

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060420\
 Data File : VX016577.D
 Acq On : 04 Jun 2020 11:02
 Operator : JC/SP
 Sample : VX0604WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 05 04:20:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	253967	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	378579	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	349418	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	172559	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	142757	45.26	ug/l	0.00
Spiked Amount			Recovery	=	90.52%	
35) Dibromofluoromethane	5.46	113	114422	49.09	ug/l	0.00
Spiked Amount			Recovery	=	98.18%	
50) Toluene-d8	8.70	98	442259	48.74	ug/l	0.00
Spiked Amount			Recovery	=	97.48%	
62) 4-Bromofluorobenzene	11.12	95	162448	46.34	ug/l	0.00
Spiked Amount			Recovery	=	92.68%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	41998	16.804	ug/l	93
3) Chloromethane	1.31	50	47855	15.844	ug/l	99
4) Vinyl Chloride	1.39	62	51208	16.032	ug/l	99
5) Bromomethane	1.62	94	32549	20.958	ug/l	98
6) Chloroethane	1.71	64	31499	16.906	ug/l	99
7) Trichlorofluoromethane	1.92	101	76164	18.157	ug/l	99
8) Diethyl Ether	2.17	74	28494	16.290	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	42650	18.474	ug/l	99
10) Methyl Iodide	2.49	142	35824	15.250	ug/l	100
11) Tert butyl alcohol	3.01	59	61945	76.592	ug/l	99
12) 1,1-Dichloroethene	2.36	96	42997	17.595	ug/l	99
13) Acrolein	2.27	56	34733	100.956	ug/l	100
14) Allyl chloride	2.70	41	71735	15.962	ug/l	97
15) Acrylonitrile	3.11	53	132887	80.211	ug/l	98
16) Acetone	2.42	43	112021	81.068	ug/l	99
17) Carbon Disulfide	2.55	76	114359	15.759	ug/l	99
18) Methyl Acetate	2.75	43	57124	16.118	ug/l	96
19) Methyl tert-butyl Ether	3.17	73	150734	17.178	ug/l	99
20) Methylene Chloride	2.83	84	47600	16.650	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	46065	17.042	ug/l	93
22) Diisopropyl ether	3.82	45	141790	16.424	ug/l	93
23) Vinyl Acetate	3.78	43	606945	80.318	ug/l	96
24) 1,1-Dichloroethane	3.67	63	82988	17.031	ug/l	99
25) 2-Butanone	4.63	43	181561	77.543	ug/l	99
26) 2,2-Dichloropropane	4.55	77	77484	19.433	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	52839	16.897	ug/l	100
28) Bromochloromethane	4.98	49	36729	16.220	ug/l	91
29) Tetrahydrofuran	5.09	42	116976	77.331	ug/l	94
30) Chloroform	5.17	83	85370	17.387	ug/l	99
31) Cyclohexane	5.55	56	69820	15.927	ug/l	100
32) 1,1,1-Trichloroethane	5.46	97	79013	17.775	ug/l	99
36) 1,1-Dichloropropene	5.76	75	62510	17.439	ug/l	97
37) Ethyl Acetate	4.79	43	68917	16.015	ug/l	96
38) Carbon Tetrachloride	5.75	117	70238	18.646	ug/l	97

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 05 04:20:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	70798	18.185	ug/l	99
40) Benzene	6.11	78	190384	17.836	ug/l	100
41) Methacrylonitrile	5.00	41	37943	16.052	ug/l	98
42) 1,2-Dichloroethane	6.16	62	67754	17.849	ug/l	100
43) Isopropyl Acetate	6.41	43	110427	16.451	ug/l	98
44) Trichloroethene	7.19	130	61379	18.124	ug/l	93
45) 1,2-Dichloropropane	7.49	63	47379	17.435	ug/l	96
46) Dibromomethane	7.63	93	31673	17.353	ug/l	94
47) Bromodichloromethane	7.87	83	68828	18.212	ug/l	99
48) Methyl methacrylate	7.74	41	51174	15.922	ug/l	95
49) 1,4-Dioxane	7.71	88	25057	333.139	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	345778	82.729	ug/l	98
52) Toluene	8.76	92	123668	18.373	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	76168	17.724	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	83019	18.251	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	48409	18.088	ug/l	97
56) Ethyl methacrylate	9.16	69	73842	16.941	ug/l	98
57) 1,3-Dichloropropane	9.35	76	81823	17.812	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	189089	83.114	ug/l	98
59) 2-Hexanone	9.47	43	268010	82.456	ug/l	99
60) Dibromochloromethane	9.57	129	56548	18.776	ug/l	98
61) 1,2-Dibromoethane	9.65	107	50901	17.761	ug/l	99
64) Tetrachloroethene	9.32	164	70601	18.060	ug/l	98
65) Chlorobenzene	10.12	112	129736	18.212	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	51130	18.803	ug/l	99
67) Ethyl Benzene	10.23	91	225167	17.753	ug/l	98
68) m/p-Xylenes	10.34	106	172979	36.784	ug/l	99
69) o-Xylene	10.68	106	82365	18.085	ug/l	98
70) Styrene	10.70	104	143165	18.289	ug/l	98
71) Bromoform	10.84	173	42440	18.467	ug/l #	100
73) Isopropylbenzene	11.00	105	220734	18.462	ug/l	99
74) N-amyl acetate	10.88	43	88407	16.075	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.25	83	54062	18.042	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	88854	23.426	ug/l	84
77) Bromobenzene	11.24	156	58459	18.642	ug/l	95
78) n-propylbenzene	11.34	91	240986	18.041	ug/l	99
79) 2-Chlorotoluene	11.40	91	146288	17.942	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	181859	18.216	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	26283	17.045	ug/l	97
82) 4-Chlorotoluene	11.49	91	173532	18.023	ug/l	99
83) tert-Butylbenzene	11.76	119	159600	18.710	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	189618	18.781	ug/l	99
85) sec-Butylbenzene	11.93	105	202208	18.896	ug/l	100
86) p-Isopropyltoluene	12.05	119	187372	18.692	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	98360	18.104	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	100244	18.041	ug/l	97
89) n-Butylbenzene	12.37	91	153436	18.377	ug/l	98
90) Hexachloroethane	12.58	117	31725	18.323	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	95652	18.172	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	16494	16.994	ug/l	99

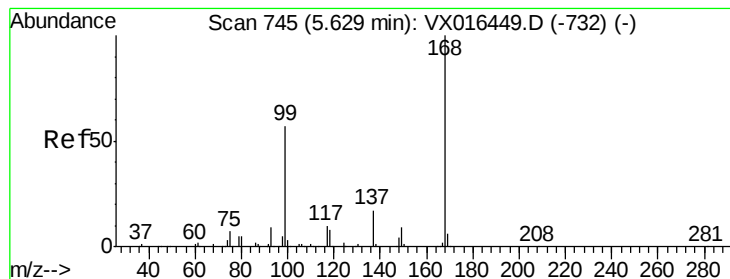
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060420\
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
Quant Title : SW846 8260
QLast Update : Wed May 27 16:31:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	65629	18.774	ug/l	98
94) Hexachlorobutadiene	13.77	225	30694	22.363	ug/l	96
95) Naphthalene	13.82	128	212878	17.764	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	65149	19.023	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016577.D

Acq: 04 Jun 2020 11:02

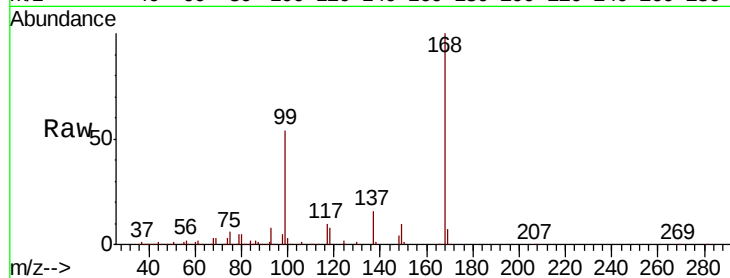
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 253967

Ion Ratio Lower Upper

168 100

99 54.0 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

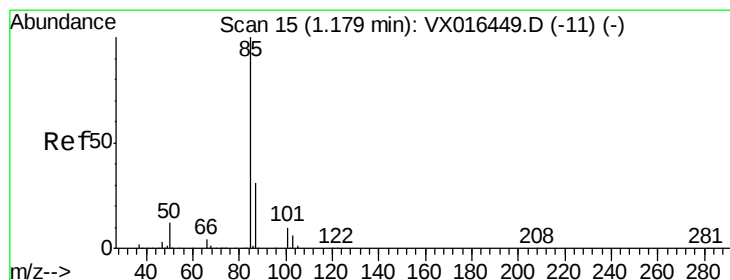
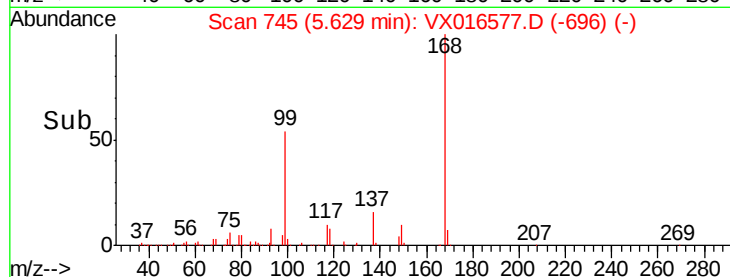
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 16.804 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.01 min

Lab File: VX016577.D

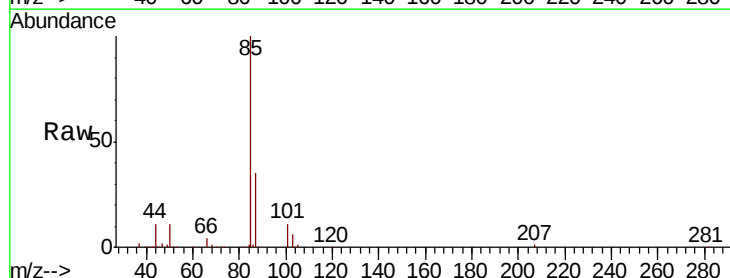
Acq: 04 Jun 2020 11:02

Tgt Ion: 85 Resp: 41998

Ion Ratio Lower Upper

85 100

87 34.9 15.4 46.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

50000

40000

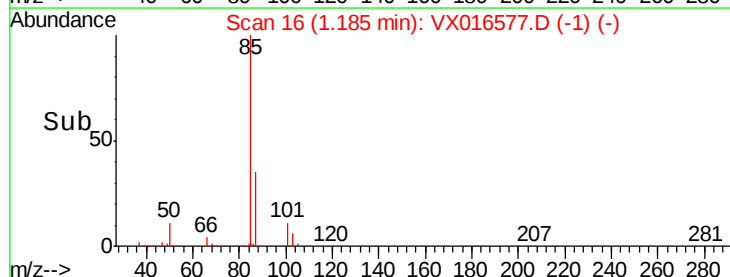
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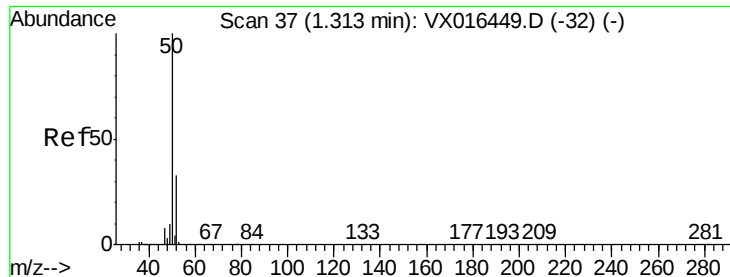
20000

10000

0

Time-->





#3

Chloromethane

Concen: 15.844 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016577.D

Acq: 04 Jun 2020 11:02

Instrument :

MSVOA_X

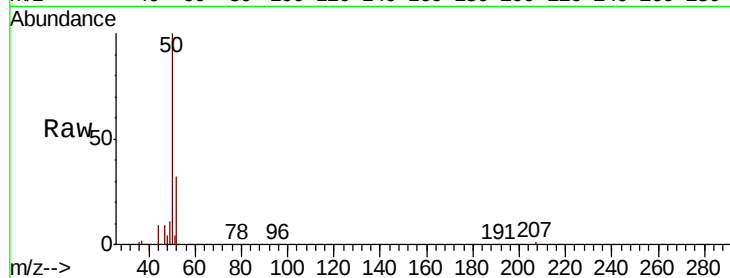
ClientSampled :

Tot Ion: 50 Resp: 47855

Ion Ratio Lower Upper

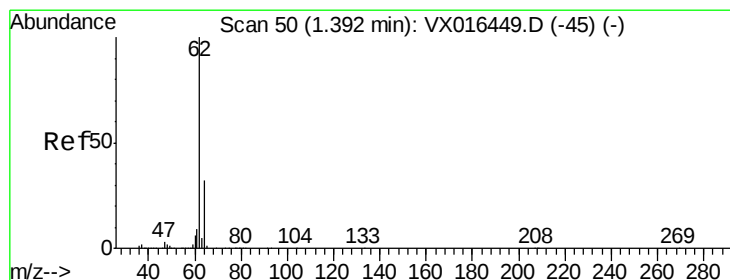
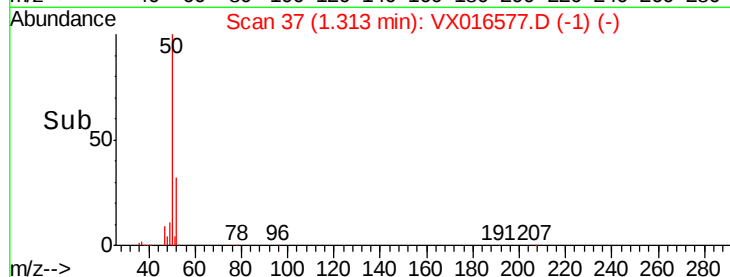
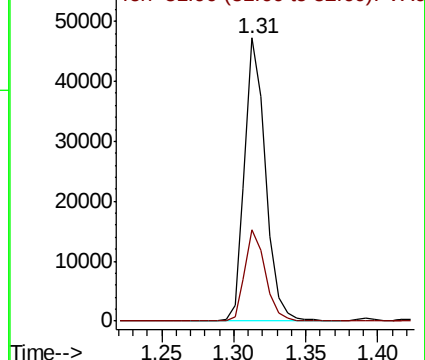
50 100

52 32.3 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 16.032 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016577.D

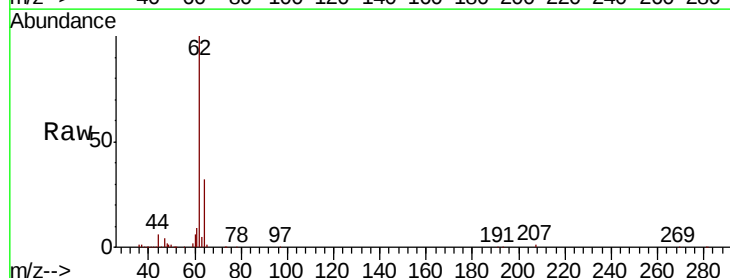
Acq: 04 Jun 2020 11:02

Tgt Ion: 62 Resp: 51208

Ion Ratio Lower Upper

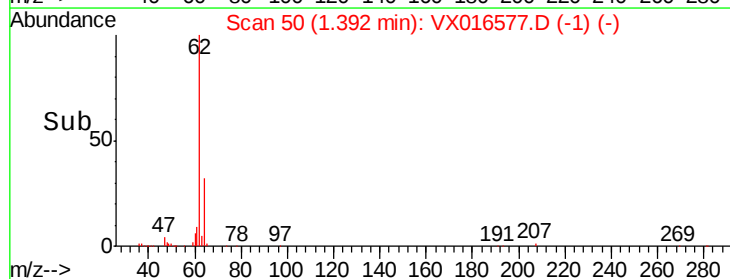
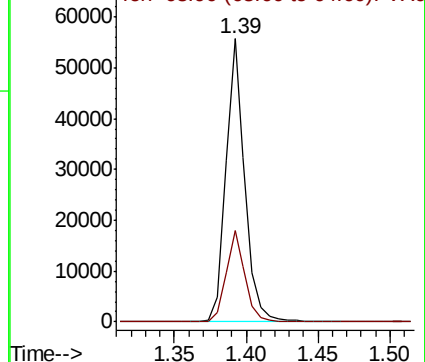
62 100

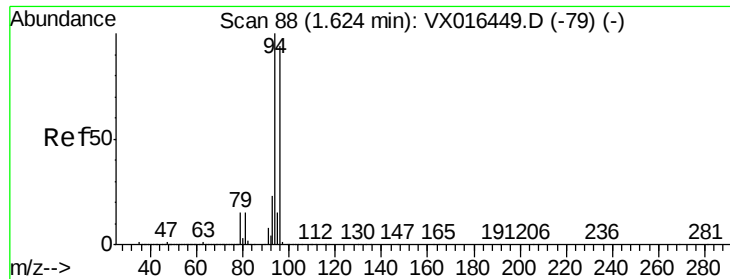
64 32.1 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 20.958 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016577.D

Acq: 04 Jun 2020 11:02

Instrument :

MSVOA_X

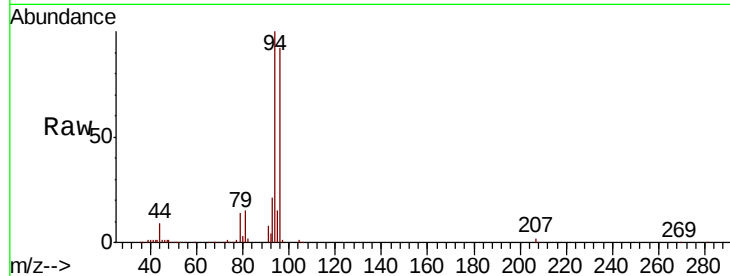
ClientSampleId :

Tot Ion: 94 Resp: 32549

Ion Ratio Lower Upper

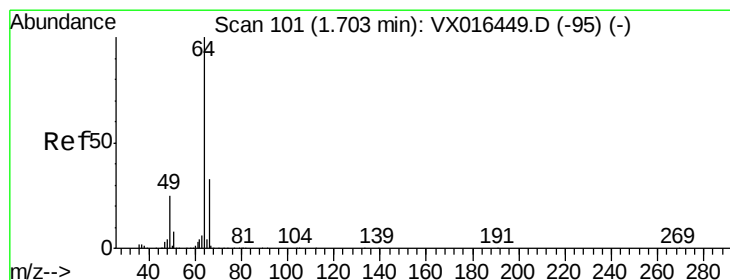
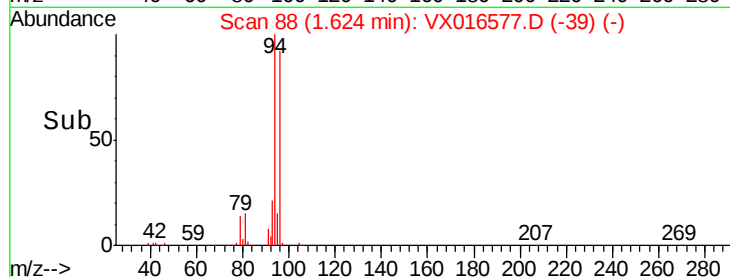
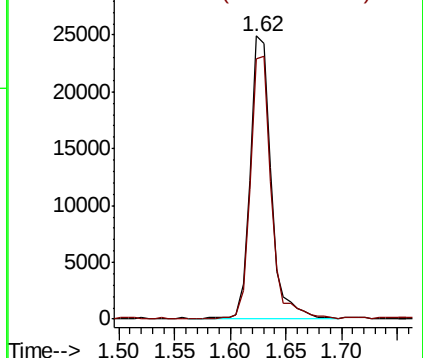
94 100

96 92.1 75.1 112.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 16.906 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.01 min

Lab File: VX016577.D

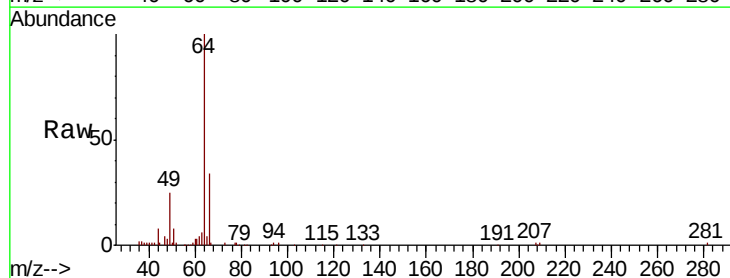
Acq: 04 Jun 2020 11:02

Tgt Ion: 64 Resp: 31499

Ion Ratio Lower Upper

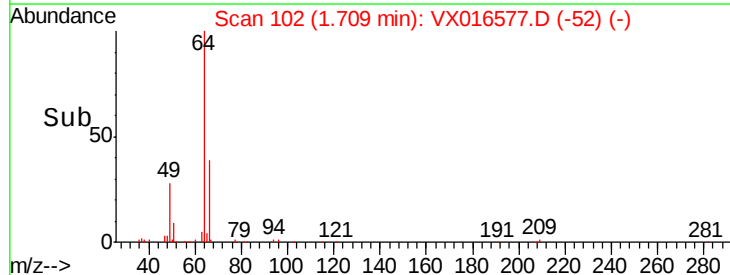
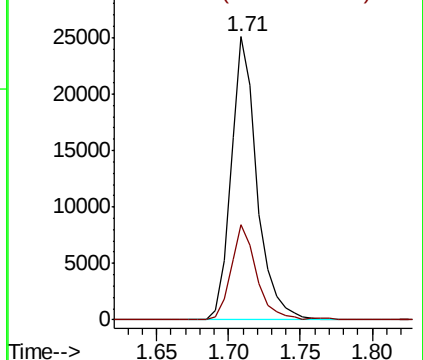
64 100

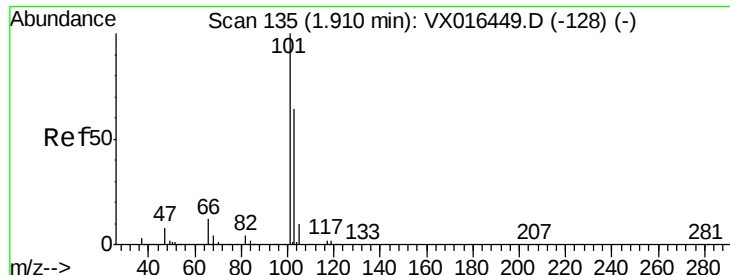
66 33.9 26.7 40.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



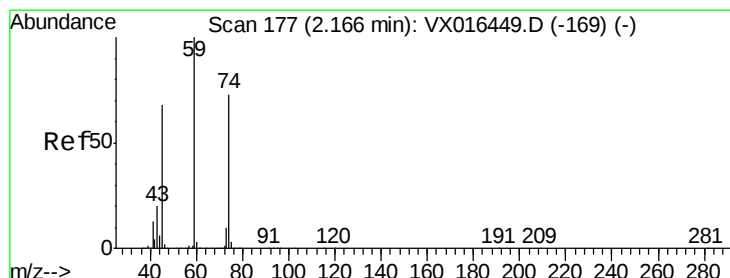
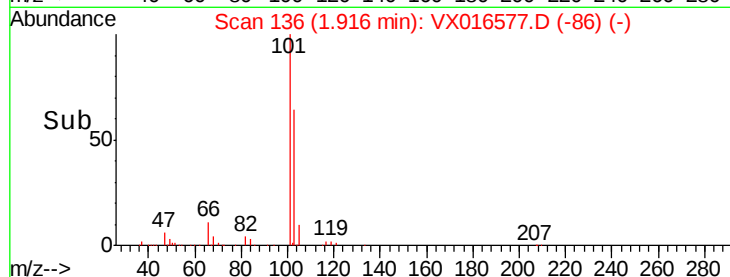
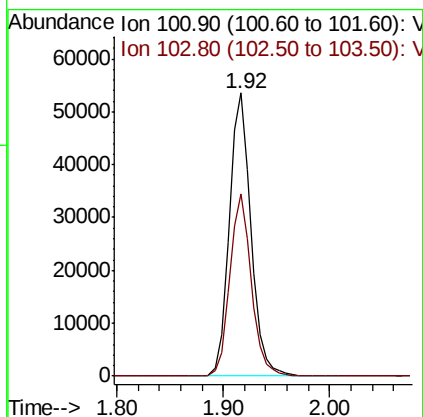
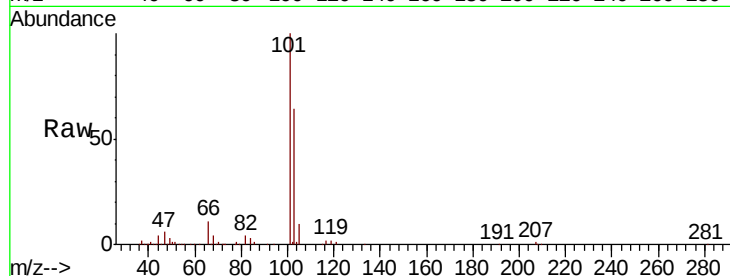


#7

Trichlorofluoromethane
Concen: 18.157 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX016577.D
Acq: 04 Jun 2020 11:02

Instrument :
MSVOA_X
ClientSampleId :

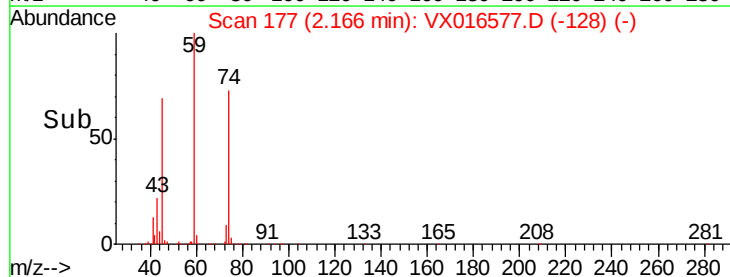
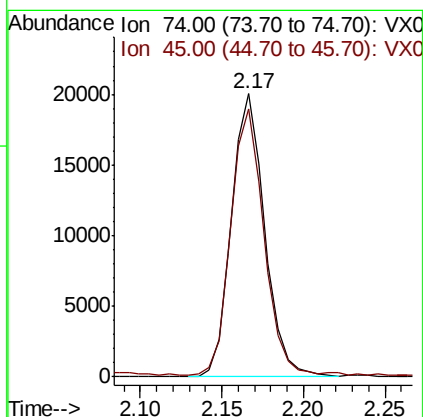
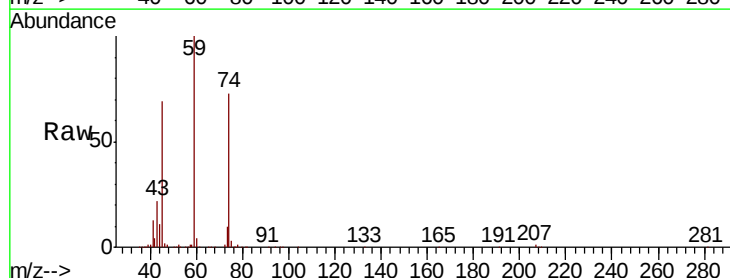
Tot Ion:101 Resp: 76164
Ion Ratio Lower Upper
101 100
103 64.2 50.9 76.3

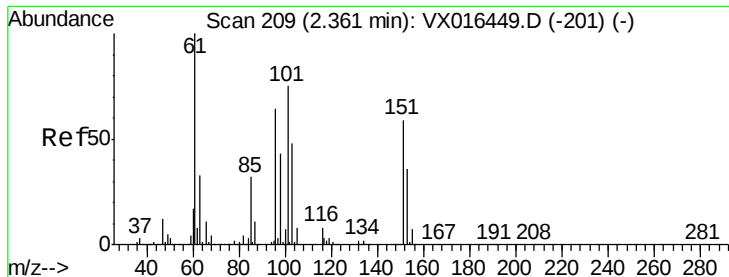


#8

Diethyl Ether
Concen: 16.290 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016577.D
Acq: 04 Jun 2020 11:02

Tgt Ion: 74 Resp: 28494
Ion Ratio Lower Upper
74 100
45 93.3 47.5 142.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.474 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016577.D

Acq: 04 Jun 2020 11:02

Instrument :

MSVOA_X

ClientSampled :

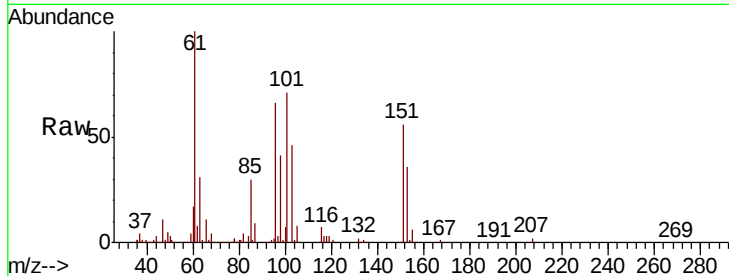
Tot Ion:101 Resp: 42650

Ion Ratio Lower Upper

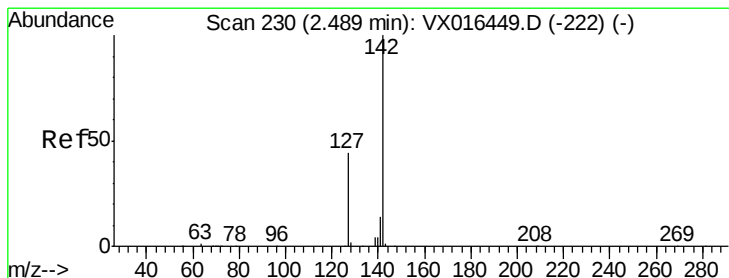
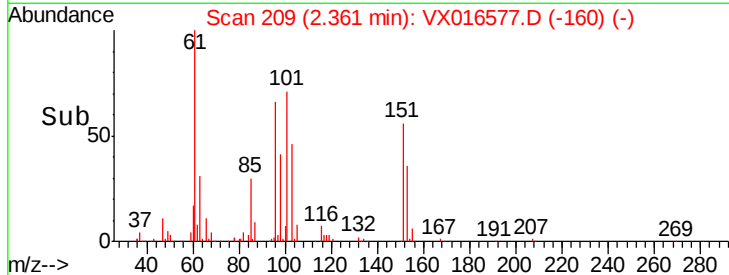
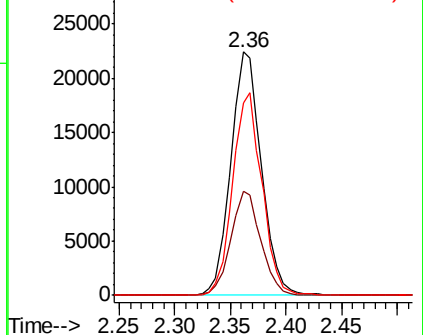
101 100

