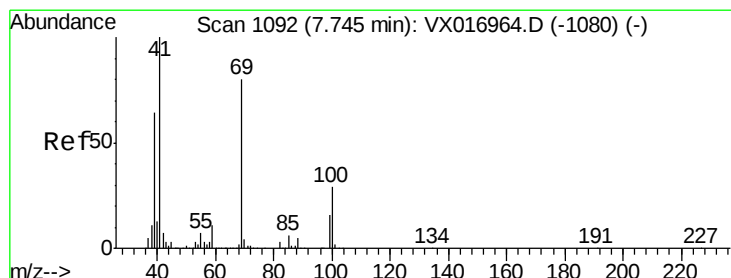
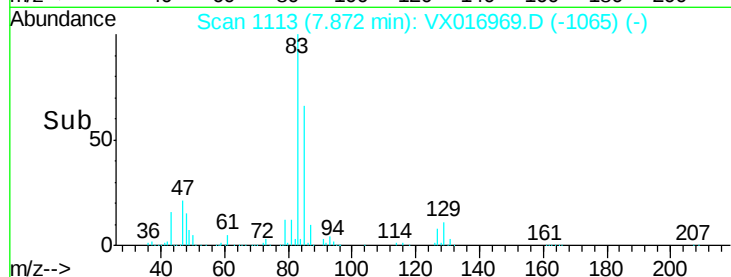
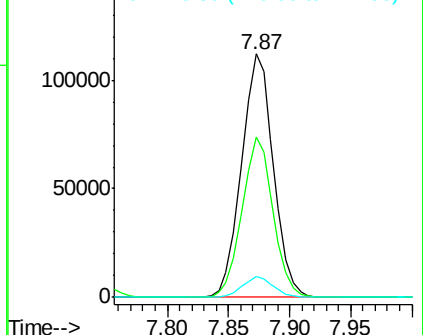
83 100

85 65.9 53.1 79.7

127 8.5 6.8 10.2



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 47.448 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

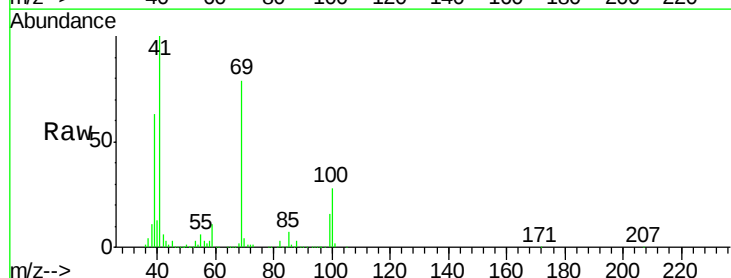
Tgt Ion: 41 Resp: 159914

Ion Ratio Lower Upper

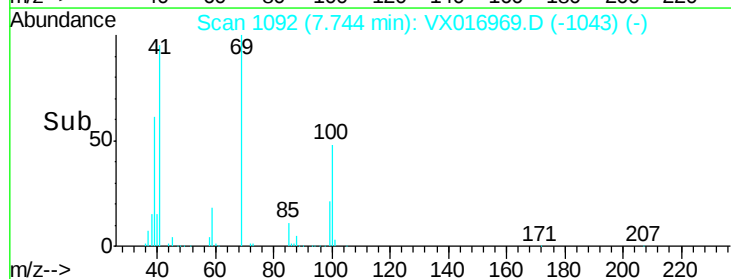
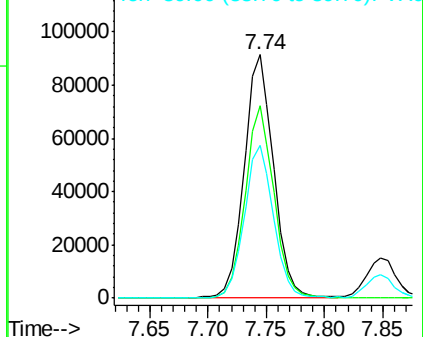
41 100

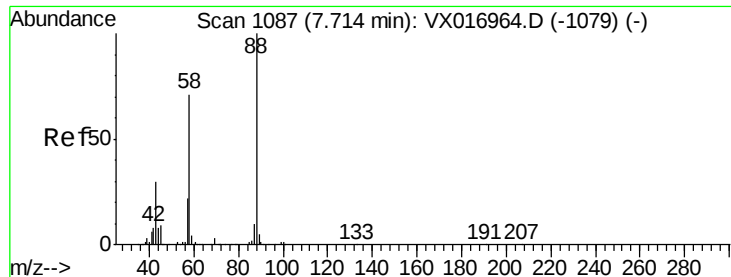
69 78.1 62.7 94.1

39 62.5 49.6 74.4



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

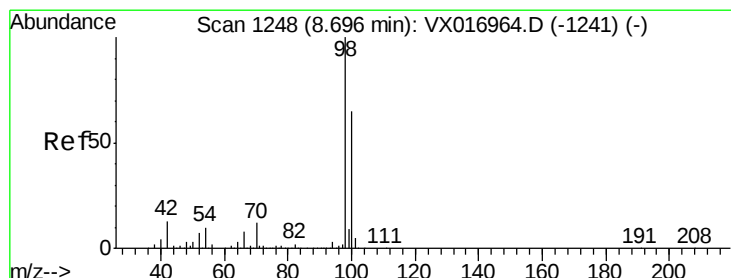
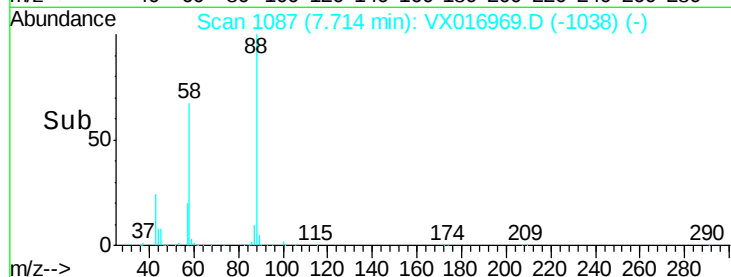
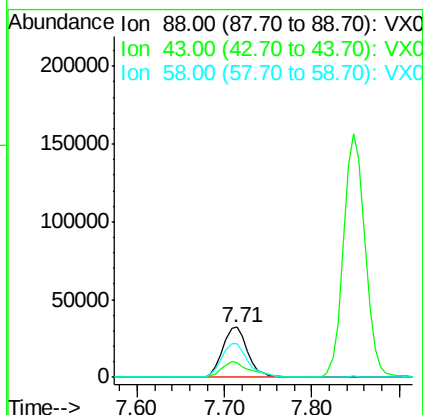
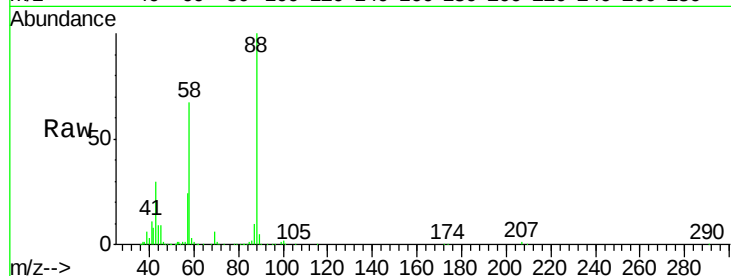




#49
1,4-Dioxane
Concen: 917.518 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX016969.D
Acq: 26 Jun 2020 09:26

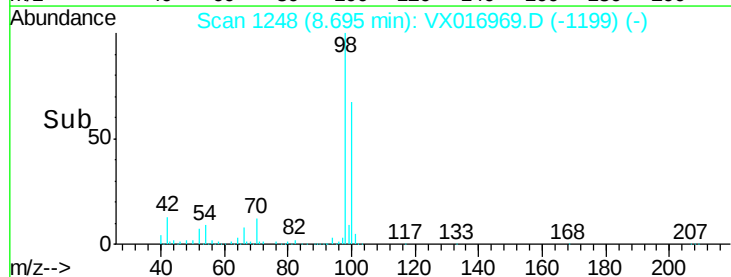
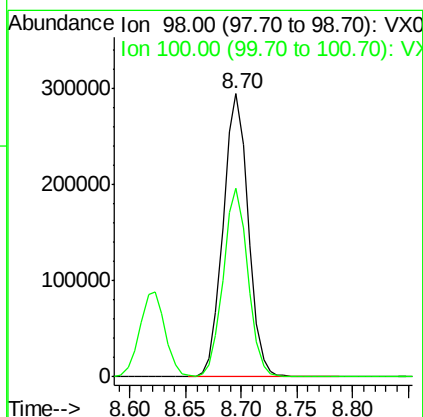
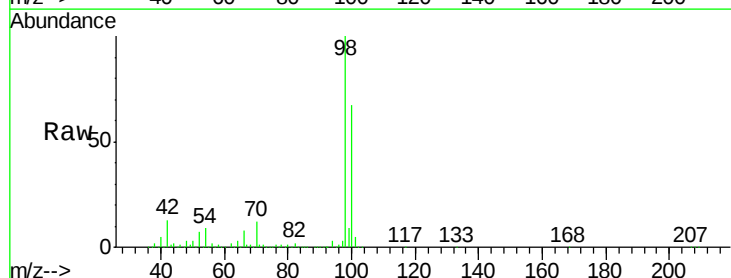
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

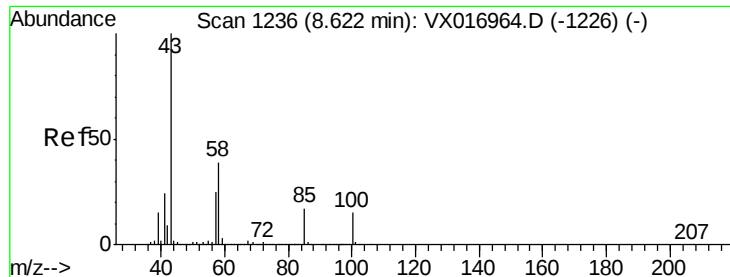
Tot Ion: 88 Resp: 64322
Ion Ratio Lower Upper
88 100
43 36.0 28.1 42.1
58 71.0 56.1 84.1



#50
Toluene-d8
Concen: 46.991 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016969.D
Acq: 26 Jun 2020 09:26

Tgt Ion: 98 Resp: 458664
Ion Ratio Lower Upper
98 100
100 65.5 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 231.169 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

Instrument :

MSVOA_X

ClientSampleId :

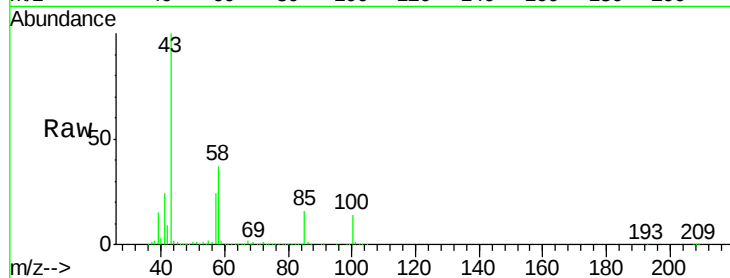
VSTDCCC050

Tot Ion: 43 Resp: 954873

Ion Ratio Lower Upper

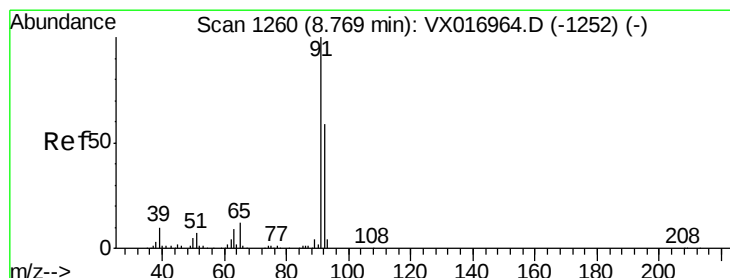
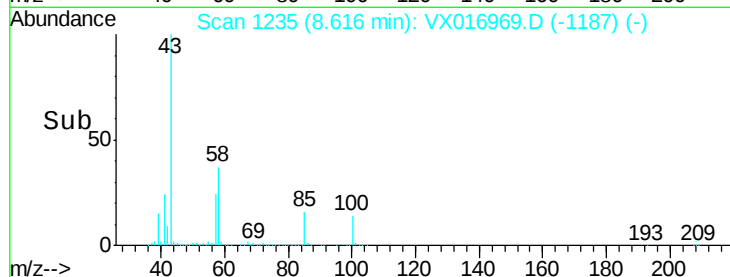
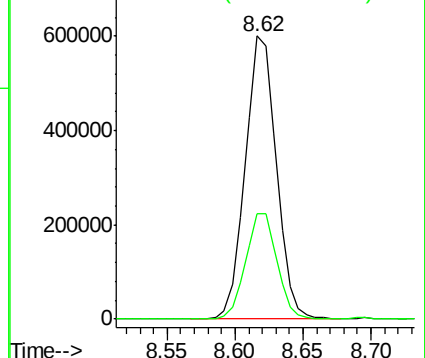
43 100

58 37.7 30.4 45.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 47.204 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX016969.D

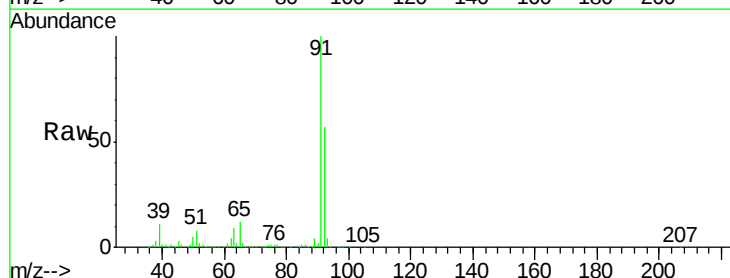
Acq: 26 Jun 2020 09:26

Tgt Ion: 92 Resp: 334475

Ion Ratio Lower Upper

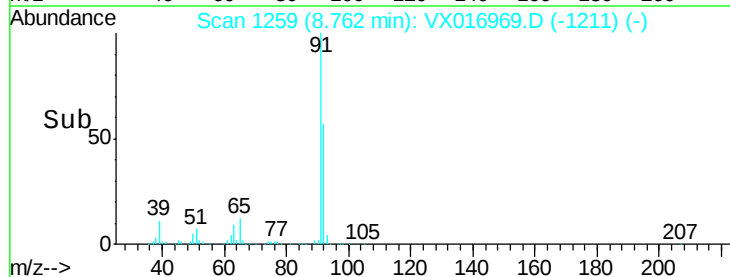
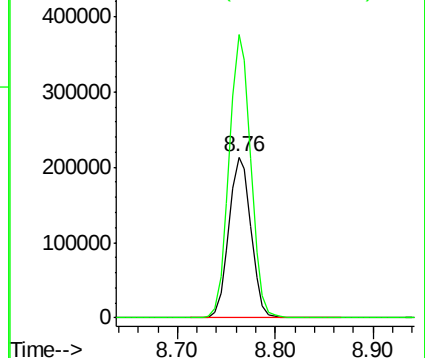
92 100

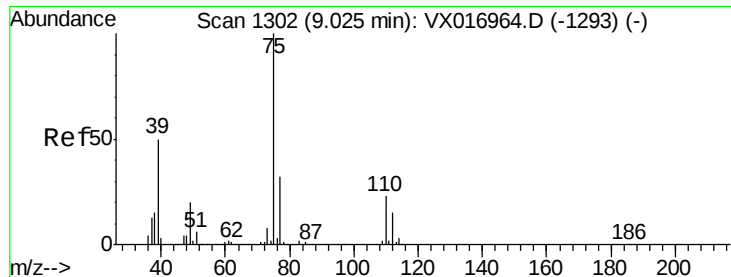
91 173.0 136.7 205.1



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 48.519 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

Instrument :

MSVOA_X

ClientSampleId :

