

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061720\
 Data File : VX016819.D
 Acq On : 17 Jun 2020 16:14
 Operator : JC/SP
 Sample : VX0617WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0617WBS02

Quant Time: Jun 18 00:44:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 16 02:02:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	304294	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	549235	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	506527	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	218011	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	158175	46.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.44%	
35) Dibromofluoromethane	5.46	113	130450	38.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.00%	
50) Toluene-d8	8.70	98	499838	40.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.00%	
62) 4-Bromofluorobenzene	11.12	95	187996	39.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	68891	20.127	ug/l	100
3) Chloromethane	1.31	50	59267	17.842	ug/l	100
4) Vinyl Chloride	1.39	62	75588	21.326	ug/l	97
5) Bromomethane	1.63	94	46085	20.936	ug/l	97
6) Chloroethane	1.71	64	45530	20.853	ug/l	99
7) Trichlorofluoromethane	1.92	101	98791	19.352	ug/l	99
8) Diethyl Ether	2.17	74	39295	18.850	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.37	101	53889	20.749	ug/l	97
10) Methyl Iodide	2.49	142	46924	14.455	ug/l	99
11) Tert butyl alcohol	3.01	59	67871	78.933	ug/l	99
12) 1,1-Dichloroethene	2.36	96	55099	18.526	ug/l	95
13) Acrolein	2.27	56	27993	78.059	ug/l	97
14) Allyl chloride	2.71	41	77989	16.766	ug/l	96
15) Acrylonitrile	3.11	53	146424	83.921	ug/l	99
16) Acetone	2.42	43	155585	100.212	ug/l	98
17) Carbon Disulfide	2.55	76	133954	15.726	ug/l	99
18) Methyl Acetate	2.75	43	74767	18.042	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	164524	16.231	ug/l	98
20) Methylene Chloride	2.84	84	54812	16.390	ug/l	94
21) trans-1,2-Dichloroethene	3.14	96	52718	16.495	ug/l	95
22) Diisopropyl ether	3.82	45	152854	17.495	ug/l	97
23) Vinyl Acetate	3.78	43	641194	84.906	ug/l	100
24) 1,1-Dichloroethane	3.67	63	90672	16.592	ug/l	99
25) 2-Butanone	4.63	43	198231	84.719	ug/l	97
26) 2,2-Dichloropropane	4.55	77	84169	16.634	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	60879	16.666	ug/l	97
28) Bromochloromethane	4.98	49	40277	17.278	ug/l	97
29) Tetrahydrofuran	5.09	42	131121	86.503	ug/l	98
30) Chloroform	5.18	83	95229	16.472	ug/l	99
31) Cyclohexane	5.55	56	77253	18.007	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	86048	16.402	ug/l	98
36) 1,1-Dichloropropene	5.77	75	69465	14.312	ug/l	98
37) Ethyl Acetate	4.79	43	76386	14.371	ug/l	100
38) Carbon Tetrachloride	5.76	117	78100	14.168	ug/l	98

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 Sample : VX0617WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0617WBS02

Quant Time: Jun 18 00:44:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 16 02:02:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	78009	14.549	ug/l	98
40) Benzene	6.11	78	215533	14.585	ug/l	99
41) Methacrylonitrile	5.00	41	41072	14.492	ug/l	98
42) 1,2-Dichloroethane	6.17	62	77190	14.311	ug/l	99
43) Isopropyl Acetate	6.42	43	140759	16.896	ug/l	99
44) Trichloroethene	7.19	130	77679	16.993	ug/l	95
45) 1,2-Dichloropropane	7.49	63	51996	14.353	ug/l	99
46) Dibromomethane	7.64	93	36998	14.013	ug/l	99
47) Bromodichloromethane	7.87	83	75433	13.704	ug/l	97
48) Methyl methacrylate	7.74	41	56460	14.299	ug/l	99
49) 1,4-Dioxane	7.71	88	27392	280.331	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	379060	73.841	ug/l	100
52) Toluene	8.76	92	138632	14.442	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	86006	13.833	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	91522	14.112	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	54908	14.223	ug/l	99
56) Ethyl methacrylate	9.16	69	84206	14.569	ug/l	99
57) 1,3-Dichloropropane	9.35	76	108680	16.748	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	216483	76.176	ug/l	99
59) 2-Hexanone	9.47	43	333691	84.205	ug/l	100
60) Dibromochloromethane	9.57	129	71255	15.618	ug/l	100
61) 1,2-Dibromoethane	9.65	107	67704	16.093	ug/l	97
64) Tetrachloroethene	9.32	164	91451	18.802	ug/l	98
65) Chlorobenzene	10.12	112	169678	16.509	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	64540	15.741	ug/l	98
67) Ethyl Benzene	10.23	91	282675	16.269	ug/l	98
68) m/p-Xylenes	10.34	106	205002	31.118	ug/l	99
69) o-Xylene	10.68	106	102345	16.126	ug/l	99
70) Styrene	10.70	104	169091	15.412	ug/l	100
71) Bromoform	10.84	173	48901	13.978	ug/l	98
73) Isopropylbenzene	11.00	105	247553	17.305	ug/l	99
74) N-amyl acetate	10.88	43	96226	17.307	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	62710	14.903	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	99835	21.776	ug/l	88
77) Bromobenzene	11.24	156	66658	16.503	ug/l	99
78) n-propylbenzene	11.34	91	266527	17.156	ug/l	100
79) 2-Chlorotoluene	11.40	91	166252	16.924	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	205986	17.177	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	28578	15.692	ug/l	99
82) 4-Chlorotoluene	11.49	91	194159	16.885	ug/l	99
83) tert-Butylbenzene	11.76	119	182277	16.612	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	210154	17.324	ug/l	100
85) sec-Butylbenzene	11.93	105	221988	17.296	ug/l	100
86) p-Isopropyltoluene	12.05	119	209648	17.024	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	115676	16.940	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	115451	16.303	ug/l	98
89) n-Butylbenzene	12.37	91	177966	17.506	ug/l	99
90) Hexachloroethane	12.58	117	36360	16.011	ug/l	98
91) 1,2-Dichlorobenzene	12.37	146	117467	17.202	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	19584	16.642	ug/l	98

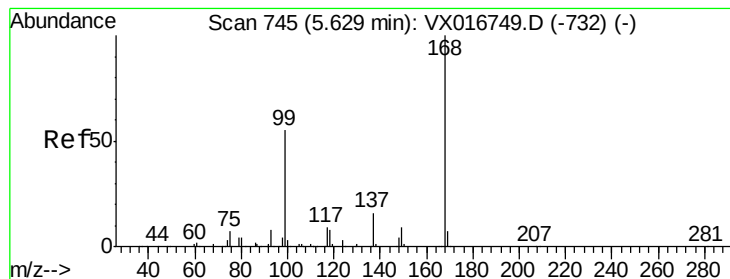
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061720\
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Acq On : 17 Jun 2020 16:14
Operator : JC/SP
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Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS02

Quant Time: Jun 18 00:44:39 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 16 02:02:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	85933	17.970	ug/l	99
94) Hexachlorobutadiene	13.77	225	37412	18.045	ug/l	97
95) Naphthalene	13.82	128	296318	19.779	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	83988	17.844	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX016819.D

Acq: 17 Jun 2020 16:14

Instrument :

MSVOA_X

ClientSampleId :

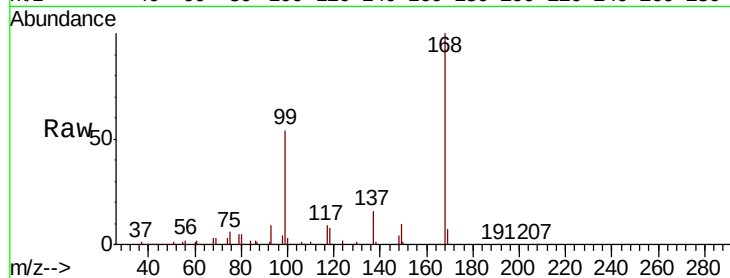
VX0617WBS02

Tot Ion:168 Resp: 304294

Ion Ratio Lower Upper

168 100

99 54.3 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

120000

100000

80000

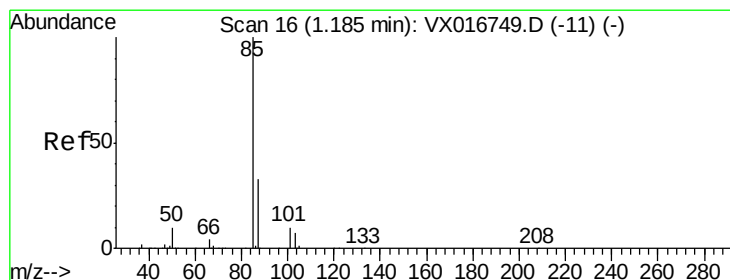
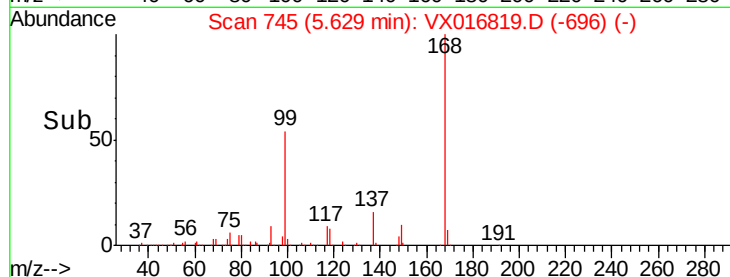
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 20.127 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX016819.D

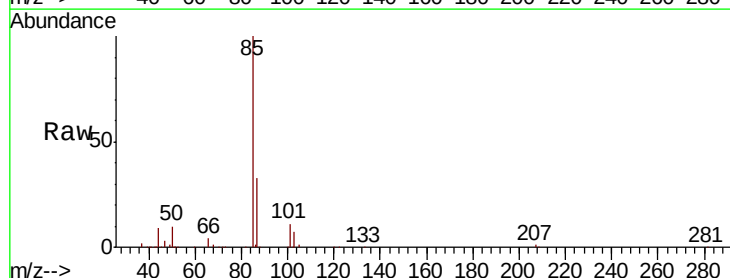
Acq: 17 Jun 2020 16:14

Tgt Ion: 85 Resp: 68891

Ion Ratio Lower Upper

85 100

87 33.0 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

80000

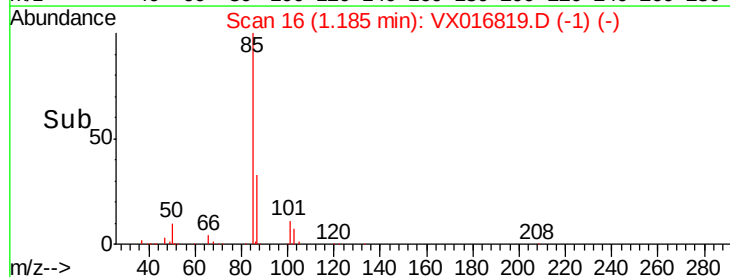
60000

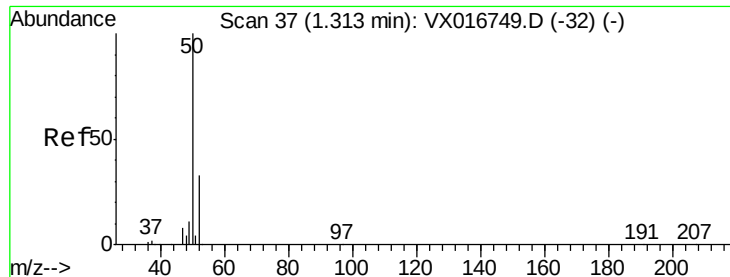
40000

20000

0

Time-->





#3

Chloromethane

Concen: 17.842 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX016819.D

Acq: 17 Jun 2020 16:14

Instrument :

MSVOA_X

ClientSampleId :

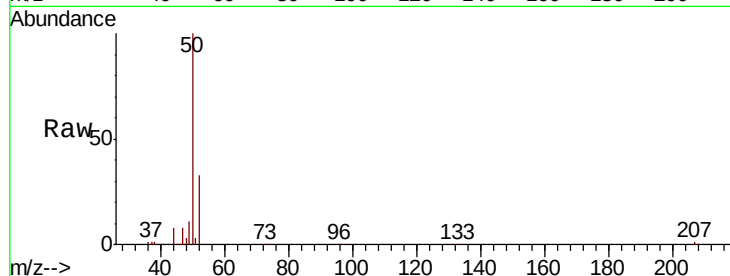
VX0617WBS02

Tot Ion: 50 Resp: 59267

Ion Ratio Lower Upper

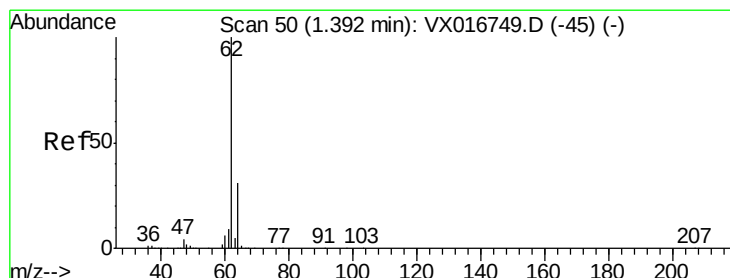
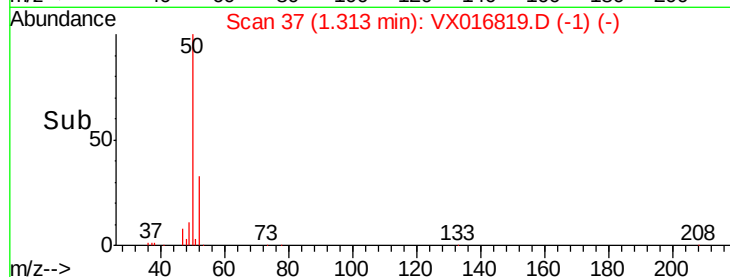
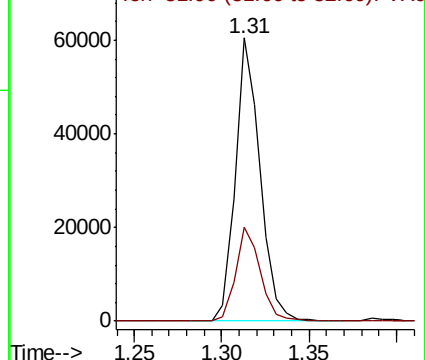
50 100

52 33.1 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 21.326 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX016819.D

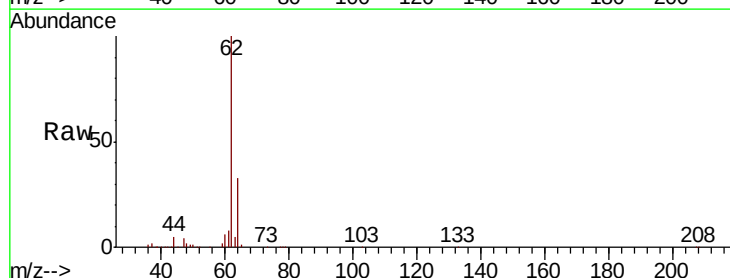
Acq: 17 Jun 2020 16:14

Tgt Ion: 62 Resp: 75588

Ion Ratio Lower Upper

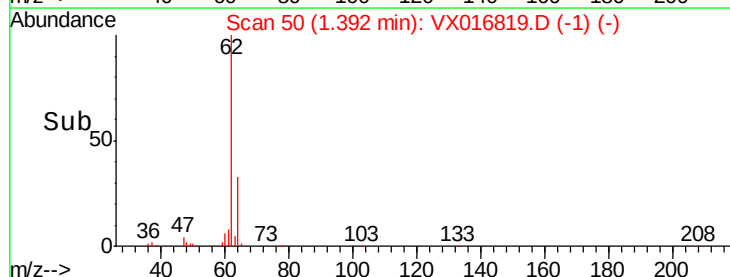
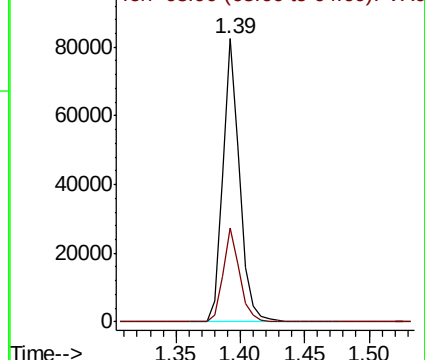
62 100

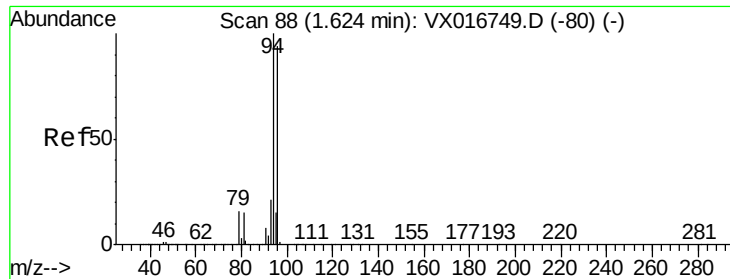
64 33.2 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 20.936 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX016819.D

Acq: 17 Jun 2020 16:14

Instrument :

MSVOA_X

ClientSampleId :

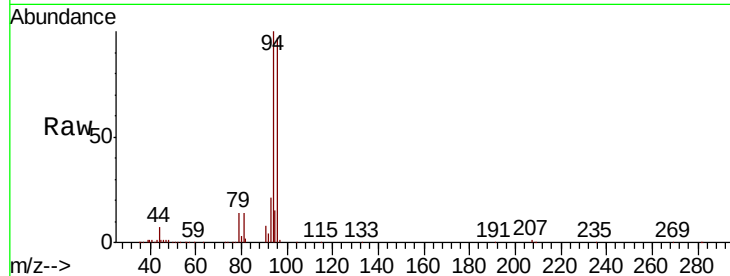
VX0617WBS02

Tot Ion: 94 Resp: 46085

Ion Ratio Lower Upper

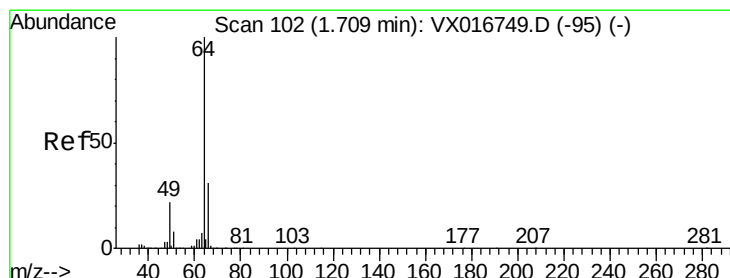
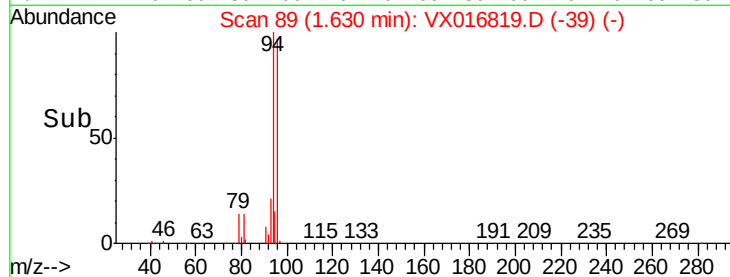
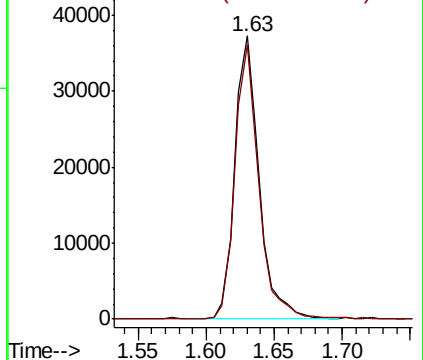
94 100

96 96.8 75.4 113.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 20.853 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX016819.D

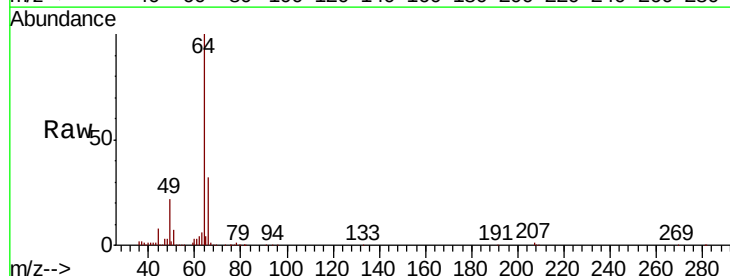
Acq: 17 Jun 2020 16:14

Tgt Ion: 64 Resp: 45530

Ion Ratio Lower Upper

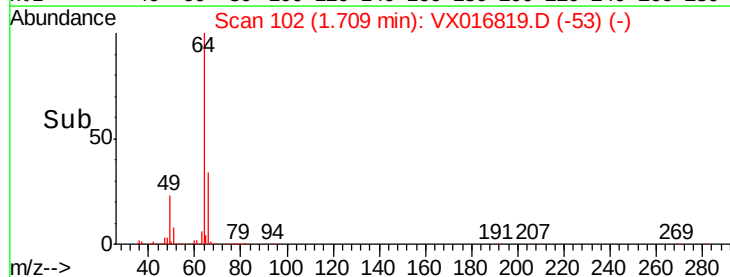
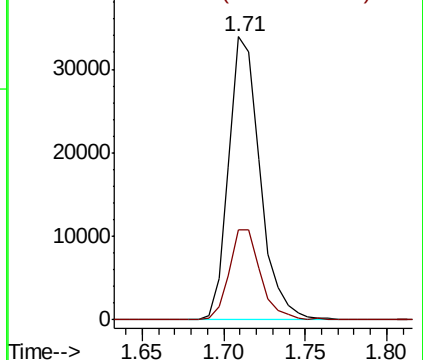
64 100

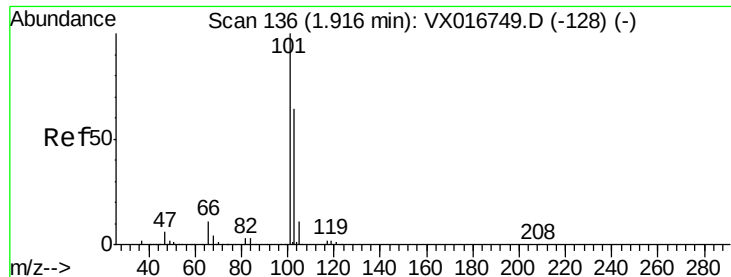
66 31.9 25.0 37.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



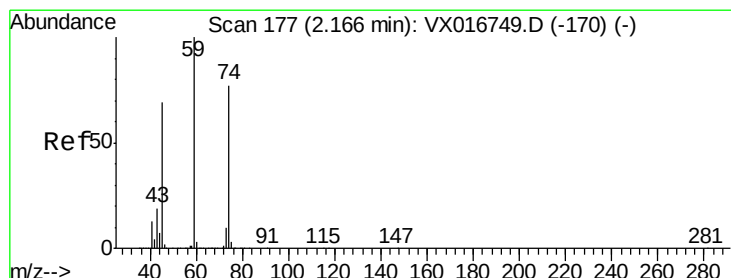
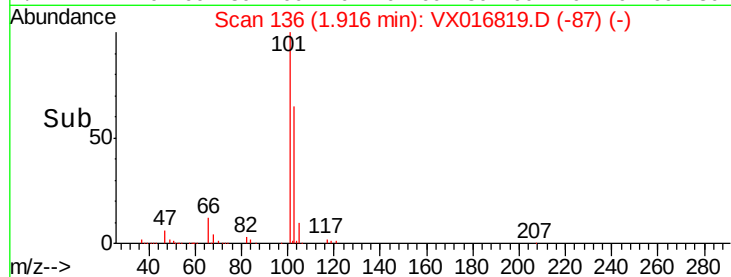
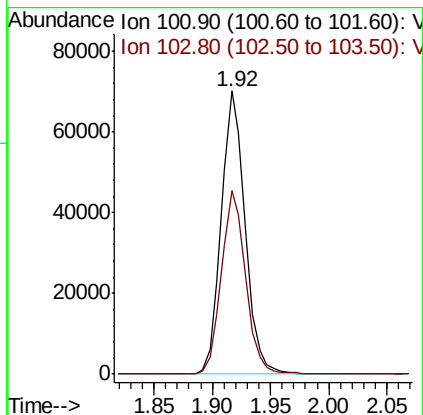
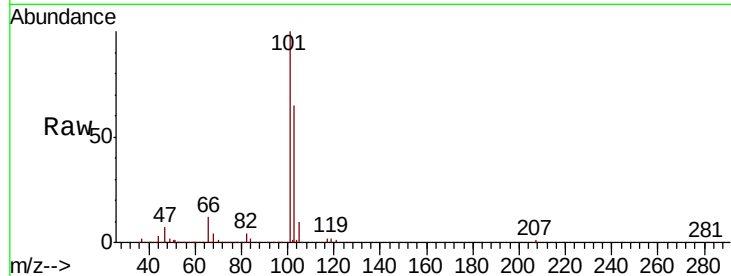


#7

Trichlorofluoromethane
Concen: 19.352 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX016819.D
Acq: 17 Jun 2020 16:14

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS02

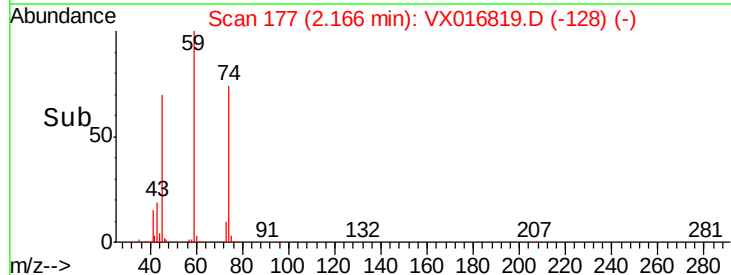
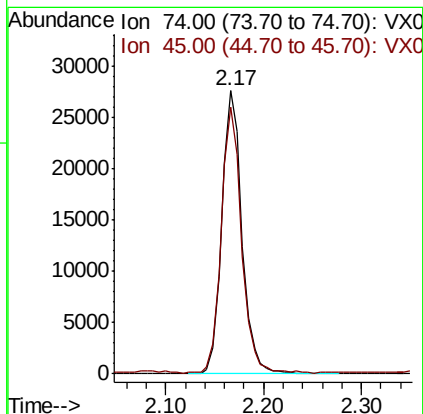
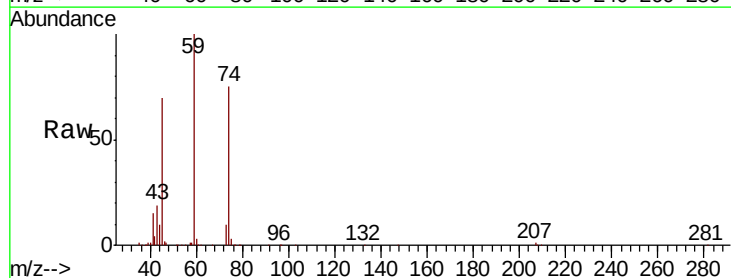
Tot Ion:101 Resp: 98791
Ion Ratio Lower Upper
101 100
103 64.8 51.3 76.9

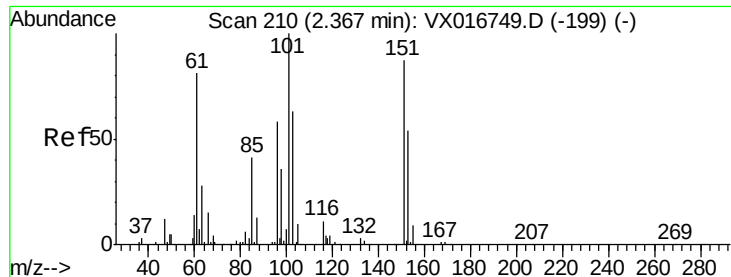


#8

Diethyl Ether
Concen: 18.850 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX016819.D
Acq: 17 Jun 2020 16:14

Tgt Ion: 74 Resp: 39295
Ion Ratio Lower Upper
74 100
45 94.0 43.5 130.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.749 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX016819.D

Acq: 17 Jun 2020 16:14

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS02

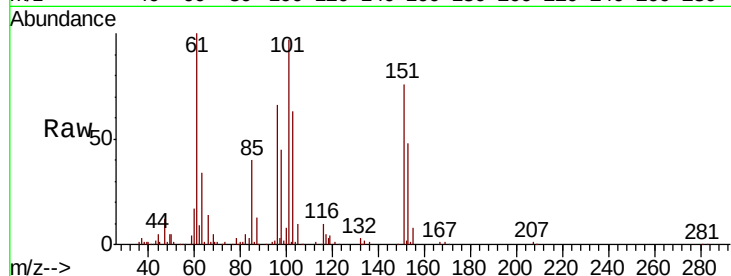
Tot Ion:101 Resp: 53889

Ion Ratio Lower Upper

101 100

85 42.3 34.0 51.0

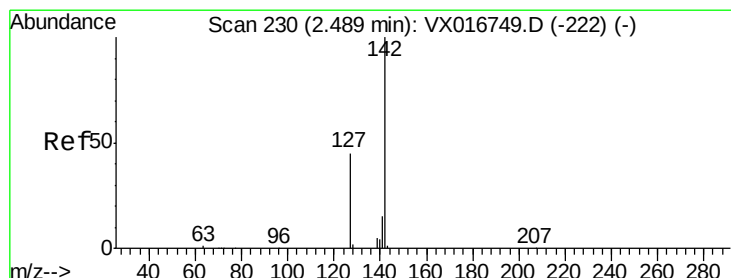
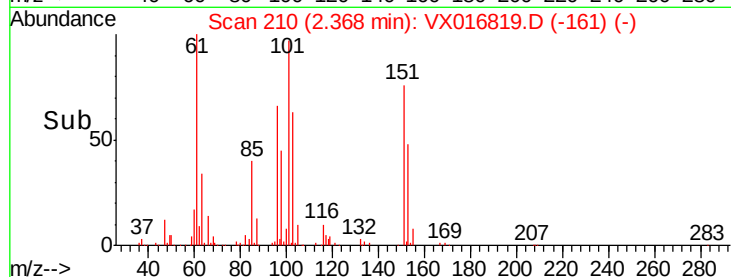
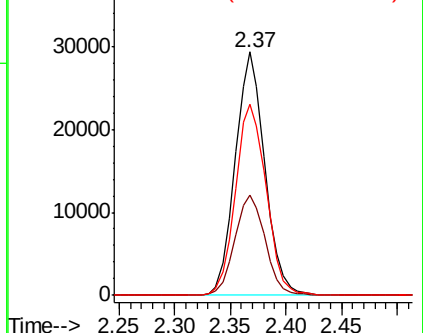
151 81.6 68.7 103.1



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: 14.455 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX016819.D

Acq: 17 Jun 2020 16:14

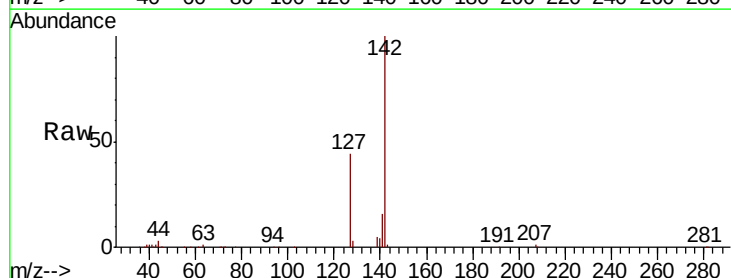
Tgt Ion:142 Resp: 46924

Ion Ratio Lower Upper

142 100

127 43.8 35.4 53.2

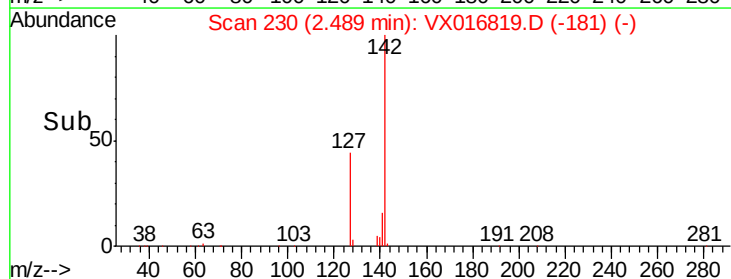
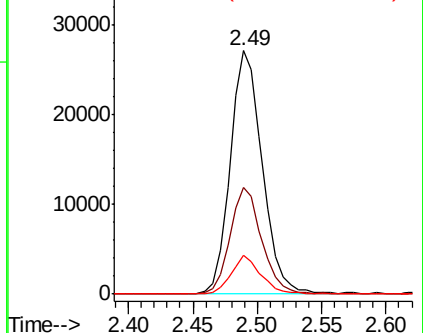
141 14.6 11.7 17.5

