

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060120\
 Data File : VX016543.D
 Acq On : 01 Jun 2020 20:39
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 02 01:52:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	304592	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	493664	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	450966	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	222526	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	186351	49.26	ug/l	0.00
Spiked Amount			Recovery	=	98.52%	
35) Dibromofluoromethane	5.46	113	149827	49.29	ug/l	0.00
Spiked Amount			Recovery	=	98.58%	
50) Toluene-d8	8.70	98	580709	49.08	ug/l	0.00
Spiked Amount			Recovery	=	98.16%	
62) 4-Bromofluorobenzene	11.12	95	222322	48.63	ug/l	0.00
Spiked Amount			Recovery	=	97.26%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	146025	48.715	ug/l	98
3) Chloromethane	1.31	50	165561	45.705	ug/l	98
4) Vinyl Chloride	1.39	62	189834	49.555	ug/l	98
5) Bromomethane	1.62	94	89873	48.251	ug/l	99
6) Chloroethane	1.70	64	116872	52.301	ug/l	99
7) Trichlorofluoromethane	1.91	101	250701	49.832	ug/l	98
8) Diethyl Ether	2.17	74	105313	50.202	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	139245	50.290	ug/l	99
10) Methyl Iodide	2.49	142	128122	39.419	ug/l	99
11) Tert butyl alcohol	3.01	59	229856	236.968	ug/l	100
12) 1,1-Dichloroethene	2.36	96	146808	50.091	ug/l	99
13) Acrolein	2.27	56	122530	296.956	ug/l	98
14) Allyl chloride	2.70	41	270177	50.126	ug/l	98
15) Acrylonitrile	3.12	53	501772	252.533	ug/l	99
16) Acetone	2.42	43	410841	247.904	ug/l	99
17) Carbon Disulfide	2.55	76	424636	48.789	ug/l	99
18) Methyl Acetate	2.75	43	219755	51.700	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	540151	51.324	ug/l	100
20) Methylene Chloride	2.84	84	170736	49.795	ug/l	94
21) trans-1,2-Dichloroethene	3.14	96	162920	50.256	ug/l	97
22) Diisopropyl ether	3.82	45	521161	50.333	ug/l	98
23) Vinyl Acetate	3.78	43	2331126	257.209	ug/l	99
24) 1,1-Dichloroethane	3.67	63	297240	50.861	ug/l	99
25) 2-Butanone	4.64	43	697145	248.257	ug/l	96
26) 2,2-Dichloropropane	4.56	77	225146	47.081	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	187258	49.930	ug/l	99
28) Bromochloromethane	4.98	49	132857	48.920	ug/l	95
29) Tetrahydrofuran	5.09	42	458842	252.916	ug/l	98
30) Chloroform	5.18	83	293630	49.864	ug/l	97
31) Cyclohexane	5.55	56	249293	47.416	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	259424	48.662	ug/l	99
36) 1,1-Dichloropropene	5.77	75	220136	47.097	ug/l	98
37) Ethyl Acetate	4.79	43	264769	47.182	ug/l	98
38) Carbon Tetrachloride	5.76	117	225726	45.954	ug/l	97

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Quant Time: Jun 02 01:52:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	243605	47.984	ug/l	100
40) Benzene	6.11	78	683379	49.096	ug/l	100
41) Methacrylonitrile	5.01	41	143821	46.659	ug/l	97
42) 1,2-Dichloroethane	6.17	62	230570	46.580	ug/l	98
43) Isopropyl Acetate	6.42	43	429262	49.041	ug/l	98
44) Trichloroethene	7.19	130	195248	44.211	ug/l	98
45) 1,2-Dichloropropane	7.49	63	175334	49.480	ug/l	99
46) Dibromomethane	7.64	93	115787	48.649	ug/l	99
47) Bromodichloromethane	7.88	83	240497	48.801	ug/l	98
48) Methyl methacrylate	7.74	41	204763	48.858	ug/l	97
49) 1,4-Dioxane	7.71	88	86585	882.803	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1345221	246.820	ug/l	99
52) Toluene	8.77	92	425637	48.493	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	280193	50.001	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	293678	49.512	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	175166	50.193	ug/l	97
56) Ethyl methacrylate	9.16	69	295980	52.075	ug/l	97
57) 1,3-Dichloropropane	9.35	76	297981	49.745	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	756711	255.072	ug/l	99
59) 2-Hexanone	9.48	43	1042922	246.065	ug/l	98
60) Dibromochloromethane	9.57	129	197187	50.209	ug/l	99
61) 1,2-Dibromoethane	9.65	107	186489	49.902	ug/l	100
64) Tetrachloroethene	9.32	164	200888	39.816	ug/l	98
65) Chlorobenzene	10.12	112	454007	49.381	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	176582	50.314	ug/l	98
67) Ethyl Benzene	10.24	91	794536	48.539	ug/l	99
68) m/p-Xylenes	10.34	106	603581	99.450	ug/l	99
69) o-Xylene	10.68	106	292219	49.716	ug/l	96
70) Styrene	10.70	104	516509	51.124	ug/l	99
71) Bromoform	10.84	173	154222	51.995	ug/l #	100
73) Isopropylbenzene	11.00	105	759046	49.230	ug/l	100
74) N-amyl acetate	10.88	43	374546	52.812	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	233916	60.535	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	328286	67.117	ug/l	83
77) Bromobenzene	11.24	156	200866	49.671	ug/l	99
78) n-propylbenzene	11.34	91	852052	49.464	ug/l	100
79) 2-Chlorotoluene	11.40	91	527354	50.155	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	643540	49.987	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	98980	49.778	ug/l	97
82) 4-Chlorotoluene	11.49	91	615032	49.533	ug/l	100
83) tert-Butylbenzene	11.76	119	582220	52.927	ug/l	96
84) 1,2,4-Trimethylbenzene	11.79	105	649829	49.911	ug/l	99
85) sec-Butylbenzene	11.93	105	703469	50.978	ug/l	100
86) p-Isopropyltoluene	12.05	119	657571	50.870	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	348449	49.735	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	352223	49.156	ug/l	99
89) n-Butylbenzene	12.37	91	559550	51.969	ug/l	99
90) Hexachloroethane	12.58	117	114409	51.240	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	335444	49.419	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	60043	47.972	ug/l	97

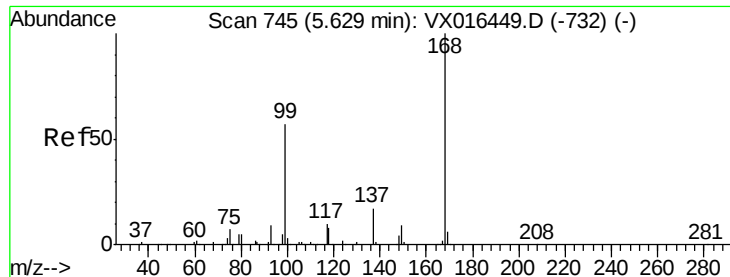
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060120\
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QLast Update : Wed May 27 16:31:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	222862	49.437	ug/l	100
94) Hexachlorobutadiene	13.77	225	87757	49.581	ug/l	98
95) Naphthalene	13.82	128	713230	46.152	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	209031	47.330	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX016543.D

Acq: 01 Jun 2020 20:39

Instrument :

MSVOA_X

ClientSampleId :

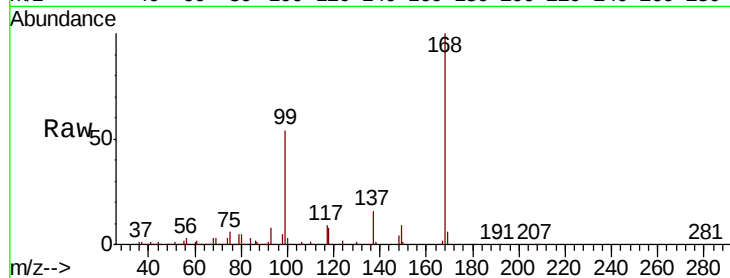
VSTDCCC050EC

Tot Ion:168 Resp: 304592

Ion Ratio Lower Upper

168 100

99 54.0 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

120000

100000

80000

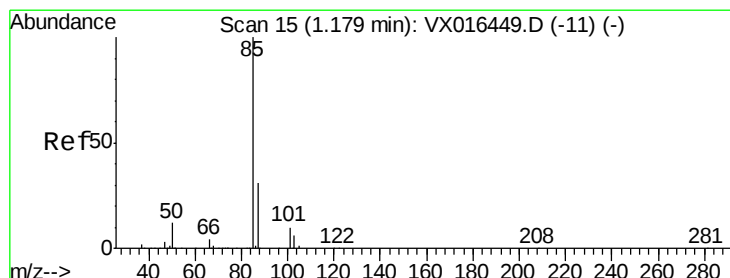
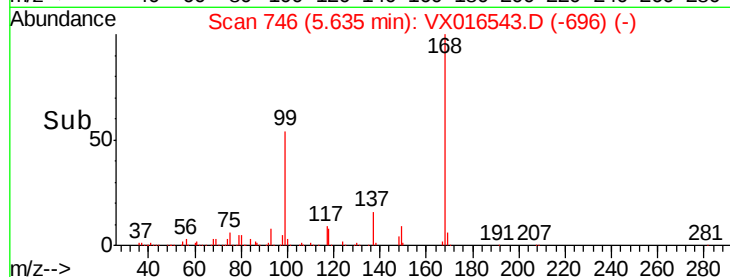
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 48.715 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.01 min

Lab File: VX016543.D

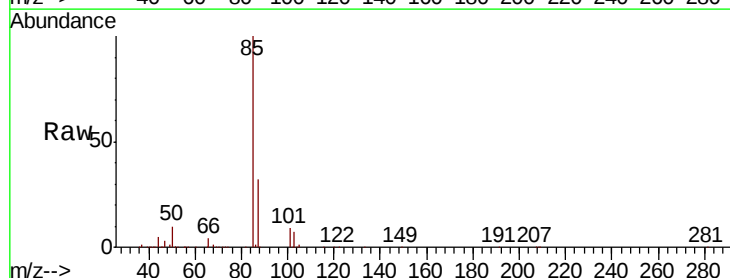
Acq: 01 Jun 2020 20:39

Tgt Ion: 85 Resp: 146025

Ion Ratio Lower Upper

85 100

87 32.2 15.4 46.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

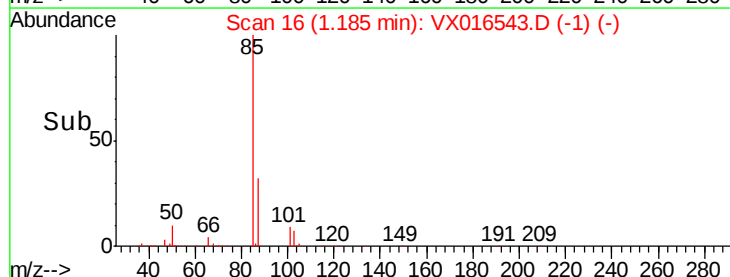
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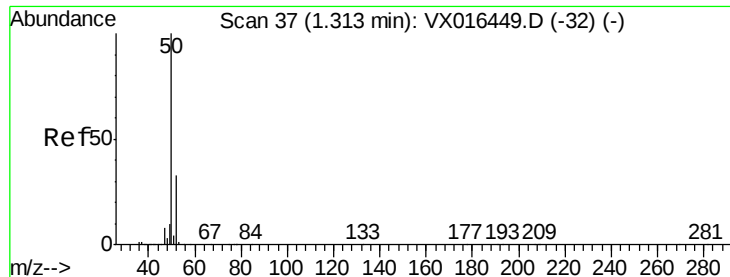
100000

50000

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Time-->





#3

Chloromethane

Concen: 45.705 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016543.D

Acq: 01 Jun 2020 20:39

Instrument :

MSVOA_X

ClientSampleId :

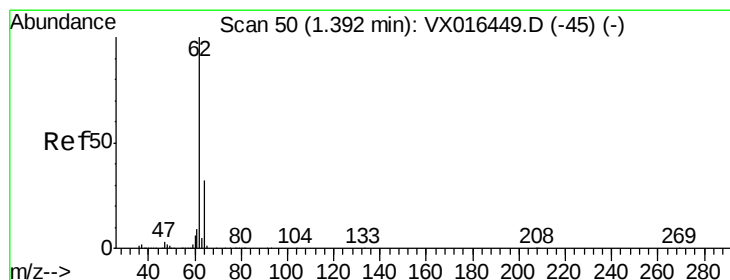
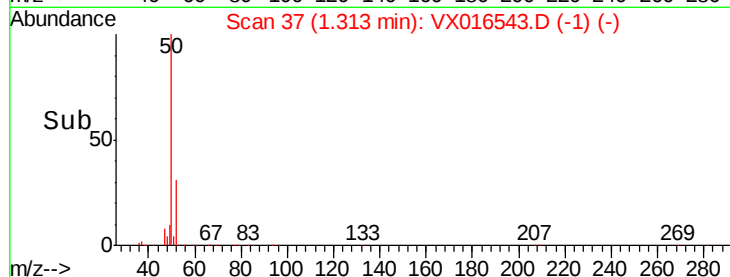
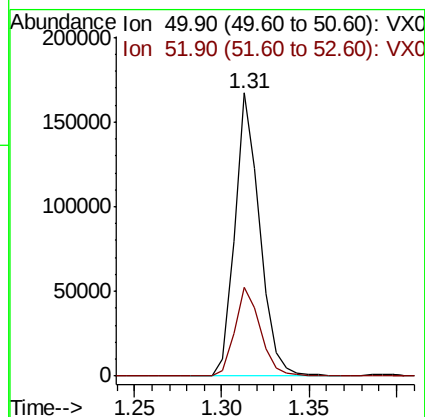
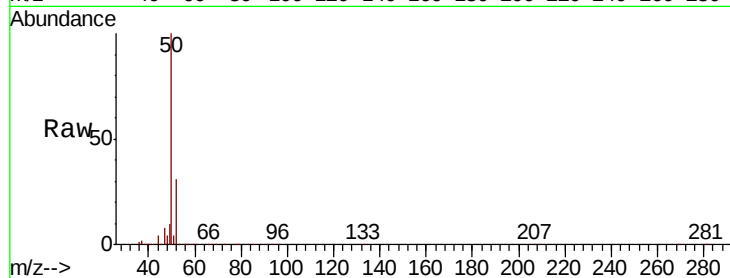
VSTDCCC050EC

Tot Ion: 50 Resp: 165561

Ion Ratio Lower Upper

50 100

52 31.4 26.2 39.2



#4

Vinyl Chloride

Concen: 49.555 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016543.D

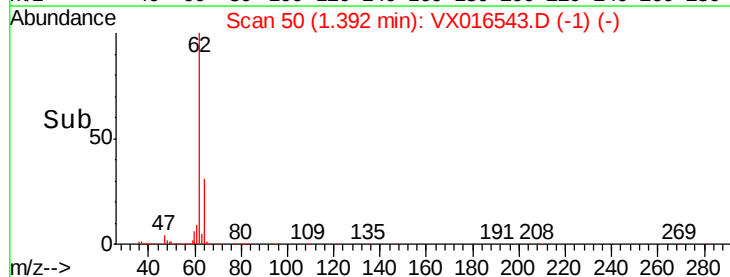
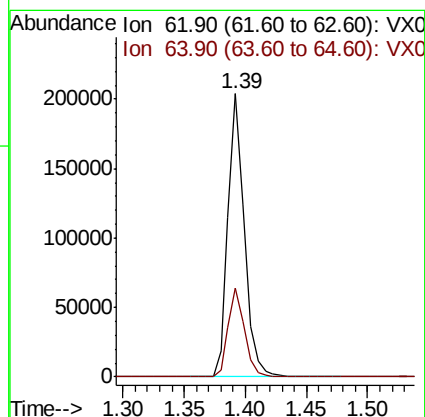
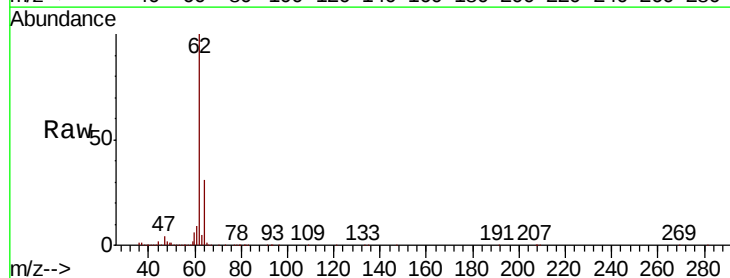
Acq: 01 Jun 2020 20:39

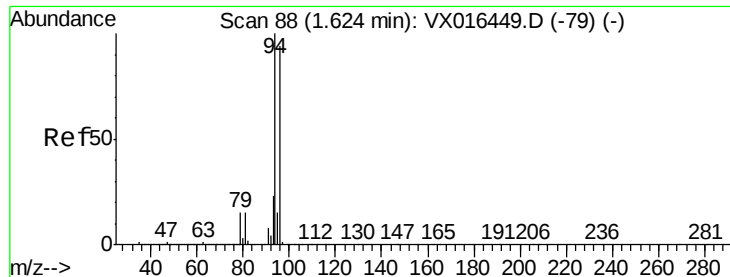
Tgt Ion: 62 Resp: 189834

Ion Ratio Lower Upper

62 100

64 31.3 25.9 38.9





#5

Bromomethane

Concen: 48.251 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016543.D

Acq: 01 Jun 2020 20:39

Instrument :

MSVOA_X

ClientSampleId :

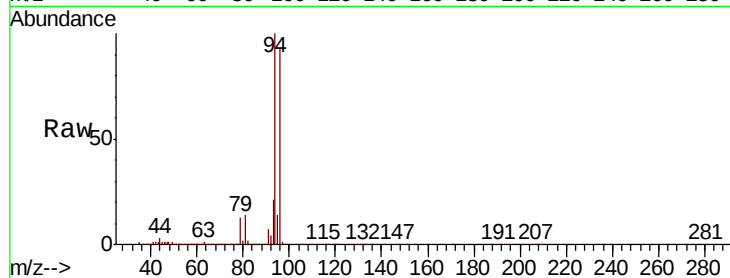
VSTDCCC050EC

Tot Ion: 94 Resp: 89873

Ion Ratio Lower Upper

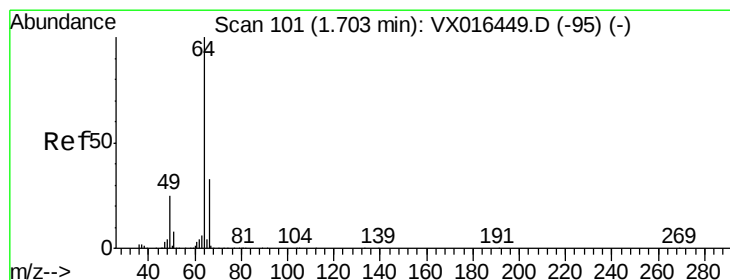
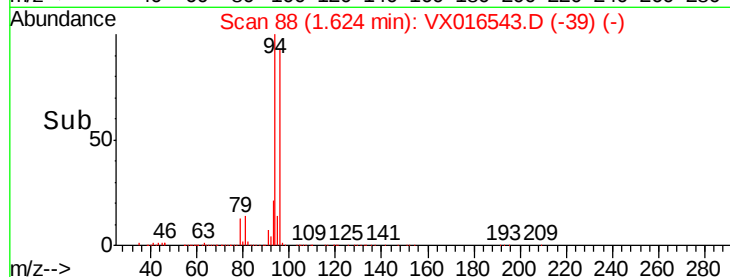
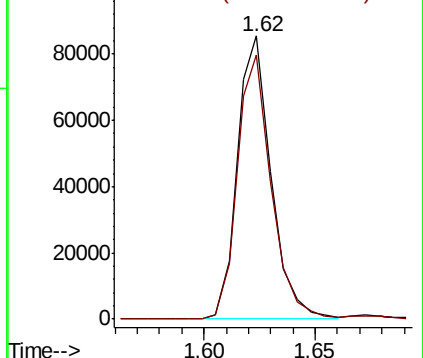
94 100

96 93.3 75.1 112.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 52.301 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX016543.D

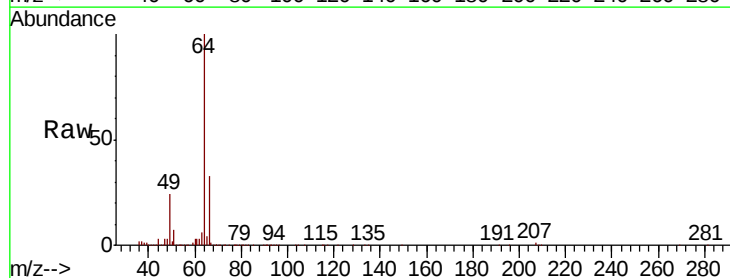
Acq: 01 Jun 2020 20:39

Tgt Ion: 64 Resp: 116872

Ion Ratio Lower Upper

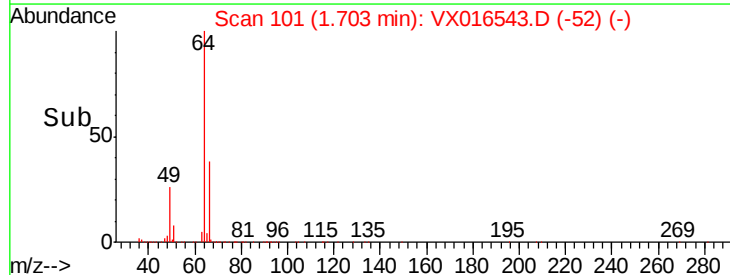
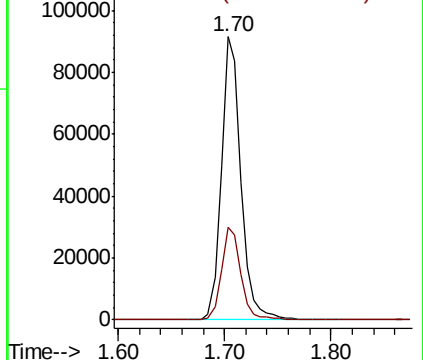
64 100

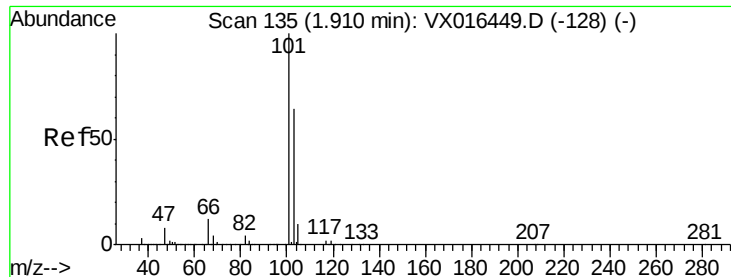
66 33.0 26.7 40.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



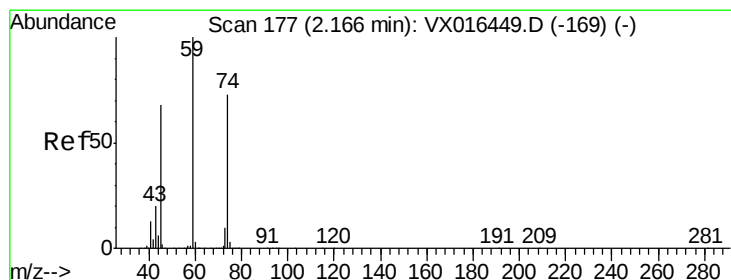
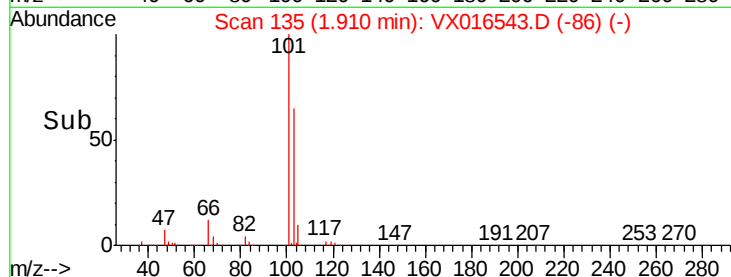
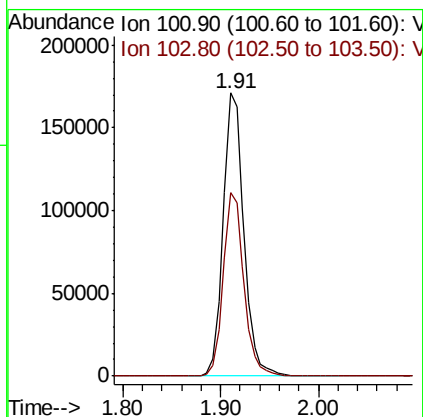
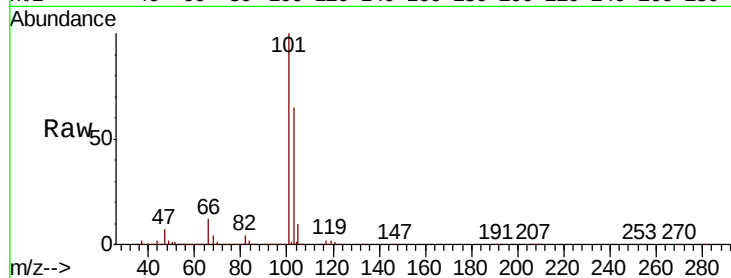


#7

Trichlorofluoromethane
 Concen: 49.832 ug/l
 RT: 1.91 min Scan# 135
 Delta R.T. -0.00 min
 Lab File: VX016543.D
 Acq: 01 Jun 2020 20:39

Instrument :
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 VSTDCCC050EC

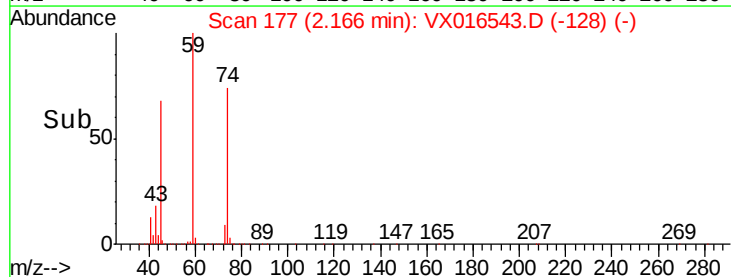
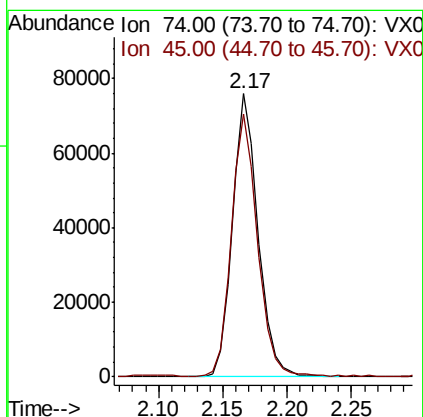
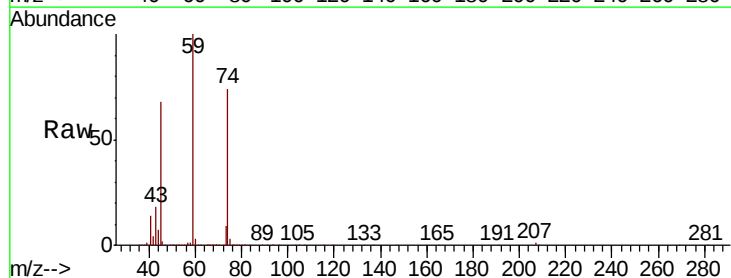
Tot Ion:101 Resp: 250701
 Ion Ratio Lower Upper
 101 100
 103 64.9 50.9 76.3



#8

Diethyl Ether
 Concen: 50.202 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX016543.D
 Acq: 01 Jun 2020 20:39

Tgt Ion: 74 Resp: 105313
 Ion Ratio Lower Upper
 74 100
 45 93.9 47.5 142.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.290 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016543.D

Acq: 01 Jun 2020 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

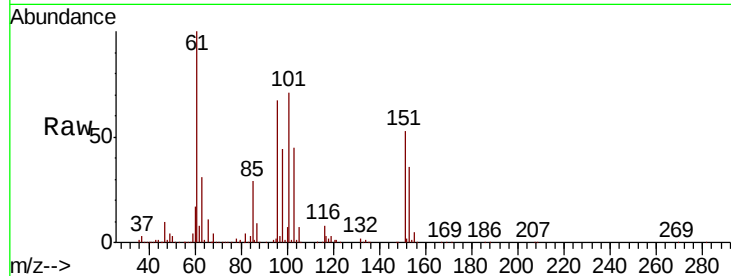
Tot Ion:101 Resp: 139245

Ion Ratio Lower Upper

101 100

85 42.1 34.4 51.6

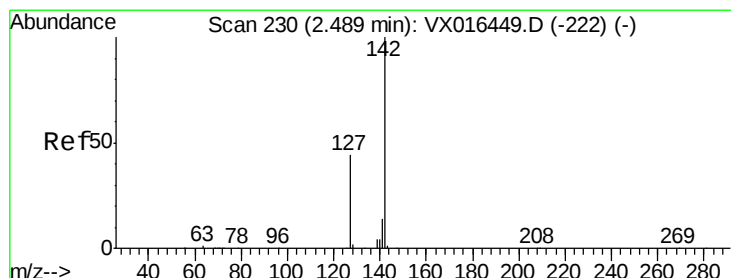
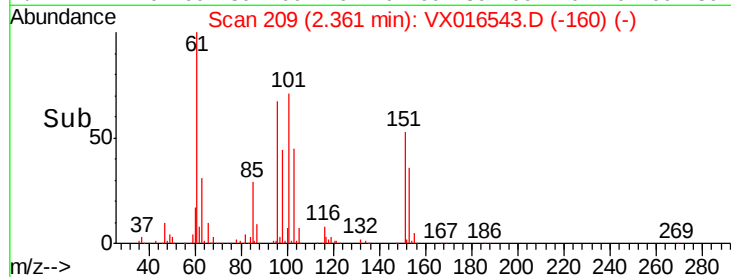
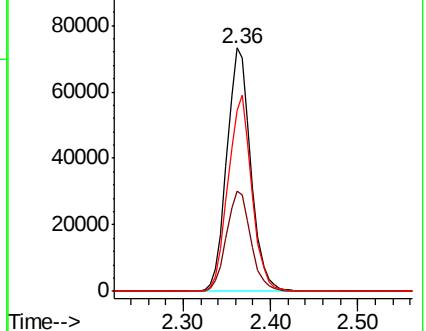
151 79.8 63.8 95.6



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: 39.419 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX016543.D

Acq: 01 Jun 2020 20:39

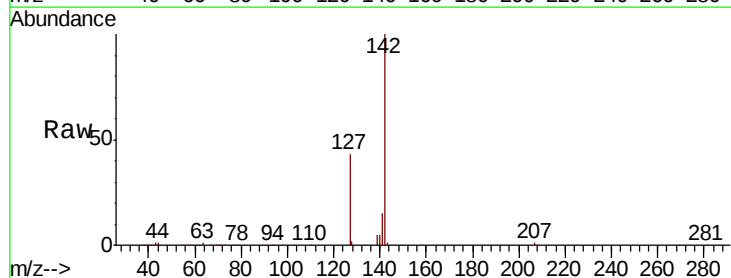
Tgt Ion:142 Resp: 128122

Ion Ratio Lower Upper

142 100

127 43.1 35.3 52.9

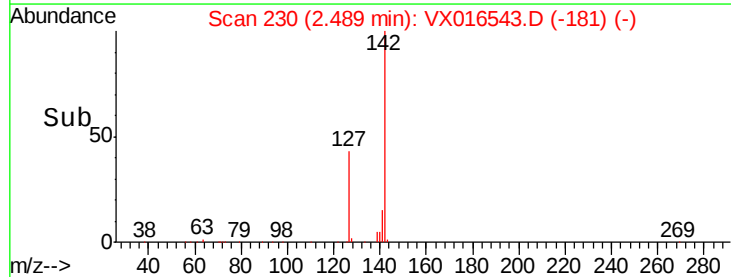
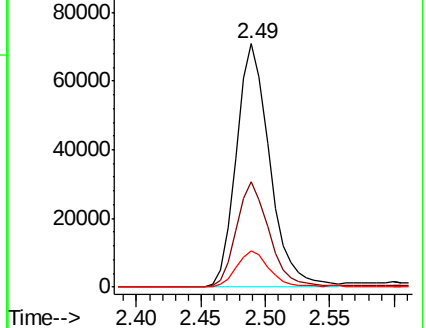
141 14.6 11.4 17.2