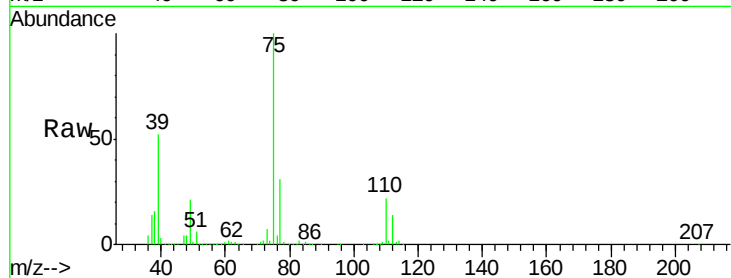
VSTDCCC050

Tot Ion: 75 Resp: 226901

Ion Ratio Lower Upper

75 100

77 31.5 25.8 38.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.02

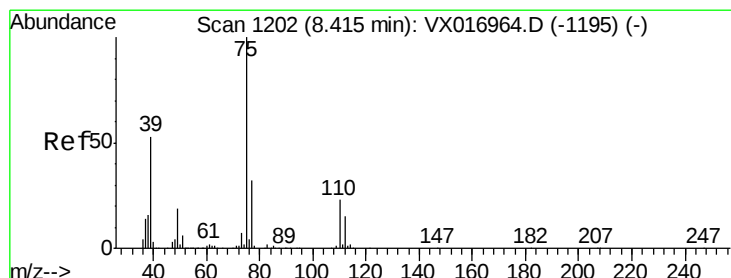
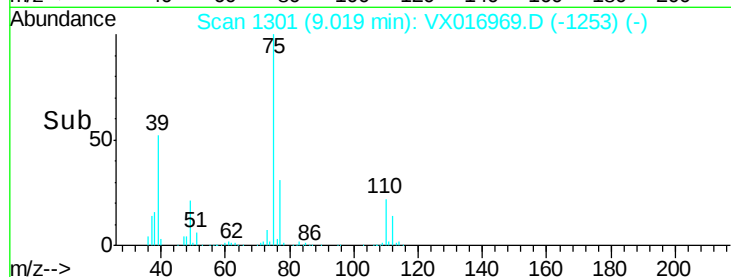
150000

100000

50000

0

Time--> 8.90 9.00 9.10



#54

cis-1,3-Dichloropropene

Concen: 48.276 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

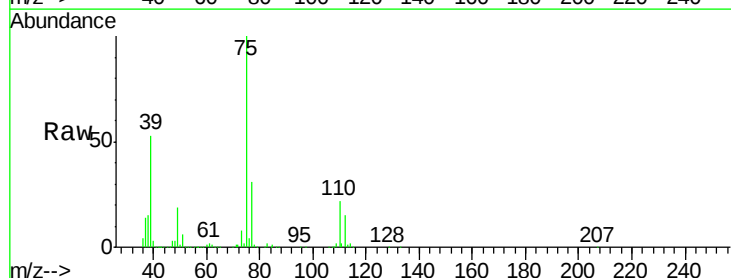
Tgt Ion: 75 Resp: 237328

Ion Ratio Lower Upper

75 100

77 31.0 25.7 38.5

39 53.1 42.7 64.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.42

200000

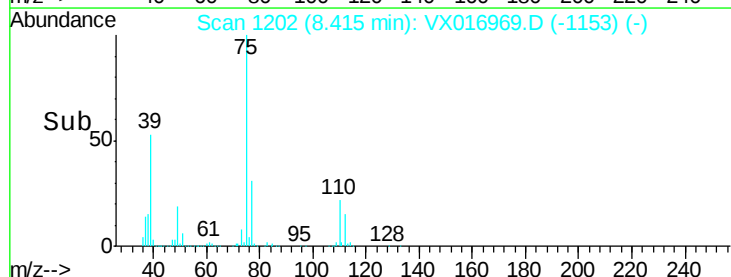
150000

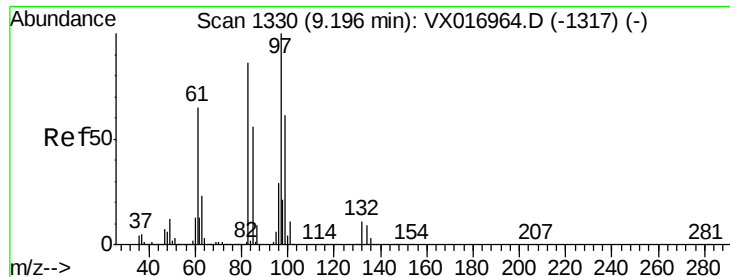
100000

50000

0

Time--> 8.30 8.35 8.40 8.45 8.50

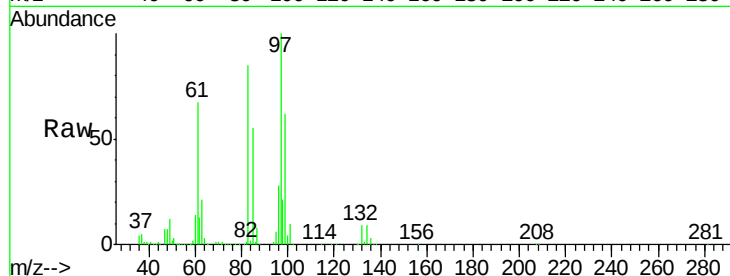




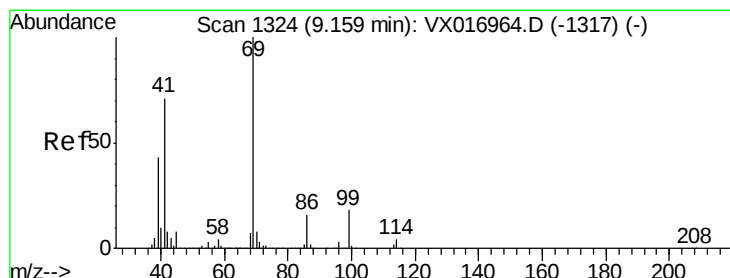
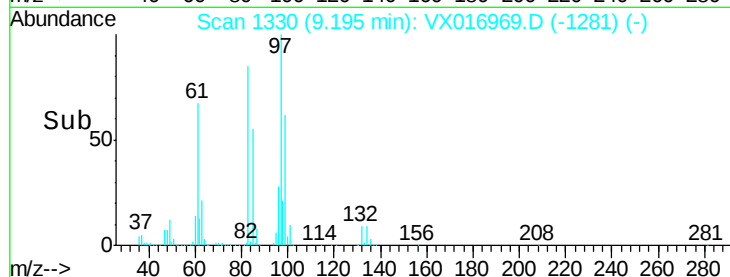
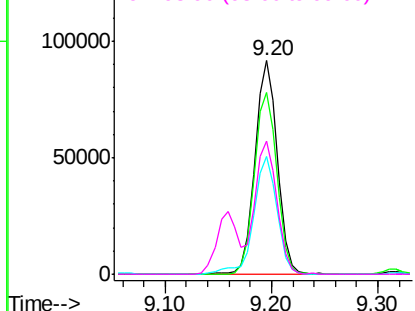
#55
 1,1,2-Trichloroethane
 Concen: 46.261 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016969.D
 Acq: 26 Jun 2020 09:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 97 Resp: 134690
 Ion Ratio Lower Upper
 97 100
 83 85.0 68.6 103.0
 85 54.9 44.5 66.7
 99 62.5 49.0 73.4

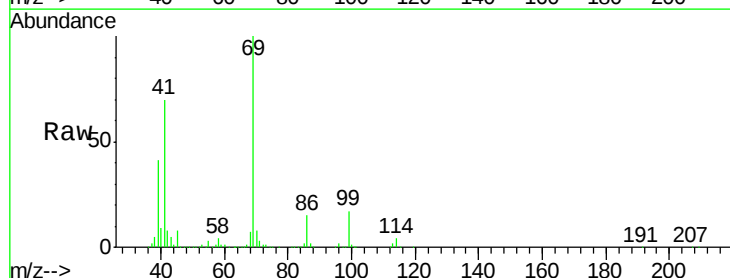


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

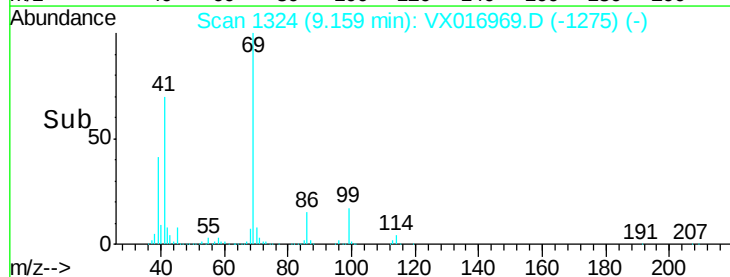
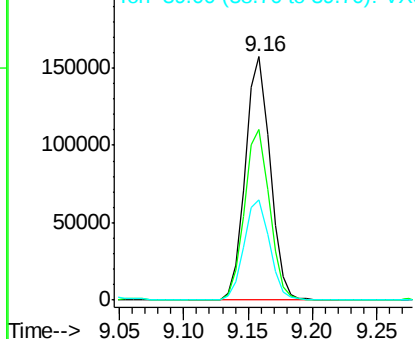


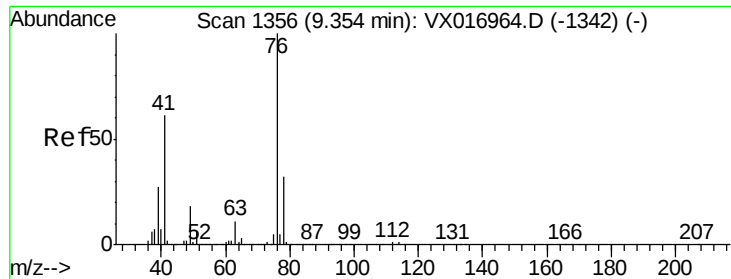
#56
 Ethyl methacrylate
 Concen: 47.976 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016969.D
 Acq: 26 Jun 2020 09:26

Tgt Ion: 69 Resp: 209345
 Ion Ratio Lower Upper
 69 100
 41 71.3 55.9 83.9
 39 42.6 34.6 51.8



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 46.527 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

Instrument :

MSVOA_X

ClientSampleId :

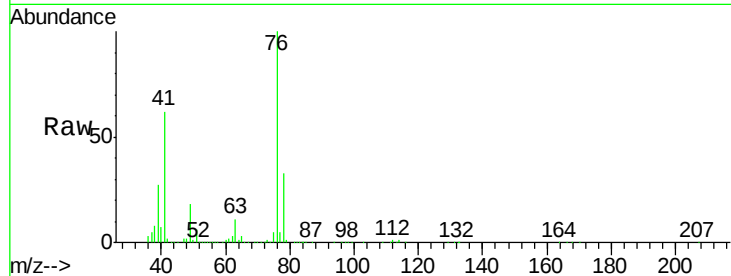
VSTDCCC050

Tot Ion: 76 Resp: 231898

Ion Ratio Lower Upper

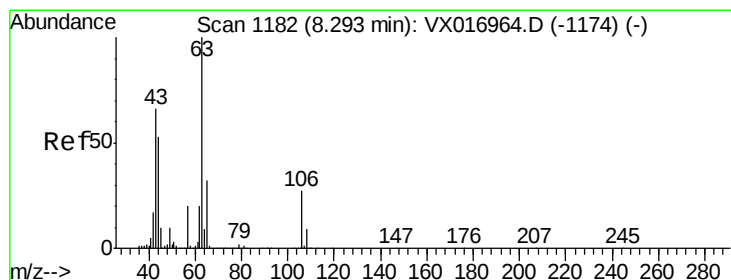
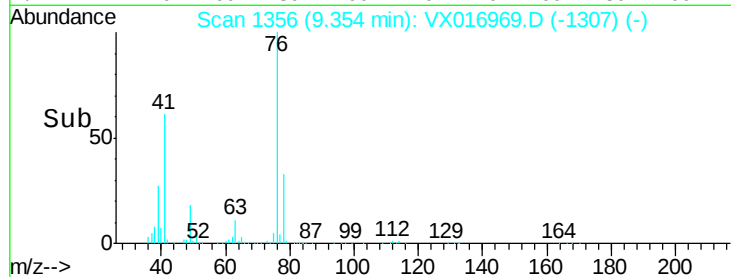
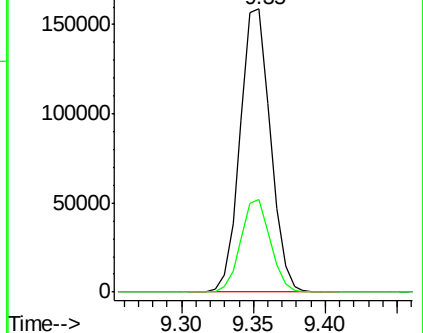
76 100

78 32.2 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 239.397 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX016969.D

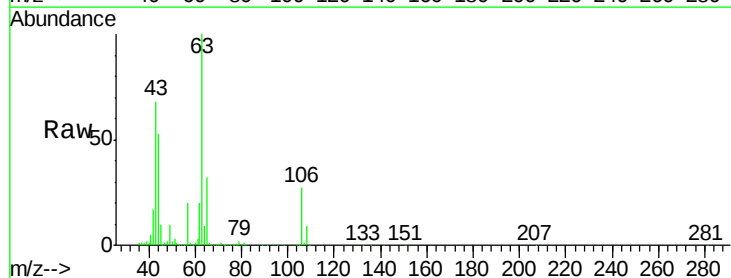
Acq: 26 Jun 2020 09:26

Tgt Ion: 63 Resp: 539701

Ion Ratio Lower Upper

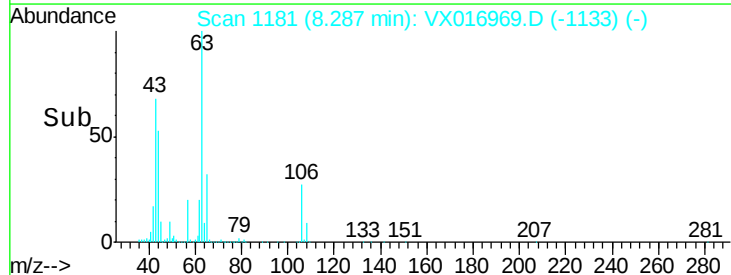
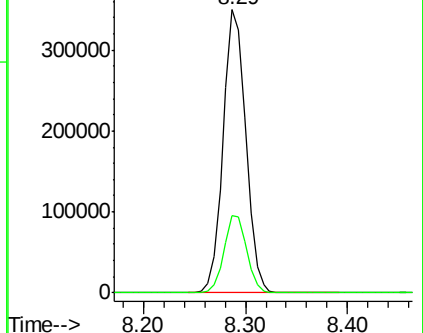
63 100

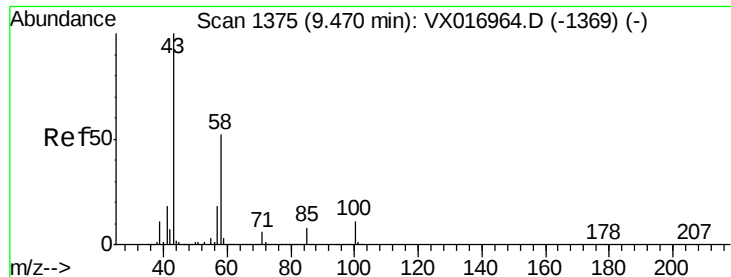
106 27.4 22.1 33.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

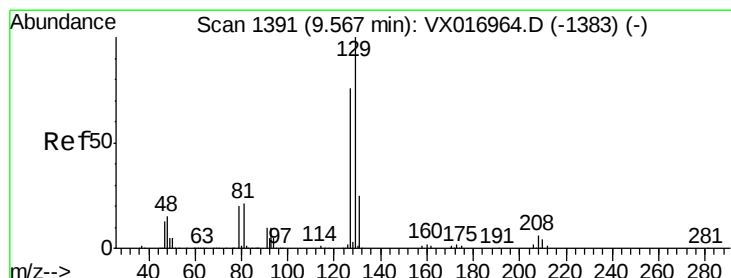
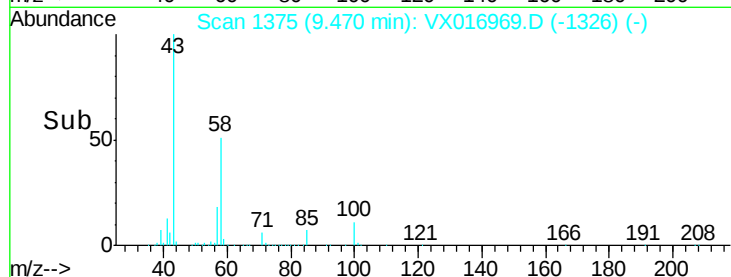
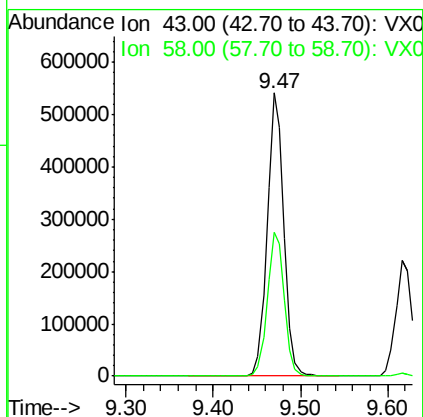
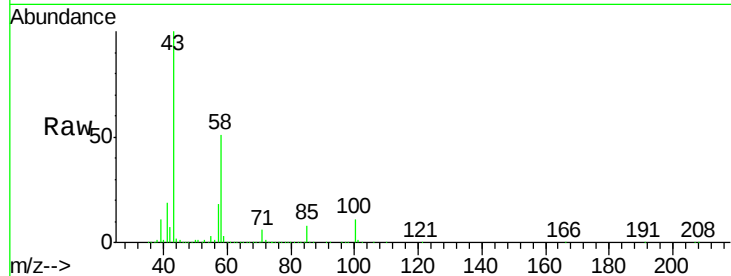