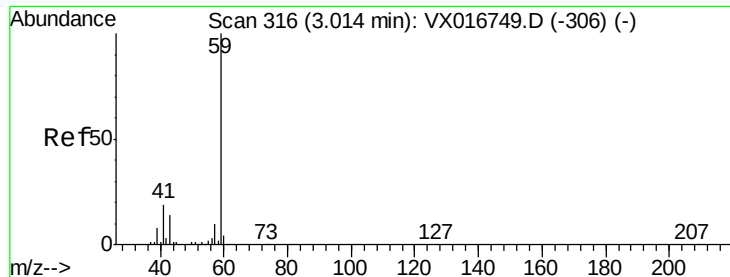


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



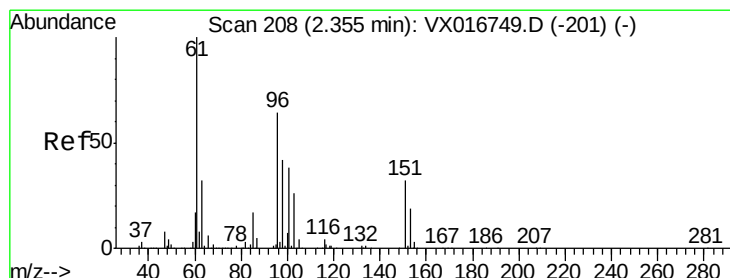
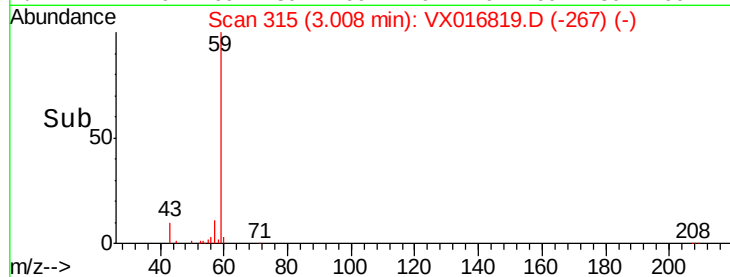
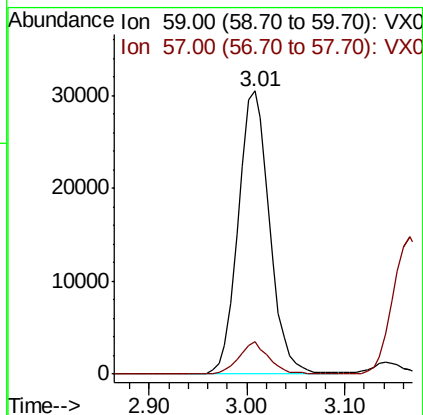
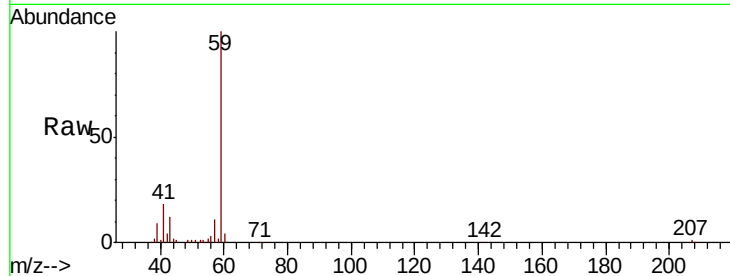


#11

Tert butyl alcohol
 Concen: 78.933 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX016819.D
 Acq: 17 Jun 2020 16:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0617WBS02

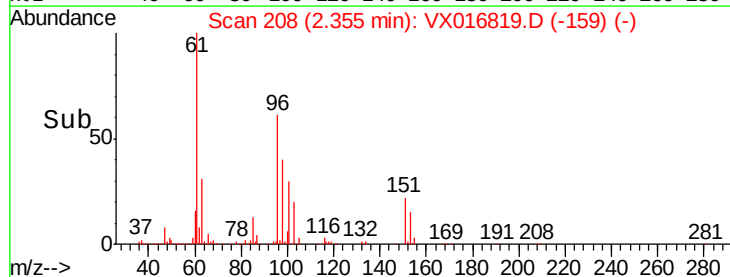
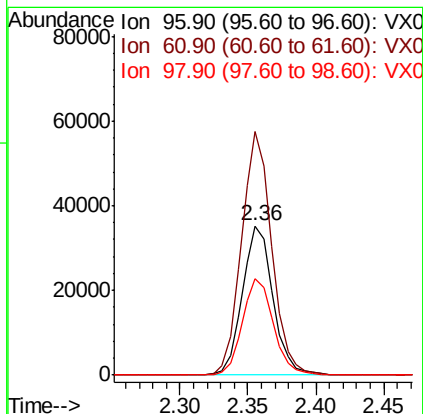
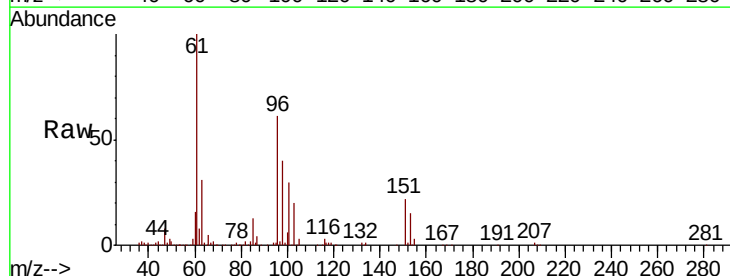
Tot Ion: 59 Resp: 67871
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.2 12.2

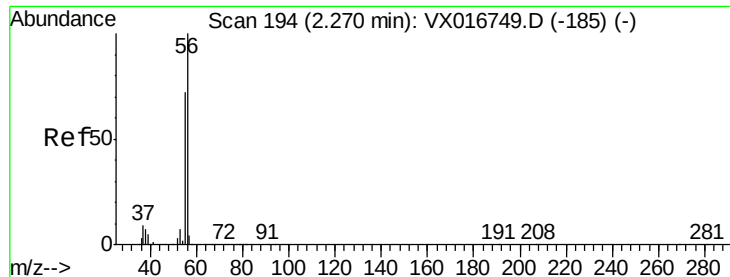


#12

1,1-Dichloroethene
 Concen: 18.526 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. 0.00 min
 Lab File: VX016819.D
 Acq: 17 Jun 2020 16:14

Tgt Ion: 96 Resp: 55099
 Ion Ratio Lower Upper
 96 100
 61 163.9 124.1 186.1
 98 64.8 52.7 79.1





#13

Acrolein

Concen: 78.059 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX016819.D

Acq: 17 Jun 2020 16:14

Instrument :

MSVOA_X

ClientSampleId :

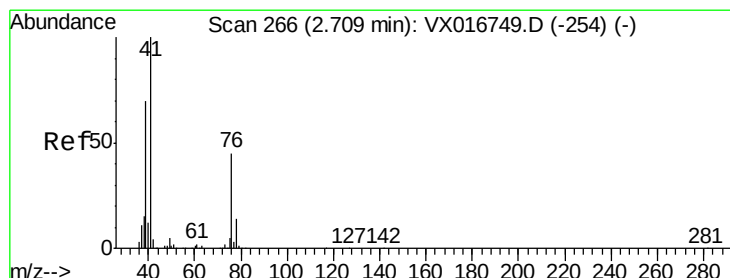
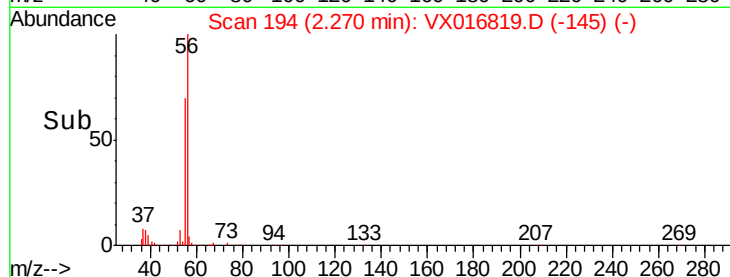
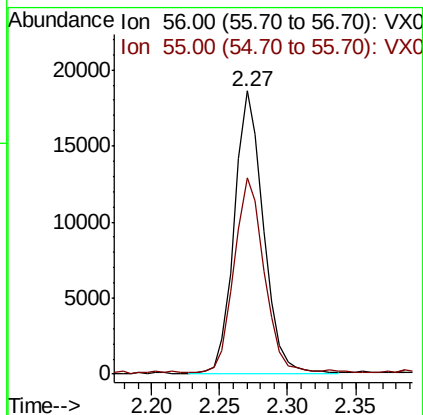
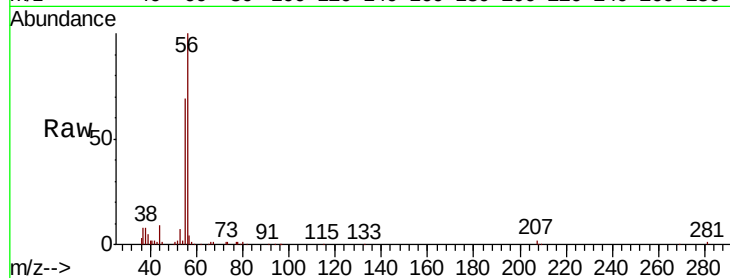
VX0617WBS02

Tot Ion: 56 Resp: 27993

Ion Ratio Lower Upper

56 100

55 69.9 58.2 87.4



#14

Allyl chloride

Concen: 16.766 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX016819.D

Acq: 17 Jun 2020 16:14

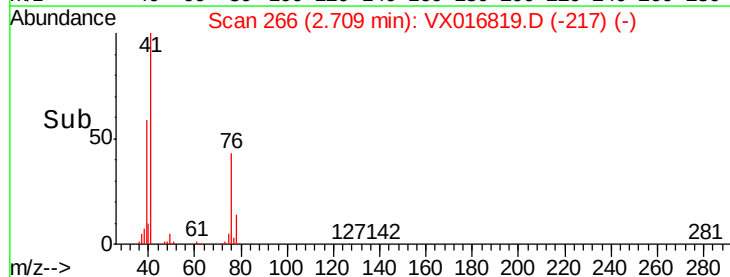
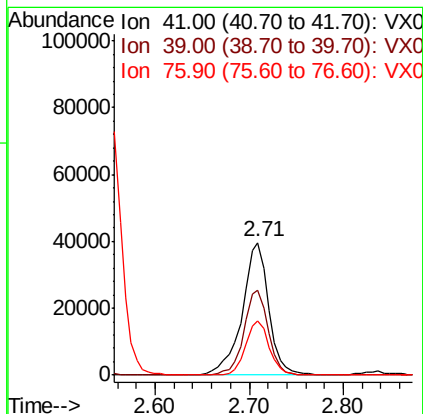
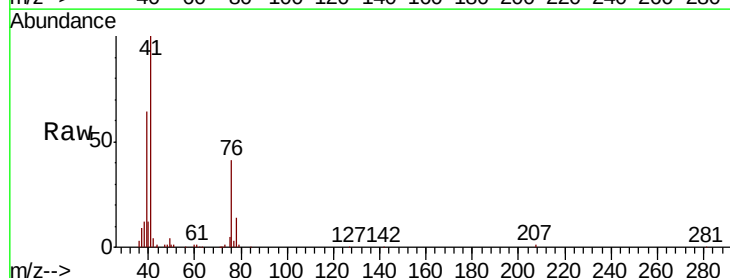
Tgt Ion: 41 Resp: 77989

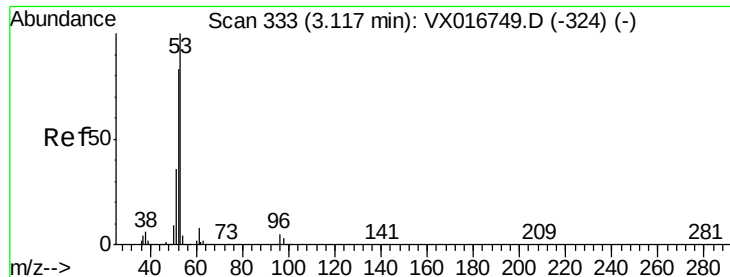
Ion Ratio Lower Upper

41 100

39 59.4 50.2 75.4

76 36.6 30.4 45.6

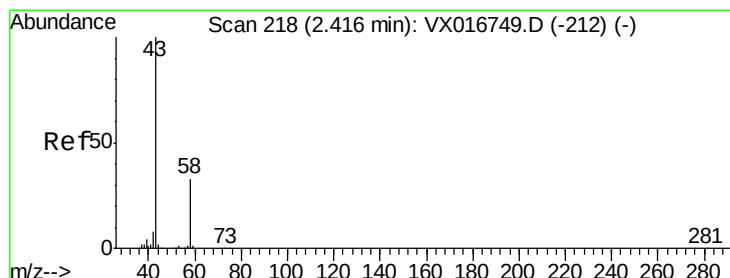
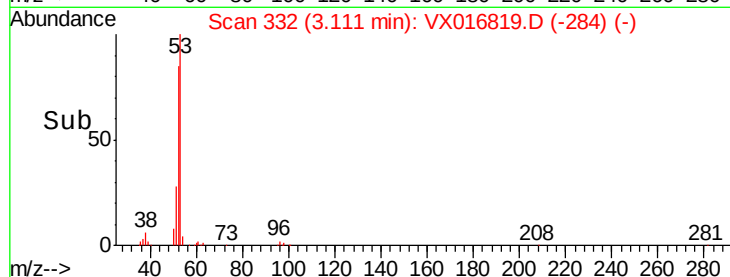
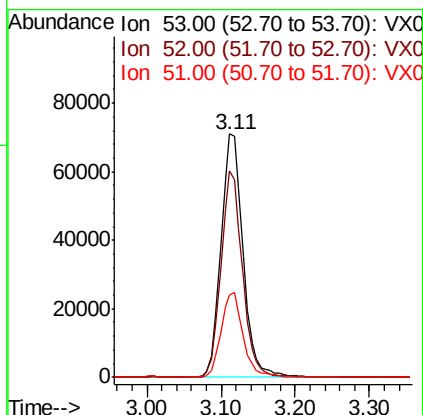
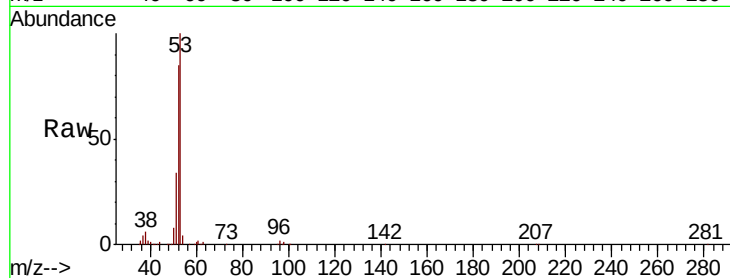




#15
 Acrylonitrile
 Concen: 83.921 ug/l
 RT: 3.11 min Scan# 332
 Delta R.T. -0.01 min
 Lab File: VX016819.D
 Acq: 17 Jun 2020 16:14

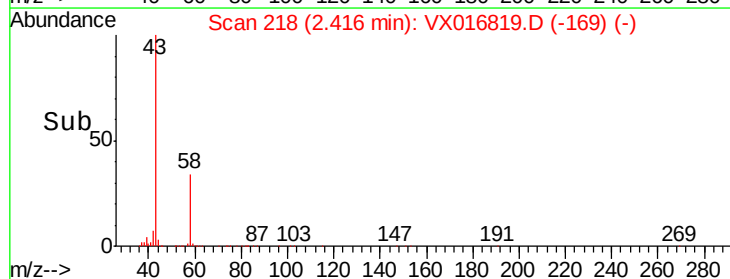
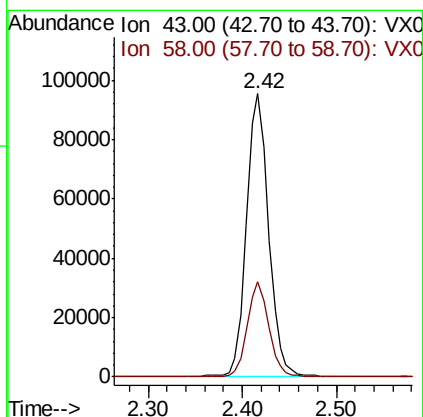
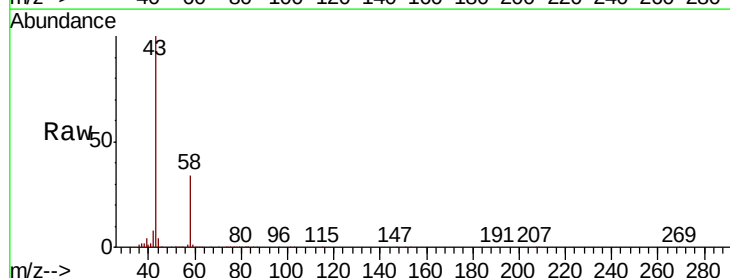
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0617WBS02

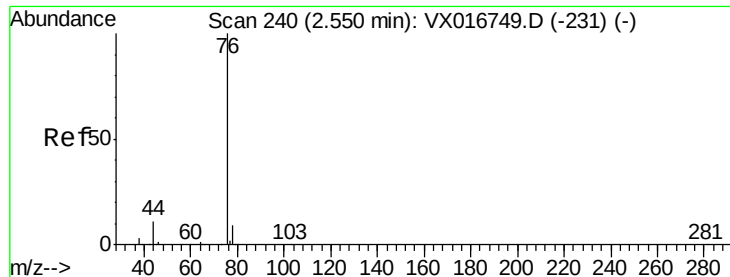
Tot Ion	53	Resp	146424
Ion Ratio	Lower	Upper	
53	100		
52	82.3	65.5	98.3
51	34.8	28.6	42.8



#16
 Acetone
 Concen: 100.212 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. 0.00 min
 Lab File: VX016819.D
 Acq: 17 Jun 2020 16:14

Tgt Ion	43	Resp	155585
Ion Ratio	Lower	Upper	
43	100		
58	33.8	26.3	39.5





#17

Carbon Disulfide

Concen: 15.726 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016819.D

Acq: 17 Jun 2020 16:14

Instrument :

MSVOA_X

ClientSampleId :

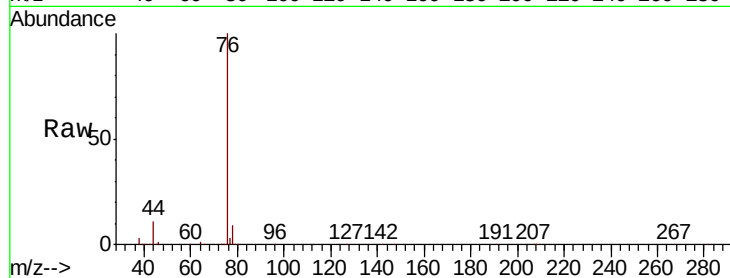
VX0617WBS02

Tot Ion: 76 Resp: 133954

Ion Ratio Lower Upper

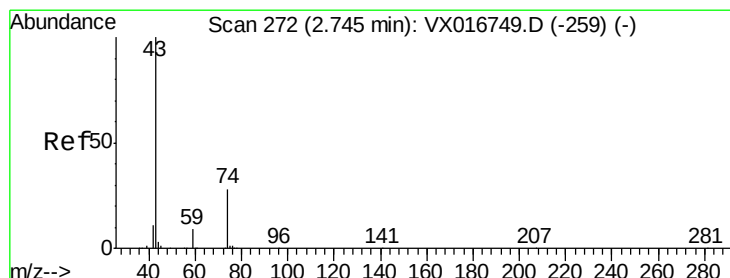
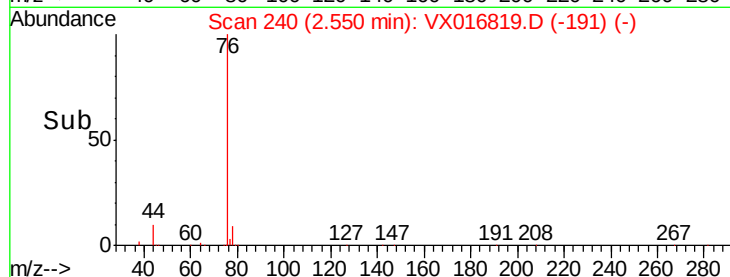
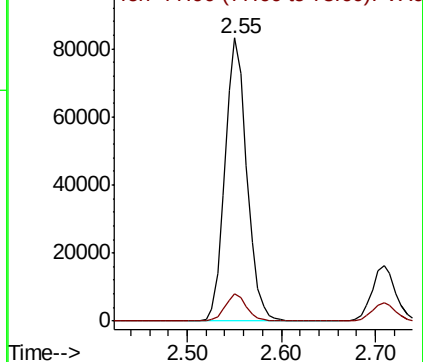
76 100

78 9.5 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 18.042 ug/l

RT: 2.75 min Scan# 272

Delta R.T. 0.00 min

Lab File: VX016819.D

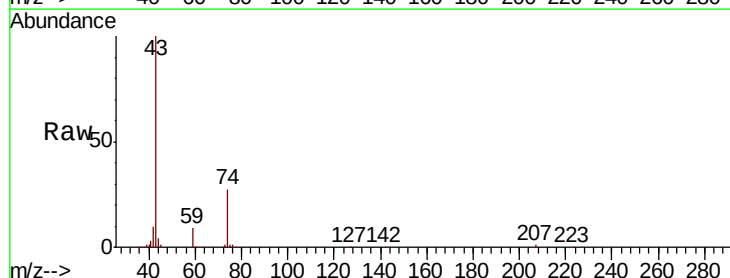
Acq: 17 Jun 2020 16:14

Tgt Ion: 43 Resp: 74767

Ion Ratio Lower Upper

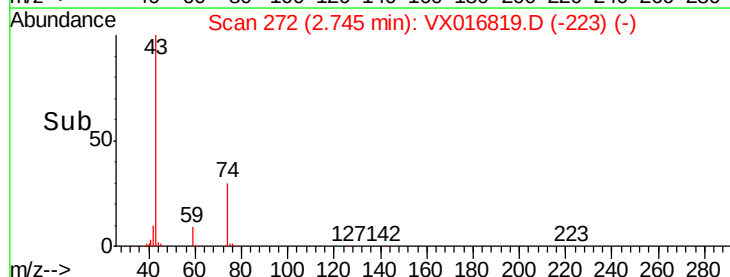
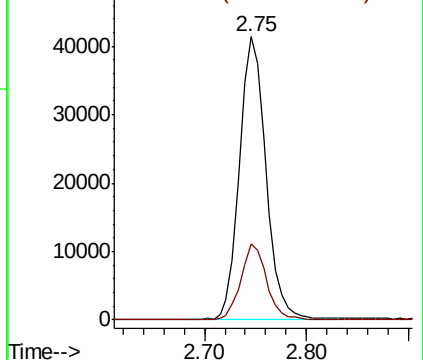
43 100

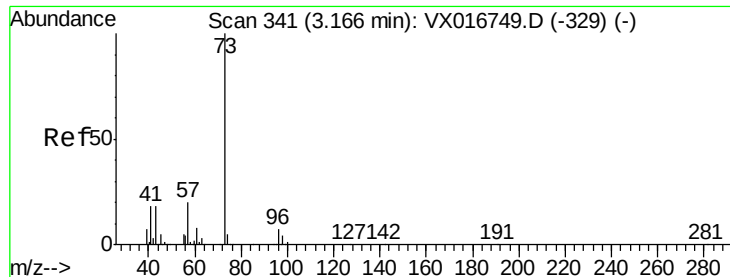
74 26.2 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



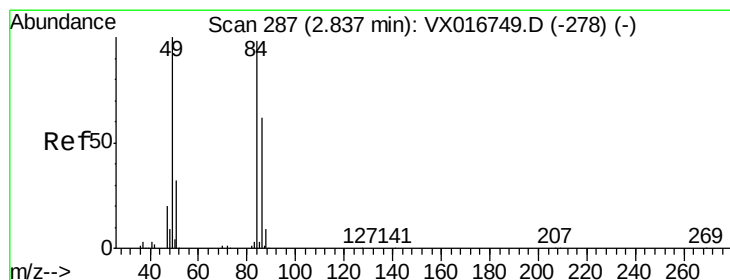
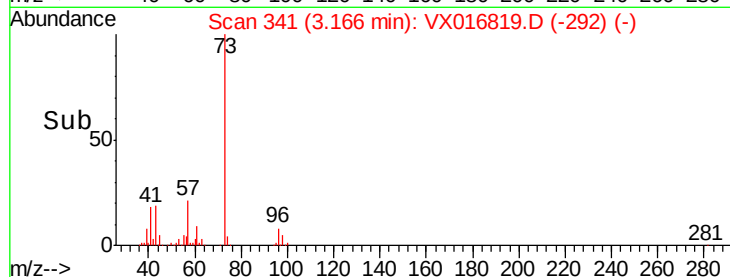
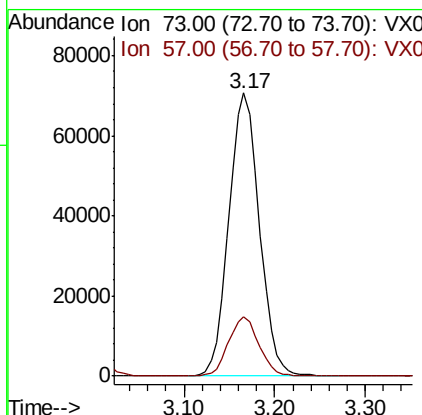
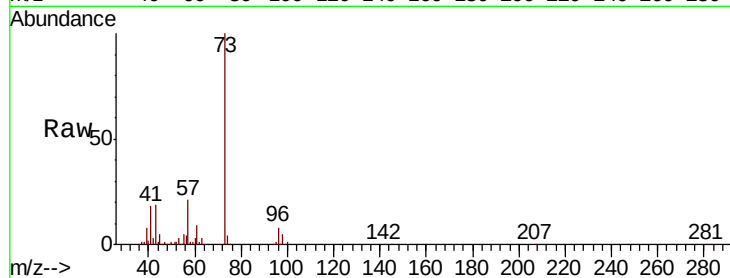


#19

Methyl tert-butyl Ether
 Concen: 16.231 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX016819.D
 Acq: 17 Jun 2020 16:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0617WBS02

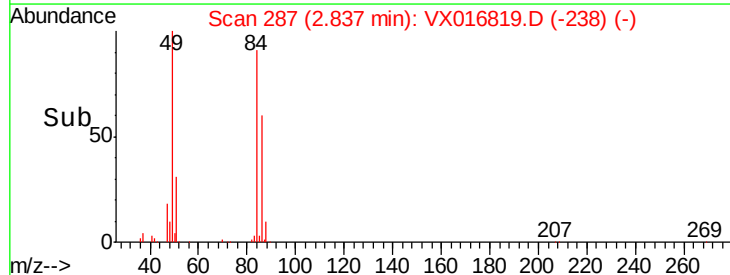
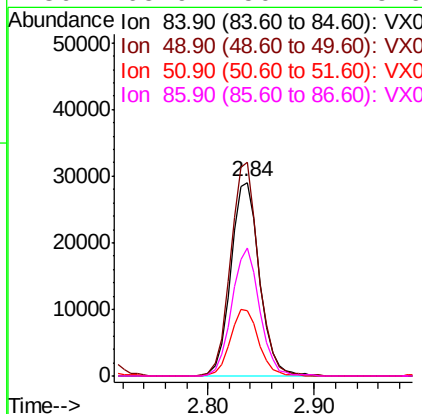
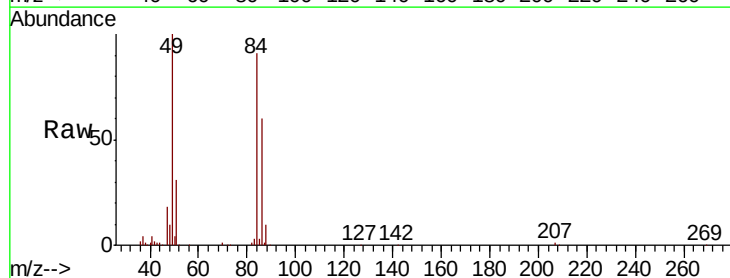
Tot Ion: 73 Resp: 164524
 Ion Ratio Lower Upper
 73 100
 57 21.1 16.2 24.4

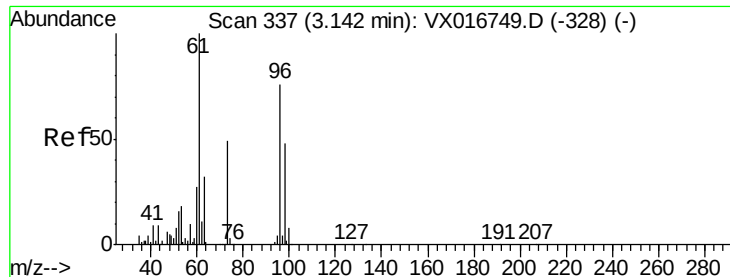


#20

Methylene Chloride
 Concen: 16.390 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. 0.00 min
 Lab File: VX016819.D
 Acq: 17 Jun 2020 16:14

Tgt Ion: 84 Resp: 54812
 Ion Ratio Lower Upper
 84 100
 49 110.3 81.8 122.8
 51 33.9 25.8 38.8
 86 65.9 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 16.495 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX016819.D

Acq: 17 Jun 2020 16:14

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS02

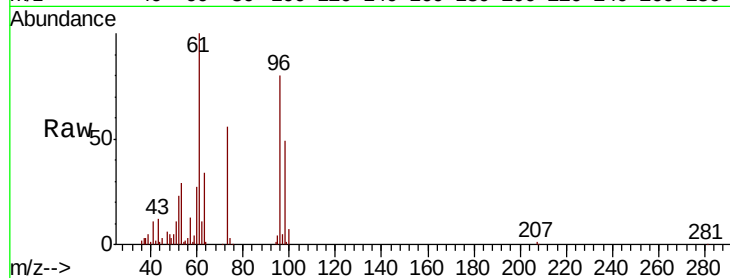
Tot Ion: 96 Resp: 52718

Ion Ratio Lower Upper

96 100

61 125.5 105.4 158.2

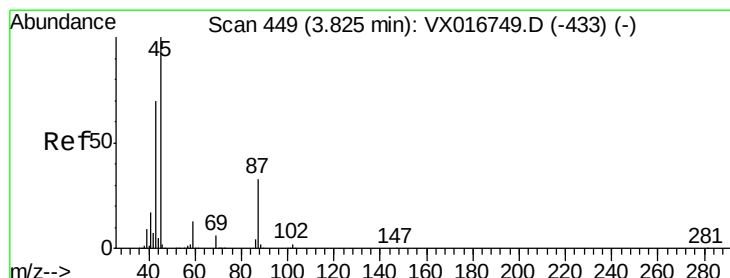
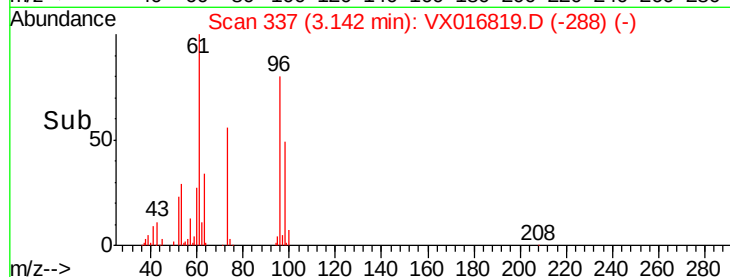
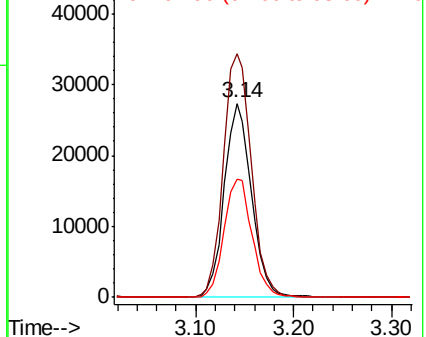
98 61.1 50.8 76.2



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



#22

Diisopropyl ether

Concen: 17.495 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX016819.D

Acq: 17 Jun 2020 16:14

Tgt Ion: 45 Resp: 152854

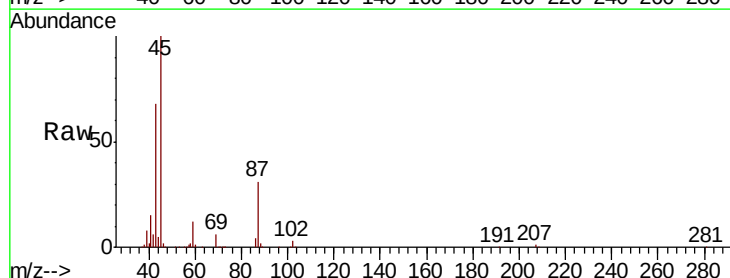
Ion Ratio Lower Upper

45 100

43 67.5 56.2 84.4

87 31.4 26.2 39.4

59 12.1 10.3 15.5

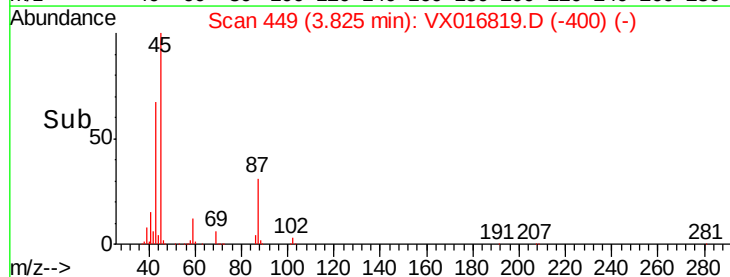
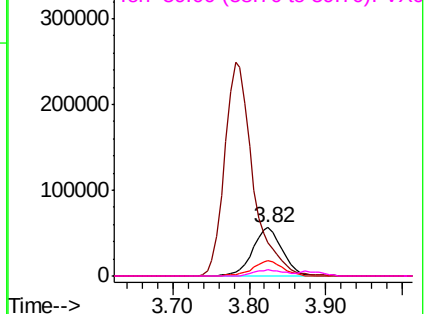


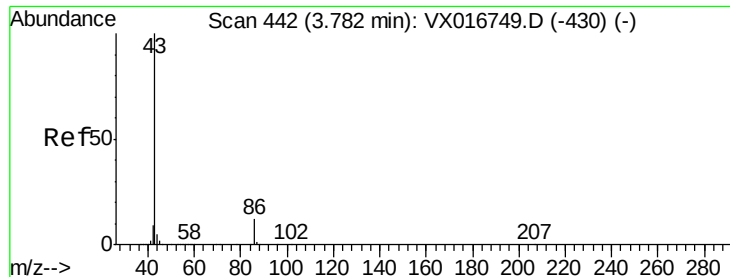
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 84.906 ug/l