85 41.6 34.4 51.6

151 79.9 63.8 95.6



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VX0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 15.250 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX016577.D

Acq: 04 Jun 2020 11:02

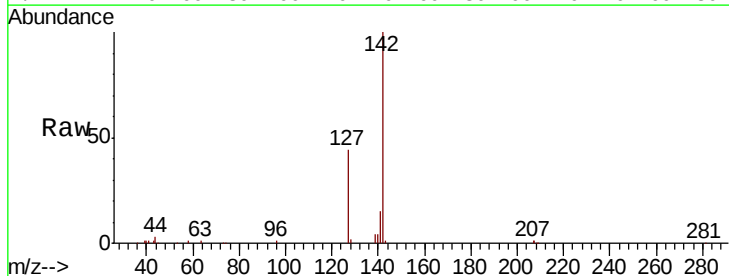
Tgt Ion:142 Resp: 35824

Ion Ratio Lower Upper

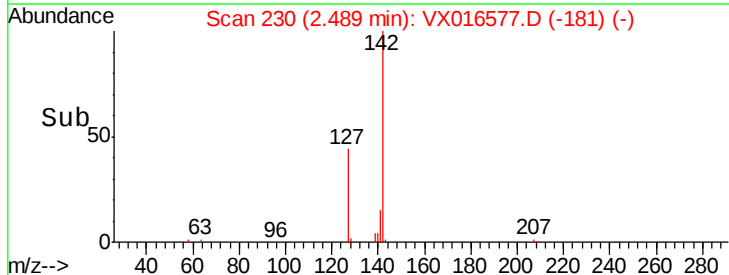
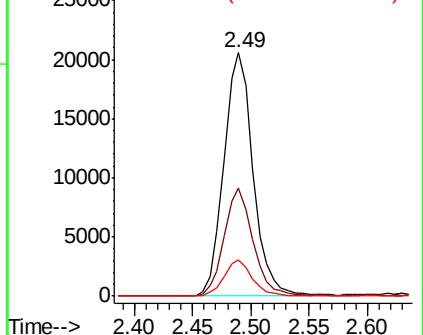
142 100

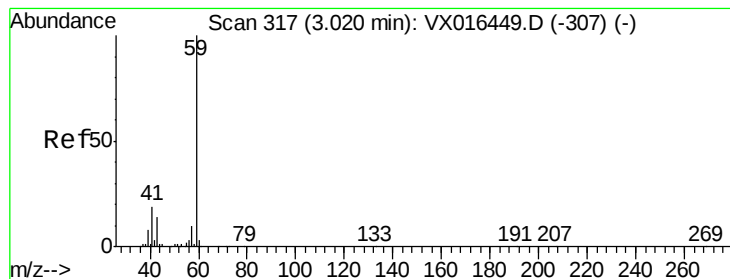
127 43.9 35.3 52.9

141 14.4 11.4 17.2



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V



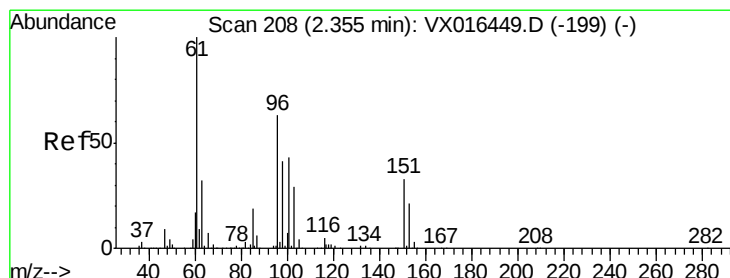
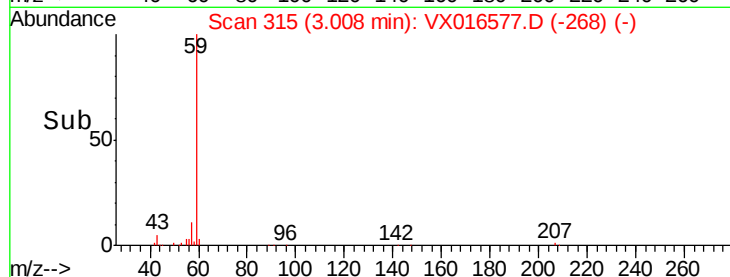
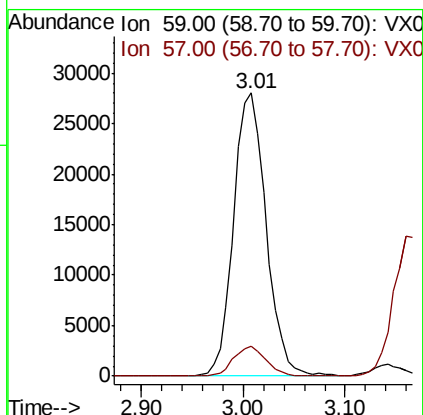
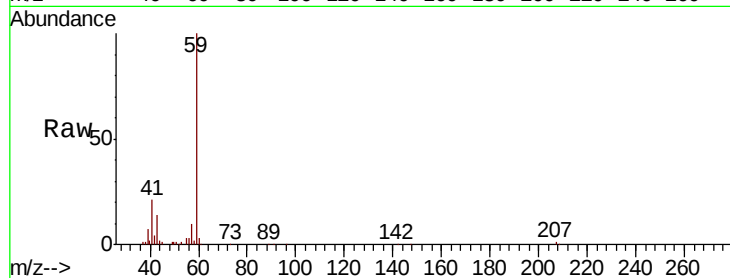


#11

Tert butyl alcohol
 Concen: 76.592 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX016577.D
 Acq: 04 Jun 2020 11:02

Instrument :
 MSVOA_X
 ClientSampleId :

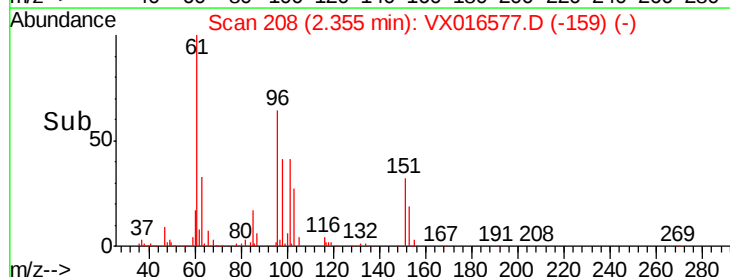
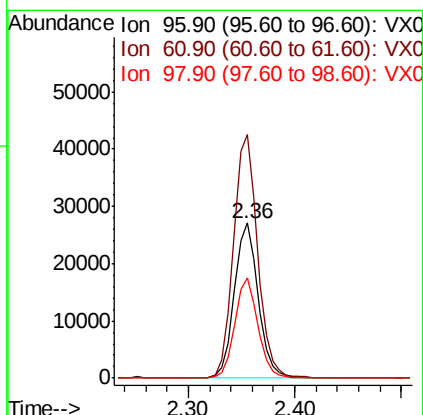
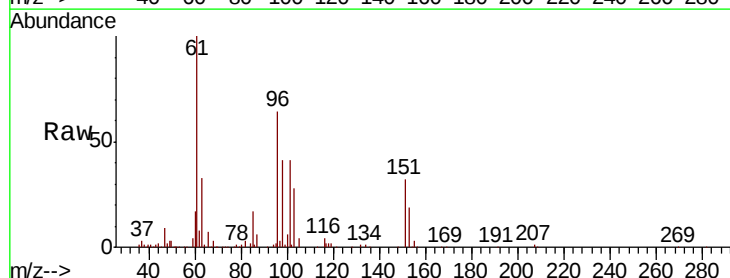
Tot Ion: 59 Resp: 61945
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.2 12.4

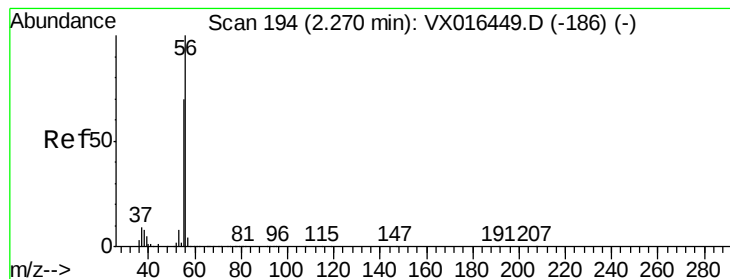


#12

1,1-Dichloroethene
 Concen: 17.595 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX016577.D
 Acq: 04 Jun 2020 11:02

Tgt Ion: 96 Resp: 42997
 Ion Ratio Lower Upper
 96 100
 61 156.8 126.6 189.8
 98 64.5 51.3 76.9





#13

Acrolein

Concen: 100.956 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016577.D

Acq: 04 Jun 2020 11:02

Instrument :

MSVOA_X

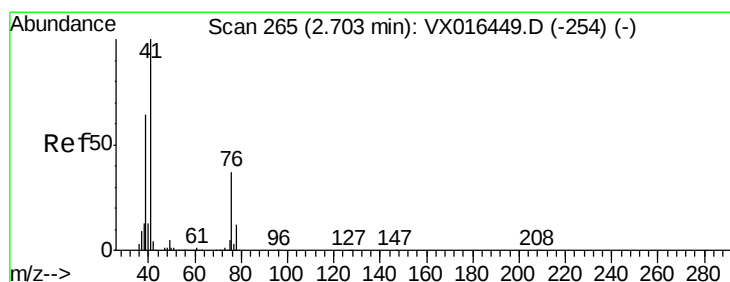
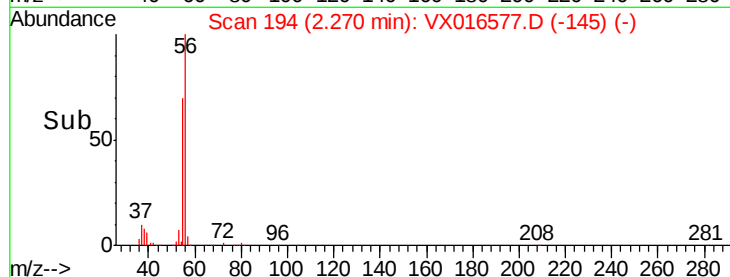
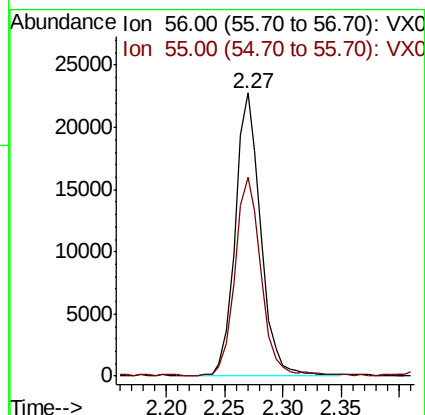
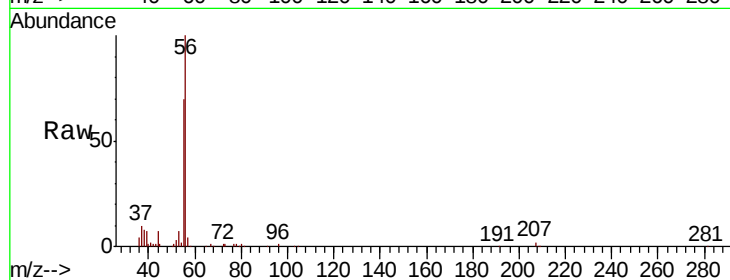
ClientSampled :

Tot Ion: 56 Resp: 34733

Ion Ratio Lower Upper

56 100

55 73.1 58.3 87.5



#14

Allyl chloride

Concen: 15.962 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX016577.D

Acq: 04 Jun 2020 11:02

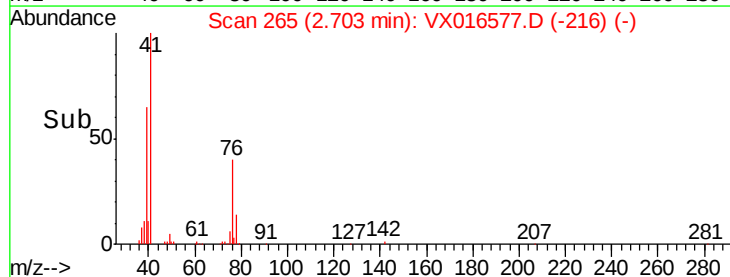
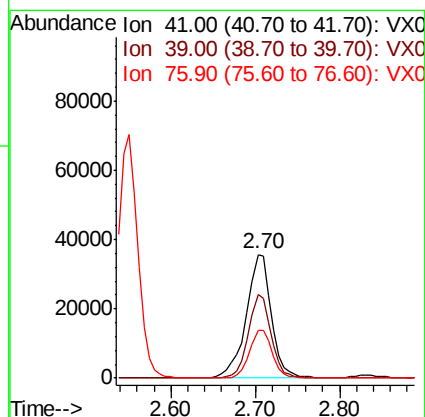
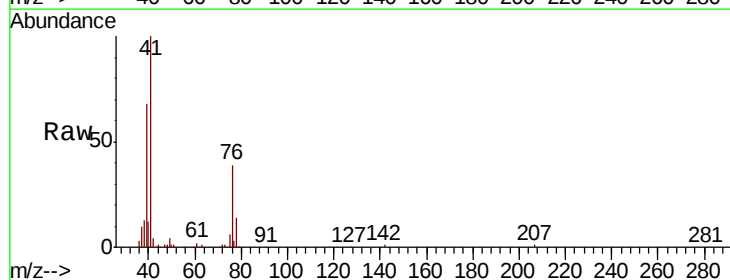
Tgt Ion: 41 Resp: 71735

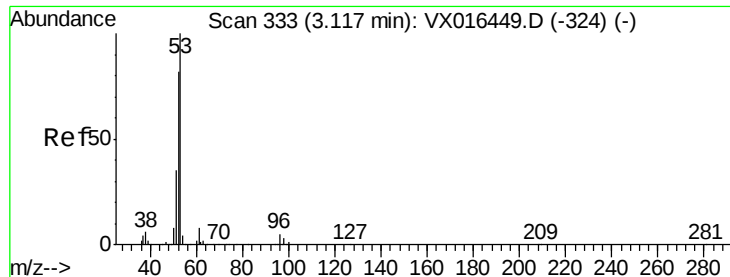
Ion Ratio Lower Upper

41 100

39 61.3 47.7 71.5

76 35.1 26.6 40.0





#15

Acrylonitrile

Concen: 80.211 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX016577.D

Acq: 04 Jun 2020 11:02

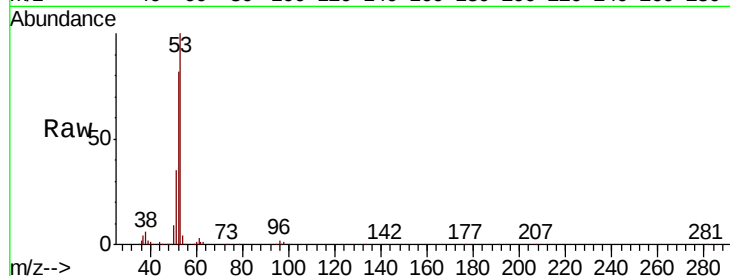
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 53 Resp: 132887

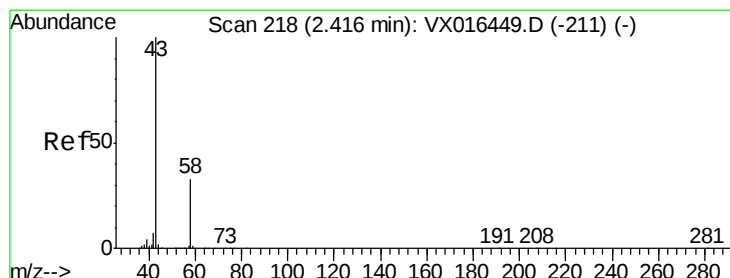
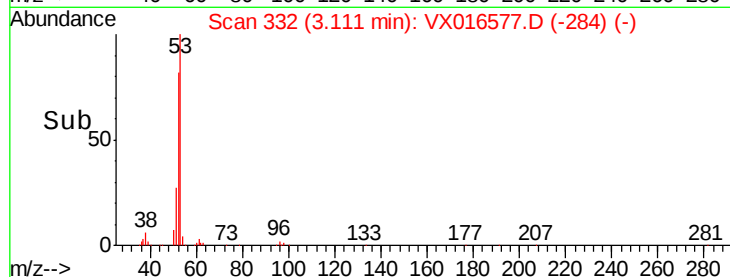
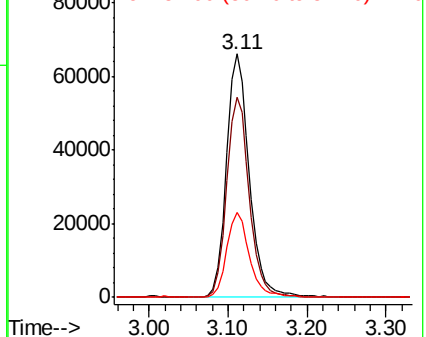
Ion	Ratio	Lower	Upper
53	100		
52	81.4	66.7	100.1
51	35.2	28.6	43.0



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 81.068 ug/l

RT: 2.42 min Scan# 218

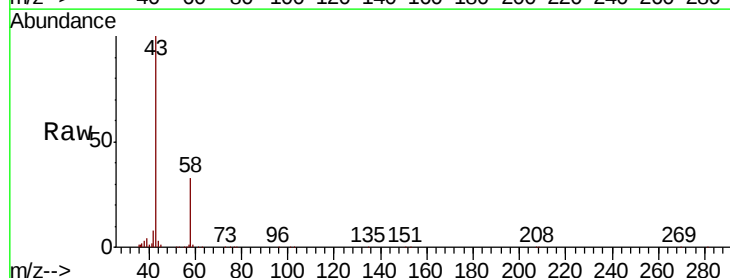
Delta R.T. -0.00 min

Lab File: VX016577.D

Acq: 04 Jun 2020 11:02

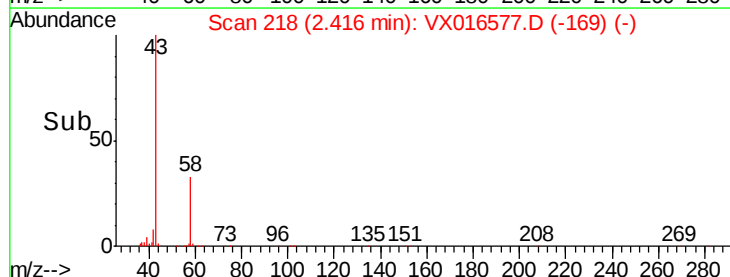
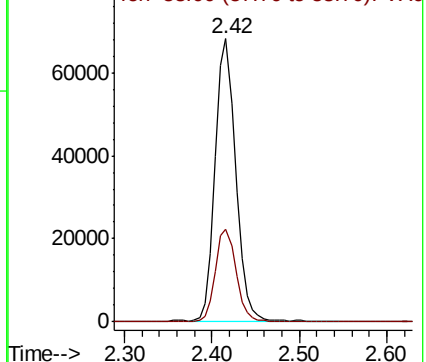
Tgt Ion: 43 Resp: 112021

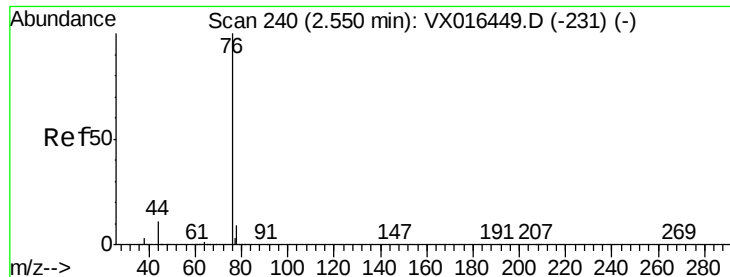
Ion	Ratio	Lower	Upper
43	100		
58	33.0	26.1	39.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 15.759 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX016577.D

Acq: 04 Jun 2020 11:02

Instrument :

MSVOA_X

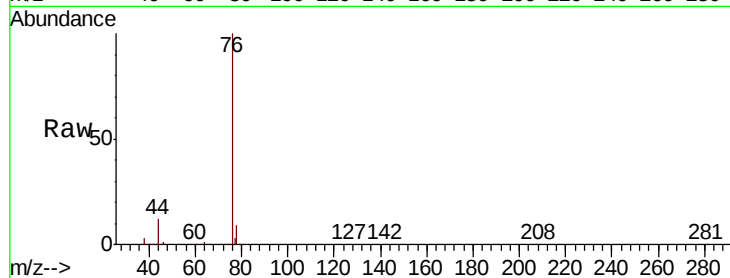
ClientSampleId :

Tot Ion: 76 Resp: 114359

Ion Ratio Lower Upper

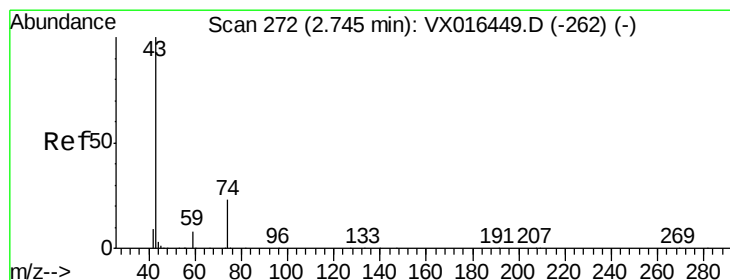
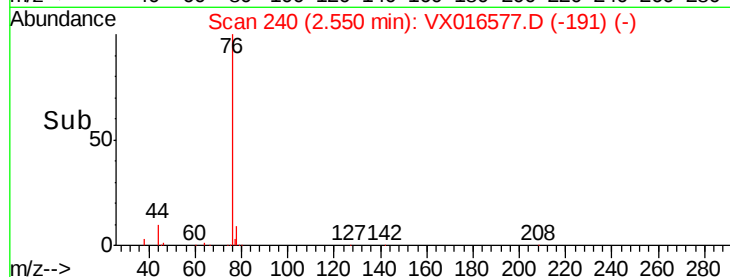
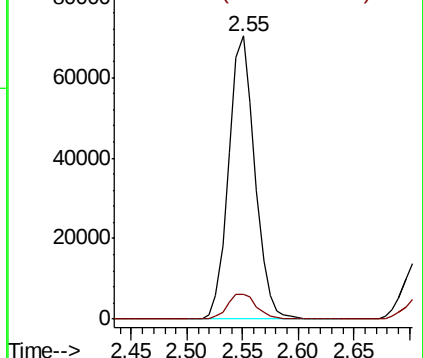
76 100

78 8.8 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 16.118 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.00 min

Lab File: VX016577.D

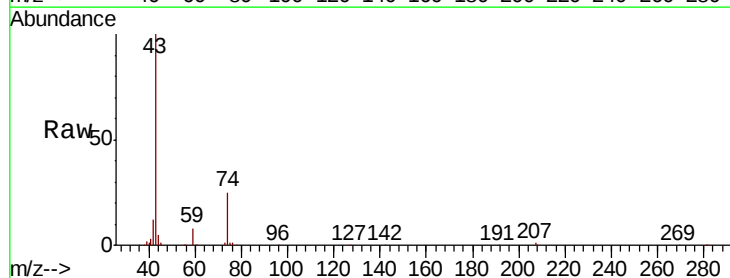
Acq: 04 Jun 2020 11:02

Tgt Ion: 43 Resp: 57124

Ion Ratio Lower Upper

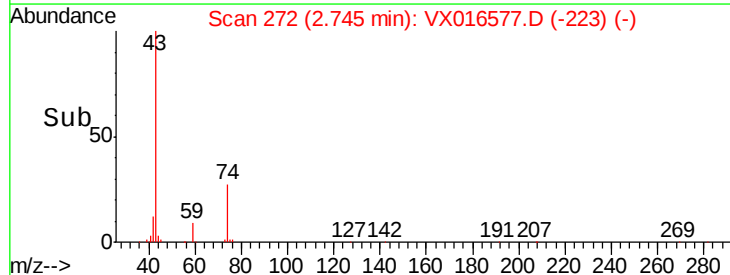
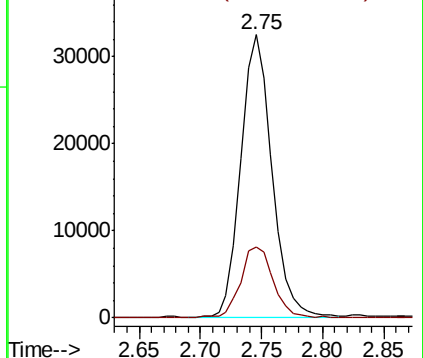
43 100

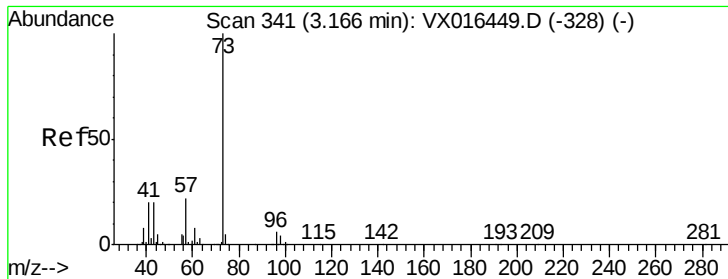
74 26.8 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

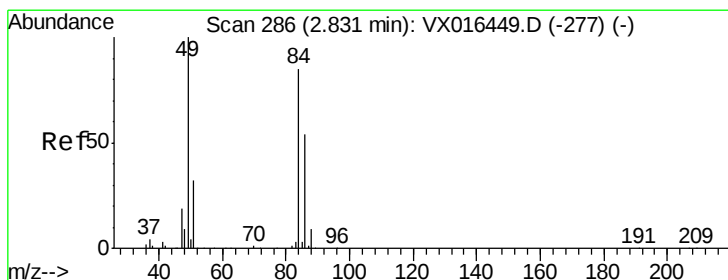
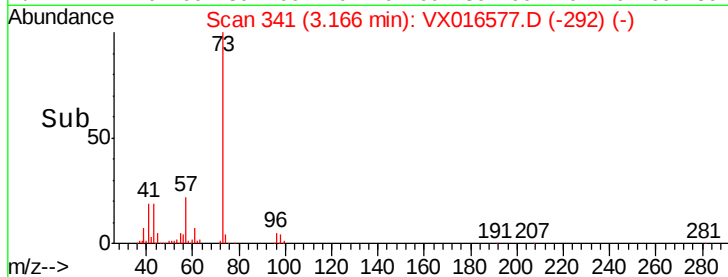
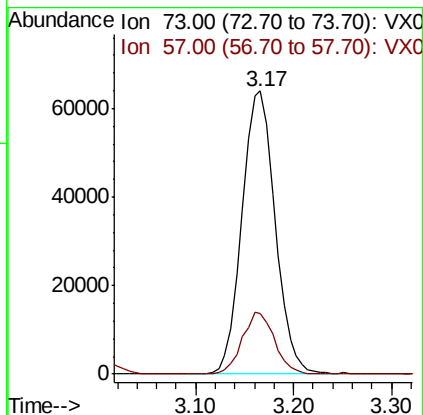
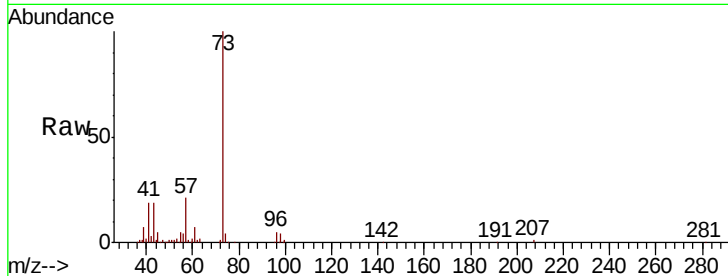




#19
Methyl tert-butyl Ether
Concen: 17.178 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016577.D
Acq: 04 Jun 2020 11:02

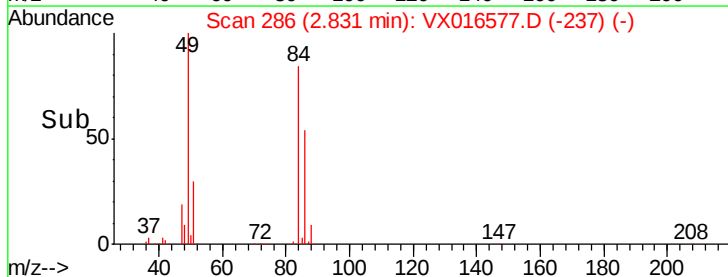
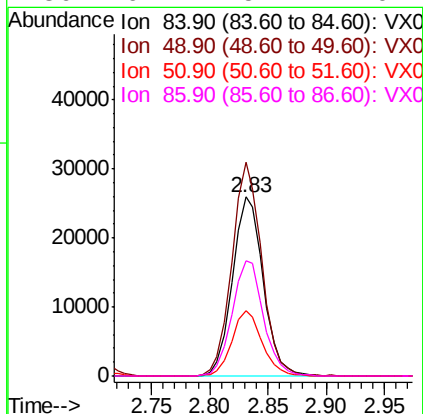
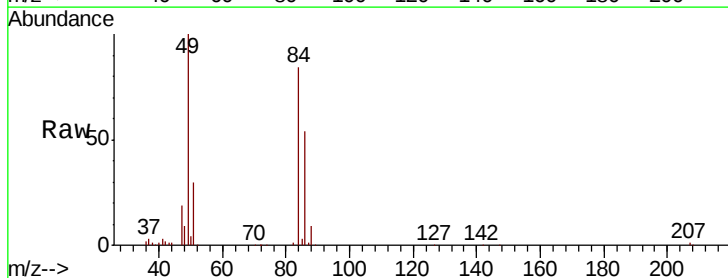
Instrument :
MSVOA_X
ClientSampleId :

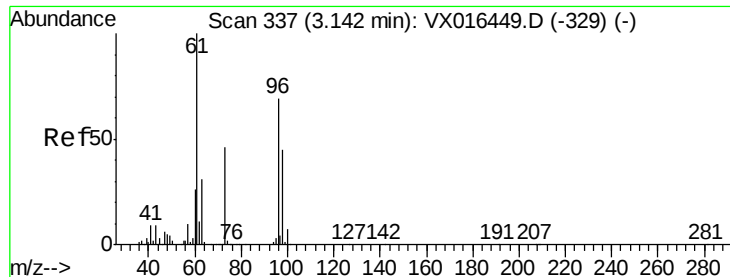
Tot Ion: 73 Resp: 150734
Ion Ratio Lower Upper
73 100
57 21.5 17.8 26.6