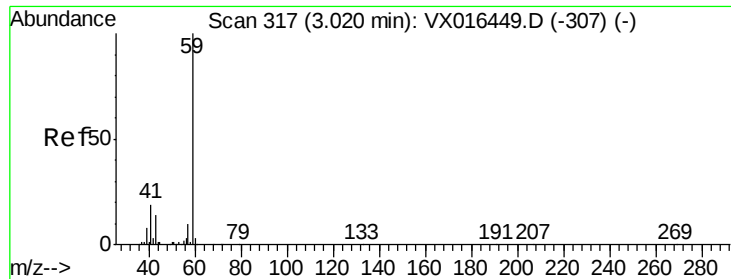


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

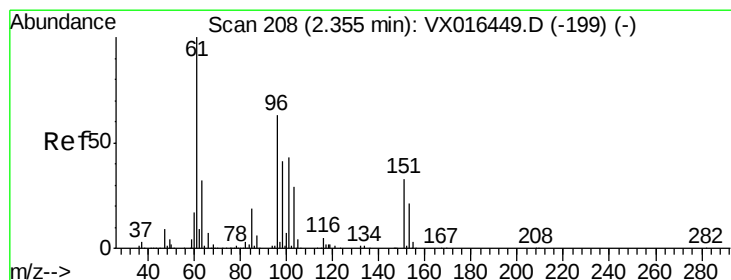
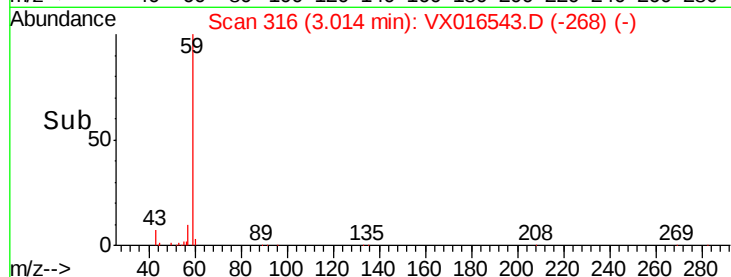
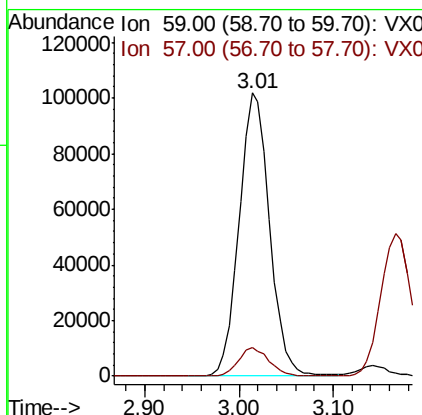
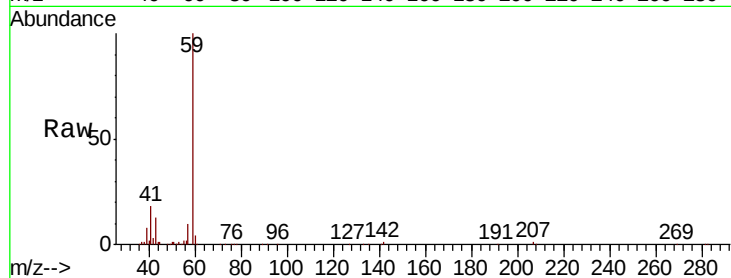




#11
Tert butyl alcohol
Concen: 236.968 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX016543.D
Acq: 01 Jun 2020 20:39

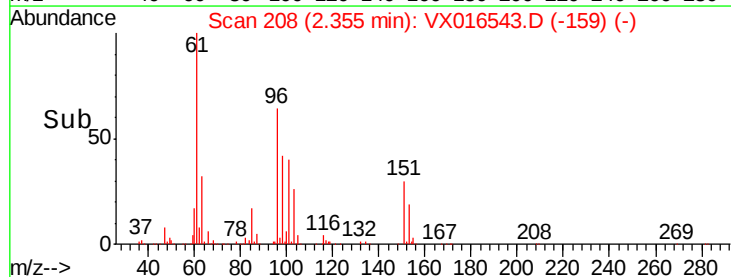
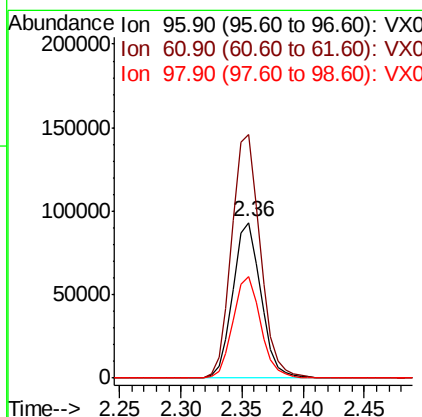
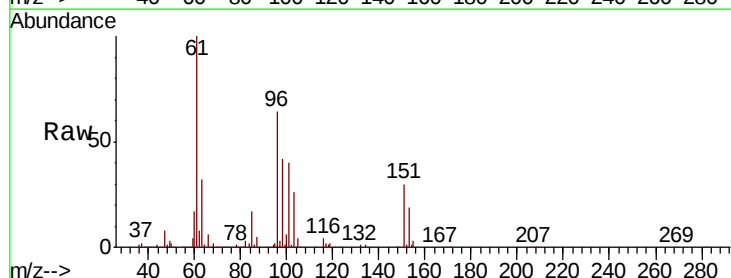
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

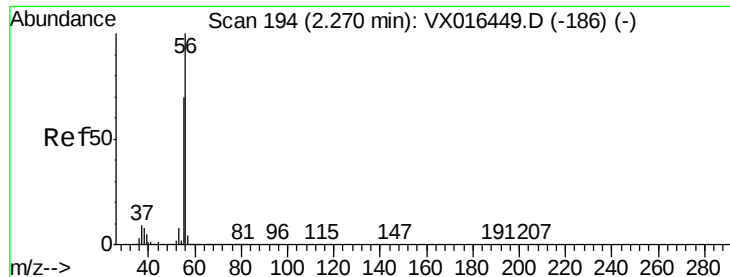
Tot Ion: 59 Resp: 229856
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.4



#12
1,1-Dichloroethene
Concen: 50.091 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016543.D
Acq: 01 Jun 2020 20:39

Tgt Ion: 96 Resp: 146808
Ion Ratio Lower Upper
96 100
61 156.9 126.6 189.8
98 65.4 51.3 76.9





#13

Acrolein

Concen: 296.956 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016543.D

Acq: 01 Jun 2020 20:39

Instrument :

MSVOA_X

ClientSampleId :

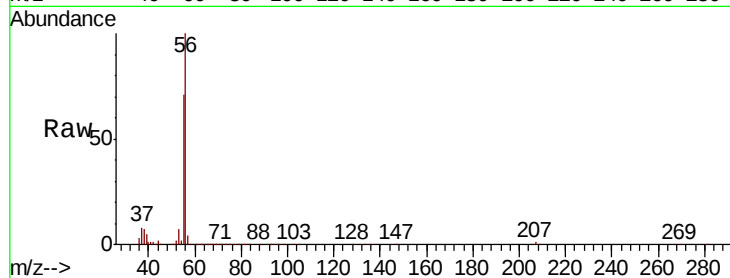
VSTDCCC050EC

Tot Ion: 56 Resp: 122530

Ion Ratio Lower Upper

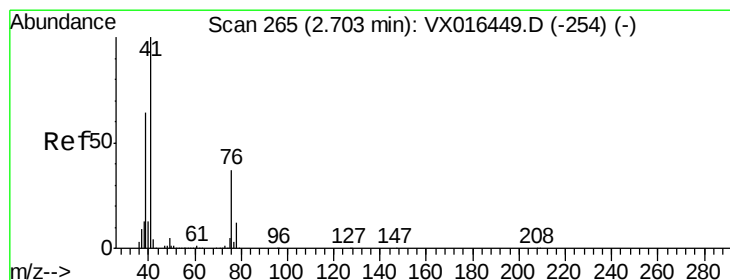
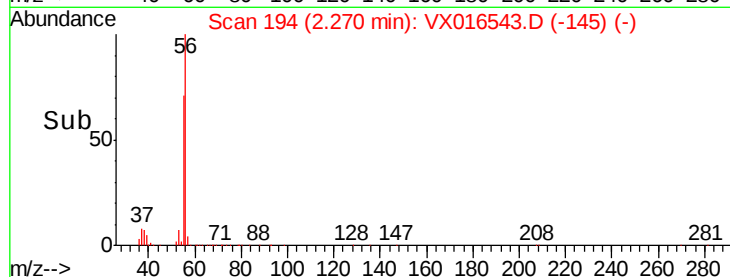
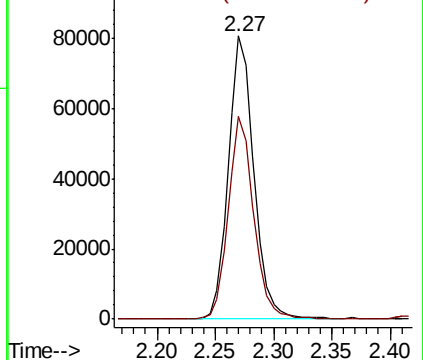
56 100

55 71.2 58.3 87.5



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 50.126 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX016543.D

Acq: 01 Jun 2020 20:39

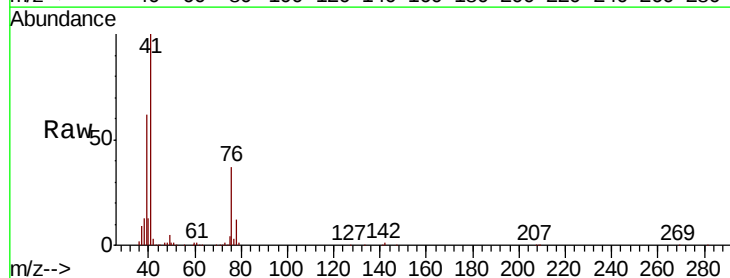
Tgt Ion: 41 Resp: 270177

Ion Ratio Lower Upper

41 100

39 57.8 47.7 71.5

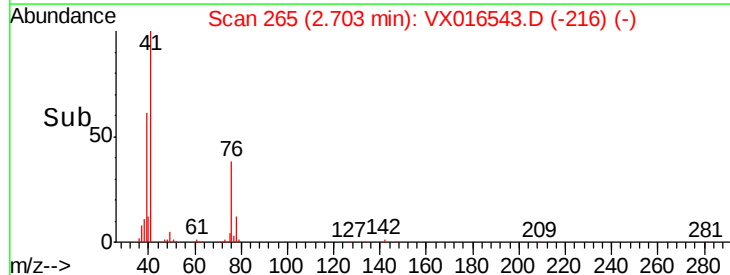
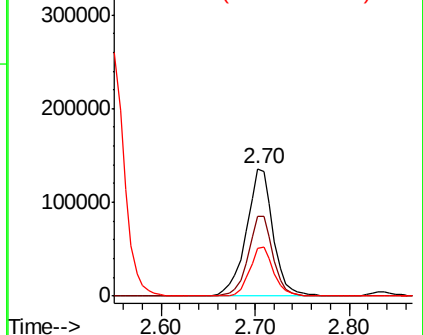
76 34.3 26.6 40.0

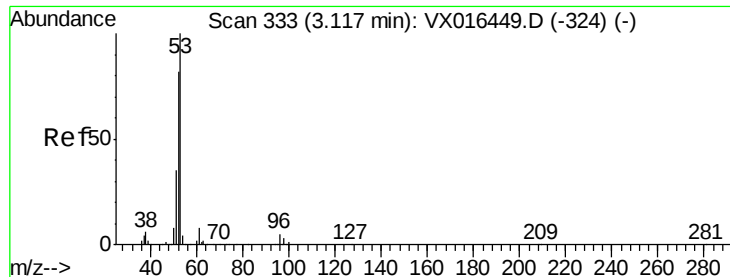


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 252.533 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX016543.D

Acq: 01 Jun 2020 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

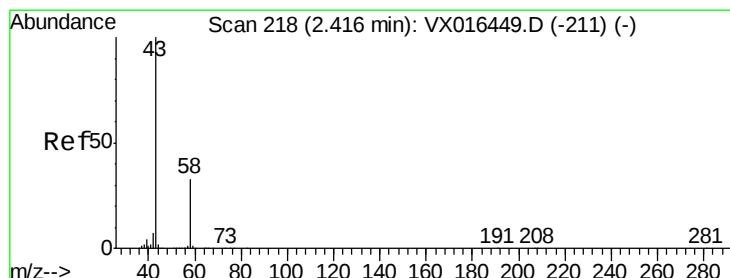
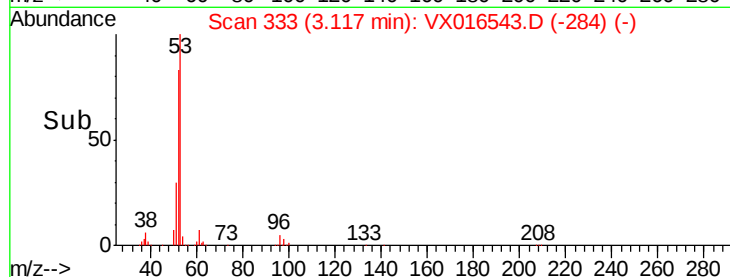
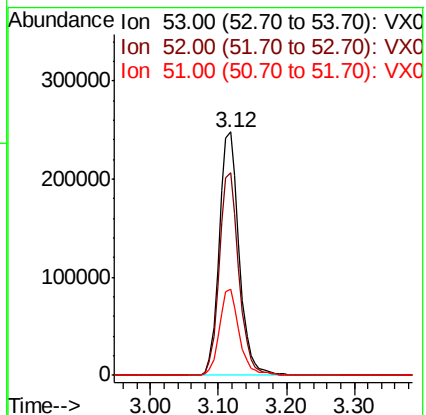
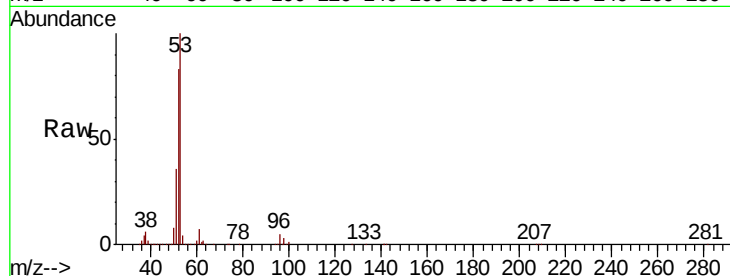
Tot Ion: 53 Resp: 501772

Ion Ratio Lower Upper

53 100

52 82.4 66.7 100.1

51 35.1 28.6 43.0



#16

Acetone

Concen: 247.904 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX016543.D

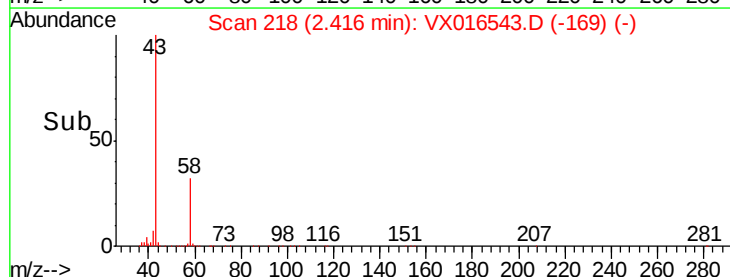
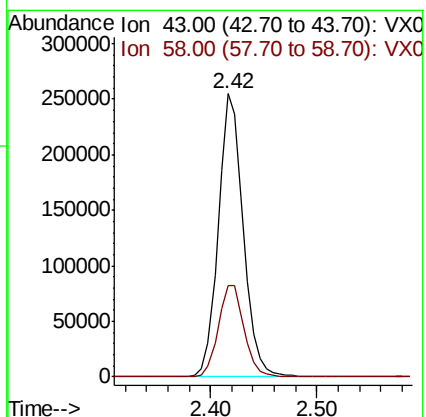
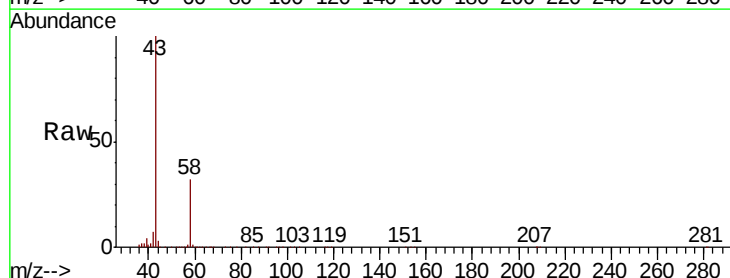
Acq: 01 Jun 2020 20:39

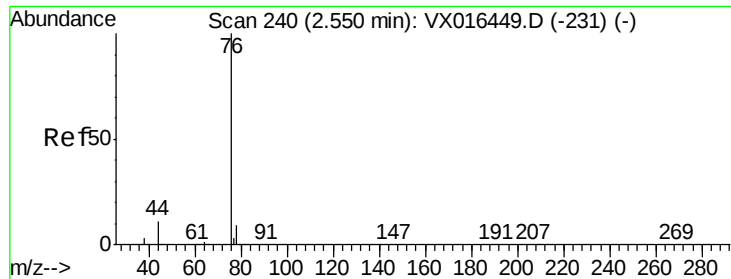
Tgt Ion: 43 Resp: 410841

Ion Ratio Lower Upper

43 100

58 32.2 26.1 39.1

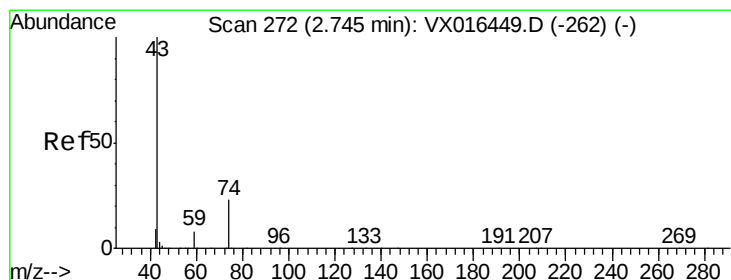
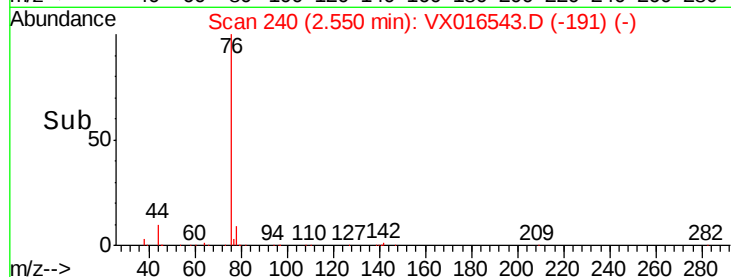
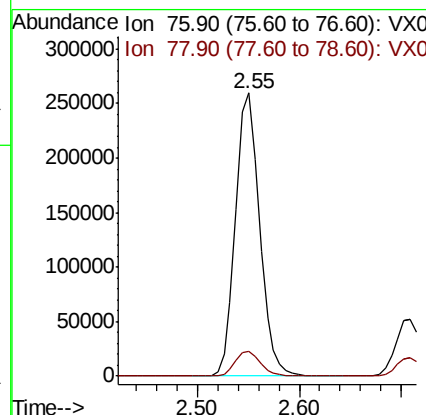
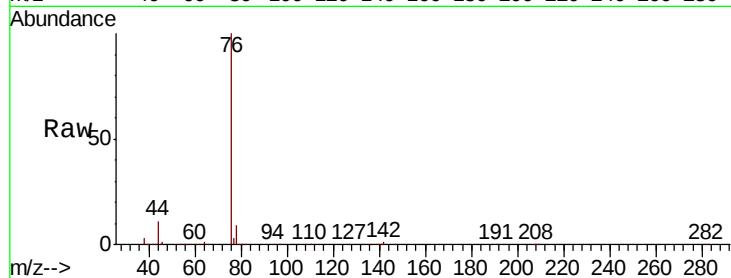




#17
Carbon Disulfide
Concen: 48.789 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX016543.D
Acq: 01 Jun 2020 20:39

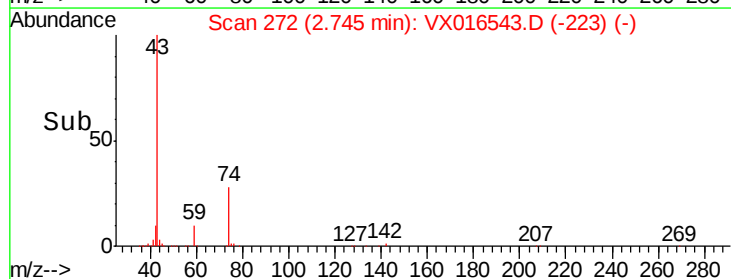
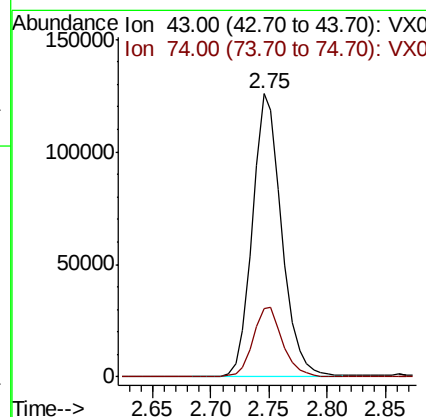
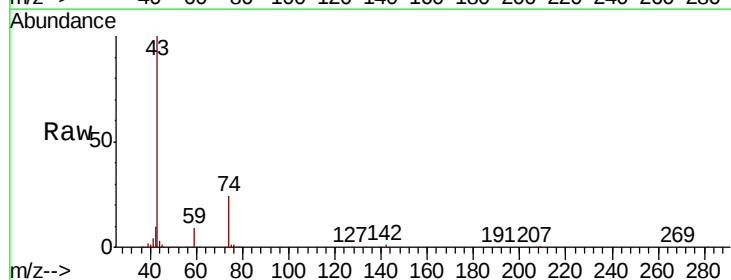
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

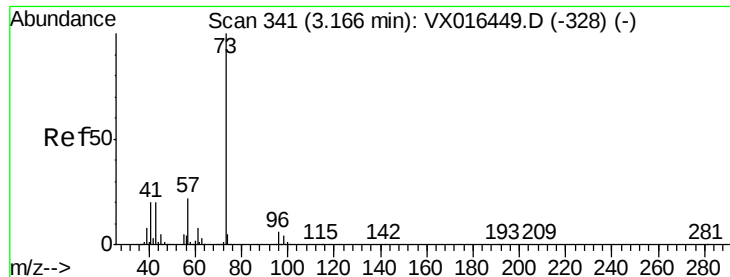
Tot Ion: 76 Resp: 424636
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0



#18
Methyl Acetate
Concen: 51.700 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX016543.D
Acq: 01 Jun 2020 20:39

Tgt Ion: 43 Resp: 219755
Ion Ratio Lower Upper
43 100
74 25.3 19.7 29.5



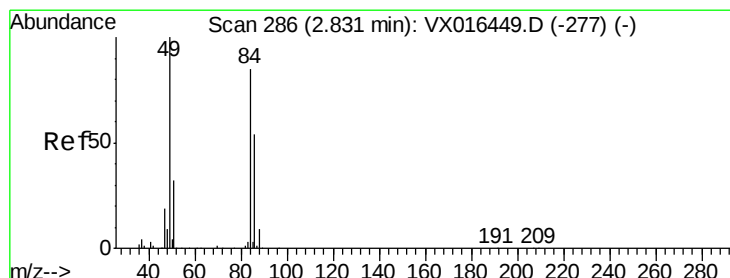
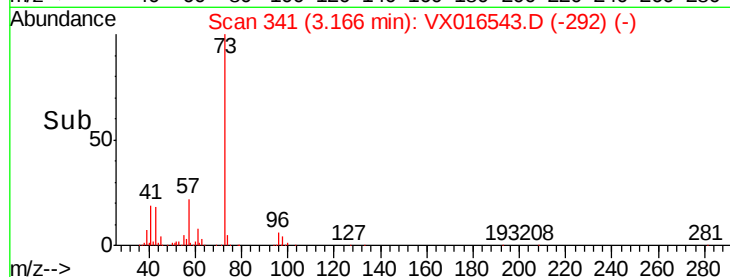
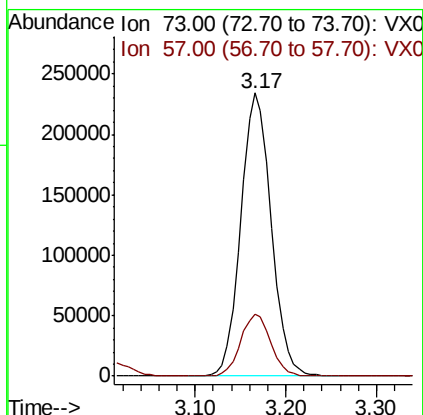
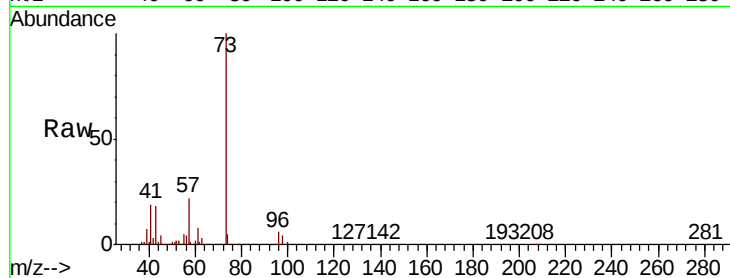


#19

Methyl tert-butyl Ether
 Concen: 51.324 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX016543.D
 Acq: 01 Jun 2020 20:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

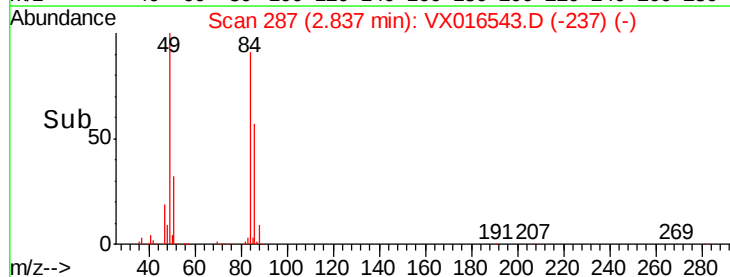
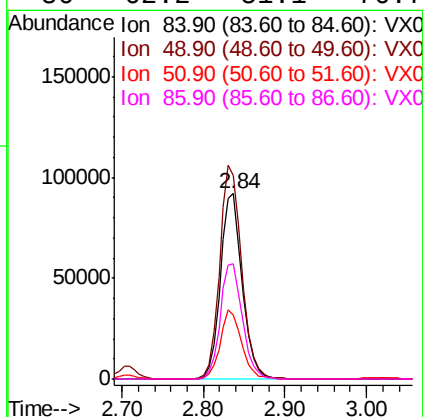
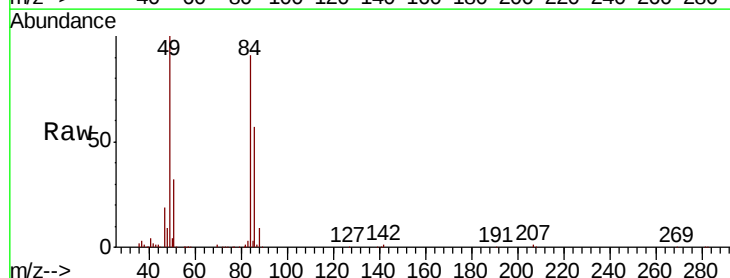
Tot Ion: 73 Resp: 540151
 Ion Ratio Lower Upper
 73 100
 57 22.0 17.8 26.6

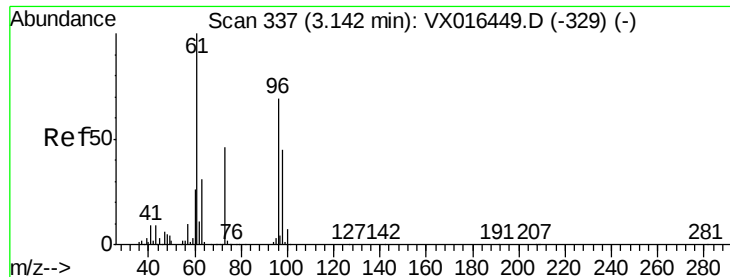


#20

Methylene Chloride
 Concen: 49.795 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. 0.01 min
 Lab File: VX016543.D
 Acq: 01 Jun 2020 20:39

Tgt Ion: 84 Resp: 170736
 Ion Ratio Lower Upper
 84 100
 49 109.7 94.5 141.7
 51 34.6 30.2 45.4
 86 62.2 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 50.256 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016543.D

Acq: 01 Jun 2020 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

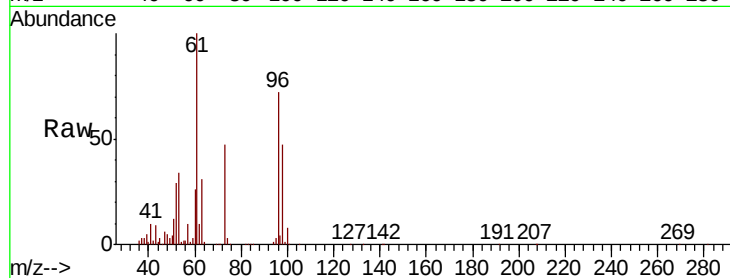
Tot Ion: 96 Resp: 162920

Ion Ratio Lower Upper

96 100

61 138.2 115.3 172.9

98 64.7 51.9 77.9

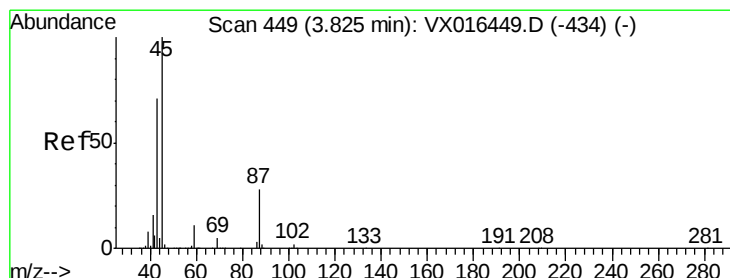
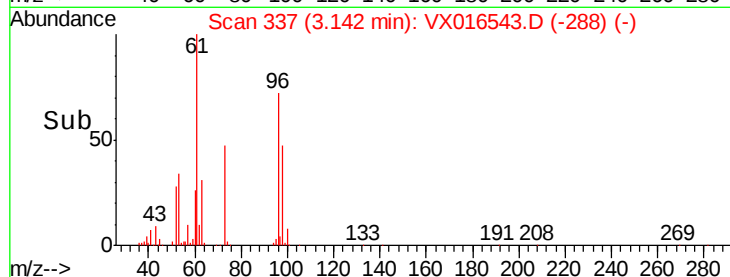
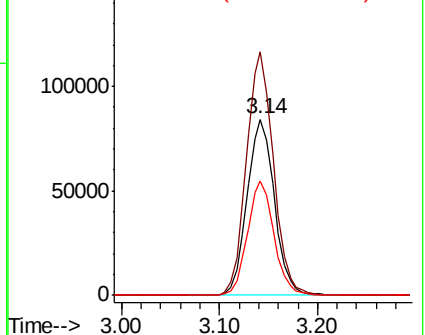


Abundance

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: 50.333 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX016543.D

Acq: 01 Jun 2020 20:39

Tgt Ion: 45 Resp: 521161

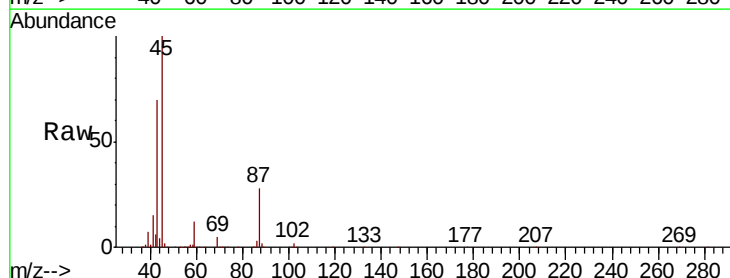
Ion Ratio Lower Upper

45 100

43 69.6 57.0 85.6

87 27.9 22.5 33.7

59 11.9 9.1 13.7



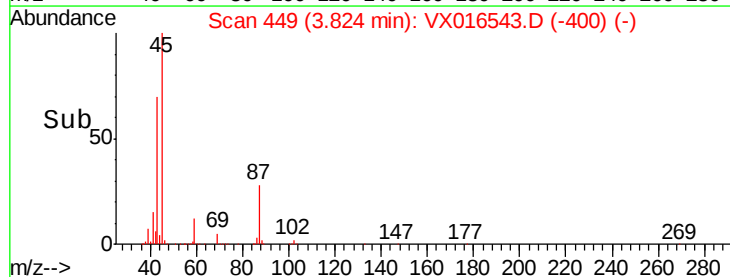
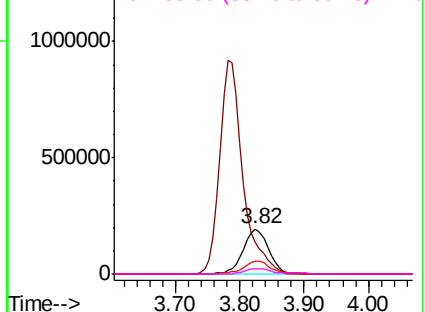
Abundance