RT: 3.78 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX016819.D

Acq: 17 Jun 2020 16:14

Instrument :

MSVOA_X

ClientSampled :

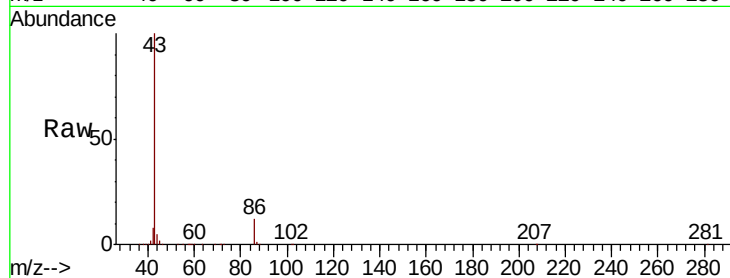
VX0617WBS02

Tot Ion: 43 Resp: 641194

Ion Ratio Lower Upper

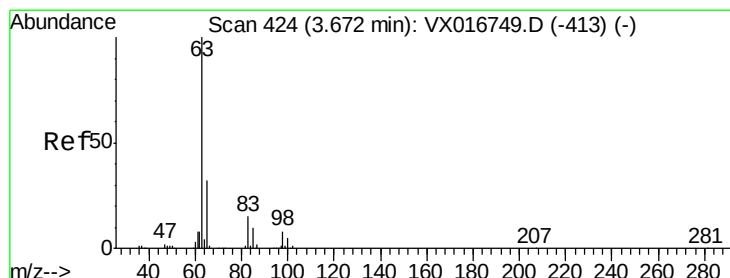
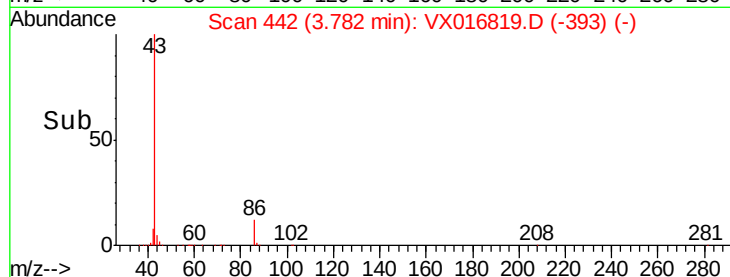
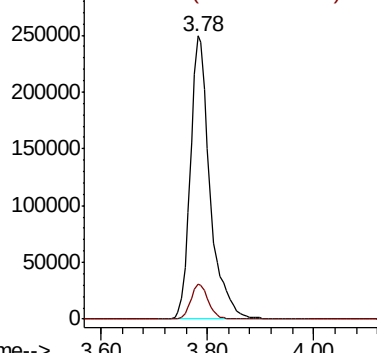
43 100

86 12.2 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 16.592 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX016819.D

Acq: 17 Jun 2020 16:14

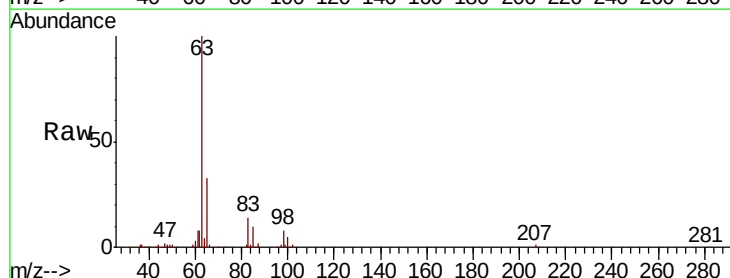
Tgt Ion: 63 Resp: 90672

Ion Ratio Lower Upper

63 100

98 7.9 3.8 11.4

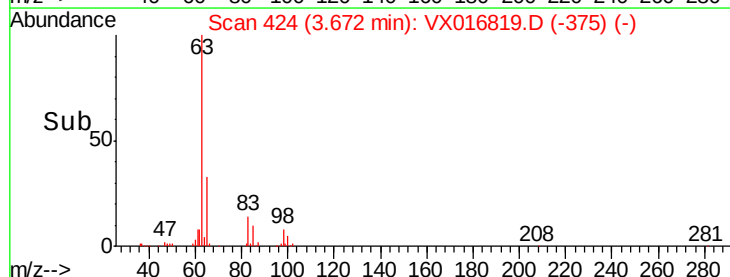
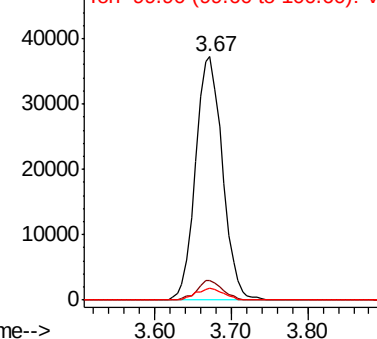
100 5.1 2.3 6.9

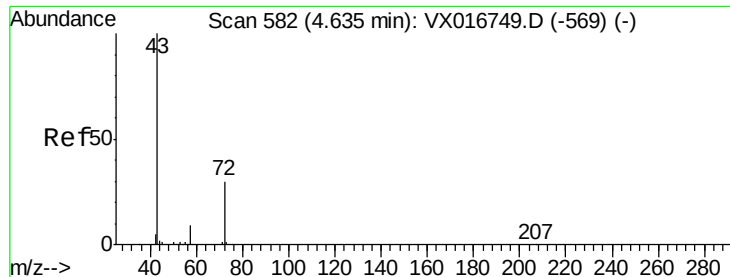


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 84.719 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX016819.D

Acq: 17 Jun 2020 16:14

Instrument :

MSVOA_X

ClientSampleId :

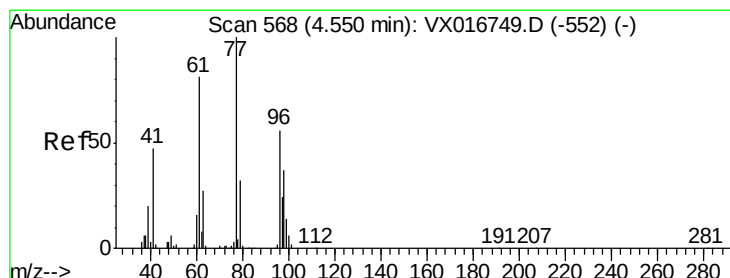
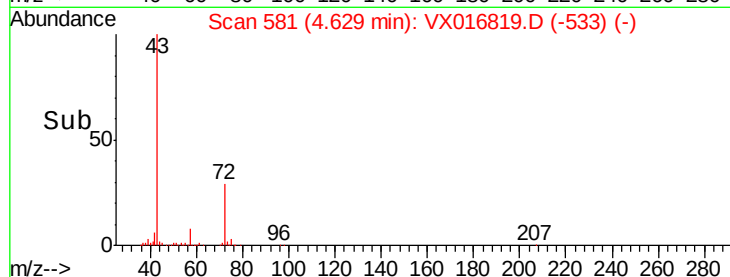
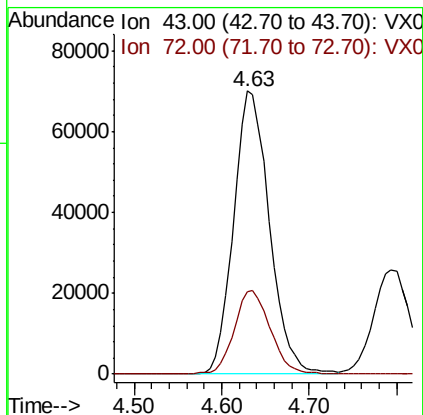
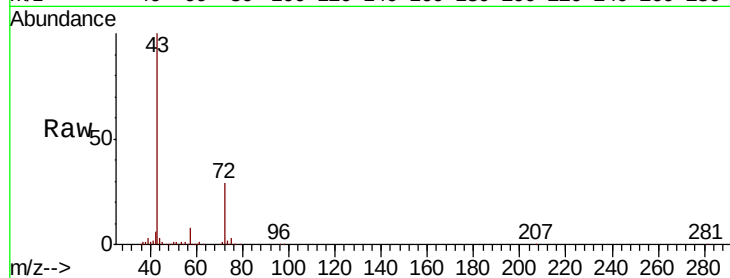
VX0617WBS02

Tot Ion: 43 Resp: 198231

Ion Ratio Lower Upper

43 100

72 28.9 24.2 36.4



#26

2,2-Dichloropropane

Concen: 16.634 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX016819.D

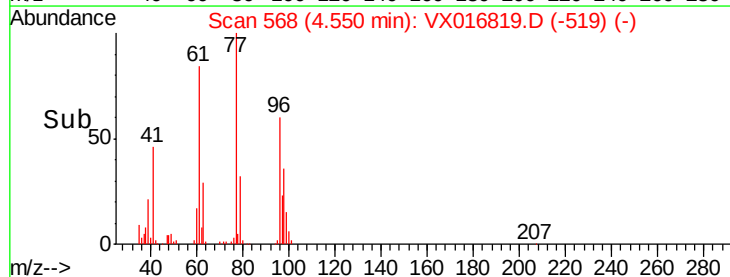
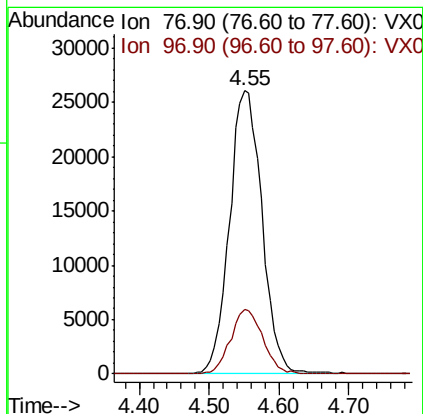
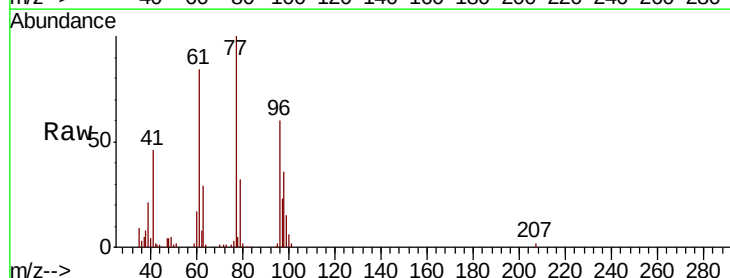
Acq: 17 Jun 2020 16:14

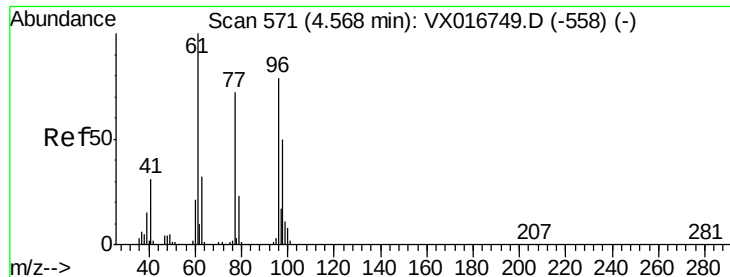
Tgt Ion: 77 Resp: 84169

Ion Ratio Lower Upper

77 100

97 22.6 11.5 34.4



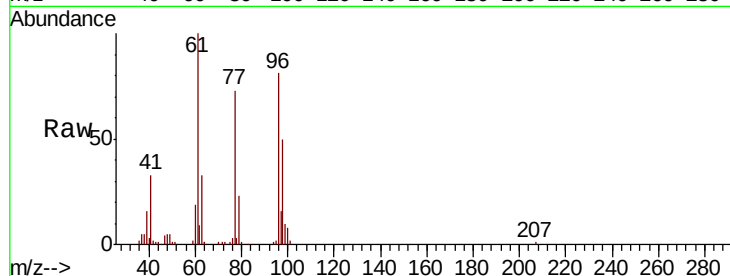


#27

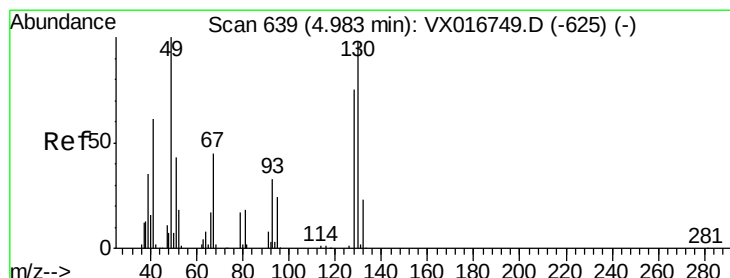
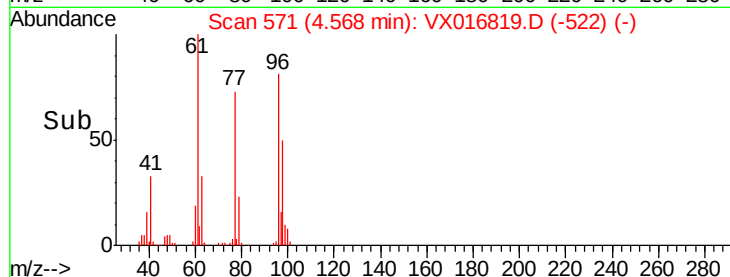
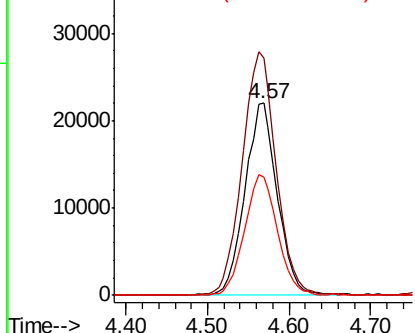
cis-1,2-Dichloroethene
 Concen: 16.666 ug/l
 RT: 4.57 min Scan# 571
 Delta R.T. 0.00 min
 Lab File: VX016819.D
 Acq: 17 Jun 2020 16:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0617WBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	133.0	0.0	276.2
98	63.7	0.0	130.0



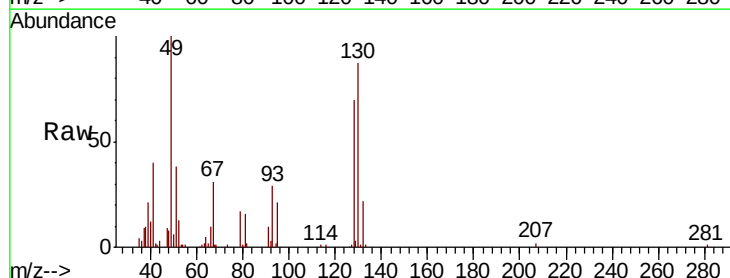
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



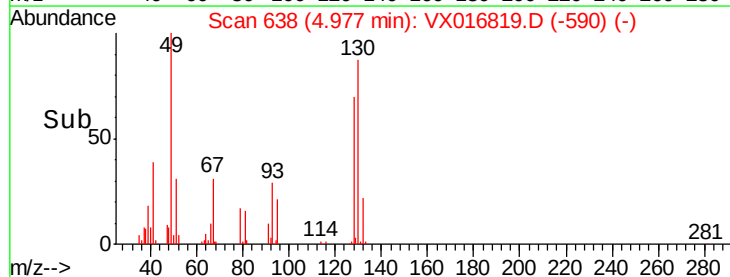
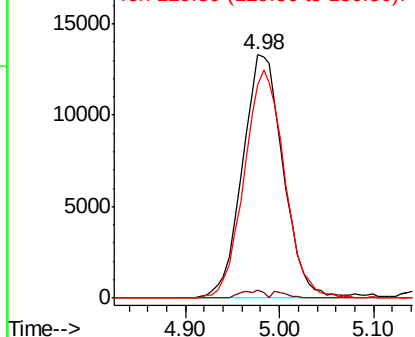
#28

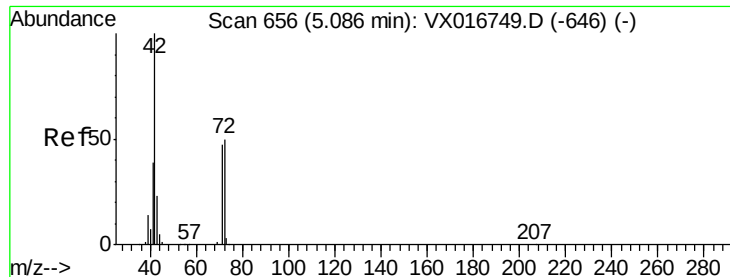
Bromochloromethane
 Concen: 17.278 ug/l
 RT: 4.98 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: VX016819.D
 Acq: 17 Jun 2020 16:14

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	2.8
130	92.4	76.0	114.0



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: 86.503 ug/l

RT: 5.09 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX016819.D

Acq: 17 Jun 2020 16:14

Instrument :

MSVOA_X

ClientSampled :

VX0617WBS02

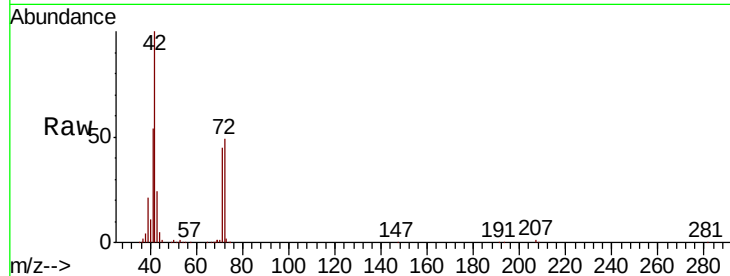
Tot Ion: 42 Resp: 131121

Ion Ratio Lower Upper

42 100

72 49.7 41.0 61.6

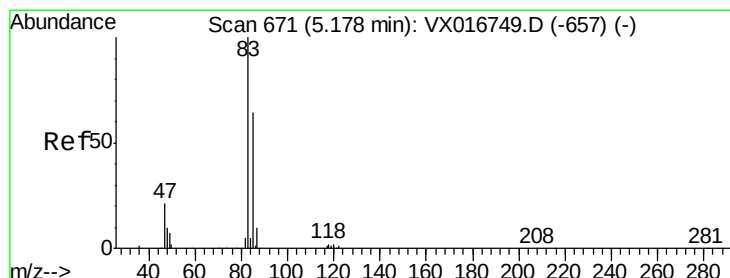
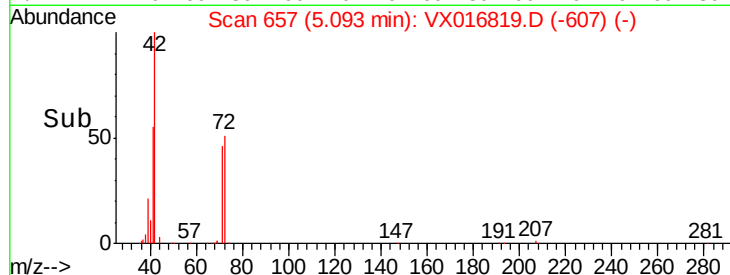
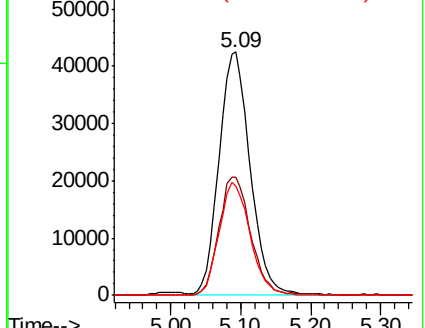
71 46.3 38.2 57.4



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 16.472 ug/l

RT: 5.18 min Scan# 671

Delta R.T. 0.00 min

Lab File: VX016819.D

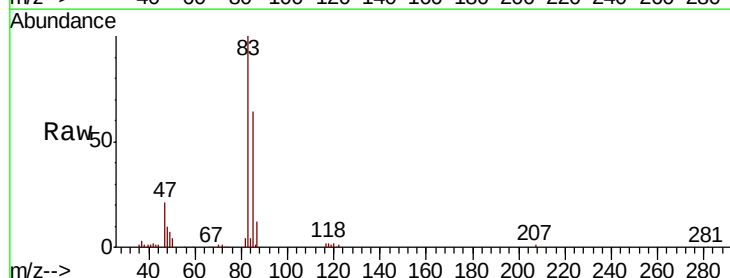
Acq: 17 Jun 2020 16:14

Tgt Ion: 83 Resp: 95229

Ion Ratio Lower Upper

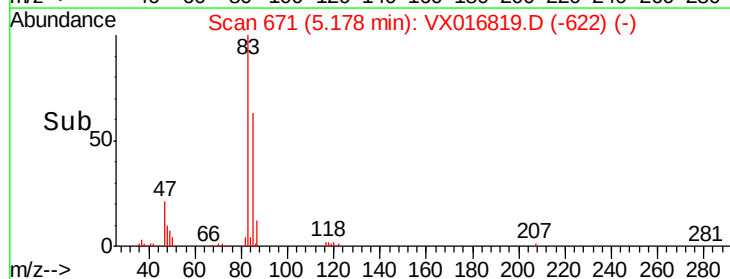
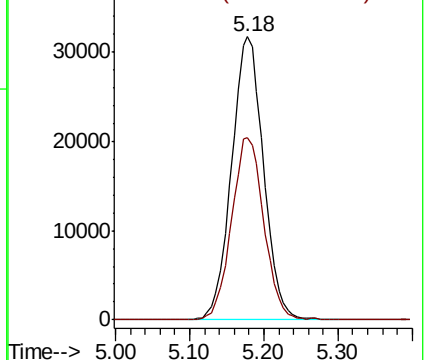
83 100

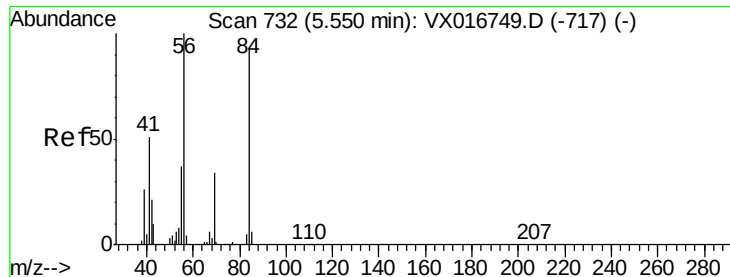
85 64.3 50.8 76.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

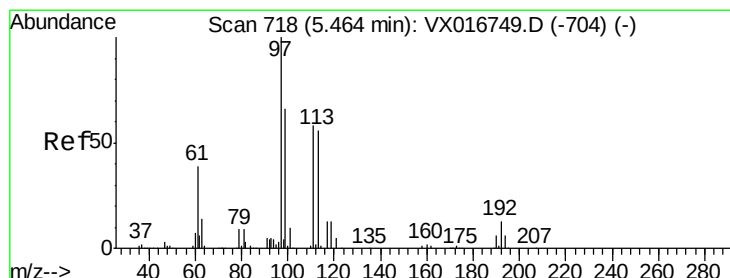
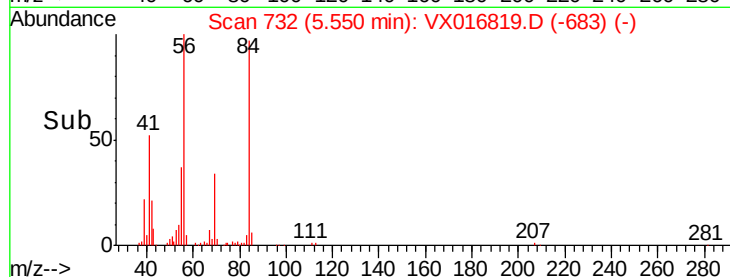
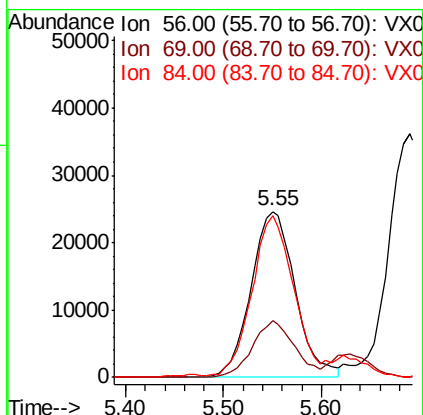
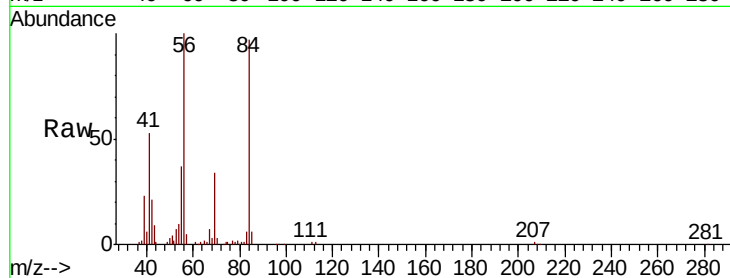




#31
Cyclohexane
Concen: 18.007 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.00 min
Lab File: VX016819.D
Acq: 17 Jun 2020 16:14

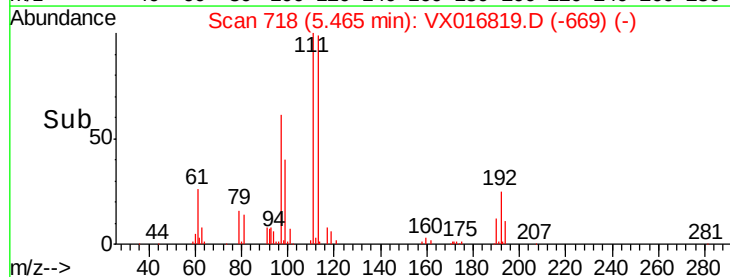
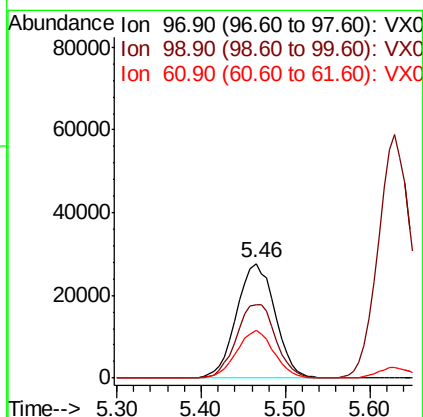
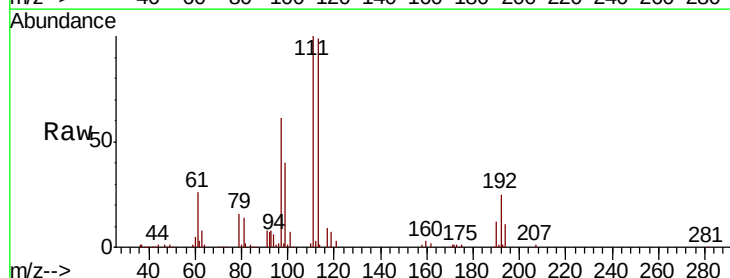
Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS02

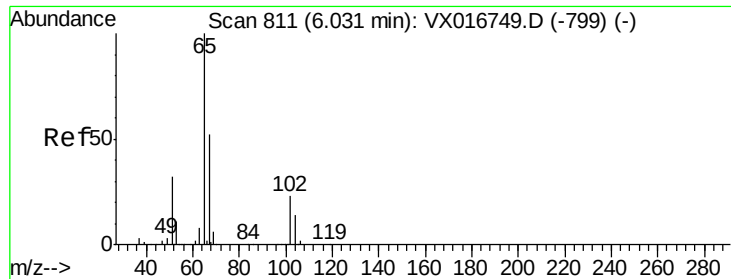
Tot Ion: 56 Resp: 77253
Ion Ratio Lower Upper
56 100
69 34.2 27.1 40.7
84 95.6 74.0 111.0



#32
1,1,1-Trichloroethane
Concen: 16.402 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX016819.D
Acq: 17 Jun 2020 16:14

Tgt Ion: 97 Resp: 86048
Ion Ratio Lower Upper
97 100
99 65.5 51.5 77.3
61 40.4 31.3 46.9

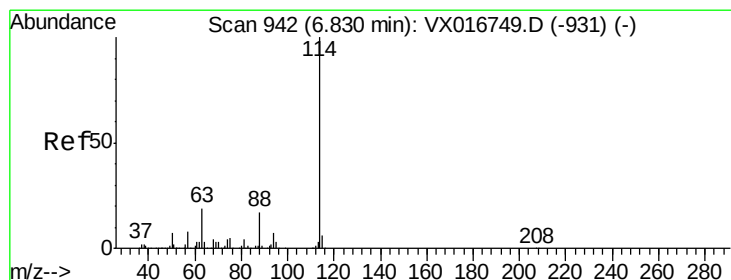
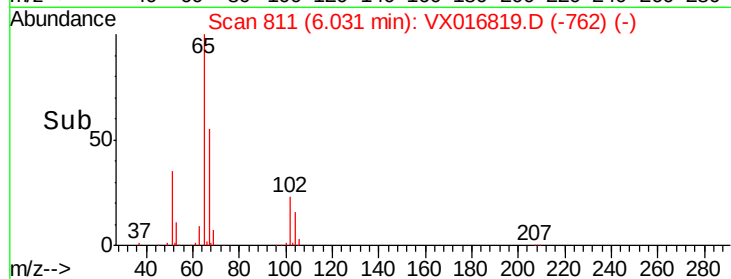
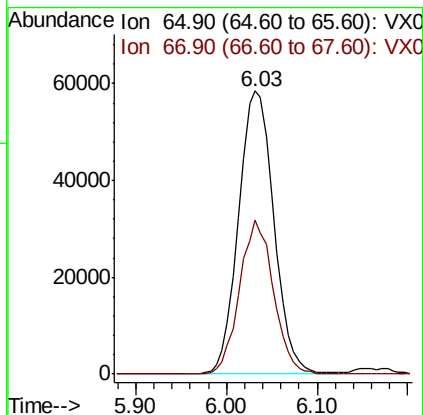
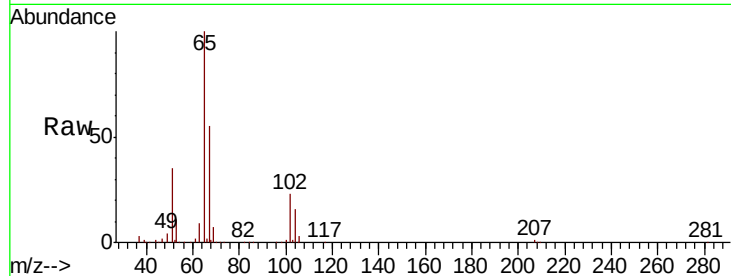




#33
 1,2-Dichloroethane-d4
 Concen: 46.219 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX016819.D
 Acq: 17 Jun 2020 16:14

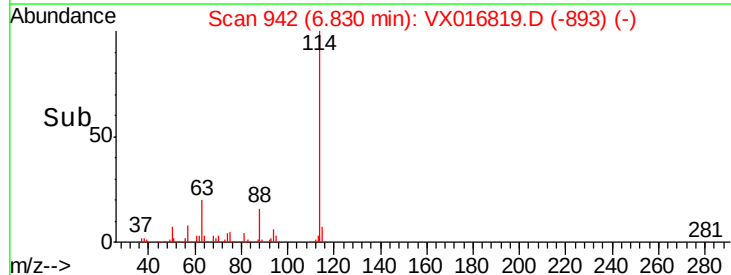
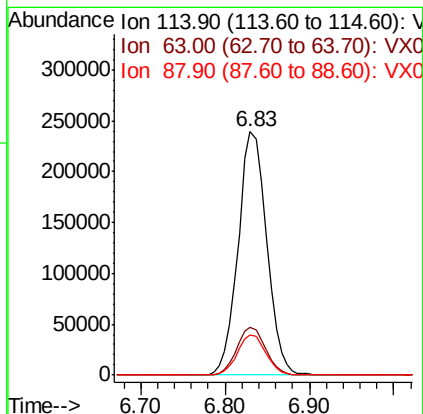
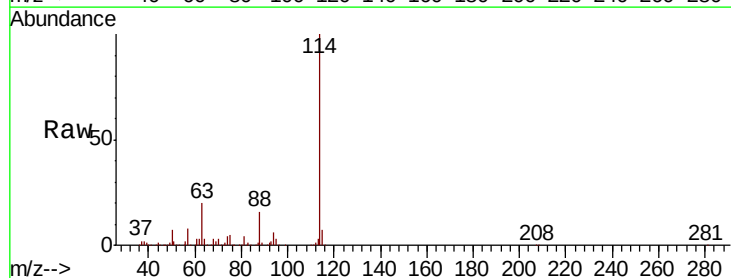
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0617WBS02

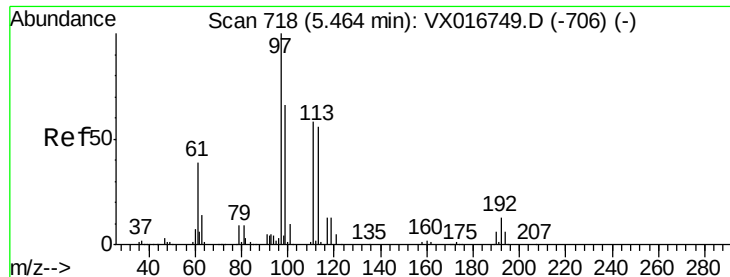
Tot Ion: 65 Resp: 158175
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX016819.D
 Acq: 17 Jun 2020 16:14

Tgt Ion: 114 Resp: 549235
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 38.8
 88 16.3 0.0 33.4