#20
Methylene Chloride
Concen: 16.650 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX016577.D
Acq: 04 Jun 2020 11:02

Tgt Ion: 84 Resp: 47600
Ion Ratio Lower Upper
84 100
49 119.5 94.5 141.7
51 36.3 30.2 45.4
86 64.2 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 17.042 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016577.D

Acq: 04 Jun 2020 11:02

Instrument :

MSVOA_X

ClientSampleId :

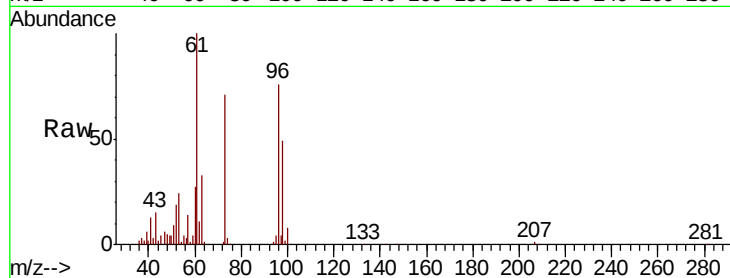
Tot Ion: 96 Resp: 46065

Ion Ratio Lower Upper

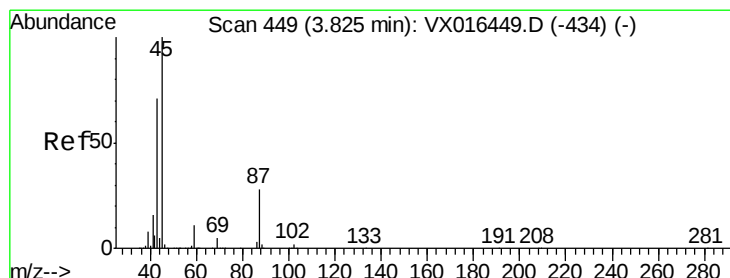
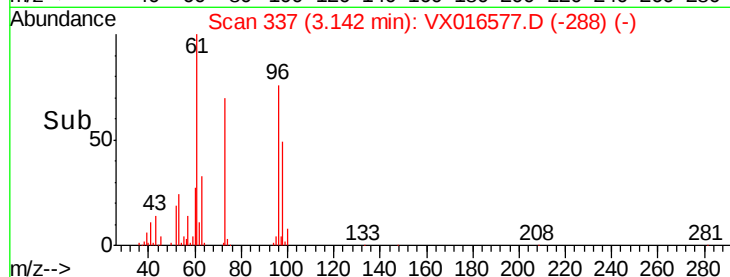
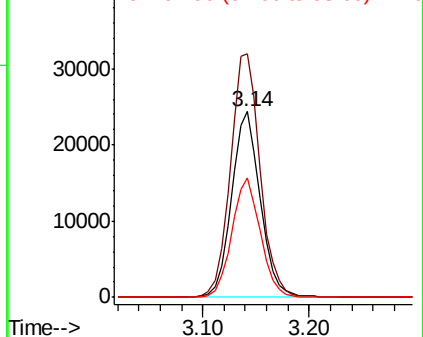
96 100

61 131.3 115.3 172.9

98 64.4 51.9 77.9



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



#22

Diisopropyl ether

Concen: 16.424 ug/l

RT: 3.82 min Scan# 448

Delta R.T. -0.01 min

Lab File: VX016577.D

Acq: 04 Jun 2020 11:02

Tgt Ion: 45 Resp: 141790

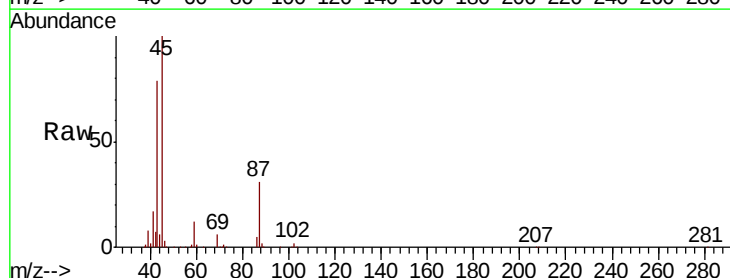
Ion Ratio Lower Upper

45 100

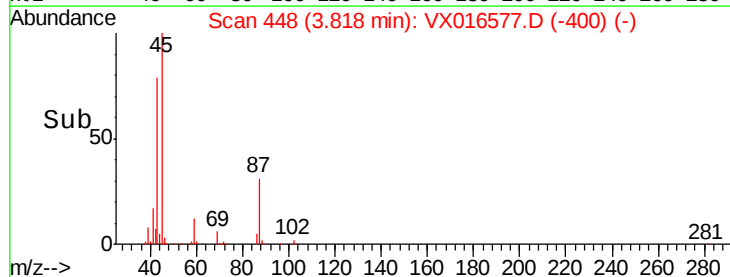
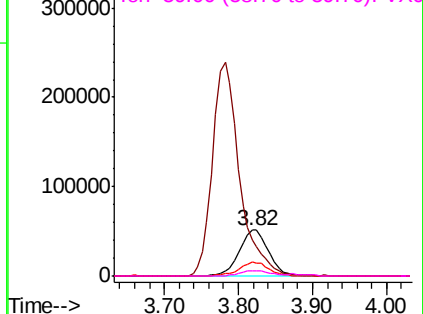
43 78.1 57.0 85.6

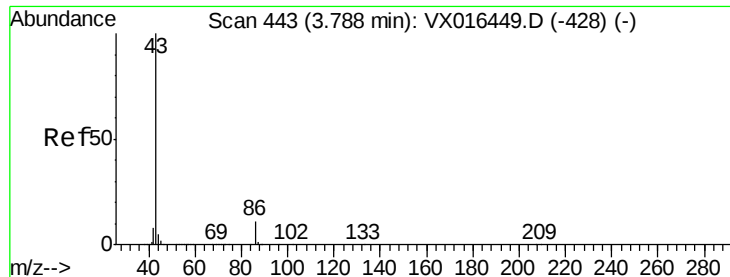
87 30.7 22.5 33.7

59 12.2 9.1 13.7



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 80.318 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016577.D

Acq: 04 Jun 2020 11:02

Instrument :

MSVOA_X

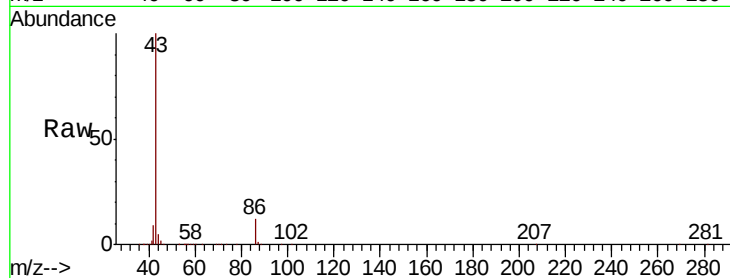
ClientSampled :

Tot Ion: 43 Resp: 606945

Ion Ratio Lower Upper

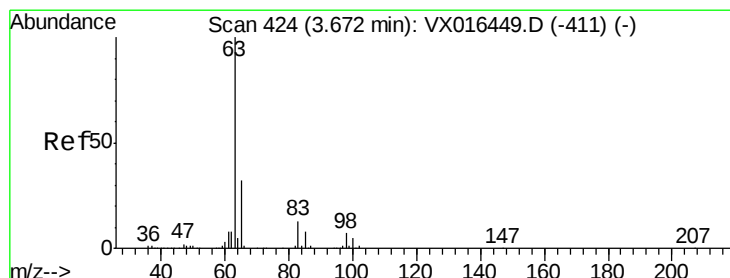
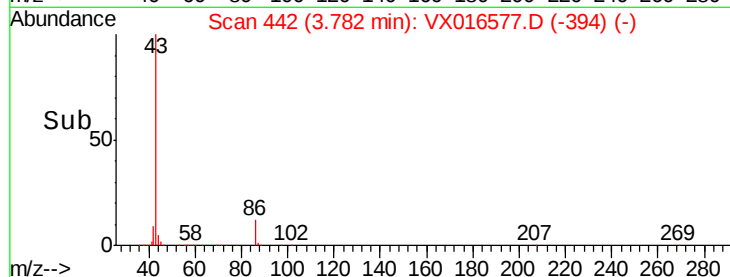
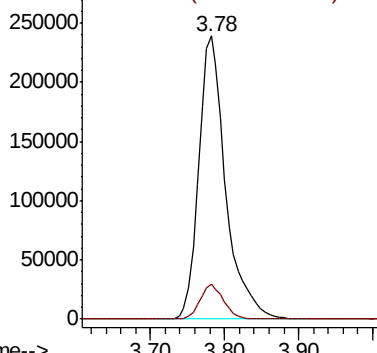
43 100

86 12.5 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 17.031 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016577.D

Acq: 04 Jun 2020 11:02

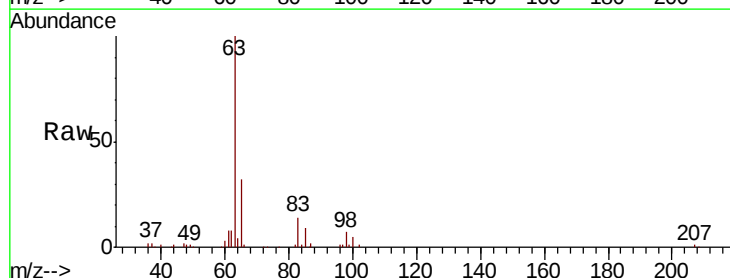
Tgt Ion: 63 Resp: 82988

Ion Ratio Lower Upper

63 100

98 6.9 3.6 10.9

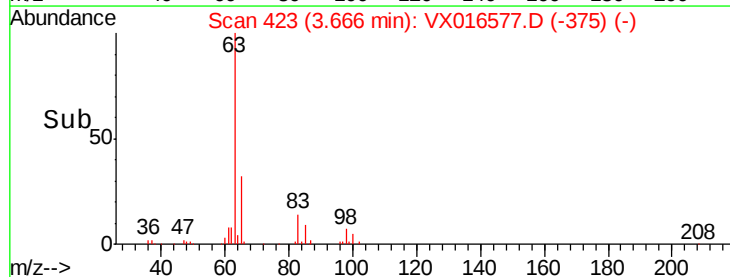
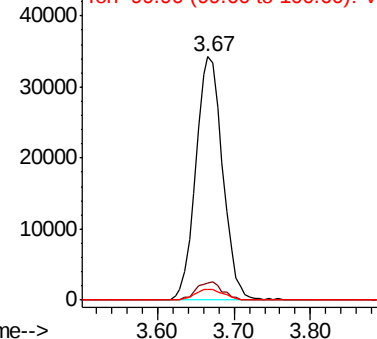
100 4.6 2.4 7.1

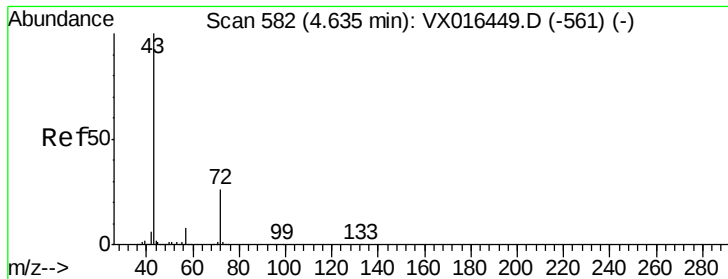


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 77.543 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX016577.D

Acq: 04 Jun 2020 11:02

Instrument :

MSVOA_X

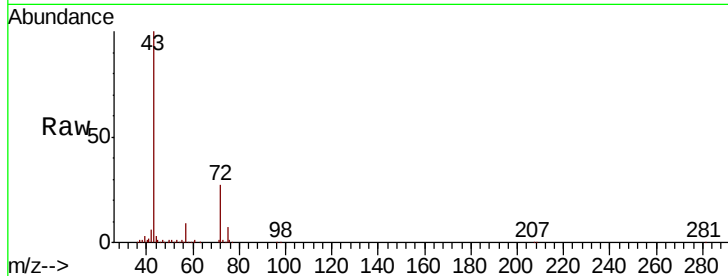
ClientSampleId :

Tot Ion: 43 Resp: 181561

Ion Ratio Lower Upper

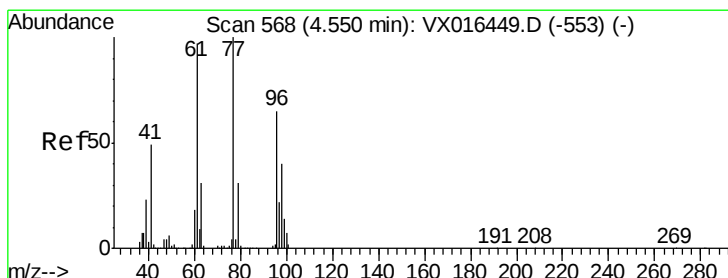
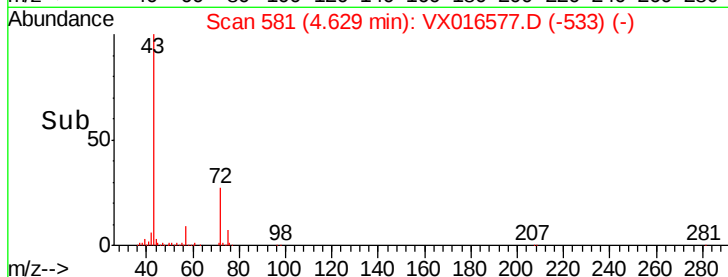
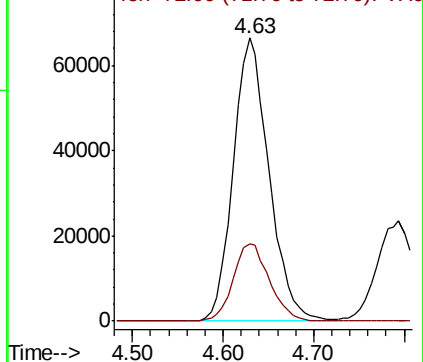
43 100

72 27.0 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 19.433 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016577.D

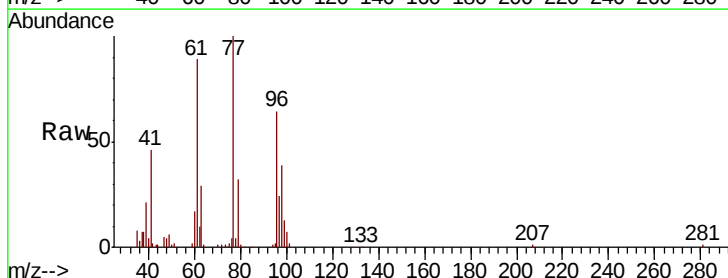
Acq: 04 Jun 2020 11:02

Tgt Ion: 77 Resp: 77484

Ion Ratio Lower Upper

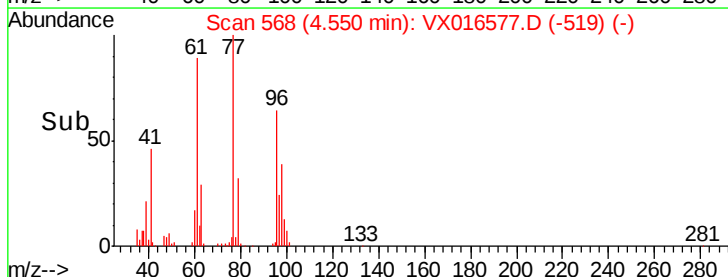
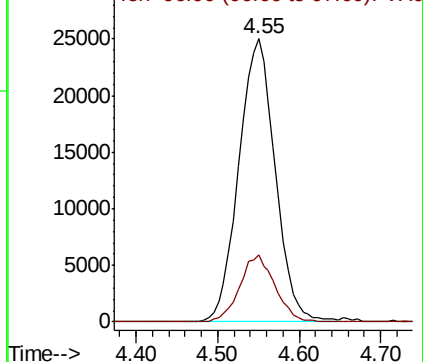
77 100

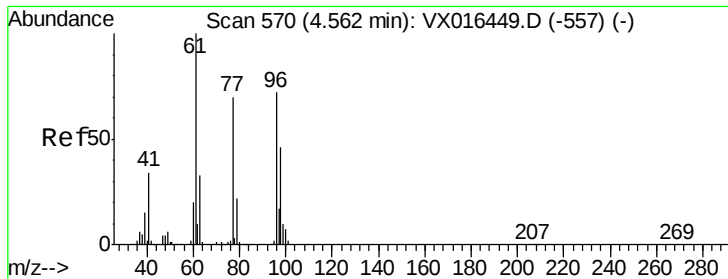
97 22.7 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



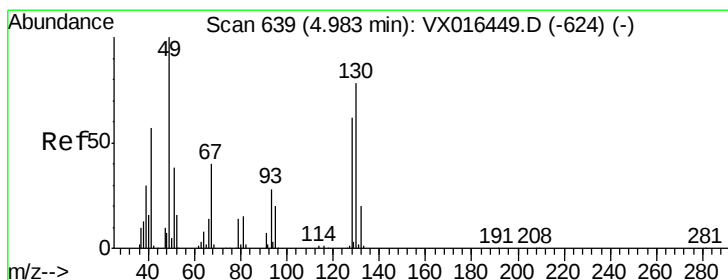
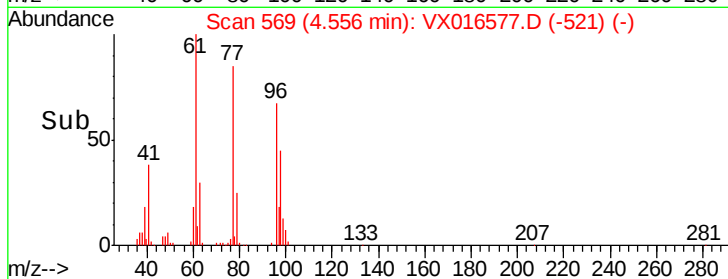
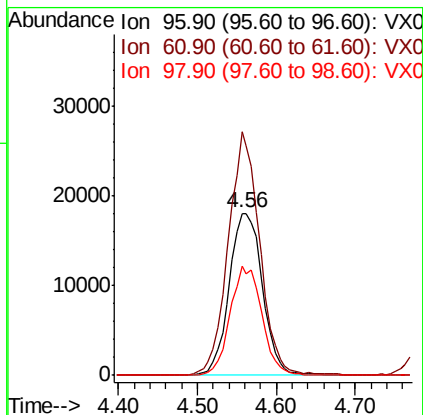
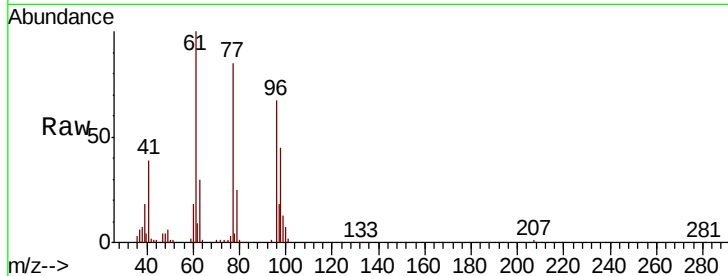


#27

cis-1,2-Dichloroethene
 Concen: 16.897 ug/l
 RT: 4.56 min Scan# 569
 Delta R.T. -0.01 min
 Lab File: VX016577.D
 Acq: 04 Jun 2020 11:02

Instrument :
 MSVOA_X
 ClientSampleId :

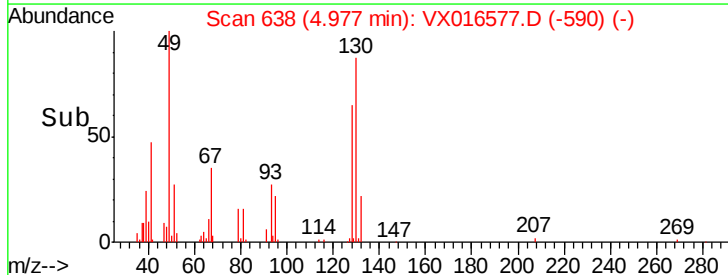
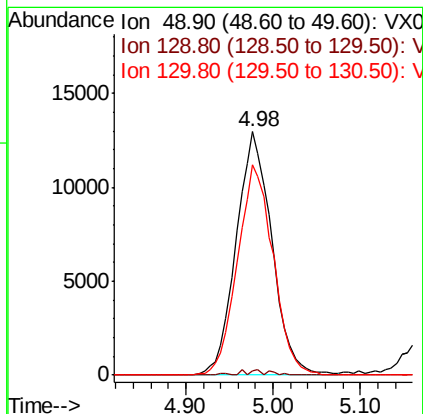
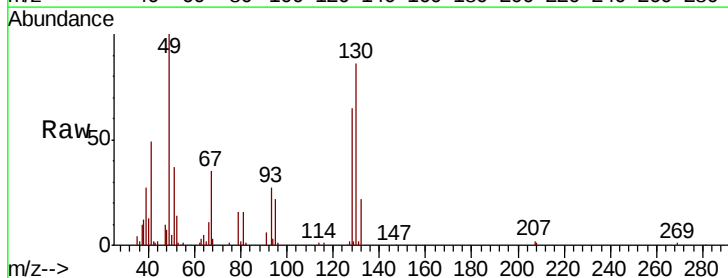
Tot Ion	Ratio	Lower	Upper
96	100		
61	142.3	0.0	284.6
98	64.2	0.0	127.2



#28

Bromochloromethane
 Concen: 16.220 ug/l
 RT: 4.98 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: VX016577.D
 Acq: 04 Jun 2020 11:02

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.8	0.0	4.0
130	86.5	63.0	94.4





#29

Tetrahydrofuran

Concen: 77.331 ug/l

RT: 5.09 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX016577.D

Acq: 04 Jun 2020 11:02

Instrument :

MSVOA_X

ClientSampled :

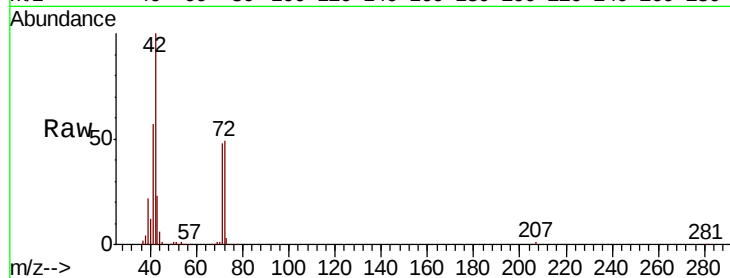
Tot Ion: 42 Resp: 116976

Ion Ratio Lower Upper

42 100

72 49.2 37.0 55.4

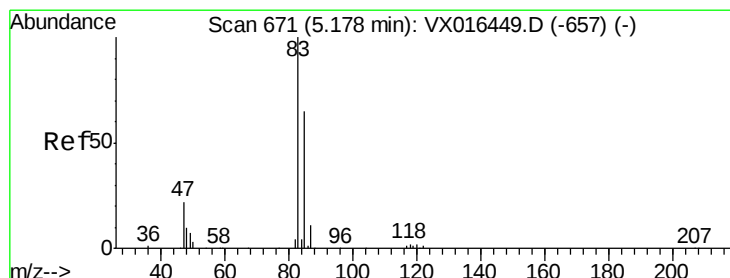
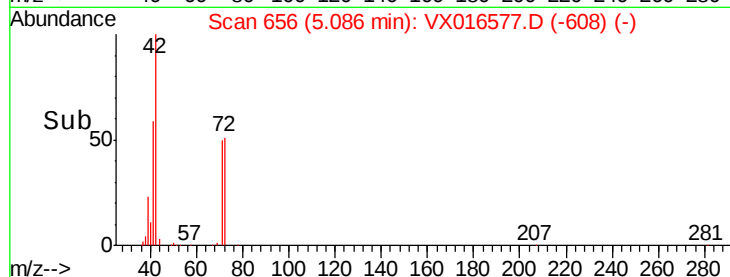
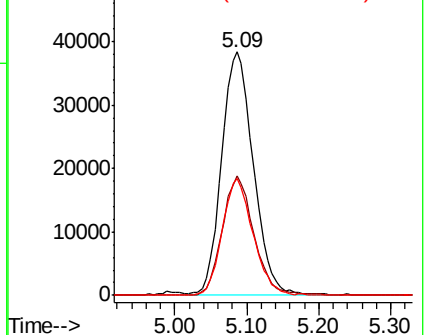
71 46.9 34.1 51.1



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: 17.387 ug/l

RT: 5.17 min Scan# 670

Delta R.T. -0.01 min

Lab File: VX016577.D

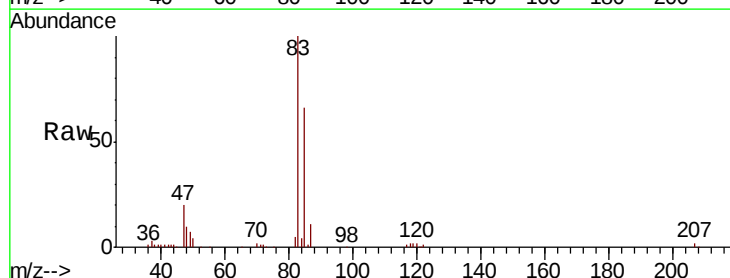
Acq: 04 Jun 2020 11:02

Tgt Ion: 83 Resp: 85370

Ion Ratio Lower Upper

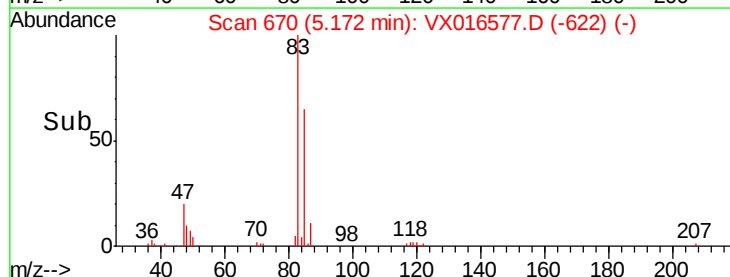
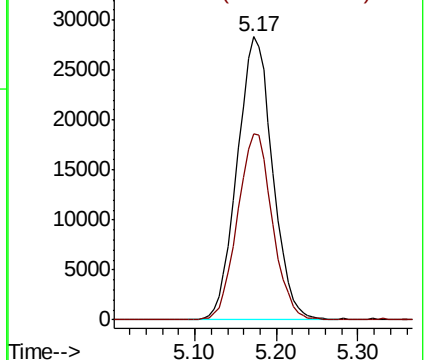
83 100

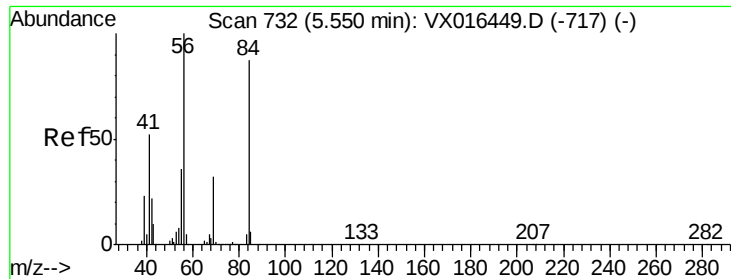
85 65.9 52.0 78.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 15.927 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX016577.D

Acq: 04 Jun 2020 11:02

Instrument :

MSVOA_X

ClientSampleId :

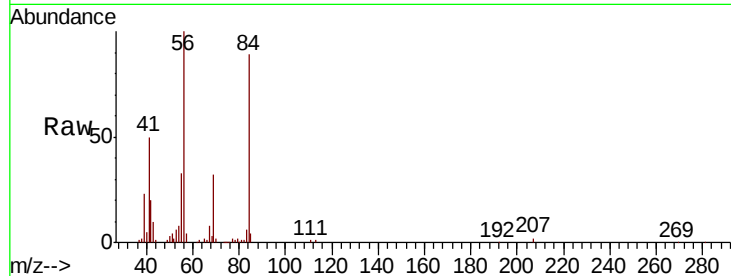
Tot Ion: 56 Resp: 69820

Ion Ratio Lower Upper

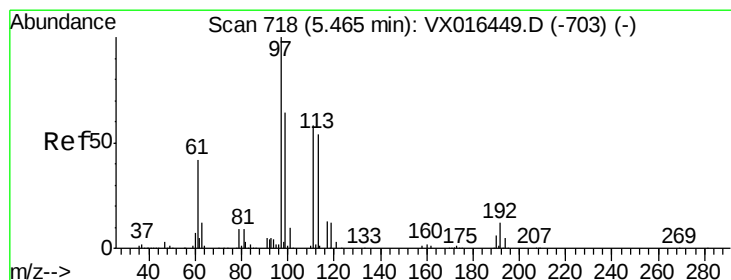
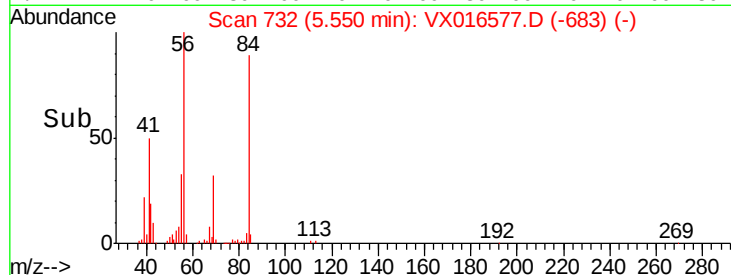
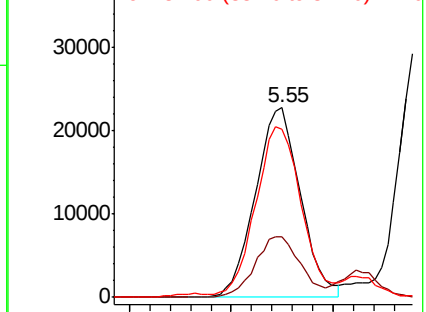
56 100

69 32.1 25.7 38.5

84 87.2 70.0 105.0



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 17.775 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX016577.D