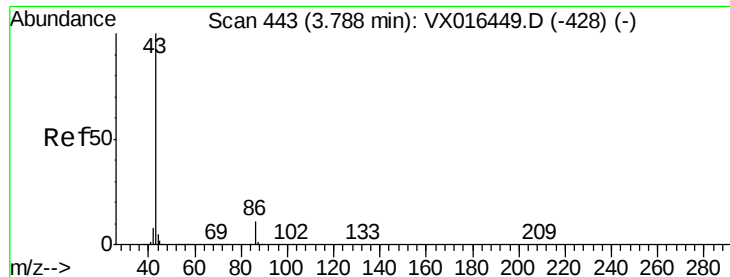
Ion 45.00 (44.70 to 45.70): VX0

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: 257.209 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016543.D

Acq: 01 Jun 2020 20:39

Instrument :

MSVOA_X

ClientSampleId :

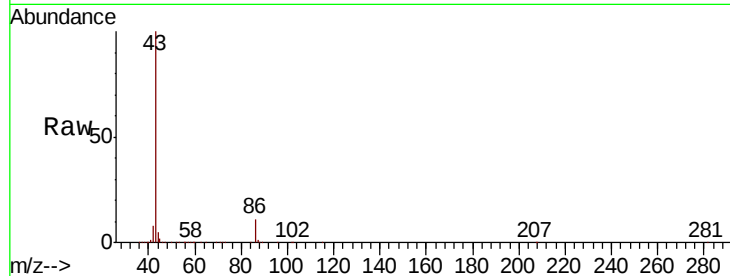
VSTDCCC050EC

Tot Ion: 43 Resp: 2331126

Ion Ratio Lower Upper

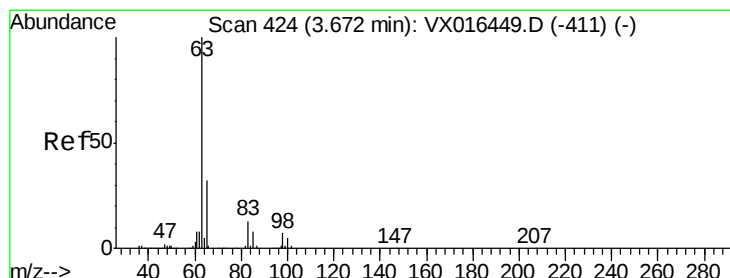
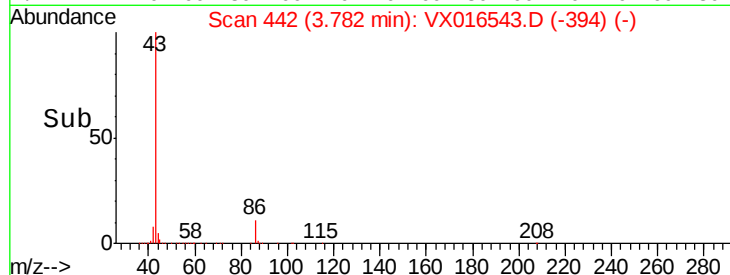
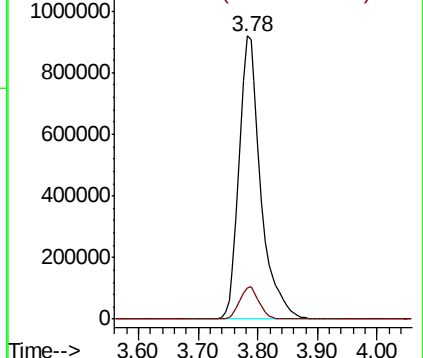
43 100

86 11.1 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 50.861 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016543.D

Acq: 01 Jun 2020 20:39

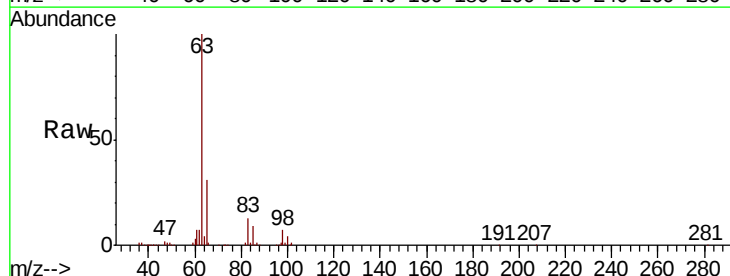
Tgt Ion: 63 Resp: 297240

Ion Ratio Lower Upper

63 100

98 7.0 3.6 10.9

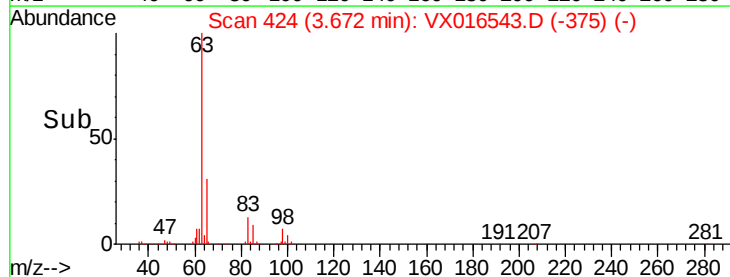
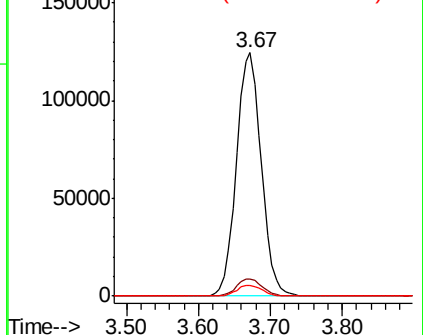
100 4.3 2.4 7.1

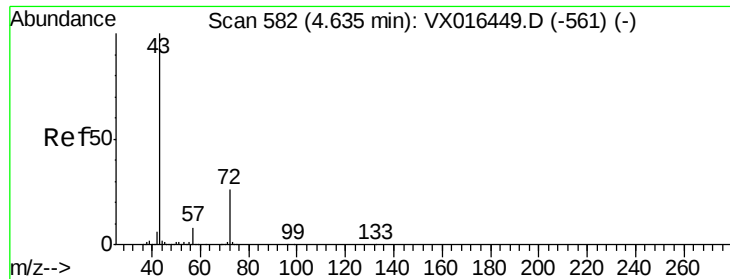


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 248.257 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX016543.D

Acq: 01 Jun 2020 20:39

Instrument :

MSVOA_X

ClientSampleId :

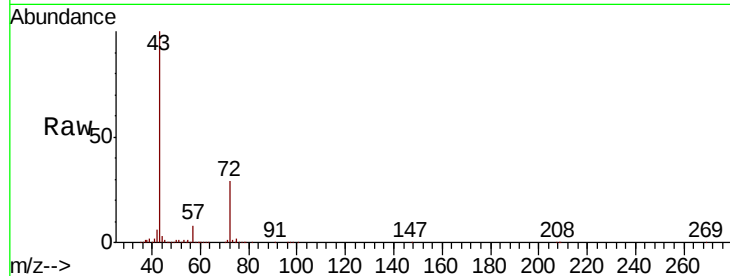
VSTDCCC050EC

Tot Ion: 43 Resp: 697145

Ion Ratio Lower Upper

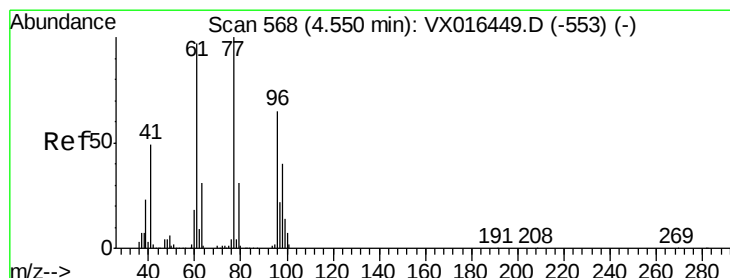
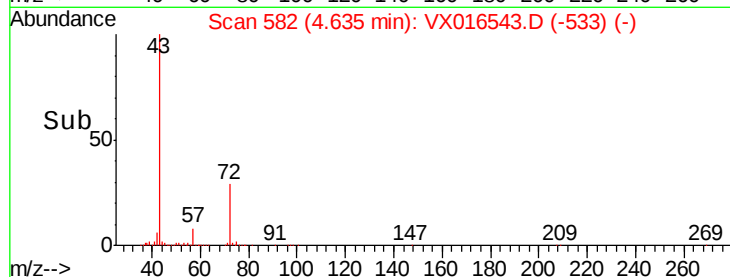
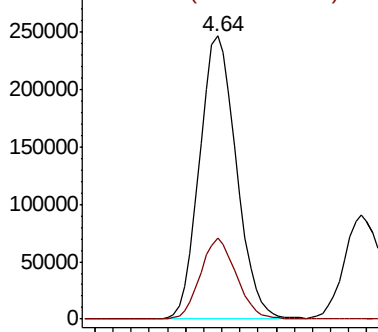
43 100

72 28.4 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 47.081 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.01 min

Lab File: VX016543.D

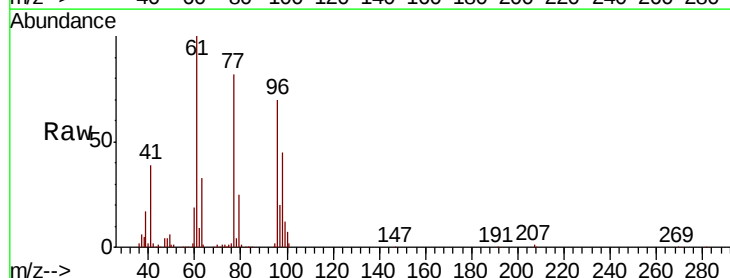
Acq: 01 Jun 2020 20:39

Tgt Ion: 77 Resp: 225146

Ion Ratio Lower Upper

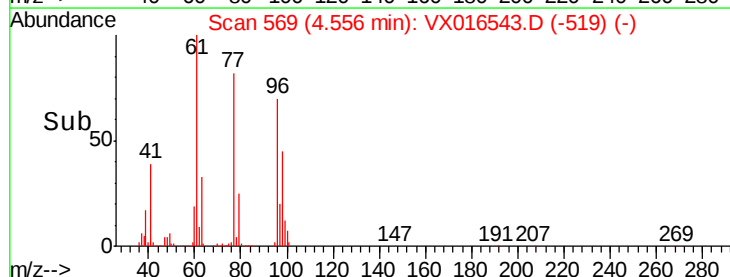
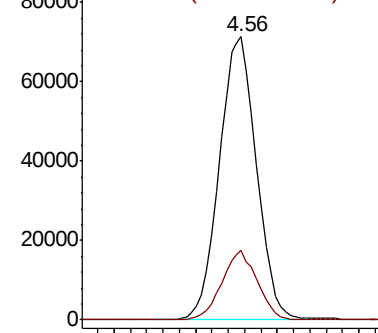
77 100

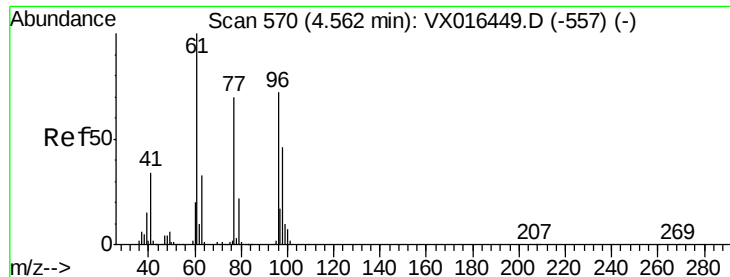
97 23.4 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



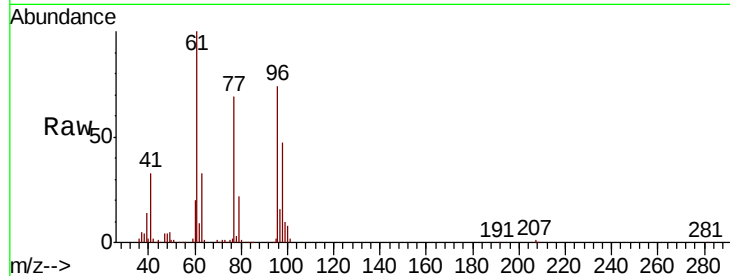


#27

cis-1,2-Dichloroethene
Concen: 49.930 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX016543.D
Acq: 01 Jun 2020 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	141.8	0.0	284.6
98	64.5	0.0	127.2

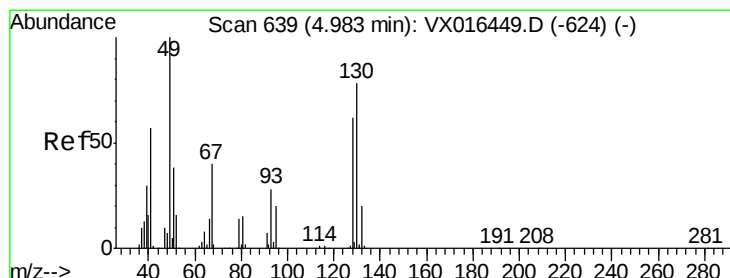
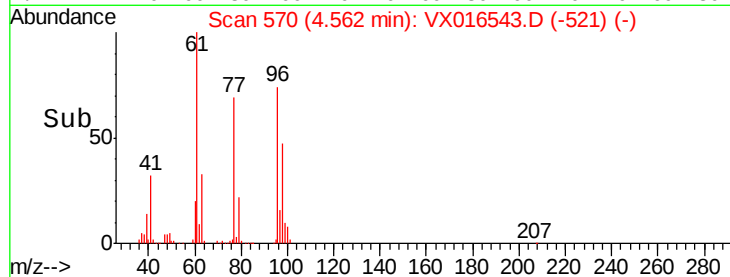
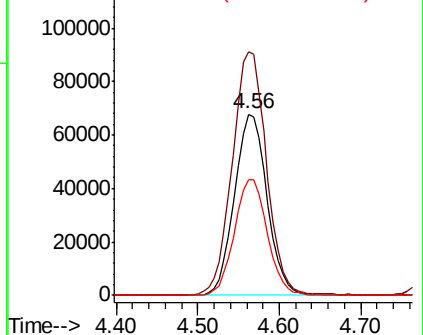


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

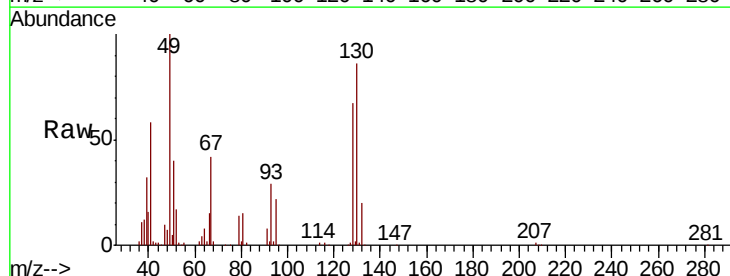
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
Concen: 48.920 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX016543.D
Acq: 01 Jun 2020 20:39

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	4.0
130	82.8	63.0	94.4

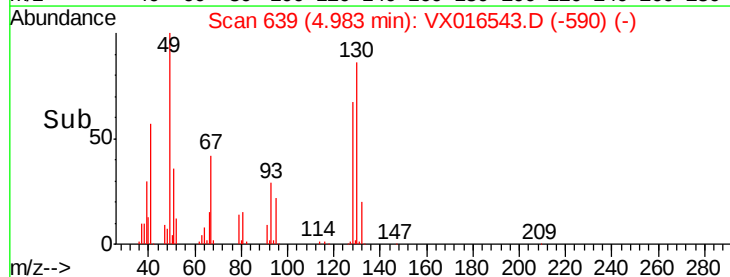
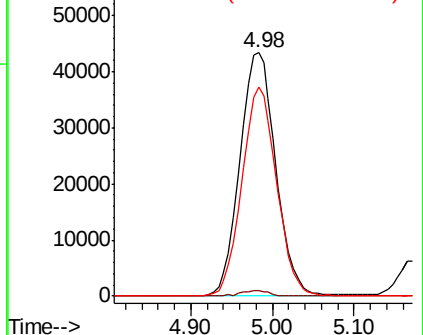


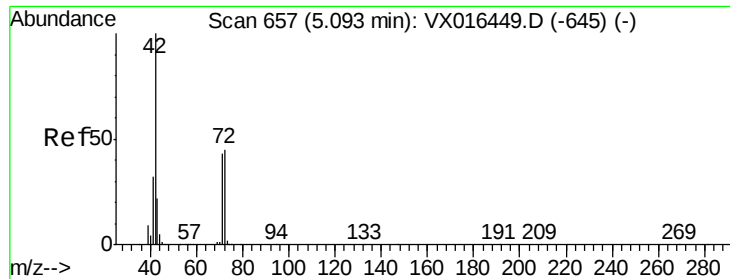
Abundance

Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

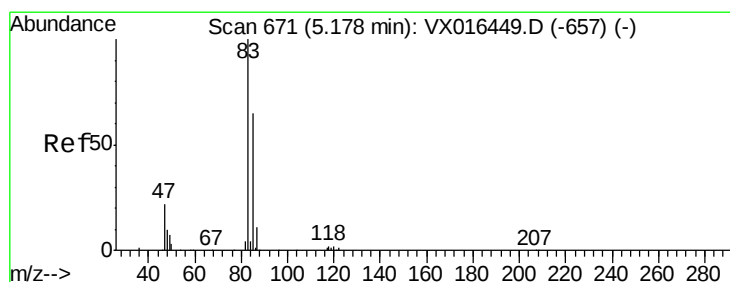
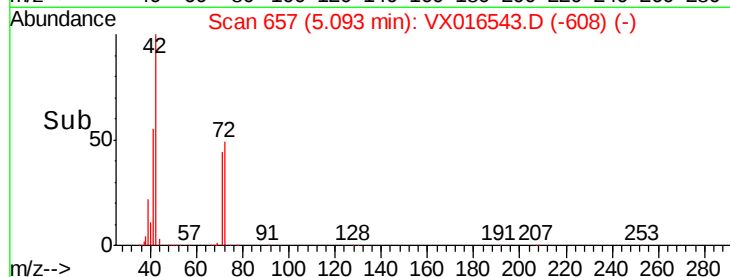
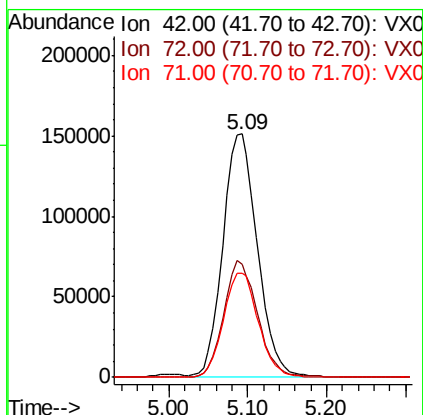
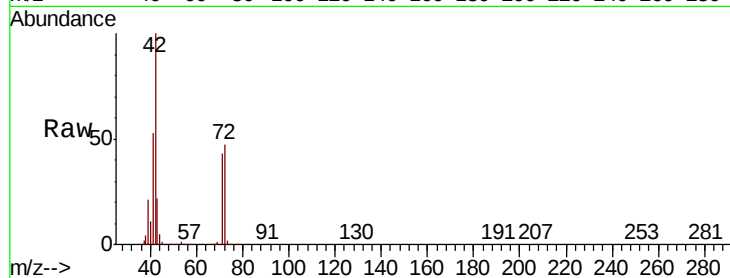




#29
Tetrahydrofuran
Concen: 252.916 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX016543.D
Acq: 01 Jun 2020 20:39

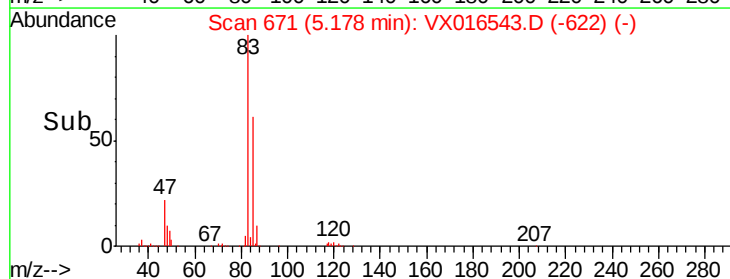
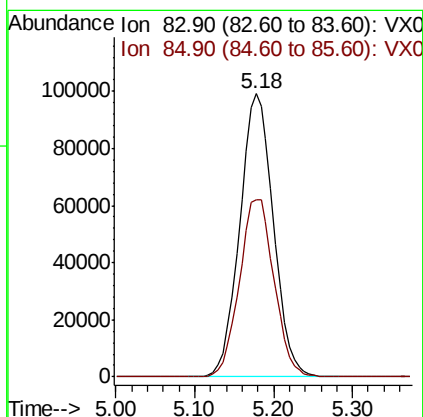
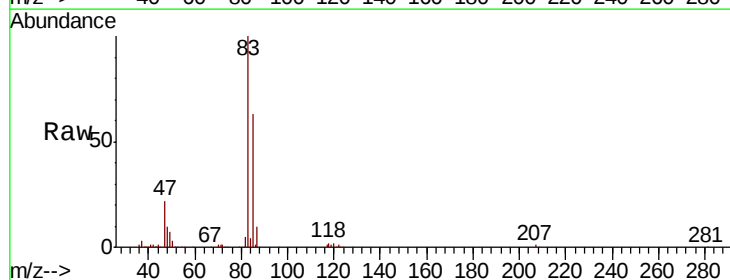
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

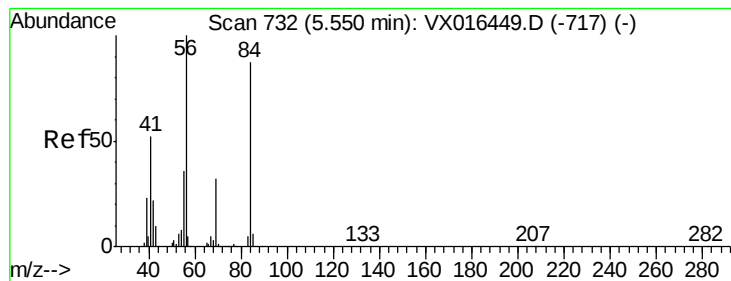
Tot Ion: 42 Resp: 458842
Ion Ratio Lower Upper
42 100
72 47.3 37.0 55.4
71 43.7 34.1 51.1



#30
Chloroform
Concen: 49.864 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX016543.D
Acq: 01 Jun 2020 20:39

Tgt Ion: 83 Resp: 293630
Ion Ratio Lower Upper
83 100
85 62.7 52.0 78.0





#31

Cyclohexane

Concen: 47.416 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX016543.D

Acq: 01 Jun 2020 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

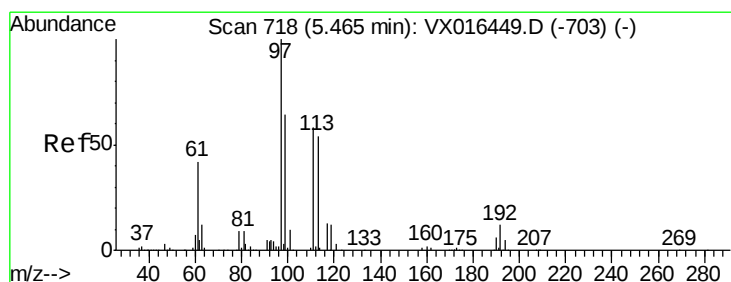
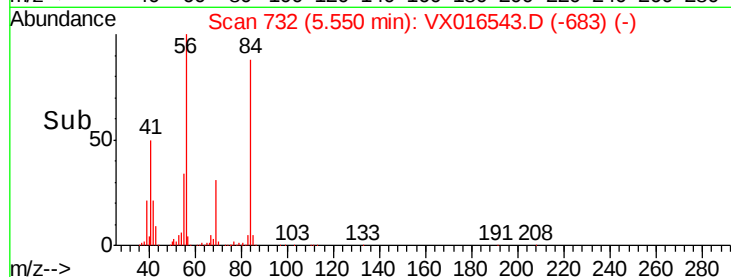
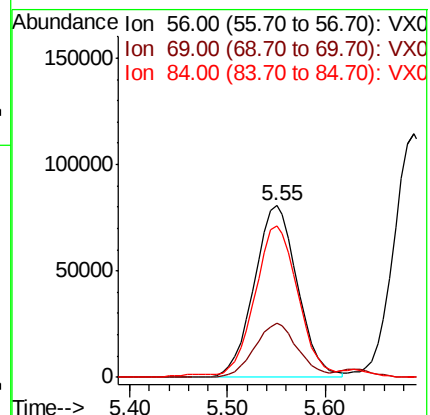
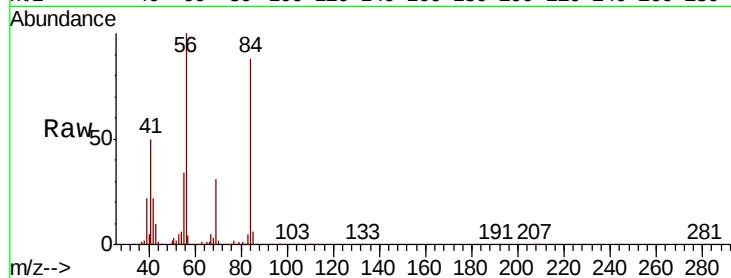
Tot Ion: 56 Resp: 249293

Ion Ratio Lower Upper

56 100

69 31.4 25.7 38.5

84 86.2 70.0 105.0



#32

1,1,1-Trichloroethane

Concen: 48.662 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX016543.D

Acq: 01 Jun 2020 20:39

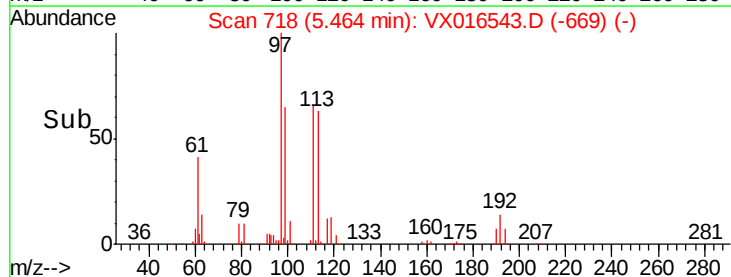
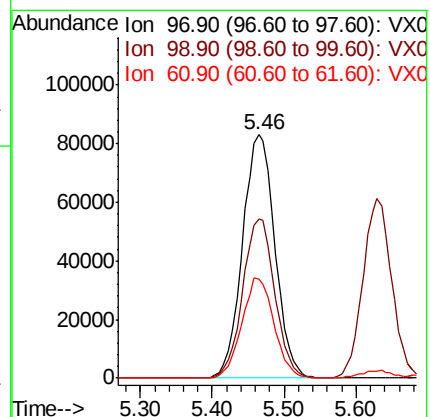
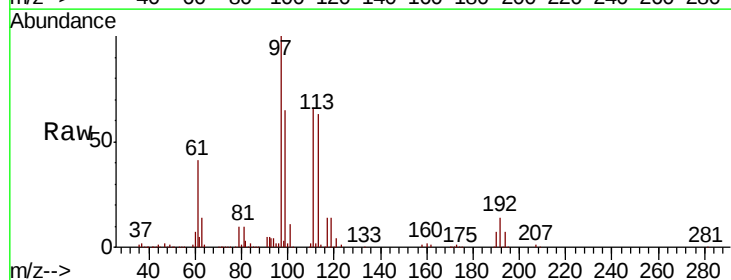
Tgt Ion: 97 Resp: 259424

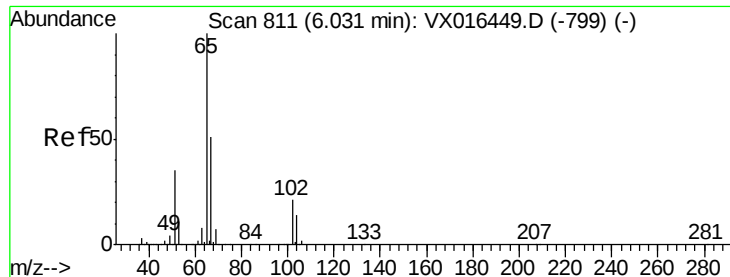
Ion Ratio Lower Upper

97 100

99 64.6 51.4 77.2

61 40.8 33.5 50.3

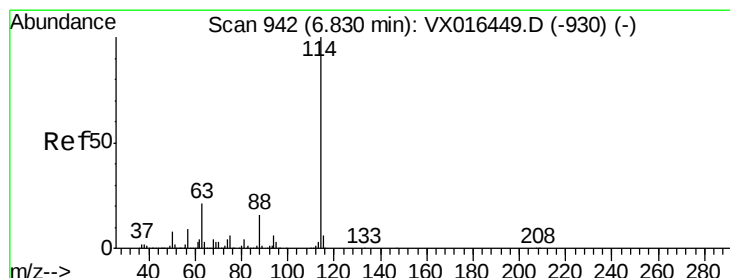
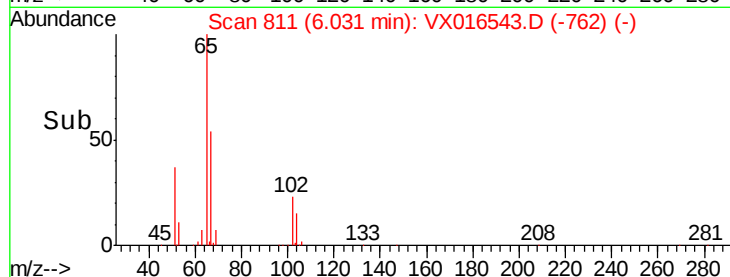
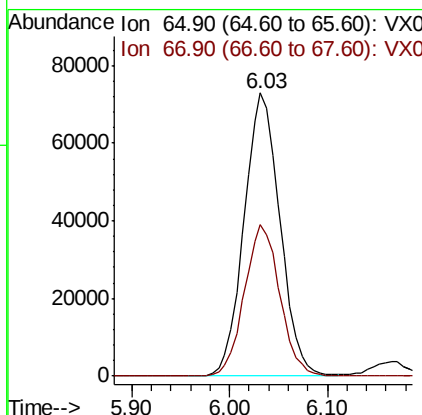
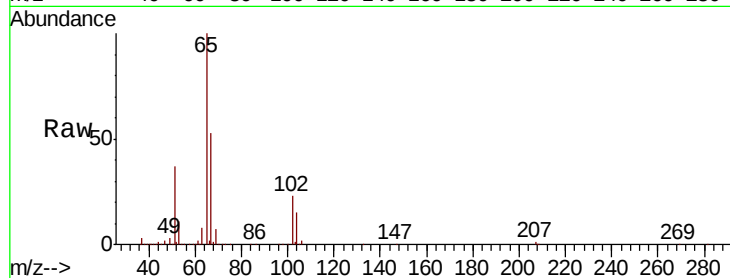




#33
 1,2-Dichloroethane-d4
 Concen: 49.265 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX016543.D
 Acq: 01 Jun 2020 20:39

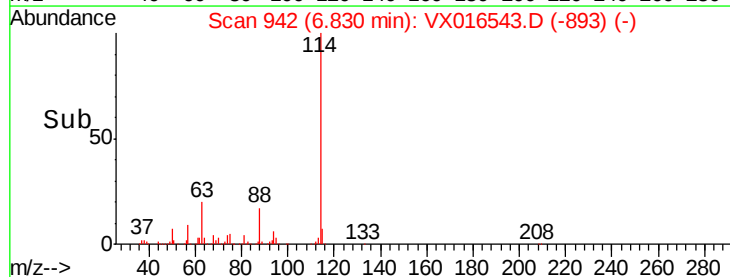
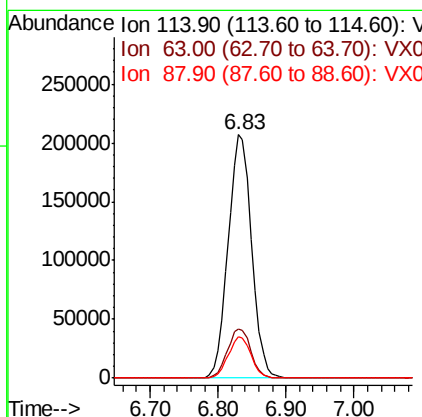
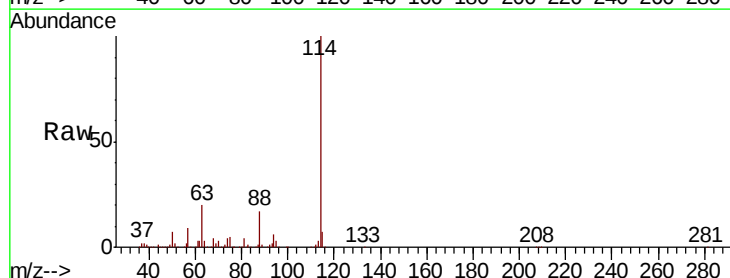
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 65 Resp: 186351
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX016543.D
 Acq: 01 Jun 2020 20:39