#35

Dibromofluoromethane

Concen: 38.496 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX016819.D

Acq: 17 Jun 2020 16:14

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS02

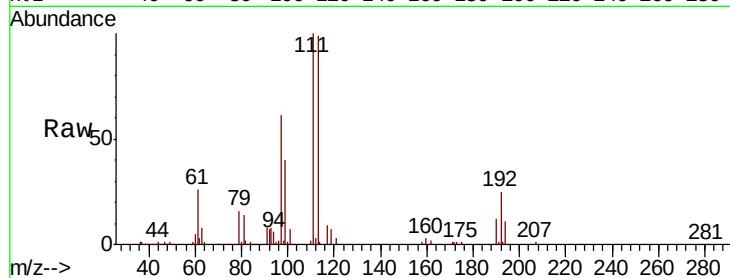
Tot Ion:113 Resp: 130450

Ion Ratio Lower Upper

113 100

111 100.9 81.8 122.6

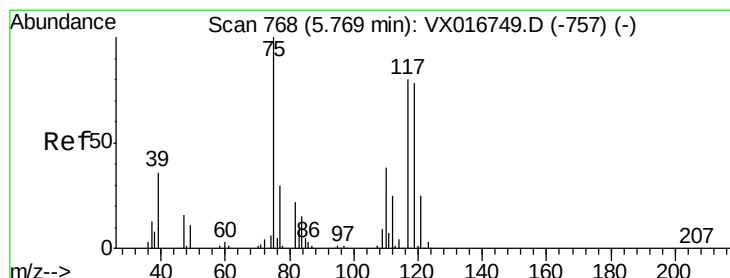
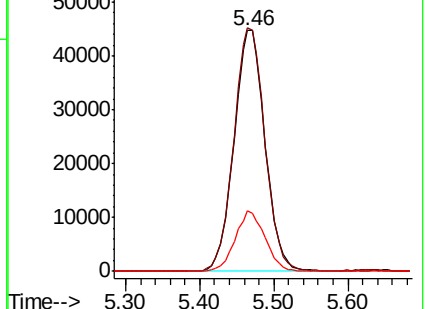
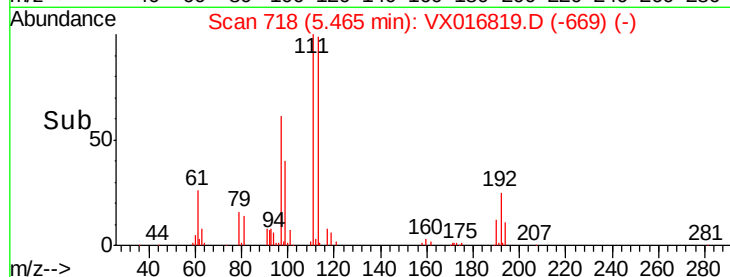
192 24.0 18.2 27.4



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: 14.312 ug/l

RT: 5.77 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX016819.D

Acq: 17 Jun 2020 16:14

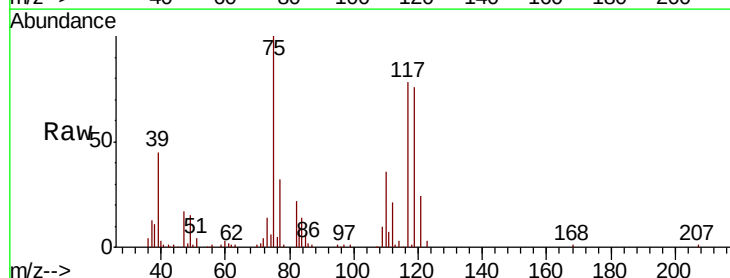
Tgt Ion: 75 Resp: 69465

Ion Ratio Lower Upper

75 100

110 37.5 18.4 55.2

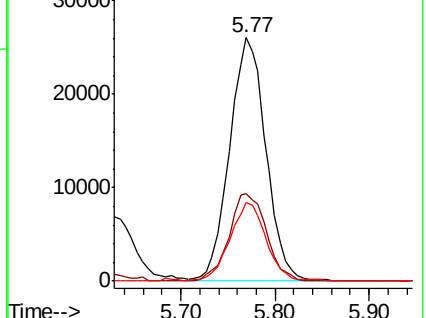
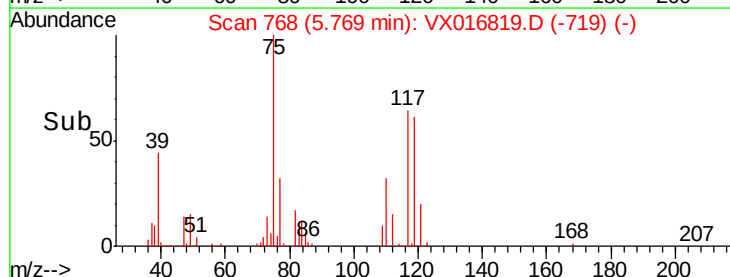
77 32.3 24.7 37.1

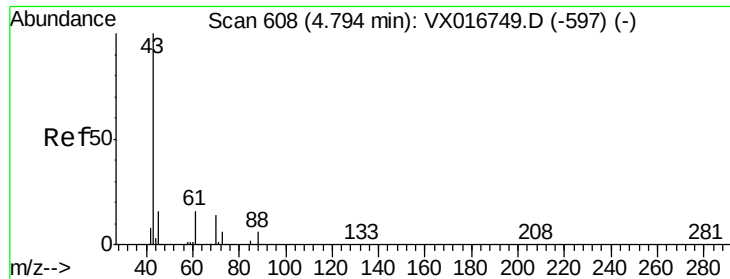


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

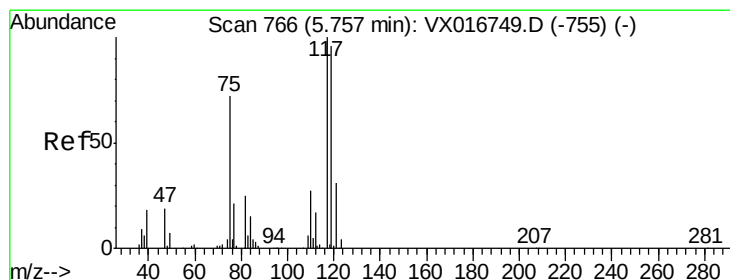
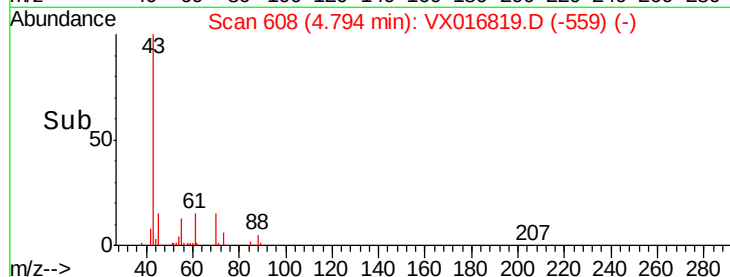
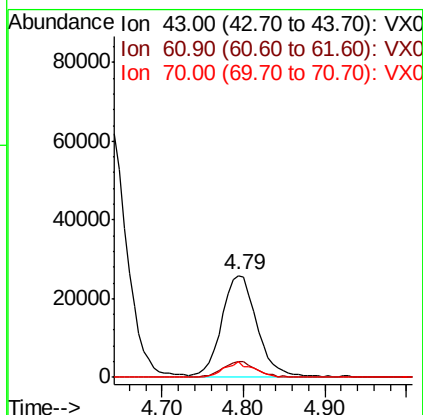
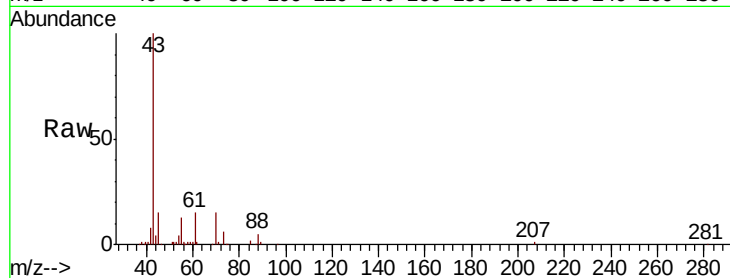




#37
Ethyl Acetate
Concen: 14.371 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX016819.D
Acq: 17 Jun 2020 16:14

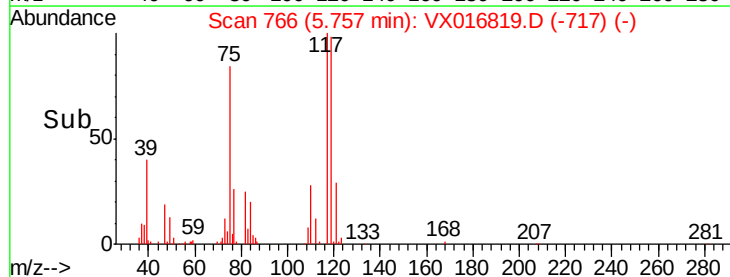
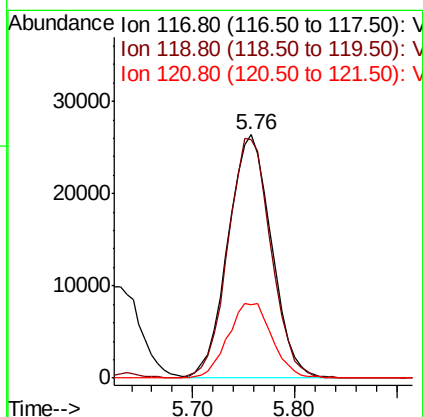
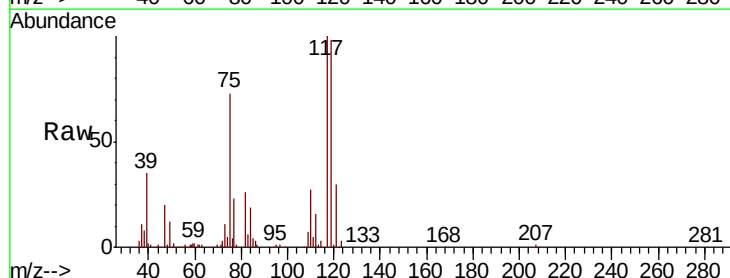
Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS02

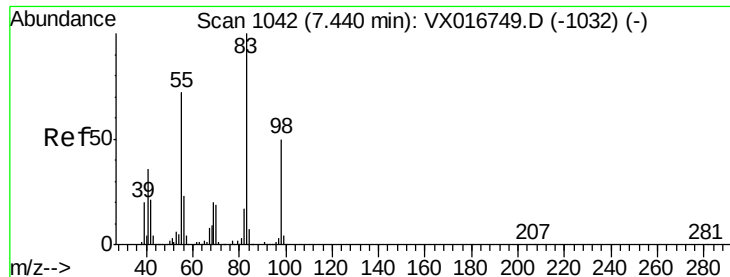
Tot Ion: 43 Resp: 76386
Ion Ratio Lower Upper
43 100
61 15.5 12.4 18.6
70 13.3 10.8 16.2



#38
Carbon Tetrachloride
Concen: 14.168 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX016819.D
Acq: 17 Jun 2020 16:14

Tgt Ion: 117 Resp: 78100
Ion Ratio Lower Upper
117 100
119 97.6 76.7 115.1
121 30.0 24.7 37.1

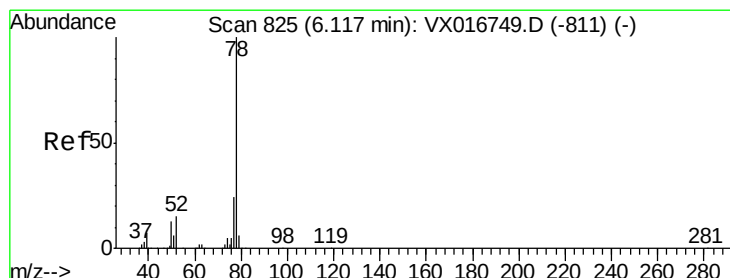
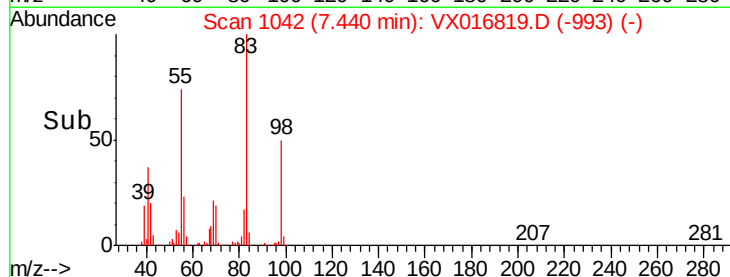
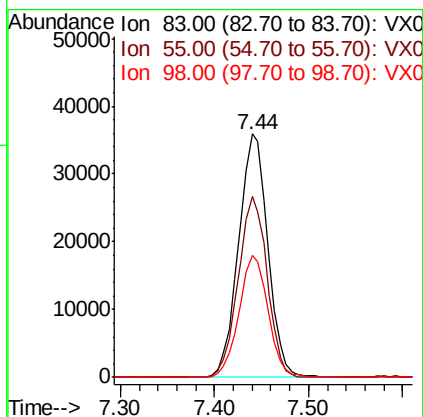
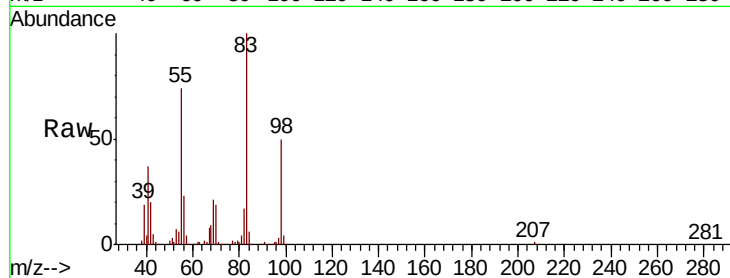




#39
Methylvlcyclohexane
Concen: 14.549 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX016819.D
Acq: 17 Jun 2020 16:14

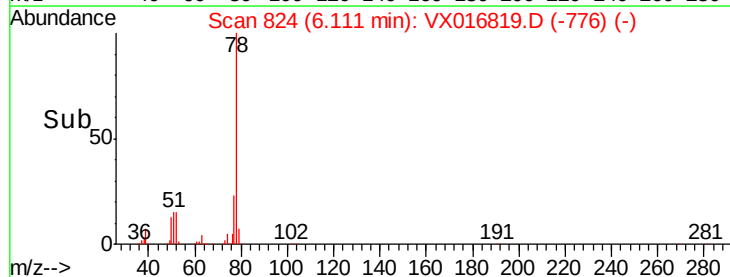
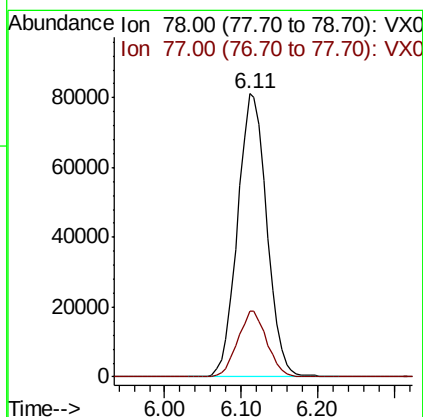
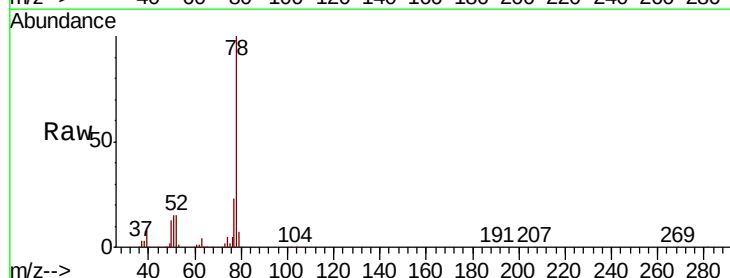
Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS02

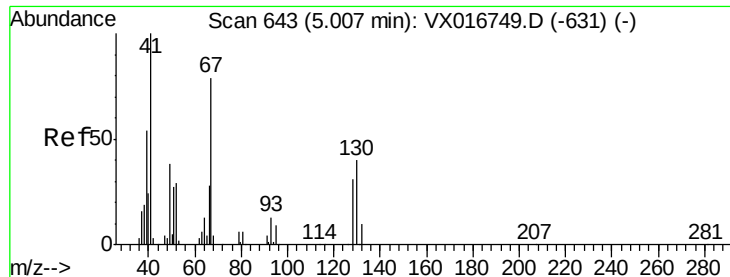
Tot Ion: 83 Resp: 78009
Ion Ratio Lower Upper
83 100
55 74.2 57.3 85.9
98 50.4 40.3 60.5



#40
Benzene
Concen: 14.585 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016819.D
Acq: 17 Jun 2020 16:14

Tgt Ion: 78 Resp: 215533
Ion Ratio Lower Upper
78 100
77 23.3 19.0 28.4

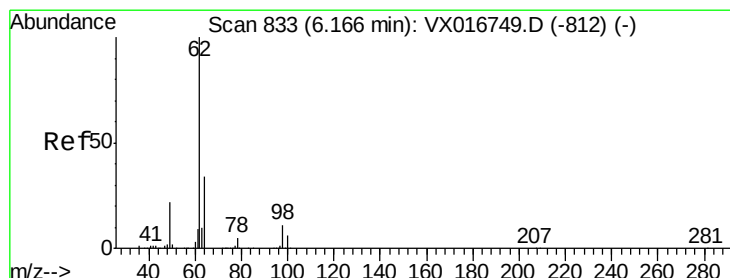
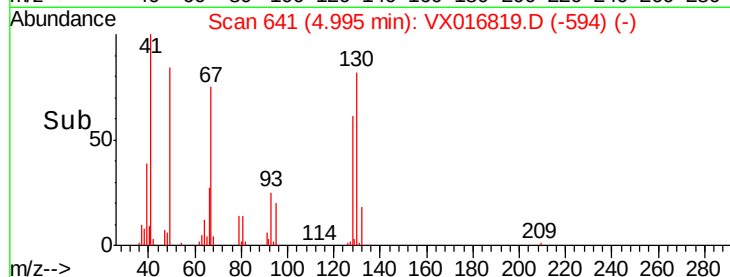
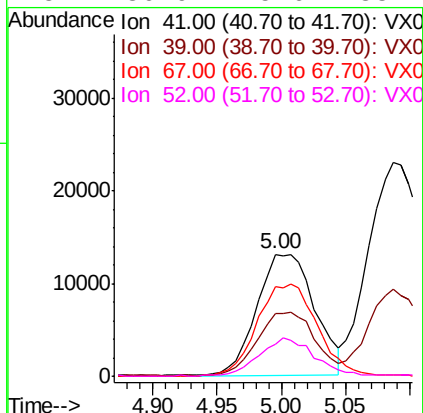
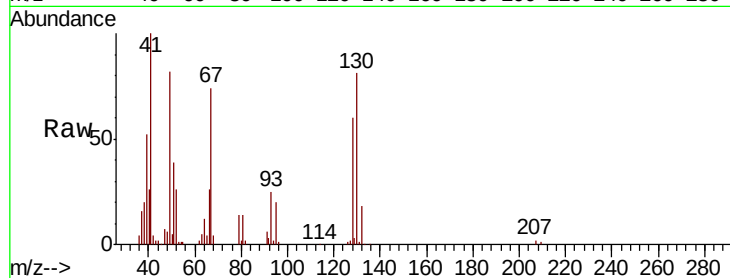




#41
Methacrylonitrile
Concen: 14.492 ug/l
RT: 5.00 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX016819.D
Acq: 17 Jun 2020 16:14

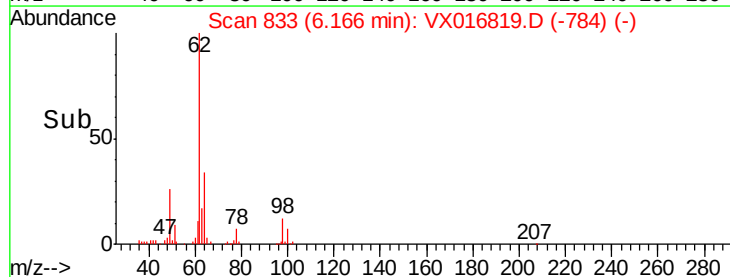
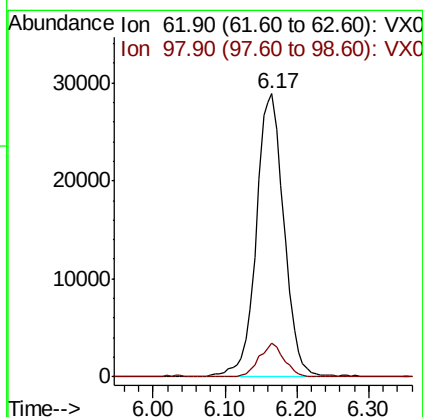
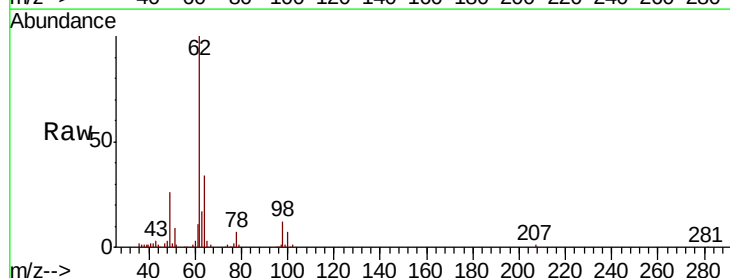
Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS02

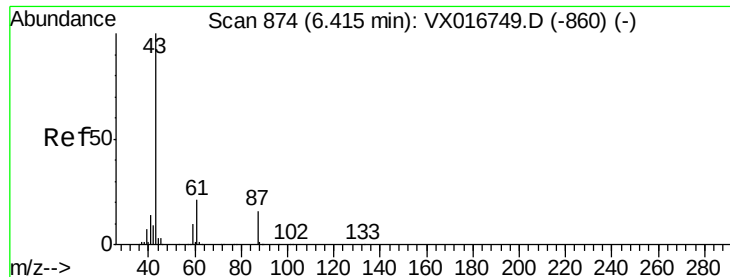
Tot Ion:	41	Resp:	41072
Ion	Ratio	Lower	Upper
41	100		
39	53.2	43.7	65.5
67	79.1	64.6	96.8
52	30.9	25.6	38.4



#42
1,2-Dichloroethane
Concen: 14.311 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX016819.D
Acq: 17 Jun 2020 16:14

Tgt Ion:	62	Resp:	77190
Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	20.2





#43

Isopropyl Acetate

Concen: 16.896 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.00 min

Lab File: VX016819.D

Acq: 17 Jun 2020 16:14

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS02

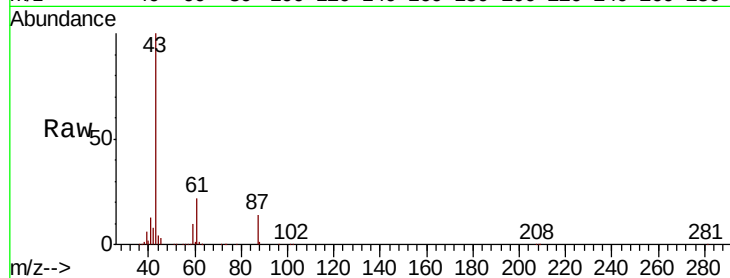
Tot Ion: 43 Resp: 140759

Ion Ratio Lower Upper

43 100

61 21.9 17.7 26.5

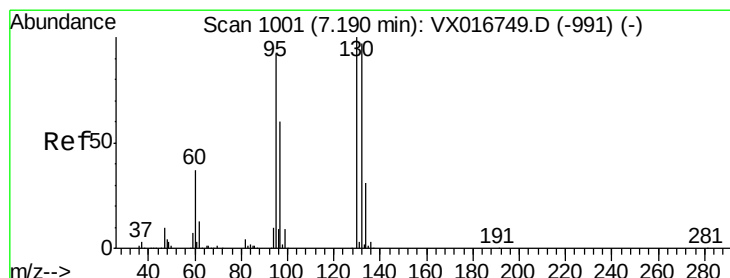
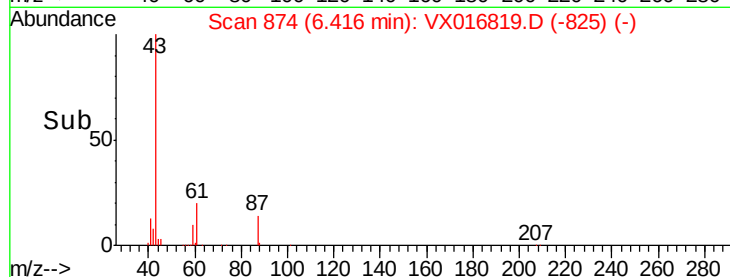
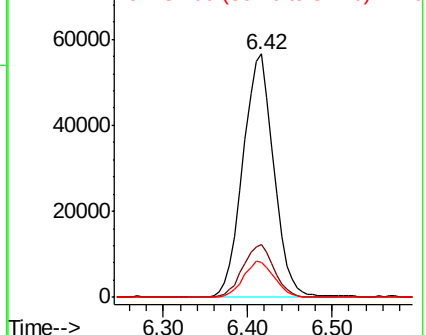
87 15.0 12.5 18.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 16.993 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX016819.D

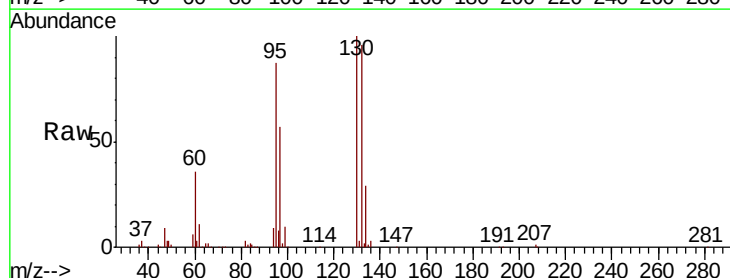
Acq: 17 Jun 2020 16:14

Tgt Ion:130 Resp: 77679

Ion Ratio Lower Upper

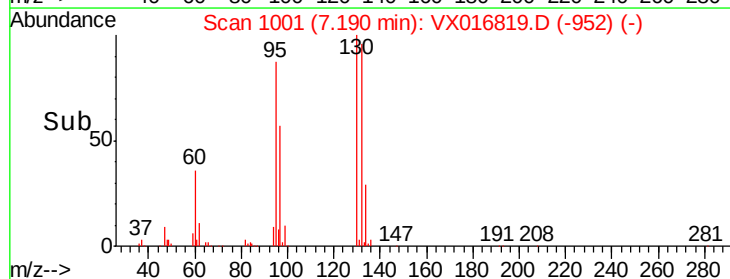
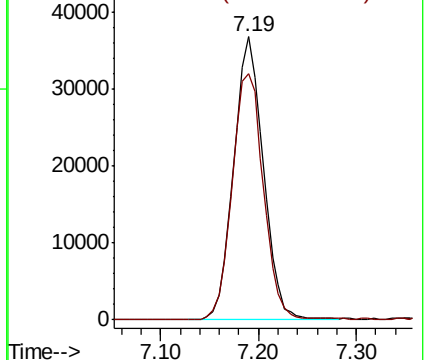
130 100

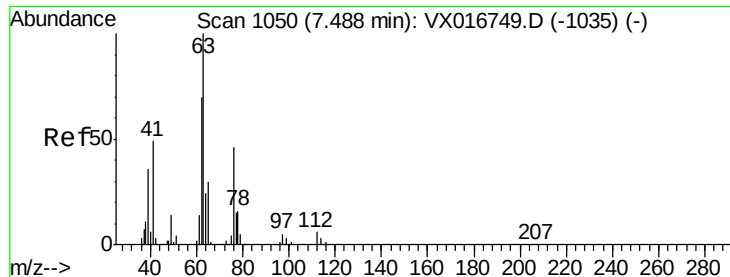
95 87.1 0.0 183.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 14.353 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX016819.D

Acq: 17 Jun 2020 16:14

Instrument :

MSVOA_X

ClientSampleId :

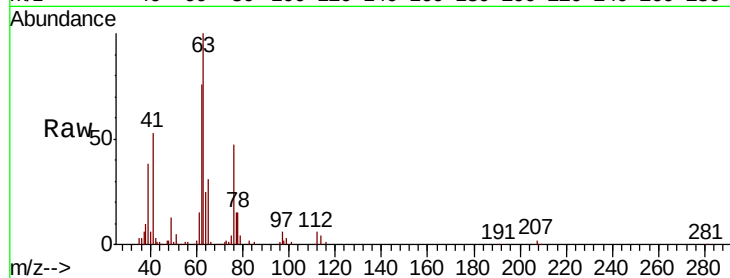
VX0617WBS02

Tot Ion: 63 Resp: 51996

Ion Ratio Lower Upper

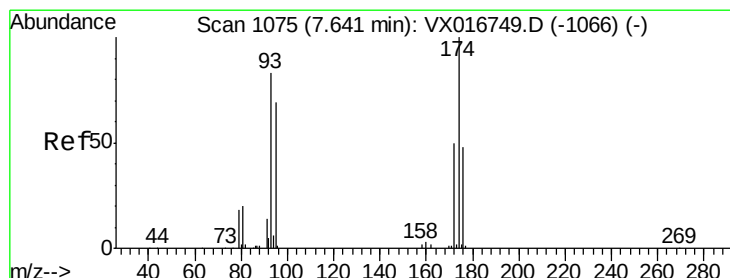
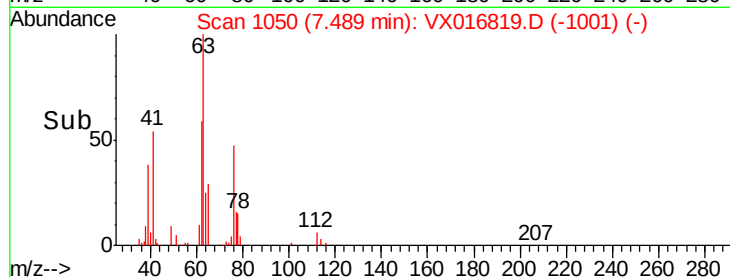
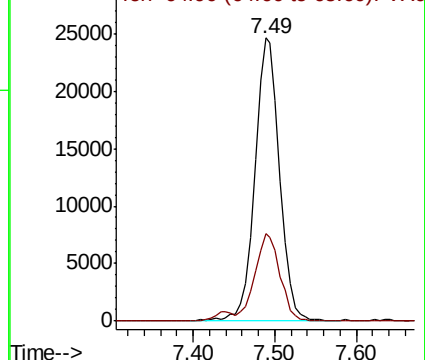
63 100

65 30.9 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: 14.013 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VX016819.D

Acq: 17 Jun 2020 16:14

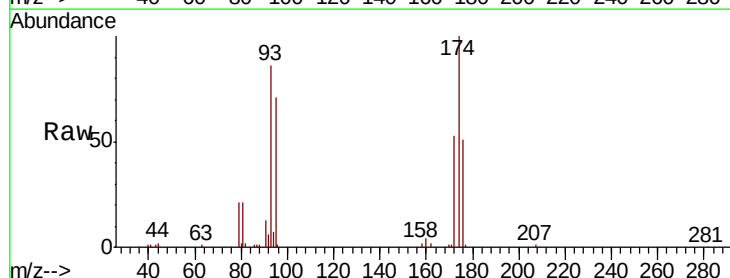
Tgt Ion: 93 Resp: 36998

Ion Ratio Lower Upper

93 100

95 82.3 66.9 100.3

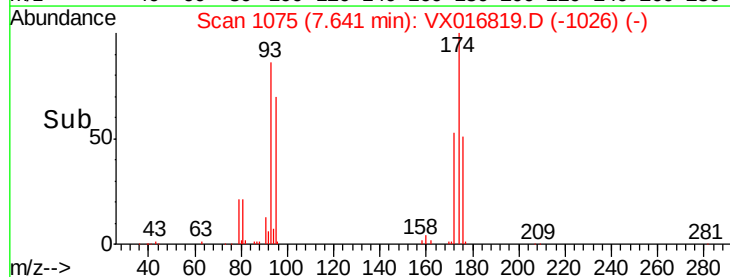
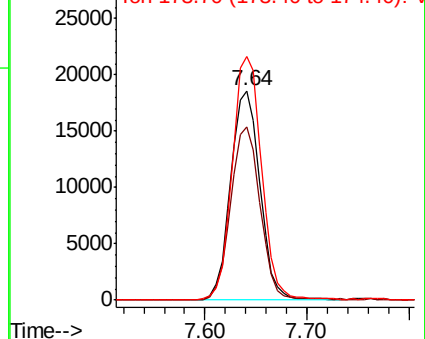
174 116.0 93.8 140.8

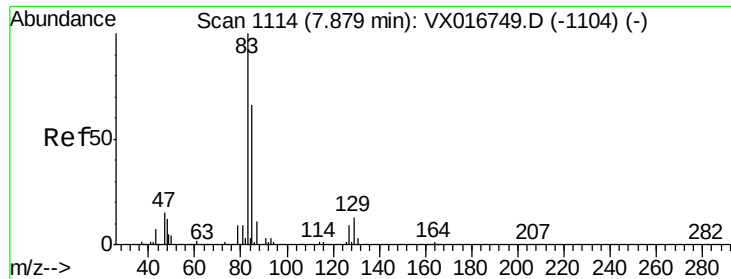


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 13.704 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016819.D