#59
2-Hexanone
Concen: 232.446 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX016969.D
Acq: 26 Jun 2020 09:26

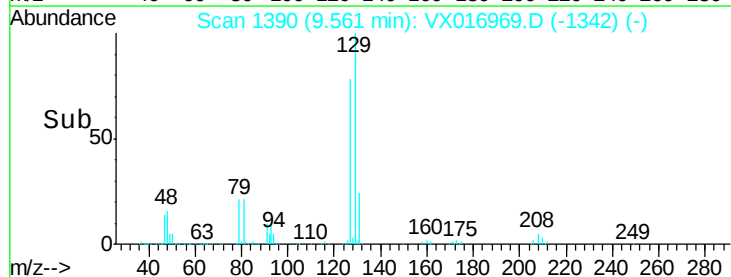
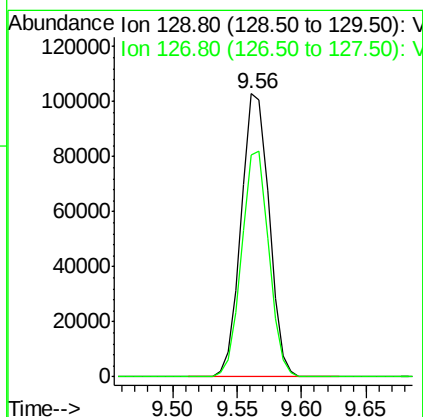
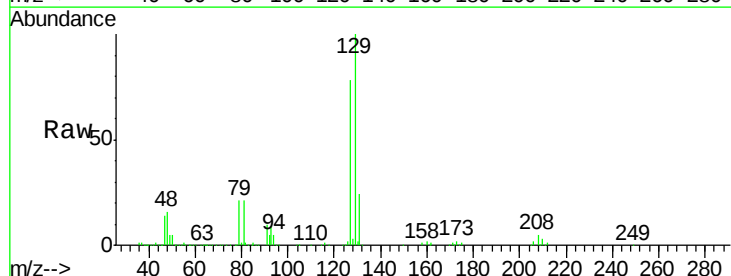
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

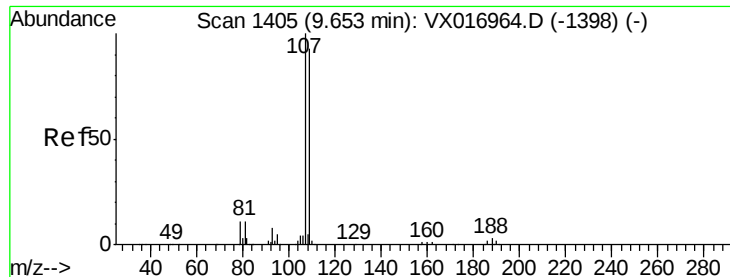
Tot Ion: 43 Resp: 722302
Ion Ratio Lower Upper
43 100
58 52.0 26.3 78.9



#60
Dibromochloromethane
Concen: 46.549 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX016969.D
Acq: 26 Jun 2020 09:26

Tgt Ion: 129 Resp: 154494
Ion Ratio Lower Upper
129 100
127 77.5 38.0 114.0





#61

1,2-Dibromoethane

Concen: 45.429 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

Instrument :

MSVOA_X

ClientSampleId :

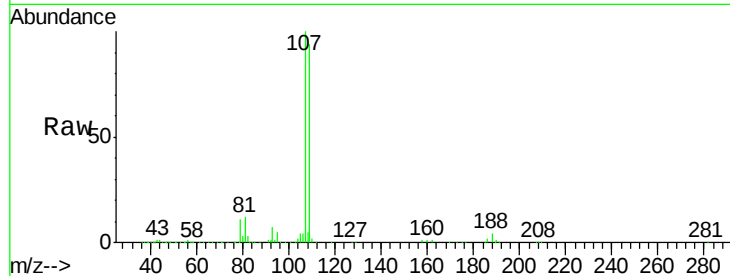
VSTDCCC050

Tot Ion:107 Resp: 141223

Ion Ratio Lower Upper

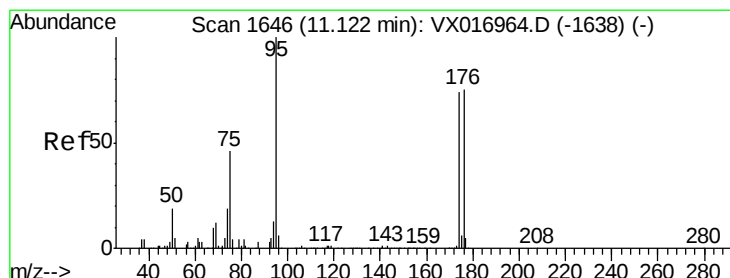
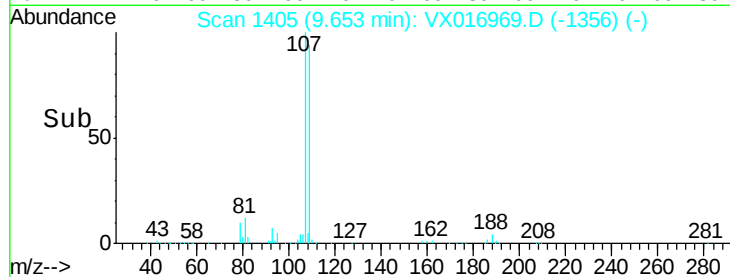
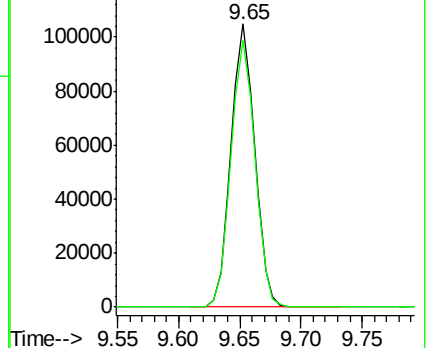
107 100

109 95.1 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.846 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

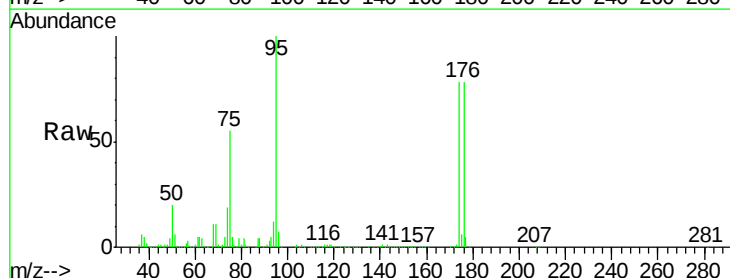
Tgt Ion: 95 Resp: 176814

Ion Ratio Lower Upper

95 100

174 75.6 0.0 149.6

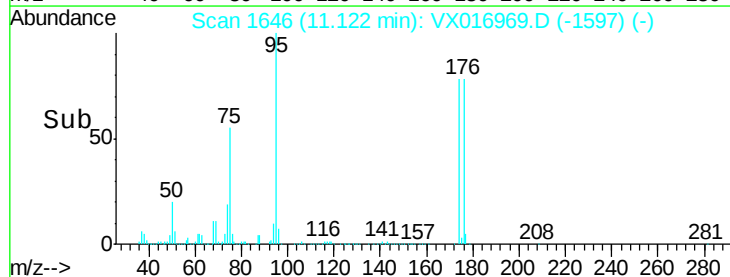
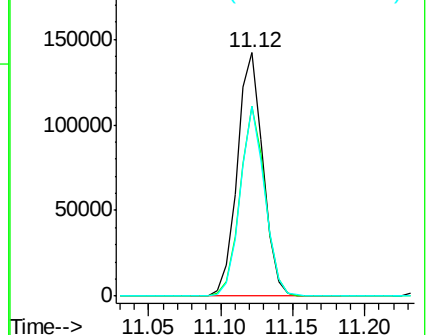
176 74.3 0.0 148.2

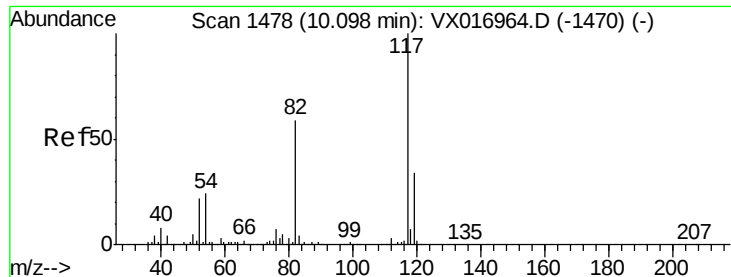


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

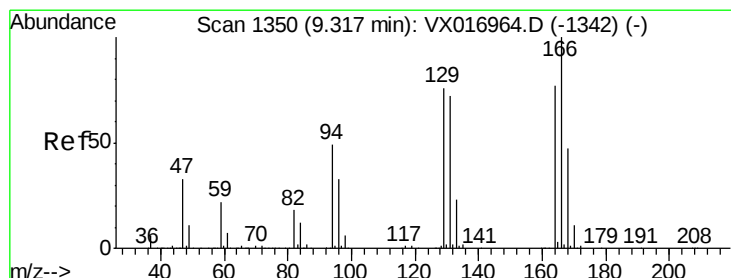
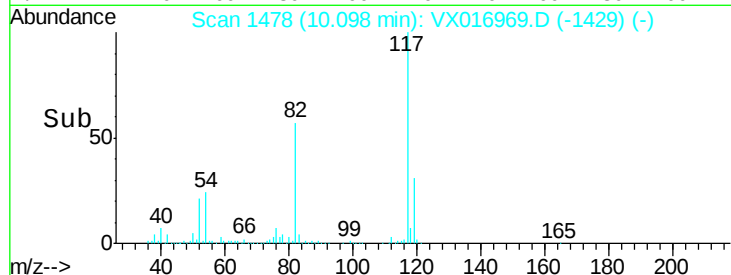
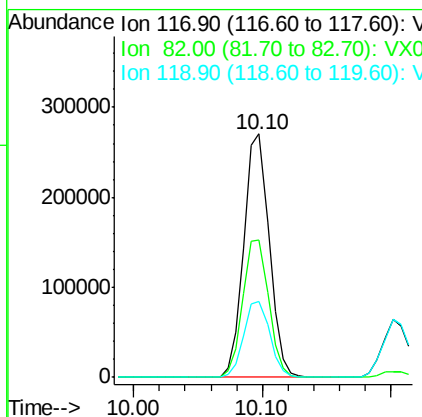
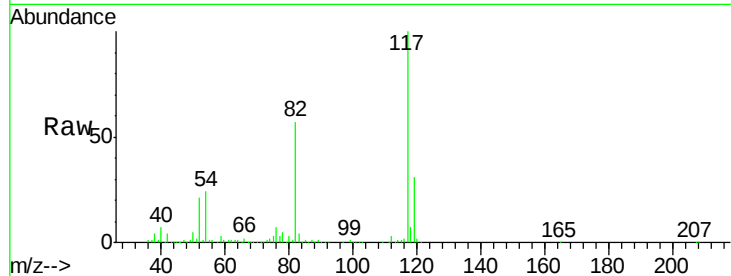




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016969.D
Acq: 26 Jun 2020 09:26

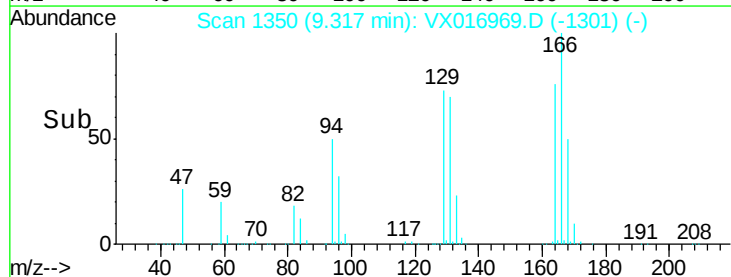
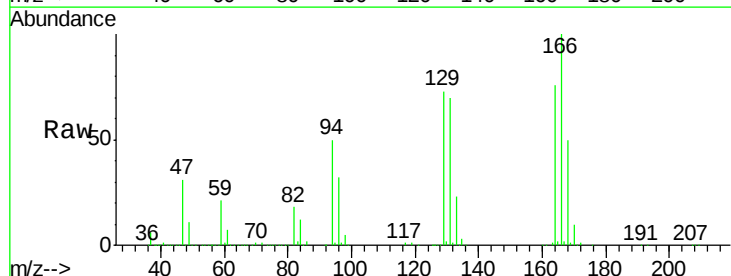
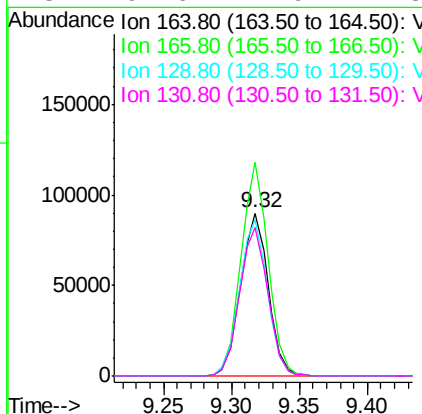
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

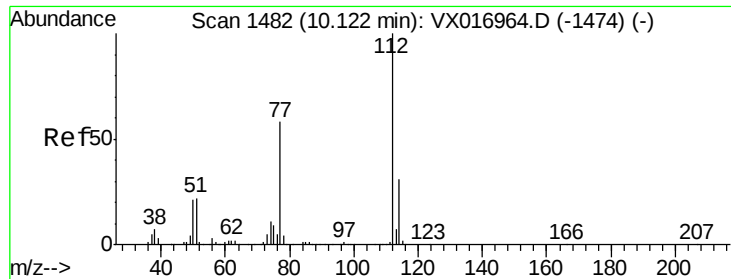
Tot Ion:117 Resp: 368256
Ion Ratio Lower Upper
117 100
82 56.6 46.8 70.2
119 31.3 27.3 40.9



#64
Tetrachloroethene
Concen: 50.984 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016969.D
Acq: 26 Jun 2020 09:26

Tgt Ion:164 Resp: 127093
Ion Ratio Lower Upper
164 100
166 131.3 104.2 156.4
129 96.0 79.3 118.9
131 91.6 74.9 112.3

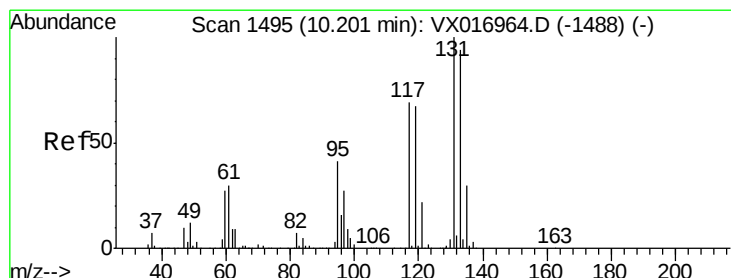
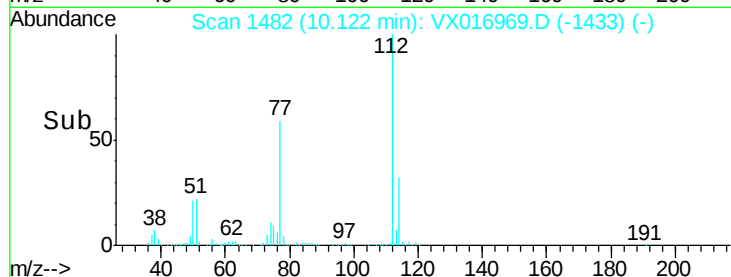
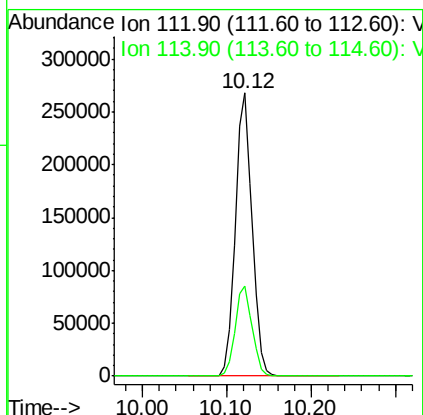
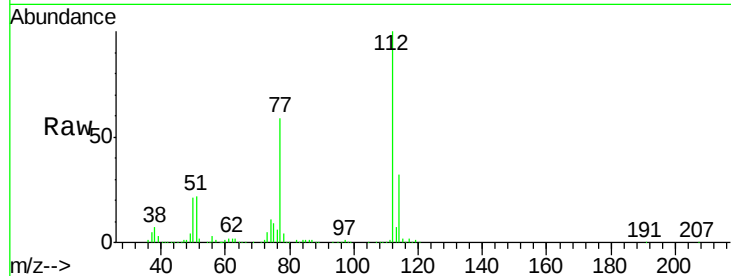