Tgt Ion: 114 Resp: 493664
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 42.6
 88 16.8 0.0 32.8





#35

Dibromofluoromethane

Concen: 49.290 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX016543.D

Acq: 01 Jun 2020 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

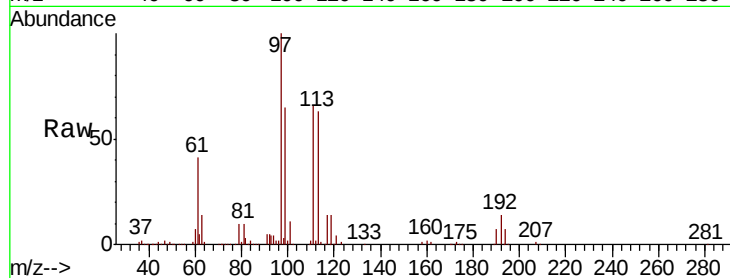
Tot Ion:113 Resp: 149827

Ion Ratio Lower Upper

113 100

111 103.7 83.0 124.6

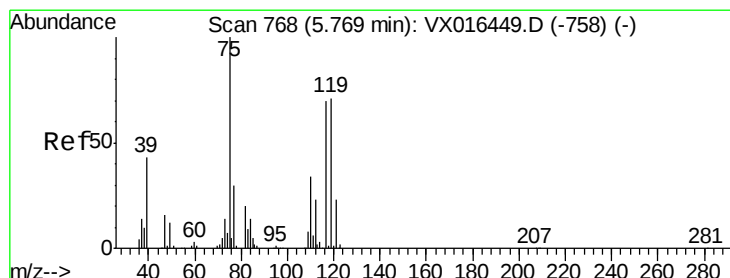
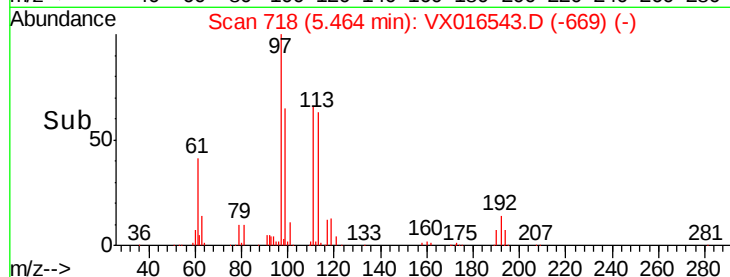
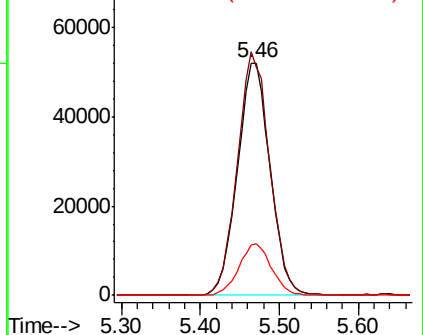
192 22.1 17.7 26.5



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: 47.097 ug/l

RT: 5.77 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX016543.D

Acq: 01 Jun 2020 20:39

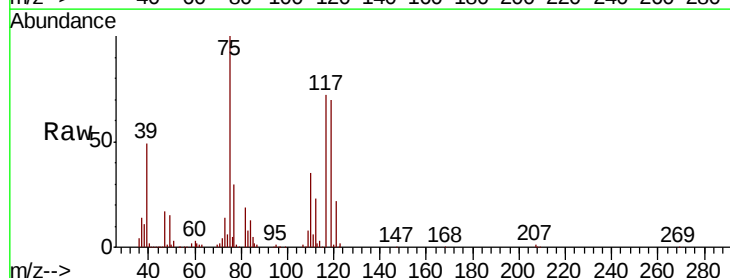
Tgt Ion: 75 Resp: 220136

Ion Ratio Lower Upper

75 100

110 35.8 17.4 52.3

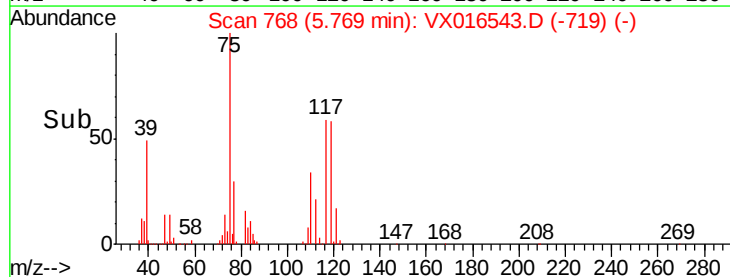
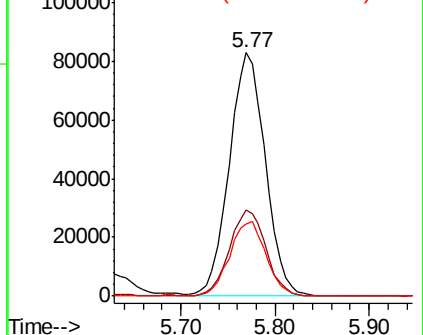
77 31.3 24.2 36.4

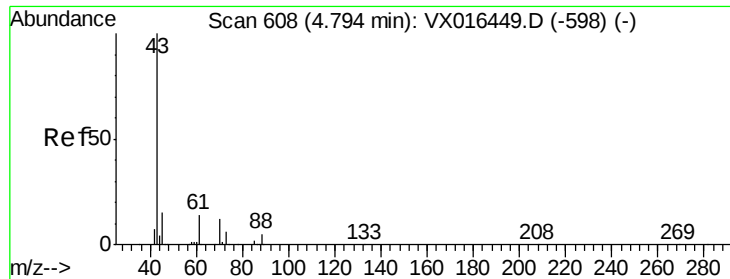


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

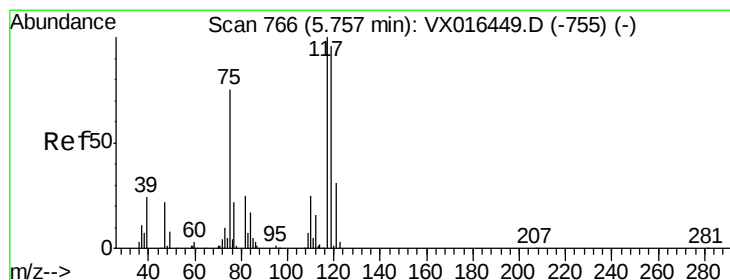
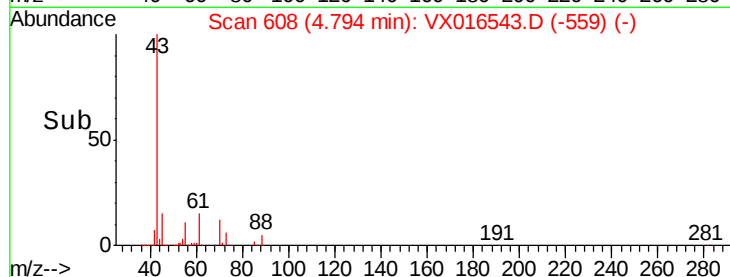
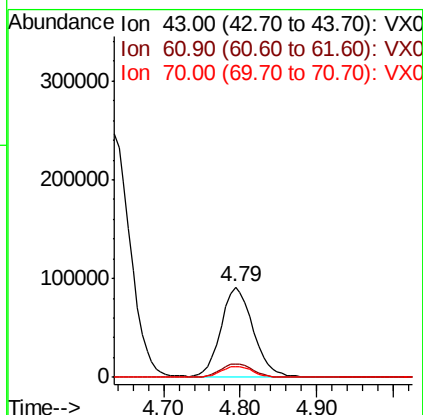
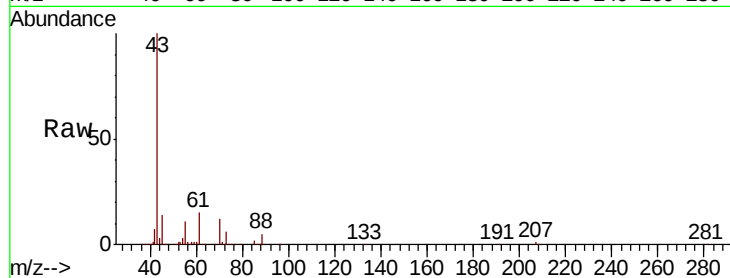




#37
Ethyl Acetate
Concen: 47.182 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX016543.D
Acq: 01 Jun 2020 20:39

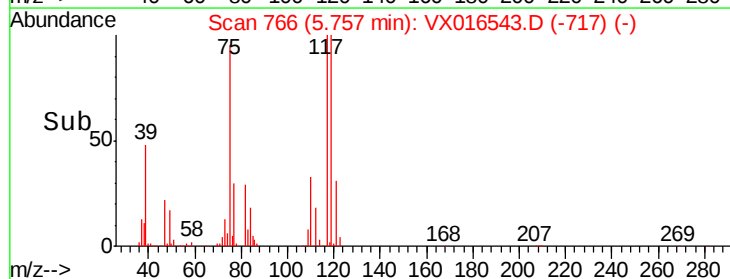
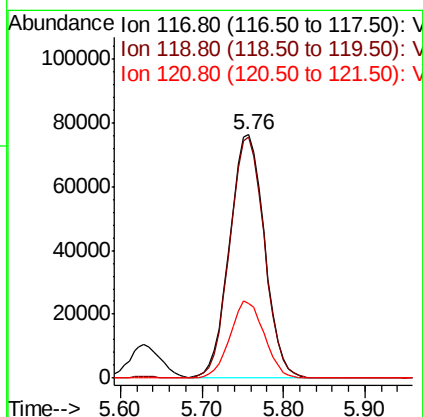
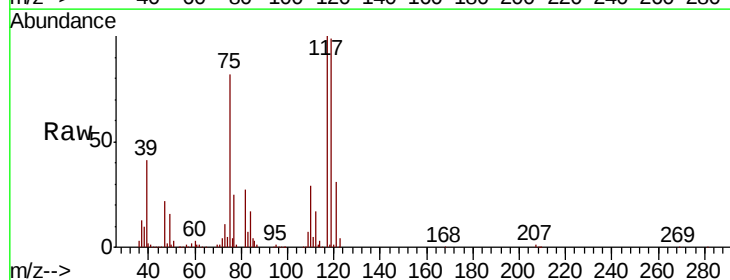
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 264769
Ion Ratio Lower Upper
43 100
61 15.3 11.3 16.9
70 12.3 9.3 13.9



#38
Carbon Tetrachloride
Concen: 45.954 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016543.D
Acq: 01 Jun 2020 20:39

Tgt Ion: 117 Resp: 225726
Ion Ratio Lower Upper
117 100
119 99.0 76.3 114.5
121 30.9 24.6 37.0

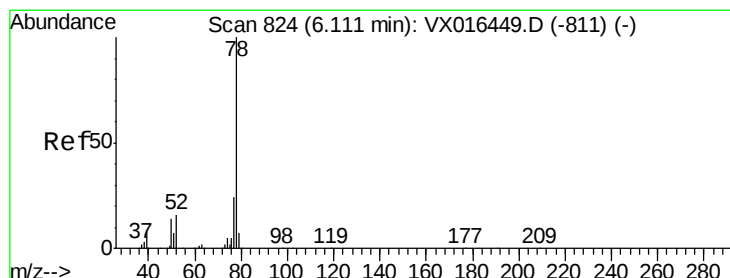
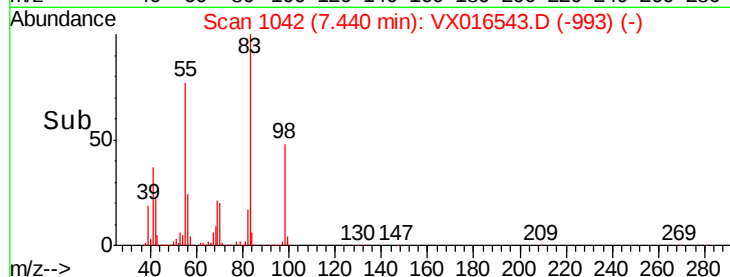
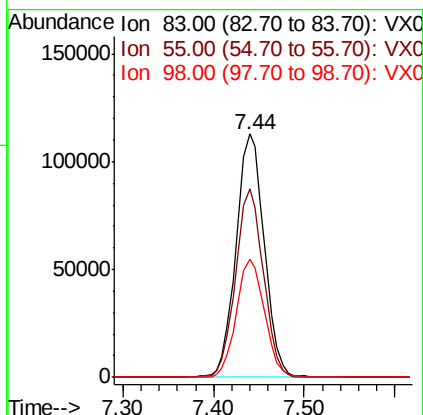
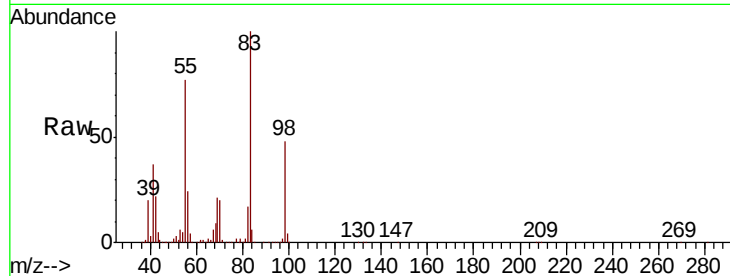




#39
Methvlcvclohexane
Concen: 47.984 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016543.D
Acq: 01 Jun 2020 20:39

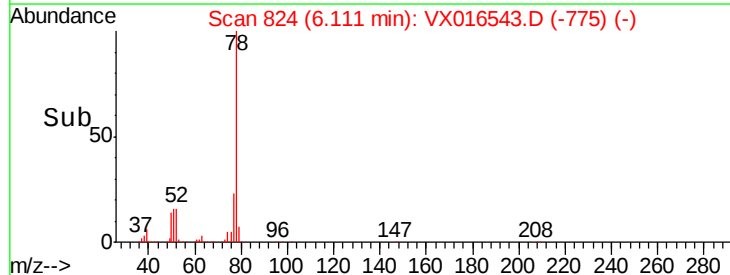
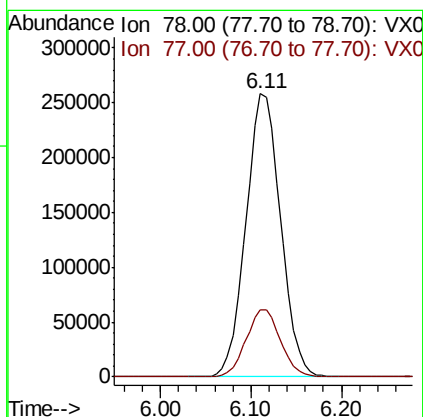
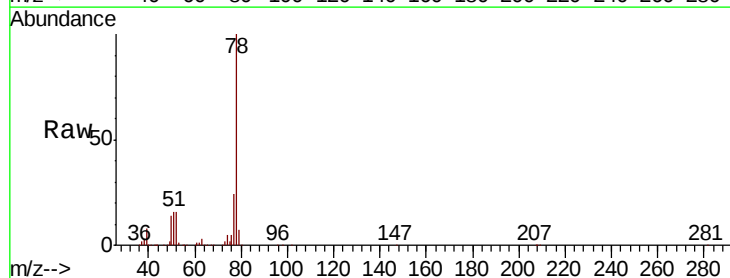
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

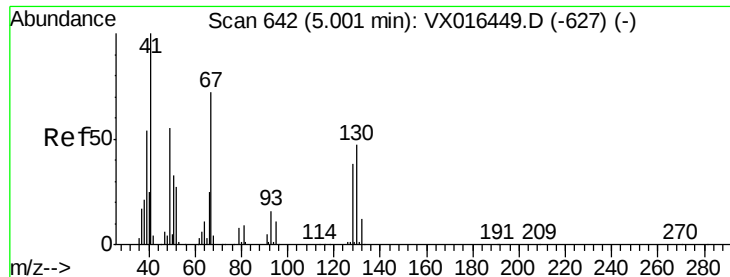
Tot Ion: 83 Resp: 243605
Ion Ratio Lower Upper
83 100
55 77.1 61.7 92.5
98 48.3 38.7 58.1



#40
Benzene
Concen: 49.096 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX016543.D
Acq: 01 Jun 2020 20:39

Tgt Ion: 78 Resp: 683379
Ion Ratio Lower Upper
78 100
77 23.8 18.9 28.3

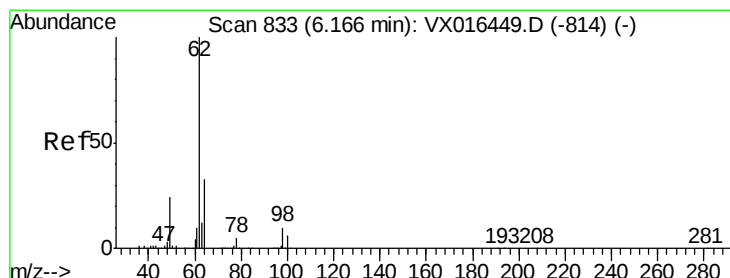
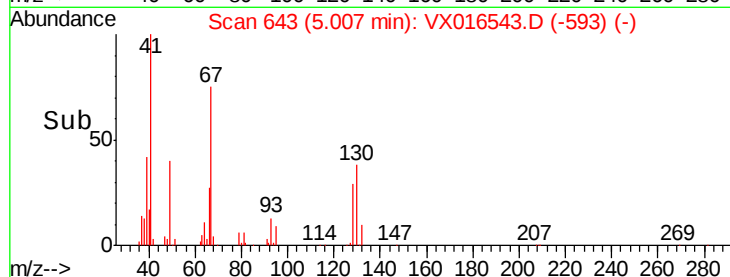
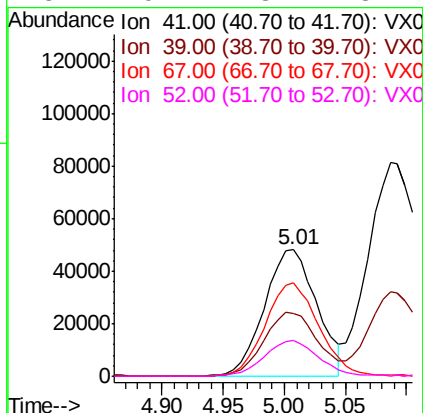
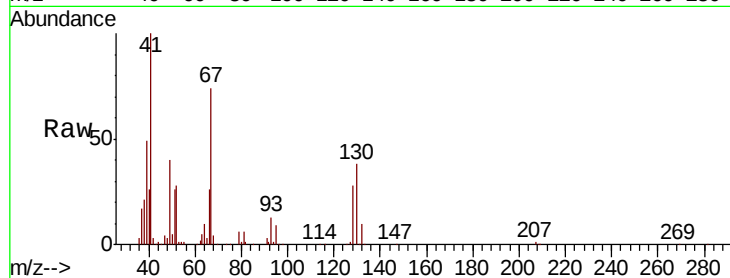




#41
Methacrylonitrile
Concen: 46.659 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.01 min
Lab File: VX016543.D
Acq: 01 Jun 2020 20:39

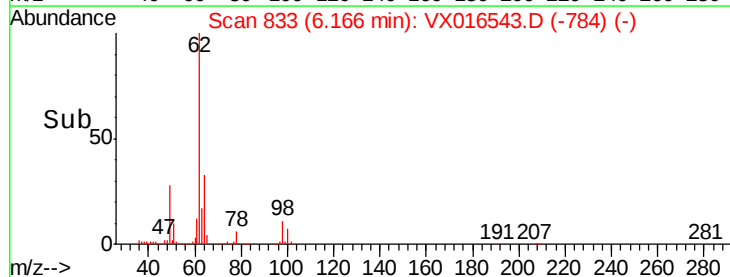
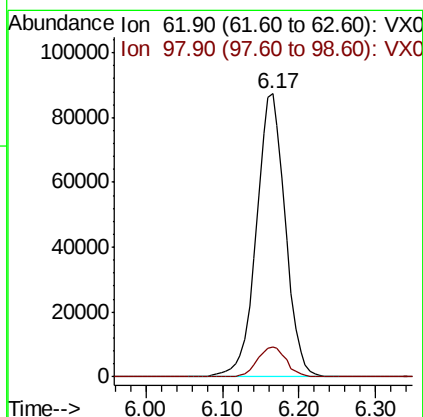
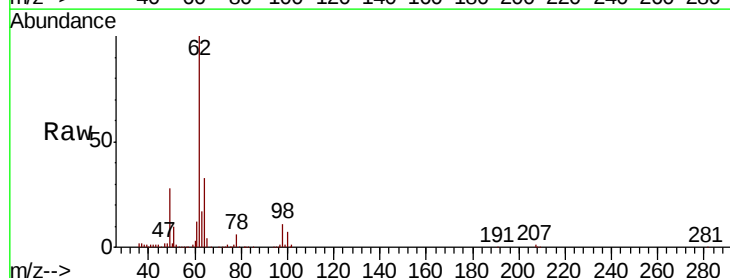
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	143821
Ion	Ratio	Lower	Upper
41	100		
39	51.1	43.0	64.4
67	75.6	58.9	88.3
52	29.4	23.1	34.7



#42
1,2-Dichloroethane
Concen: 46.580 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX016543.D
Acq: 01 Jun 2020 20:39

Tgt Ion:	62	Resp:	230570
Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	19.8



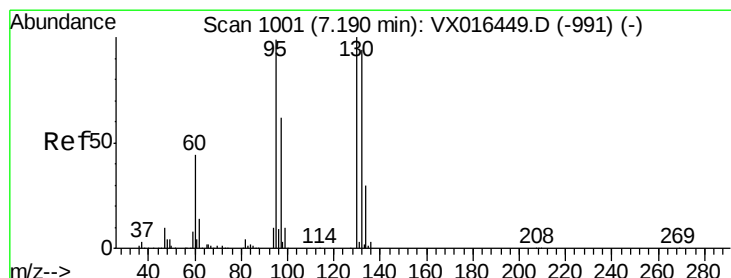
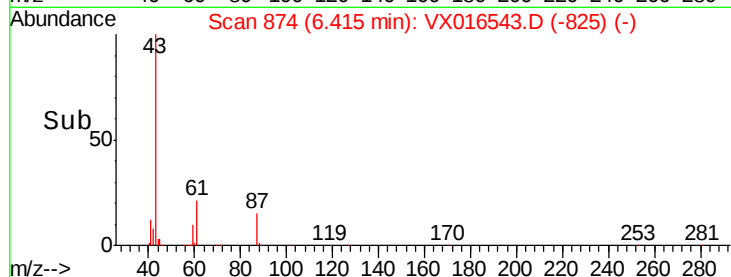
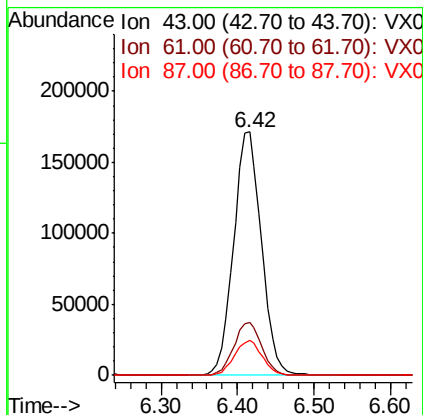
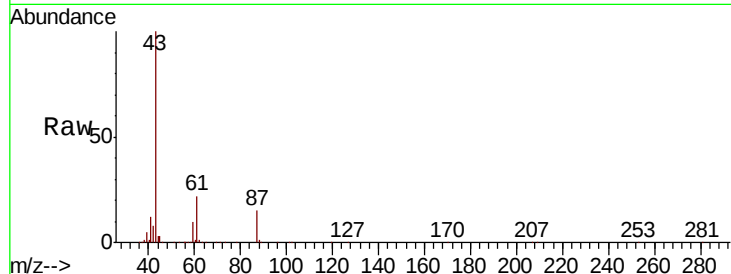


#43

Isopropyl Acetate
 Concen: 49.041 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX016543.D
 Acq: 01 Jun 2020 20:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

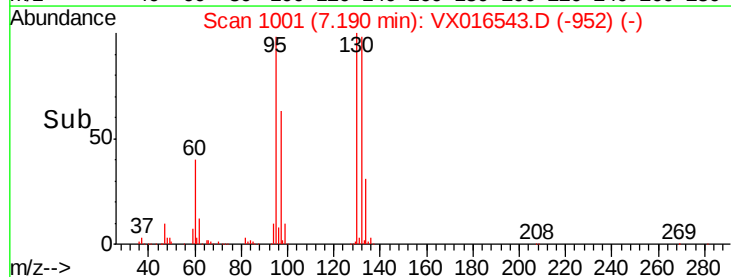
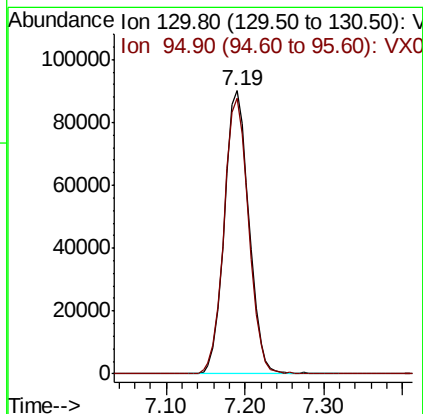
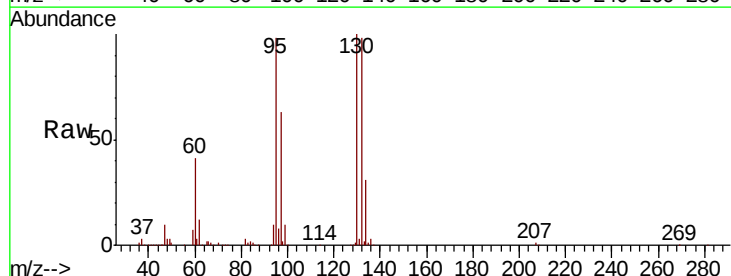
Tot Ion: 43 Resp: 429262
 Ion Ratio Lower Upper
 43 100
 61 21.9 16.8 25.2
 87 14.4 11.2 16.8

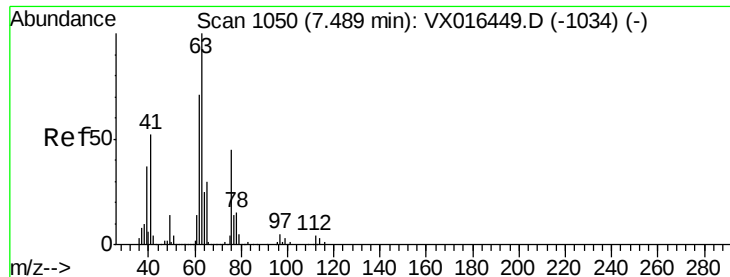


#44

Trichloroethene
 Concen: 44.211 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX016543.D
 Acq: 01 Jun 2020 20:39

Tgt Ion: 130 Resp: 195248
 Ion Ratio Lower Upper
 130 100
 95 97.6 0.0 198.2





#45

1,2-Dichloropropane

Concen: 49.480 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX016543.D

Acq: 01 Jun 2020 20:39

Instrument :

MSVOA_X

ClientSampleId :

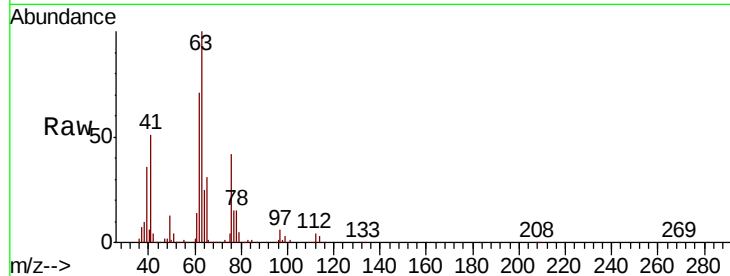
VSTDCCC050EC

Tot Ion: 63 Resp: 175334

Ion Ratio Lower Upper

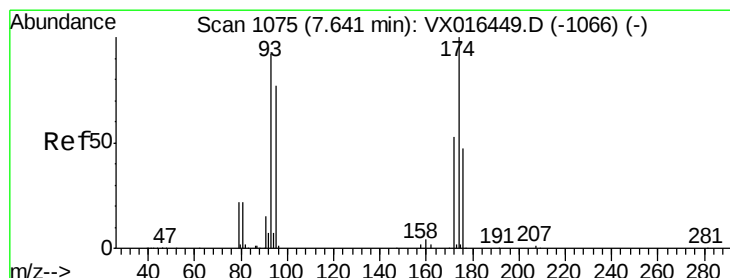
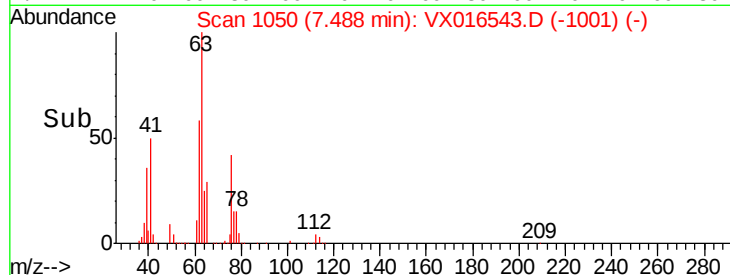
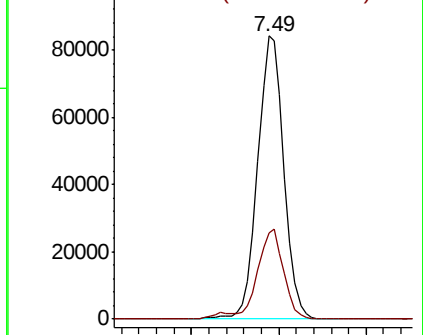
63 100

65 30.5 24.2 36.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 48.649 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX016543.D

Acq: 01 Jun 2020 20:39

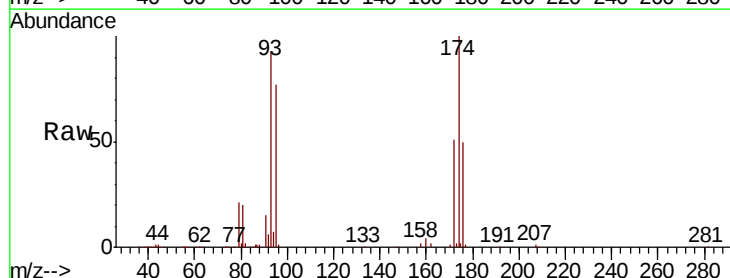
Tgt Ion: 93 Resp: 115787

Ion Ratio Lower Upper

93 100

95 83.8 66.6 100.0

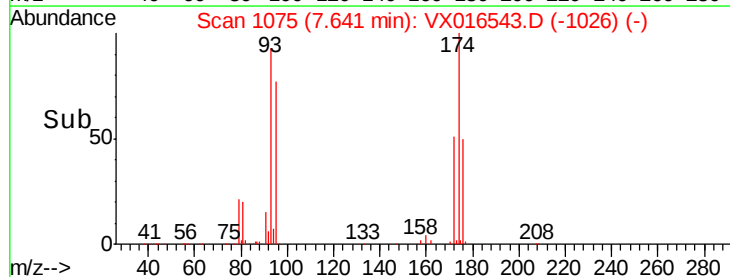
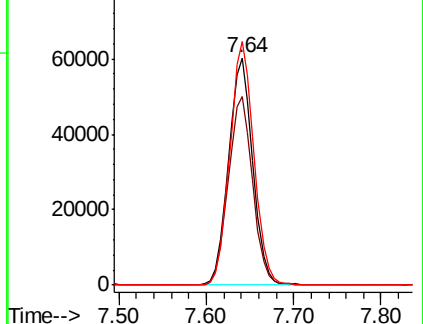
174 107.2 86.2 129.4

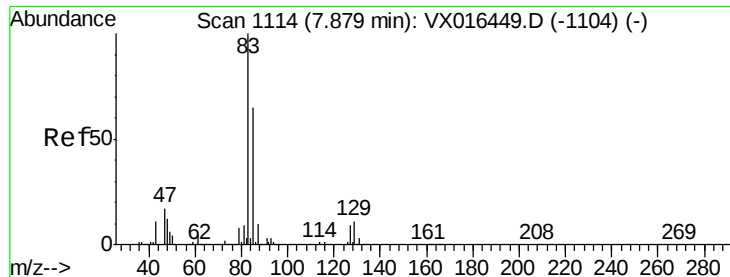


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 48.801 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016543.D