Acq: 17 Jun 2020 16:14

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS02

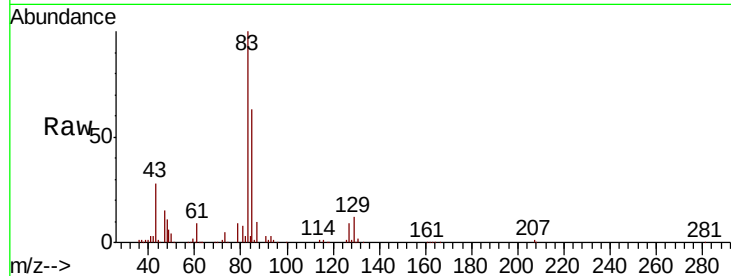
Tot Ion: 83 Resp: 75433

Ion Ratio Lower Upper

83 100

85 62.7 52.5 78.7

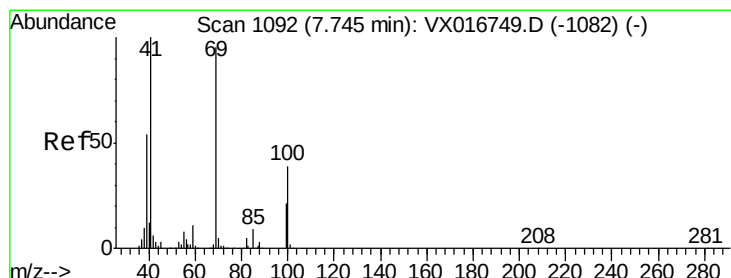
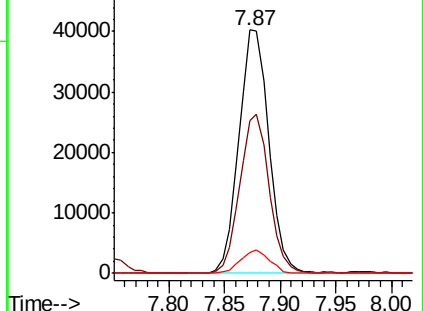
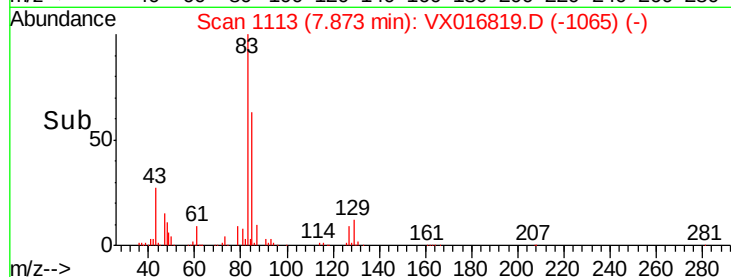
127 8.6 7.5 11.3



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: 14.299 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VX016819.D

Acq: 17 Jun 2020 16:14

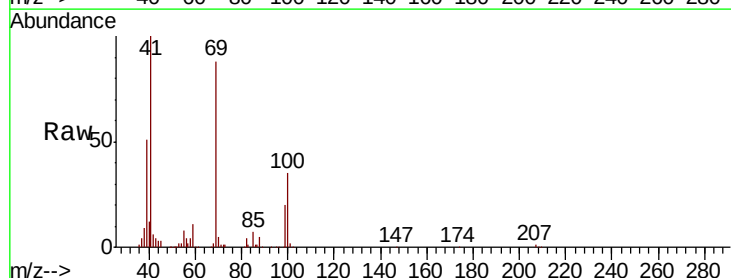
Tgt Ion: 41 Resp: 56460

Ion Ratio Lower Upper

41 100

69 93.6 75.0 112.6

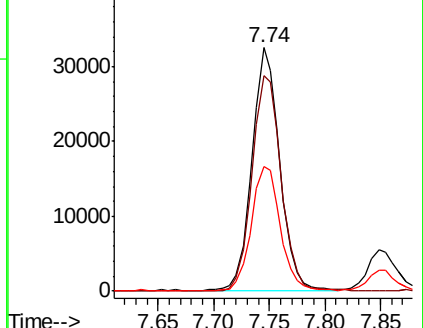
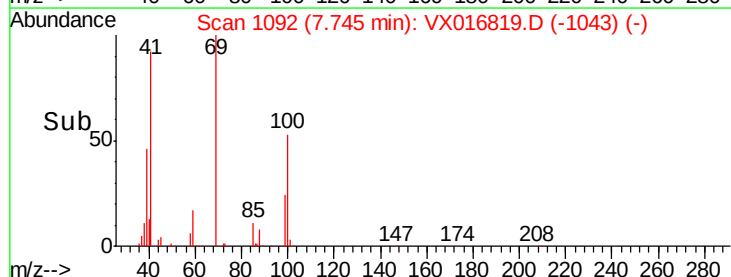
39 54.0 44.3 66.5

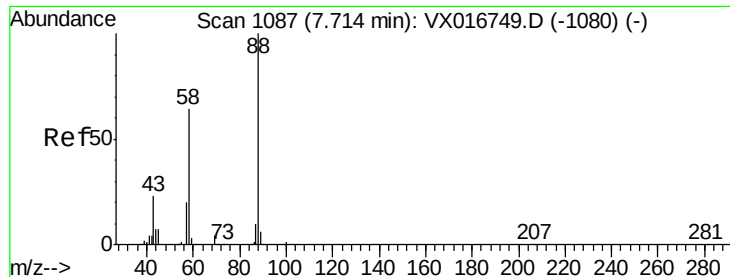


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

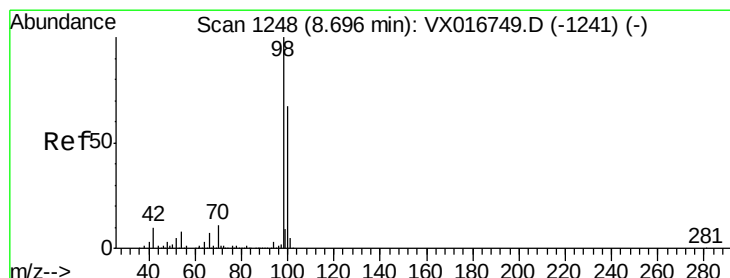
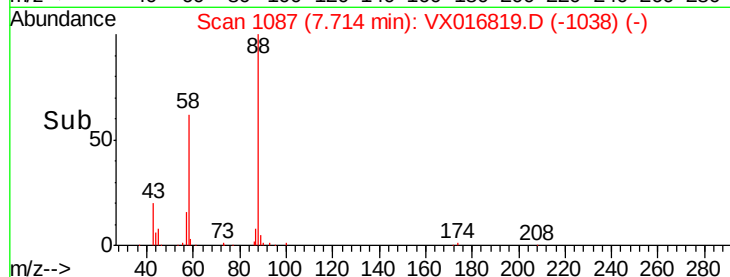
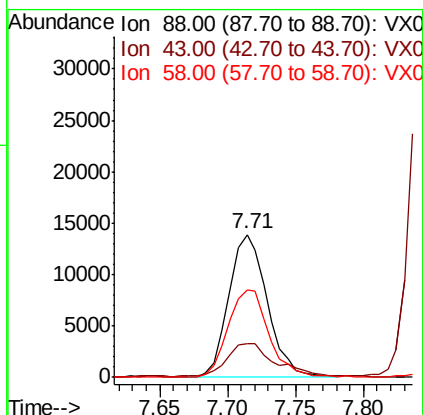
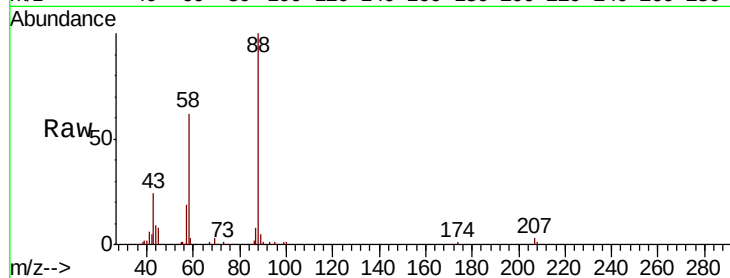




#49
1,4-Dioxane
Concen: 280.331 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX016819.D
Acq: 17 Jun 2020 16:14

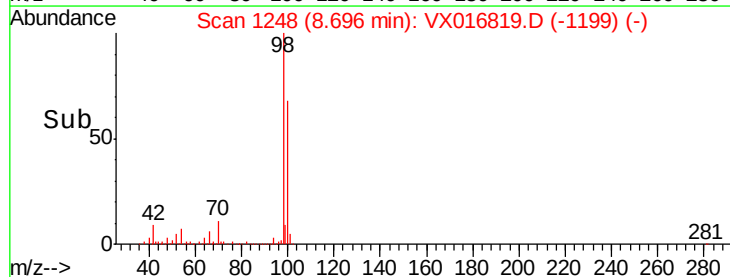
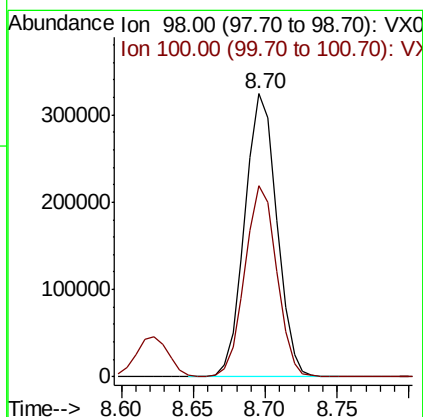
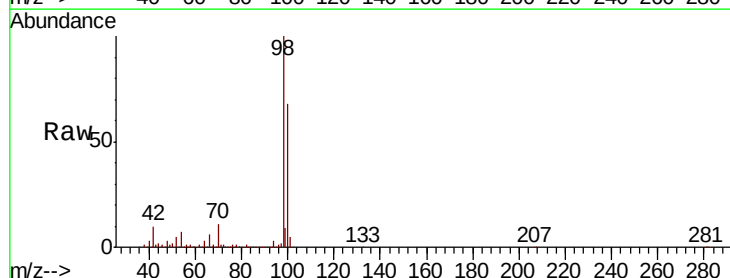
Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS02

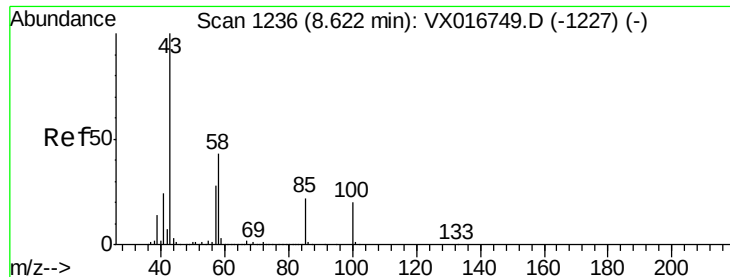
Tot Ion: 88 Resp: 27392
Ion Ratio Lower Upper
88 100
43 29.5 22.9 34.3
58 65.5 53.7 80.5



#50
Toluene-d8
Concen: 40.003 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX016819.D
Acq: 17 Jun 2020 16:14

Tgt Ion: 98 Resp: 499838
Ion Ratio Lower Upper
98 100
100 66.6 53.9 80.9

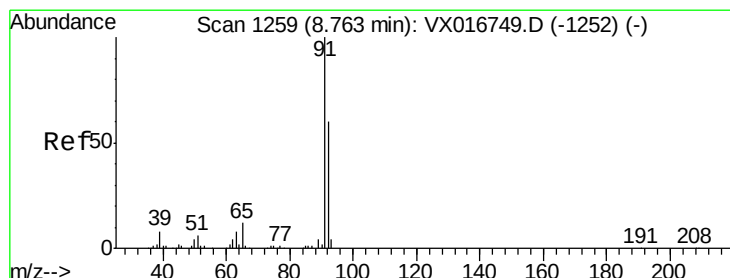
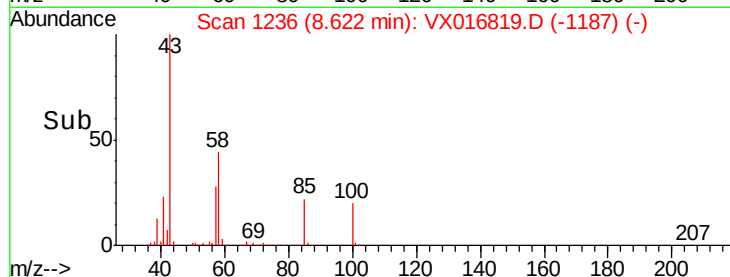
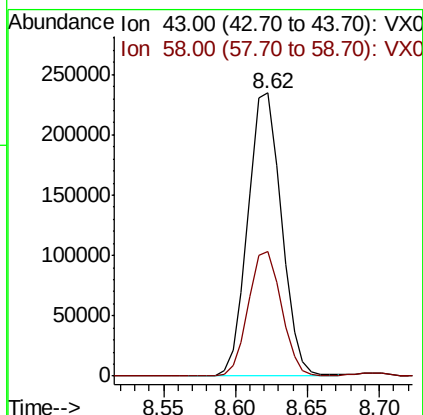
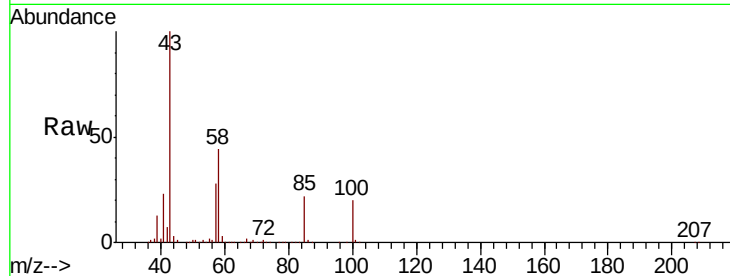




#51
 4-Methyl-2-Pentanone
 Concen: 73.841 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: VX016819.D
 Acq: 17 Jun 2020 16:14

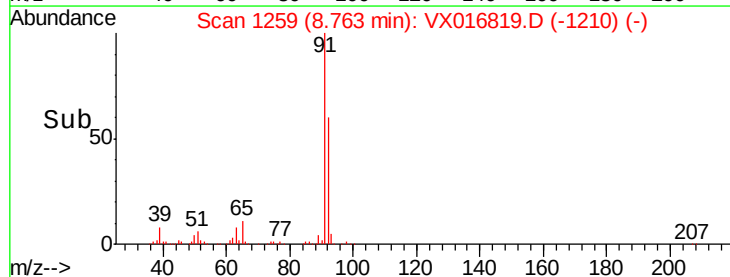
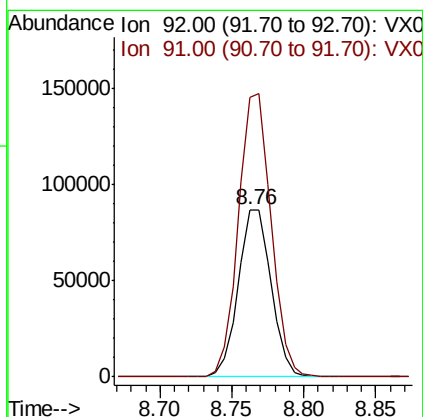
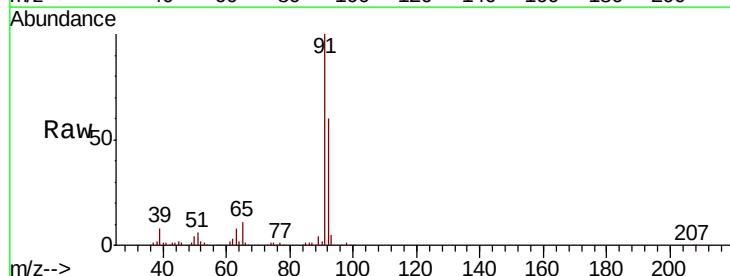
Instrument :
 MSVOA_X
 ClientSampled :
 VX0617WBS02

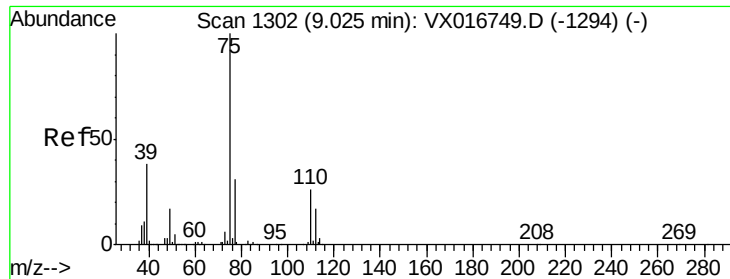
Tot Ion: 43 Resp: 379060
 Ion Ratio Lower Upper
 43 100
 58 43.4 34.6 52.0



#52
 Toluene
 Concen: 14.442 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. 0.00 min
 Lab File: VX016819.D
 Acq: 17 Jun 2020 16:14

Tgt Ion: 92 Resp: 138632
 Ion Ratio Lower Upper
 92 100
 91 167.9 136.1 204.1





#53

t-1,3-Dichloropropene

Concen: 13.833 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX016819.D

Acq: 17 Jun 2020 16:14

Instrument :

MSVOA_X

ClientSampleId :

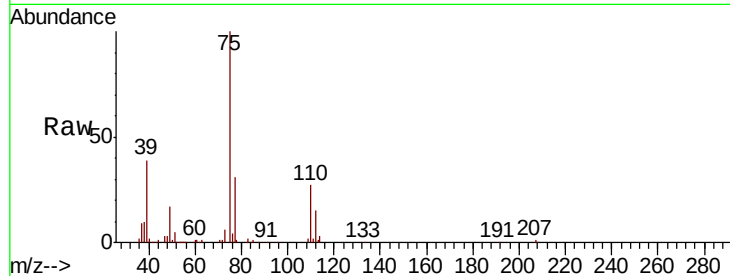
VX0617WBS02

Tot Ion: 75 Resp: 86006

Ion Ratio Lower Upper

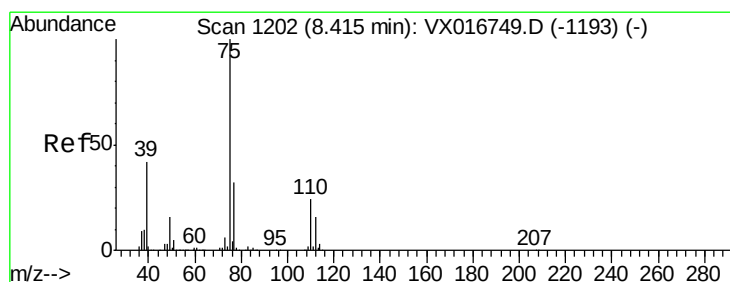
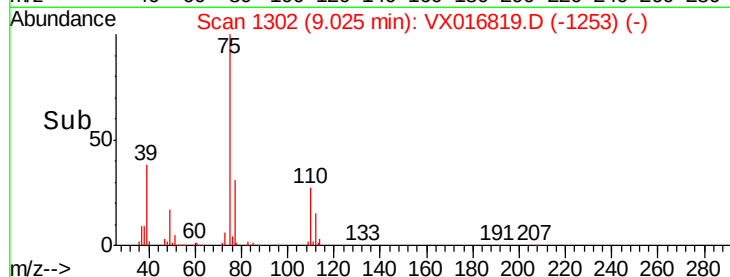
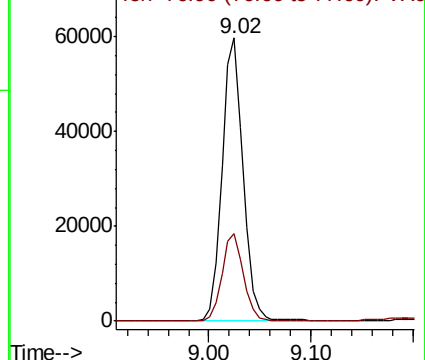
75 100

77 30.9 24.7 37.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 14.112 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX016819.D

Acq: 17 Jun 2020 16:14

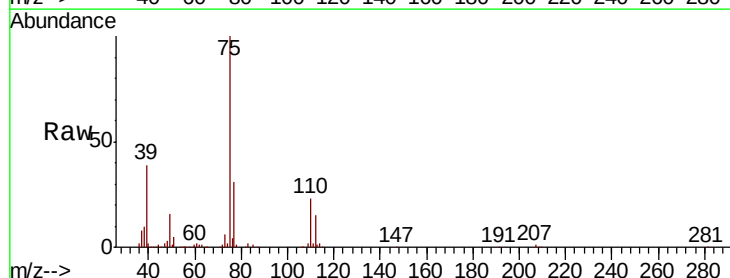
Tgt Ion: 75 Resp: 91522

Ion Ratio Lower Upper

75 100

77 30.8 25.3 37.9

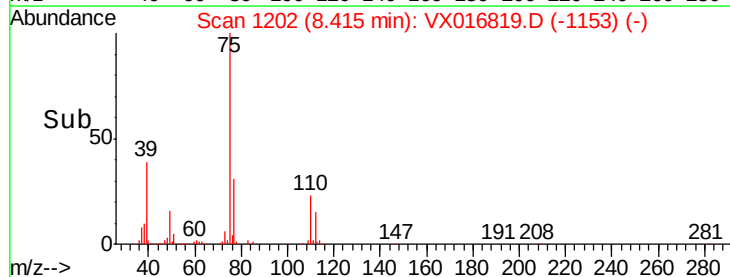
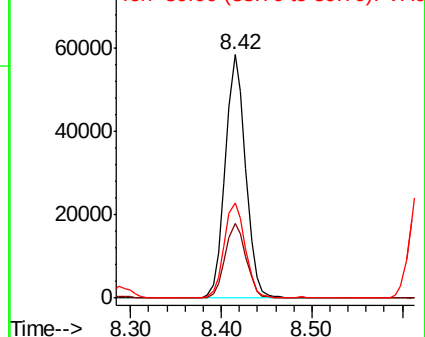
39 39.1 33.7 50.5

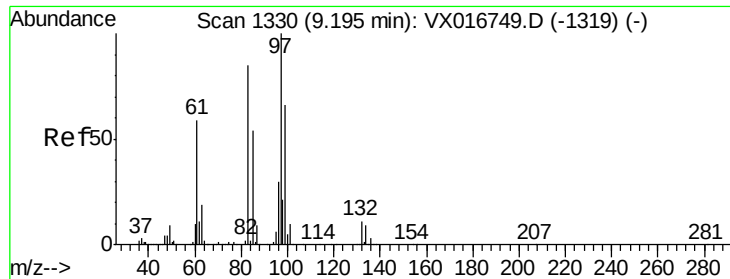


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

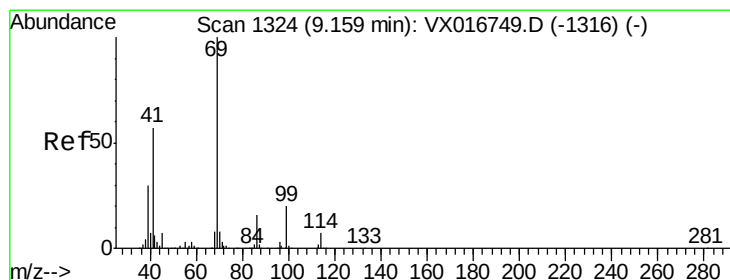
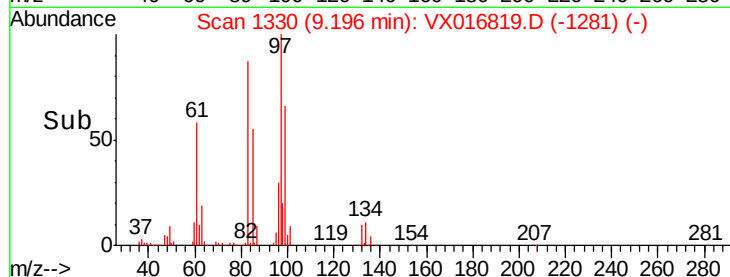
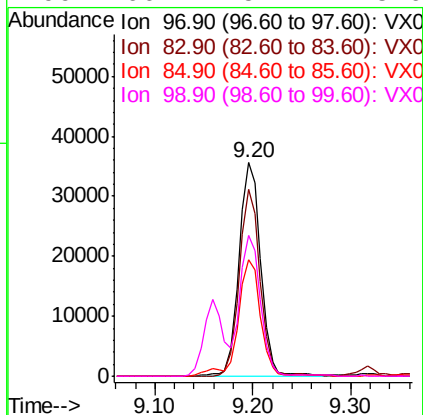
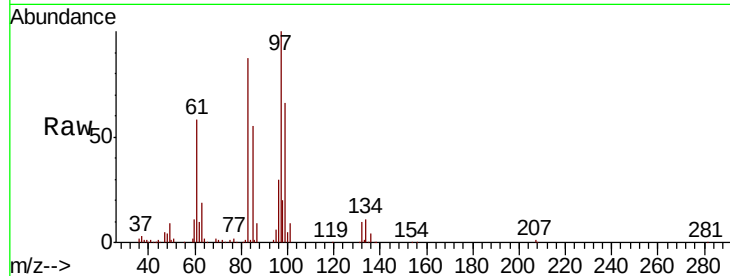




#55
 1,1,2-Trichloroethane
 Concen: 14.223 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX016819.D
 Acq: 17 Jun 2020 16:14

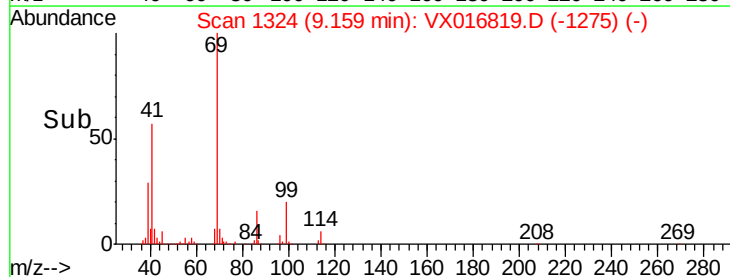
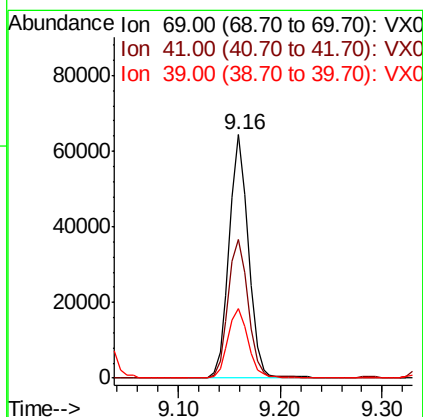
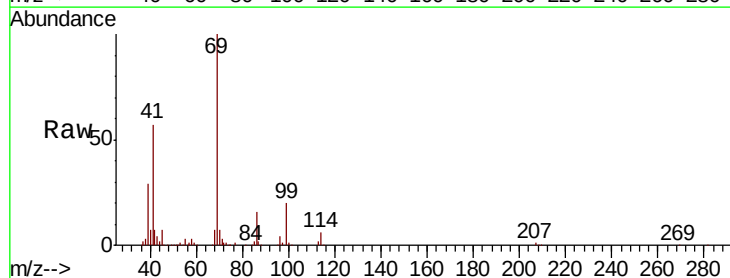
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0617WBS02

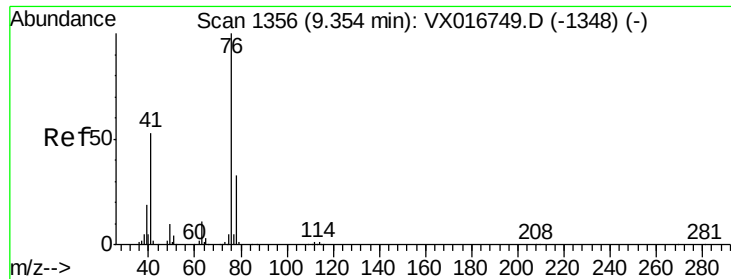
Tot Ion:	97	Resp:	54908
Ion	Ratio	Lower	Upper
97	100		
83	87.4	68.3	102.5
85	54.6	43.5	65.3
99	66.2	52.4	78.6



#56
 Ethyl methacrylate
 Concen: 14.569 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX016819.D
 Acq: 17 Jun 2020 16:14

Tgt Ion:	69	Resp:	84206
Ion	Ratio	Lower	Upper
69	100		
41	59.3	47.1	70.7
39	29.5	25.0	37.6

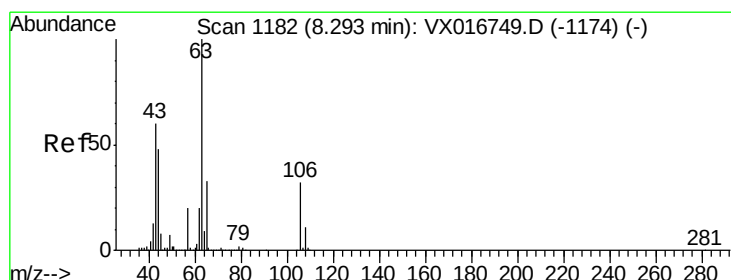
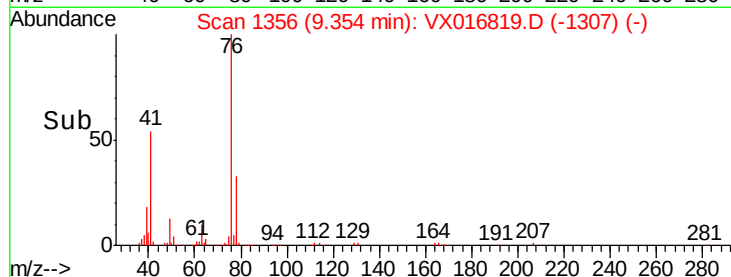
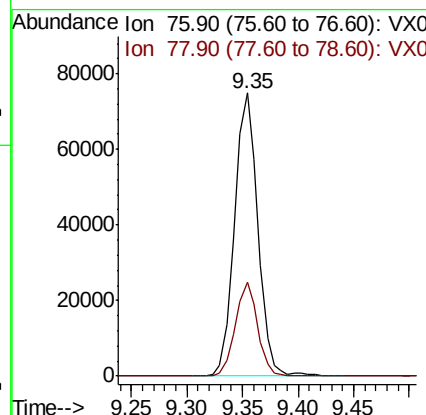
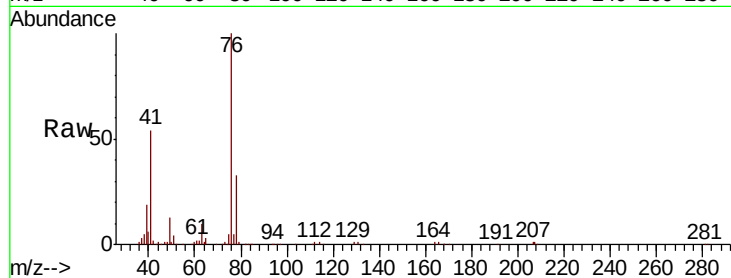




#57
 1,3-Dichloropropane
 Concen: 16.748 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. 0.00 min
 Lab File: VX016819.D
 Acq: 17 Jun 2020 16:14

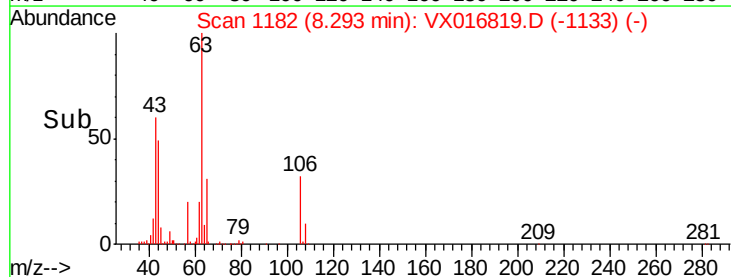
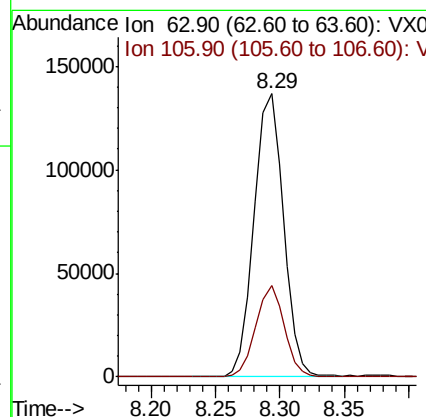
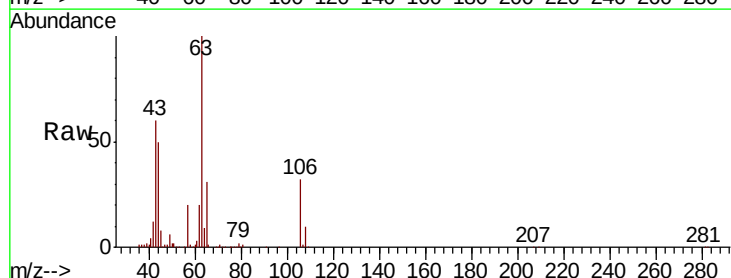
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0617WBS02

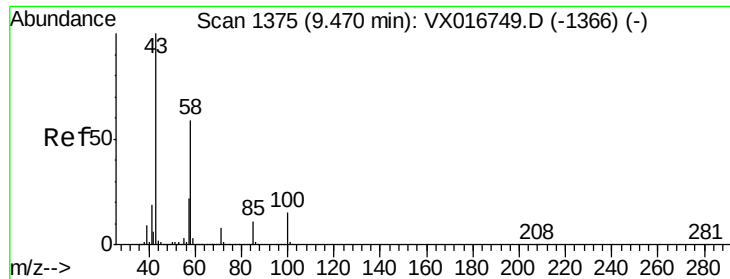
Tot Ion: 76 Resp: 108680
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 76.176 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VX016819.D
 Acq: 17 Jun 2020 16:14