#65
Chlorobenzene
Concen: 47.293 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016969.D
Acq: 26 Jun 2020 09:26

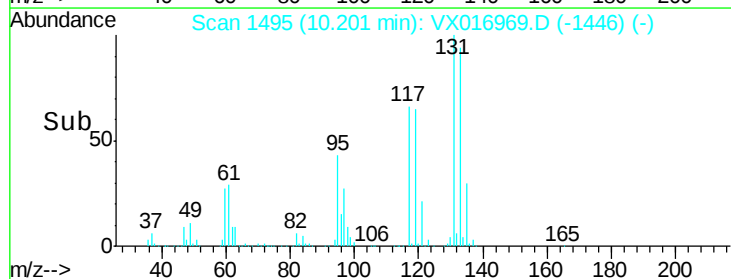
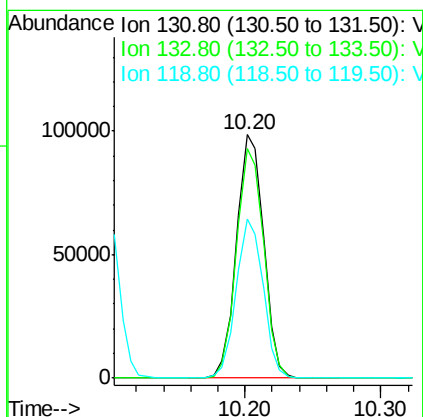
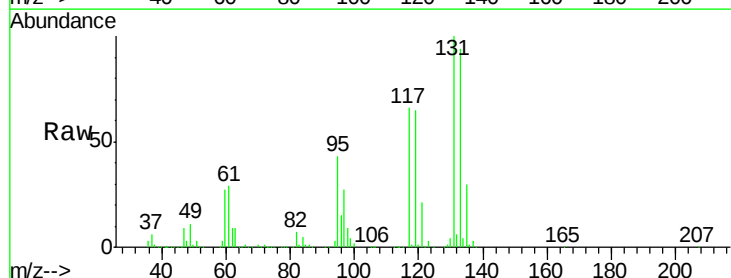
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

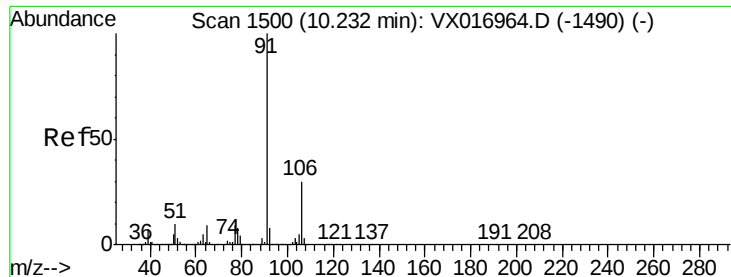
Tot Ion:112 Resp: 356156
Ion Ratio Lower Upper
112 100
114 31.7 24.8 37.2



#66
1,1,1,2-Tetrachloroethane
Concen: 49.022 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX016969.D
Acq: 26 Jun 2020 09:26

Tgt Ion:131 Resp: 137203
Ion Ratio Lower Upper
131 100
133 94.5 48.0 144.0
119 64.7 32.8 98.4

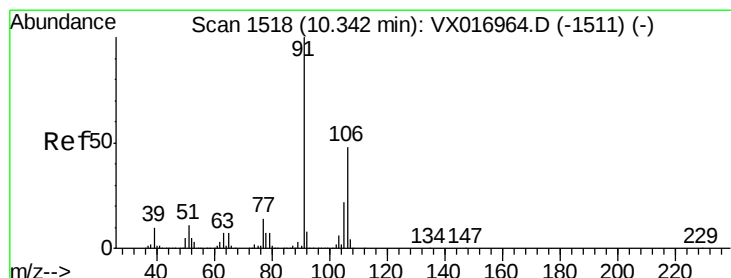
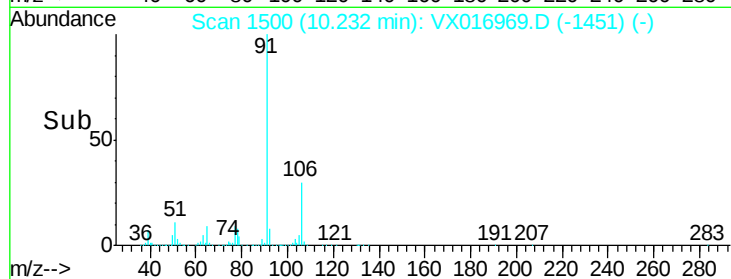
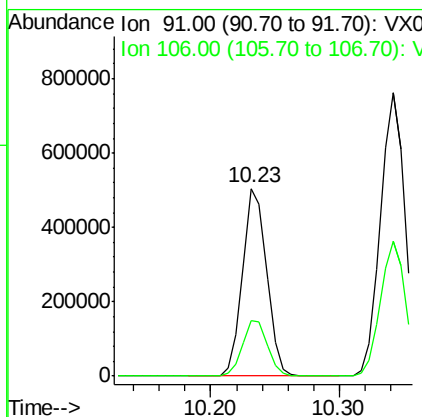
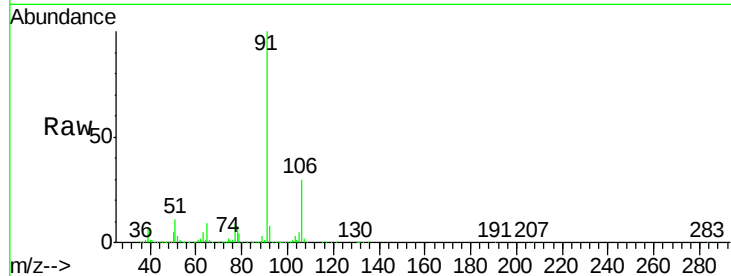




#67
Ethyl Benzene
Concen: 49.657 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.00 min
Lab File: VX016969.D
Acq: 26 Jun 2020 09:26

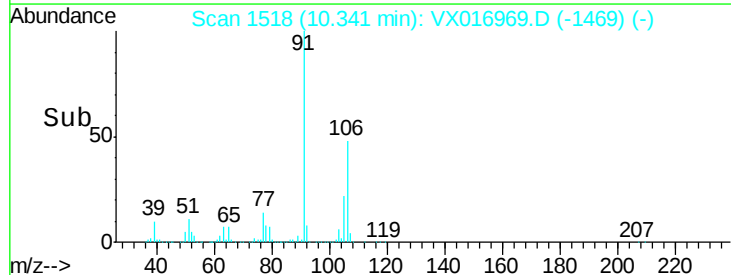
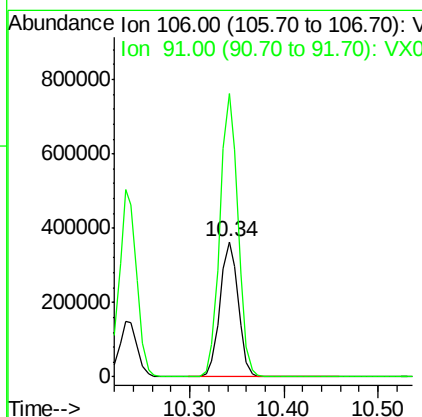
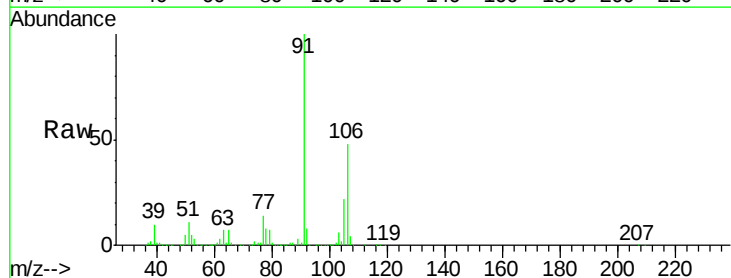
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

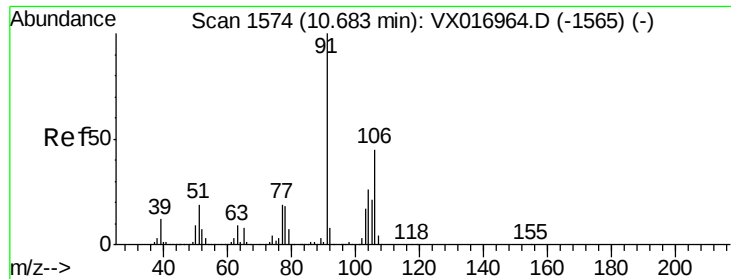
Tot Ion: 91 Resp: 656463
Ion Ratio Lower Upper
91 100
106 29.8 24.1 36.1



#68
m/p-Xylenes
Concen: 99.559 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016969.D
Acq: 26 Jun 2020 09:26

Tgt Ion: 106 Resp: 488960
Ion Ratio Lower Upper
106 100
91 206.5 164.1 246.1

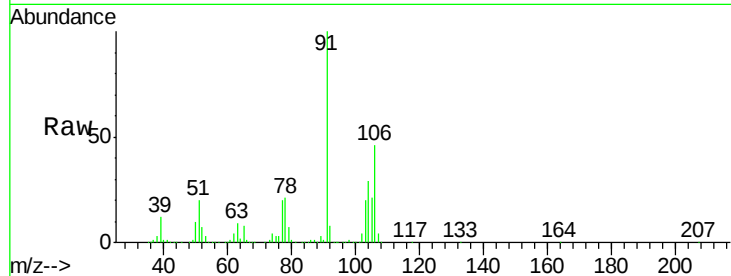




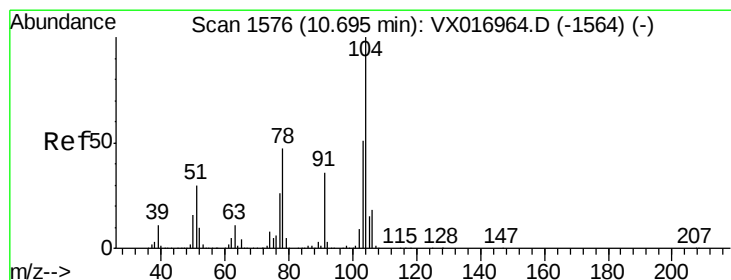
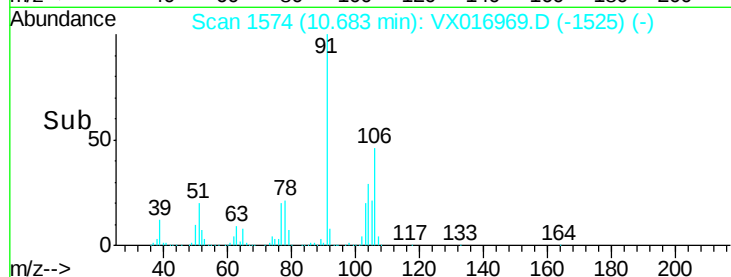
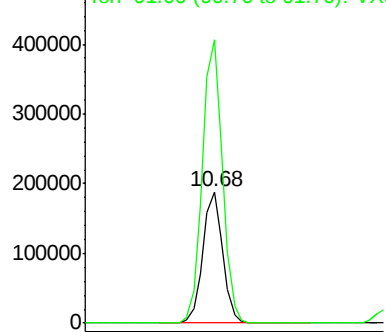
#69
o-Xylene
Concen: 49.373 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016969.D
Acq: 26 Jun 2020 09:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 231338
Ion Ratio Lower Upper
106 100
91 218.7 109.1 327.2

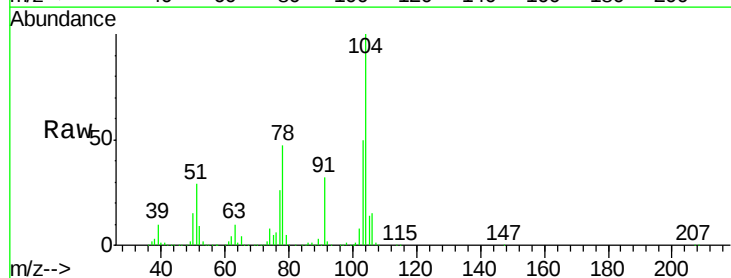


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

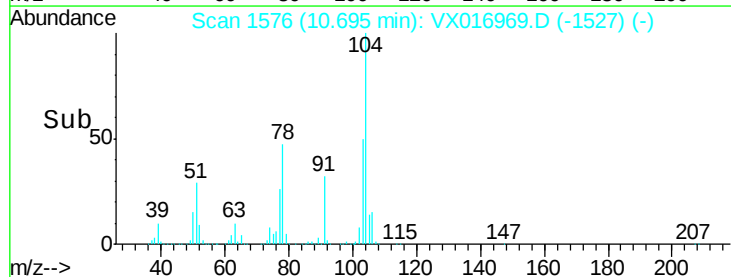
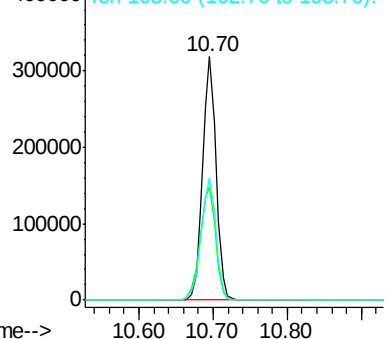


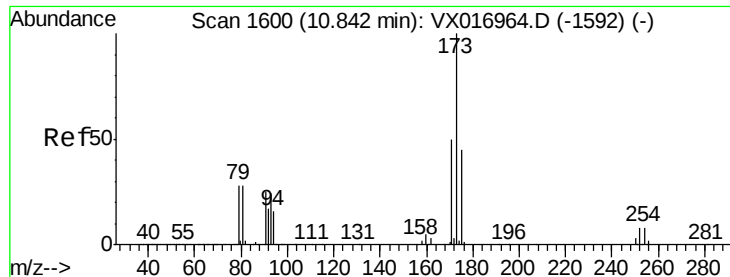
#70
Styrene
Concen: 50.913 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016969.D
Acq: 26 Jun 2020 09:26

Tgt Ion:104 Resp: 406374
Ion Ratio Lower Upper
104 100
78 53.1 41.9 62.9
103 54.7 43.9 65.9



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 47.973 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

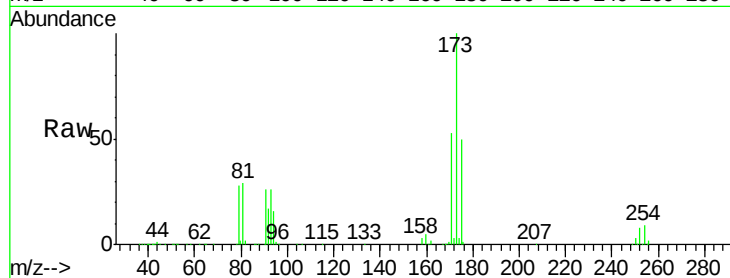
Tot Ion:173 Resp: 106757

Ion Ratio Lower Upper

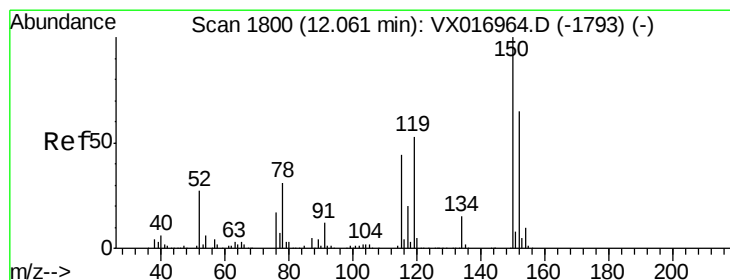
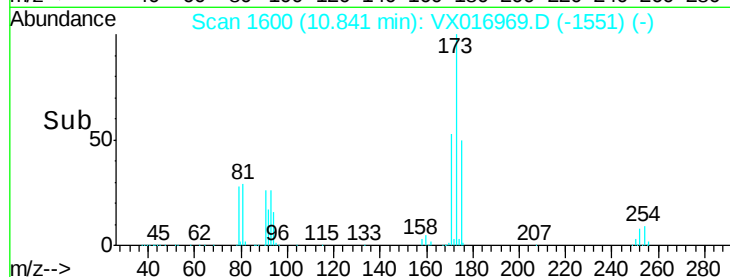
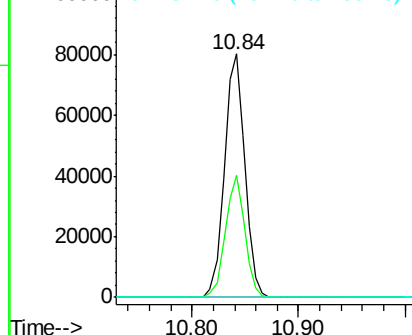
173 100