Acq: 01 Jun 2020 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

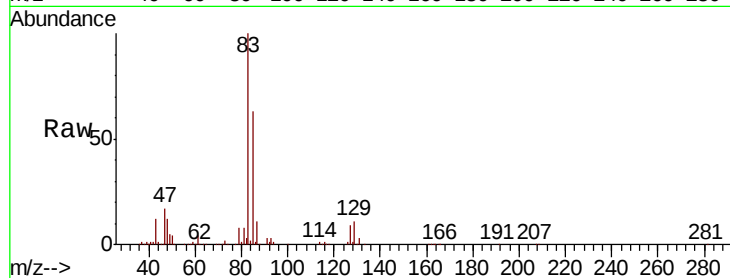
Tot Ion: 83 Resp: 240497

Ion Ratio Lower Upper

83 100

85 63.2 52.0 78.0

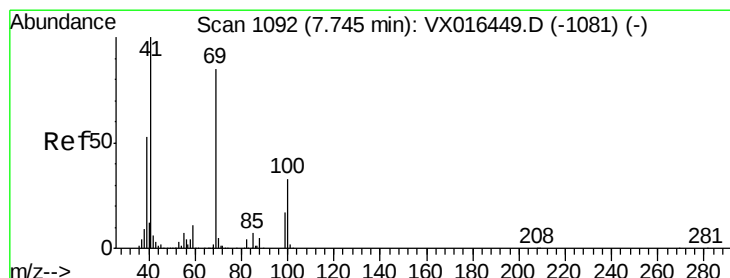
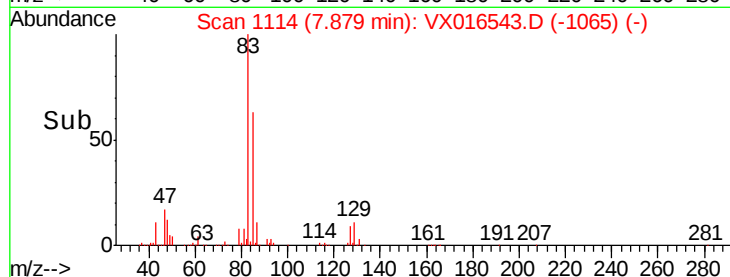
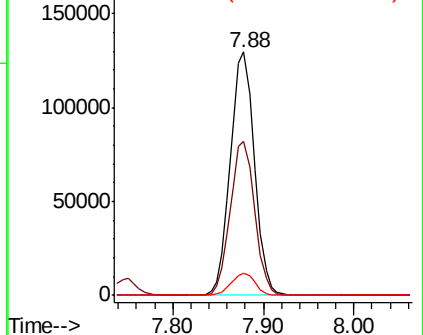
127 9.1 7.4 11.0



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: 48.858 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX016543.D

Acq: 01 Jun 2020 20:39

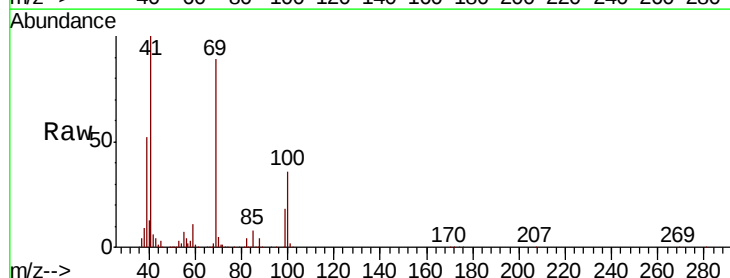
Tgt Ion: 41 Resp: 204763

Ion Ratio Lower Upper

41 100

69 88.7 68.6 102.8

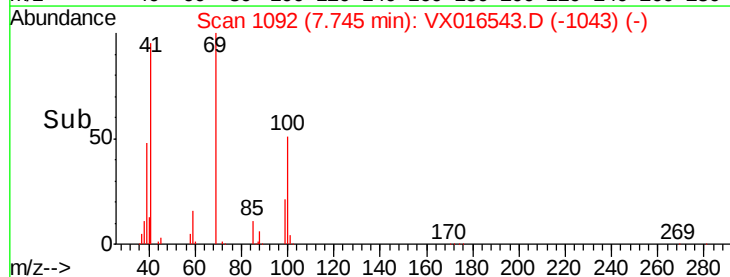
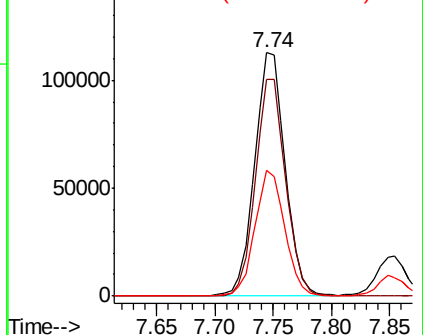
39 50.7 42.4 63.6

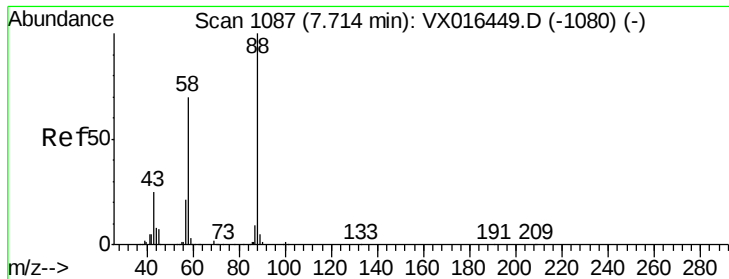


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 882.803 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX016543.D

Acq: 01 Jun 2020 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

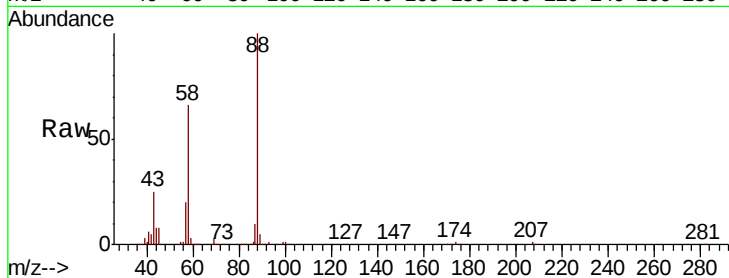
Tot Ion: 88 Resp: 86585

Ion Ratio Lower Upper

88 100

43 31.8 24.2 36.4

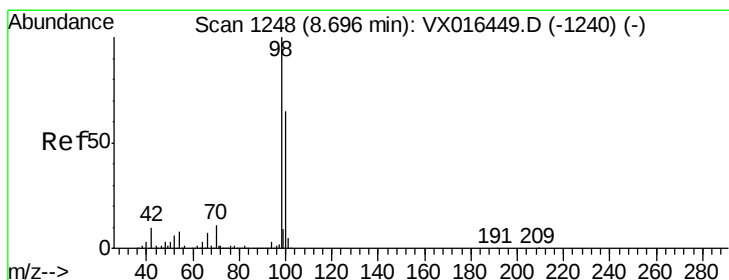
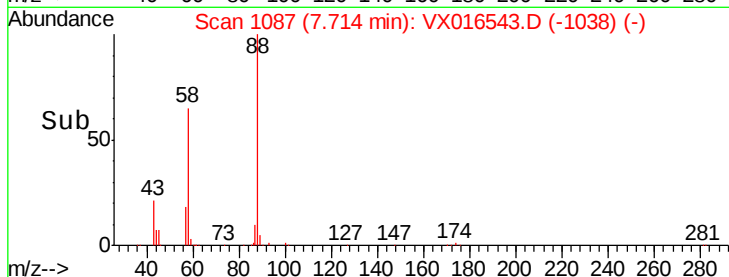
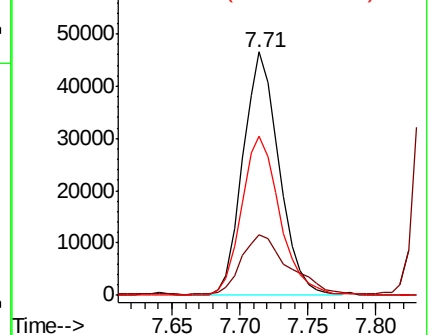
58 69.5 56.5 84.7



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 49.083 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016543.D

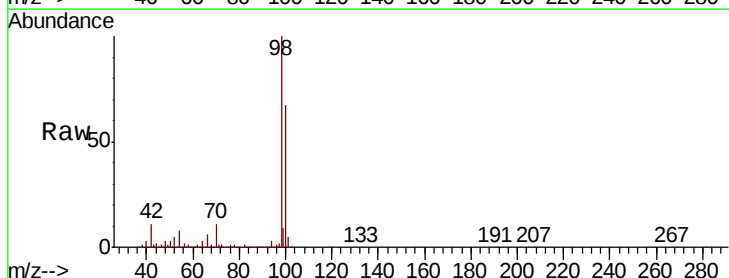
Acq: 01 Jun 2020 20:39

Tgt Ion: 98 Resp: 580709

Ion Ratio Lower Upper

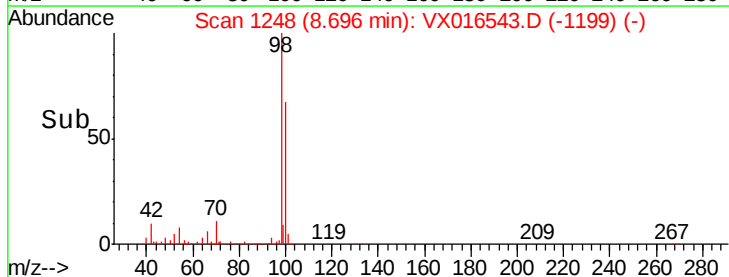
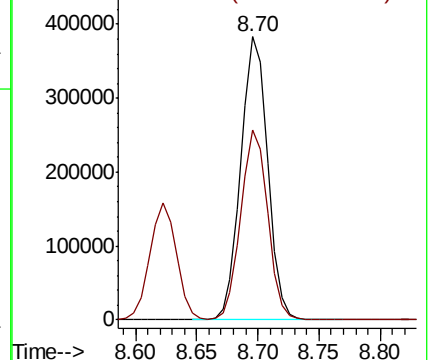
98 100

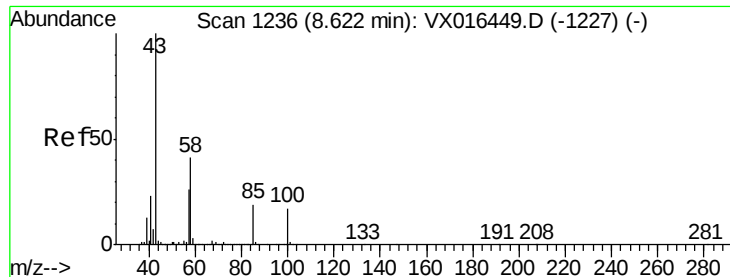
100 67.1 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 246.820 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX016543.D

Acq: 01 Jun 2020 20:39

Instrument :

MSVOA_X

ClientSampleId :

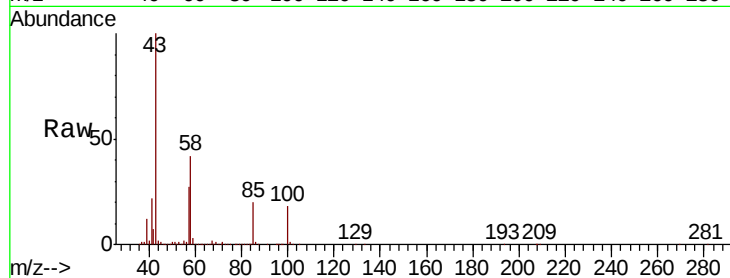
VSTDCCC050EC

Tot Ion: 43 Resp: 1345221

Ion Ratio Lower Upper

43 100

58 42.2 33.0 49.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.62

800000

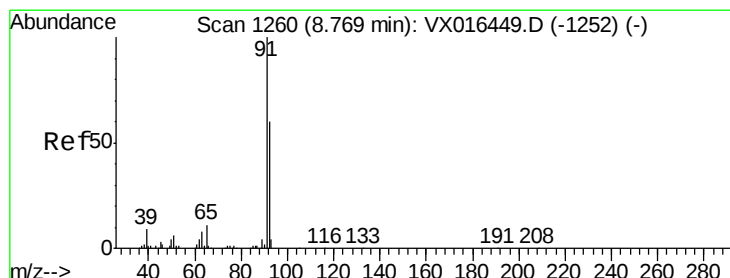
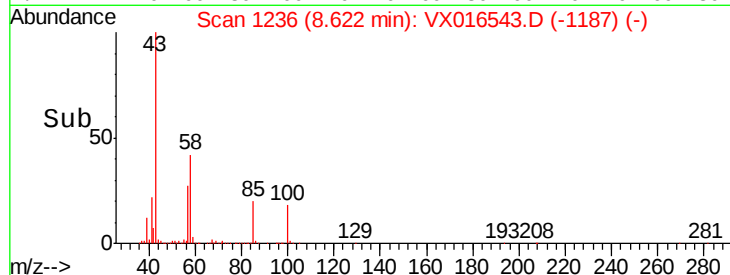
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 48.493 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX016543.D

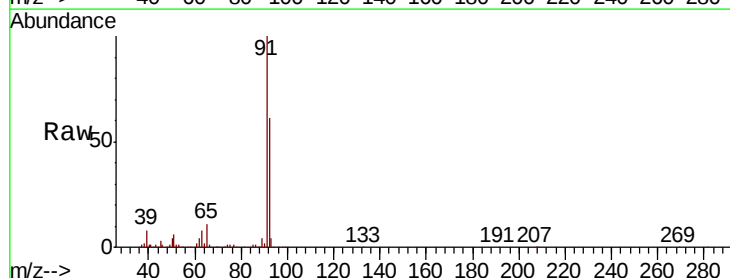
Acq: 01 Jun 2020 20:39

Tgt Ion: 92 Resp: 425637

Ion Ratio Lower Upper

92 100

91 168.6 135.0 202.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.77

500000

400000

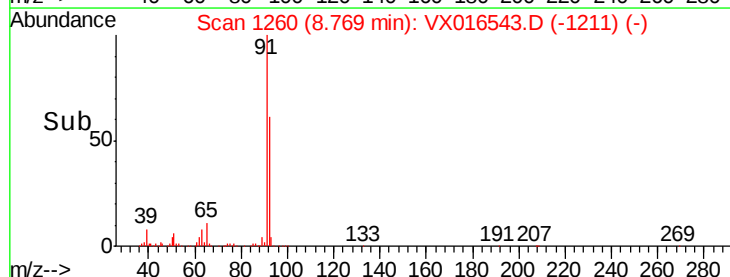
300000

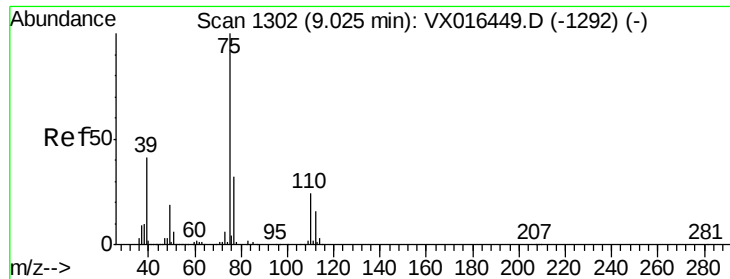
200000

100000

0

Time-->

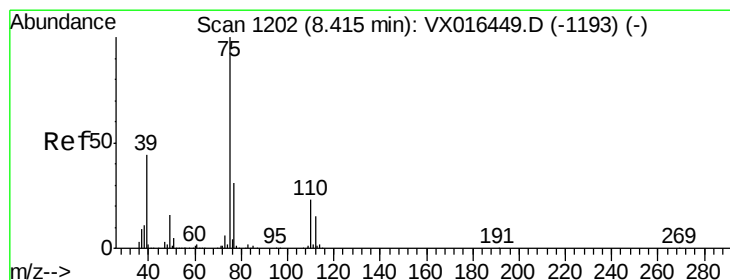
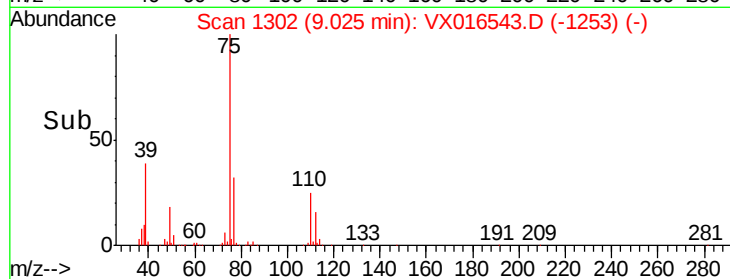
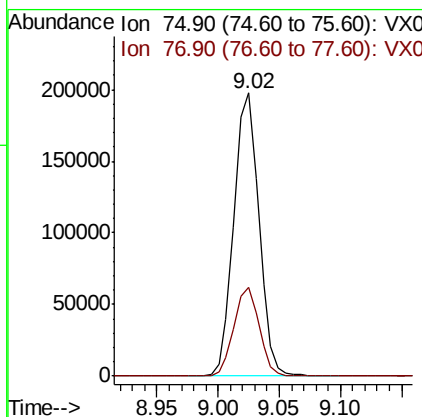
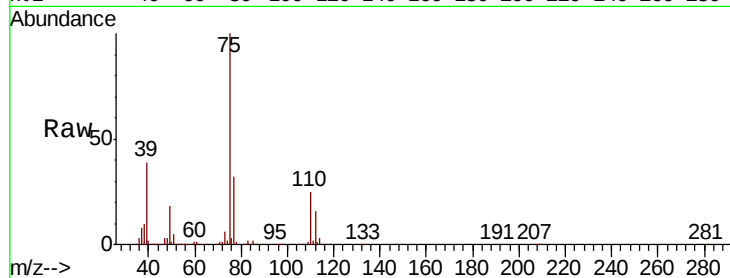




#53
t-1,3-Dichloropropene
Concen: 50.001 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX016543.D
Acq: 01 Jun 2020 20:39

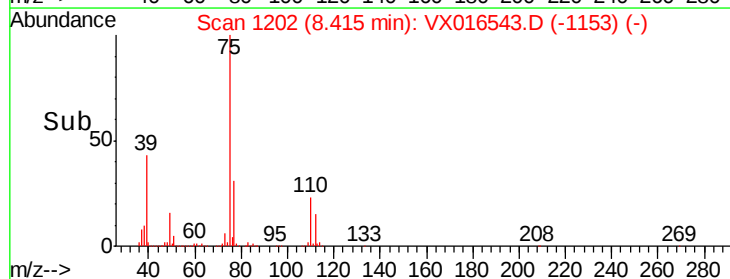
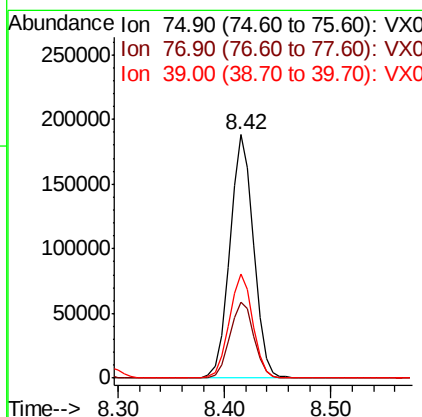
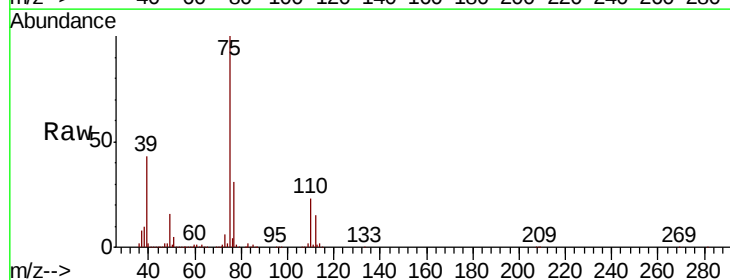
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

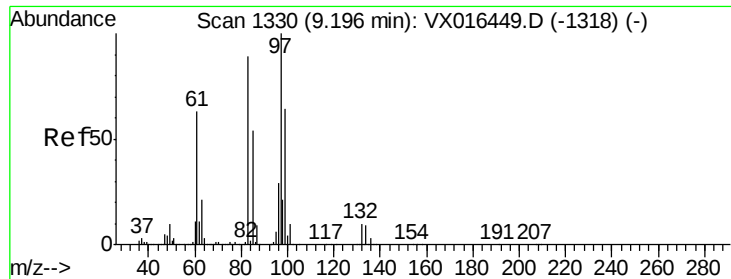
Tot Ion: 75 Resp: 280193
Ion Ratio Lower Upper
75 100
77 31.5 25.5 38.3



#54
cis-1,3-Dichloropropene
Concen: 49.512 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX016543.D
Acq: 01 Jun 2020 20:39

Tgt Ion: 75 Resp: 293678
Ion Ratio Lower Upper
75 100
77 31.2 24.6 36.8
39 42.7 35.3 52.9

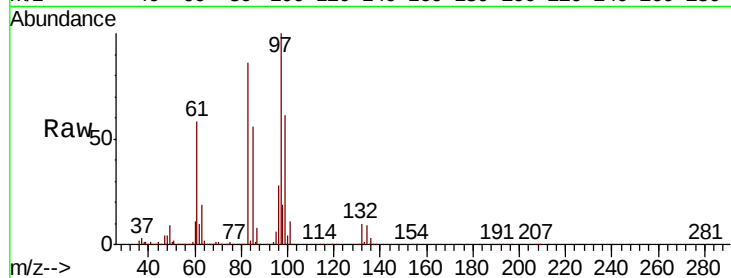




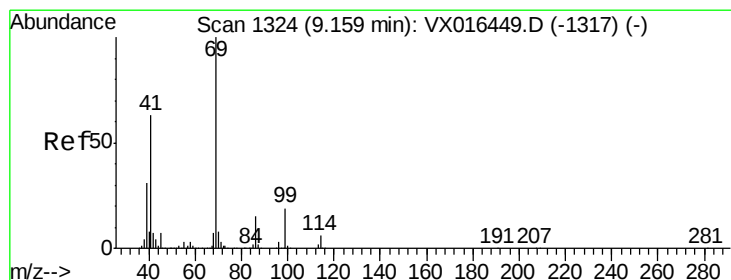
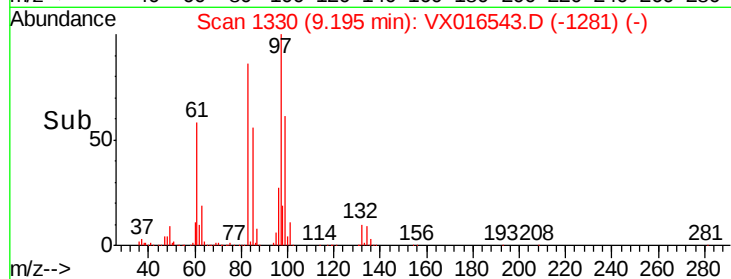
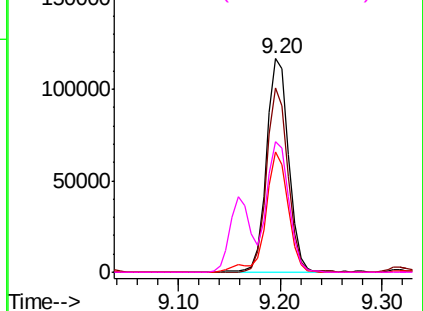
#55
 1,1,2-Trichloroethane
 Concen: 50.193 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016543.D
 Acq: 01 Jun 2020 20:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	175166
Ion	Ratio	Lower	Upper
97	100		
83	86.3	70.9	106.3
85	56.4	43.4	65.2
99	61.3	51.0	76.6

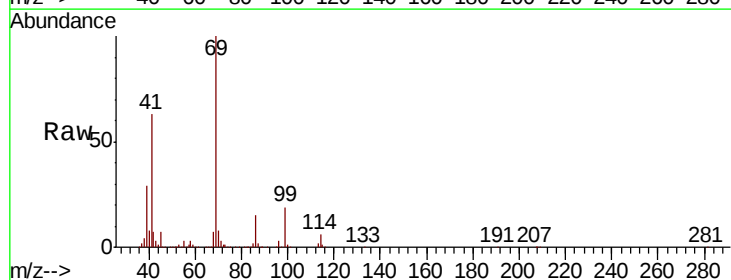


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

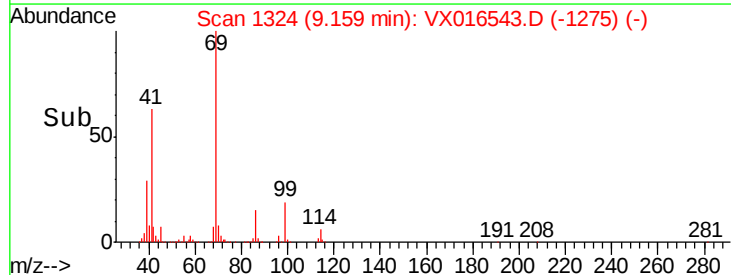
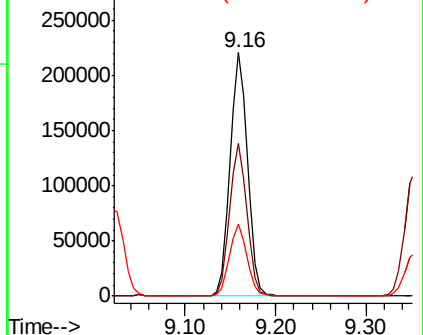


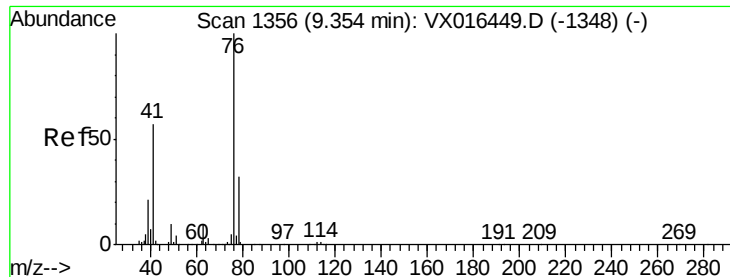
#56
 Ethyl methacrylate
 Concen: 52.075 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016543.D
 Acq: 01 Jun 2020 20:39

Tgt Ion:	69	Resp:	295980
Ion	Ratio	Lower	Upper
69	100		
41	61.8	50.7	76.1
39	29.6	25.8	38.6



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: 49.745 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016543.D

Acq: 01 Jun 2020 20:39

Instrument :

MSVOA_X

ClientSampleId :

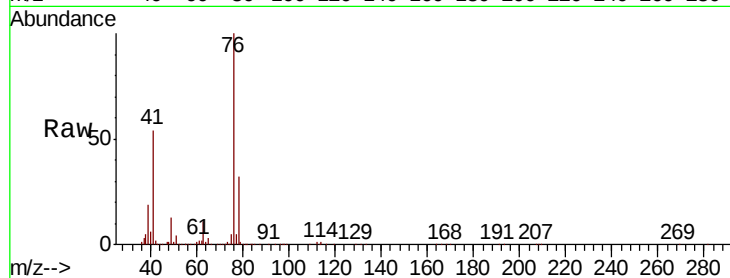
VSTDCCC050EC

Tot Ion: 76 Resp: 297981

Ion Ratio Lower Upper

76 100

78 32.4 26.2 39.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

200000

150000

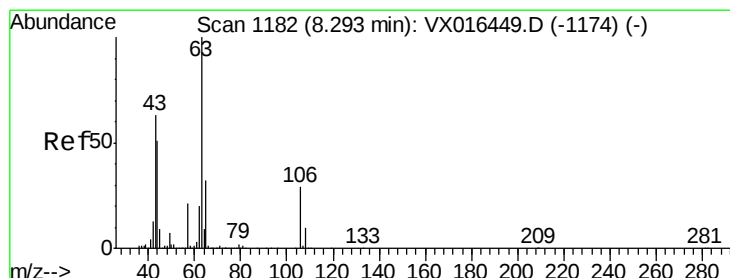
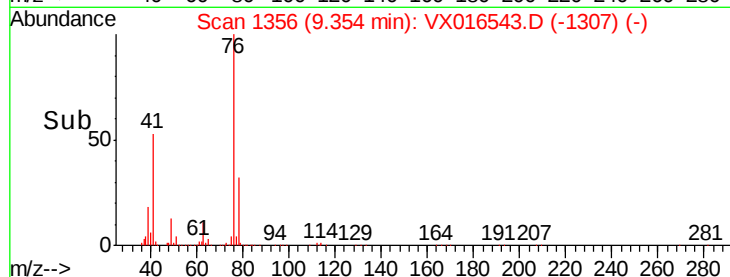
100000

50000

0

9.30 9.40 9.50

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 255.072 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX016543.D

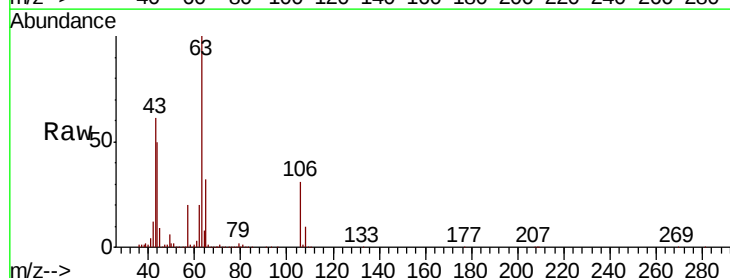
Acq: 01 Jun 2020 20:39

Tgt Ion: 63 Resp: 756711

Ion Ratio Lower Upper

63 100

106 29.6 23.2 34.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.29

500000

400000

300000

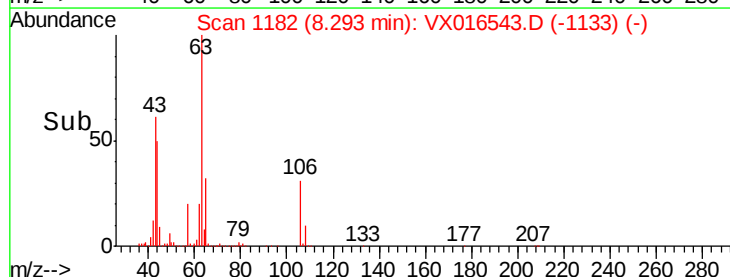
200000

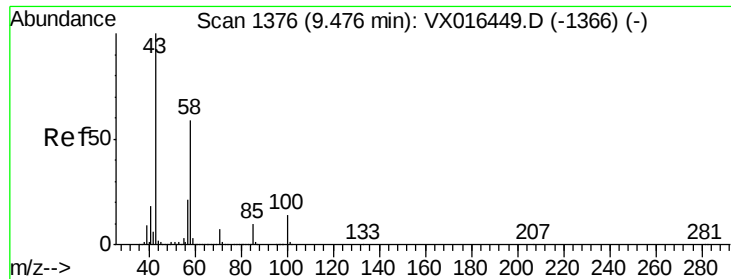
100000

0

8.20 8.25 8.30 8.35 8.40

Time-->

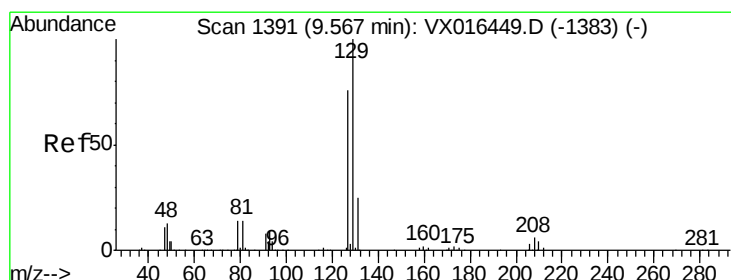
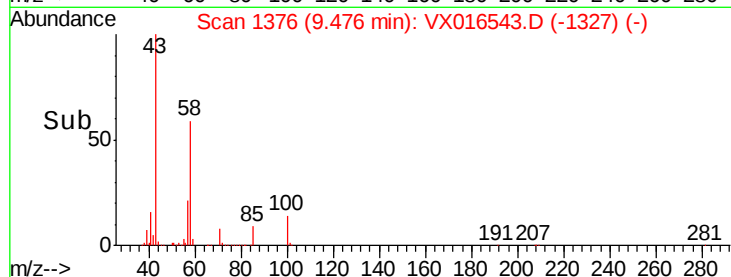
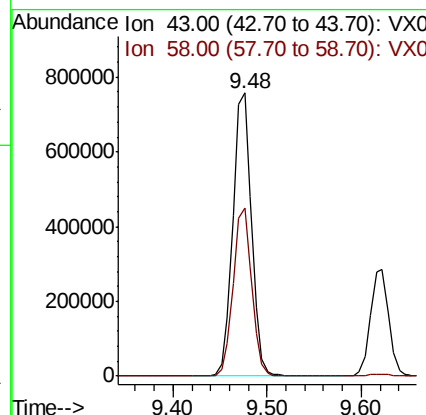
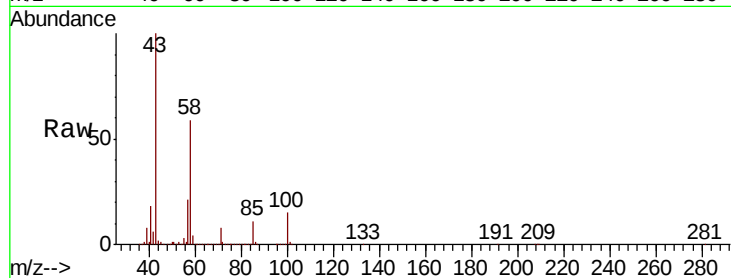