Acq: 04 Jun 2020 11:02

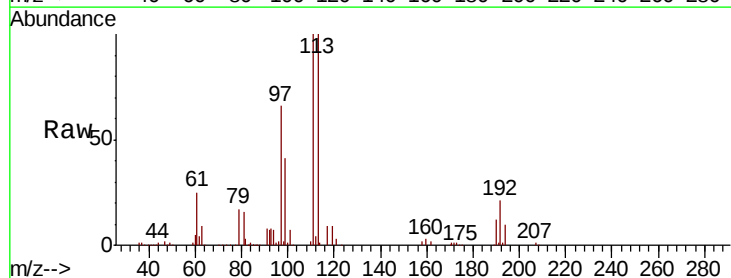
Tgt Ion: 97 Resp: 79013

Ion Ratio Lower Upper

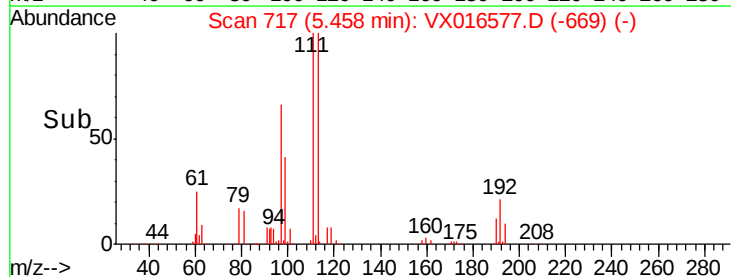
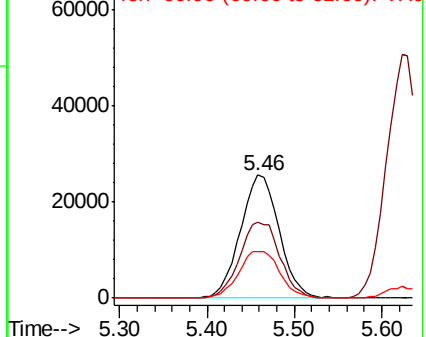
97 100

99 64.0 51.4 77.2

61 40.5 33.5 50.3



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 45.263 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX016577.D

Acq: 04 Jun 2020 11:02

Instrument :

MSVOA_X

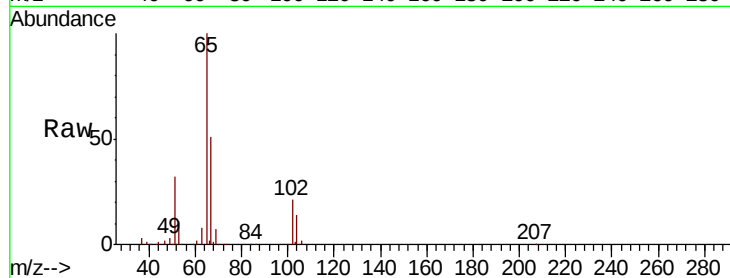
ClientSampleId :

Tot Ion: 65 Resp: 142757

Ion Ratio Lower Upper

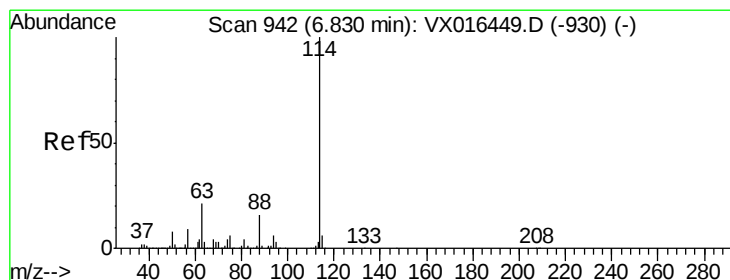
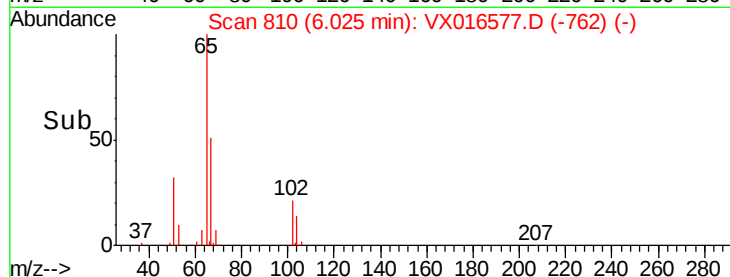
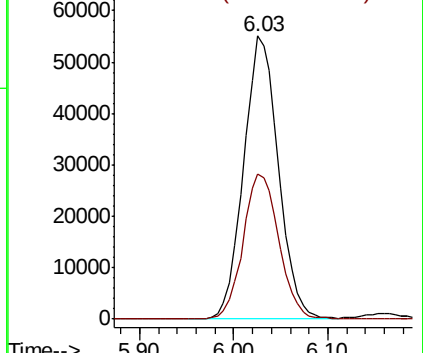
65 100

67 52.6 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016577.D

Acq: 04 Jun 2020 11:02

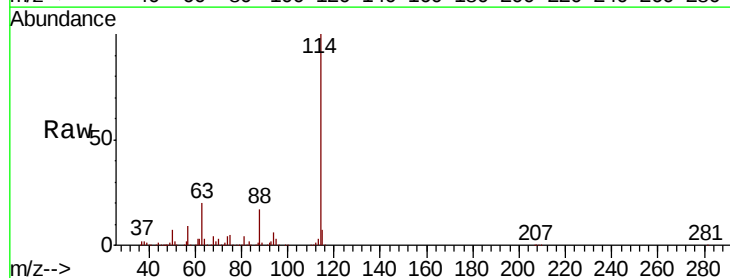
Tgt Ion: 114 Resp: 378579

Ion Ratio Lower Upper

114 100

63 20.3 0.0 42.6

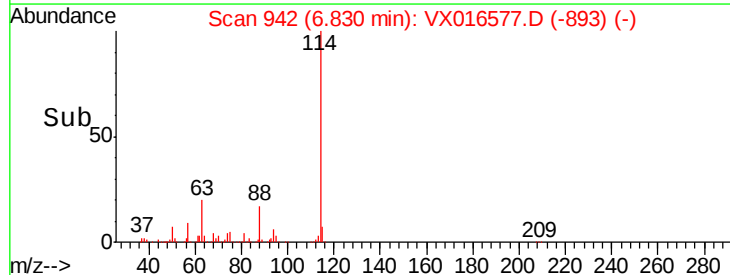
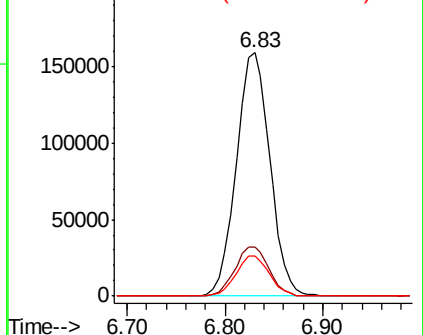
88 16.7 0.0 32.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

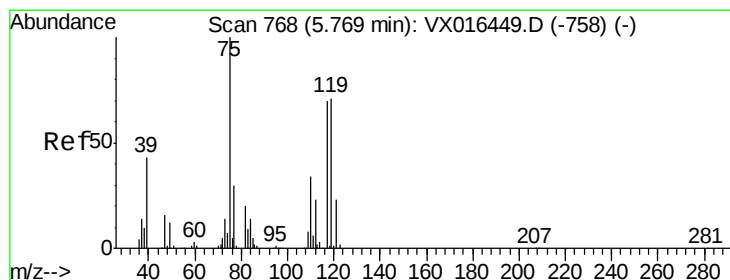
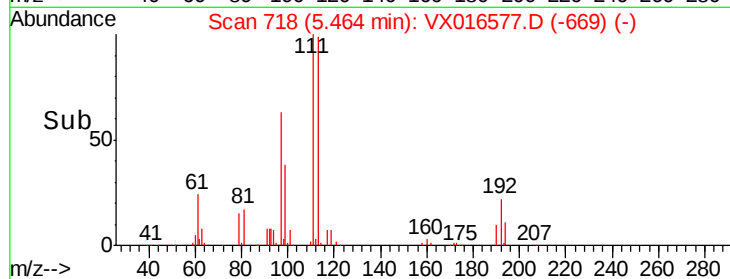
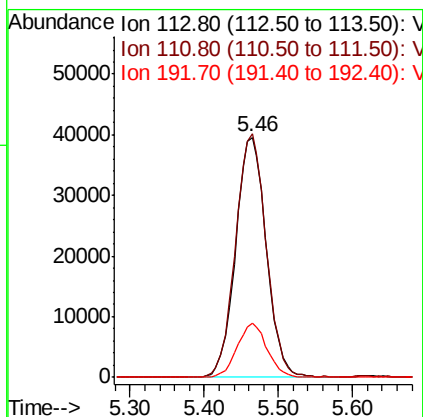
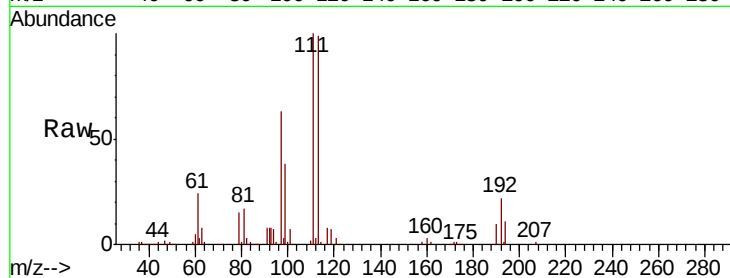




#35
 Dibromofluoromethane
 Concen: 49.085 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: VX016577.D
 Acq: 04 Jun 2020 11:02

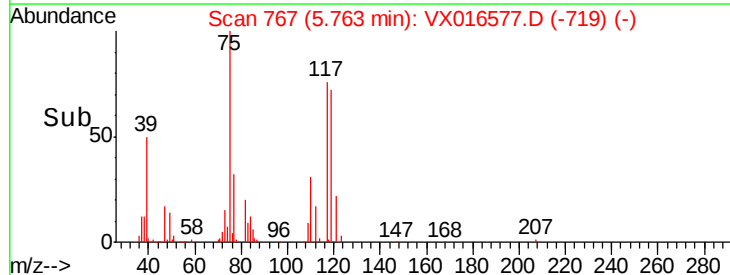
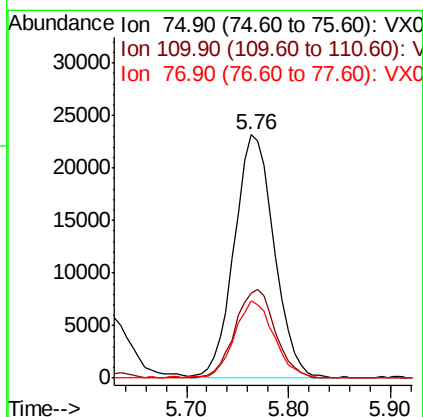
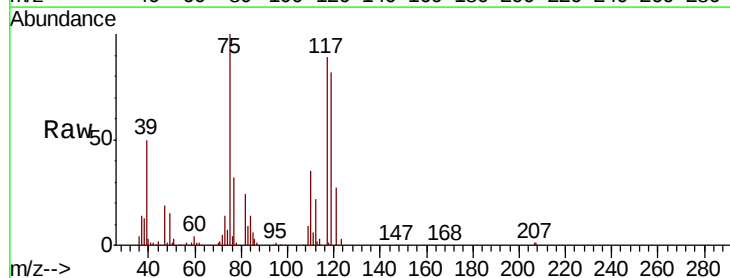
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.2	83.0	124.6
192	22.0	17.7	26.5



#36
 1,1-Dichloropropene
 Concen: 17.439 ug/l
 RT: 5.76 min Scan# 767
 Delta R.T. -0.01 min
 Lab File: VX016577.D
 Acq: 04 Jun 2020 11:02

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.1	17.4	52.3
77	31.9	24.2	36.4

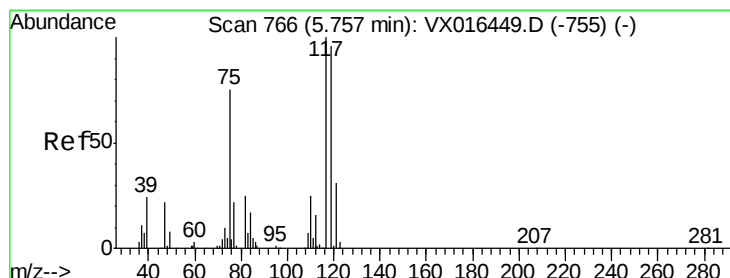
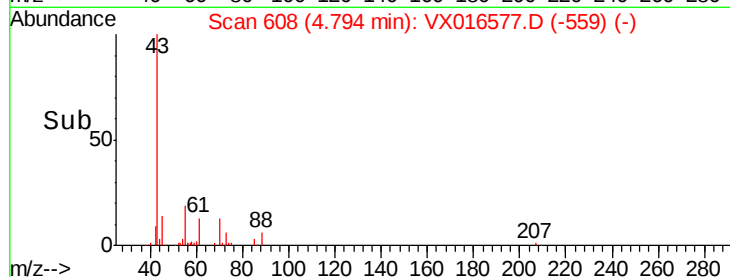
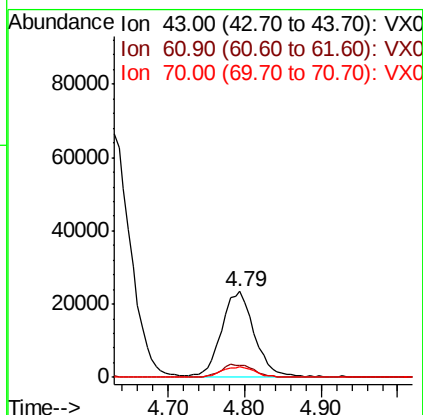
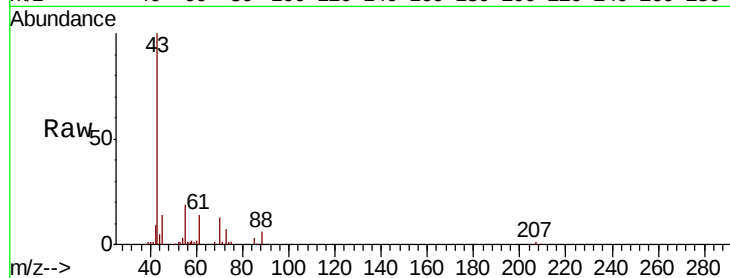




#37
Ethyl Acetate
Concen: 16.015 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX016577.D
Acq: 04 Jun 2020 11:02

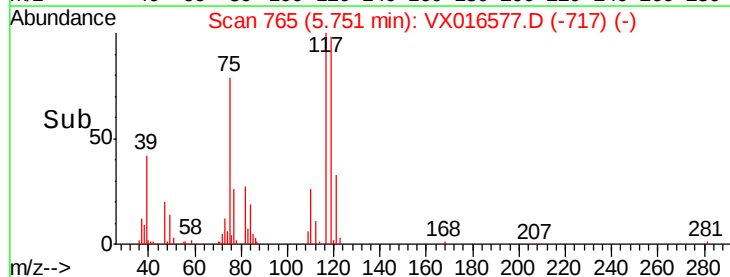
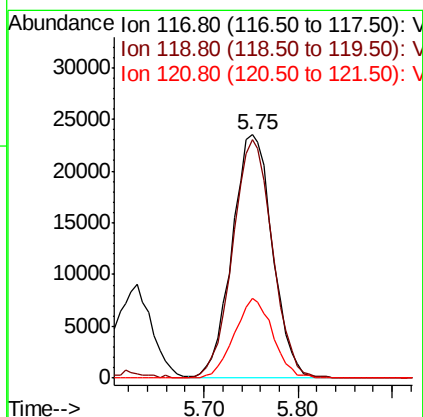
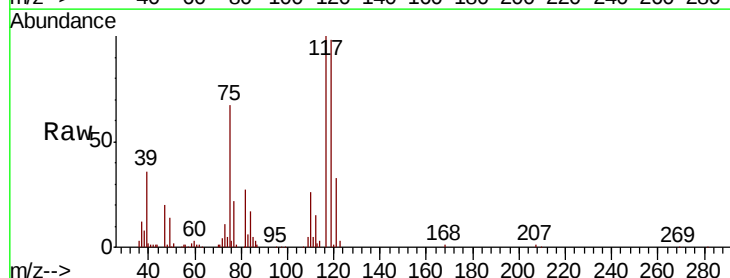
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 68917
Ion Ratio Lower Upper
43 100
61 15.9 11.3 16.9
70 12.8 9.3 13.9



#38
Carbon Tetrachloride
Concen: 18.646 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016577.D
Acq: 04 Jun 2020 11:02

Tgt Ion: 117 Resp: 70238
Ion Ratio Lower Upper
117 100
119 97.8 76.3 114.5
121 32.5 24.6 37.0

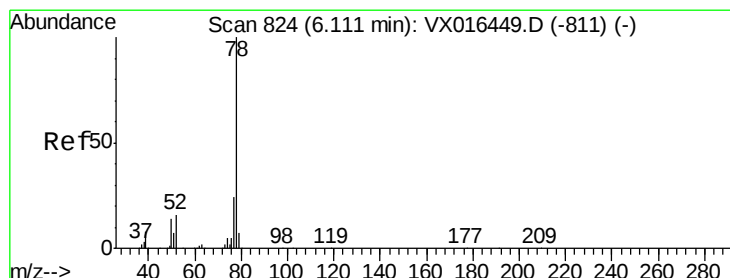
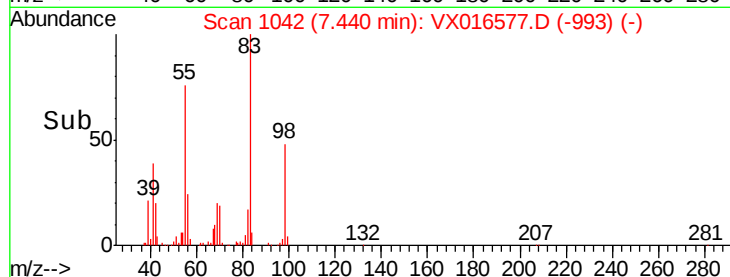
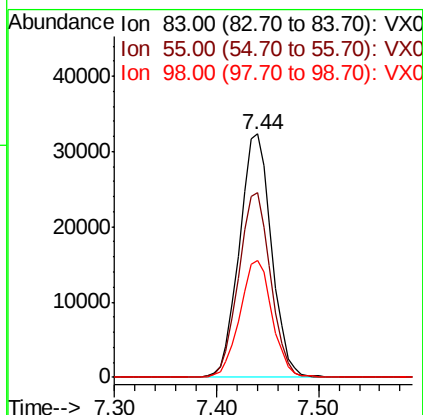
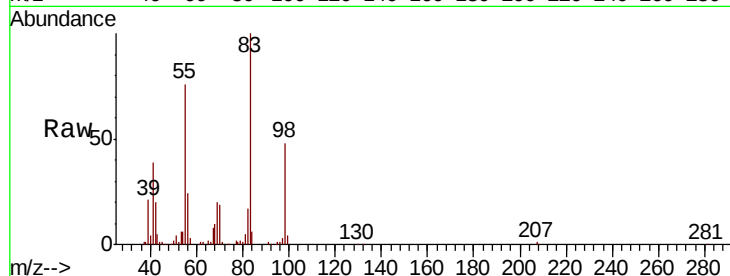




#39
Methvlcvclohexane
Concen: 18.185 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016577.D
Acq: 04 Jun 2020 11:02

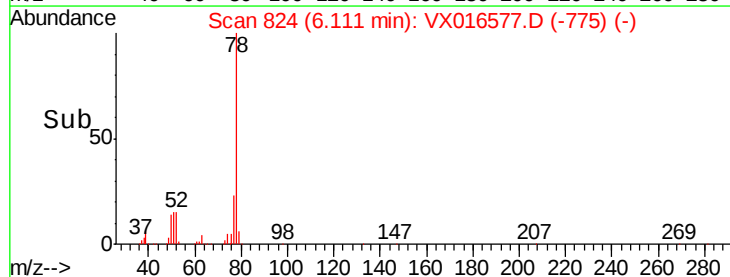
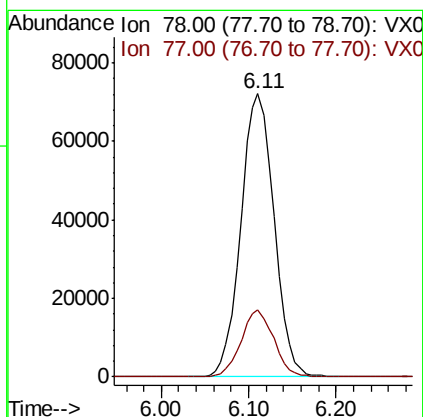
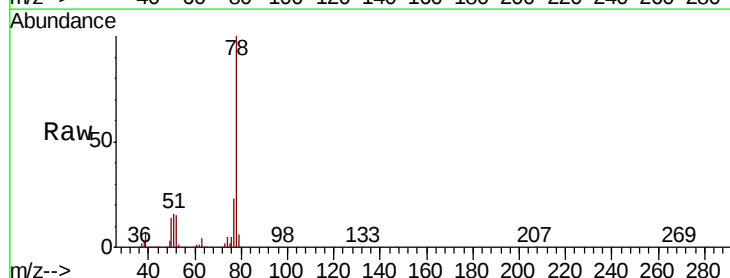
Instrument :
MSVOA_X
ClientSampleId :

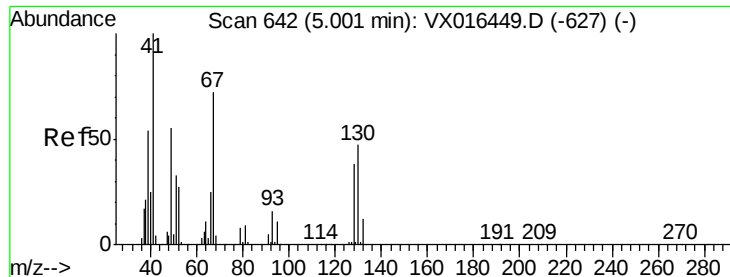
Tot Ion: 83 Resp: 70798
Ion Ratio Lower Upper
83 100
55 76.0 61.7 92.5
98 47.8 38.7 58.1



#40
Benzene
Concen: 17.836 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX016577.D
Acq: 04 Jun 2020 11:02

Tgt Ion: 78 Resp: 190384
Ion Ratio Lower Upper
78 100
77 23.5 18.9 28.3

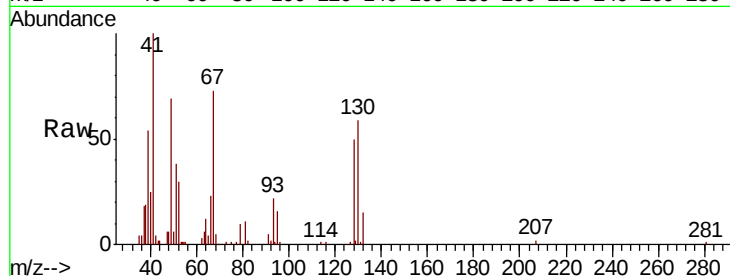




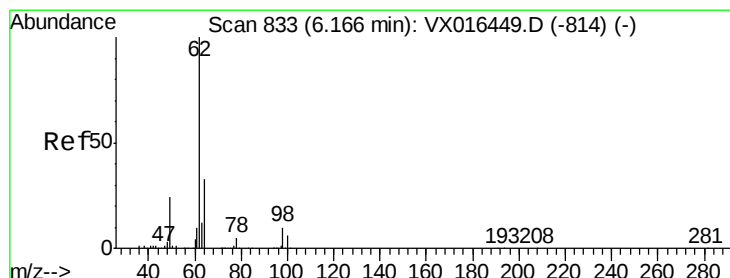
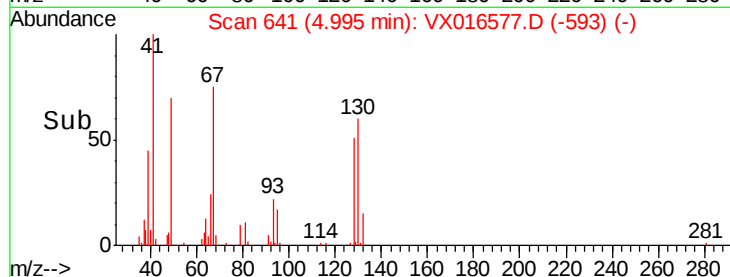
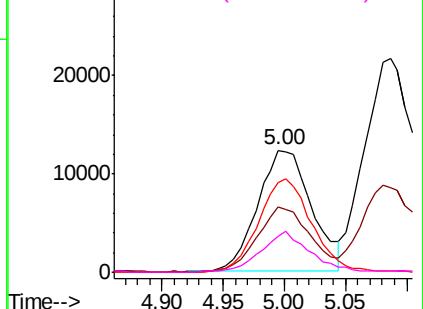
#41
Methacrylonitrile
Concen: 16.052 ug/l
RT: 5.00 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX016577.D
Acq: 04 Jun 2020 11:02

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	41	Resp:	37943
Ion	Ratio	Lower	Upper
41	100		
39	53.1	43.0	64.4
67	76.0	58.9	88.3
52	30.8	23.1	34.7

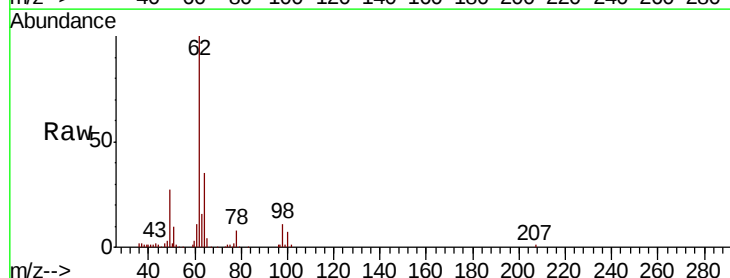


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

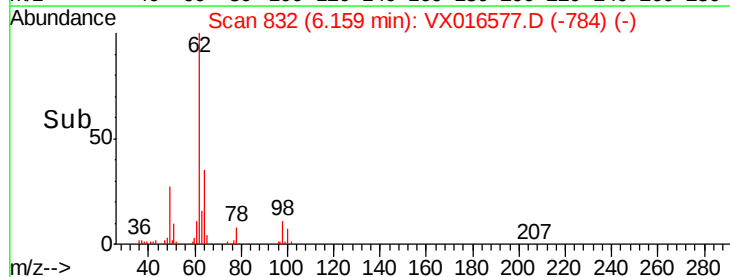
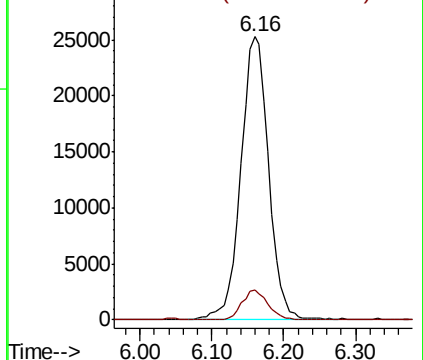


#42
1,2-Dichloroethane
Concen: 17.849 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX016577.D
Acq: 04 Jun 2020 11:02

Tgt Ion:	62	Resp:	67754
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	19.8



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





#43

Isopropyl Acetate

Concen: 16.451 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX016577.D

Acq: 04 Jun 2020 11:02

Instrument :

MSVOA_X

ClientSampleId :

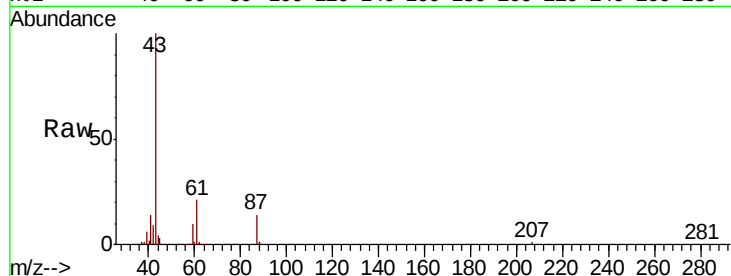
Tot Ion: 43 Resp: 110427

Ion Ratio Lower Upper

43 100

61 21.7 16.8 25.2

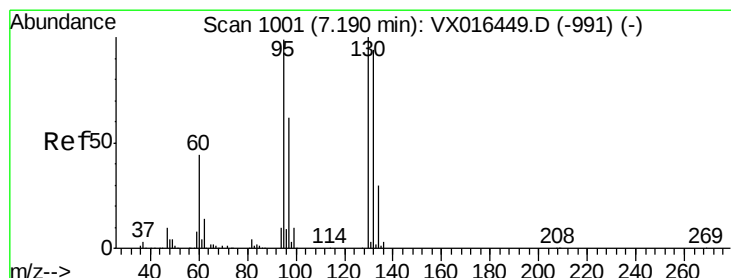
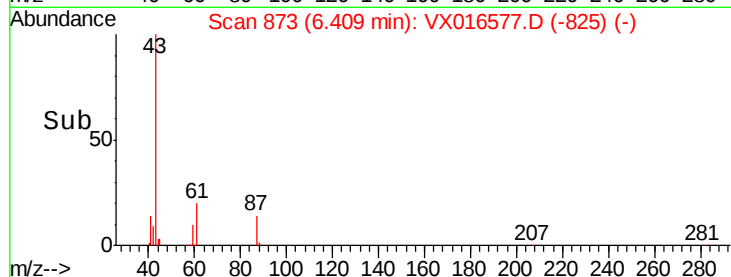
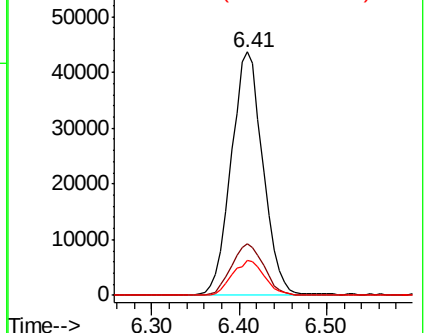
87 14.7 11.2 16.8



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: 18.124 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX016577.D