175 48.1 23.4 70.2

254 0.1 0.0 0.0#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

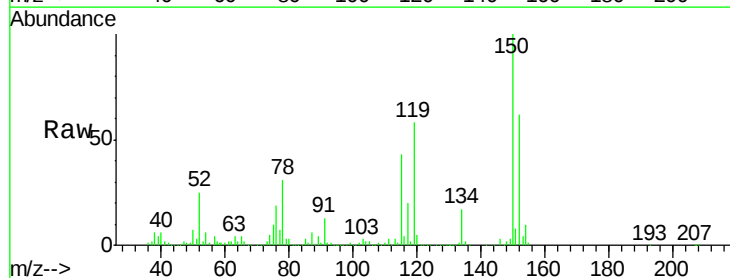
Tgt Ion:152 Resp: 187700

Ion Ratio Lower Upper

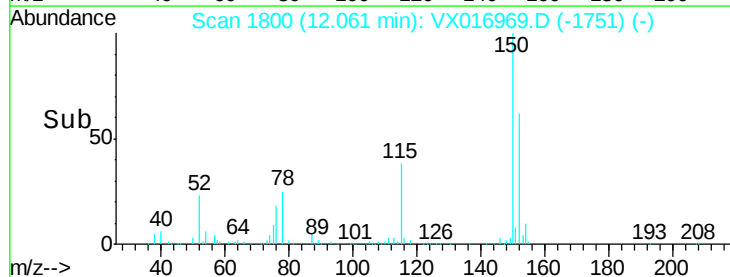
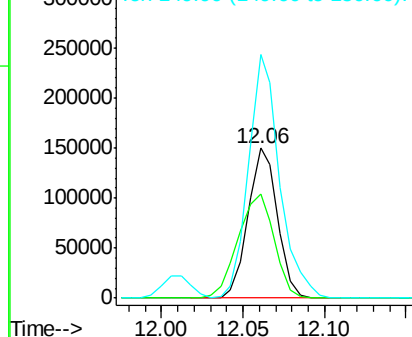
152 100

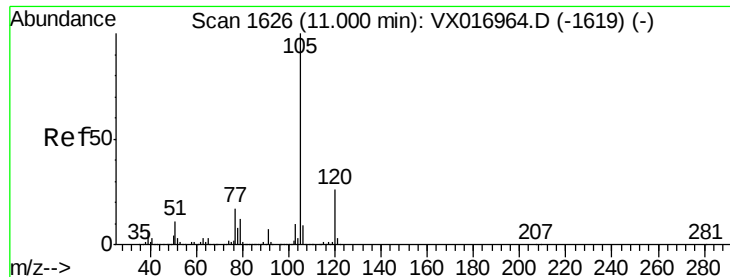
115 85.2 42.8 128.4

150 172.2 0.0 347.8



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: 49.151 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

Instrument :

MSVOA_X

ClientSampleId :

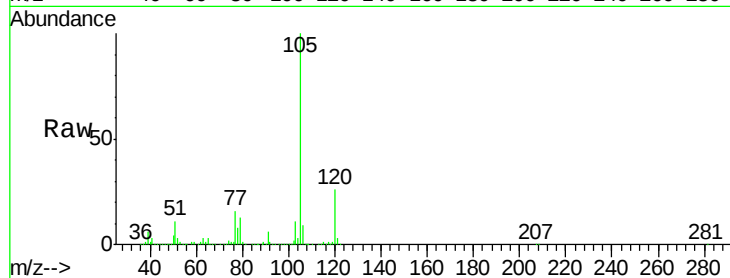
VSTDCCC050

Tot Ion:105 Resp: 635213

Ion Ratio Lower Upper

105 100

120 26.1 13.1 39.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

600000

500000

400000

300000

200000

100000

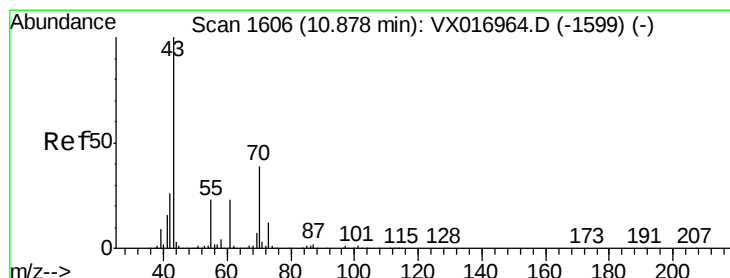
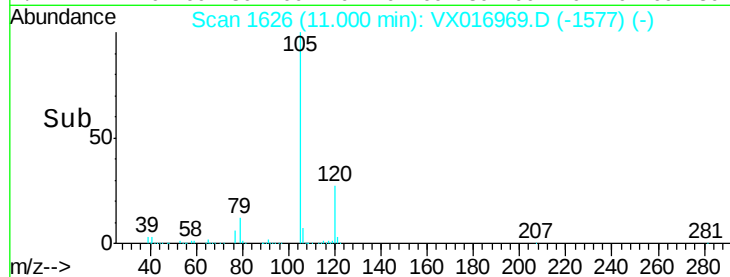
0

11.00

10.90

11.10

Time-->



#74

N-ethyl acetate

Concen: 48.537 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

Tgt Ion: 43 Resp: 295808

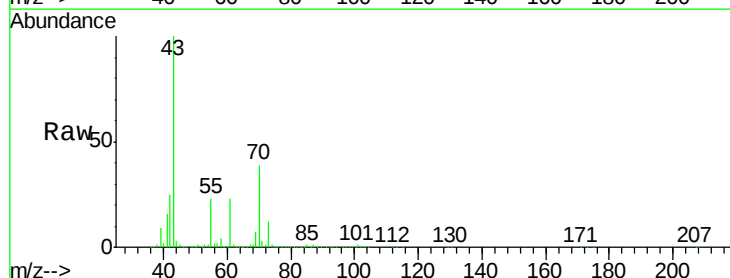
Ion Ratio Lower Upper

43 100

70 40.4 32.1 48.1

55 23.6 18.6 28.0

61 23.4 18.8 28.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

400000

300000

200000

100000

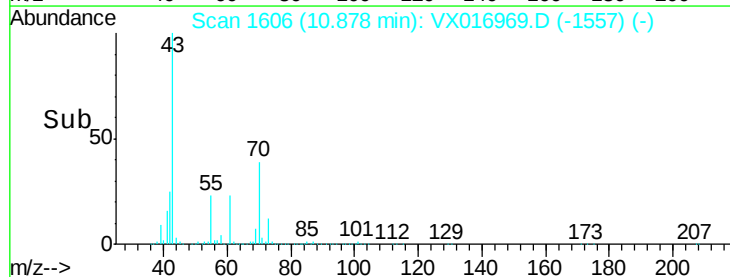
0

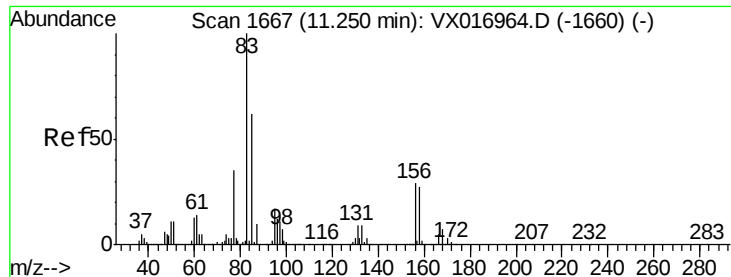
10.88

10.80

11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 44.365 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

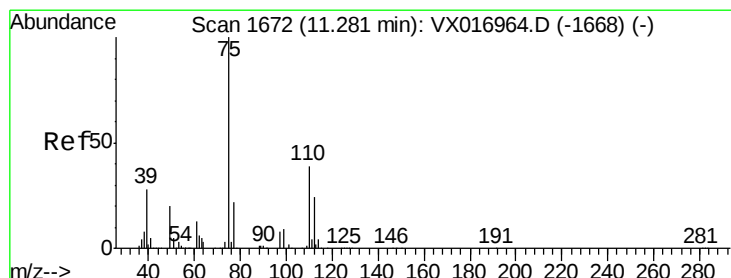
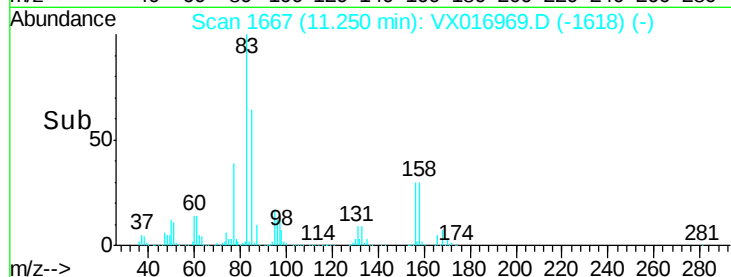
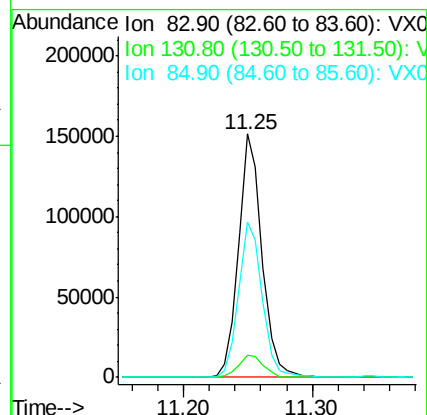
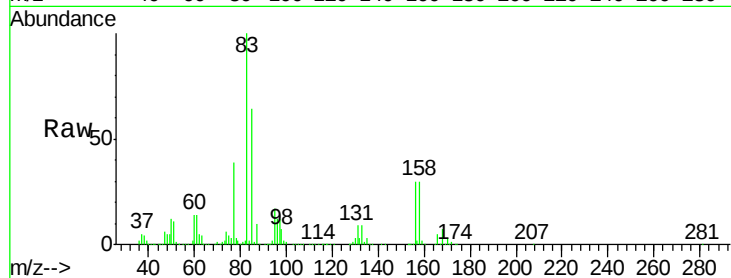
Tot Ion: 83 Resp: 192951

Ion Ratio Lower Upper

83 100

131 9.9 4.9 14.7

85 64.5 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 61.326 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016969.D

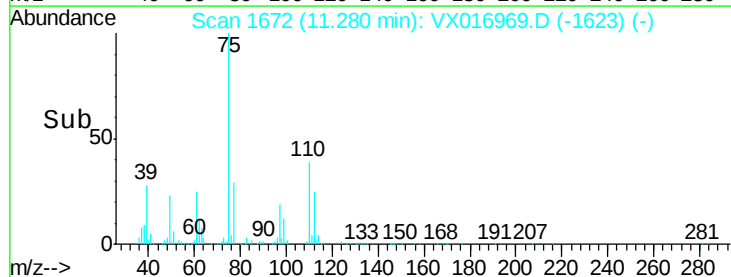
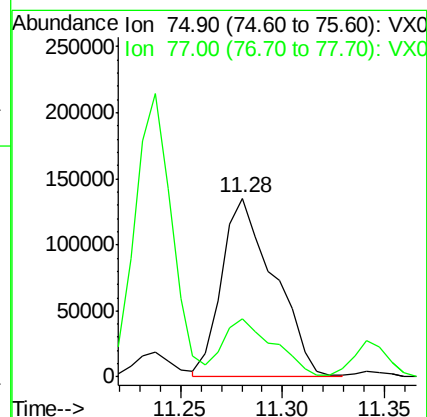
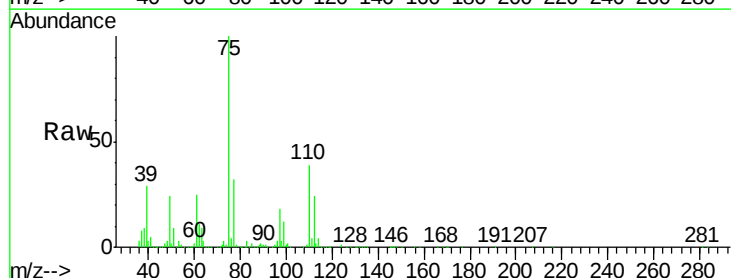
Acq: 26 Jun 2020 09:26

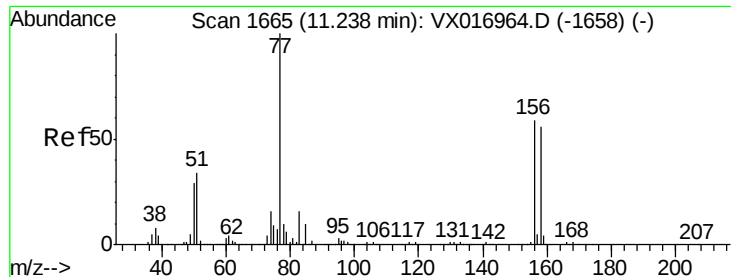
Tgt Ion: 75 Resp: 241567

Ion Ratio Lower Upper

75 100

77 31.4 20.3 61.0





#77

Bromobenzene

Concen: 45.971 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

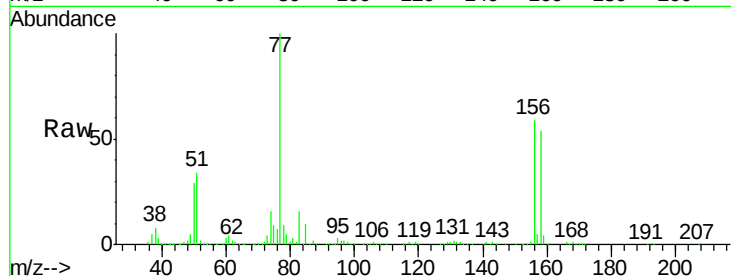
Tot Ion:156 Resp: 154035

Ion Ratio Lower Upper

156 100

77 174.8 85.2 255.6

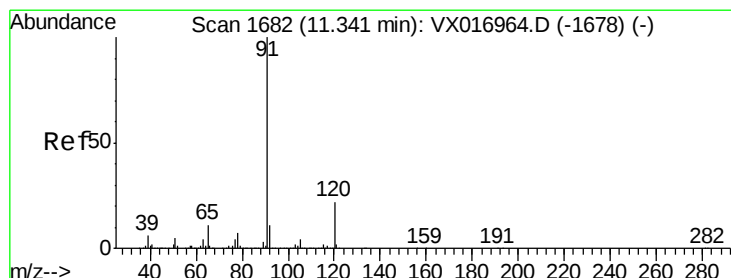
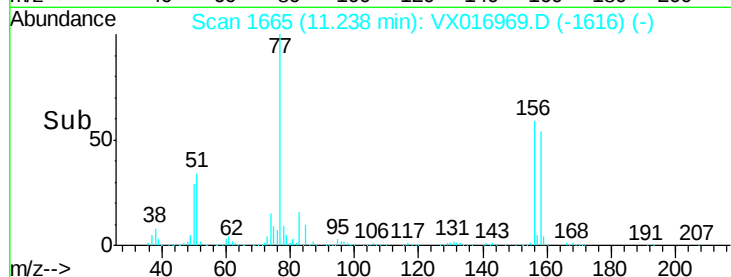
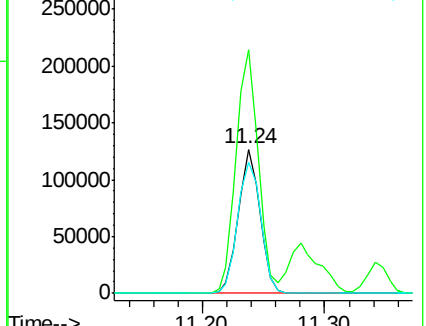
158 97.8 48.3 144.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.826 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX016969.D