#59
2-Hexanone
Concen: 246.065 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX016543.D
Acq: 01 Jun 2020 20:39

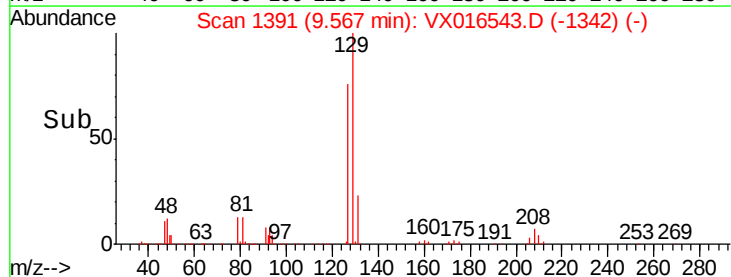
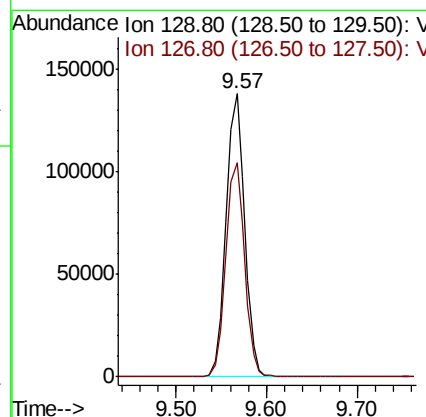
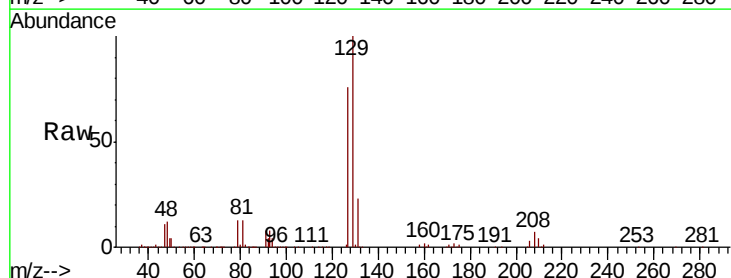
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

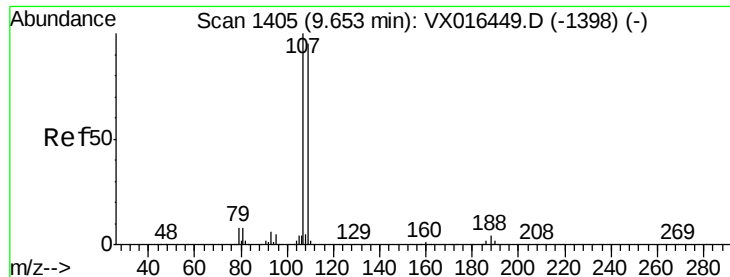
Tot Ion: 43 Resp: 1042922
Ion Ratio Lower Upper
43 100
58 59.1 28.8 86.4



#60
Dibromochloromethane
Concen: 50.209 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016543.D
Acq: 01 Jun 2020 20:39

Tgt Ion: 129 Resp: 197187
Ion Ratio Lower Upper
129 100
127 76.8 38.6 116.0





#61

1,2-Dibromoethane

Concen: 49.902 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016543.D

Acq: 01 Jun 2020 20:39

Instrument :

MSVOA_X

ClientSampleId :

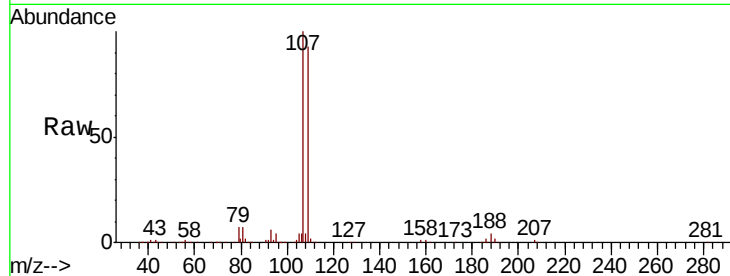
VSTDCCC050EC

Tot Ion:107 Resp: 186489

Ion Ratio Lower Upper

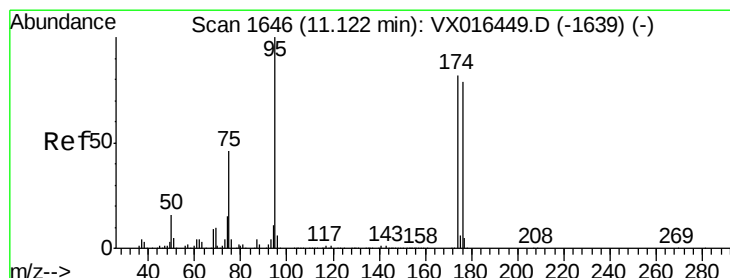
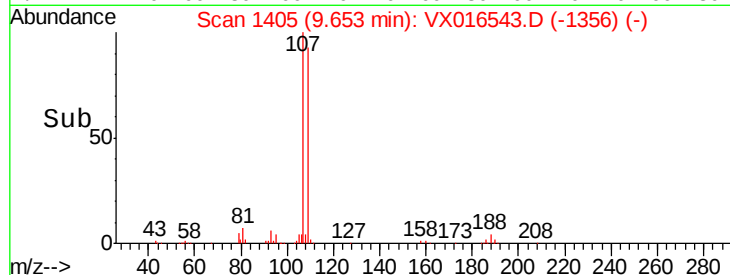
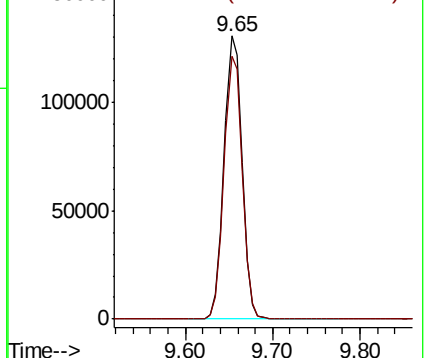
107 100

109 94.2 75.5 113.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.632 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016543.D

Acq: 01 Jun 2020 20:39

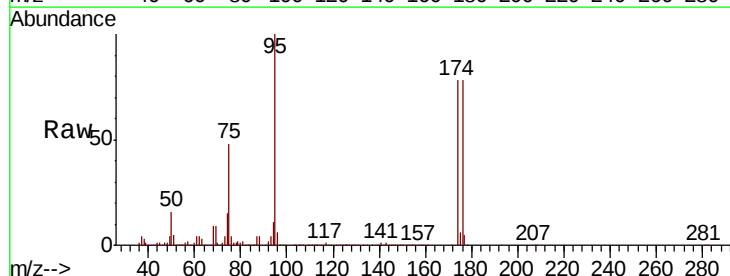
Tgt Ion: 95 Resp: 222322

Ion Ratio Lower Upper

95 100

174 80.0 0.0 163.0

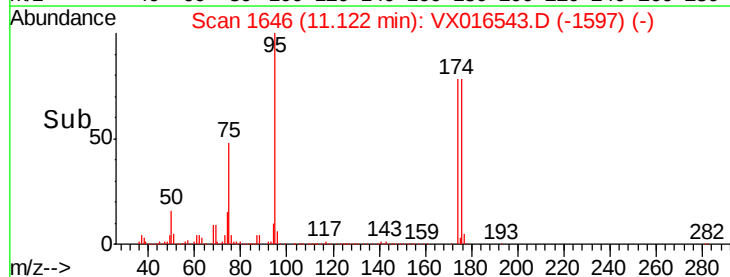
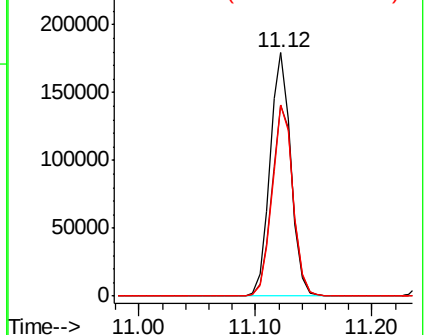
176 78.8 0.0 156.8

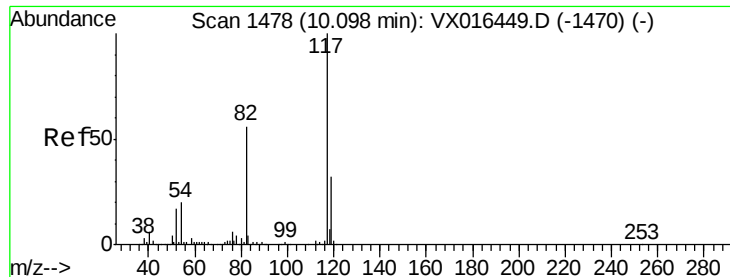


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

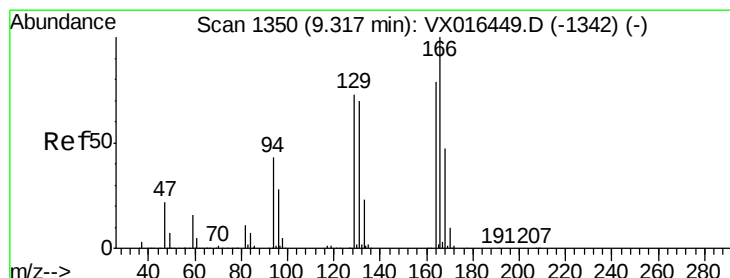
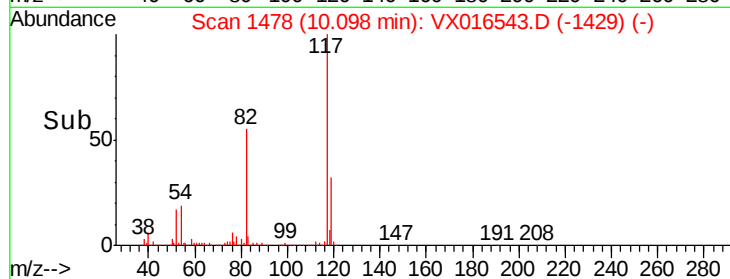
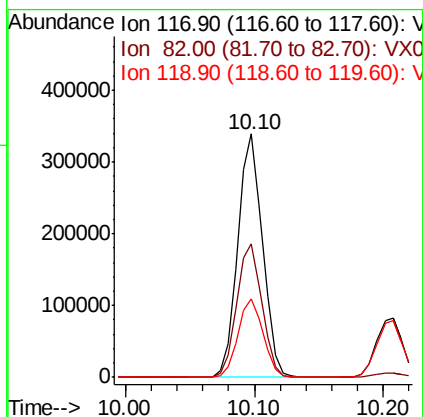
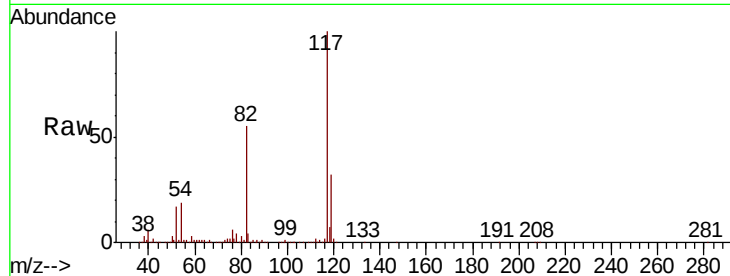




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016543.D
Acq: 01 Jun 2020 20:39

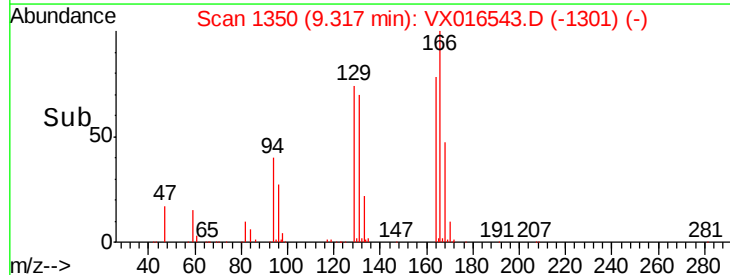
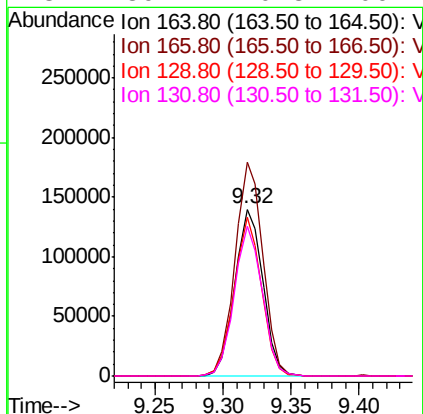
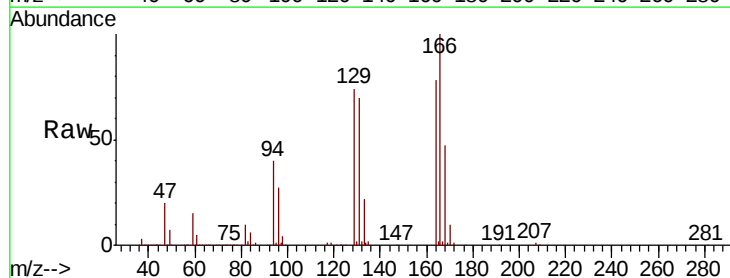
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

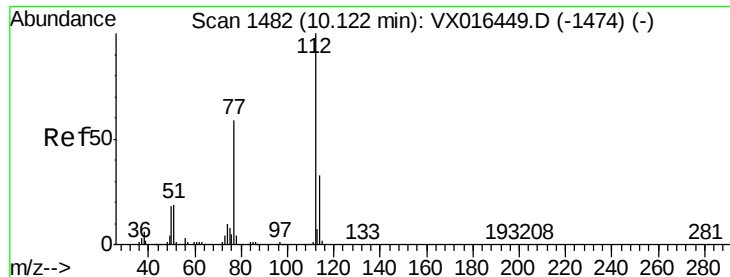
Tot Ion:117 Resp: 450966
Ion Ratio Lower Upper
117 100
82 55.1 45.0 67.6
119 32.5 25.8 38.8



#64
Tetrachloroethene
Concen: 39.816 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016543.D
Acq: 01 Jun 2020 20:39

Tgt Ion:164 Resp: 200888
Ion Ratio Lower Upper
164 100
166 128.2 100.9 151.3
129 95.3 73.2 109.8
131 89.7 70.8 106.2





#65

Chlorobenzene

Concen: 49.381 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016543.D

Acq: 01 Jun 2020 20:39

Instrument :

MSVOA_X

ClientSampleId :

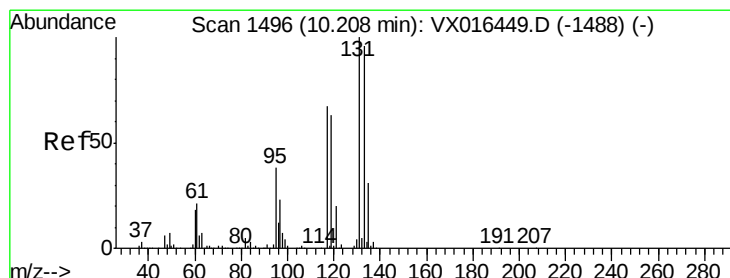
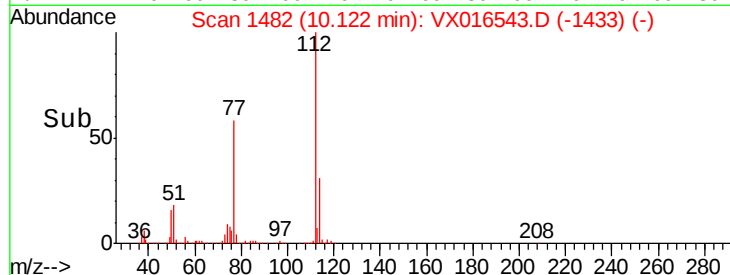
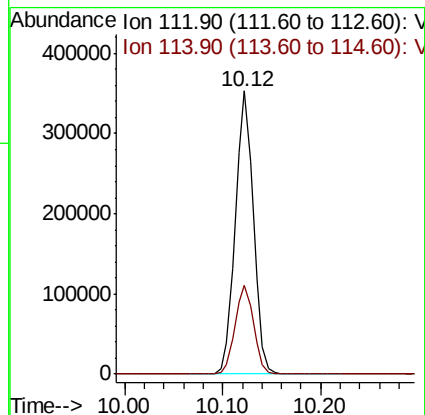
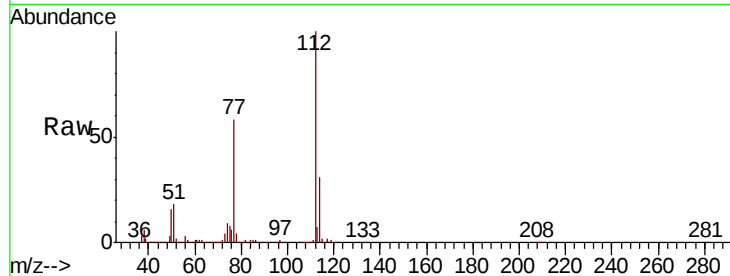
VSTDCCC050EC

Tot Ion:112 Resp: 454007

Ion Ratio Lower Upper

112 100

114 31.4 26.0 39.0



#66

1,1,1,2-Tetrachloroethane

Concen: 50.314 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX016543.D

Acq: 01 Jun 2020 20:39

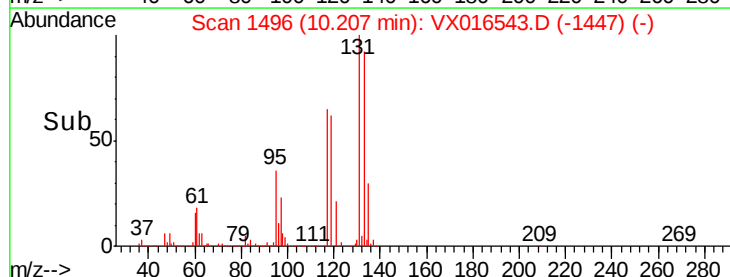
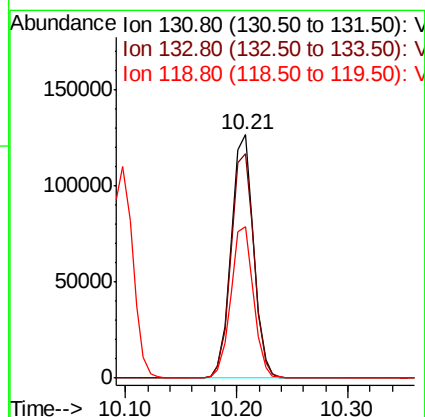
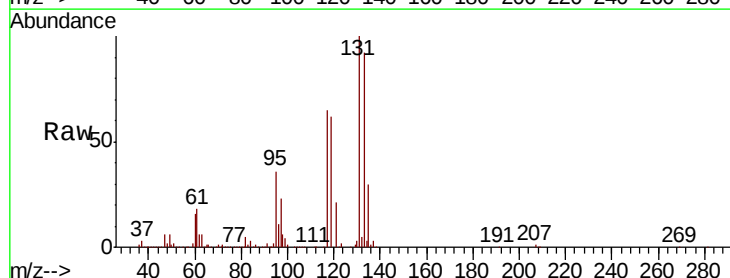
Tgt Ion:131 Resp: 176582

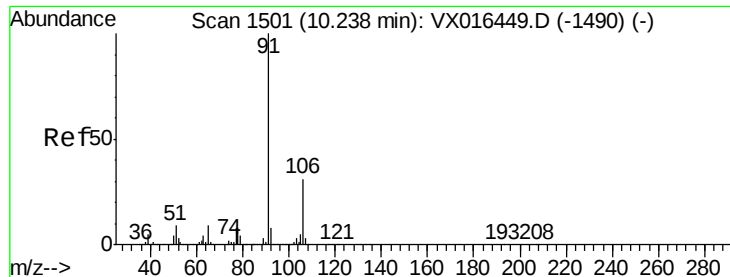
Ion Ratio Lower Upper

131 100

133 94.7 48.4 145.3

119 63.0 32.0 96.2

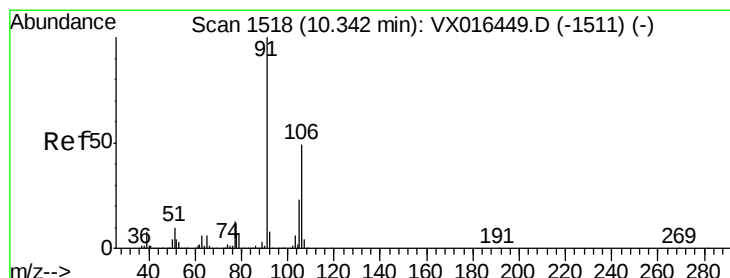
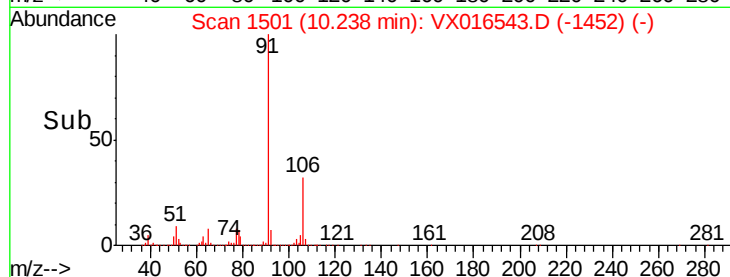
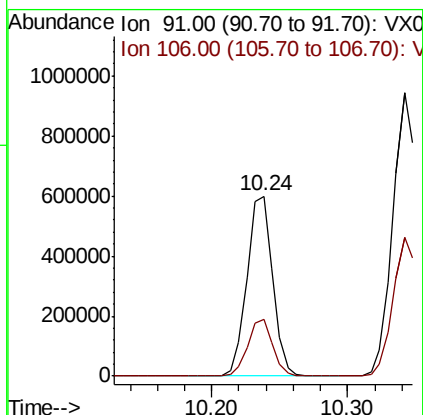
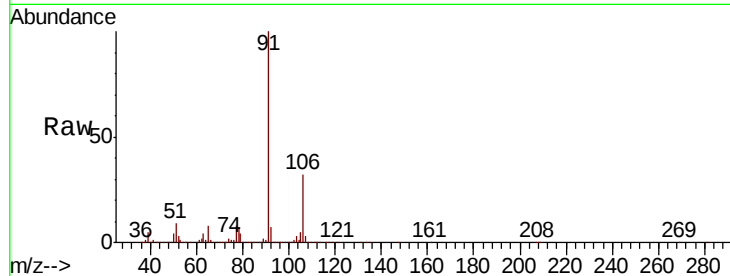




#67
Ethyl Benzene
Concen: 48.539 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX016543.D
Acq: 01 Jun 2020 20:39

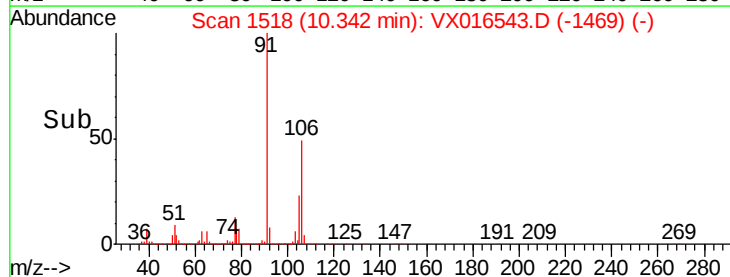
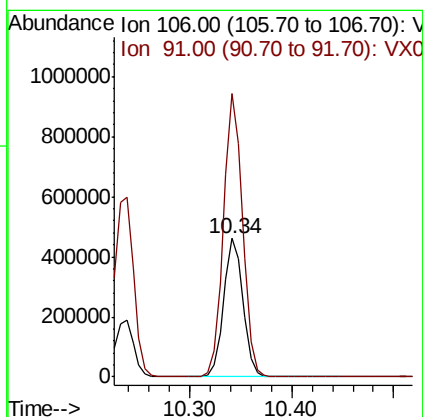
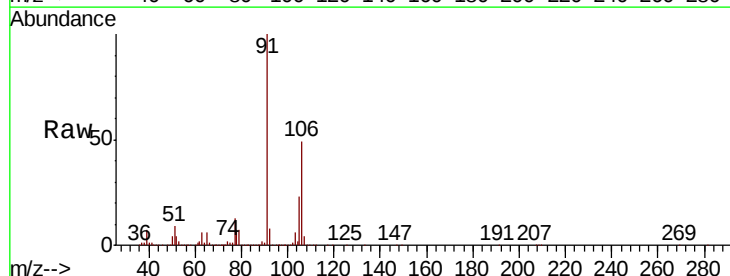
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

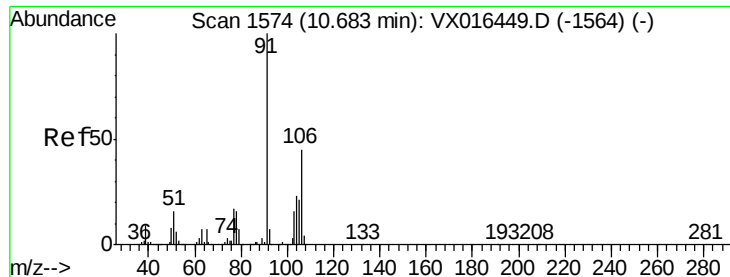
Tot Ion: 91 Resp: 794536
Ion Ratio Lower Upper
91 100
106 31.9 25.0 37.4



#68
m/p-Xylenes
Concen: 99.450 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016543.D
Acq: 01 Jun 2020 20:39

Tgt Ion: 106 Resp: 603581
Ion Ratio Lower Upper
106 100
91 203.6 163.8 245.8

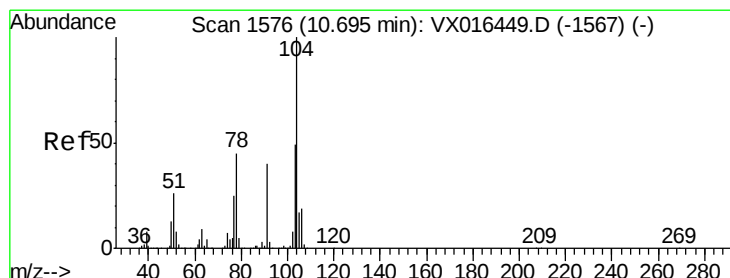
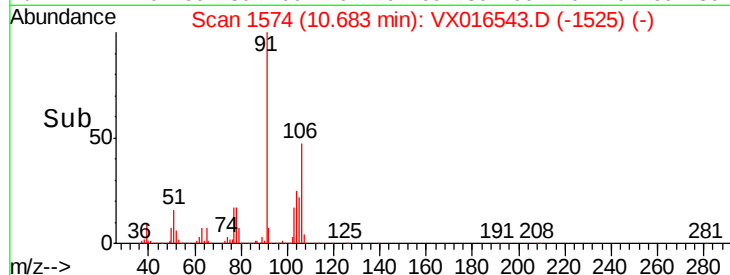
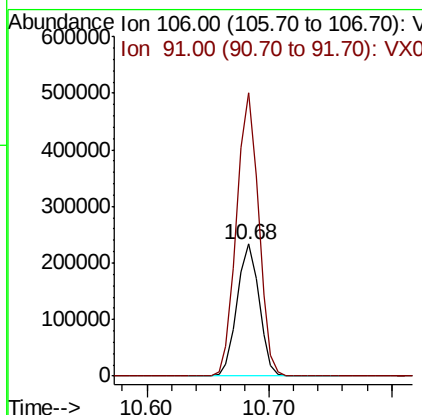
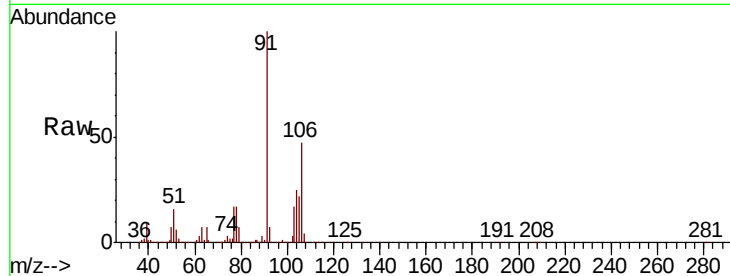




#69
o-Xylene
Concen: 49.716 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016543.D
Acq: 01 Jun 2020 20:39

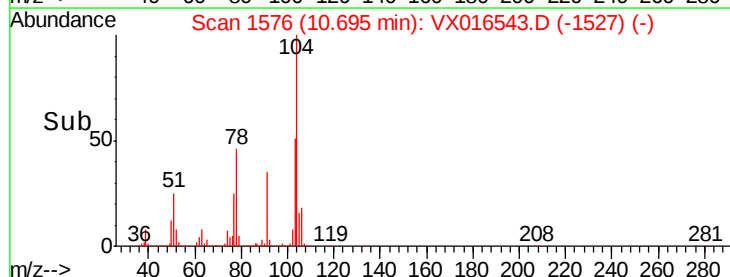
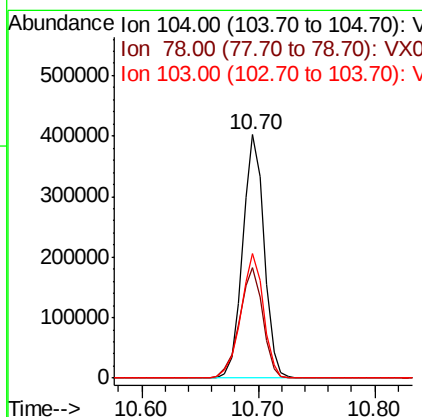
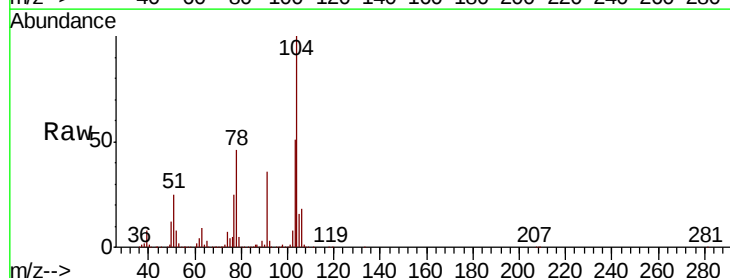
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

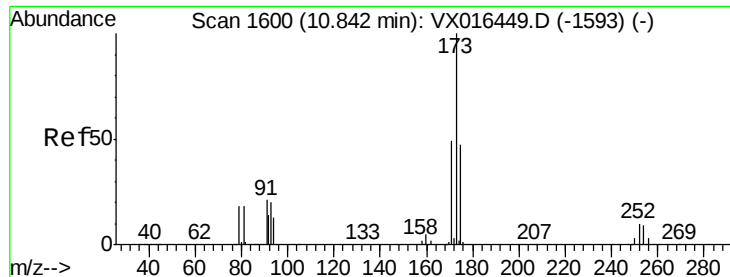
Tot Ion:106 Resp: 292219
Ion Ratio Lower Upper
106 100
91 212.9 109.6 328.8



#70
Styrene
Concen: 51.124 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016543.D
Acq: 01 Jun 2020 20:39

Tgt Ion:104 Resp: 516509
Ion Ratio Lower Upper
104 100
78 49.6 40.2 60.2
103 54.1 43.1 64.7