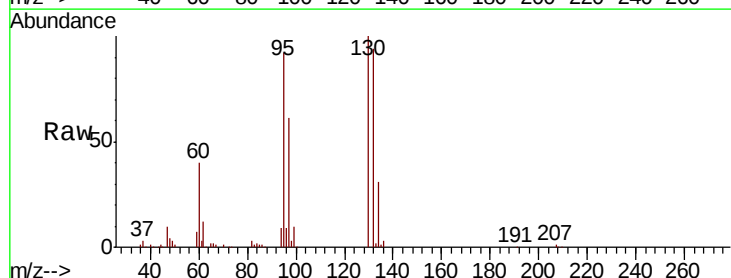
Acq: 04 Jun 2020 11:02

Tgt Ion:130 Resp: 61379

Ion Ratio Lower Upper

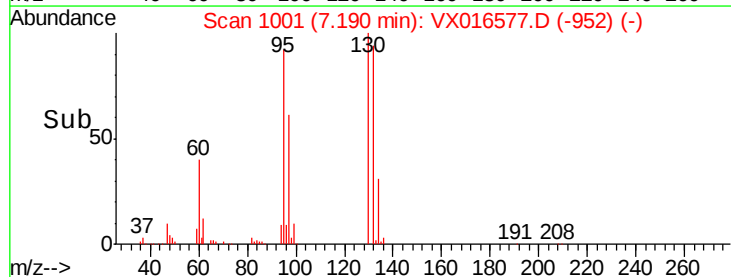
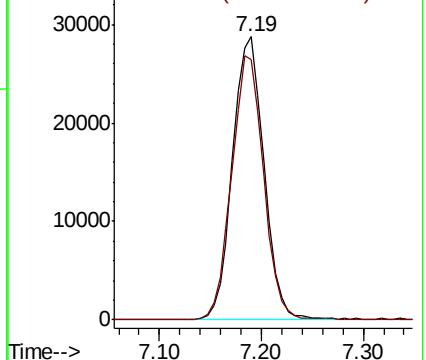
130 100

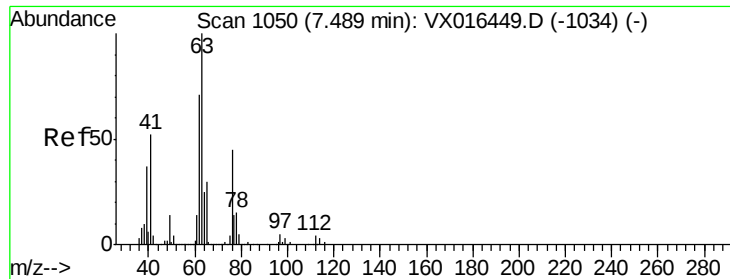
95 91.8 0.0 198.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

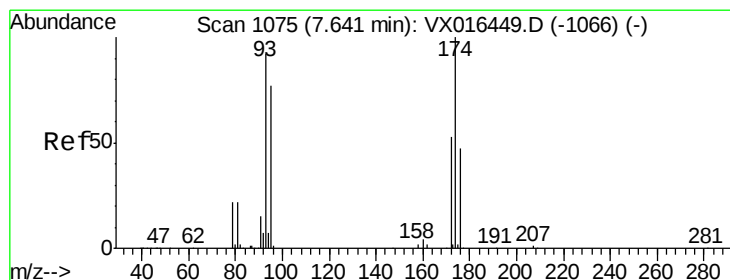
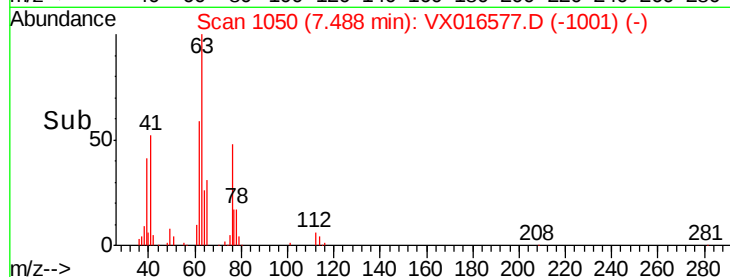
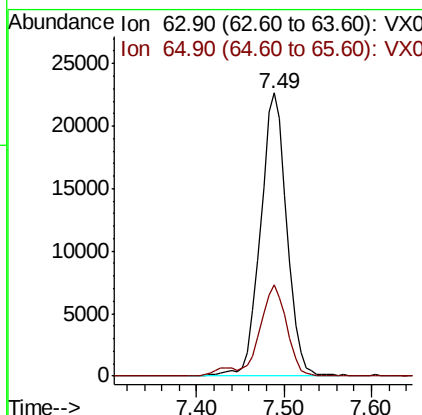
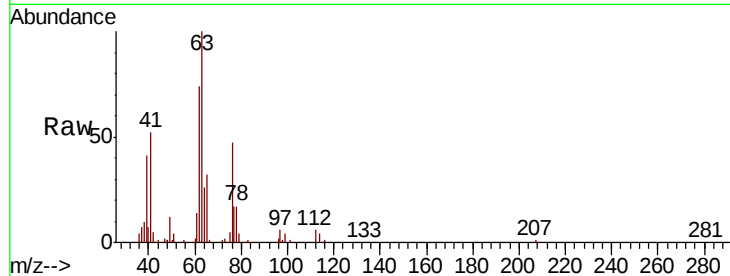




#45
 1,2-Dichloropropane
 Concen: 17.435 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX016577.D
 Acq: 04 Jun 2020 11:02

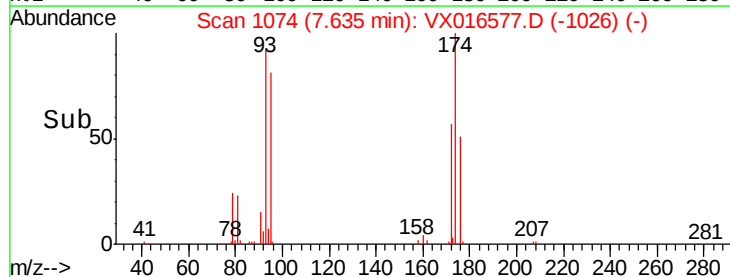
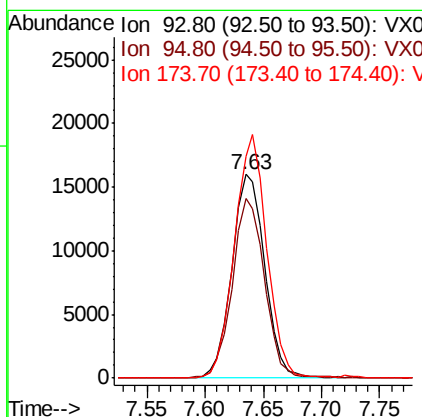
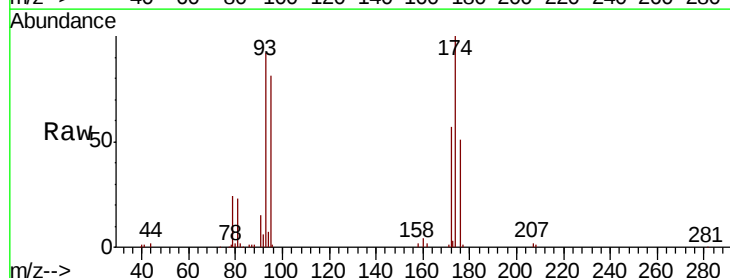
Instrument :
 MSVOA_X
 ClientSampleId :

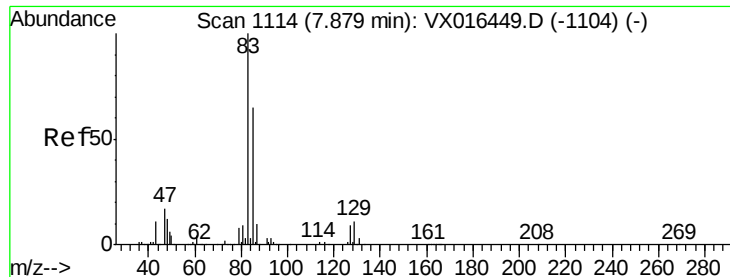
Tot Ion: 63 Resp: 47379
 Ion Ratio Lower Upper
 63 100
 65 32.3 24.2 36.2



#46
 Dibromomethane
 Concen: 17.353 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX016577.D
 Acq: 04 Jun 2020 11:02

Tgt Ion: 93 Resp: 31673
 Ion Ratio Lower Upper
 93 100
 95 86.1 66.6 100.0
 174 116.9 86.2 129.4





#47

Bromodichloromethane

Concen: 18.212 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016577.D

Acq: 04 Jun 2020 11:02

Instrument :

MSVOA_X

ClientSampleId :

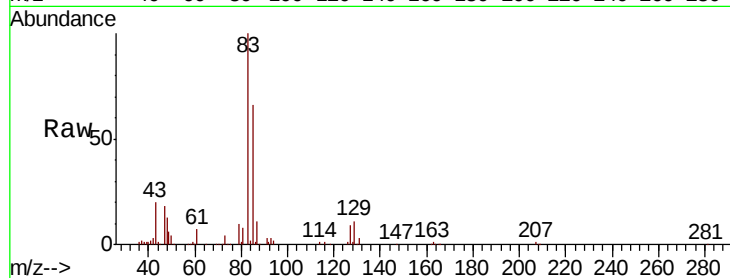
Tot Ion: 83 Resp: 68828

Ion Ratio Lower Upper

83 100

85 65.9 52.0 78.0

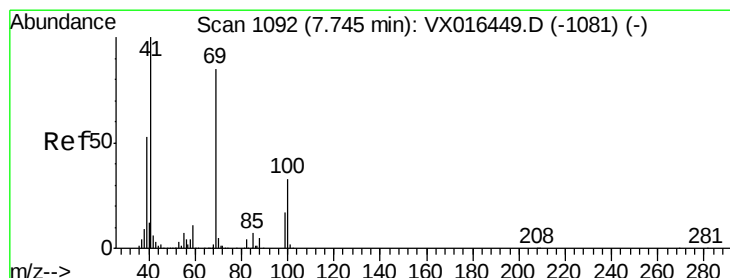
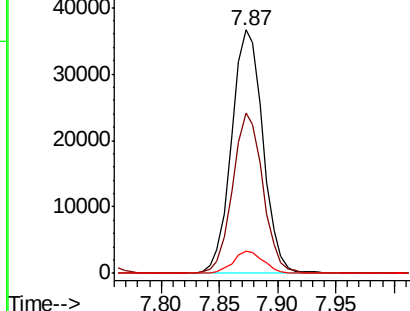
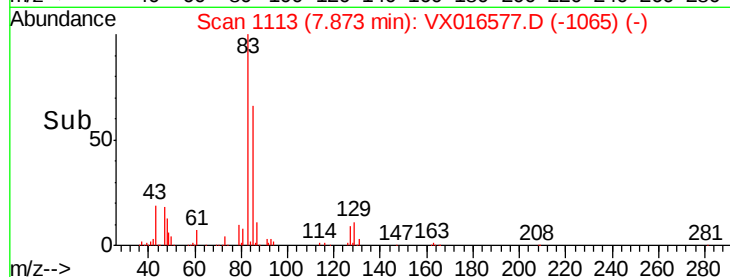
127 9.3 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 15.922 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX016577.D

Acq: 04 Jun 2020 11:02

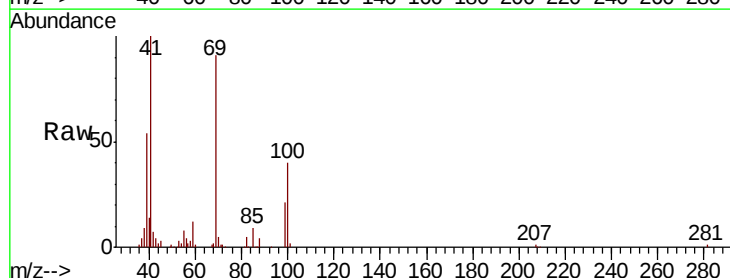
Tgt Ion: 41 Resp: 51174

Ion Ratio Lower Upper

41 100

69 91.9 68.6 102.8

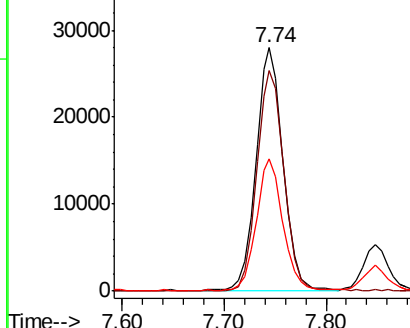
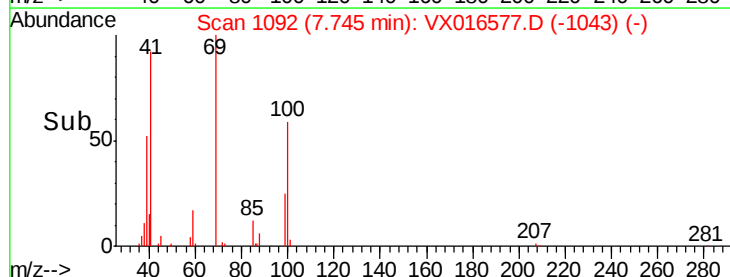
39 53.8 42.4 63.6

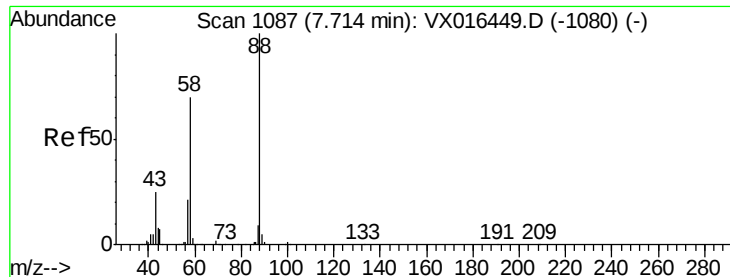


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 333.139 ug/l

RT: 7.71 min Scan# 1087

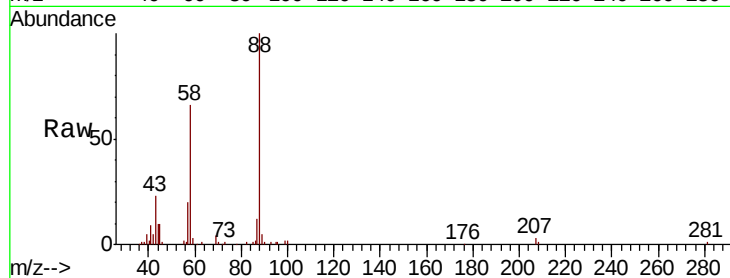
Delta R.T. -0.00 min

Lab File: VX016577.D

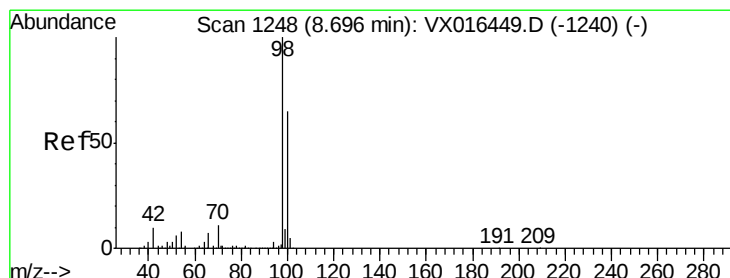
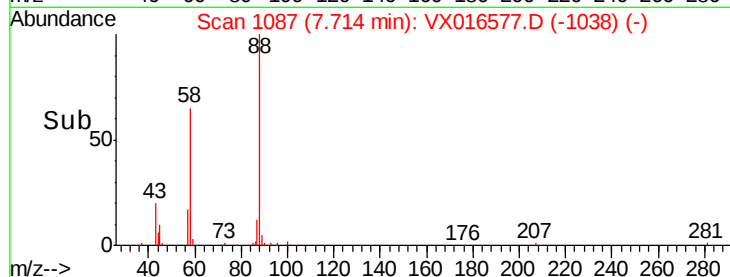
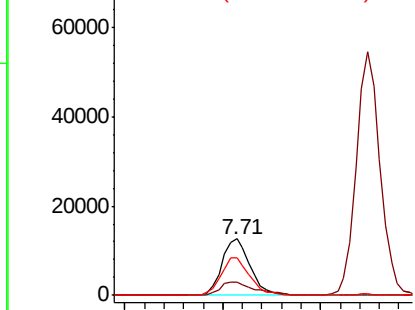
Acq: 04 Jun 2020 11:02

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	88	Resp:	25057
Ion	Ratio	Lower	Upper
88	100		
43	31.3	24.2	36.4
58	68.3	56.5	84.7



Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 48.744 ug/l

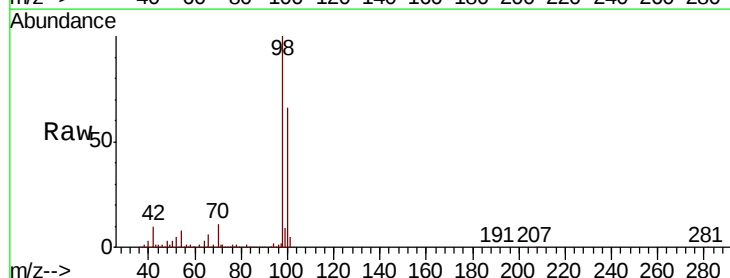
RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

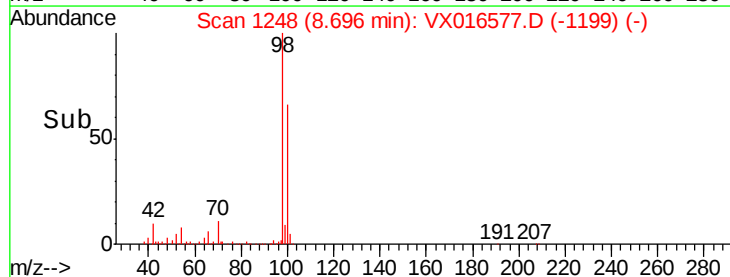
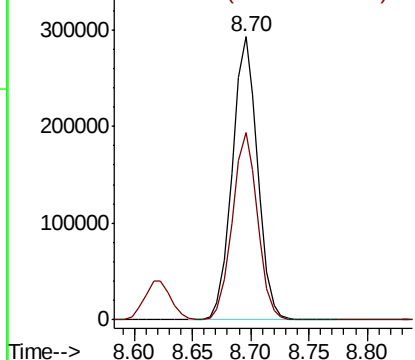
Lab File: VX016577.D

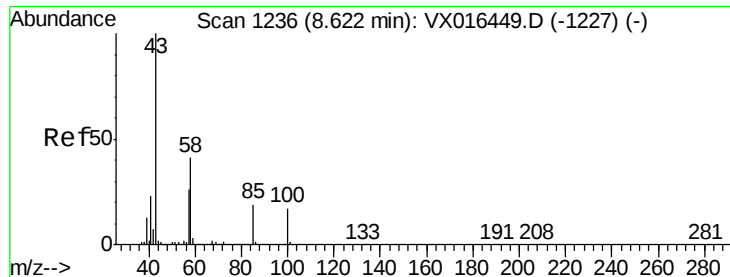
Acq: 04 Jun 2020 11:02

Tgt Ion:	98	Resp:	442259
Ion	Ratio	Lower	Upper
98	100		
100	65.9	53.8	80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V

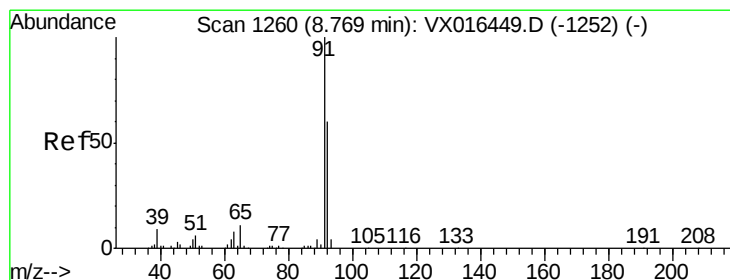
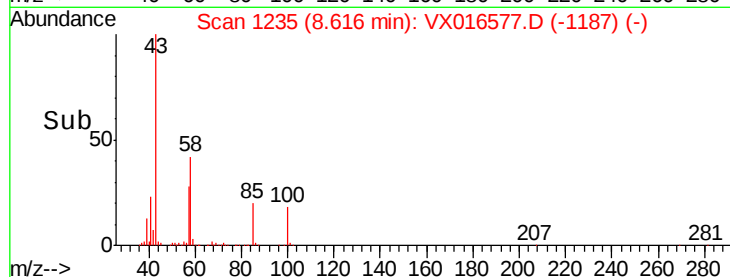
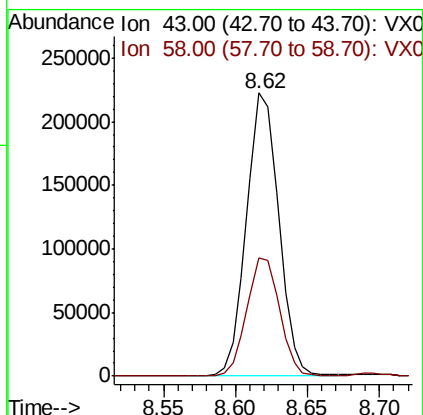
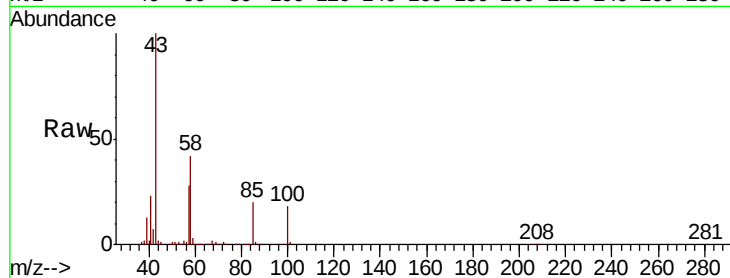




#51
4-Methyl-2-Pentanone
Concen: 82.729 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VX016577.D
Acq: 04 Jun 2020 11:02

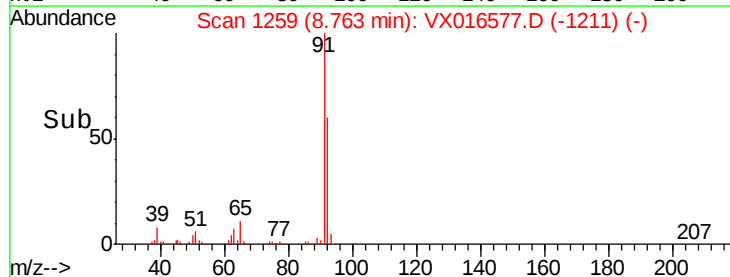
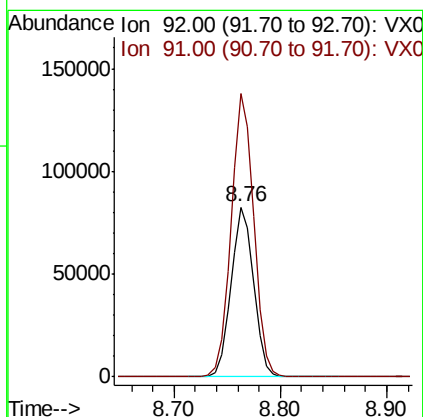
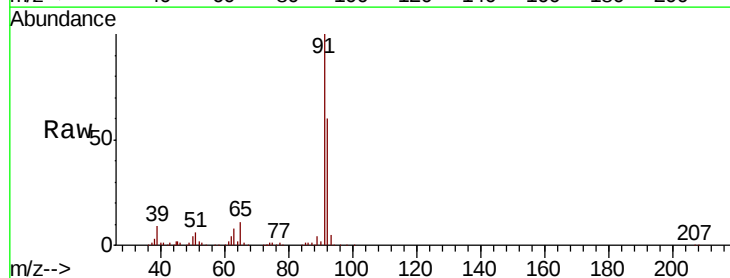
Instrument :
MSVOA_X
ClientSampled :

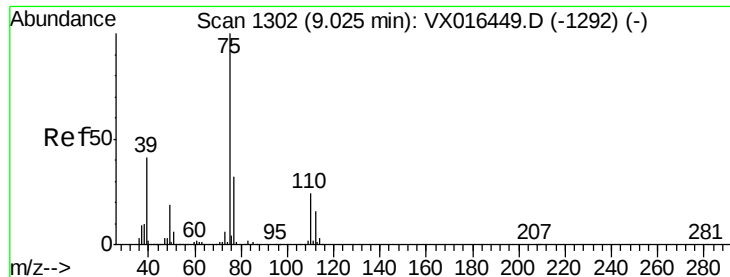
Tot Ion: 43 Resp: 345778
Ion Ratio Lower Upper
43 100
58 42.6 33.0 49.6



#52
Toluene
Concen: 18.373 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.01 min
Lab File: VX016577.D
Acq: 04 Jun 2020 11:02

Tgt Ion: 92 Resp: 123668
Ion Ratio Lower Upper
92 100
91 166.1 135.0 202.4

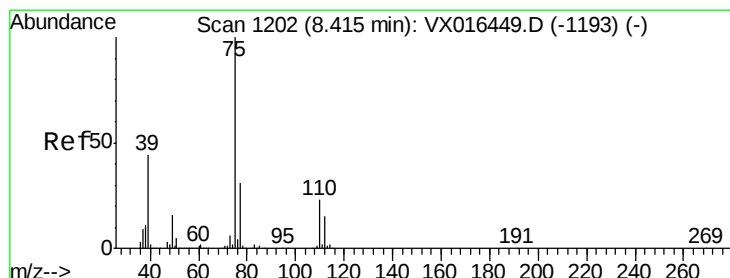
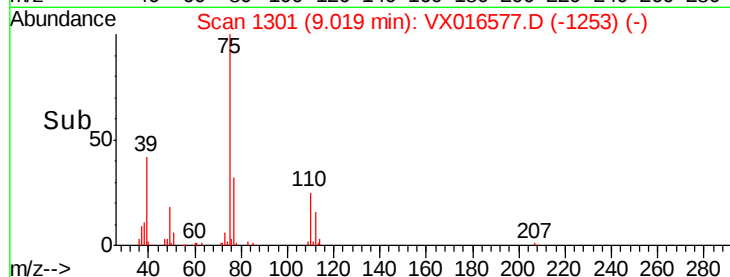
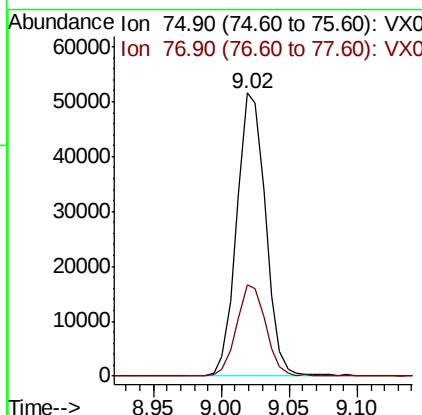
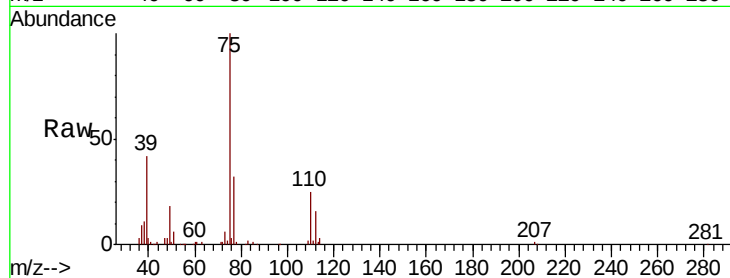




#53
 t-1,3-Dichloropropene
 Concen: 17.724 ug/l
 RT: 9.02 min Scan# 1301
 Delta R.T. -0.01 min
 Lab File: VX016577.D
 Acq: 04 Jun 2020 11:02

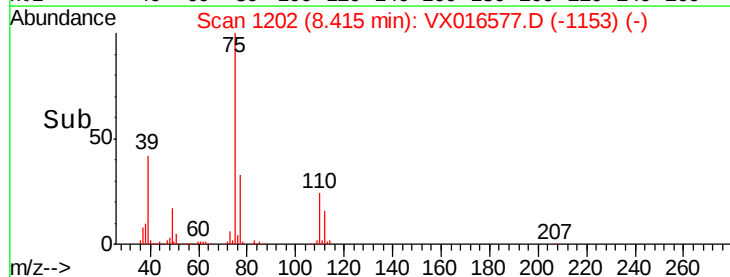
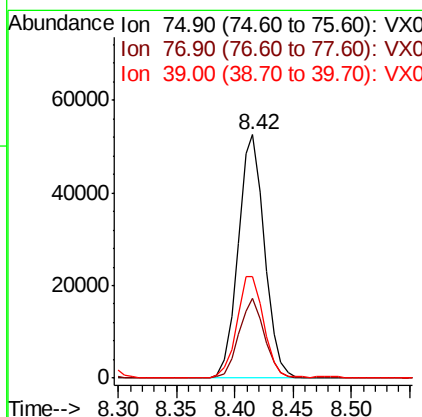
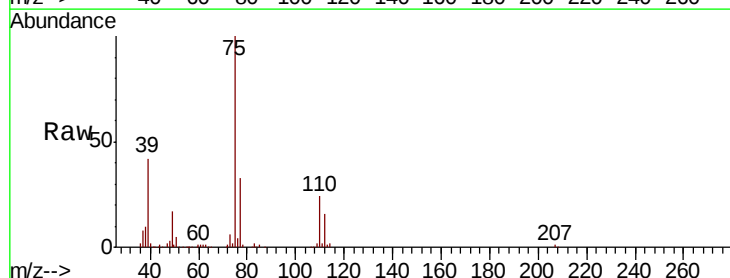
Instrument :
 MSVOA_X
 ClientSampleId :

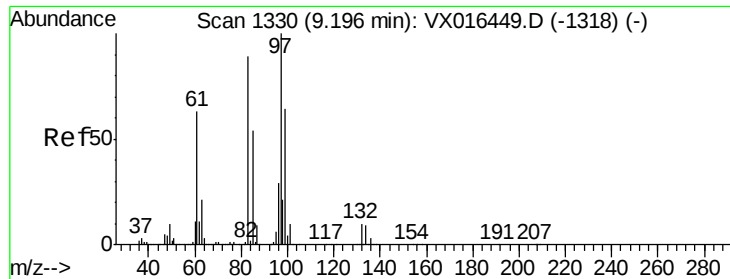
Tot Ion: 75 Resp: 76168
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.5 38.3



#54
 cis-1,3-Dichloropropene
 Concen: 18.251 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VX016577.D
 Acq: 04 Jun 2020 11:02

Tgt Ion: 75 Resp: 83019
 Ion Ratio Lower Upper
 75 100
 77 32.7 24.6 36.8
 39 41.8 35.3 52.9