Tgt Ion: 63 Resp: 216483
 Ion Ratio Lower Upper
 63 100
 106 31.2 25.5 38.3

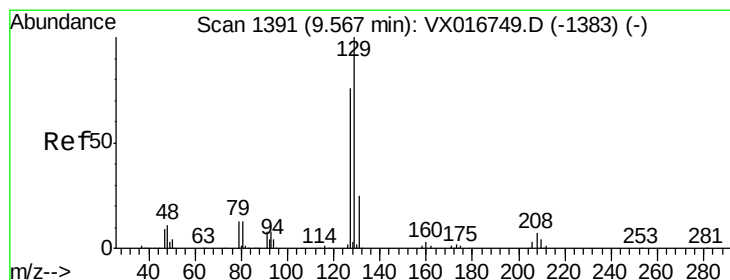
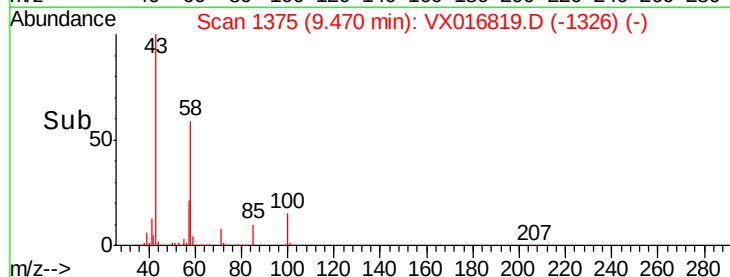
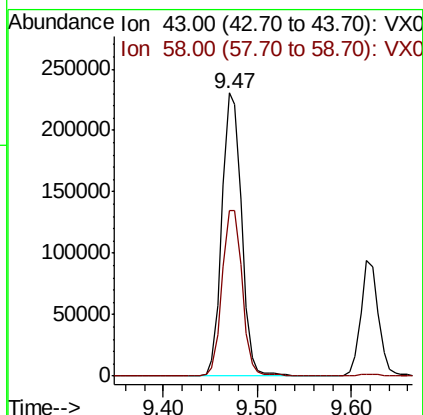
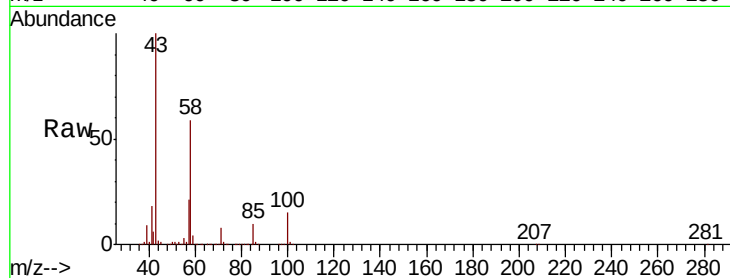




#59
2-Hexanone
Concen: 84.205 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX016819.D
Acq: 17 Jun 2020 16:14

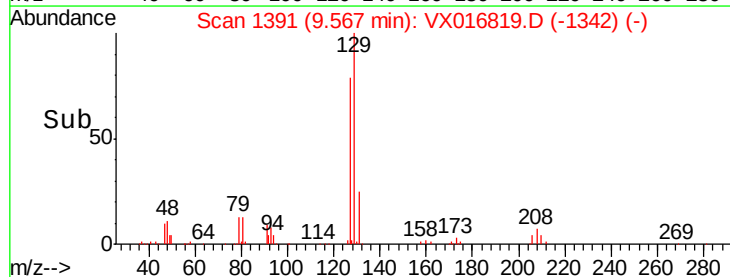
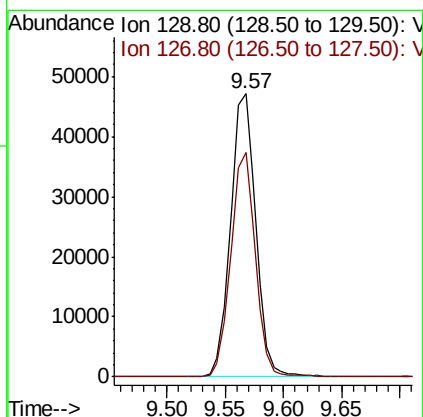
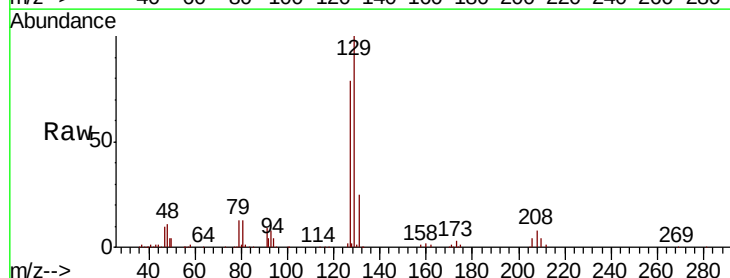
Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS02

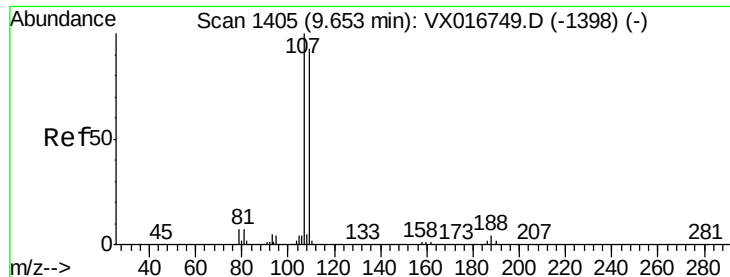
Tot Ion: 43 Resp: 333691
Ion Ratio Lower Upper
43 100
58 60.1 29.9 89.8



#60
Dibromochloromethane
Concen: 15.618 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX016819.D
Acq: 17 Jun 2020 16:14

Tgt Ion: 129 Resp: 71255
Ion Ratio Lower Upper
129 100
127 77.6 38.7 116.1





#61

1,2-Dibromoethane

Concen: 16.093 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX016819.D

Acq: 17 Jun 2020 16:14

Instrument :

MSVOA_X

ClientSampleId :

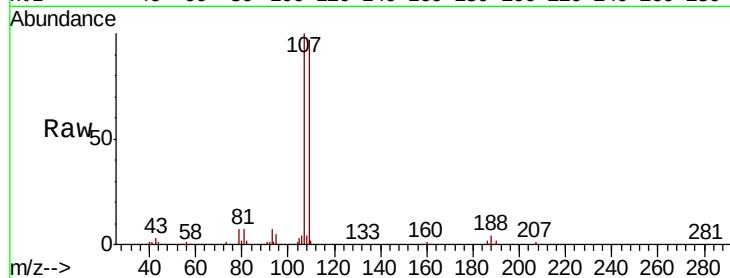
VX0617WBS02

Tot Ion:107 Resp: 67704

Ion Ratio Lower Upper

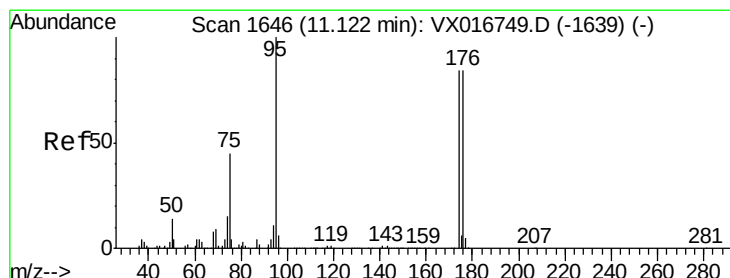
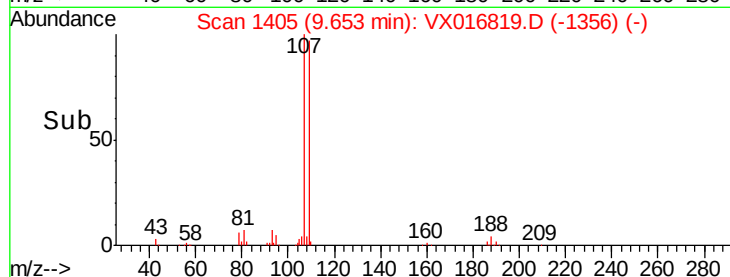
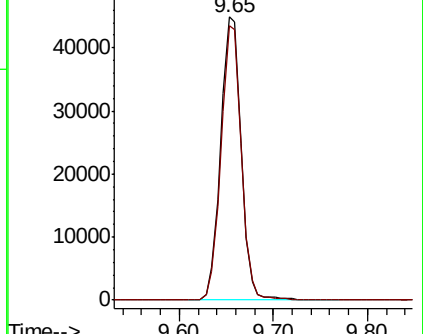
107 100

109 96.1 74.2 111.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 39.335 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016819.D

Acq: 17 Jun 2020 16:14

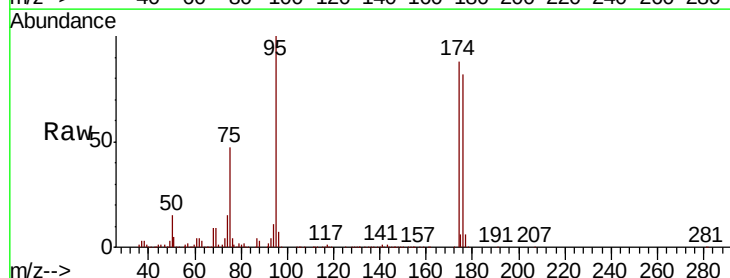
Tgt Ion: 95 Resp: 187996

Ion Ratio Lower Upper

95 100

174 86.1 0.0 171.0

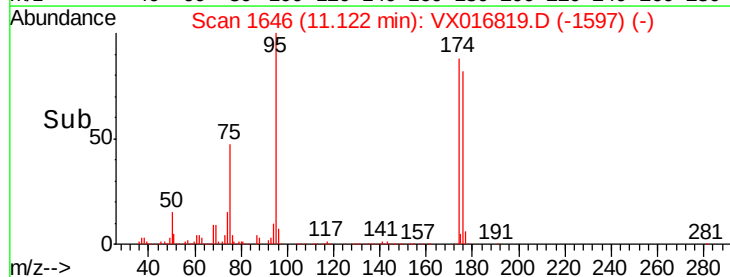
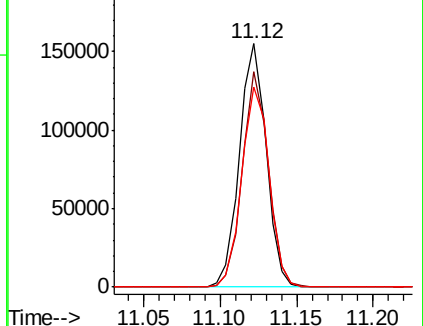
176 84.5 0.0 166.2

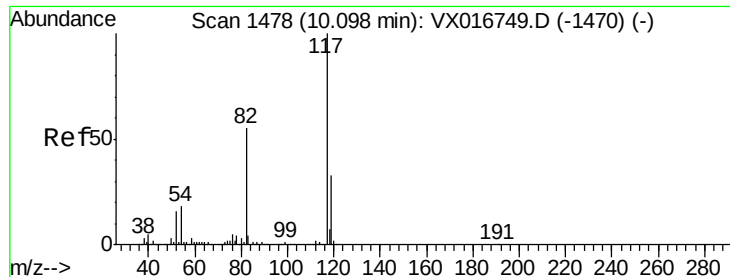


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

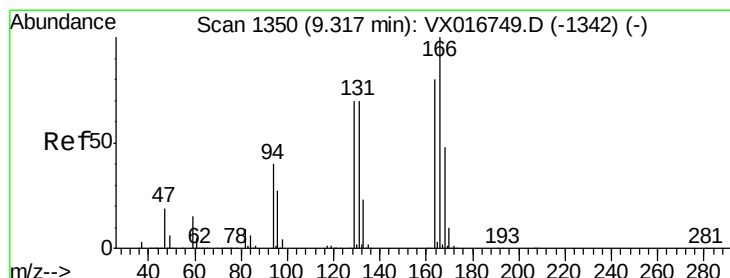
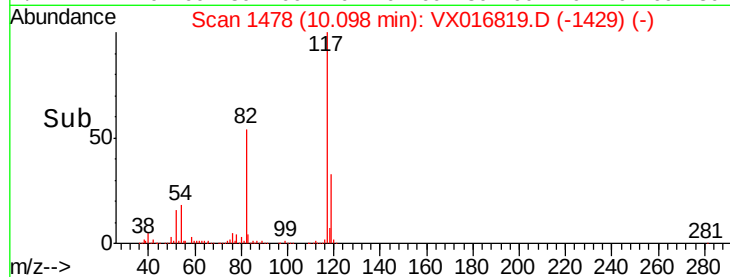
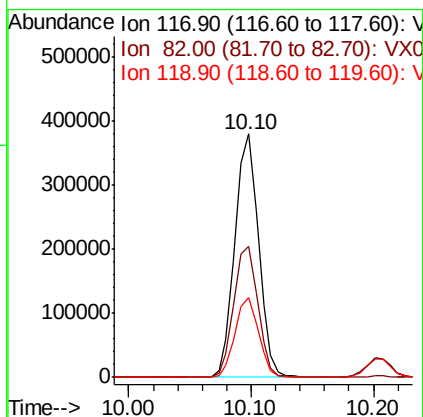
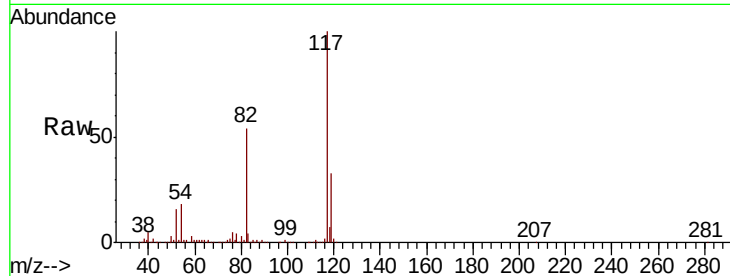




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016819.D
Acq: 17 Jun 2020 16:14

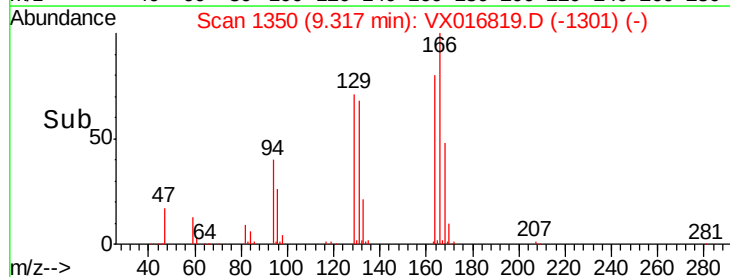
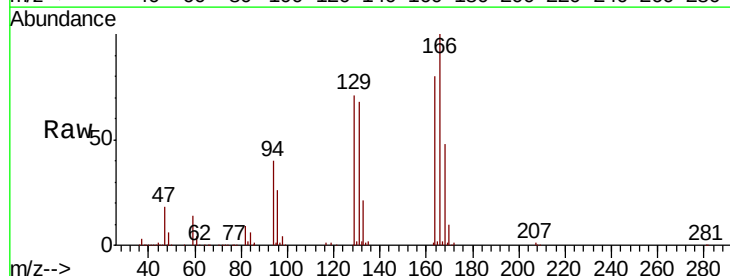
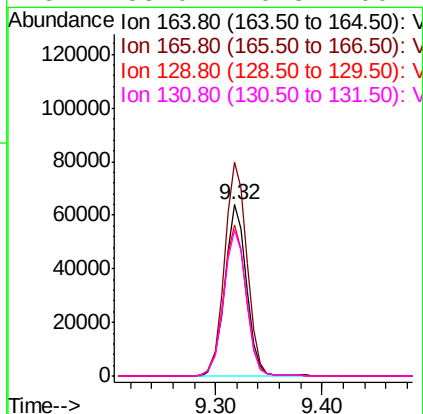
Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS02

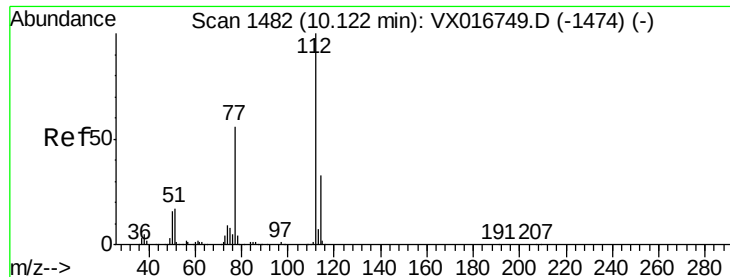
Tot Ion:117 Resp: 506527
Ion Ratio Lower Upper
117 100
82 53.8 43.8 65.6
119 32.9 26.2 39.4



#64
Tetrachloroethene
Concen: 18.802 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX016819.D
Acq: 17 Jun 2020 16:14

Tgt Ion:164 Resp: 91451
Ion Ratio Lower Upper
164 100
166 124.8 100.6 150.8
129 88.1 70.1 105.1
131 85.0 70.8 106.2

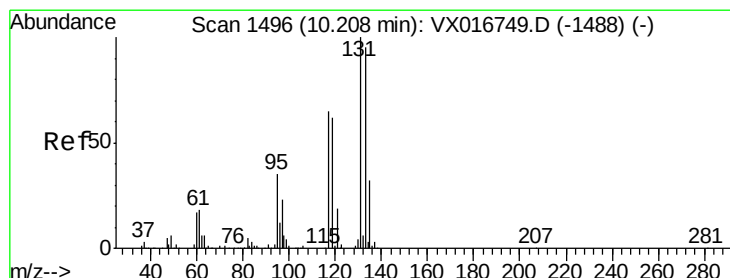
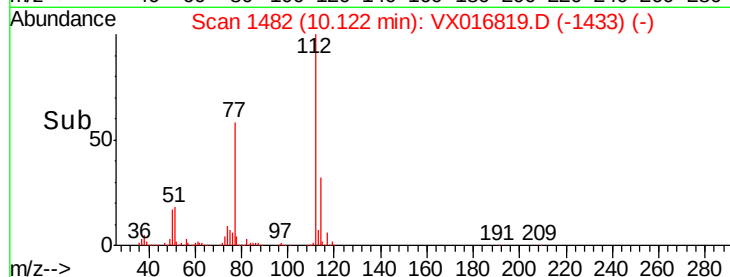
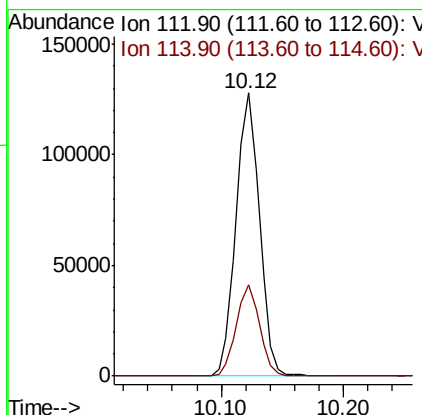
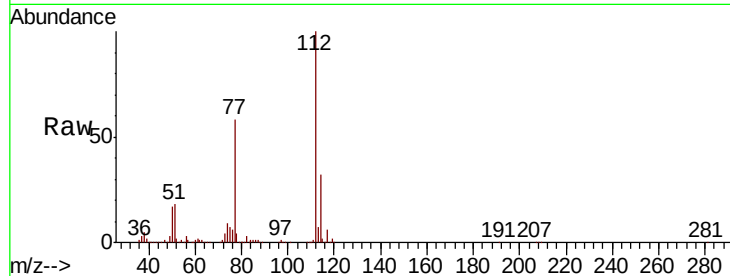




#65
Chlorobenzene
Concen: 16.509 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX016819.D
Acq: 17 Jun 2020 16:14

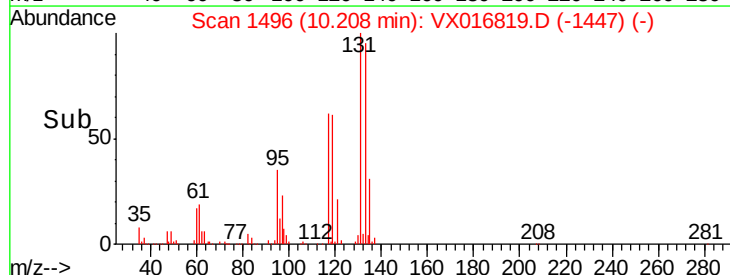
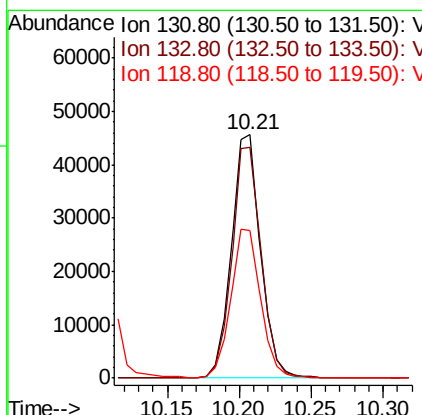
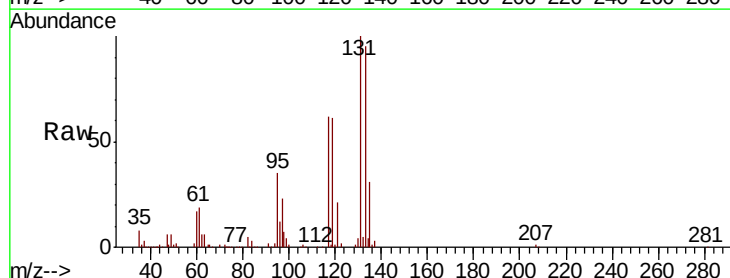
Instrument :
MSVOA_X
ClientSampled :
VX0617WBS02

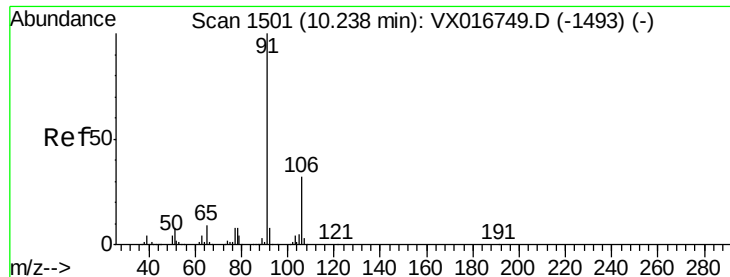
Tot Ion:112 Resp: 169678
Ion Ratio Lower Upper
112 100
114 32.4 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 15.741 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. 0.00 min
Lab File: VX016819.D
Acq: 17 Jun 2020 16:14

Tgt Ion:131 Resp: 64540
Ion Ratio Lower Upper
131 100
133 95.8 46.8 140.3
119 63.0 31.4 94.0





#67

Ethyl Benzene

Concen: 16.269 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX016819.D

Acq: 17 Jun 2020 16:14

Instrument :

MSVOA_X

ClientSampleId :

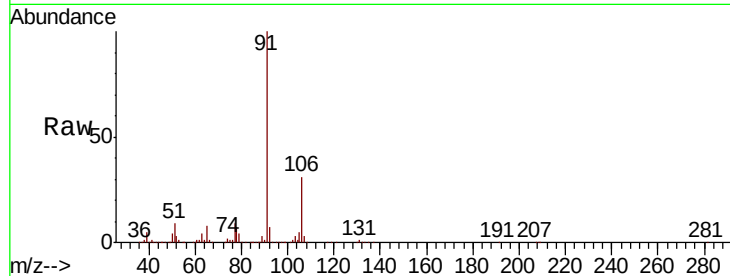
VX0617WBS02

Tot Ion: 91 Resp: 282675

Ion Ratio Lower Upper

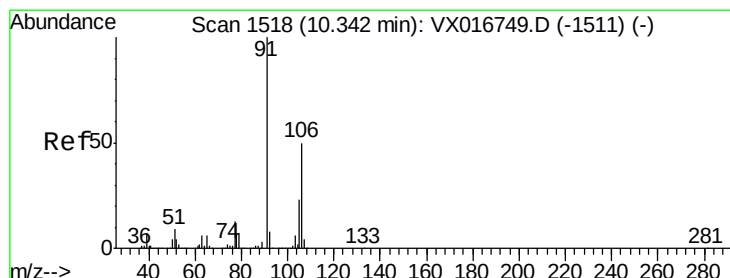
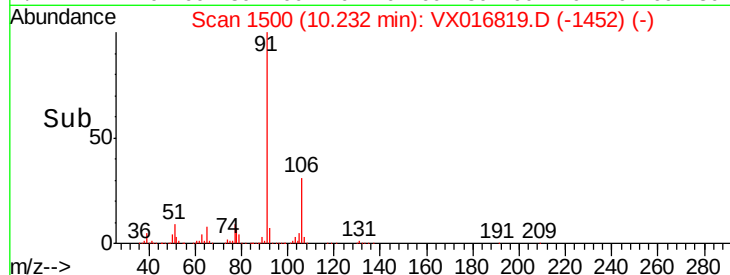
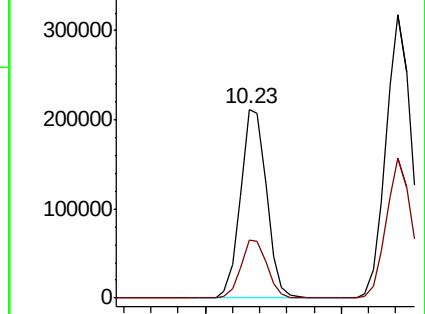
91 100

106 30.8 25.3 37.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 31.118 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX016819.D

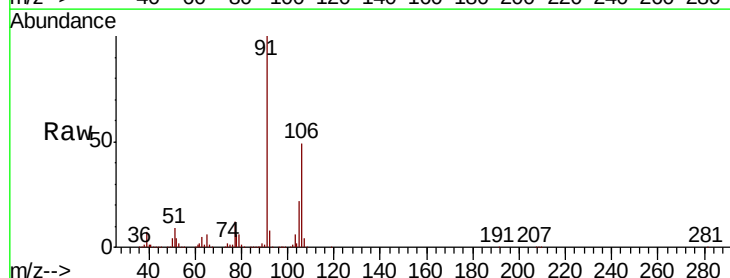
Acq: 17 Jun 2020 16:14

Tgt Ion: 106 Resp: 205002

Ion Ratio Lower Upper

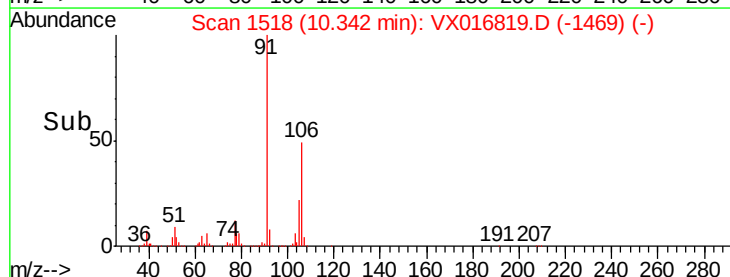
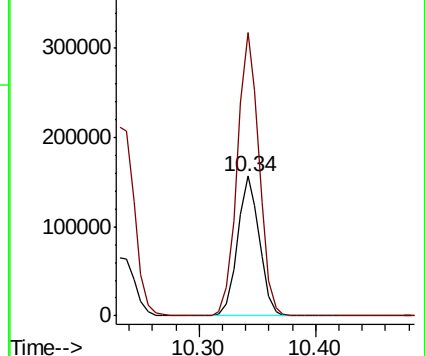
106 100

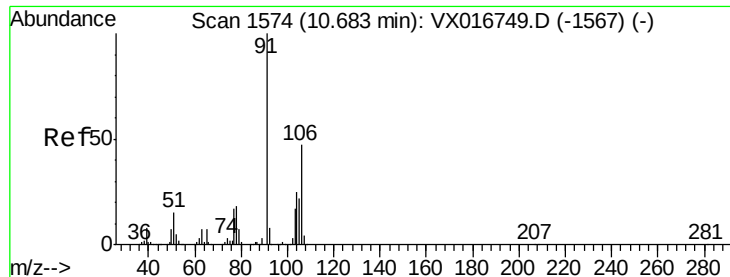
91 202.8 161.2 241.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

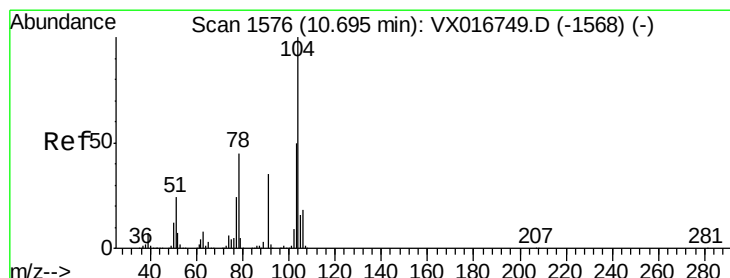
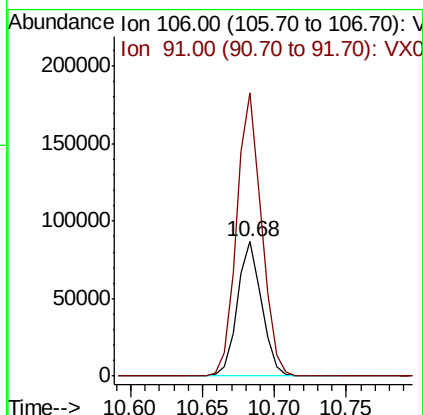
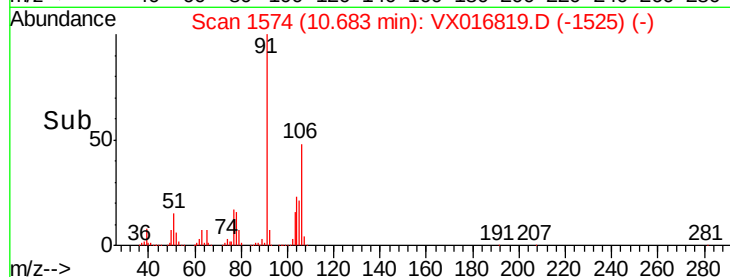
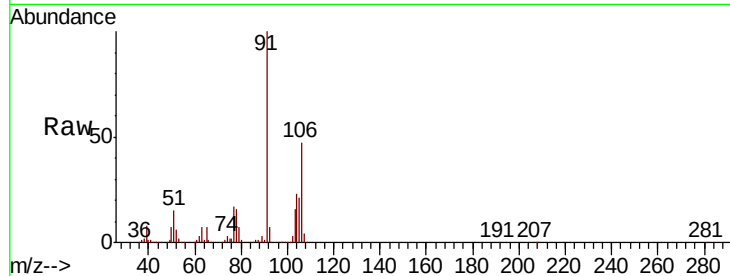




#69
o-Xylene
Concen: 16.126 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX016819.D
Acq: 17 Jun 2020 16:14

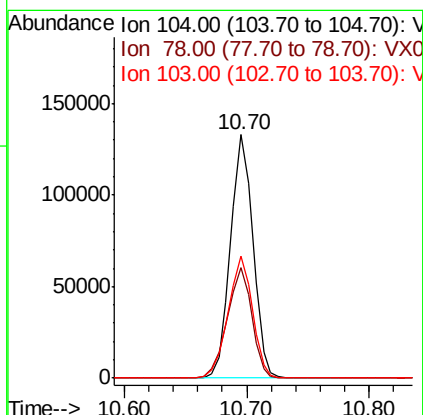
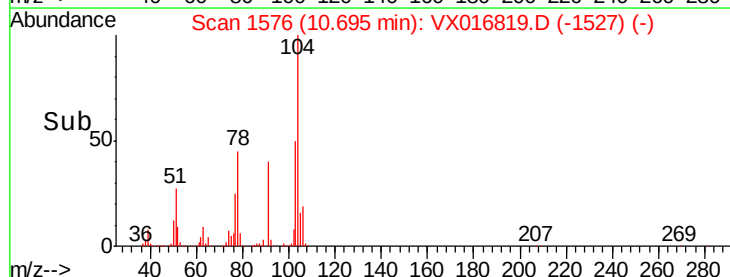
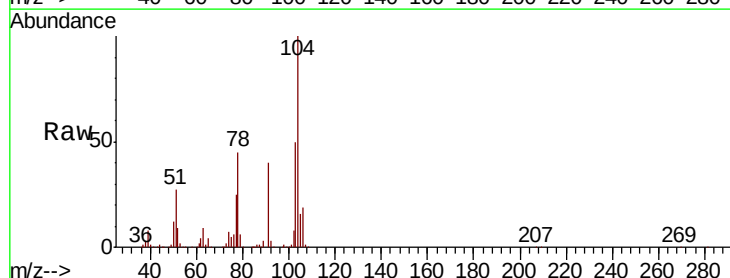
Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS02

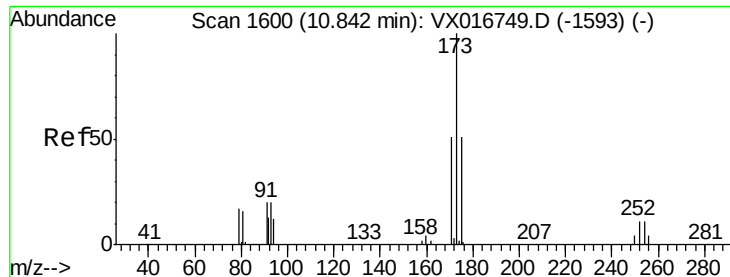
Tot Ion:106 Resp: 102345
Ion Ratio Lower Upper
106 100
91 215.2 106.9 320.8



#70
Styrene
Concen: 15.412 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX016819.D
Acq: 17 Jun 2020 16:14

Tgt Ion:104 Resp: 169091
Ion Ratio Lower Upper
104 100
78 49.6 39.8 59.8
103 54.2 43.4 65.2