#71

Bromoform

Concen: 51.995 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016543.D

Acq: 01 Jun 2020 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

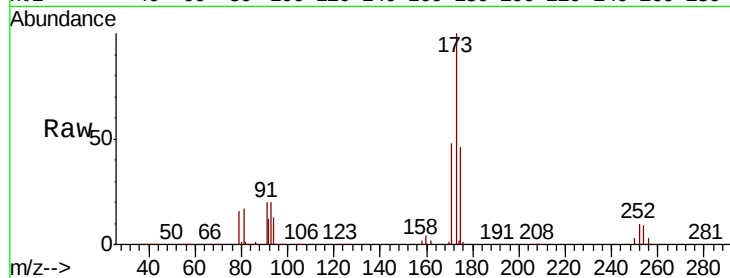
Tot Ion:173 Resp: 154222

Ion Ratio Lower Upper

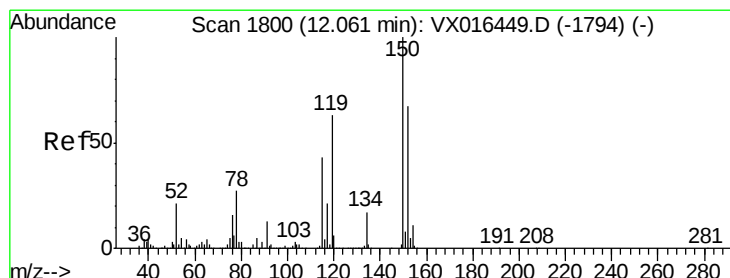
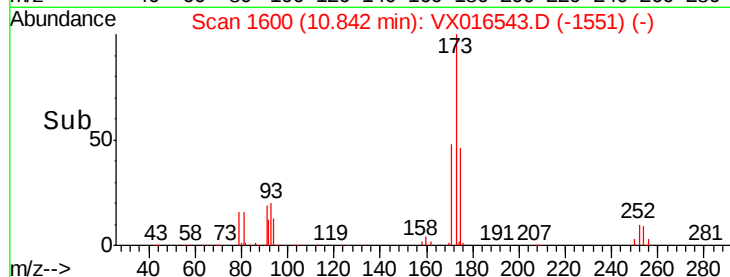
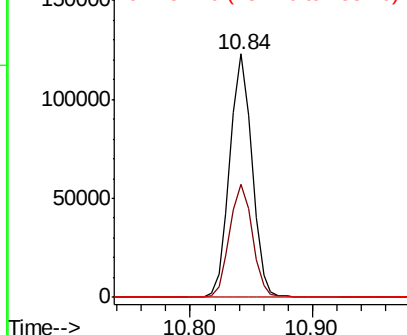
173 100

175 47.9 23.9 71.7

254 0.1 0.1 0.1#



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: VX016543.D

Acq: 01 Jun 2020 20:39

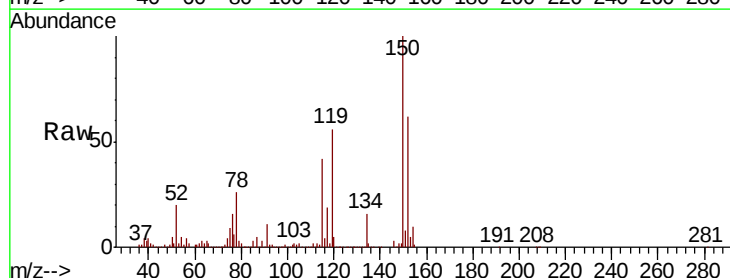
Tgt Ion:152 Resp: 222526

Ion Ratio Lower Upper

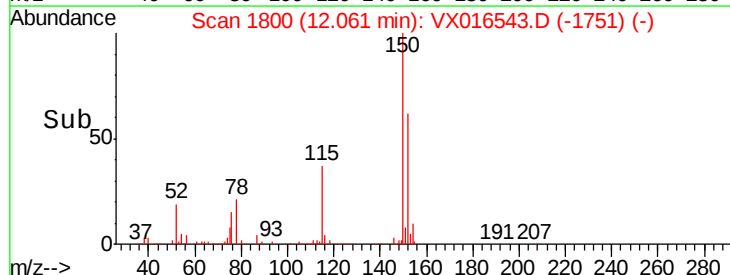
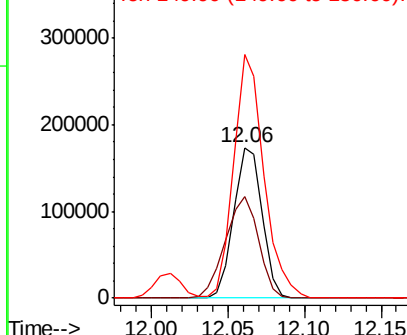
152 100

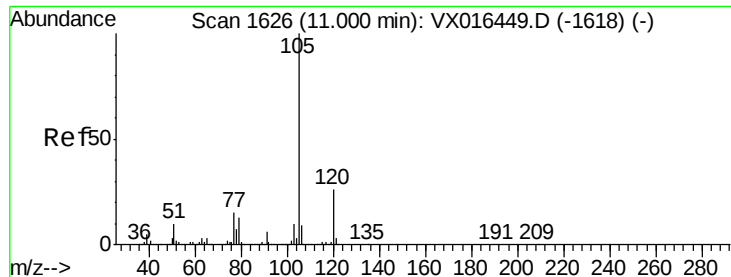
115 79.5 39.9 119.6

150 173.2 0.0 341.0



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: 49.230 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016543.D

Acq: 01 Jun 2020 20:39

Instrument :

MSVOA_X

ClientSampleId :

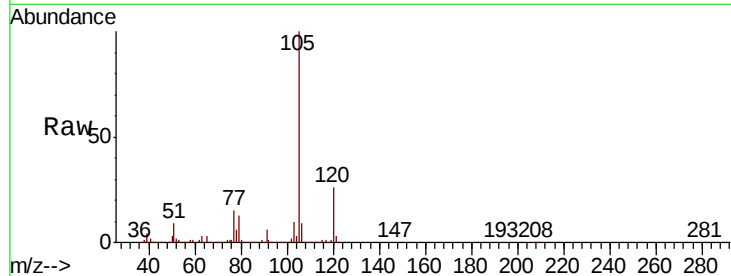
VSTDCCC050EC

Tot Ion: 105 Resp: 759046

Ion Ratio Lower Upper

105 100

120 26.3 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

600000

400000

200000

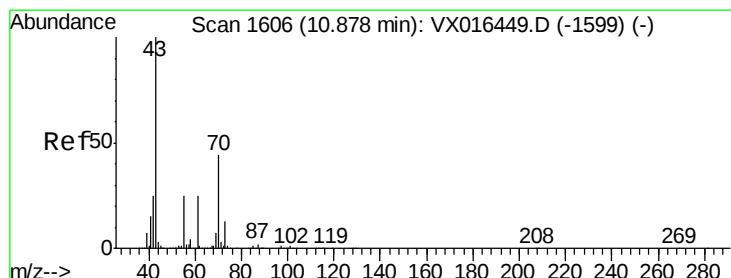
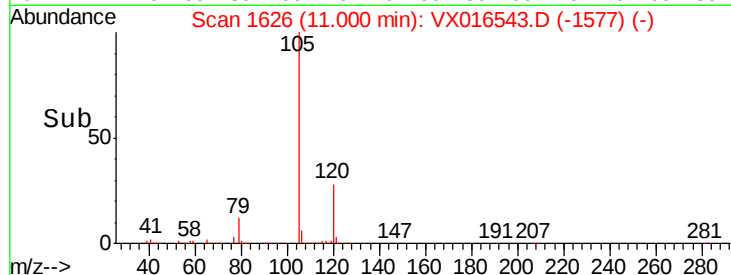
0

11.00

10.90

11.10

Time-->



#74

N-ethyl acetate

Concen: 52.812 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016543.D

Acq: 01 Jun 2020 20:39

Tgt Ion: 43 Resp: 374546

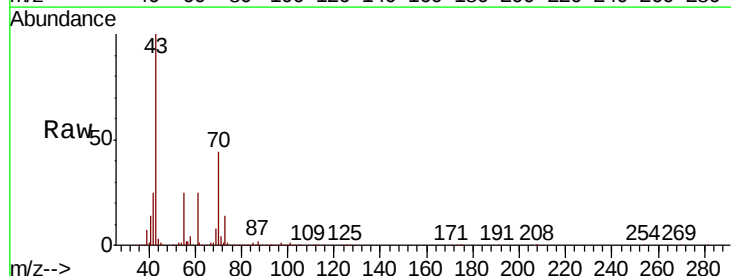
Ion Ratio Lower Upper

43 100

70 45.9 36.1 54.1

55 24.9 20.2 30.4

61 26.3 20.3 30.5



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

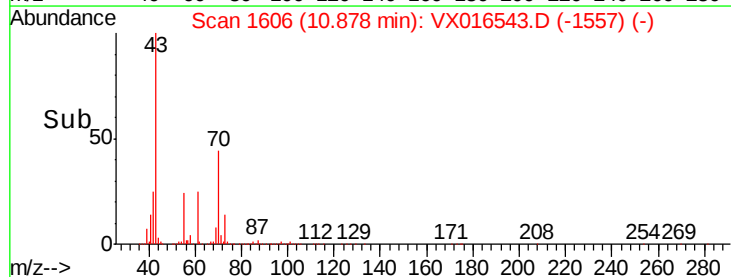
0

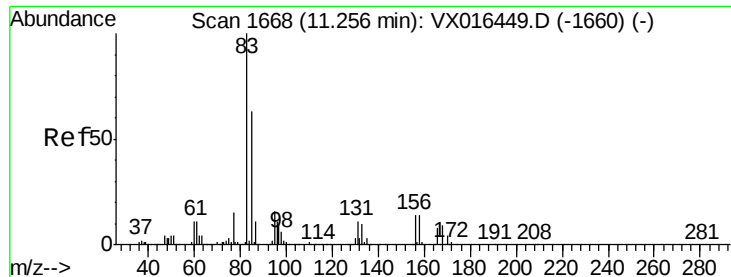
10.88

10.80

10.90

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 60.535 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016543.D

Acq: 01 Jun 2020 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

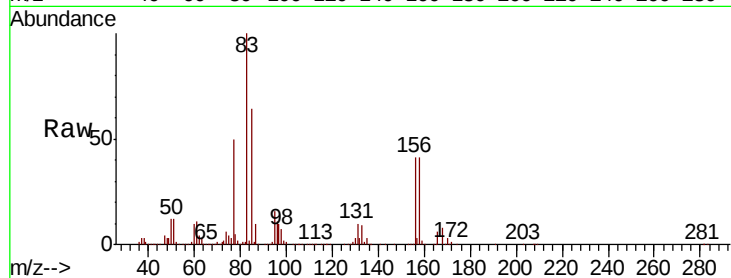
Tot Ion: 83 Resp: 233916

Ion Ratio Lower Upper

83 100

131 10.2 5.1 15.3

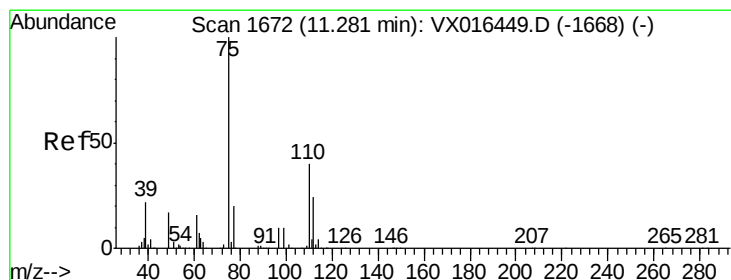
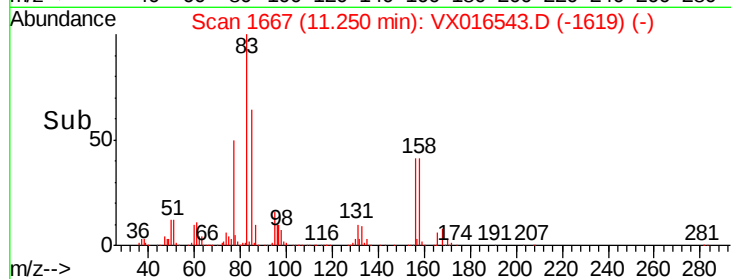
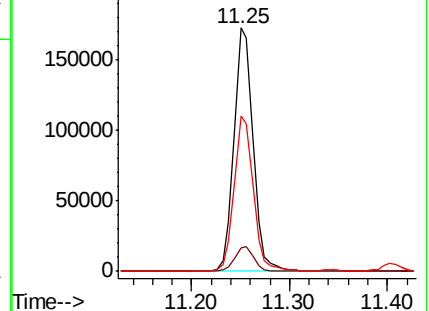
85 63.5 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 67.117 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016543.D

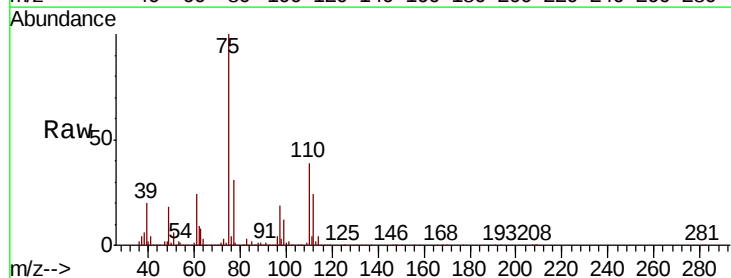
Acq: 01 Jun 2020 20:39

Tgt Ion: 75 Resp: 328286

Ion Ratio Lower Upper

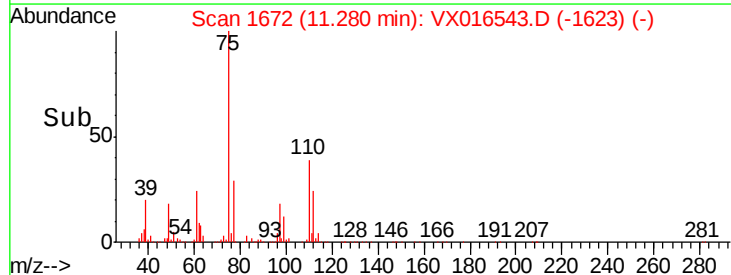
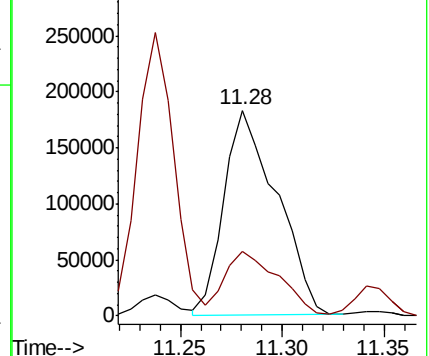
75 100

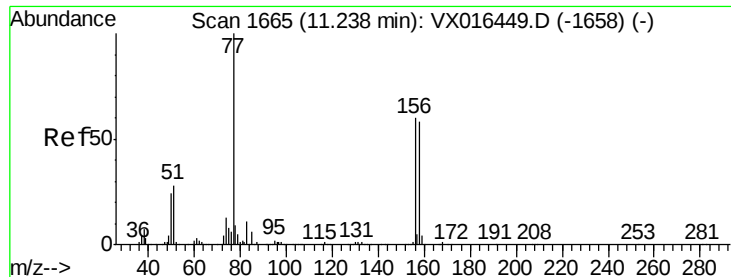
77 32.0 21.3 63.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.671 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016543.D

Acq: 01 Jun 2020 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

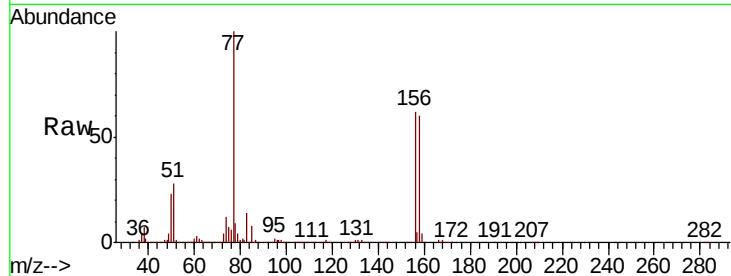
Tot Ion:156 Resp: 200866

Ion Ratio Lower Upper

156 100

77 158.0 79.6 238.8

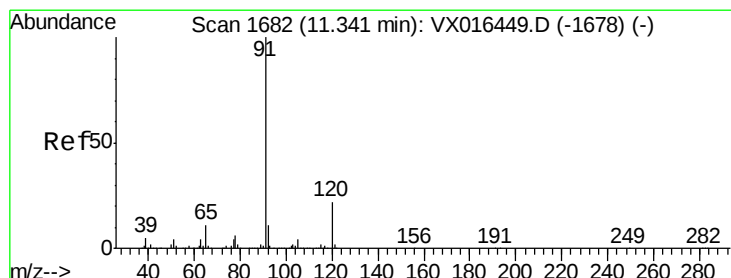
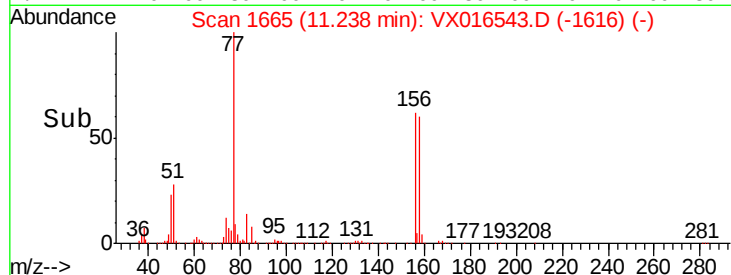
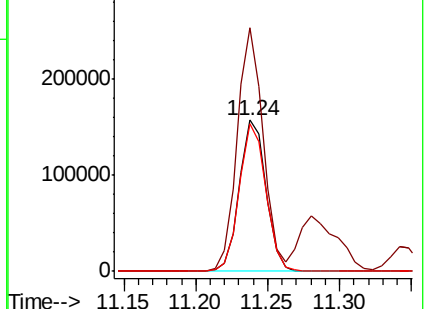
158 97.3 48.1 144.4



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: 49.464 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX016543.D

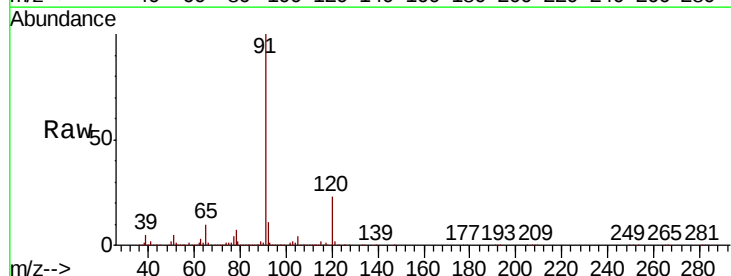
Acq: 01 Jun 2020 20:39

Tgt Ion: 91 Resp: 852052

Ion Ratio Lower Upper

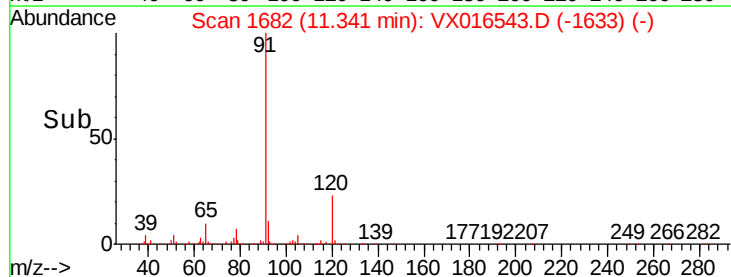
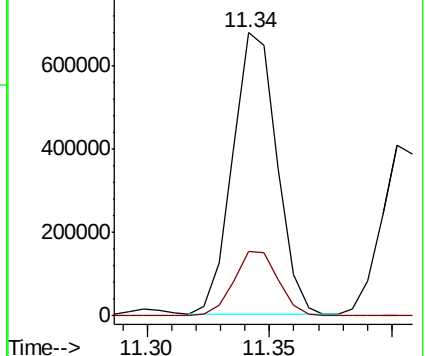
91 100

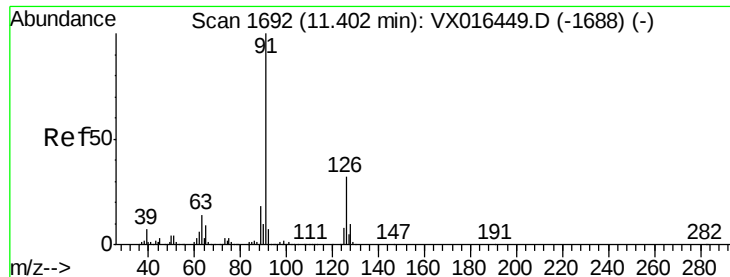
120 23.2 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.155 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX016543.D

Acq: 01 Jun 2020 20:39

Instrument :

MSVOA_X

ClientSampleId :

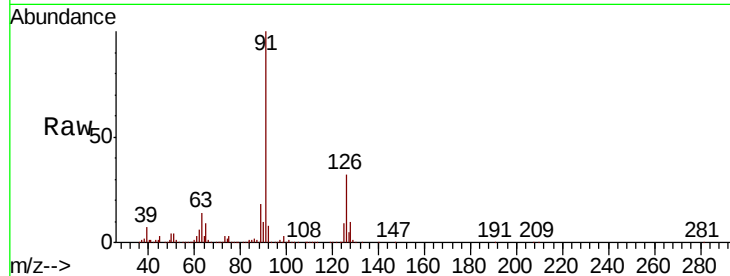
VSTDCCC050EC

Tot Ion: 91 Resp: 527354

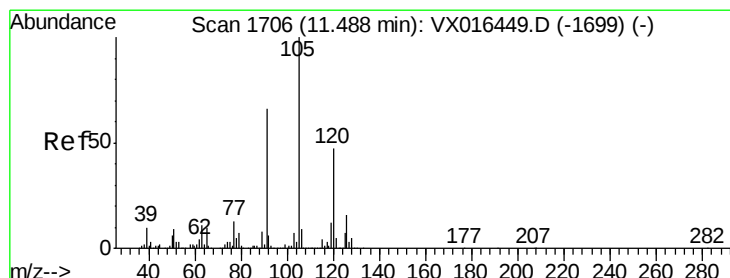
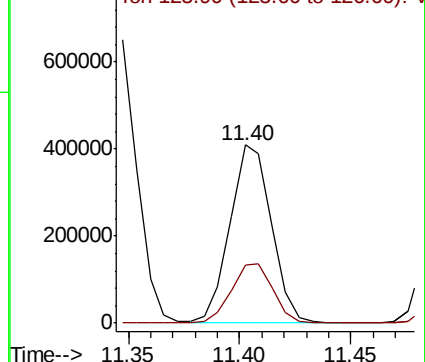
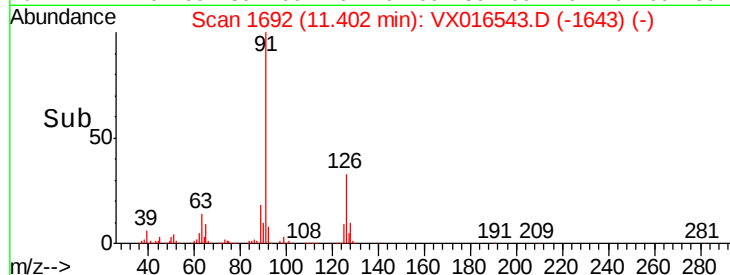
Ion Ratio Lower Upper

91 100

126 33.5 16.8 50.3



Abundance Ion 91.00 (90.70 to 91.70): VX016543.D (-1643) (-)



#80

1,3,5-Trimethylbenzene

Concen: 49.987 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX016543.D

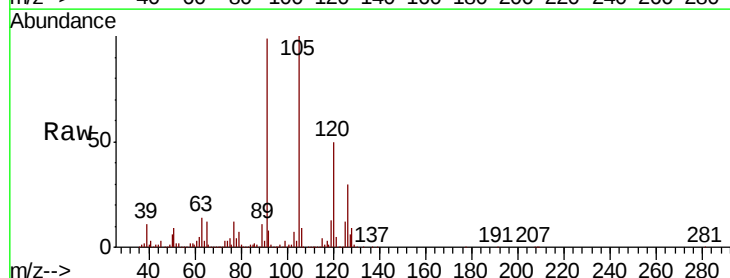
Acq: 01 Jun 2020 20:39

Tgt Ion: 105 Resp: 643540

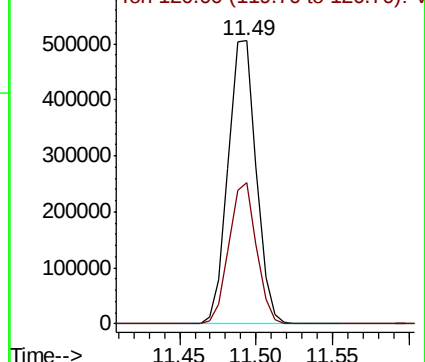
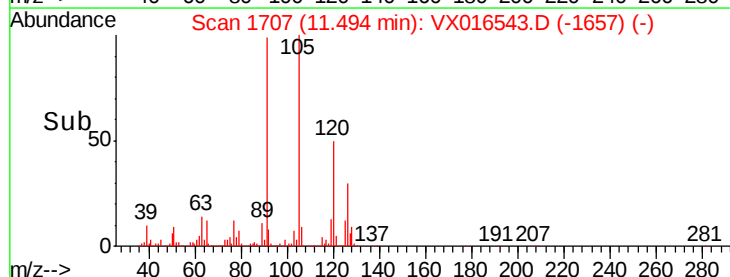
Ion Ratio Lower Upper

105 100

120 48.9 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VX016543.D (-1657) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 49.778 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX016543.D

Acq: 01 Jun 2020 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

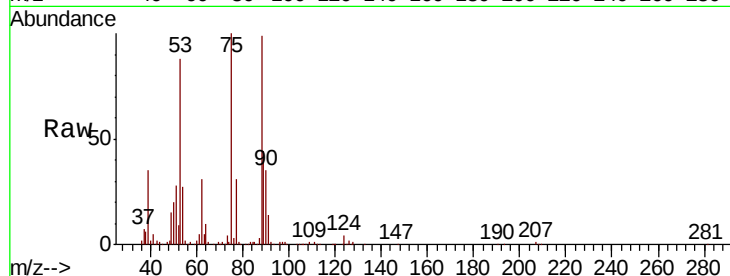
Tot Ion: 75 Resp: 98980

Ion Ratio Lower Upper

75 100

53 85.6 71.3 106.9

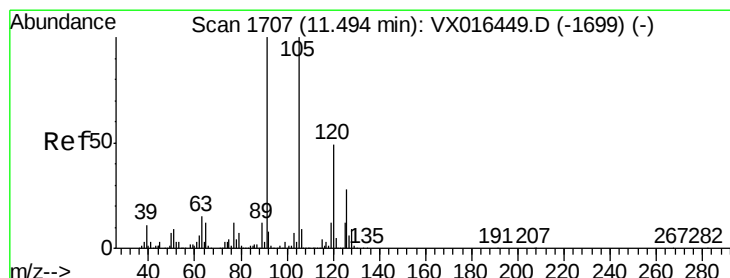
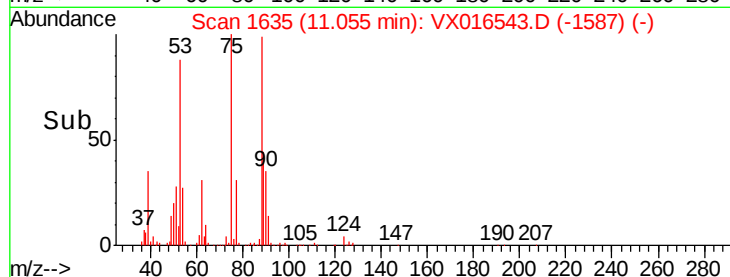
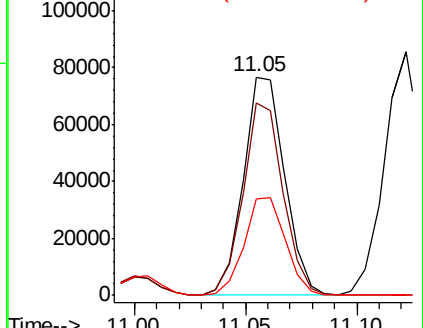
89 45.2 36.6 55.0



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: 49.533 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016543.D

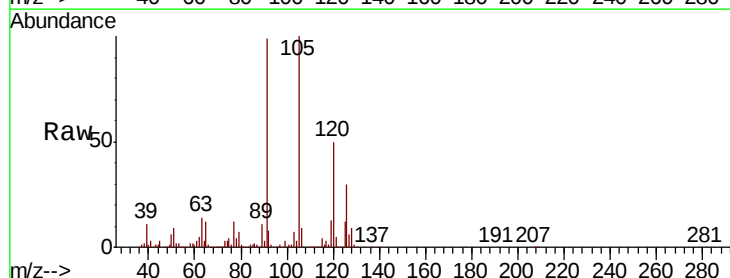
Acq: 01 Jun 2020 20:39

Tgt Ion: 91 Resp: 615032

Ion Ratio Lower Upper

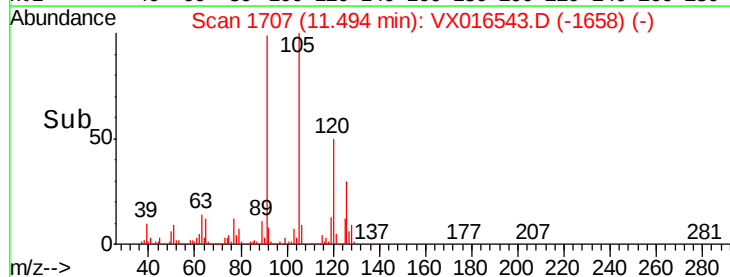
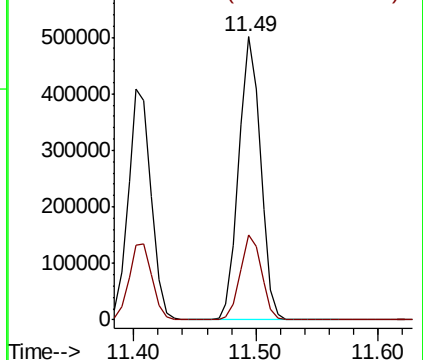
91 100

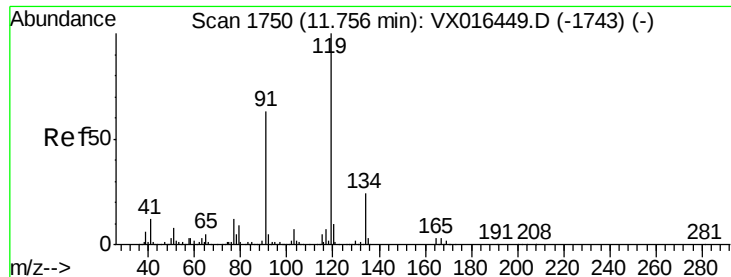
126 29.4 14.7 44.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 52.927 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX016543.D

Acq: 01 Jun 2020 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

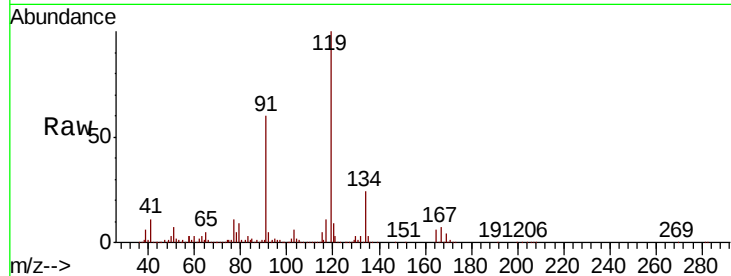
Tot Ion:119 Resp: 582220

Ion Ratio Lower Upper

119 100

91 58.6 31.3 93.8

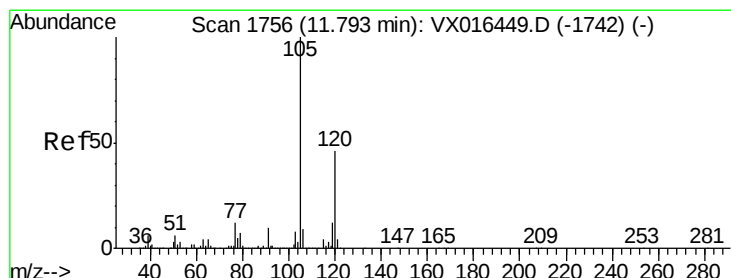
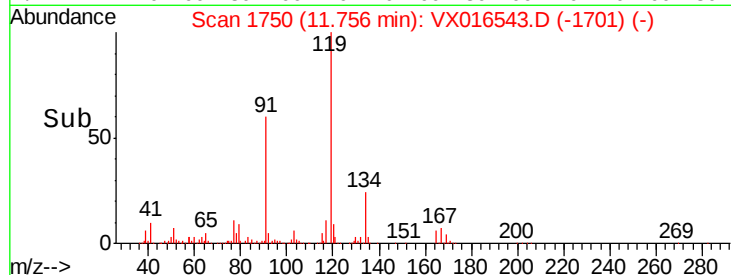
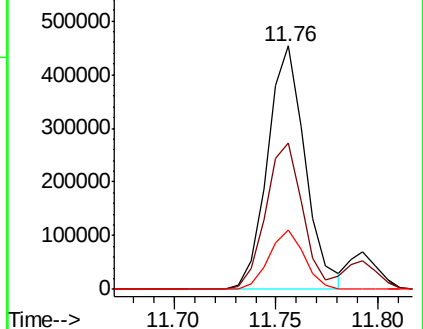
134 23.1 12.0 36.0