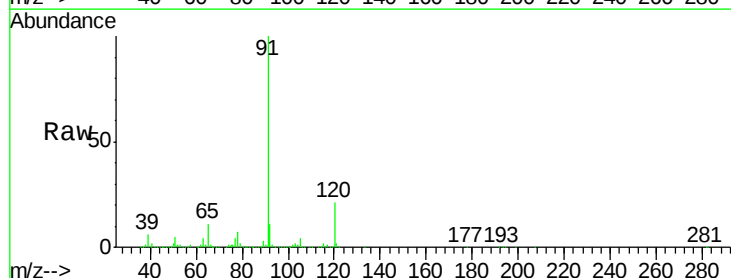
Acq: 26 Jun 2020 09:26

Tgt Ion: 91 Resp: 760030

Ion Ratio Lower Upper

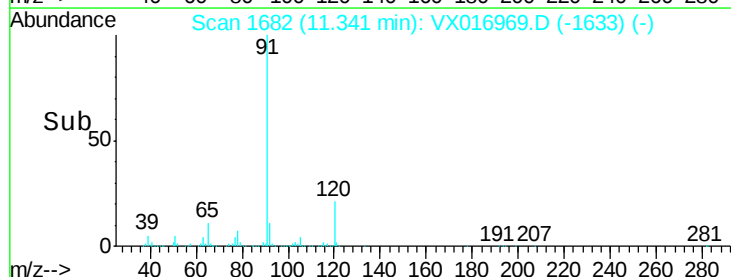
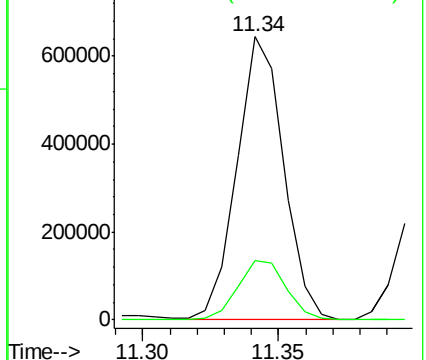
91 100

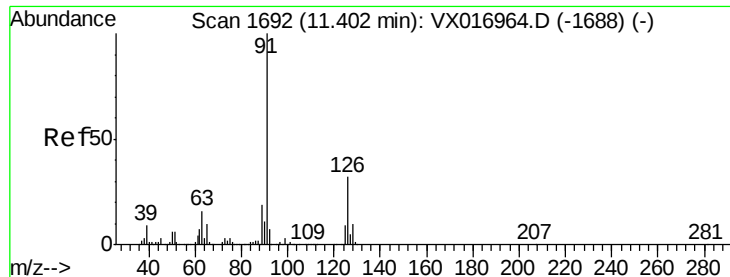
120 22.0 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.945 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

Instrument :

MSVOA_X

ClientSampleId :

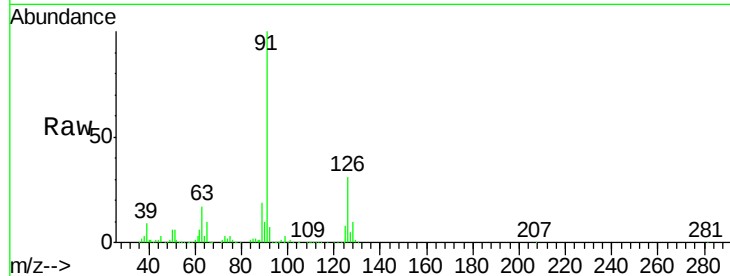
VSTDCCC050

Tot Ion: 91 Resp: 448952

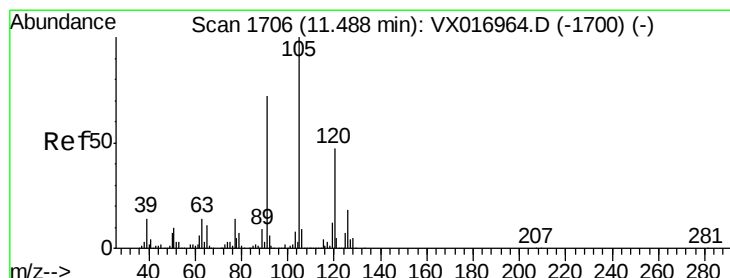
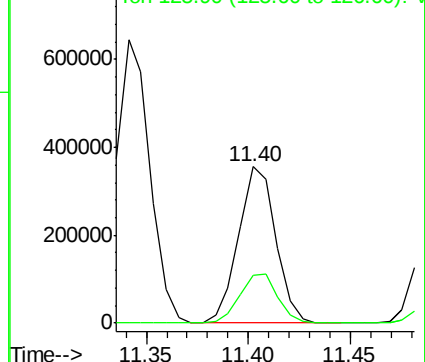
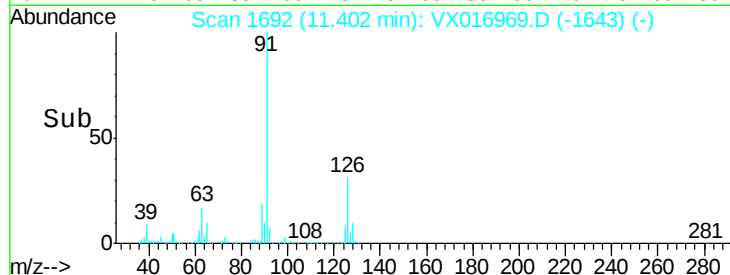
Ion Ratio Lower Upper

91 100

126 32.5 16.6 49.8



Abundance Ion 91.00 (90.70 to 91.70): VX016969.D (-1643) (-)



#80

1,3,5-Trimethylbenzene

Concen: 50.869 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX016969.D

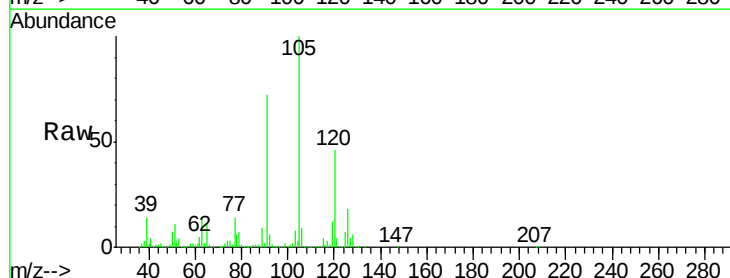
Acq: 26 Jun 2020 09:26

Tgt Ion: 105 Resp: 546413

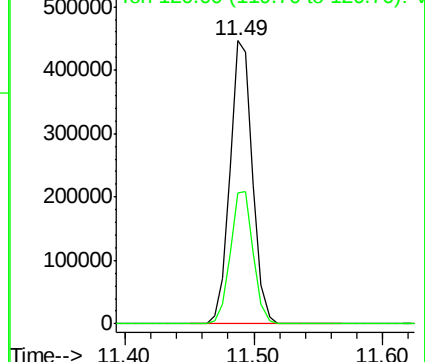
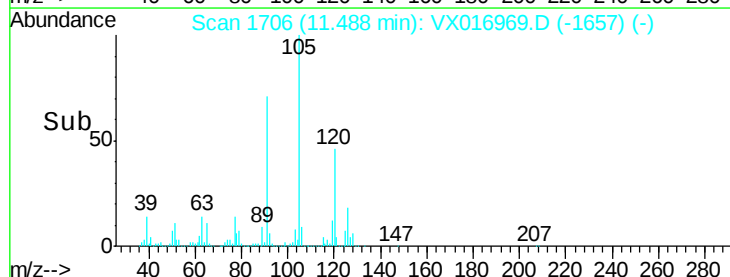
Ion Ratio Lower Upper

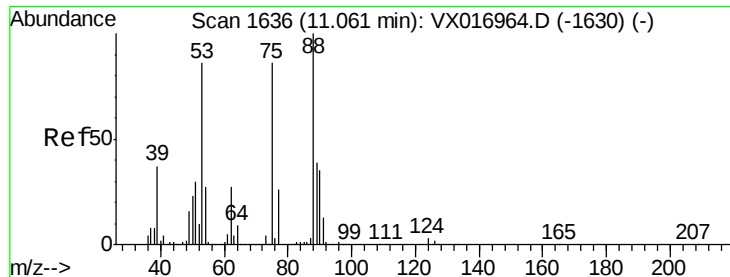
105 100

120 47.7 24.2 72.6



Abundance Ion 105.00 (104.70 to 105.70): VX016969.D (-1657) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 47.239 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

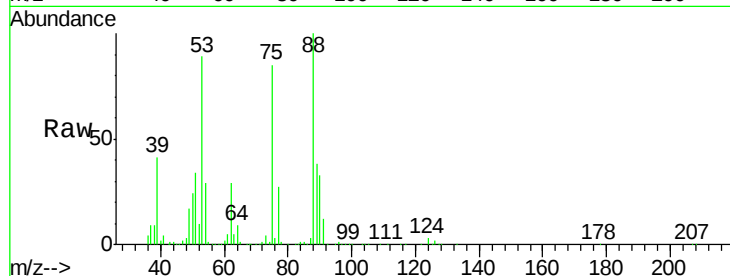
Tot Ion: 75 Resp: 73293

Ion Ratio Lower Upper

75 100

53 104.0 81.9 122.9

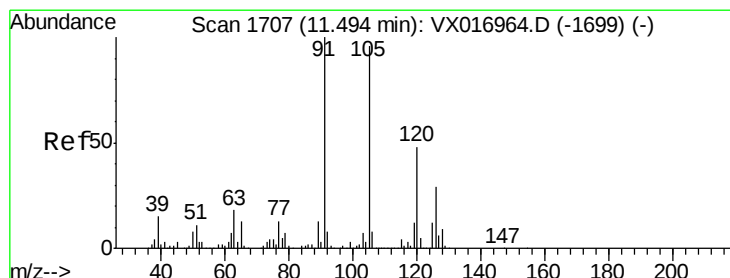
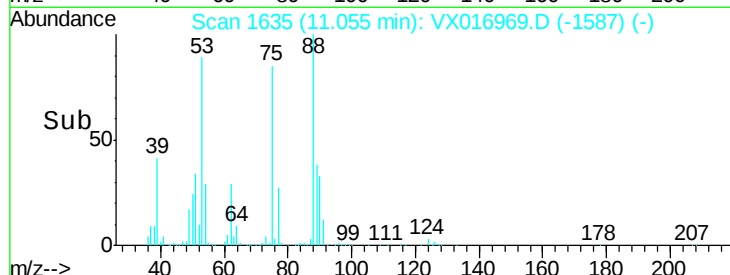
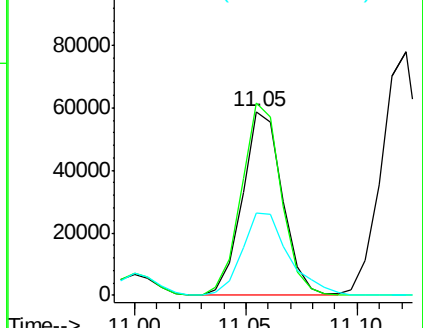
89 53.0 35.5 53.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 49.938 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016969.D

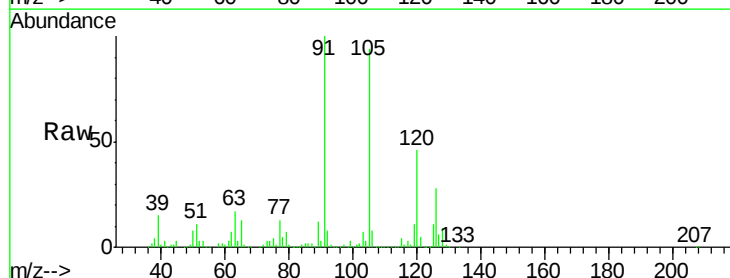
Acq: 26 Jun 2020 09:26

Tgt Ion: 91 Resp: 539114

Ion Ratio Lower Upper

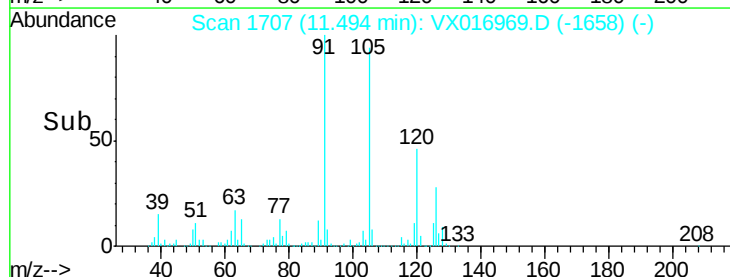
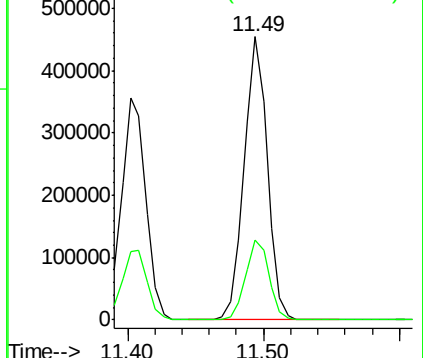
91 100

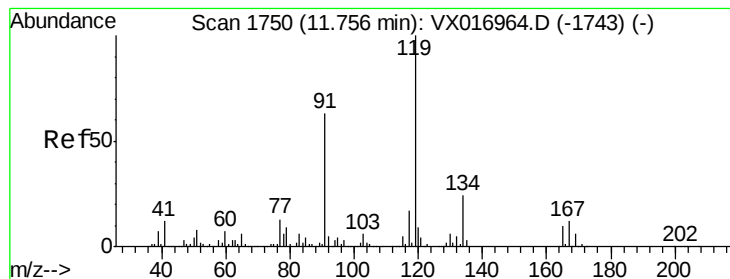
126 28.7 14.6 44.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 49.539 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

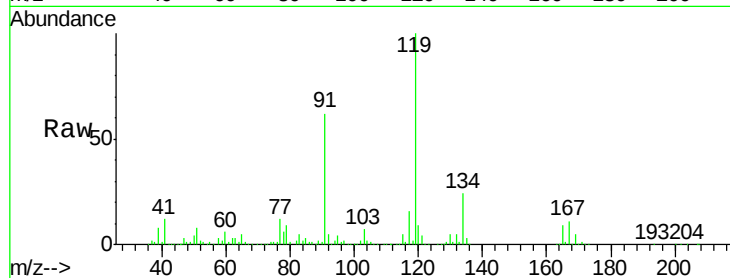
Tot Ion:119 Resp: 518274

Ion Ratio Lower Upper

119 100

91 59.4 30.0 90.0

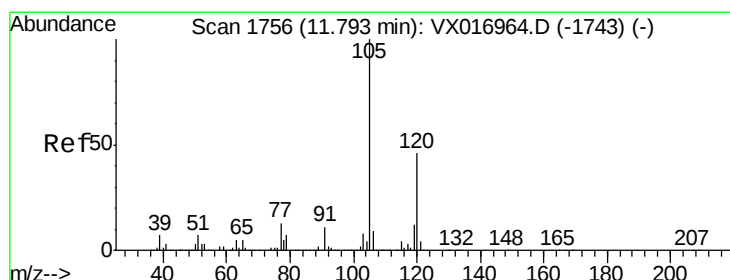
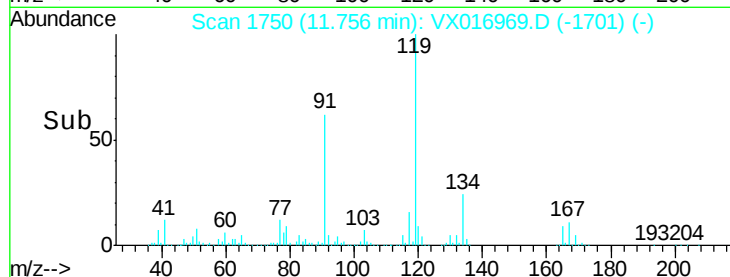
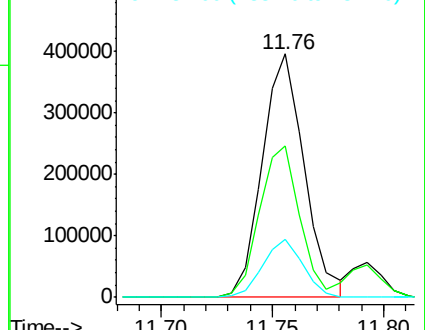
134 22.8 11.8 35.3



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 51.168 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX016969.D