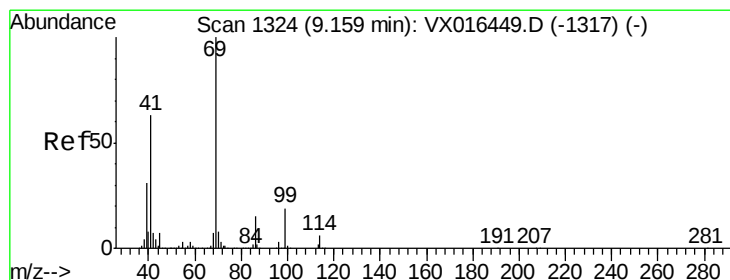
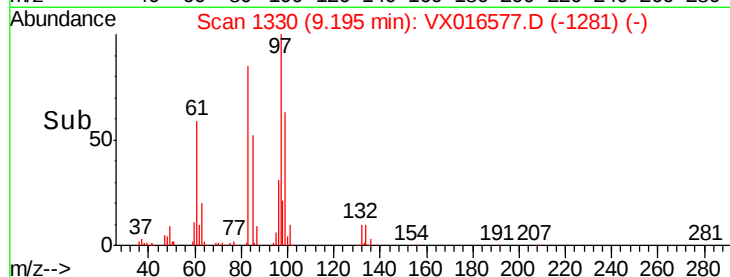
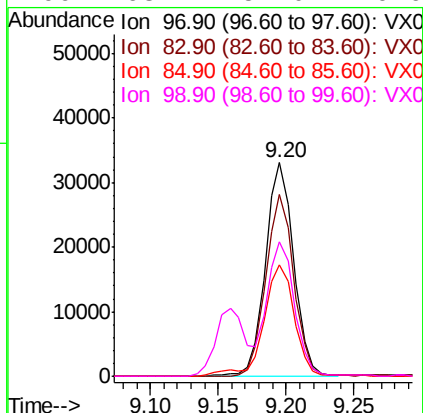
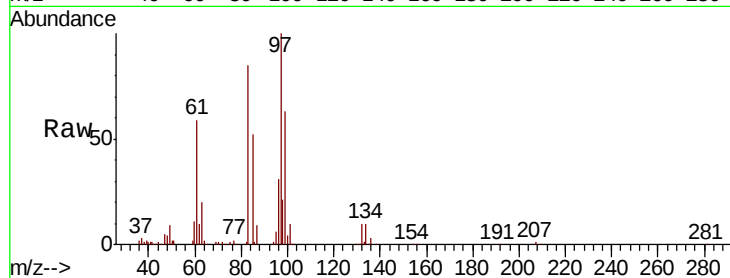




#55
 1,1,2-Trichloroethane
 Concen: 18.088 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016577.D
 Acq: 04 Jun 2020 11:02

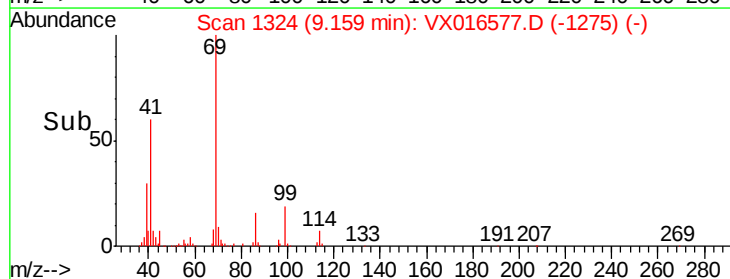
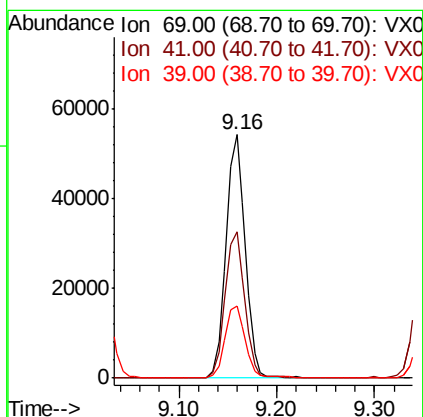
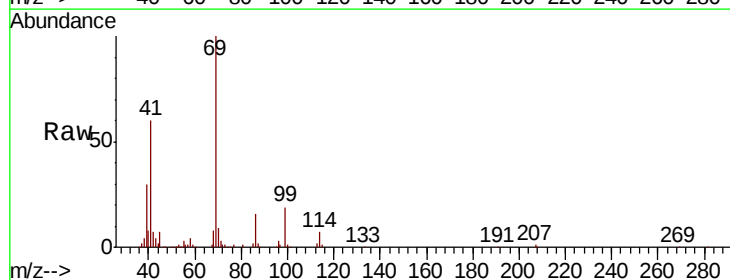
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:	97	Resp:	48409
Ion	Ratio	Lower	Upper
97	100		
83	84.8	70.9	106.3
85	52.4	43.4	65.2
99	63.2	51.0	76.6



#56
 Ethyl methacrylate
 Concen: 16.941 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016577.D
 Acq: 04 Jun 2020 11:02

Tgt Ion:	69	Resp:	73842
Ion	Ratio	Lower	Upper
69	100		
41	62.1	50.7	76.1
39	31.2	25.8	38.6

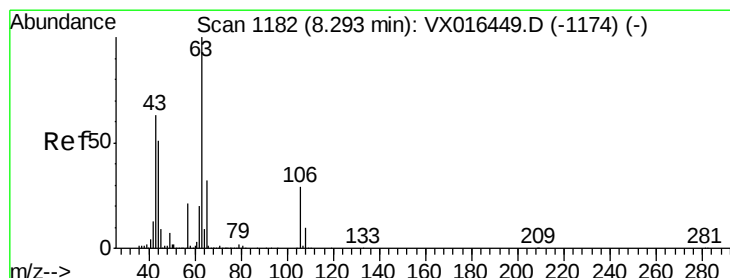
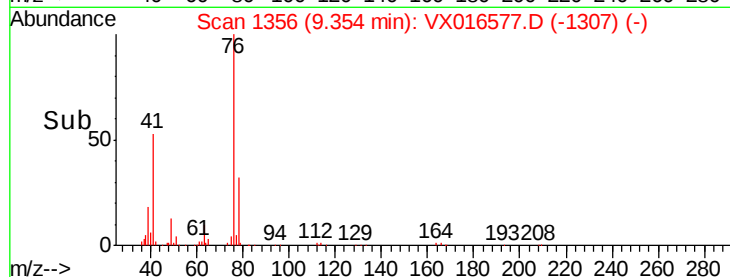
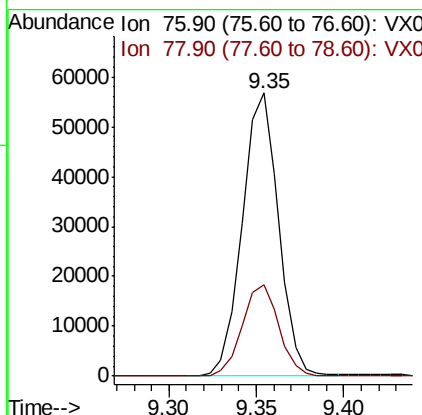
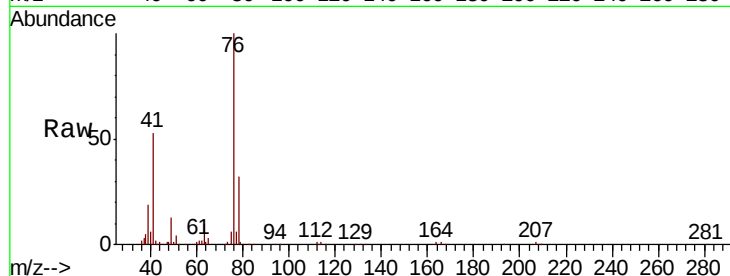




#57
 1,3-Dichloropropane
 Concen: 17.812 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX016577.D
 Acq: 04 Jun 2020 11:02

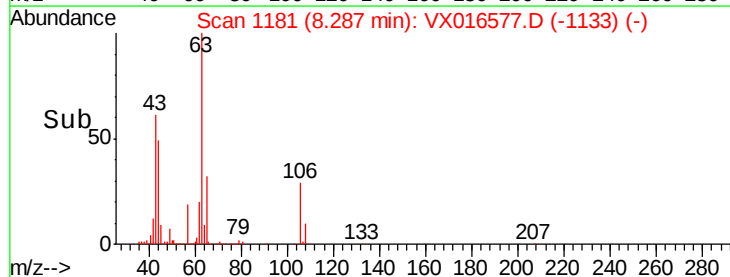
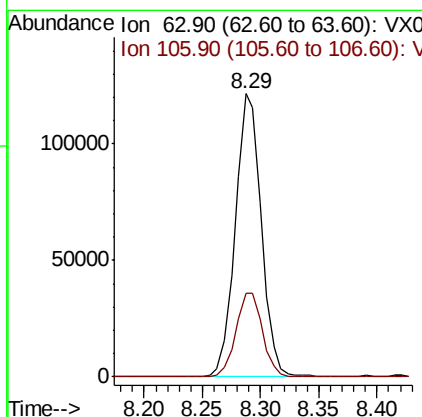
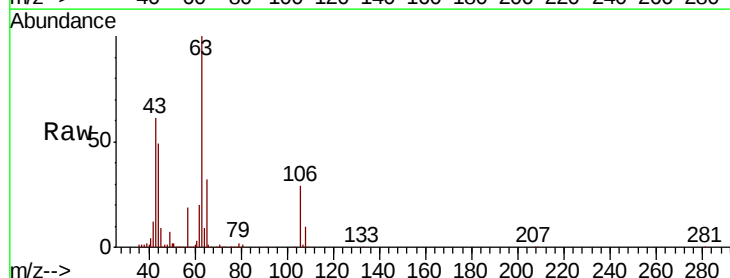
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 76 Resp: 81823
 Ion Ratio Lower Upper
 76 100
 78 32.6 26.2 39.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 83.114 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VX016577.D
 Acq: 04 Jun 2020 11:02

Tgt Ion: 63 Resp: 189089
 Ion Ratio Lower Upper
 63 100
 106 30.3 23.2 34.8

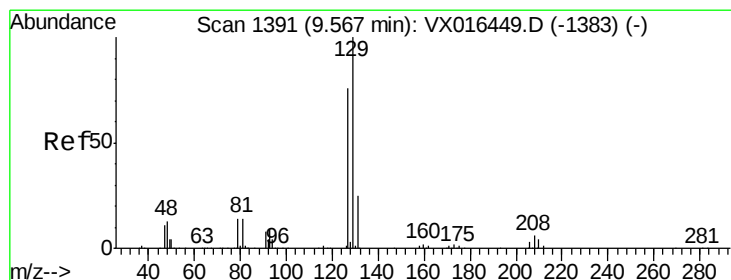
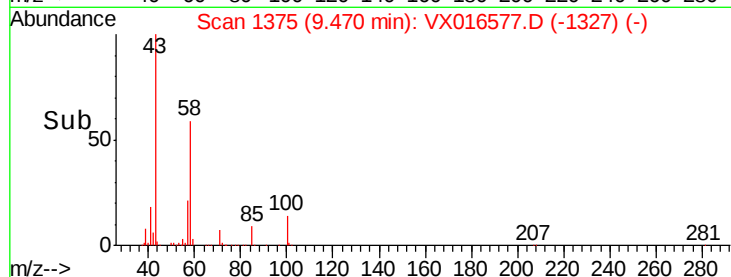
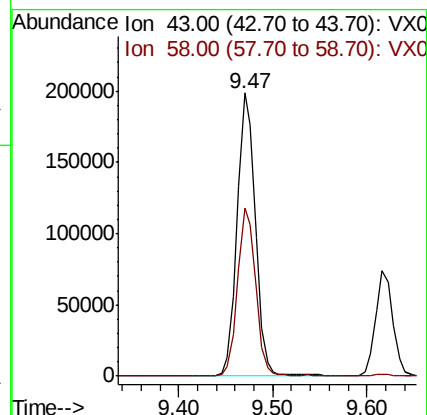
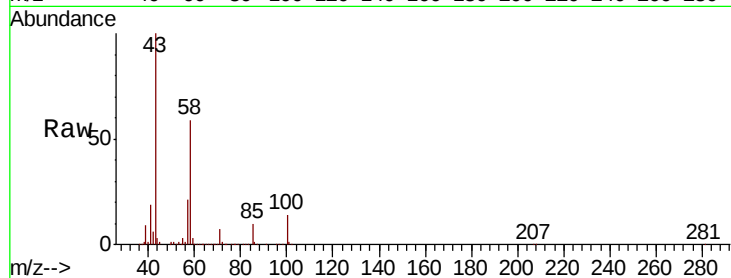




#59
2-Hexanone
Concen: 82.456 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX016577.D
Acq: 04 Jun 2020 11:02

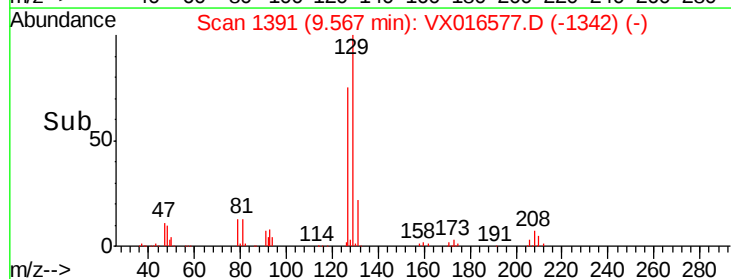
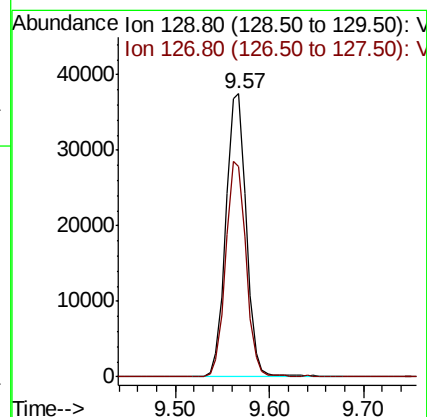
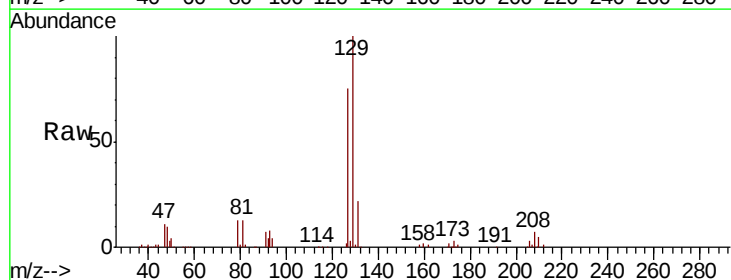
Instrument :
MSVOA_X
ClientSampleId :

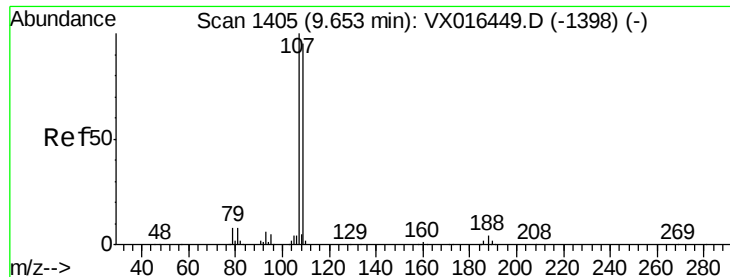
Tot Ion: 43 Resp: 268010
Ion Ratio Lower Upper
43 100
58 58.5 28.8 86.4



#60
Dibromochloromethane
Concen: 18.776 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016577.D
Acq: 04 Jun 2020 11:02

Tgt Ion: 129 Resp: 56548
Ion Ratio Lower Upper
129 100
127 75.5 38.6 116.0





#61

1,2-Dibromoethane

Concen: 17.761 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016577.D

Acq: 04 Jun 2020 11:02

Instrument :

MSVOA_X

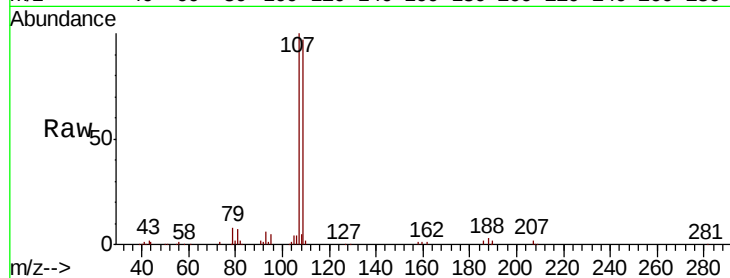
ClientSampleId :

Tot Ion:107 Resp: 50901

Ion Ratio Lower Upper

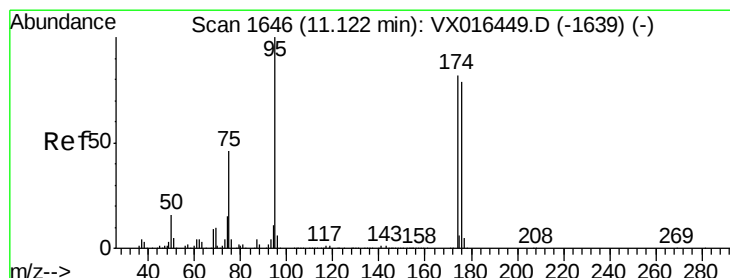
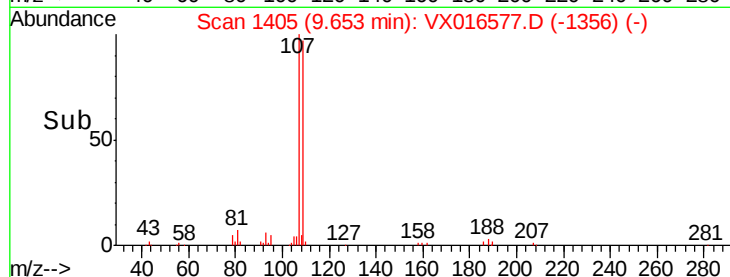
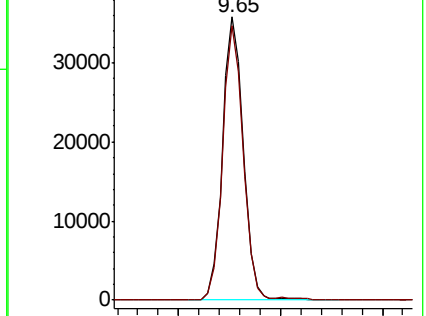
107 100

109 95.2 75.5 113.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.337 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016577.D

Acq: 04 Jun 2020 11:02

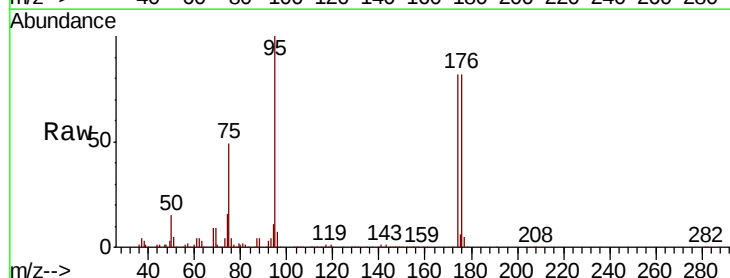
Tgt Ion: 95 Resp: 162448

Ion Ratio Lower Upper

95 100

174 84.2 0.0 163.0

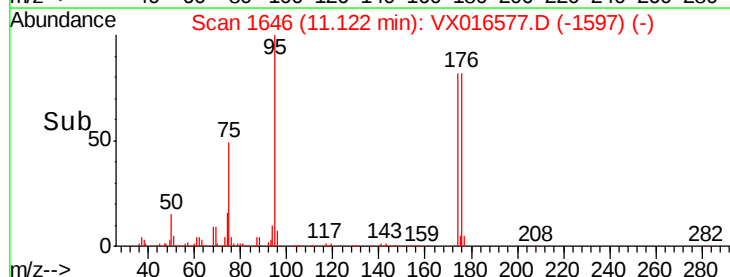
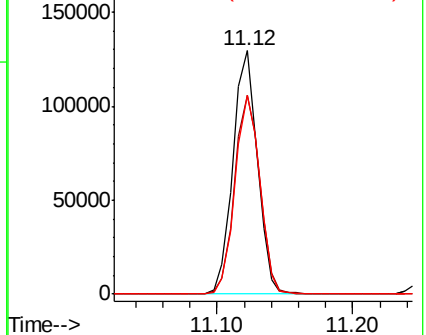
176 83.1 0.0 156.8

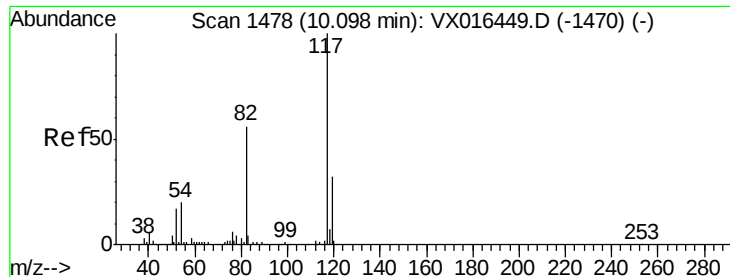


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

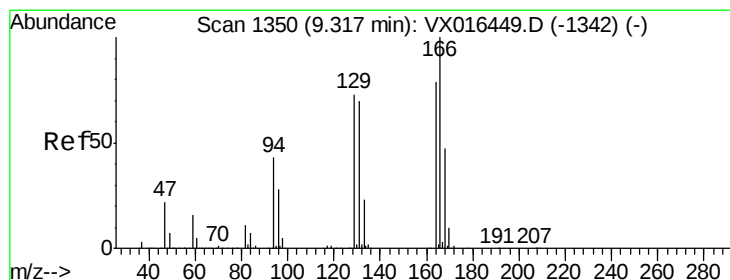
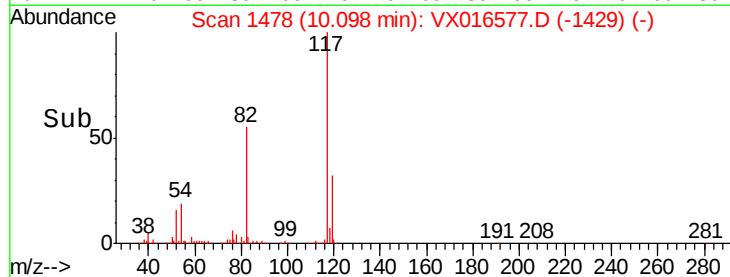
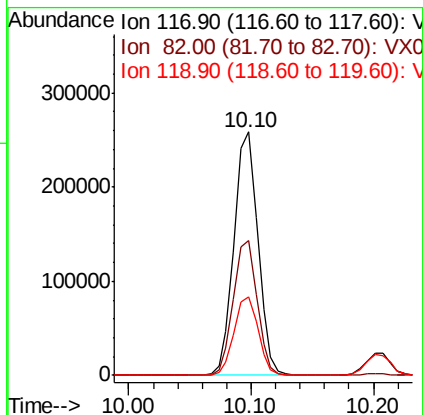
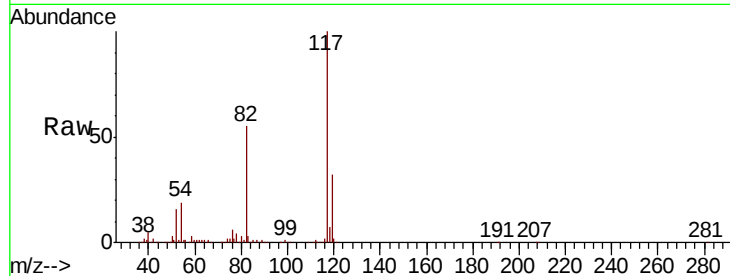




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016577.D
Acq: 04 Jun 2020 11:02

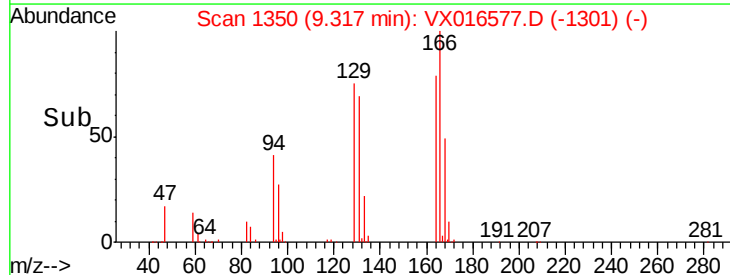
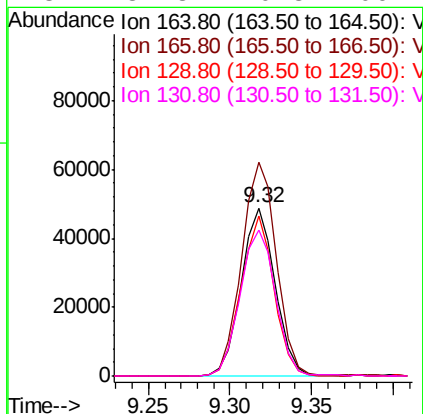
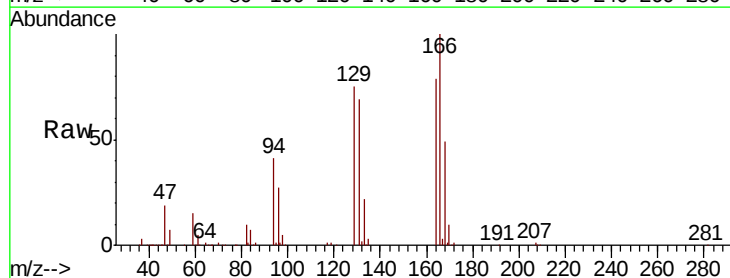
Instrument :
MSVOA_X
ClientSampleId :

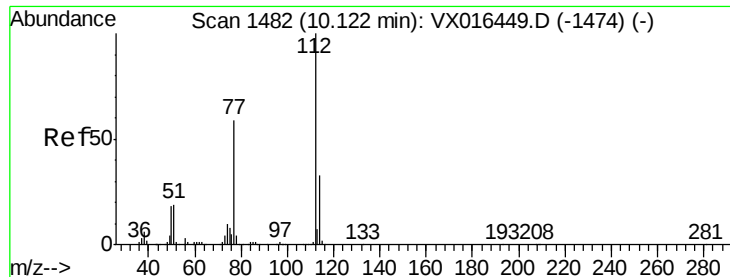
Tot Ion:117 Resp: 349418
Ion Ratio Lower Upper
117 100
82 55.4 45.0 67.6
119 32.4 25.8 38.8



#64
Tetrachloroethene
Concen: 18.060 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016577.D
Acq: 04 Jun 2020 11:02

Tgt Ion:164 Resp: 70601
Ion Ratio Lower Upper
164 100
166 127.2 100.9 151.3
129 95.2 73.2 109.8
131 87.3 70.8 106.2

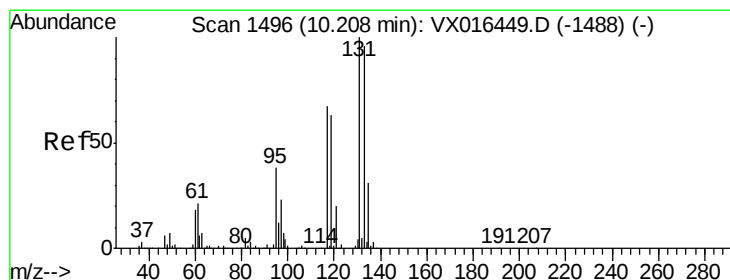
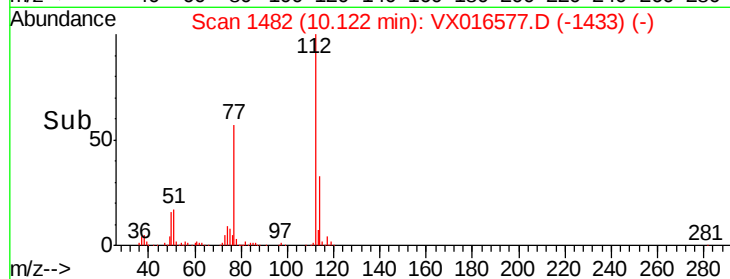
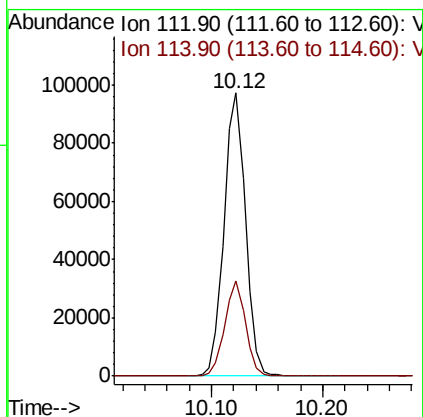
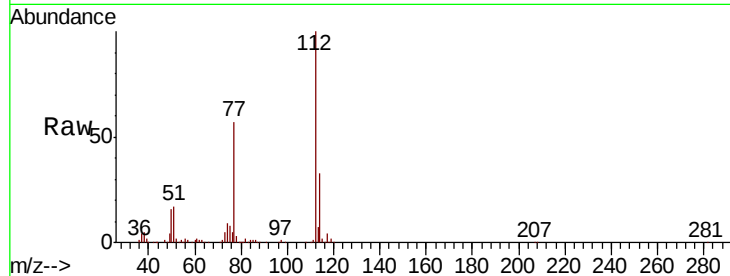




#65
Chlorobenzene
Concen: 18.212 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016577.D
Acq: 04 Jun 2020 11:02

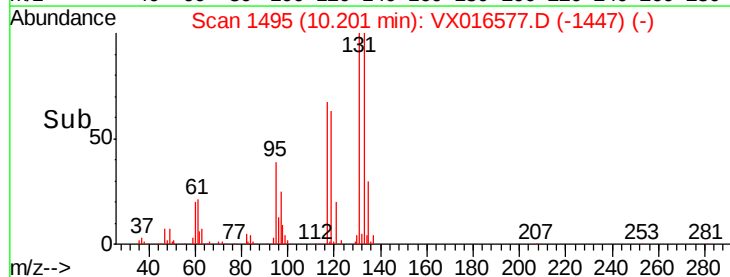
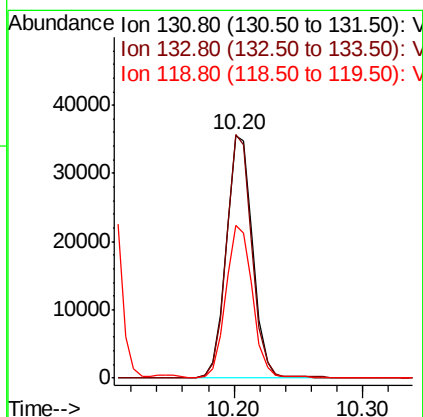
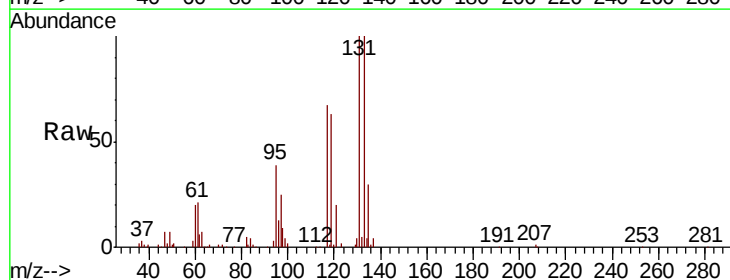
Instrument :
MSVOA_X
ClientSampled :