#71

Bromoform

Concen: 13.978 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX016819.D

Acq: 17 Jun 2020 16:14

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS02

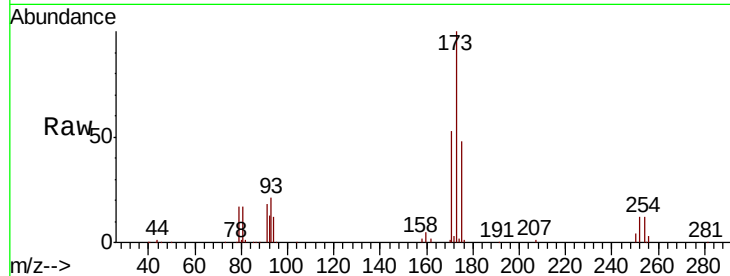
Tot Ion:173 Resp: 48901

Ion Ratio Lower Upper

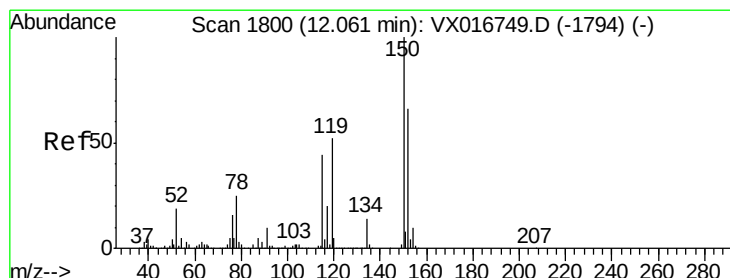
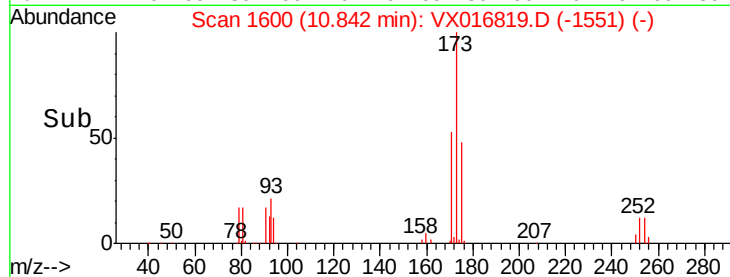
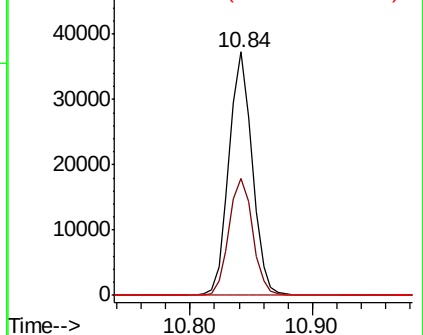
173 100

175 49.0 25.1 75.4

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: VX016819.D

Acq: 17 Jun 2020 16:14

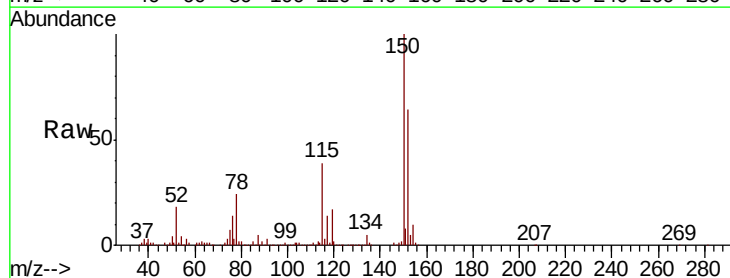
Tgt Ion:152 Resp: 218011

Ion Ratio Lower Upper

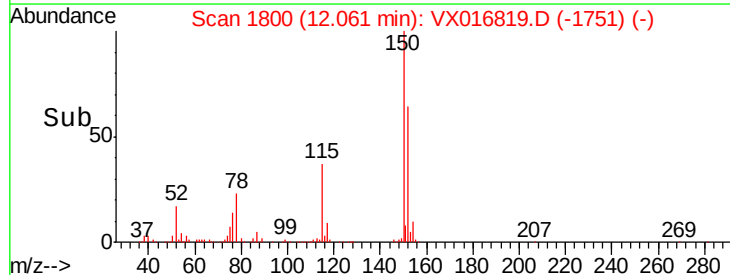
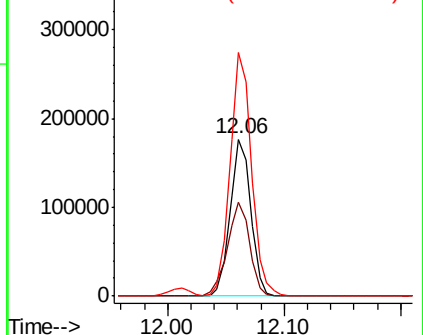
152 100

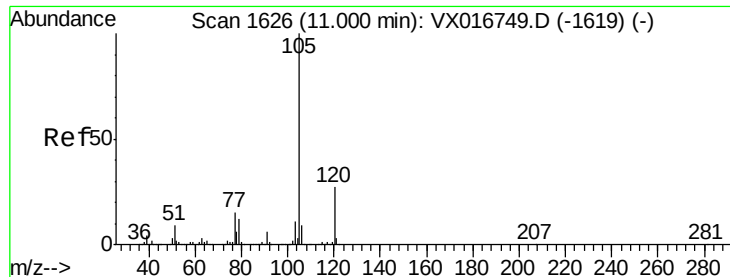
115 64.2 40.3 120.8

150 161.0 0.0 337.4



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: 17.305 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX016819.D

Acq: 17 Jun 2020 16:14

Instrument :

MSVOA_X

ClientSampleId :

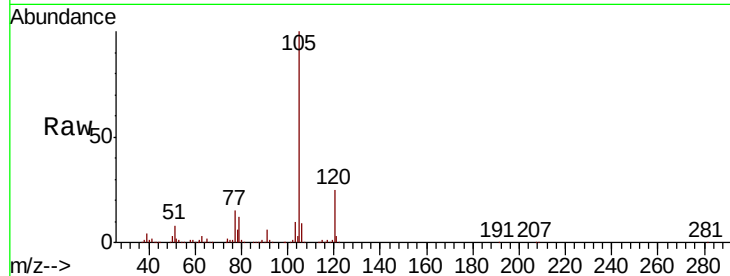
VX0617WBS02

Tot Ion:105 Resp: 247553

Ion Ratio Lower Upper

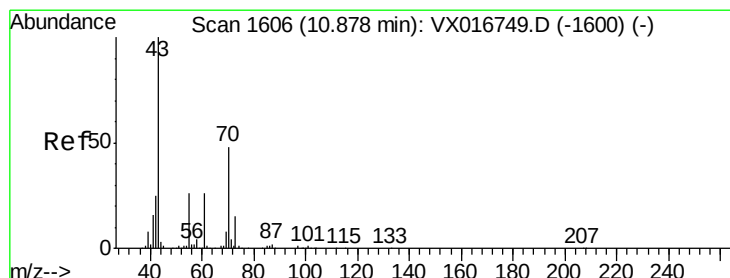
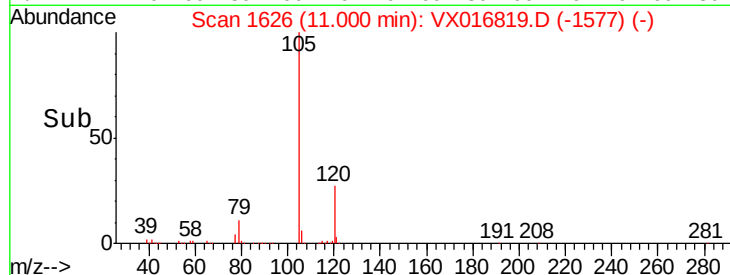
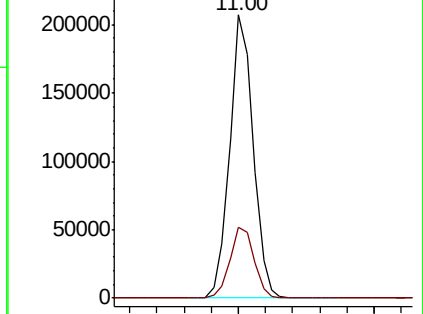
105 100

120 25.9 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 17.307 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX016819.D

Acq: 17 Jun 2020 16:14

Tgt Ion: 43 Resp: 96226

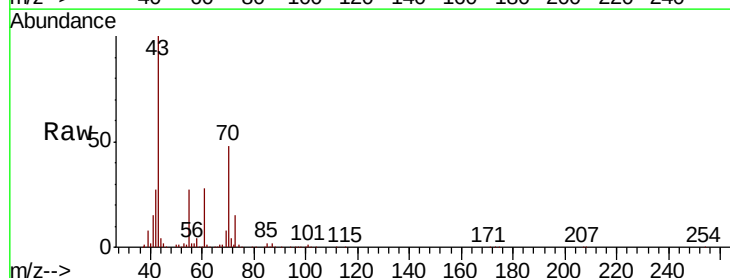
Ion Ratio Lower Upper

43 100

70 49.1 39.8 59.6

55 26.2 21.7 32.5

61 27.6 21.6 32.4

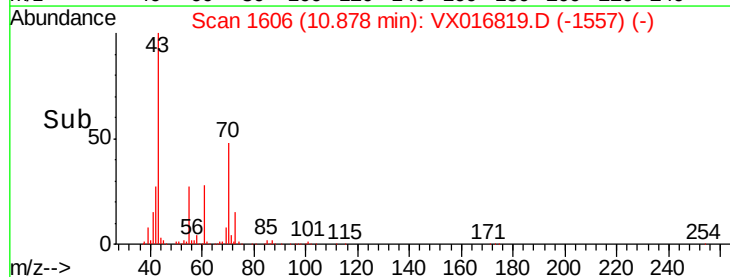
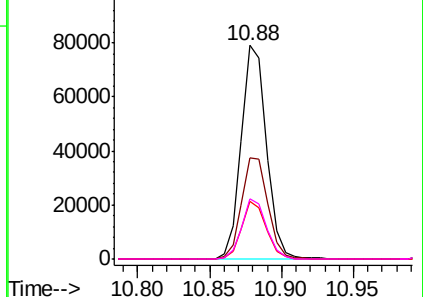


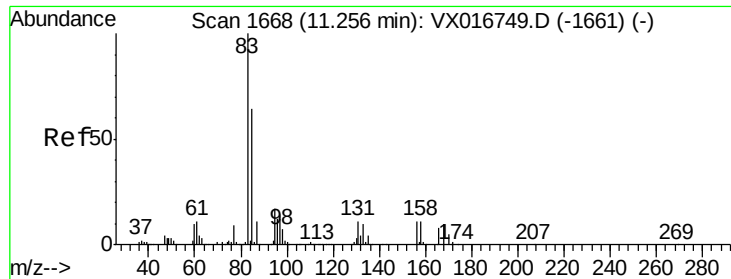
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 14.903 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016819.D

Acq: 17 Jun 2020 16:14

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS02

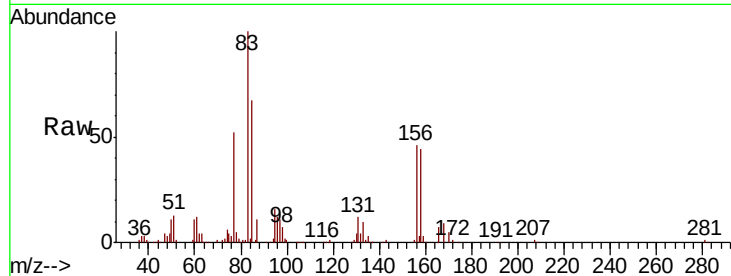
Tot Ion: 83 Resp: 62710

Ion Ratio Lower Upper

83 100

131 12.1 5.7 17.0

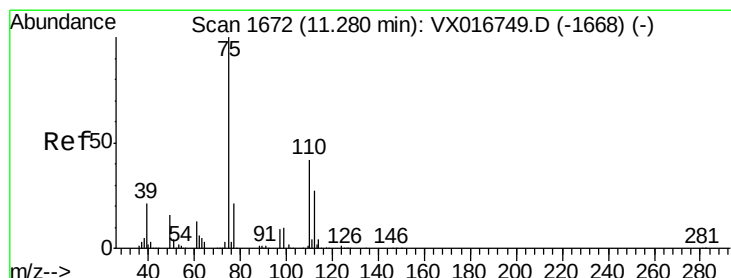
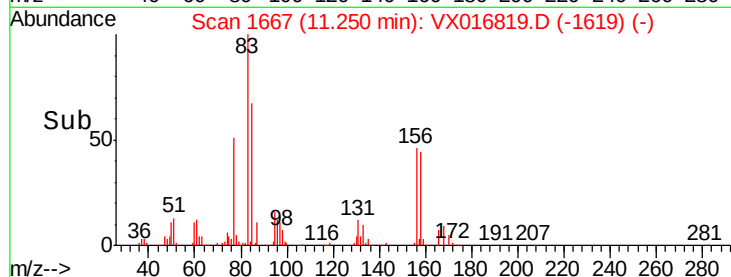
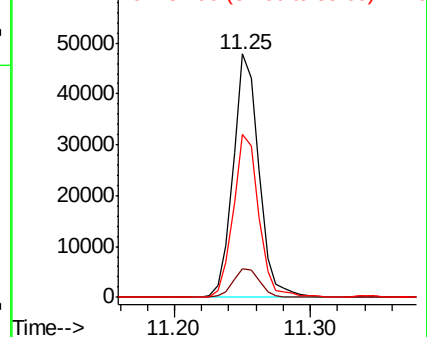
85 66.6 32.4 97.2



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: 21.776 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX016819.D

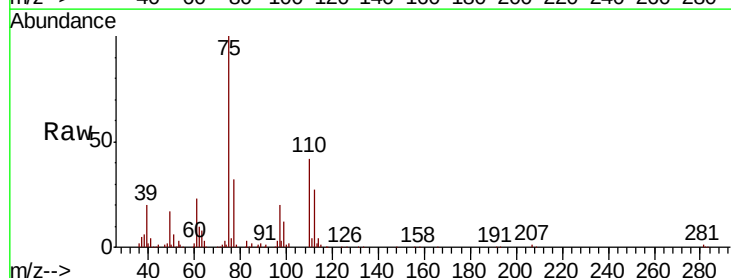
Acq: 17 Jun 2020 16:14

Tgt Ion: 75 Resp: 99835

Ion Ratio Lower Upper

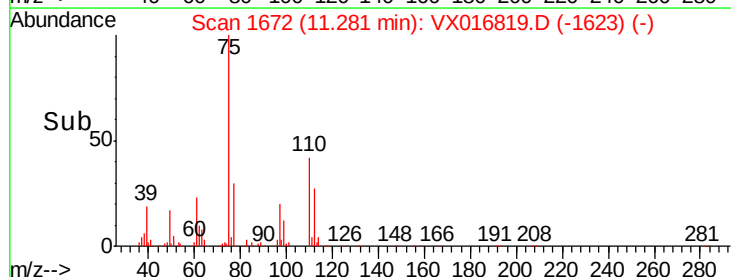
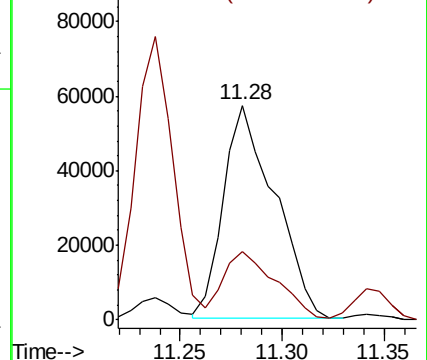
75 100

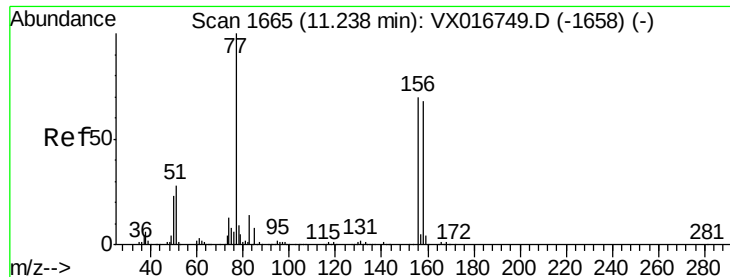
77 32.8 20.3 60.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 16.503 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX016819.D

Acq: 17 Jun 2020 16:14

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS02

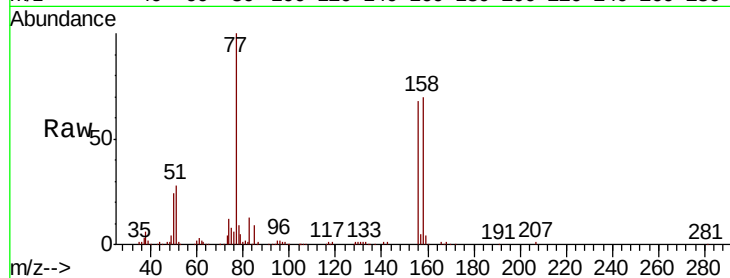
Tot Ion:156 Resp: 66658

Ion Ratio Lower Upper

156 100

77 146.3 73.2 219.6

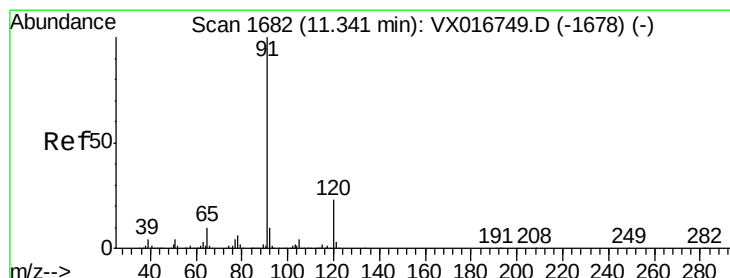
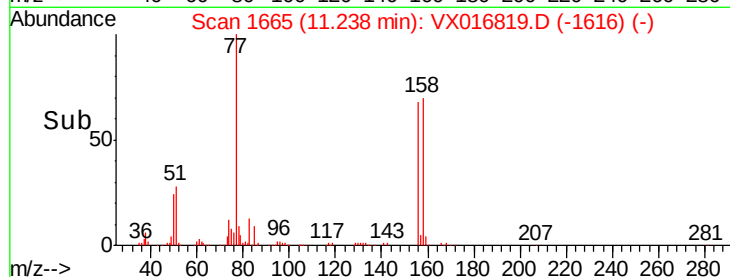
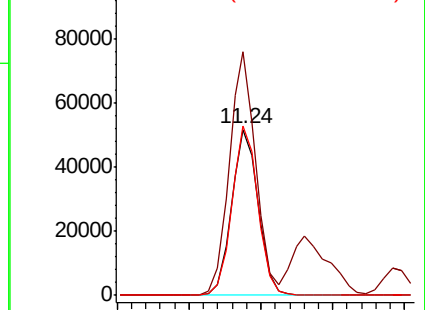
158 99.8 48.8 146.4



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: 17.156 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX016819.D

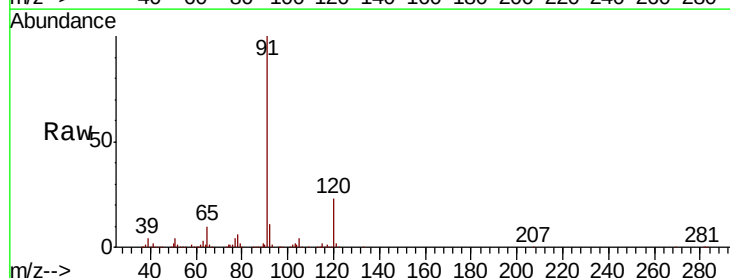
Acq: 17 Jun 2020 16:14

Tgt Ion: 91 Resp: 266527

Ion Ratio Lower Upper

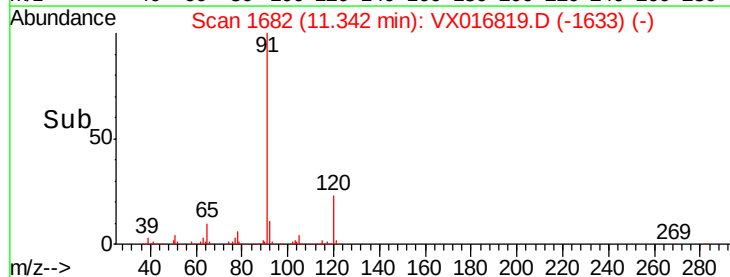
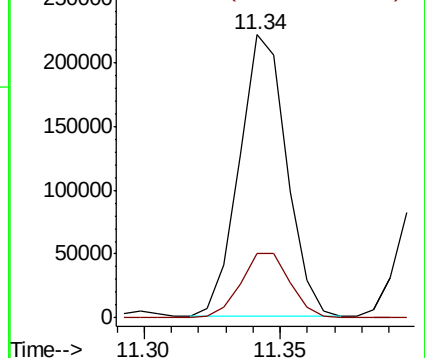
91 100

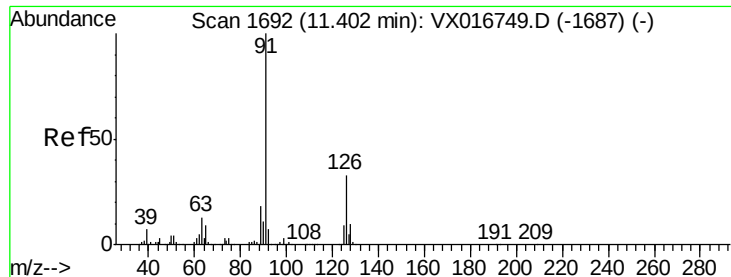
120 23.9 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

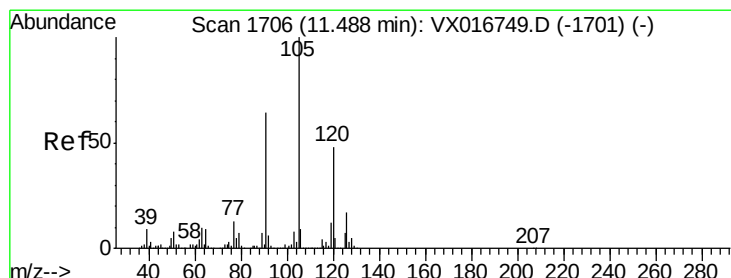
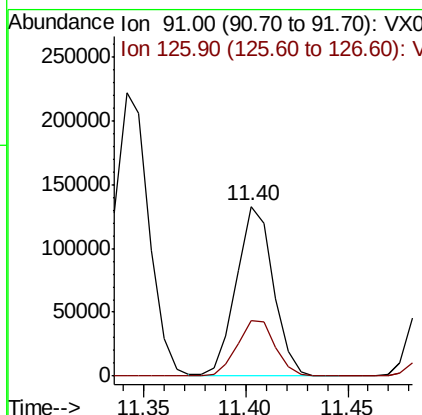
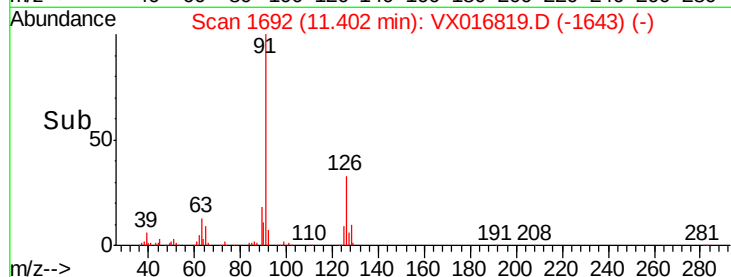
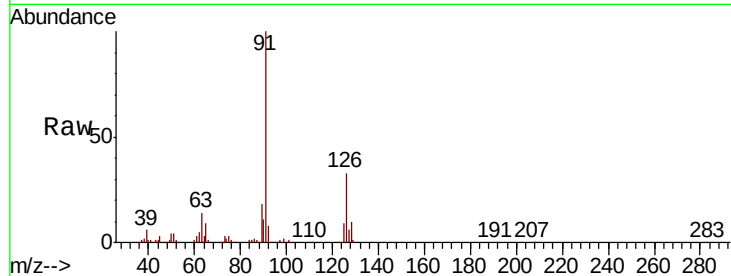




#79
 2-Chlorotoluene
 Concen: 16.924 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: VX016819.D
 Acq: 17 Jun 2020 16:14

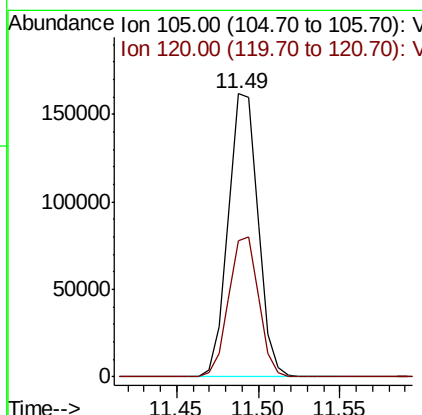
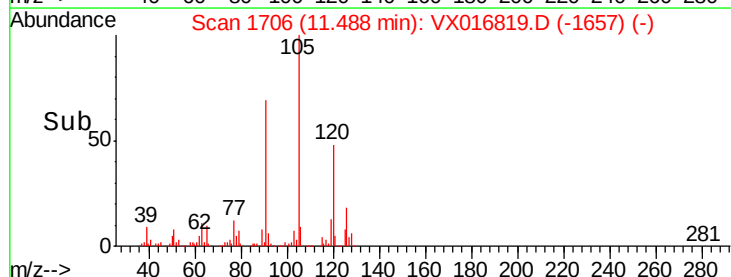
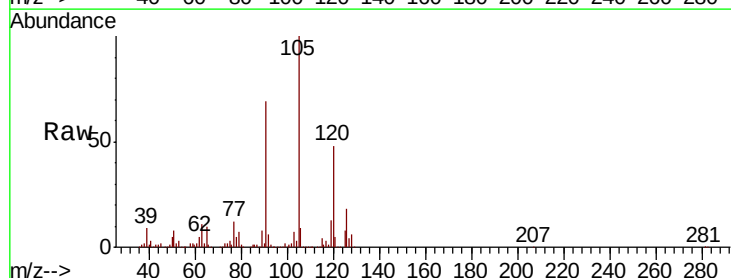
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0617WBS02

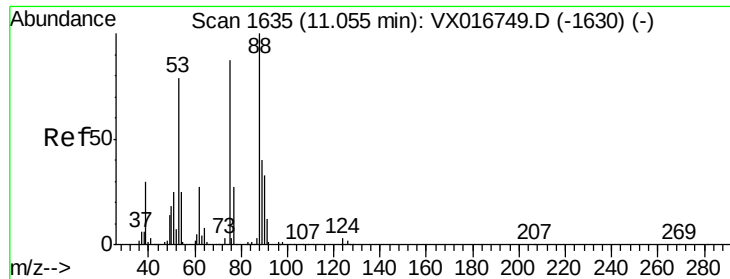
Tot Ion: 91 Resp: 166252
 Ion Ratio Lower Upper
 91 100
 126 34.2 17.2 51.5



#80
 1,3,5-Trimethylbenzene
 Concen: 17.177 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: VX016819.D
 Acq: 17 Jun 2020 16:14

Tgt Ion: 105 Resp: 205986
 Ion Ratio Lower Upper
 105 100
 120 49.5 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 15.692 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VX016819.D

Acq: 17 Jun 2020 16:14

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS02

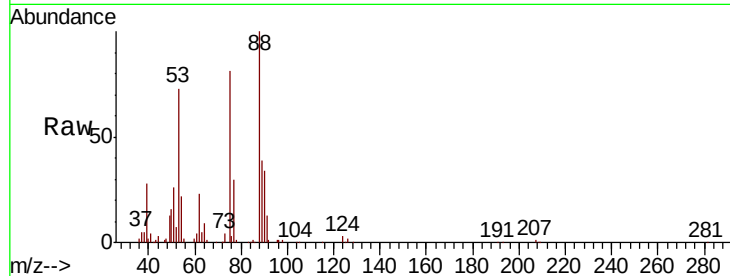
Tot Ion: 75 Resp: 28578

Ion Ratio Lower Upper

75 100

53 88.7 71.4 107.0

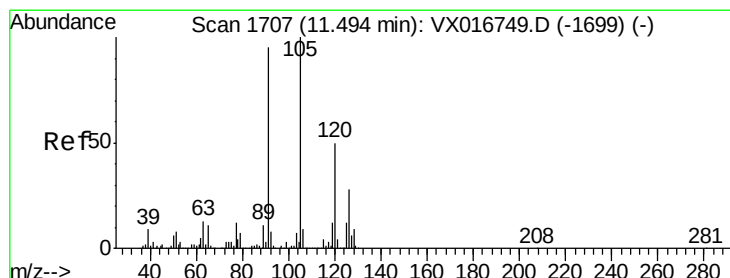
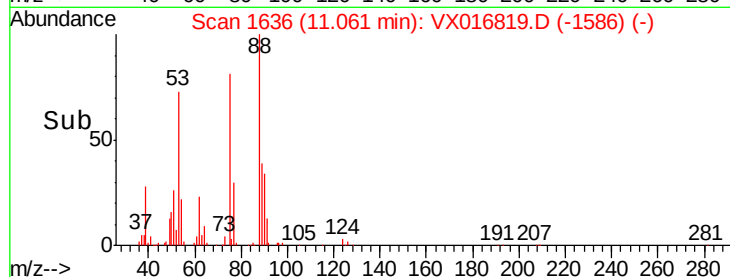
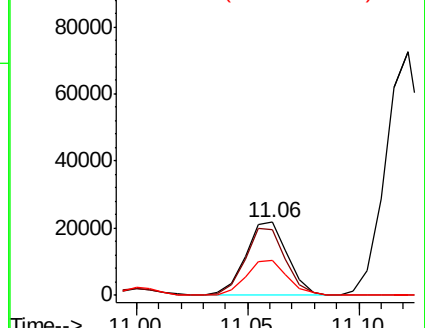
89 48.2 39.1 58.7



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: 16.885 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX016819.D

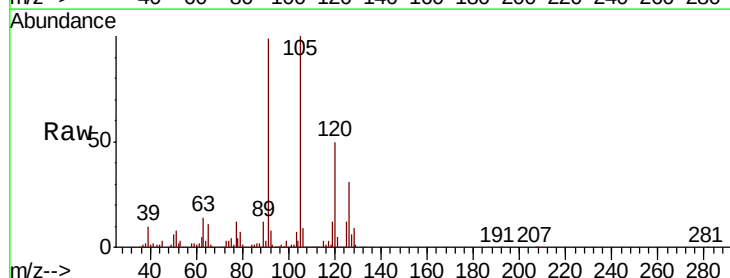
Acq: 17 Jun 2020 16:14

Tgt Ion: 91 Resp: 194159

Ion Ratio Lower Upper

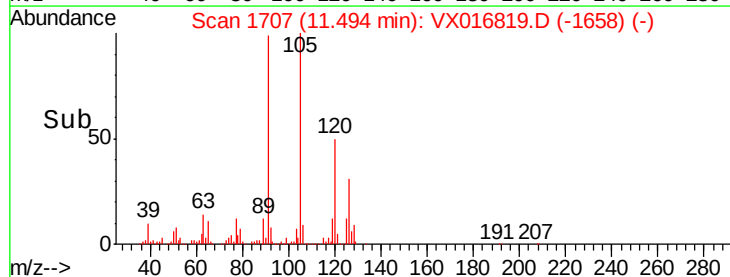
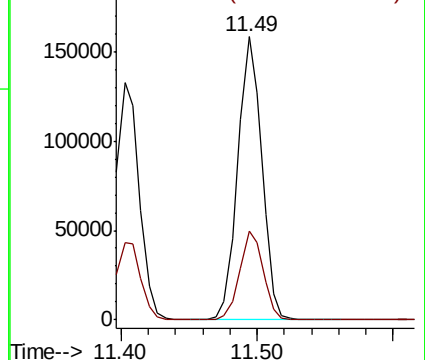
91 100

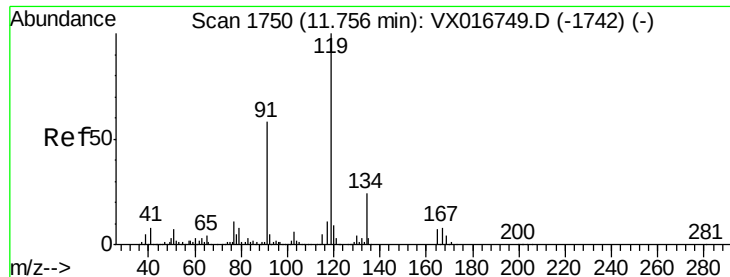
126 30.7 15.2 45.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

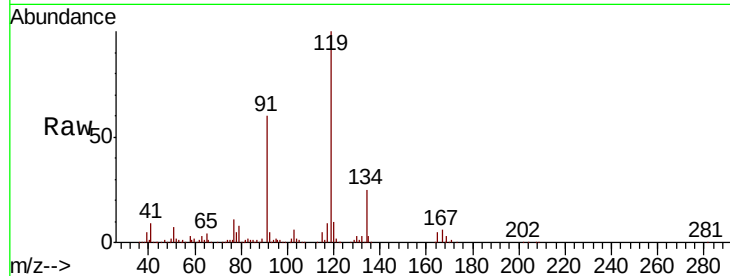




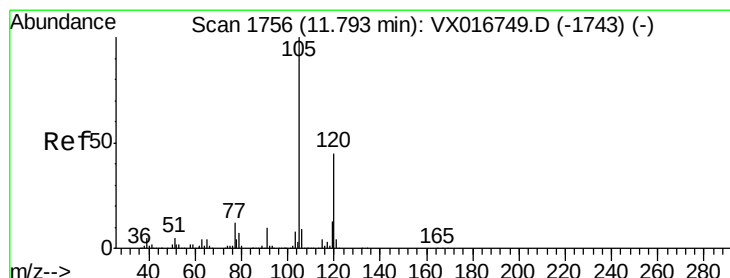
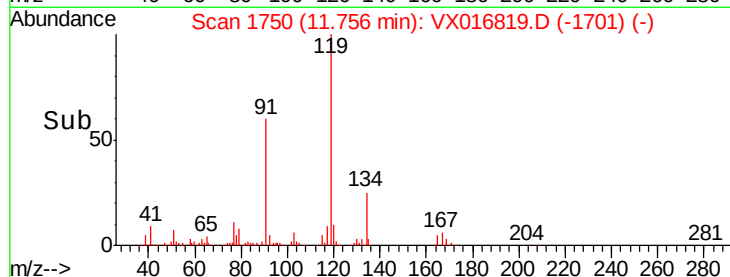
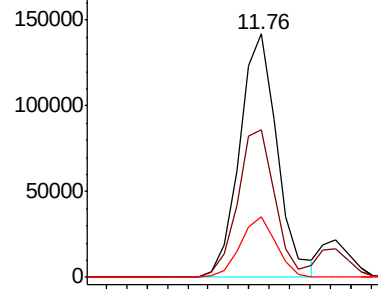
#83
 tert-Butylbenzene
 Concen: 16.612 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX016819.D
 Acq: 17 Jun 2020 16:14