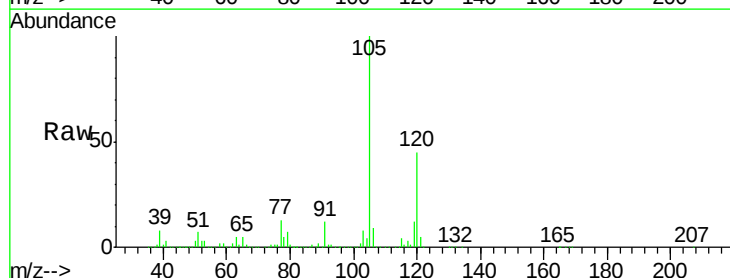
Acq: 26 Jun 2020 09:26

Tgt Ion:105 Resp: 555953

Ion Ratio Lower Upper

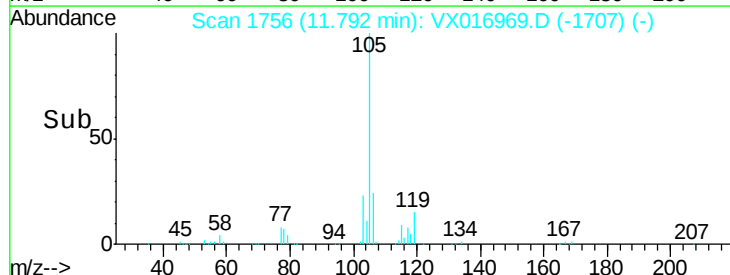
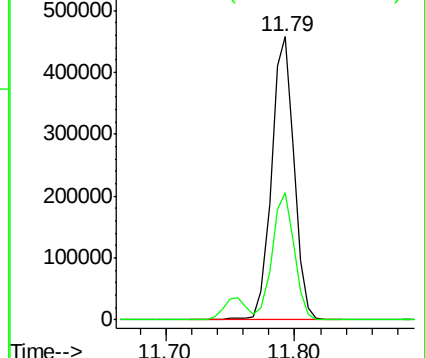
105 100

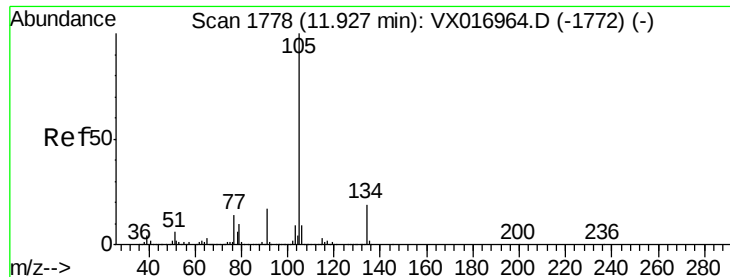
120 44.1 22.4 67.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

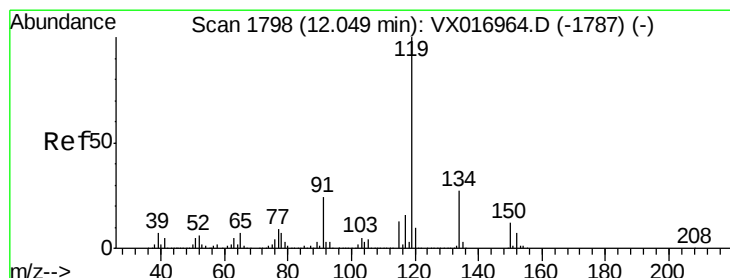
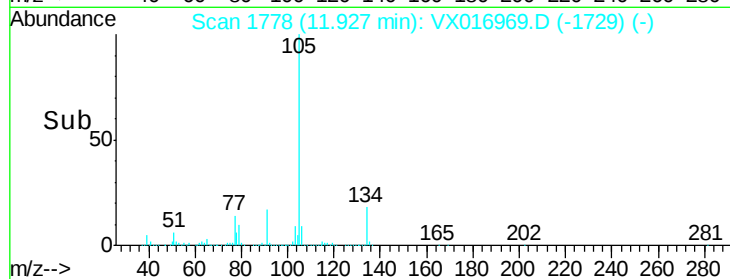
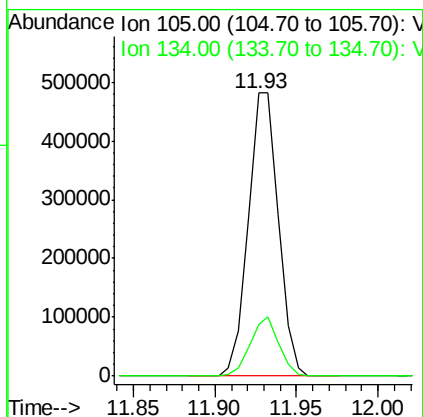
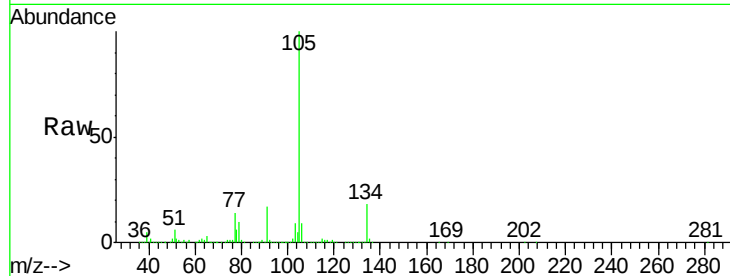




#85
 sec-Butylbenzene
 Concen: 51.049 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX016969.D
 Acq: 26 Jun 2020 09:26

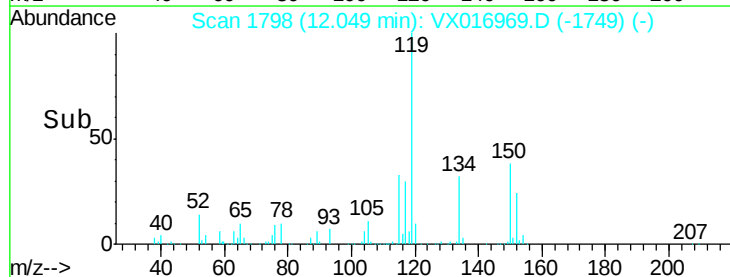
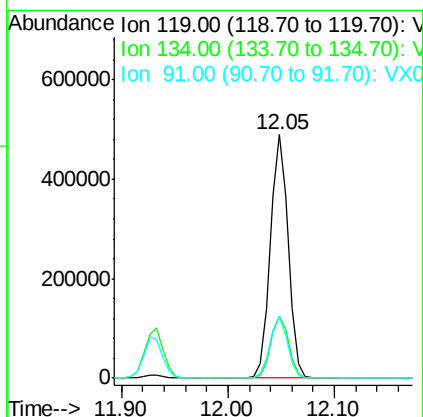
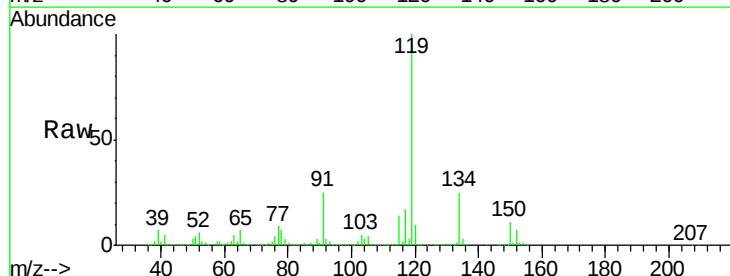
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

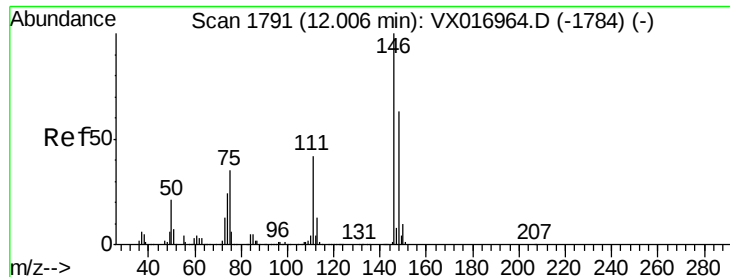
Tot Ion:105 Resp: 622675
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 51.602 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX016969.D
 Acq: 26 Jun 2020 09:26

Tgt Ion:119 Resp: 575089
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.1 39.3
 91 25.1 12.4 37.4

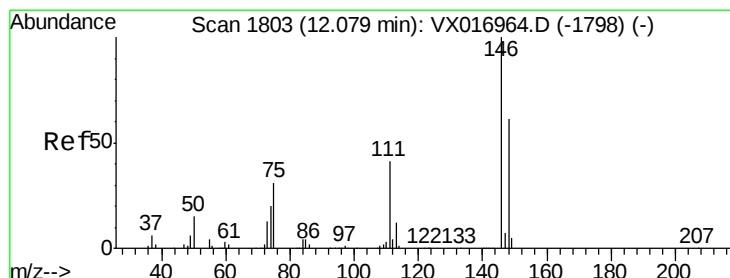
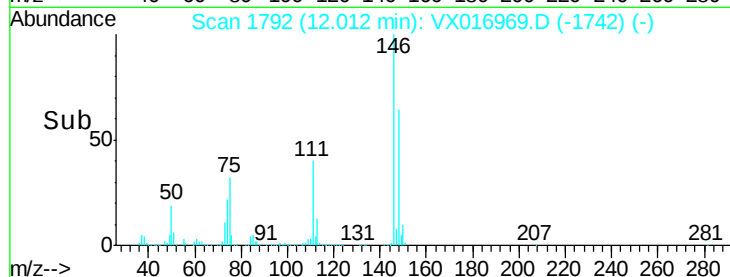
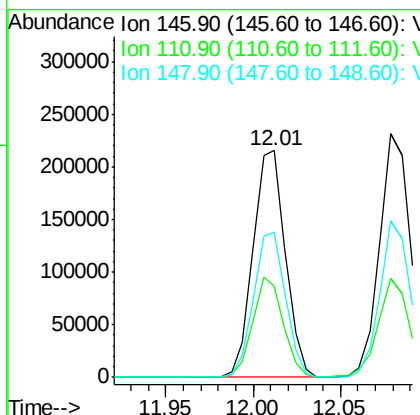
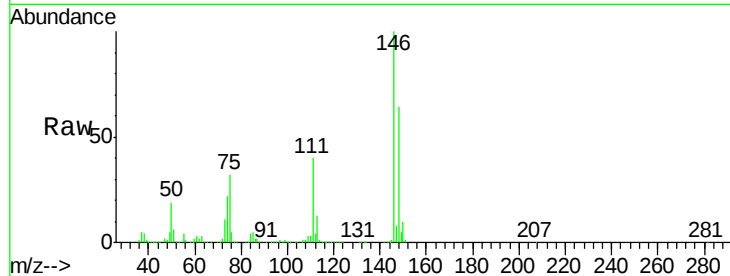




#87
 1,3-Dichlorobenzene
 Concen: 46.071 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX016969.D
 Acq: 26 Jun 2020 09:26

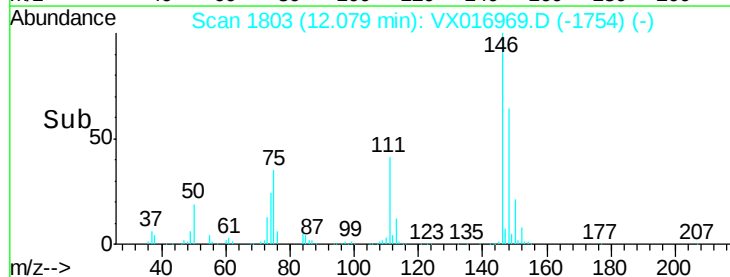
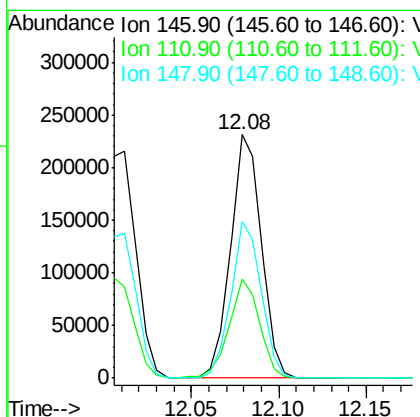
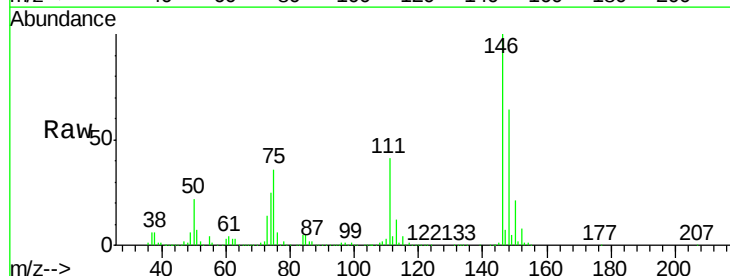
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

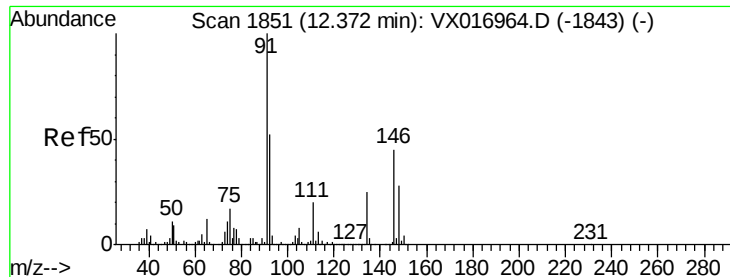
Tot Ion:146 Resp: 277066
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.3 60.9
 148 63.4 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 45.913 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX016969.D
 Acq: 26 Jun 2020 09:26

Tgt Ion:146 Resp: 281879
 Ion Ratio Lower Upper
 146 100
 111 40.6 19.9 59.7
 148 63.5 31.3 93.9





#89

n-Butylbenzene

Concen: 51.003 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

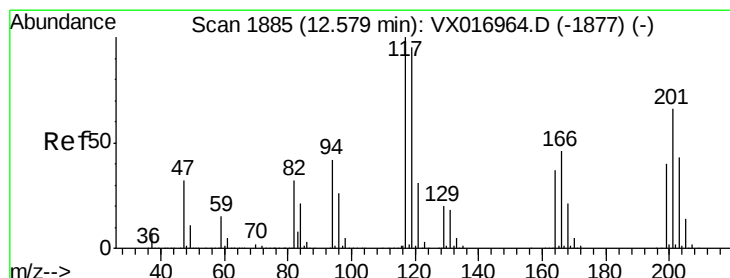
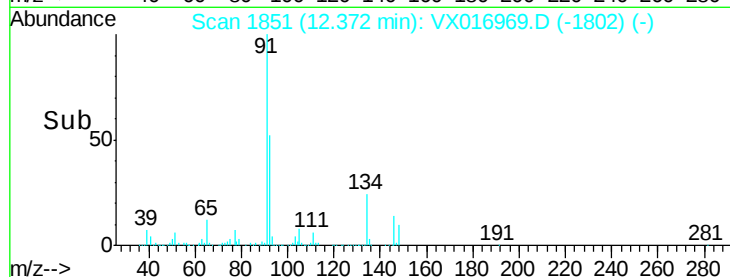
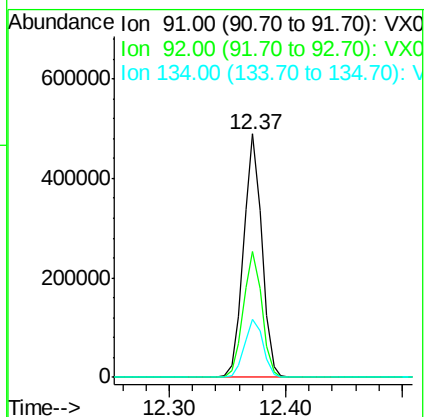
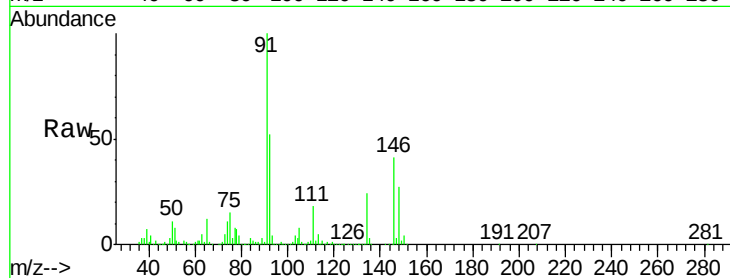
Tot Ion: 91 Resp: 535043