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: 49.911 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX016543.D

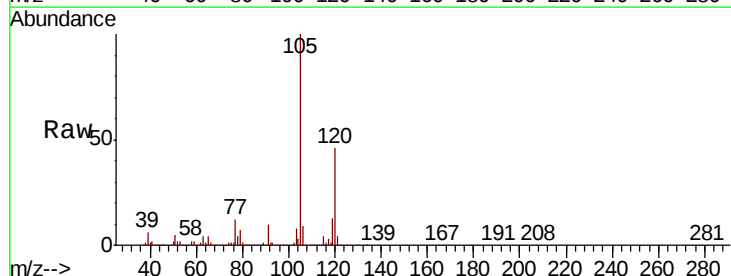
Acq: 01 Jun 2020 20:39

Tgt Ion:105 Resp: 649829

Ion Ratio Lower Upper

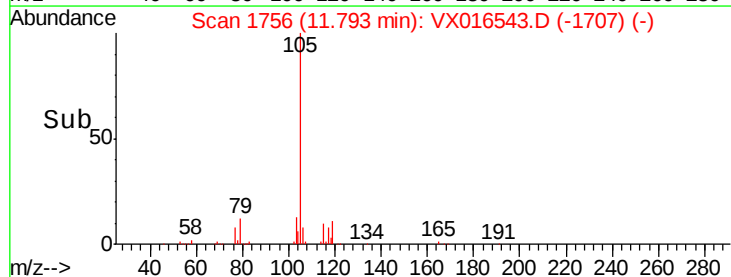
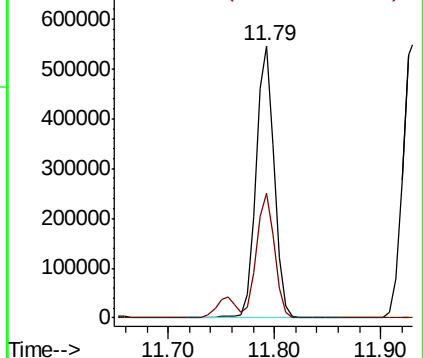
105 100

120 45.5 22.6 67.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

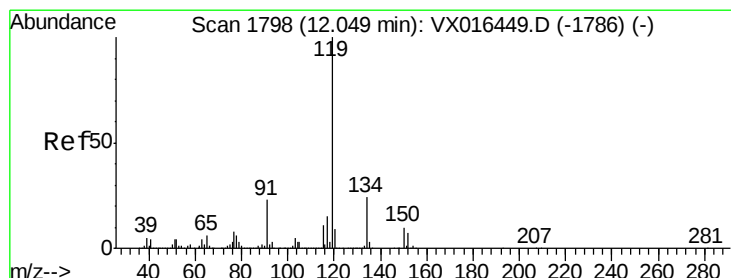
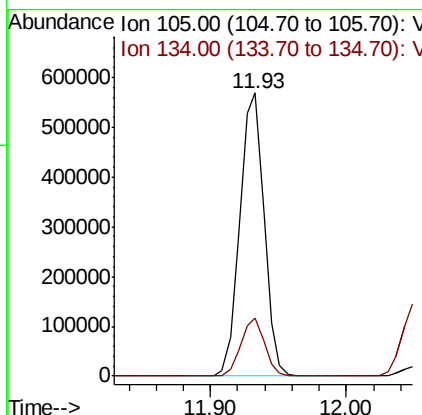
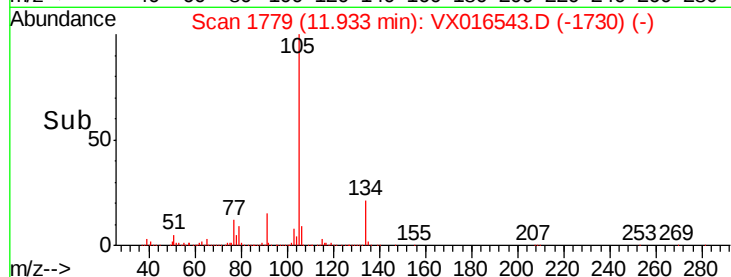
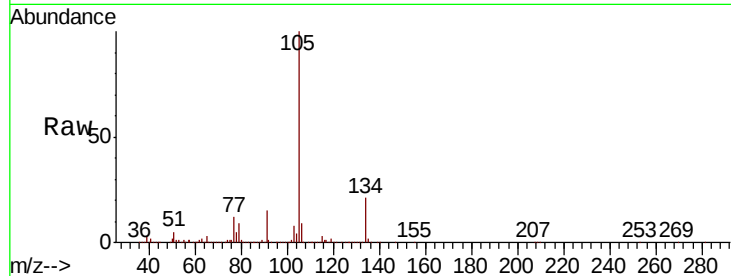




#85
 sec-Butylbenzene
 Concen: 50.978 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX016543.D
 Acq: 01 Jun 2020 20:39

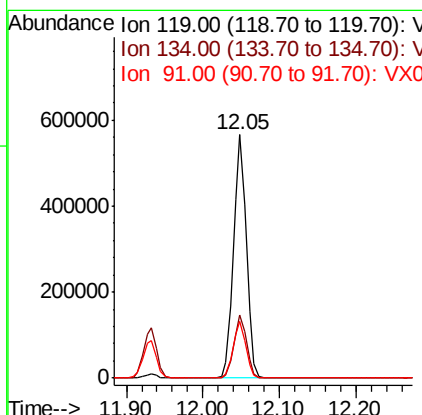
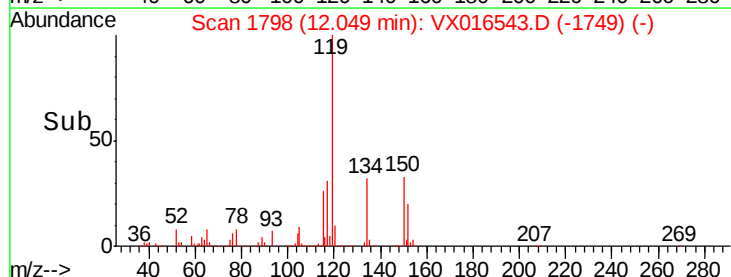
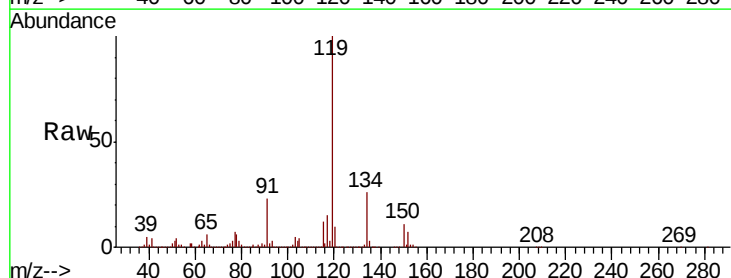
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

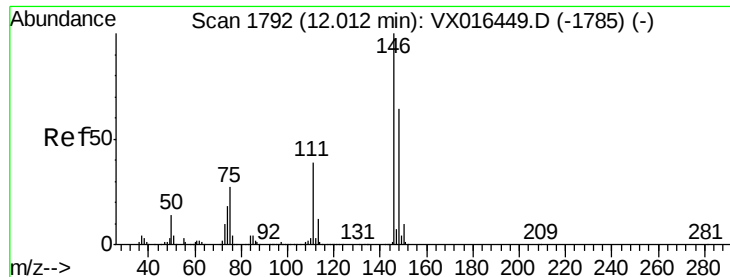
Tot Ion:105 Resp: 703469
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 50.870 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX016543.D
 Acq: 01 Jun 2020 20:39

Tgt Ion:119 Resp: 657571
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.7 38.0
 91 23.0 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 49.735 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX016543.D

Acq: 01 Jun 2020 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

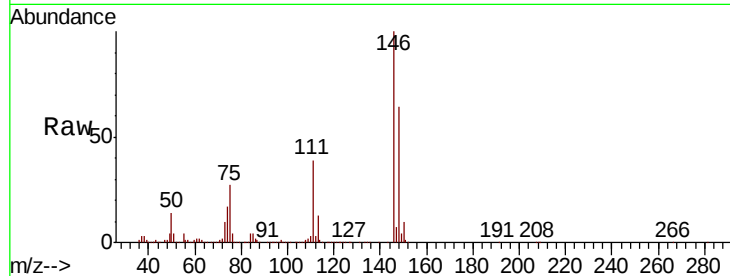
Tot Ion:146 Resp: 348449

Ion Ratio Lower Upper

146 100

111 39.7 20.0 60.0

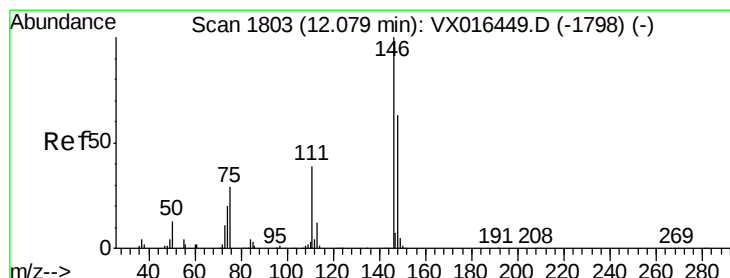
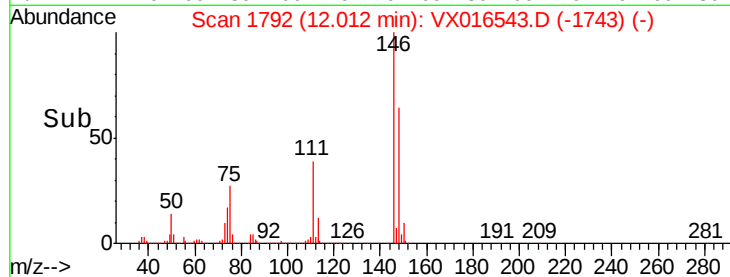
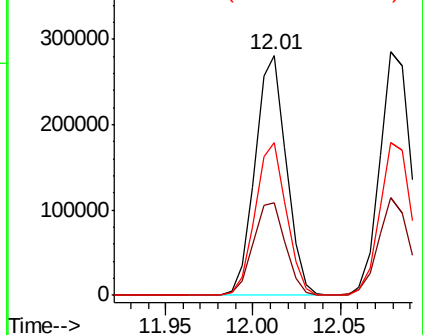
148 63.8 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 49.156 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX016543.D

Acq: 01 Jun 2020 20:39

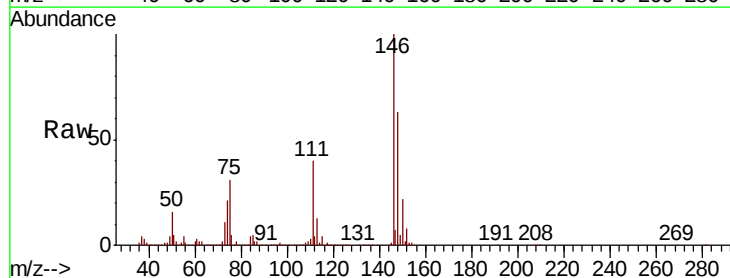
Tgt Ion:146 Resp: 352223

Ion Ratio Lower Upper

146 100

111 39.5 19.4 58.2

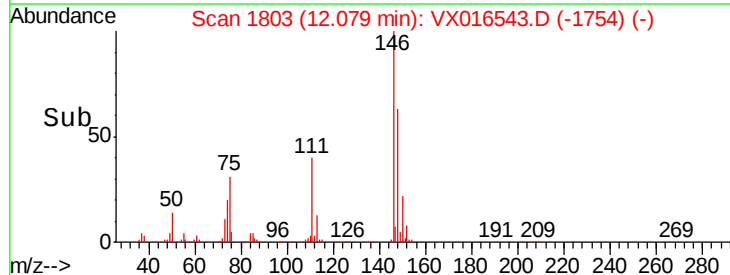
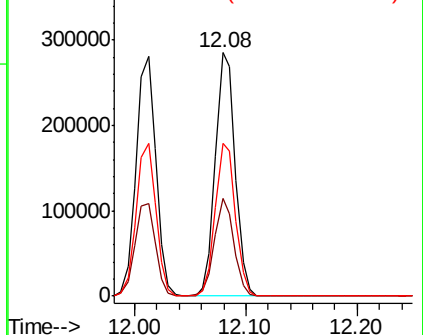
148 63.5 31.4 94.3

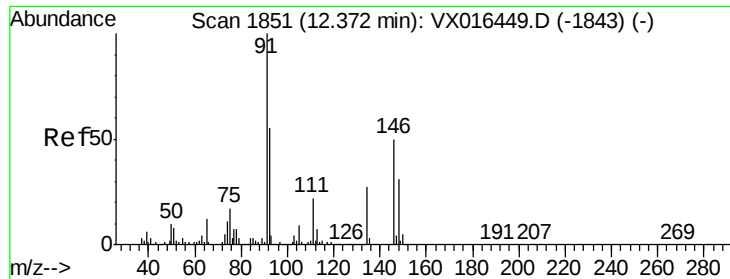


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

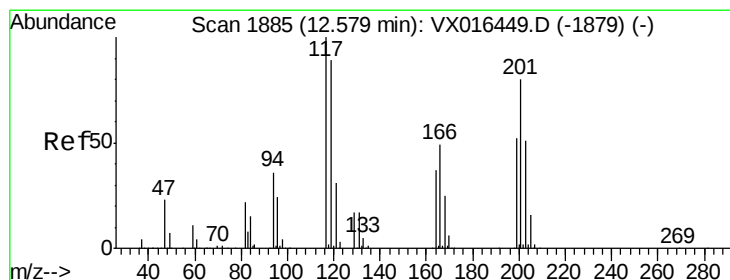
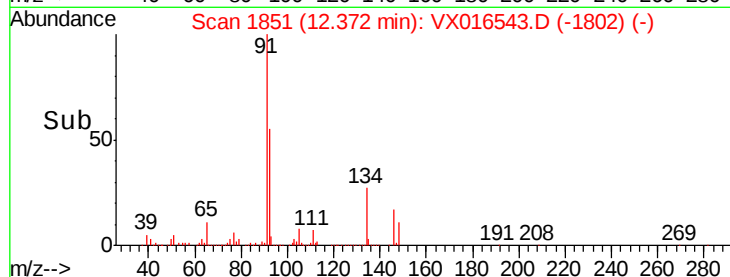
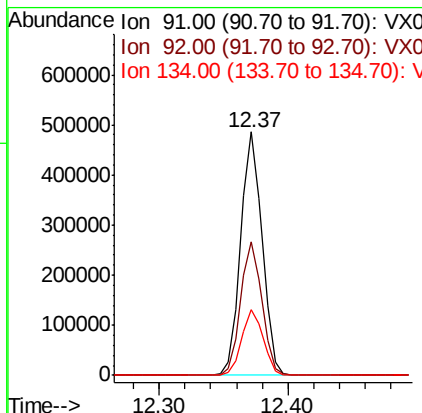
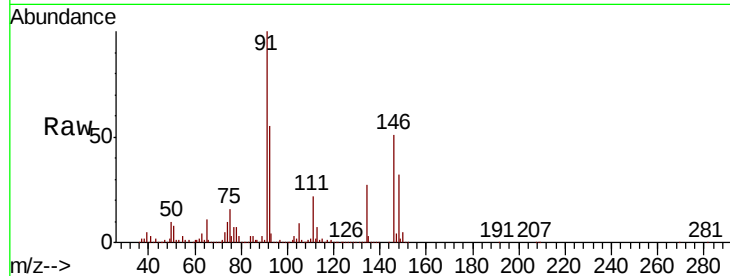




#89
n-Butylbenzene
Concen: 51.969 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016543.D
Acq: 01 Jun 2020 20:39

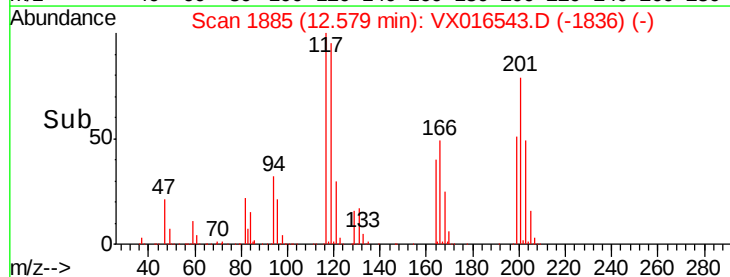
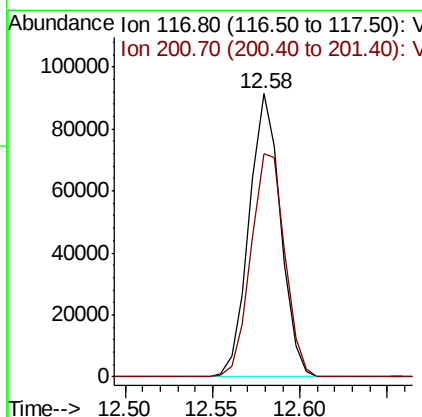
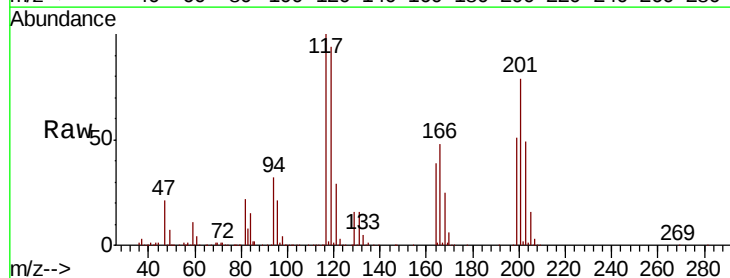
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

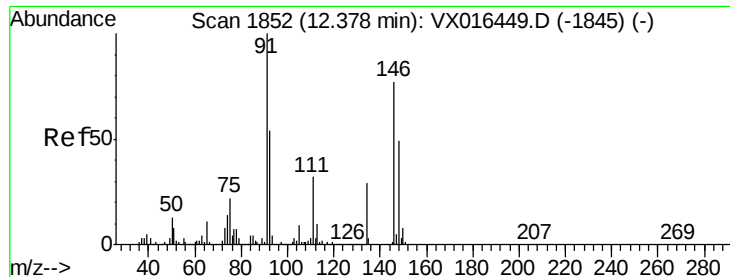
Tot Ion: 91 Resp: 559550
Ion Ratio Lower Upper
91 100
92 54.8 27.2 81.5
134 27.1 13.1 39.3



#90
Hexachloroethane
Concen: 51.240 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016543.D
Acq: 01 Jun 2020 20:39

Tgt Ion: 117 Resp: 114409
Ion Ratio Lower Upper
117 100
201 84.8 43.1 129.3





#91

1,2-Dichlorobenzene

Concen: 49.419 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016543.D

Acq: 01 Jun 2020 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

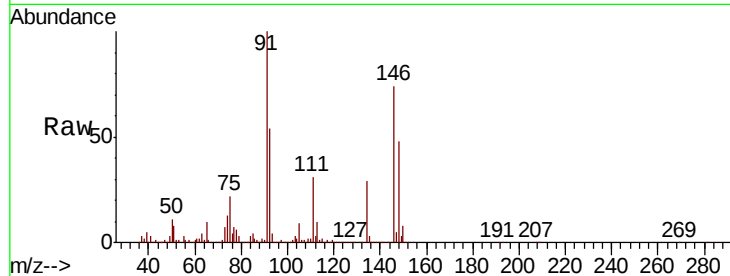
Tot Ion:146 Resp: 335444

Ion Ratio Lower Upper

146 100

111 42.4 21.4 64.3

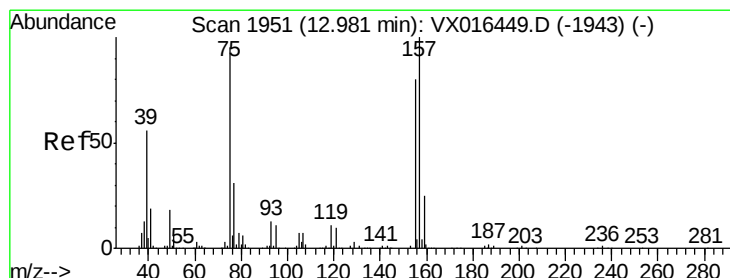
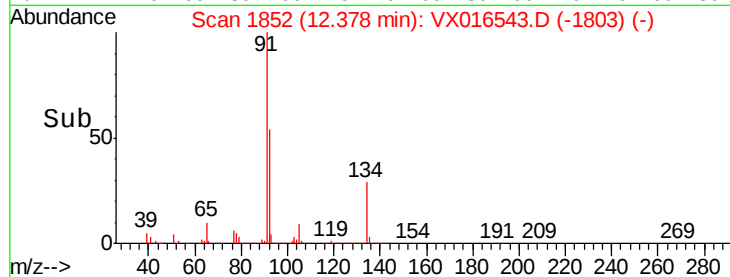
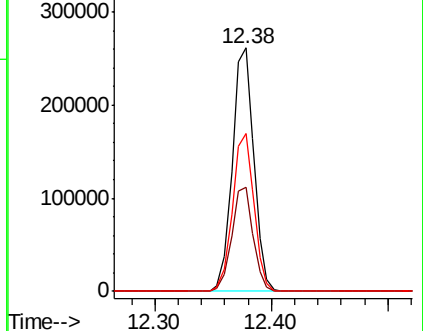
148 64.5 31.9 95.7



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: 47.972 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX016543.D

Acq: 01 Jun 2020 20:39

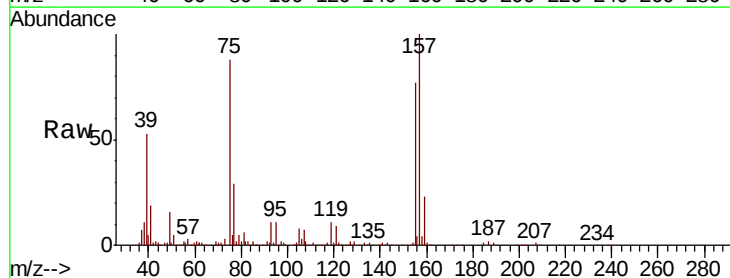
Tgt Ion: 75 Resp: 60043

Ion Ratio Lower Upper

75 100

155 91.7 44.1 132.4

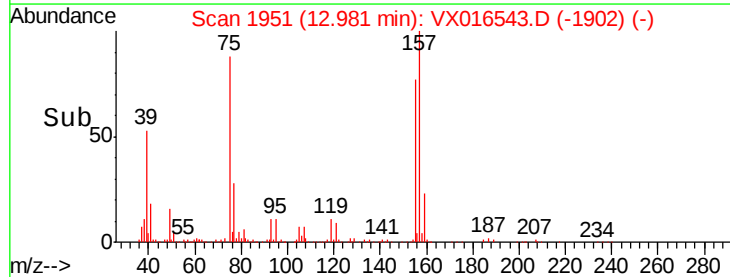
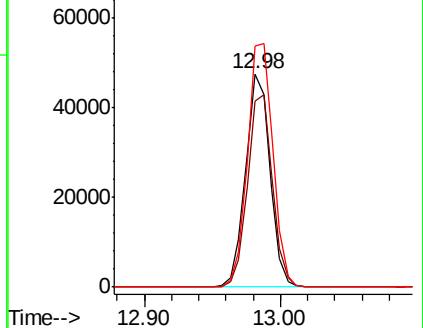
157 118.9 57.8 173.3

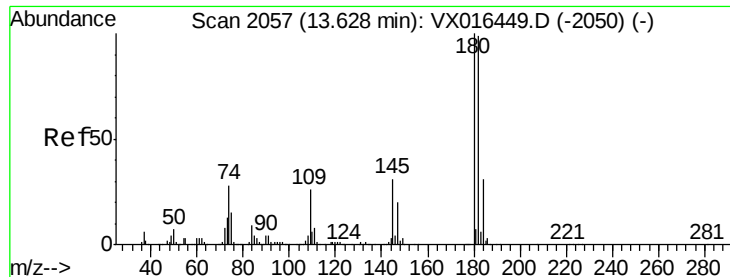


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

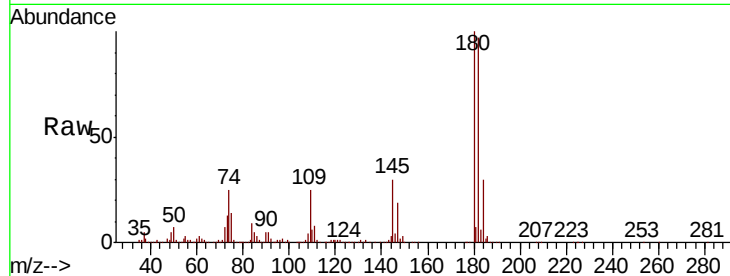




#93
 1,2,4-Trichlorobenzene
 Concen: 49.437 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016543.D
 Acq: 01 Jun 2020 20:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.7	48.3	144.8
145	30.4	15.4	46.2

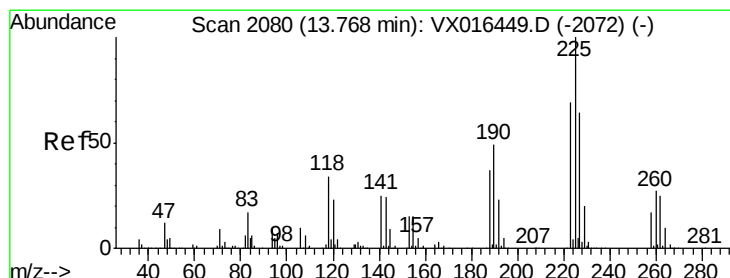
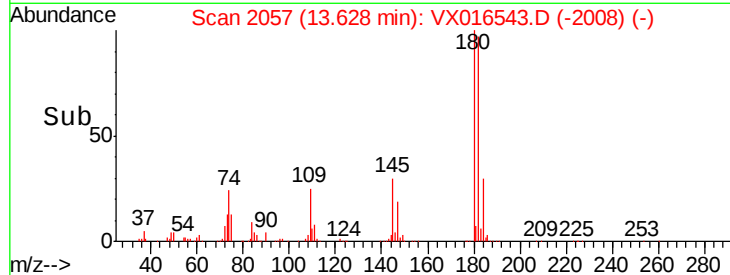
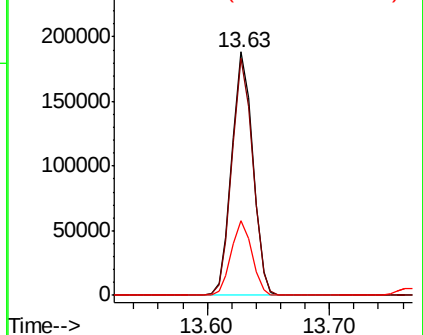


Abundance

Ion 179.80 (179.50 to 180.50): V

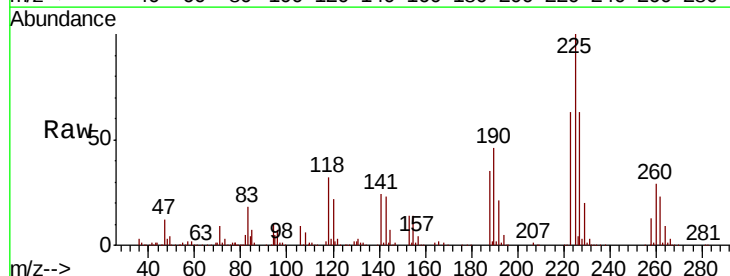
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 49.581 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX016543.D
 Acq: 01 Jun 2020 20:39

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.1	32.3	96.8
227	62.8	31.6	94.7

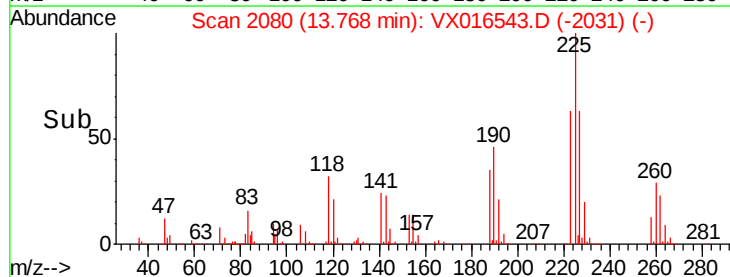
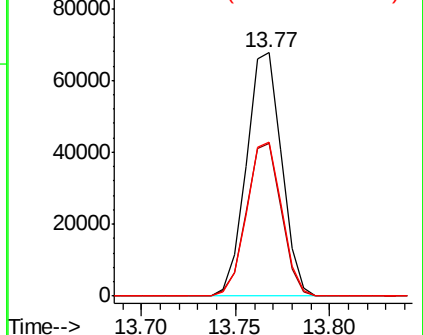


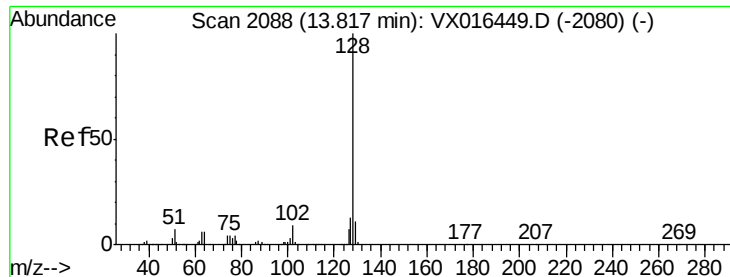
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

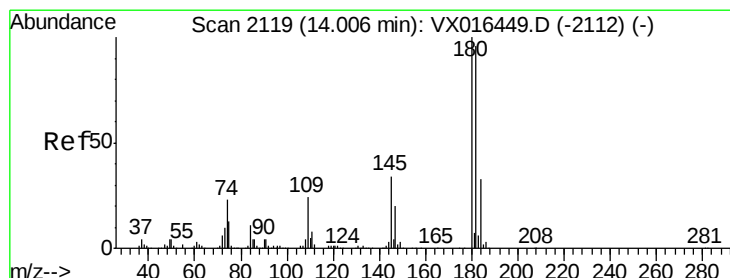
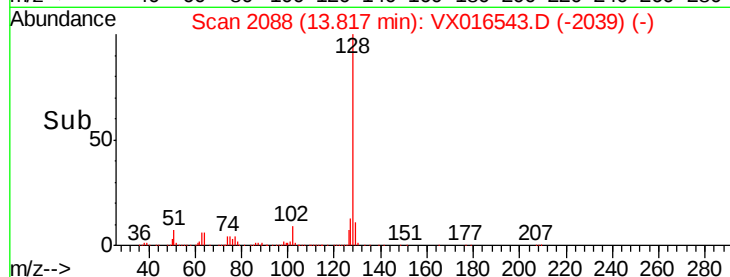
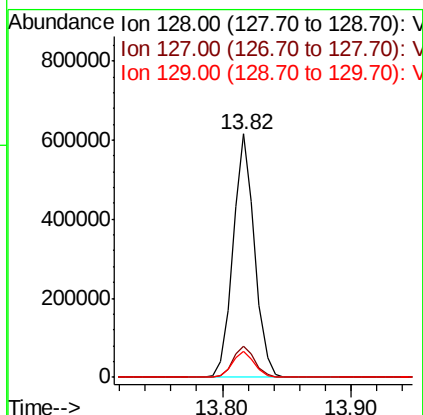
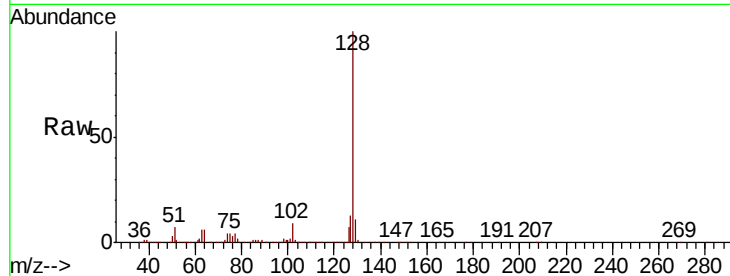




#95
Naphthalene
Concen: 46.152 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016543.D
Acq: 01 Jun 2020 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 713230
Ion Ratio Lower Upper
128 100
127 13.0 10.6 15.8
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 47.330 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.01 min
Lab File: VX016543.D
Acq: 01 Jun 2020 20:39

Tgt Ion:180 Resp: 209031
Ion Ratio Lower Upper
180 100
182 93.6 48.6 145.8
145 32.4 16.6 49.8