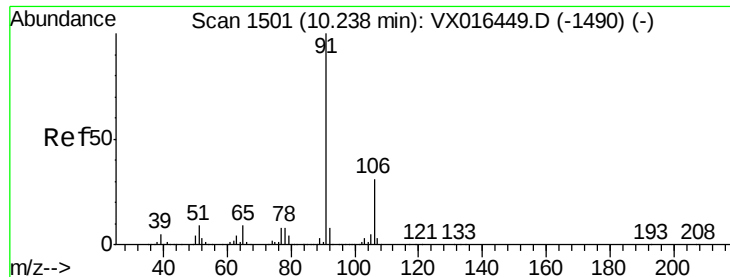
Tot Ion:112 Resp: 129736
Ion Ratio Lower Upper
112 100
114 33.4 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 18.803 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX016577.D
Acq: 04 Jun 2020 11:02

Tgt Ion:131 Resp: 51130
Ion Ratio Lower Upper
131 100
133 97.5 48.4 145.3
119 63.7 32.0 96.2





#67

Ethyl Benzene

Concen: 17.753 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX016577.D

Acq: 04 Jun 2020 11:02

Instrument :

MSVOA_X

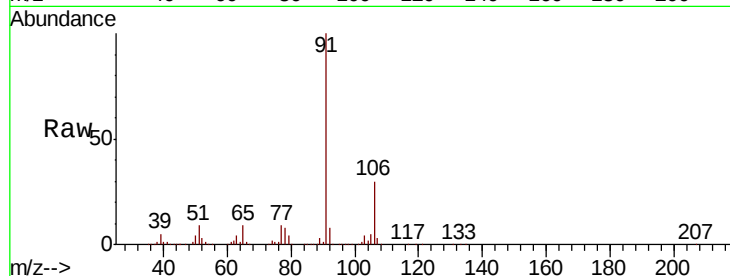
ClientSampleId :

Tot Ion: 91 Resp: 225167

Ion Ratio Lower Upper

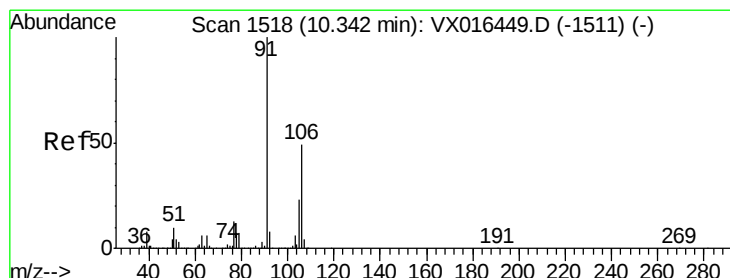
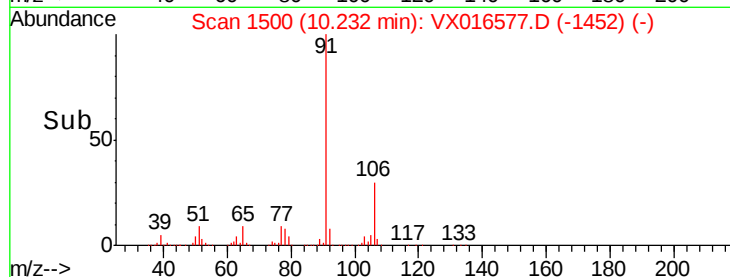
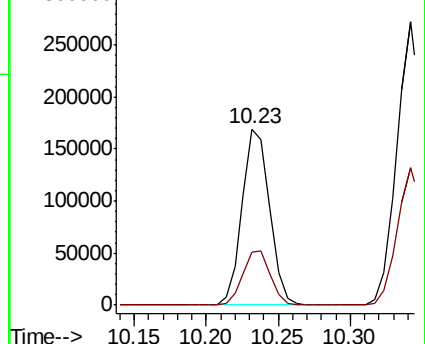
91 100

106 30.2 25.0 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 36.784 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016577.D

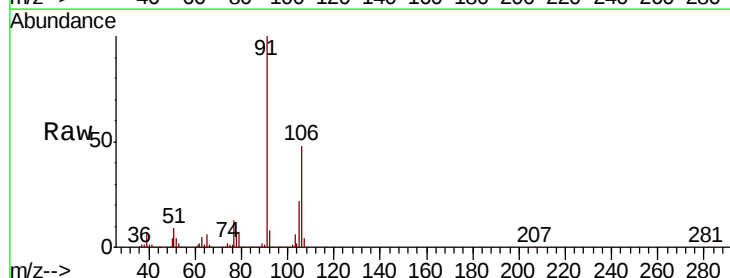
Acq: 04 Jun 2020 11:02

Tgt Ion: 106 Resp: 172979

Ion Ratio Lower Upper

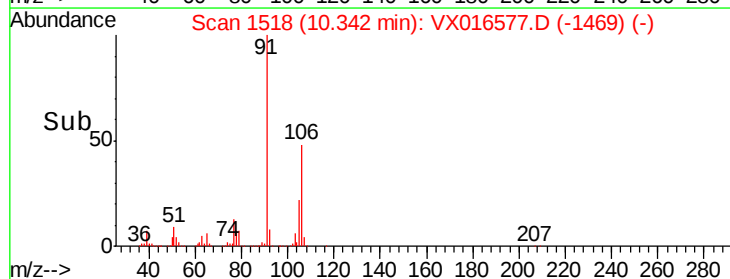
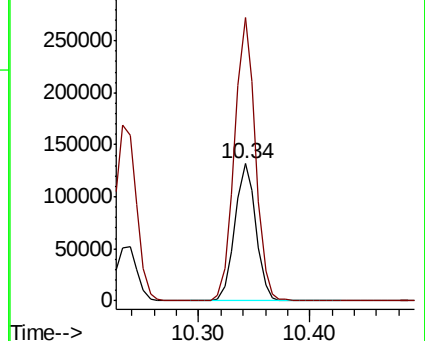
106 100

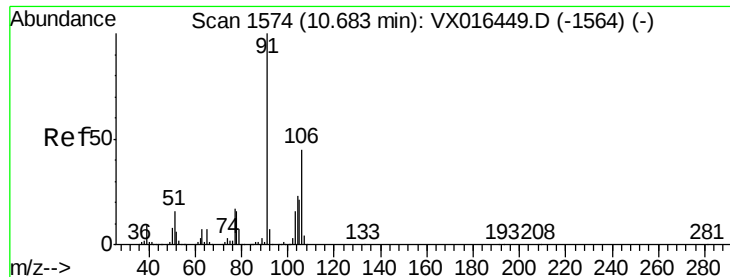
91 204.0 163.8 245.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

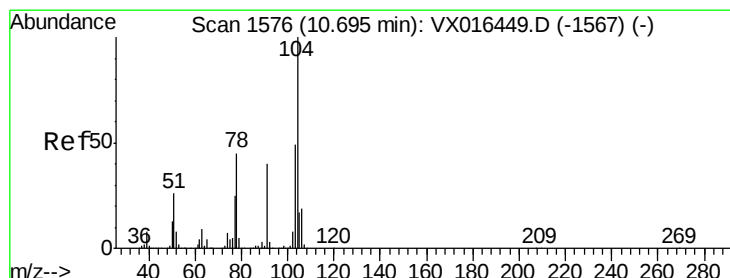
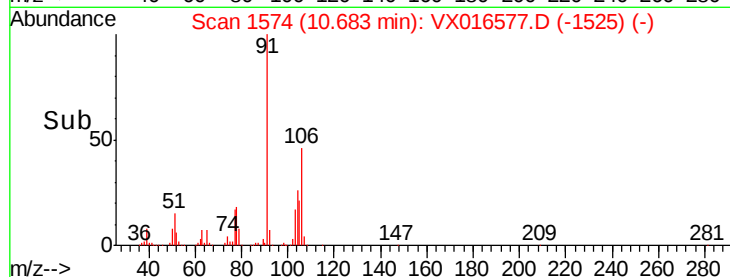
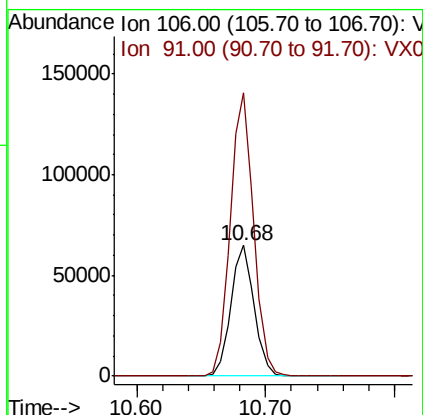
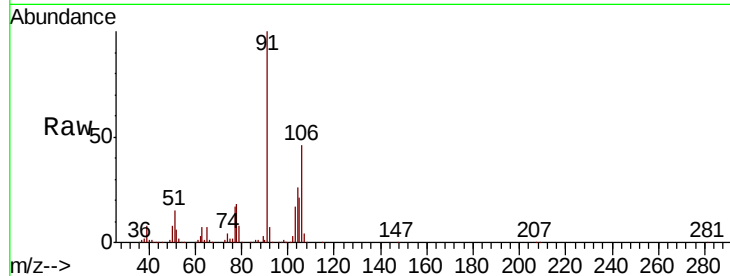




#69
o-Xylene
Concen: 18.085 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016577.D
Acq: 04 Jun 2020 11:02

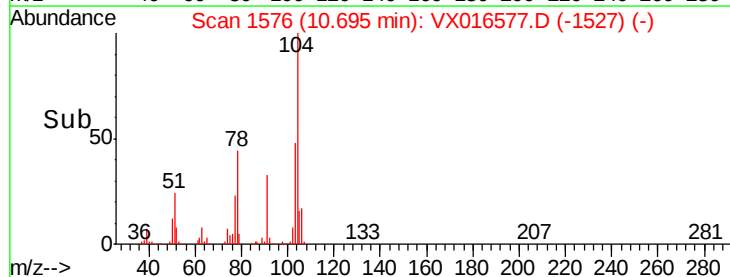
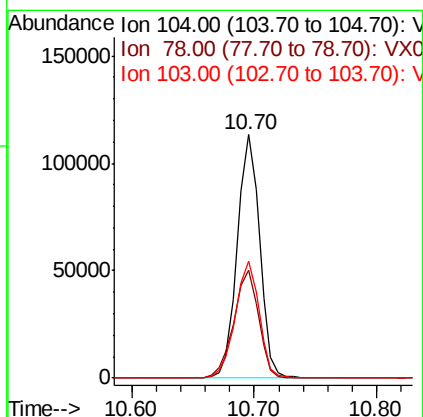
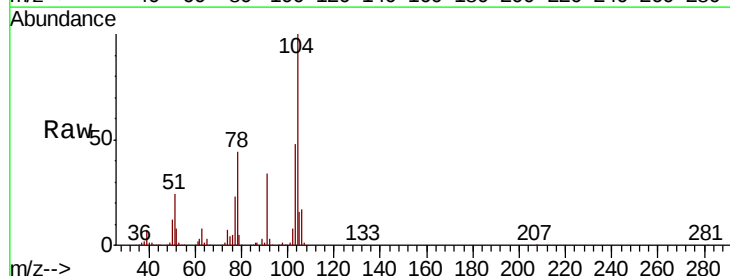
Instrument :
MSVOA_X
ClientSampleId :

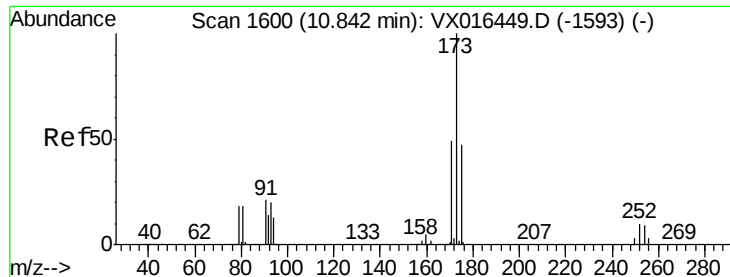
Tot Ion:106 Resp: 82365
Ion Ratio Lower Upper
106 100
91 216.3 109.6 328.8



#70
Styrene
Concen: 18.289 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016577.D
Acq: 04 Jun 2020 11:02

Tgt Ion:104 Resp: 143165
Ion Ratio Lower Upper
104 100
78 49.3 40.2 60.2
103 51.8 43.1 64.7





#71

Bromoform

Concen: 18.467 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016577.D

Acq: 04 Jun 2020 11:02

Instrument :

MSVOA_X

ClientSampleId :

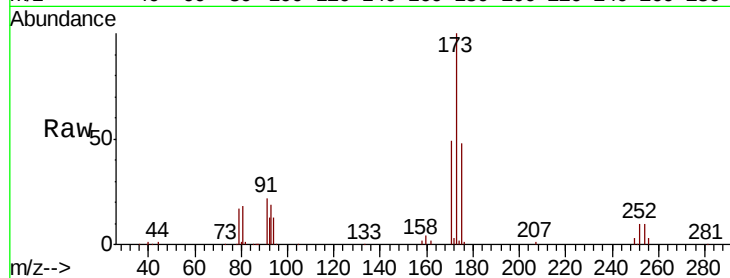
Tot Ion:173 Resp: 42440

Ion Ratio Lower Upper

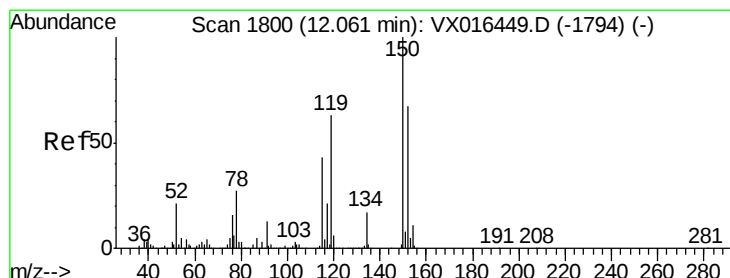
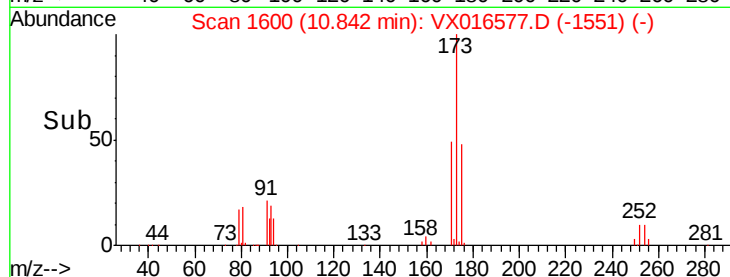
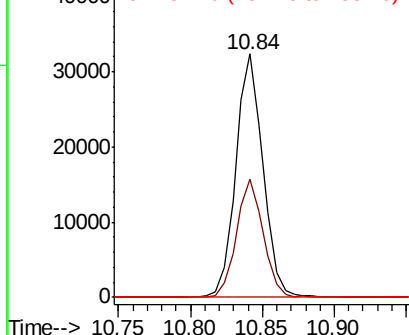
173 100

175 47.8 23.9 71.7

254 0.0 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: VX016577.D

Acq: 04 Jun 2020 11:02

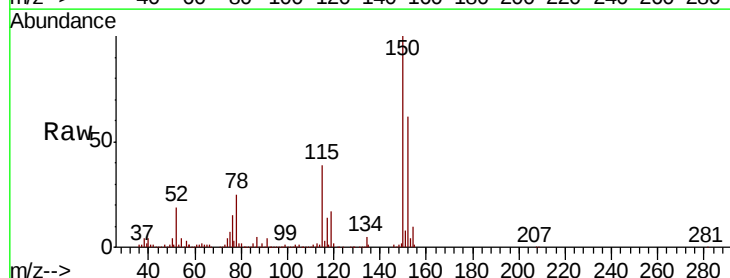
Tgt Ion:152 Resp: 172559

Ion Ratio Lower Upper

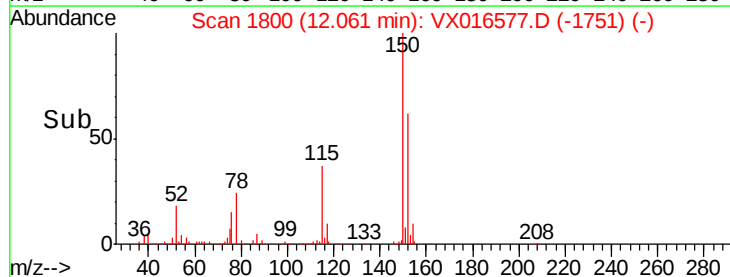
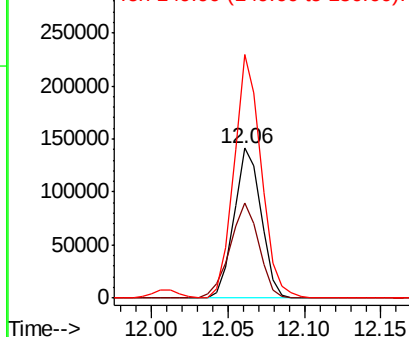
152 100

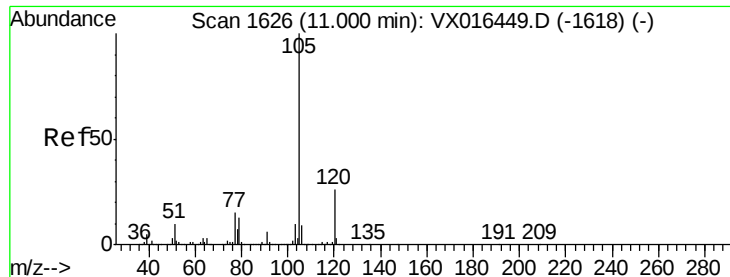
115 68.0 39.9 119.6

150 164.0 0.0 341.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.462 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016577.D

Acq: 04 Jun 2020 11:02

Instrument :

MSVOA_X

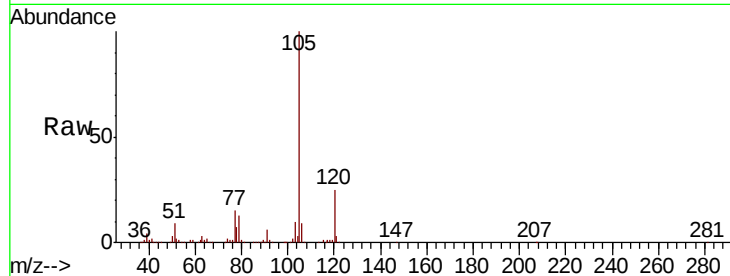
ClientSampleId :

Tot Ion: 105 Resp: 220734

Ion Ratio Lower Upper

105 100

120 25.9 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

150000

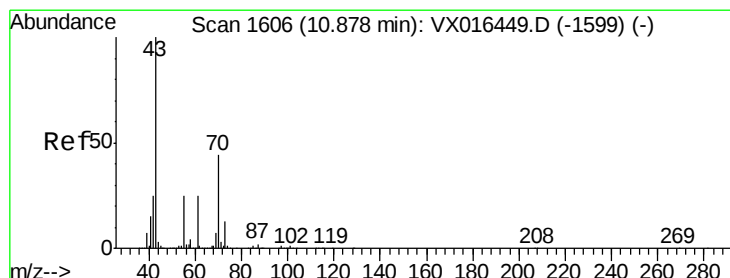
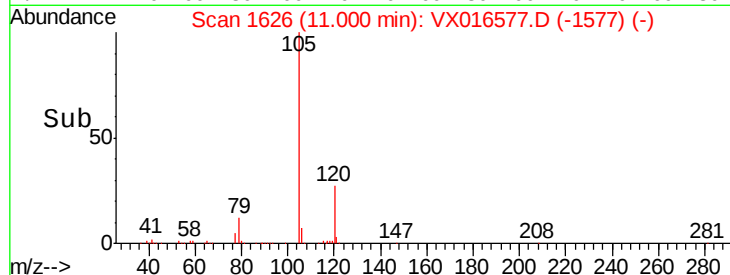
100000

50000

0

11.00

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 16.075 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016577.D

Acq: 04 Jun 2020 11:02

Tgt Ion: 43 Resp: 88407

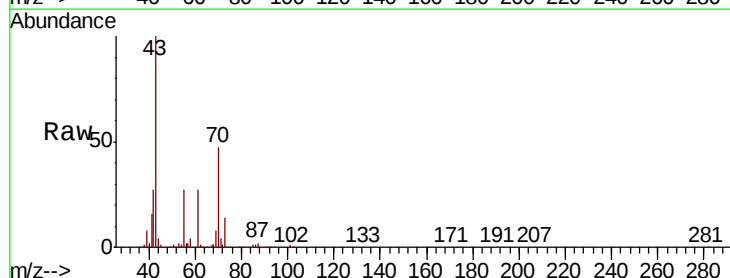
Ion Ratio Lower Upper

43 100

70 48.2 36.1 54.1

55 27.5 20.2 30.4

61 26.8 20.3 30.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

100000

80000

60000

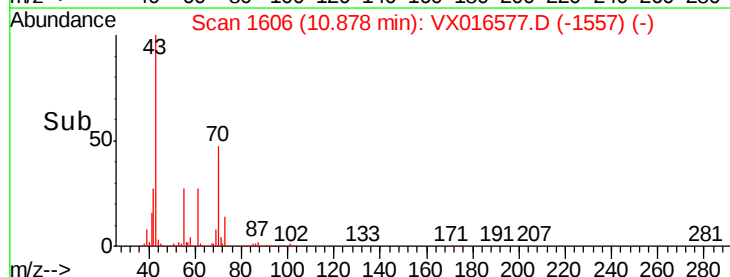
40000

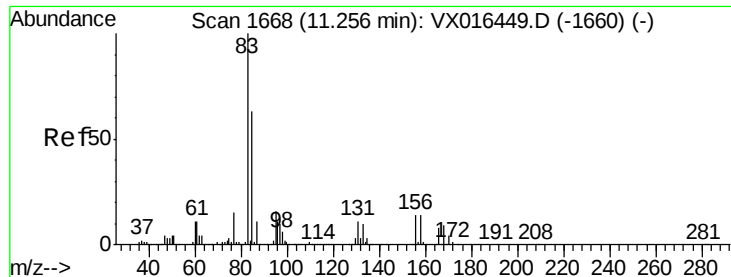
20000

0

10.88

Time--> 10.80 10.90





#75

1,1,2,2-Tetrachloroethane

Concen: 18.042 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016577.D

Acq: 04 Jun 2020 11:02

Instrument :

MSVOA_X

ClientSampleId :

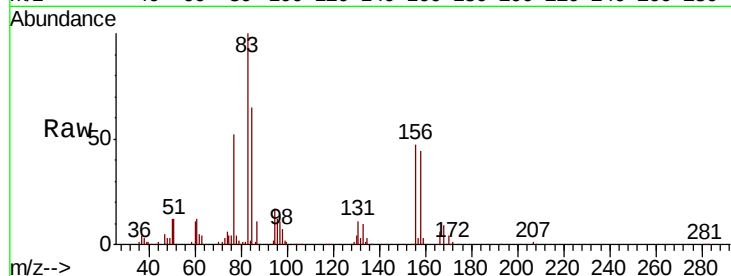
Tot Ion: 83 Resp: 54062

Ion Ratio Lower Upper

83 100

131 10.8 5.1 15.3

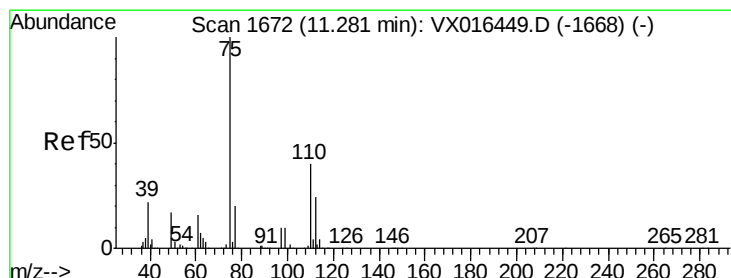
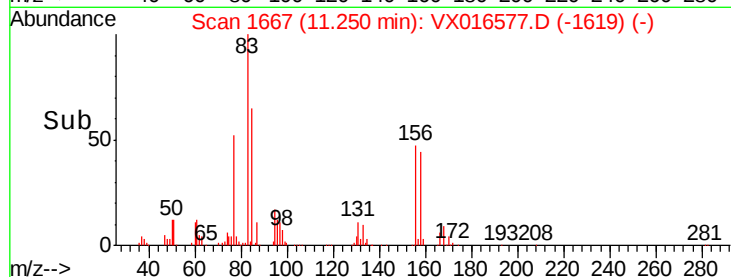
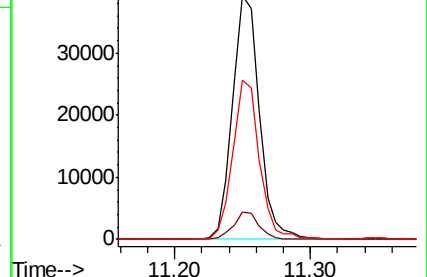
85 64.7 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 23.426 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016577.D

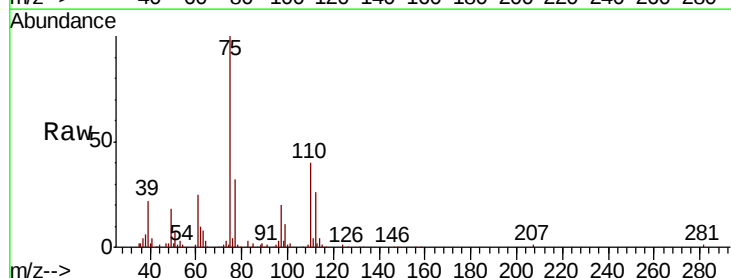
Acq: 04 Jun 2020 11:02

Tgt Ion: 75 Resp: 88854

Ion Ratio Lower Upper

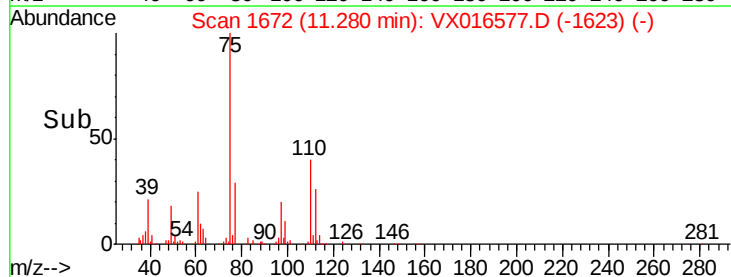
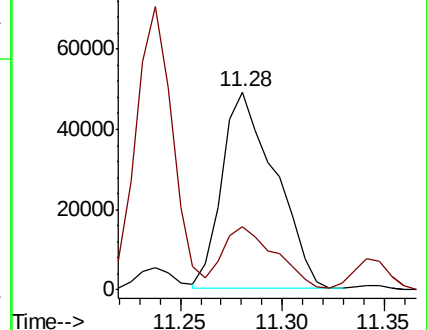
75 100

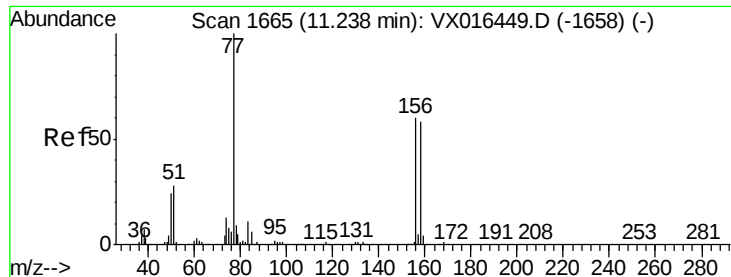
77 32.2 21.3 63.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.642 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016577.D

Acq: 04 Jun 2020 11:02

Instrument :

MSVOA_X

ClientSampleId :

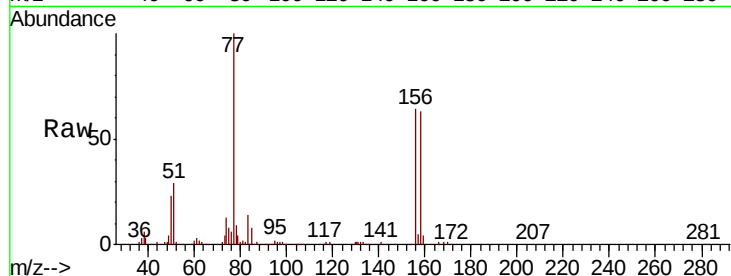
Tot Ion:156 Resp: 58459

Ion Ratio Lower Upper

156 100

77 151.9 79.6 238.8

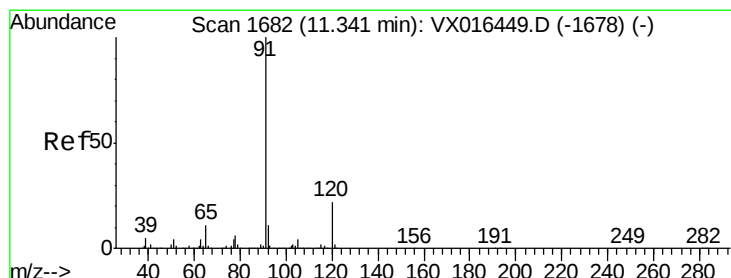
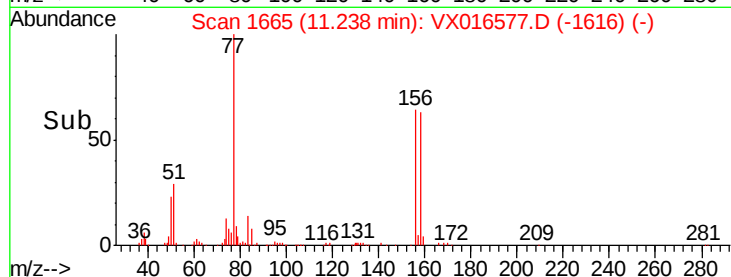
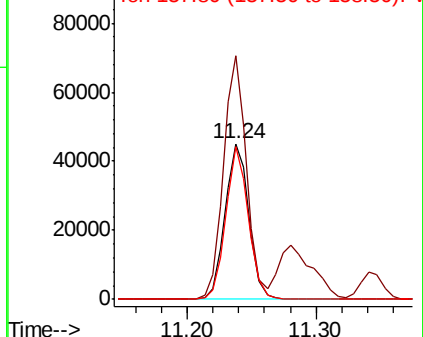
158 93.4 48.1 144.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.041 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX016577.D