Ion Ratio Lower Upper

91 100

92 52.7 26.6 79.7

134 24.5 12.6 37.8



#90

Hexachloroethane

Concen: 47.505 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX016969.D

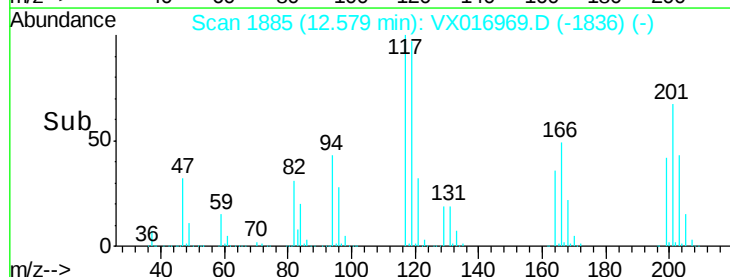
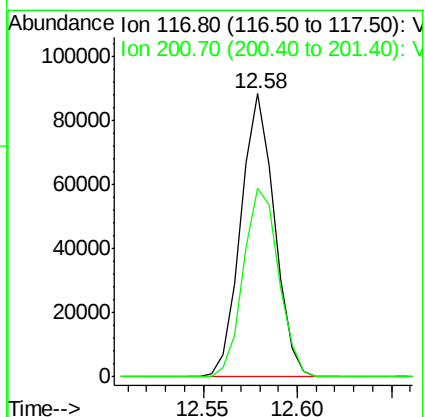
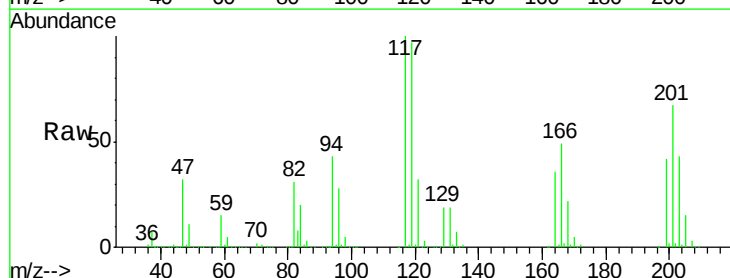
Acq: 26 Jun 2020 09:26

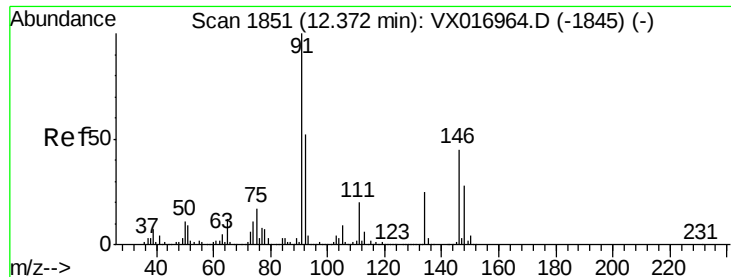
Tgt Ion: 117 Resp: 109756

Ion Ratio Lower Upper

117 100

201 69.8 34.0 102.0





#91

1,2-Dichlorobenzene

Concen: 46.625 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.01 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

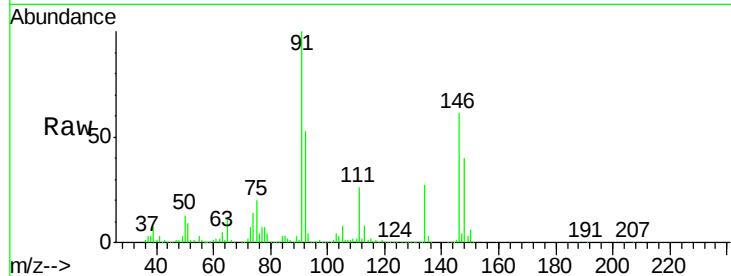
Tot Ion:146 Resp: 265834

Ion Ratio Lower Upper

146 100

111 42.7 21.6 64.6

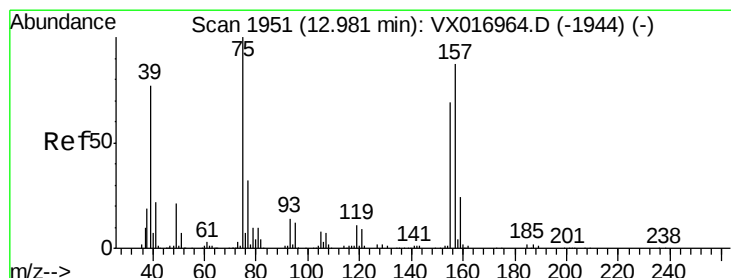
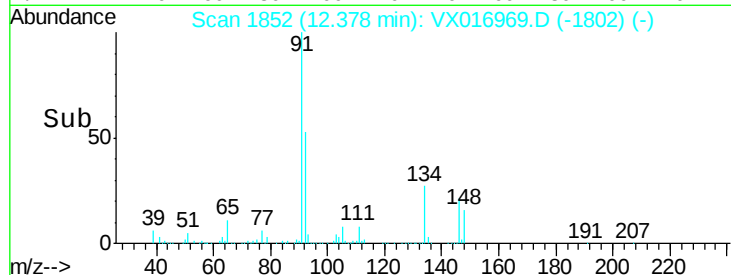
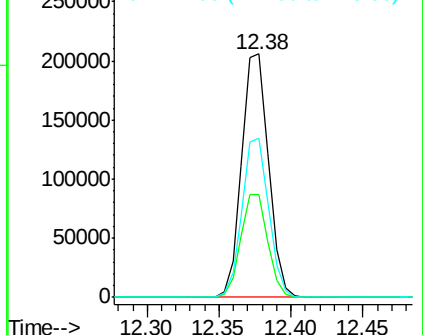
148 64.9 31.9 95.7



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: 44.584 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

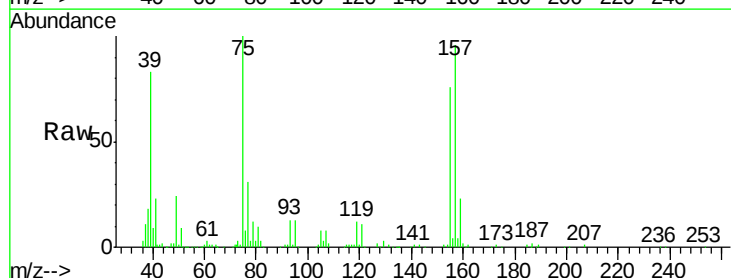
Tgt Ion: 75 Resp: 44369

Ion Ratio Lower Upper

75 100

155 76.1 39.0 117.0

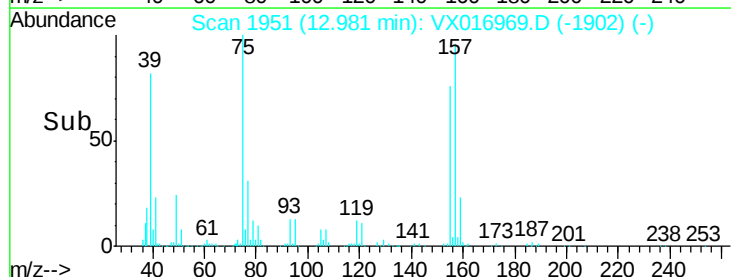
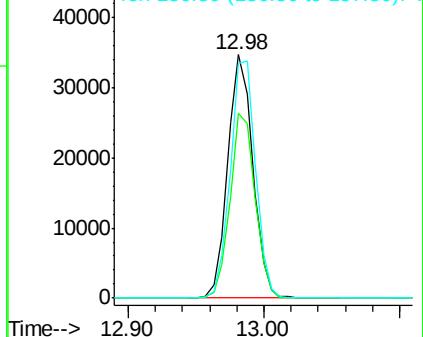
157 99.1 50.0 150.1

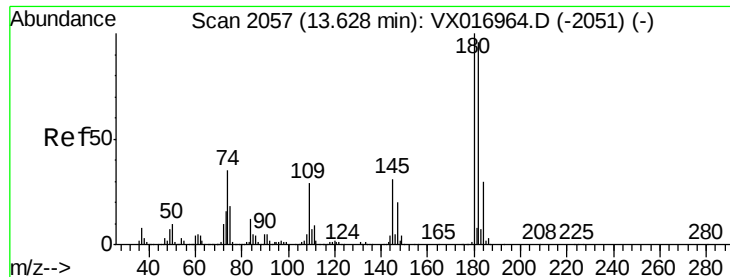


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

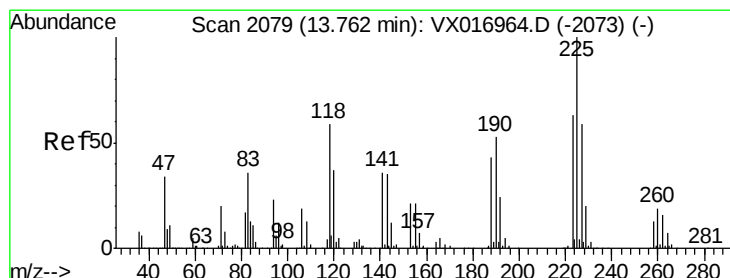
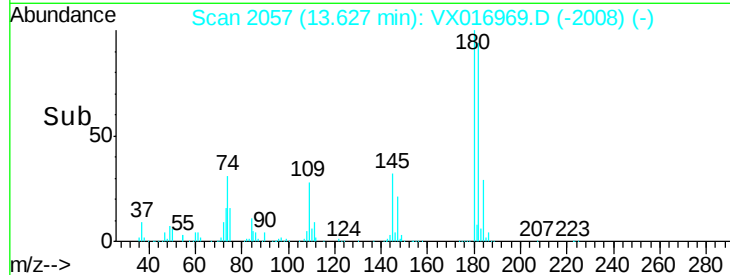
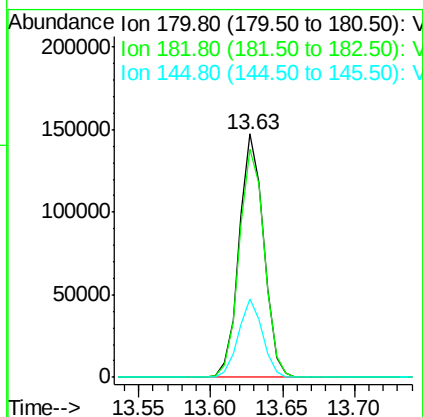
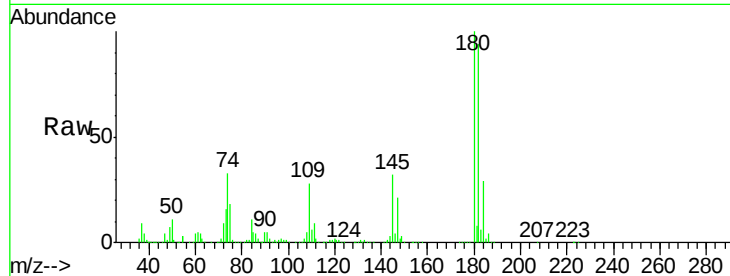




#93
 1,2,4-Trichlorobenzene
 Concen: 47.011 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016969.D
 Acq: 26 Jun 2020 09:26

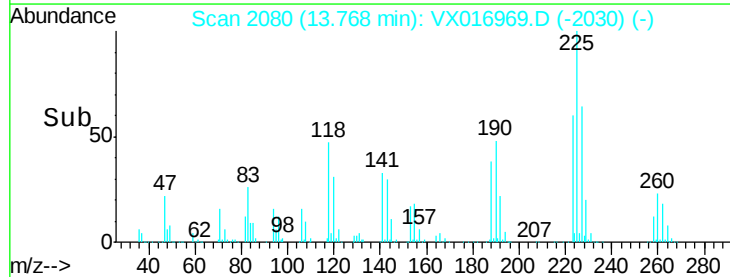
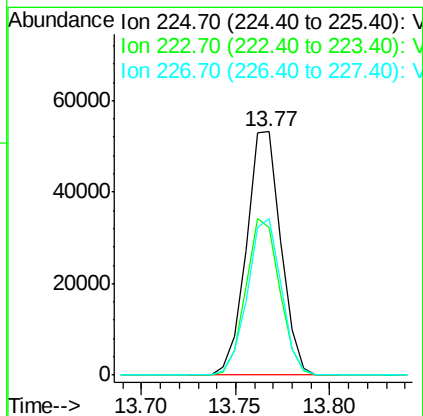
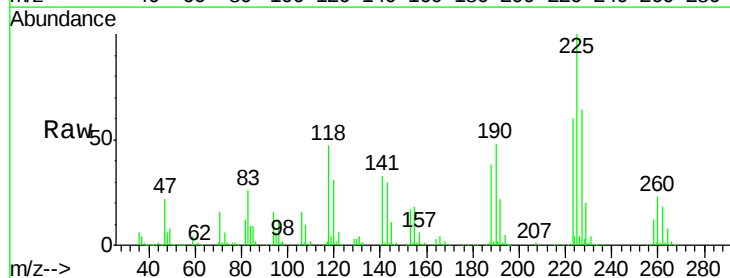
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

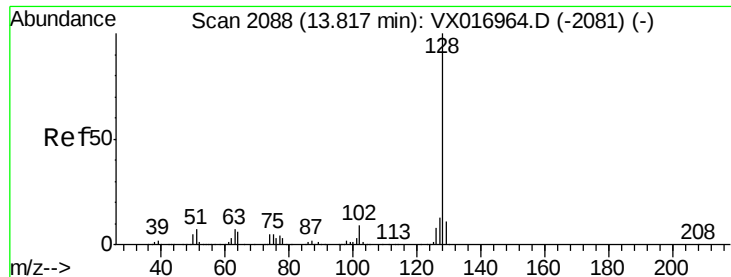
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.0	46.4	139.1
145	31.6	15.5	46.5



#94
 Hexachlorobutadiene
 Concen: 50.635 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.01 min
 Lab File: VX016969.D
 Acq: 26 Jun 2020 09:26

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	31.1	93.2
227	62.8	30.3	90.9

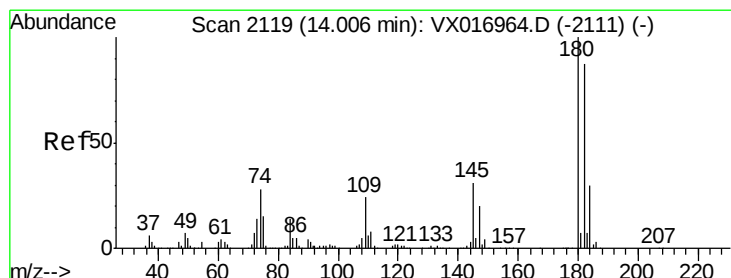
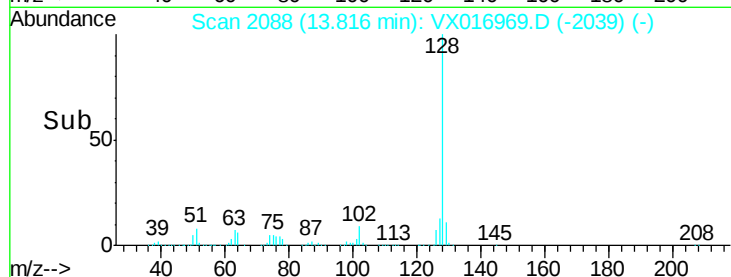
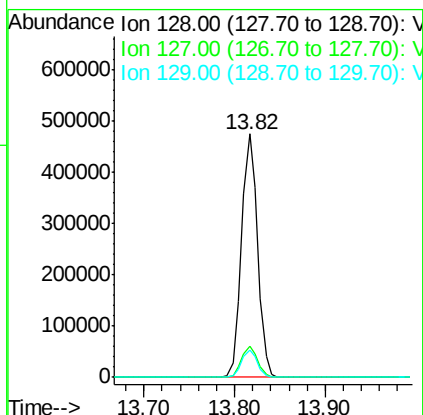
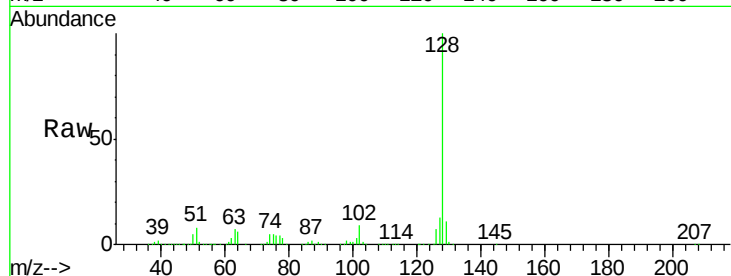




#95
Naphthalene
Concen: 47.461 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016969.D
Acq: 26 Jun 2020 09:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 579465
Ion Ratio Lower Upper
128 100
127 12.9 10.6 15.8
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 47.882 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.01 min
Lab File: VX016969.D
Acq: 26 Jun 2020 09:26

Tgt Ion:180 Resp: 170610
Ion Ratio Lower Upper
180 100
182 94.1 47.8 143.3
145 33.7 16.9 50.6