Instrument :
 MSVOA_X
 ClientSampled :
 VX0617WBS02

Tot Ion:119 Resp: 182277
 Ion Ratio Lower Upper
 119 100
 91 59.9 29.3 88.0
 134 23.6 11.8 35.3

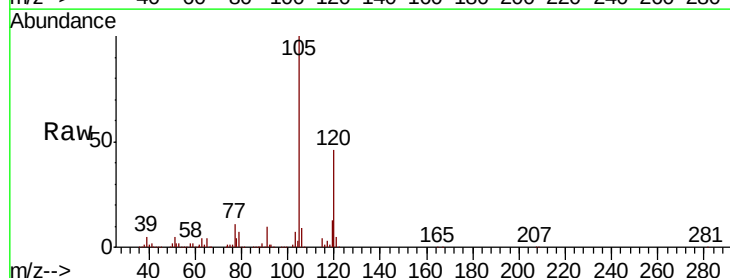


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VX0
 Ion 134.00 (133.70 to 134.70): V

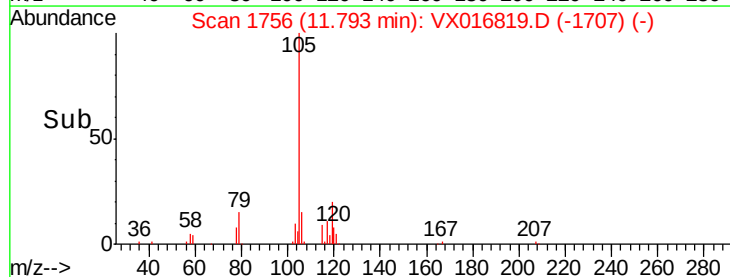
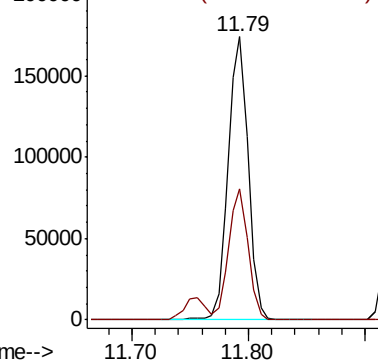


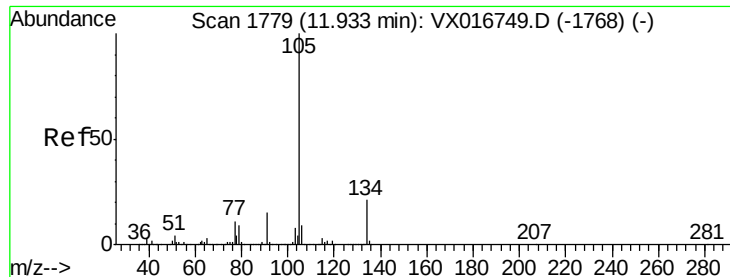
#84
 1,2,4-Trimethylbenzene
 Concen: 17.324 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX016819.D
 Acq: 17 Jun 2020 16:14

Tgt Ion:105 Resp: 210154
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.6 67.8



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





#85

sec-Butylbenzene

Concen: 17.296 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX016819.D

Acq: 17 Jun 2020 16:14

Instrument :

MSVOA_X

ClientSampleId :

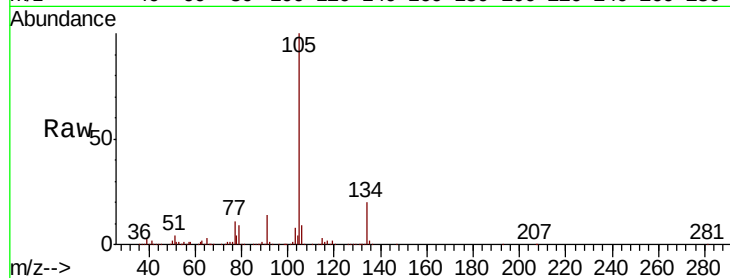
VX0617WBS02

Tot Ion:105 Resp: 221988

Ion Ratio Lower Upper

105 100

134 20.3 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.93

200000

150000

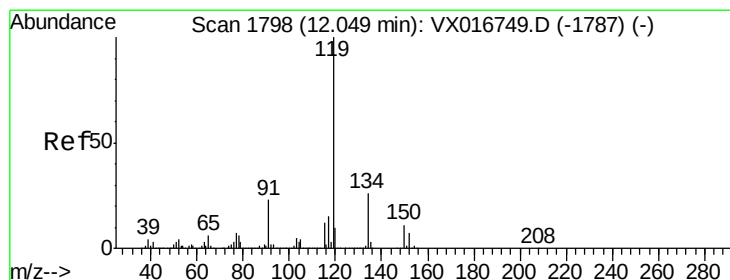
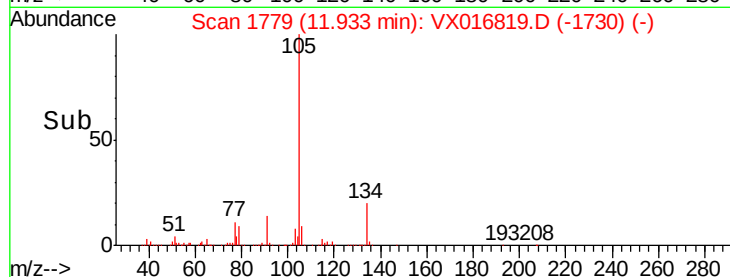
100000

50000

0

Time-->

11.90 11.95



#86

p-Isopropyltoluene

Concen: 17.024 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX016819.D

Acq: 17 Jun 2020 16:14

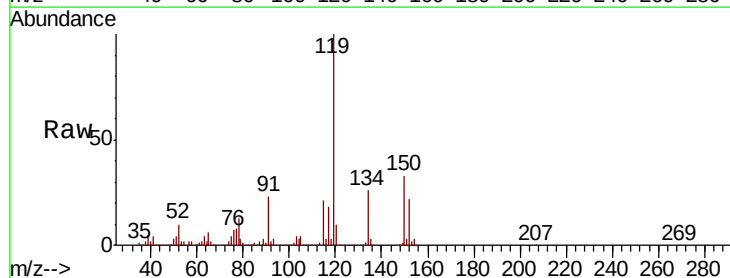
Tgt Ion:119 Resp: 209648

Ion Ratio Lower Upper

119 100

134 26.0 13.0 38.9

91 22.9 11.6 34.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

250000

200000

150000

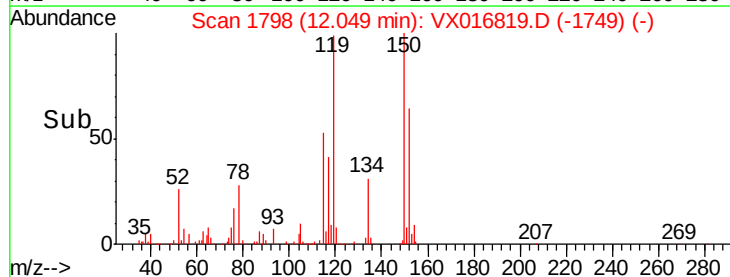
100000

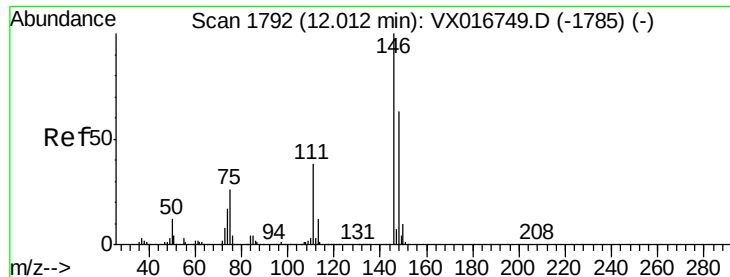
50000

0

Time-->

12.00 12.10





#87

1,3-Dichlorobenzene

Concen: 16.940 ug/l

RT: 12.01 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX016819.D

Acq: 17 Jun 2020 16:14

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS02

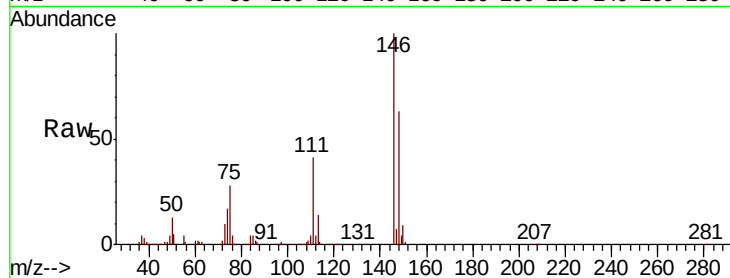
Tot Ion:146 Resp: 115676

Ion Ratio Lower Upper

146 100

111 39.7 19.8 59.3

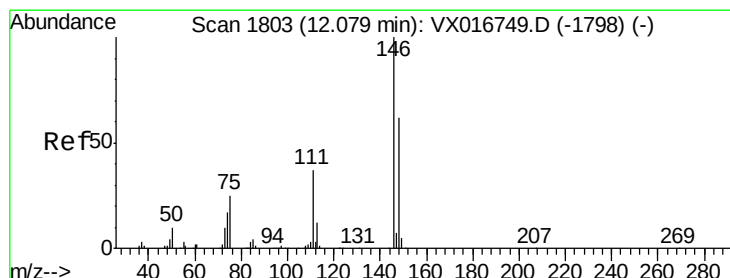
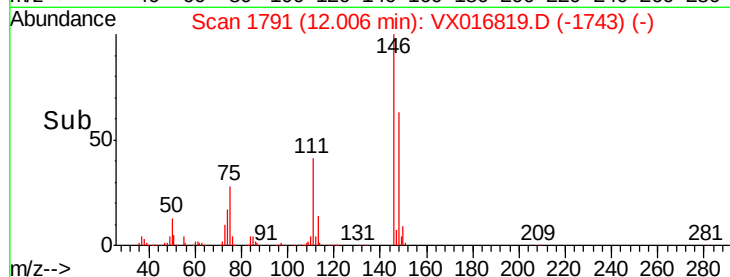
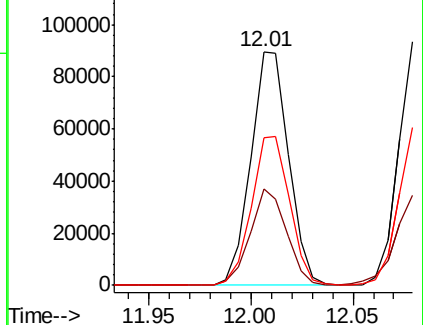
148 64.2 31.9 95.7



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



#88

1,4-Dichlorobenzene

Concen: 16.303 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VX016819.D

Acq: 17 Jun 2020 16:14

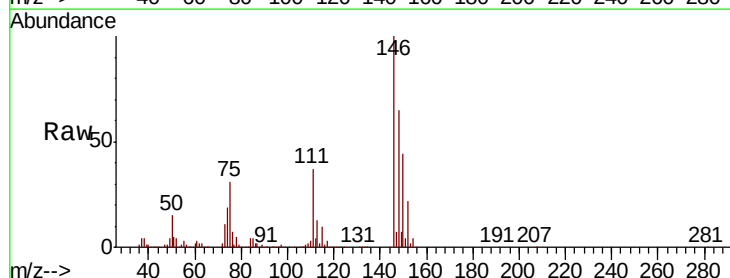
Tgt Ion:146 Resp: 115451

Ion Ratio Lower Upper

146 100

111 40.1 19.3 57.8

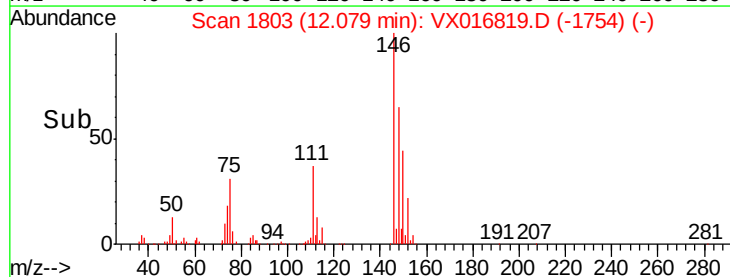
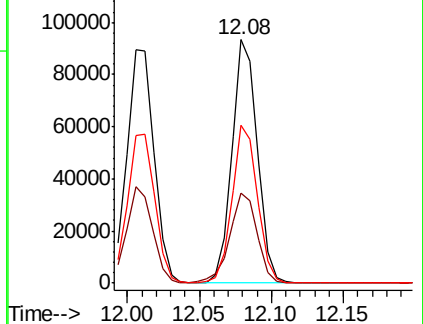
148 65.2 32.1 96.5

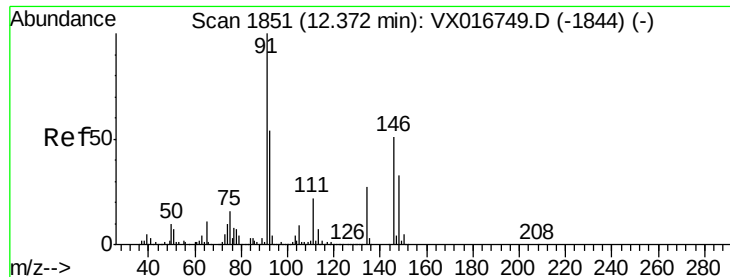


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

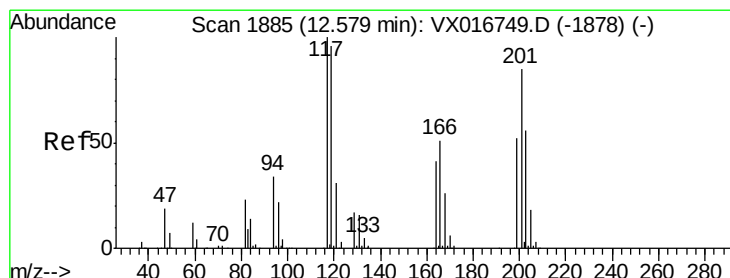
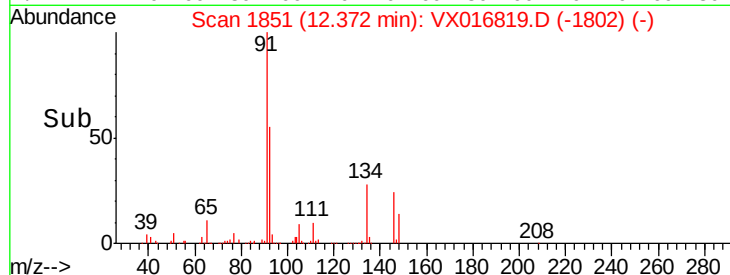
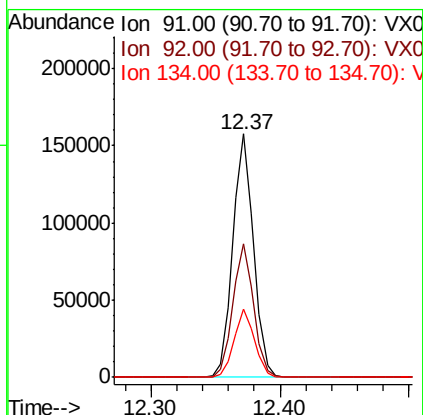
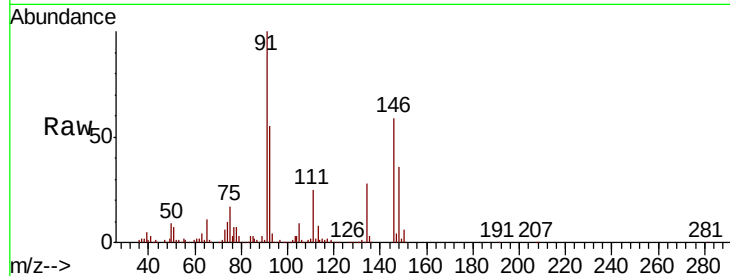




#89
n-Butylbenzene
Concen: 17.506 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX016819.D
Acq: 17 Jun 2020 16:14

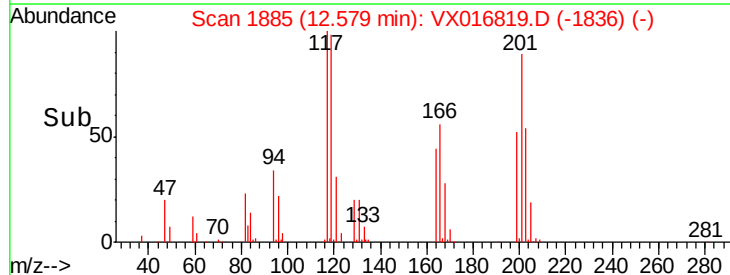
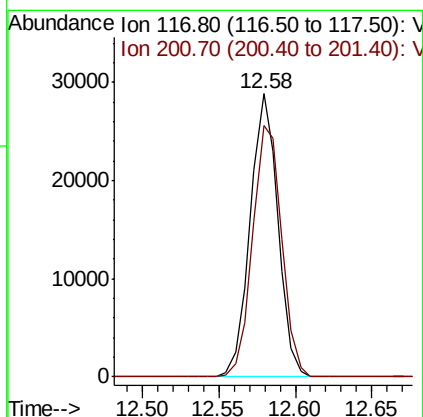
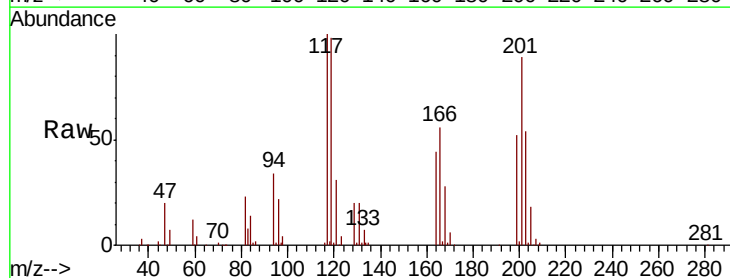
Instrument :
MSVOA_X
ClientSampled :
VX0617WBS02

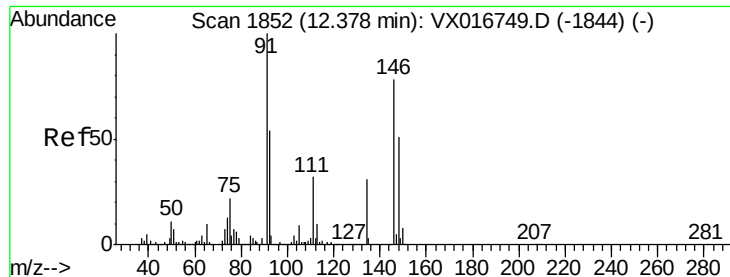
Tot Ion: 91 Resp: 177966
Ion Ratio Lower Upper
91 100
92 54.7 27.0 80.8
134 27.6 13.7 41.0



#90
Hexachloroethane
Concen: 16.011 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX016819.D
Acq: 17 Jun 2020 16:14

Tgt Ion: 117 Resp: 36360
Ion Ratio Lower Upper
117 100
201 93.2 45.6 136.9

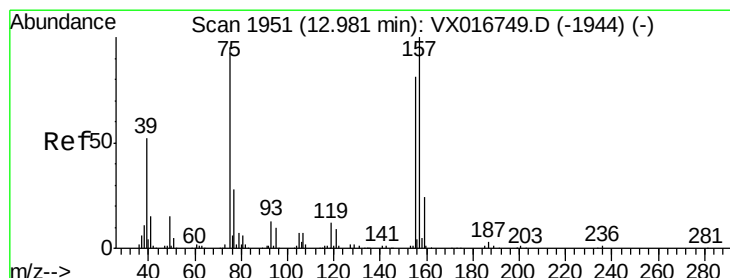
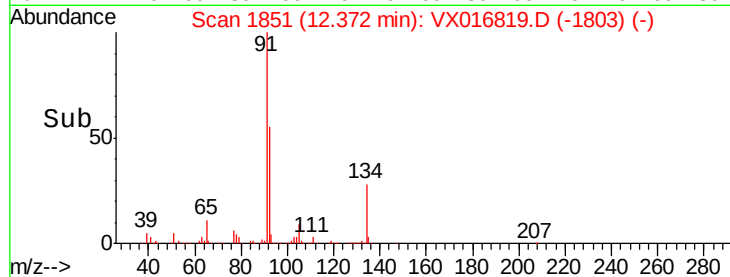
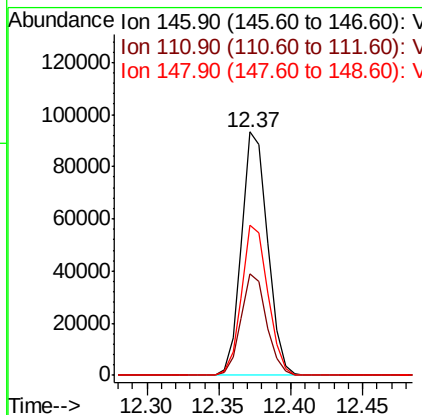
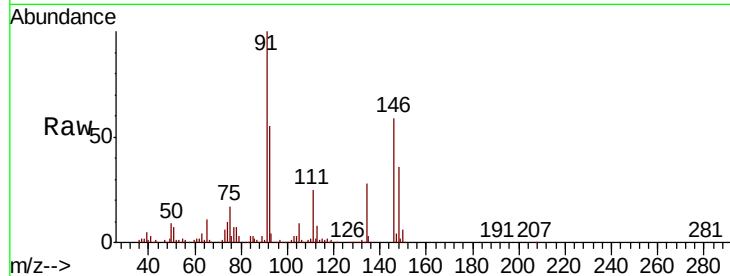




#91
 1,2-Dichlorobenzene
 Concen: 17.202 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: VX016819.D
 Acq: 17 Jun 2020 16:14

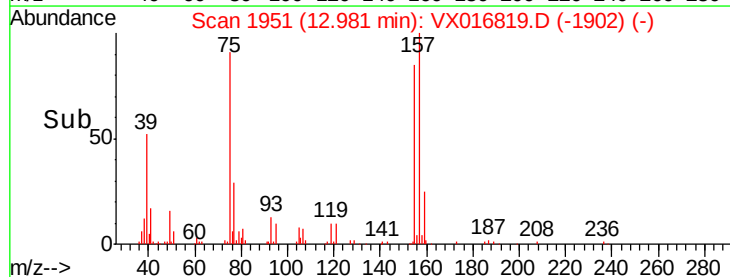
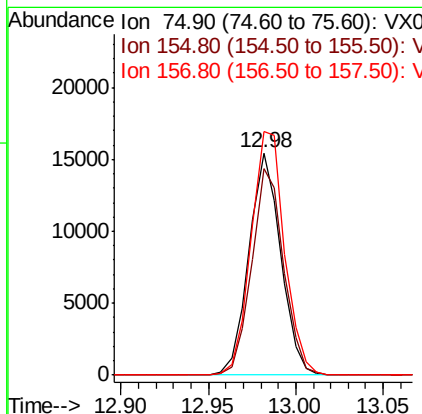
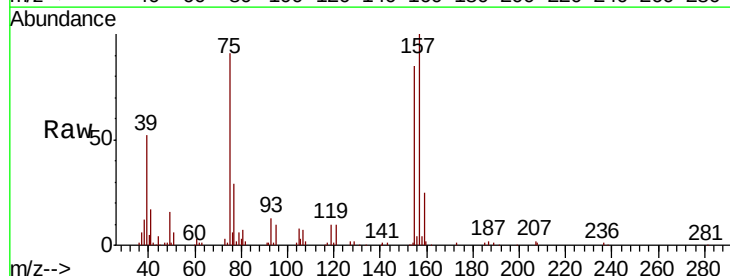
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0617WBS02

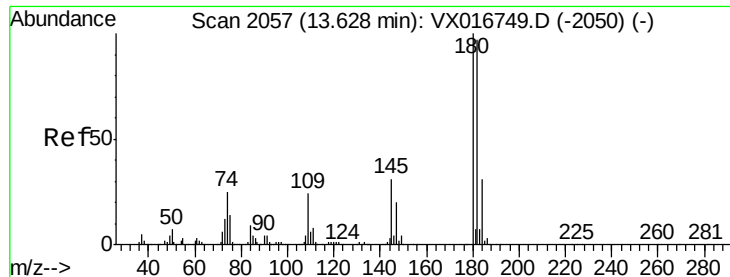
Tot Ion:146 Resp: 117467
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.8 62.2
 148 62.1 32.1 96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.642 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX016819.D
 Acq: 17 Jun 2020 16:14

Tgt Ion: 75 Resp: 19584
 Ion Ratio Lower Upper
 75 100
 155 92.9 46.9 140.7
 157 115.2 59.6 178.7

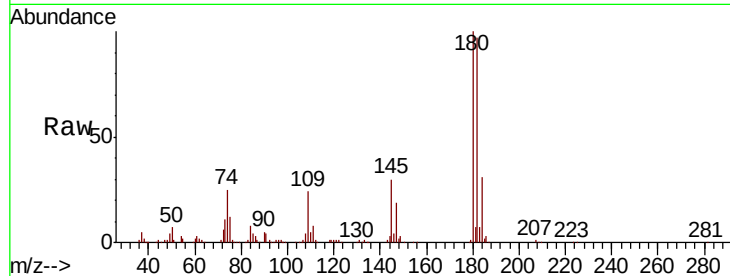




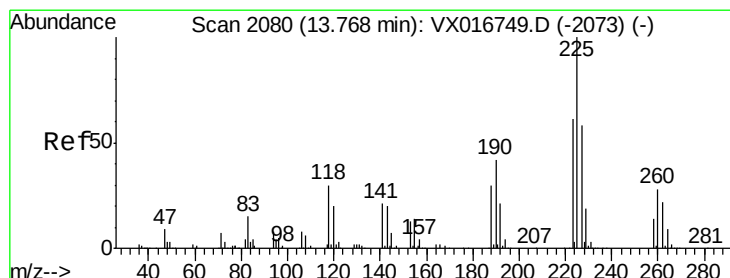
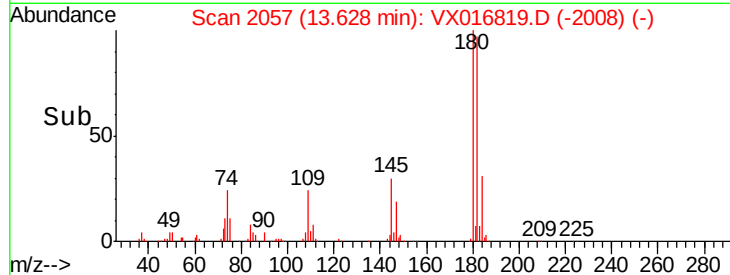
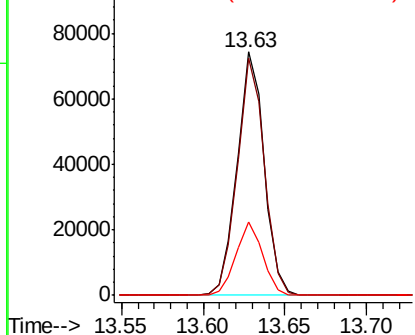
#93
 1,2,4-Trichlorobenzene
 Concen: 17.970 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX016819.D
 Acq: 17 Jun 2020 16:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0617WBS02

Tot Ion:180 Resp: 85933
 Ion Ratio Lower Upper
 180 100
 182 97.1 48.6 145.8
 145 29.8 15.4 46.4

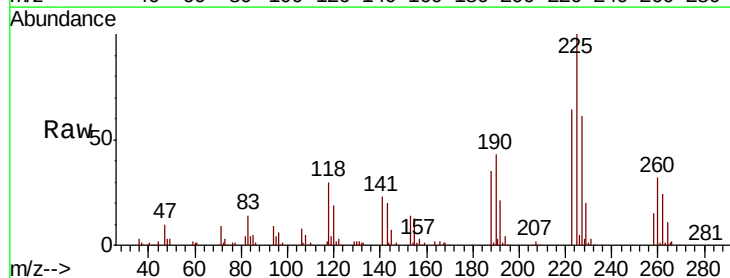


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

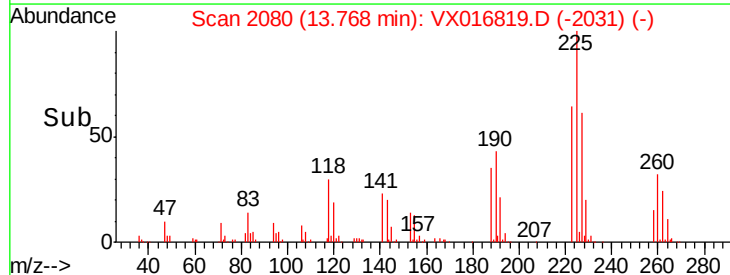
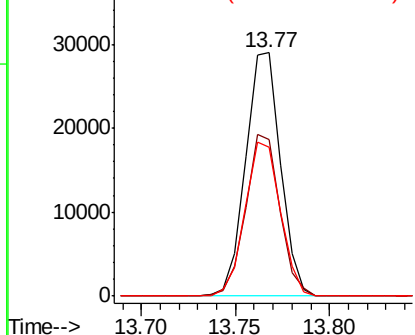


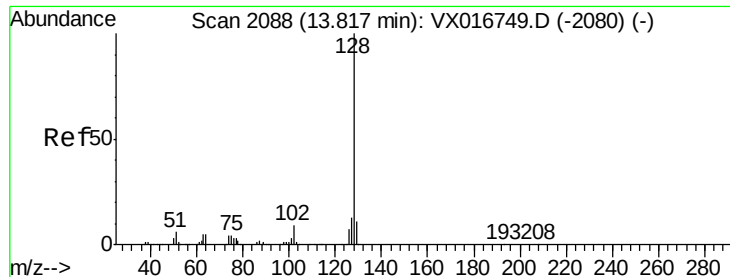
#94
 Hexachlorobutadiene
 Concen: 18.045 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016819.D
 Acq: 17 Jun 2020 16:14

Tgt Ion:225 Resp: 37412
 Ion Ratio Lower Upper
 225 100
 223 65.0 31.1 93.5
 227 64.0 30.9 92.7



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

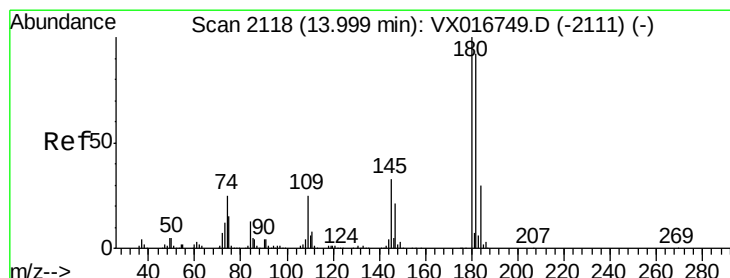
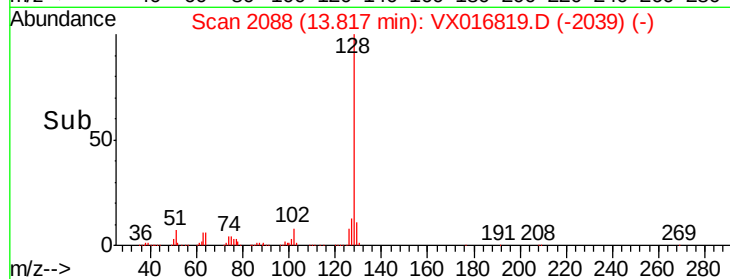
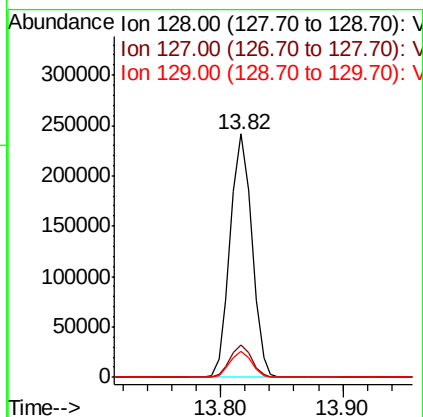
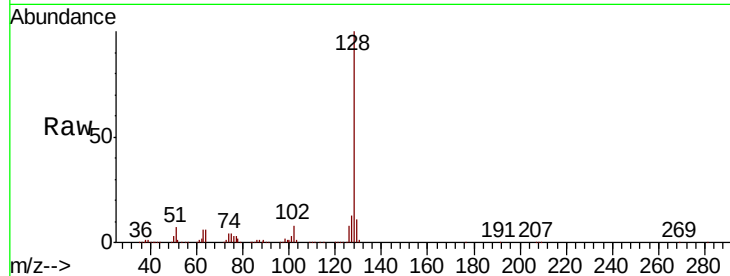




#95
Naphthalene
Concen: 19.779 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX016819.D
Acq: 17 Jun 2020 16:14

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS02

Tot Ion:128 Resp: 296318
Ion Ratio Lower Upper
128 100
127 13.2 10.2 15.4
129 10.7 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 17.844 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX016819.D
Acq: 17 Jun 2020 16:14

Tgt Ion:180 Resp: 83988
Ion Ratio Lower Upper
180 100
182 96.9 47.1 141.4
145 32.8 15.9 47.7