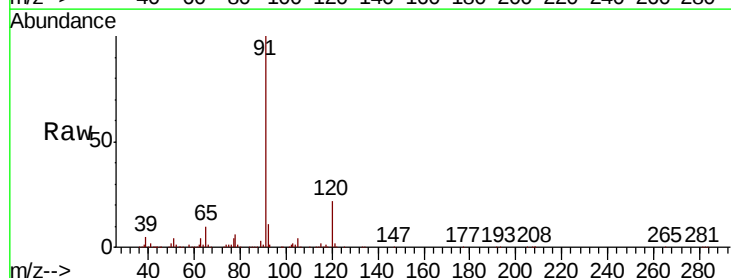
Acq: 04 Jun 2020 11:02

Tgt Ion: 91 Resp: 240986

Ion Ratio Lower Upper

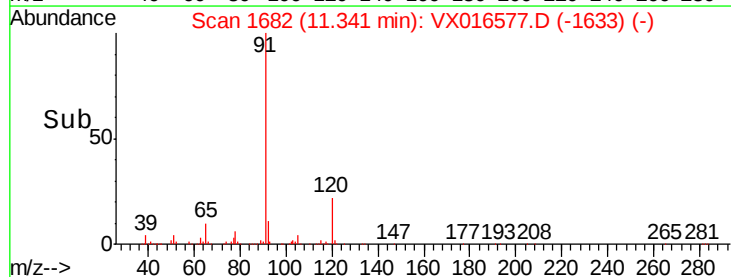
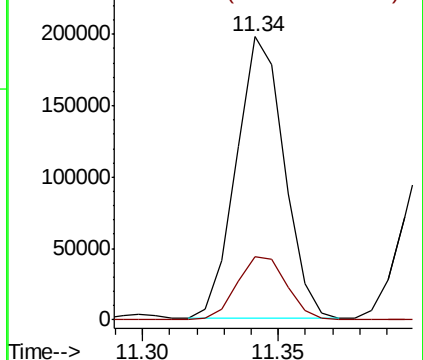
91 100

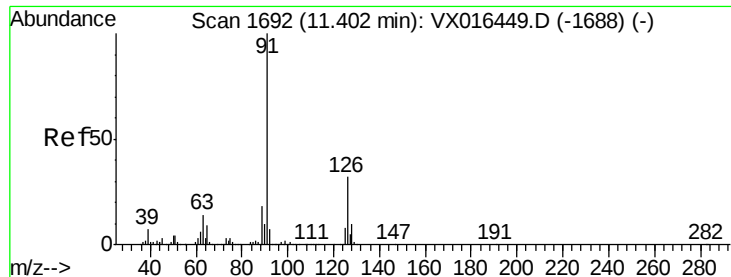
120 23.4 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 17.942 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX016577.D

Acq: 04 Jun 2020 11:02

Instrument :

MSVOA_X

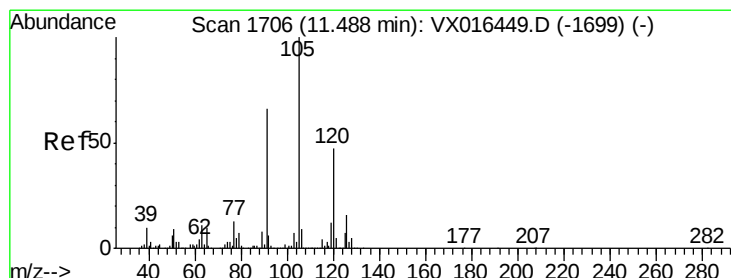
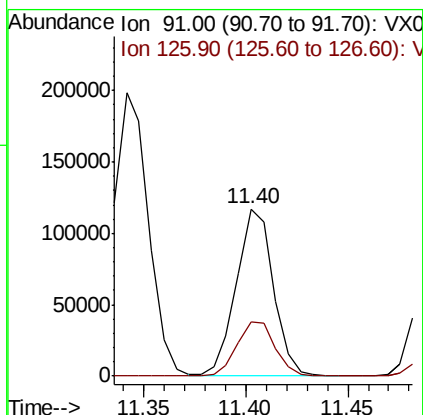
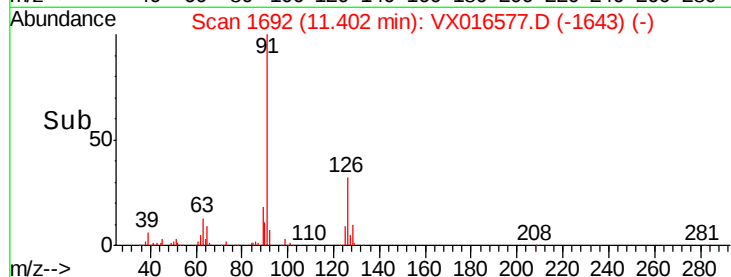
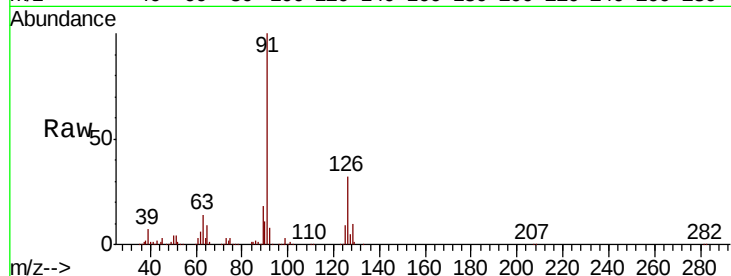
ClientSampleId :

Tot Ion: 91 Resp: 146288

Ion Ratio Lower Upper

91 100

126 33.8 16.8 50.3



#80

1,3,5-Trimethylbenzene

Concen: 18.216 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX016577.D

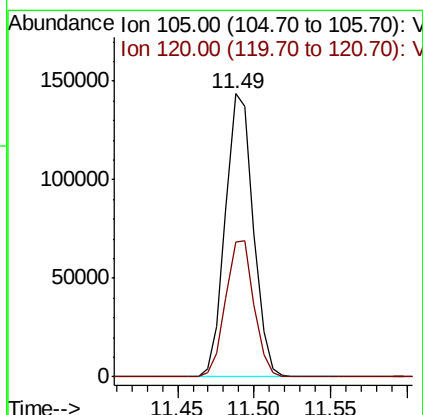
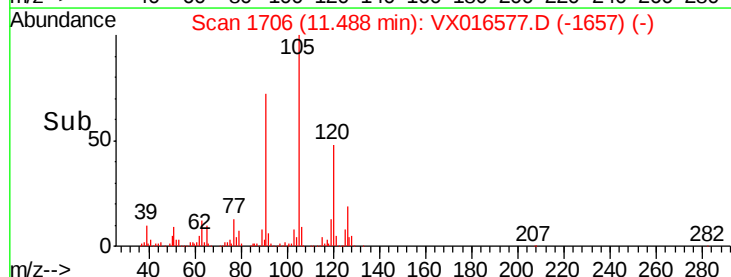
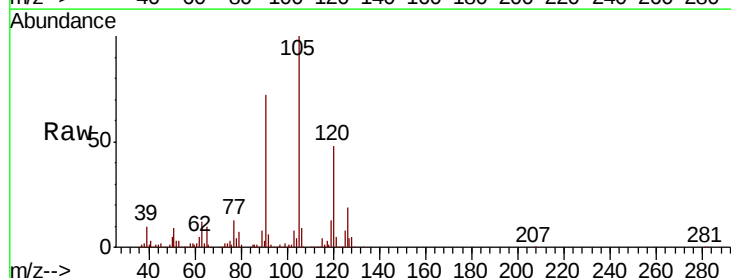
Acq: 04 Jun 2020 11:02

Tgt Ion:105 Resp: 181859

Ion Ratio Lower Upper

105 100

120 48.9 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 17.045 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX016577.D

Acq: 04 Jun 2020 11:02

Instrument :

MSVOA_X

ClientSampleId :

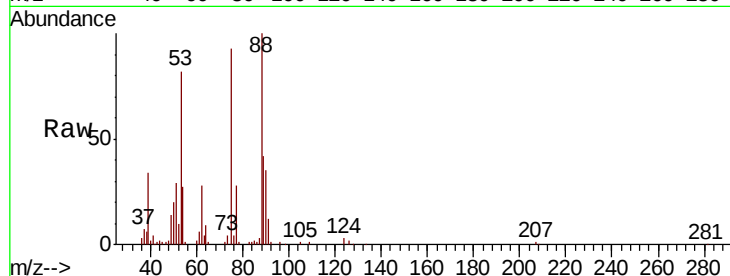
Tot Ion: 75 Resp: 26283

Ion Ratio Lower Upper

75 100

53 88.1 71.3 106.9

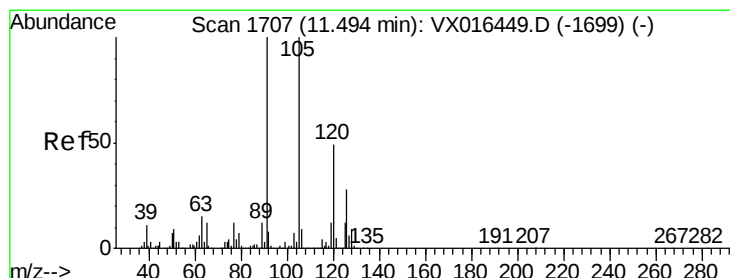
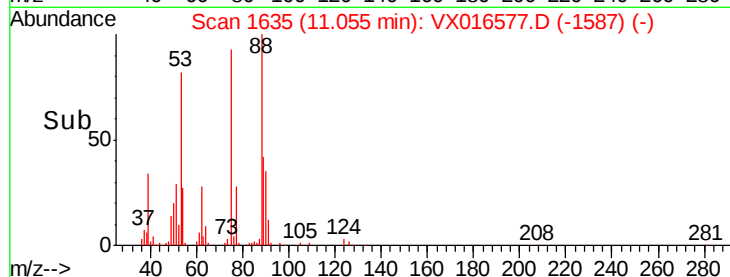
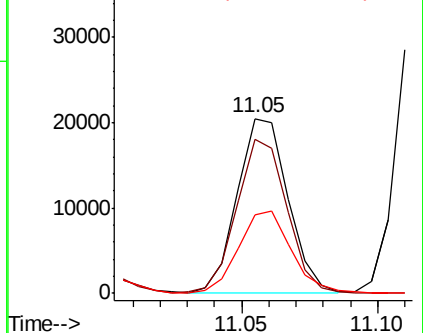
89 49.5 36.6 55.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 18.023 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016577.D

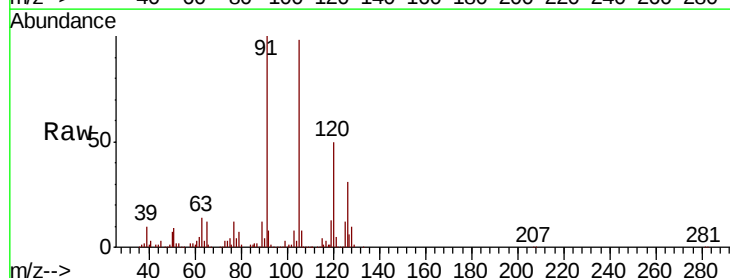
Acq: 04 Jun 2020 11:02

Tgt Ion: 91 Resp: 173532

Ion Ratio Lower Upper

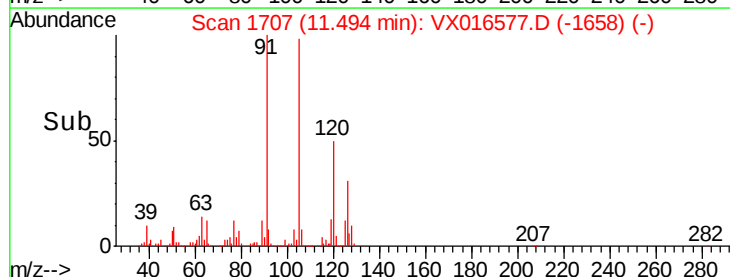
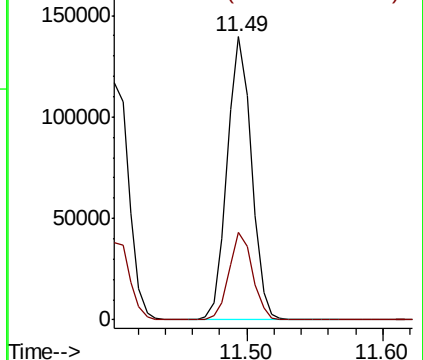
91 100

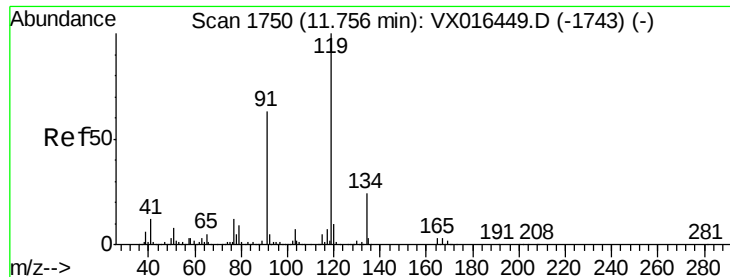
126 30.0 14.7 44.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 18.710 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX016577.D

Acq: 04 Jun 2020 11:02

Instrument :

MSVOA_X

ClientSampleId :

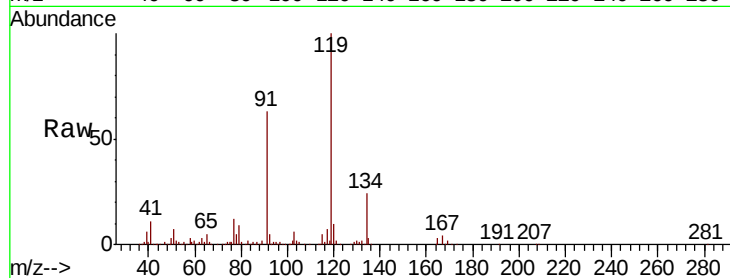
Tot Ion:119 Resp: 159600

Ion Ratio Lower Upper

119 100

91 61.4 31.3 93.8

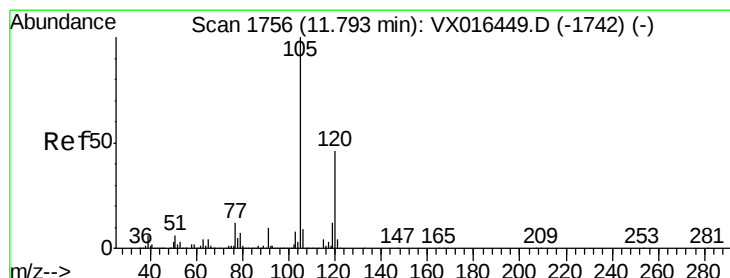
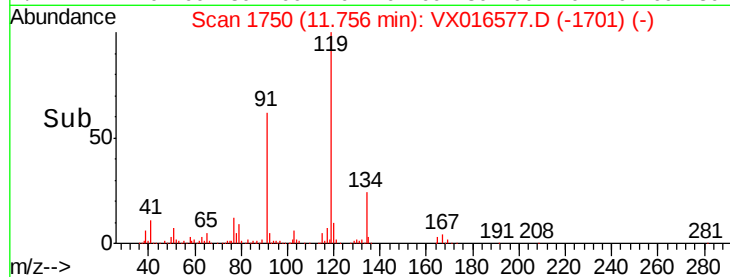
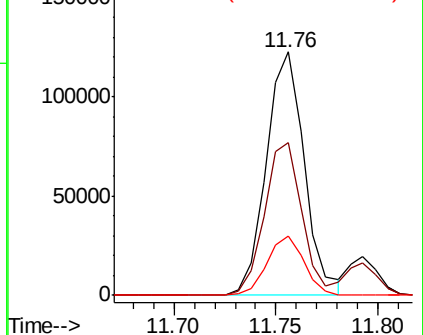
134 23.5 12.0 36.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 18.781 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX016577.D

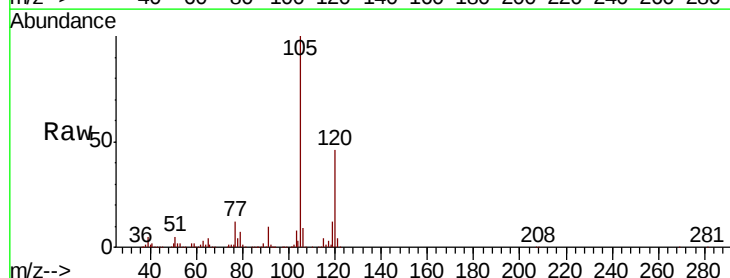
Acq: 04 Jun 2020 11:02

Tgt Ion:105 Resp: 189618

Ion Ratio Lower Upper

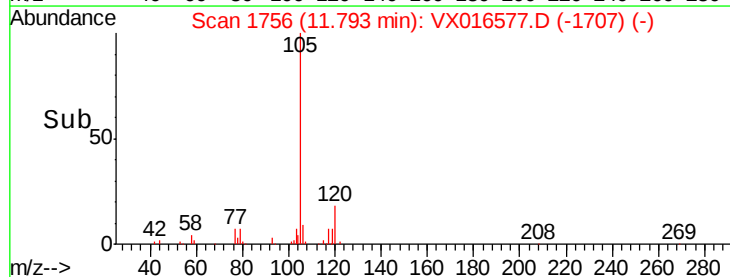
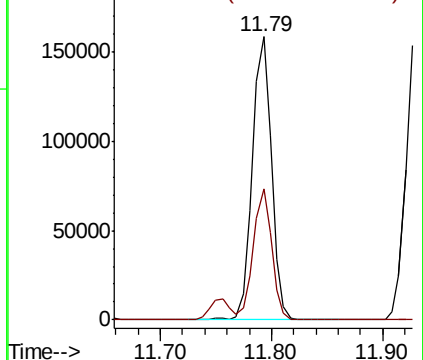
105 100

120 44.6 22.6 67.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 18.896 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016577.D

Acq: 04 Jun 2020 11:02

Instrument :

MSVOA_X

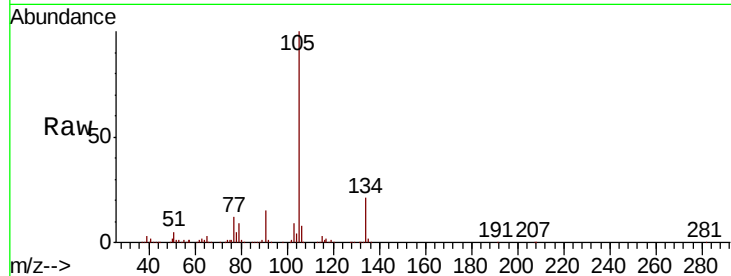
ClientSampleId :

Tot Ion:105 Resp: 202208

Ion Ratio Lower Upper

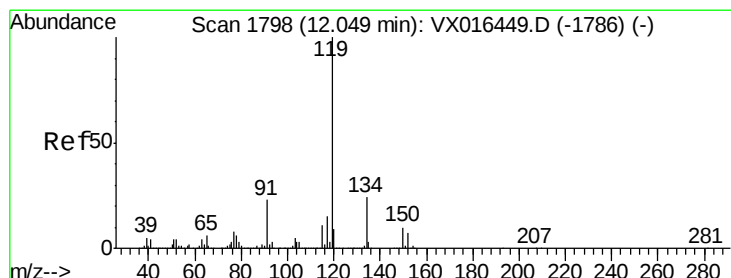
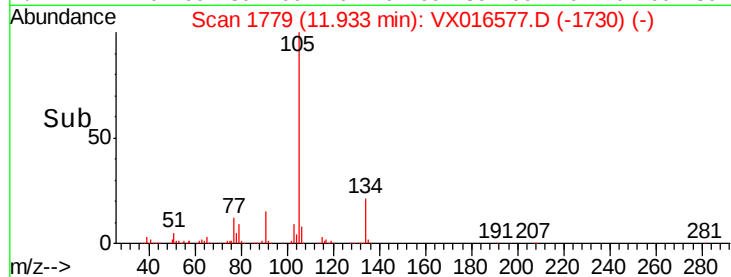
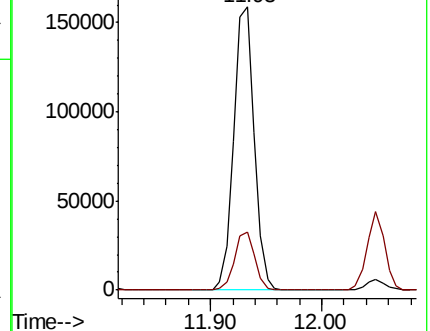
105 100

134 20.4 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.692 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016577.D

Acq: 04 Jun 2020 11:02

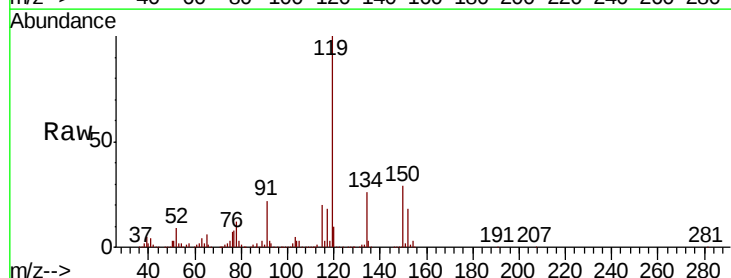
Tgt Ion:119 Resp: 187372

Ion Ratio Lower Upper

119 100

134 26.0 12.7 38.0

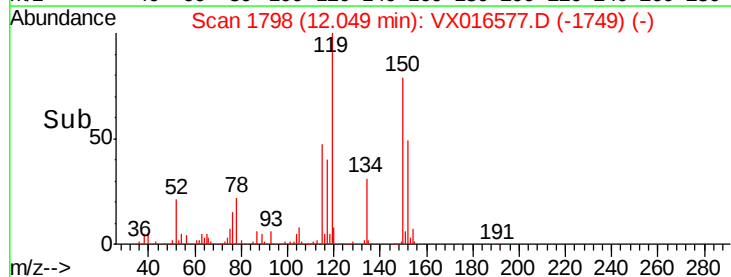
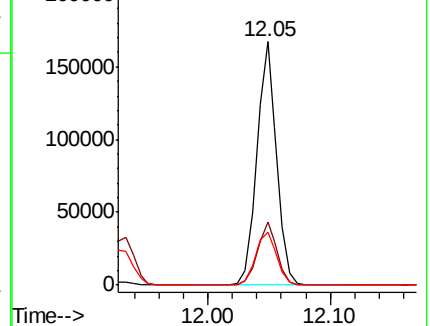
91 23.8 11.7 35.0

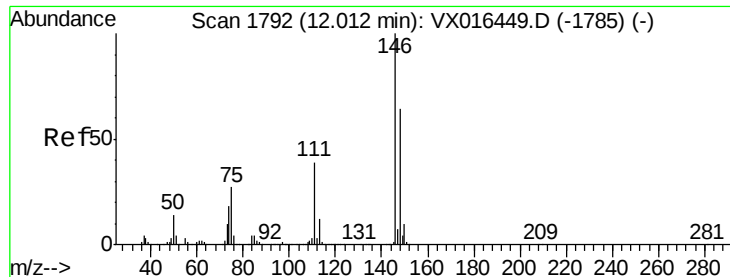


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 18.104 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX016577.D

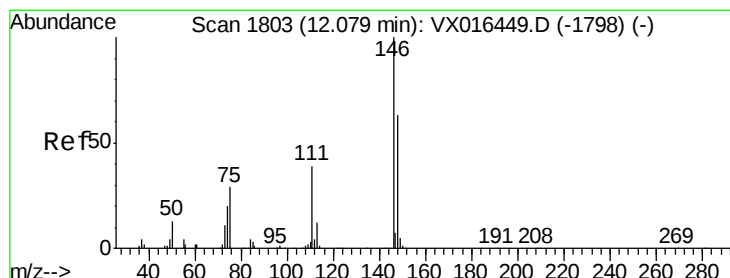
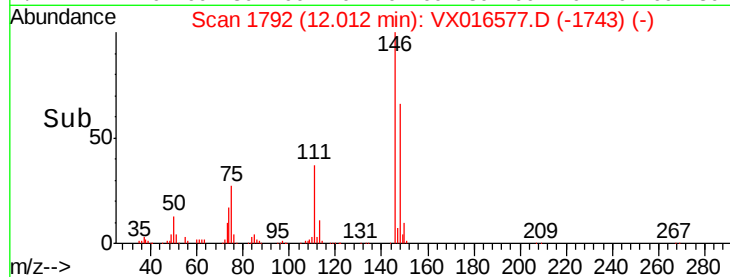
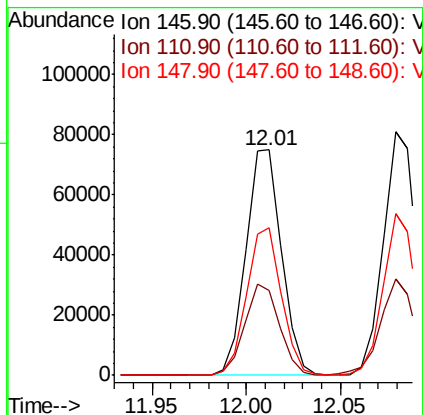
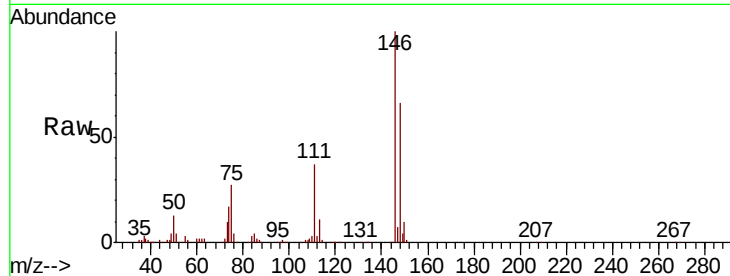
Acq: 04 Jun 2020 11:02

Instrument :

MSVOA_X

ClientSampled :

Tot Ion:146	Resp:	98360
Ion Ratio	Lower	Upper
146	100	
111	39.6	20.0 60.0
148	63.9	31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 18.041 ug/l

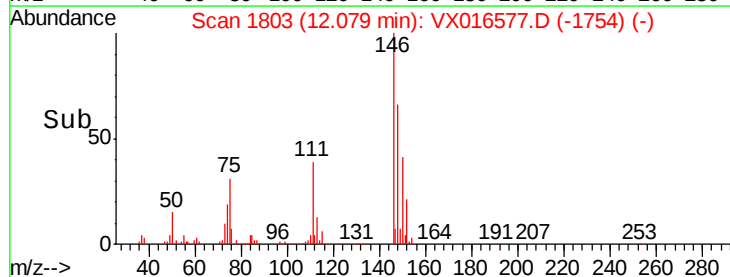
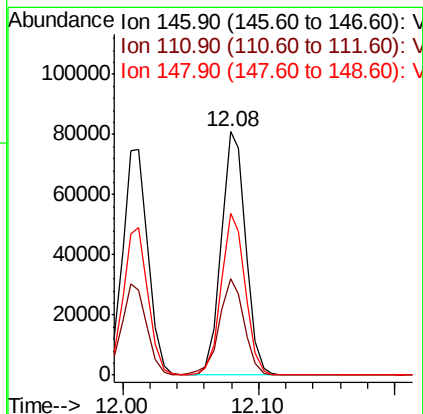
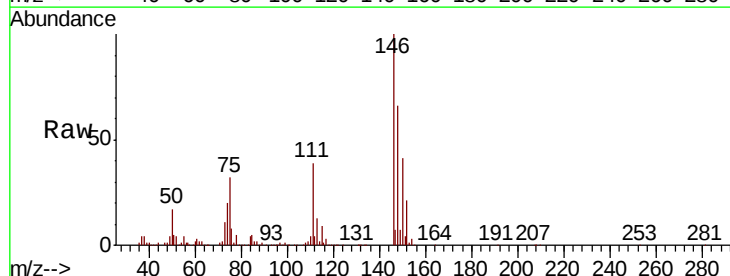
RT: 12.08 min Scan# 1803

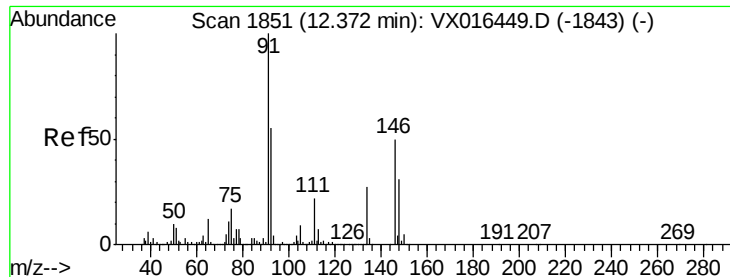
Delta R.T. -0.00 min

Lab File: VX016577.D

Acq: 04 Jun 2020 11:02

Tgt Ion:146	Resp:	100244
Ion Ratio	Lower	Upper
146	100	
111	40.5	19.4 58.2
148	65.3	31.4 94.3

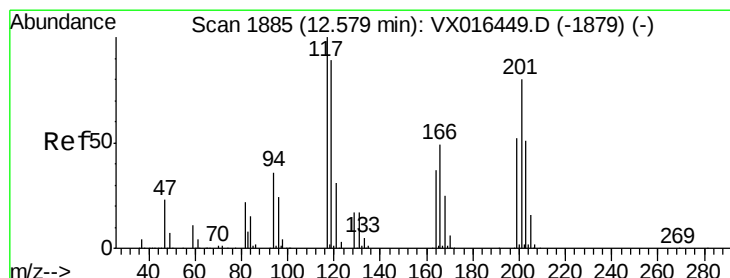
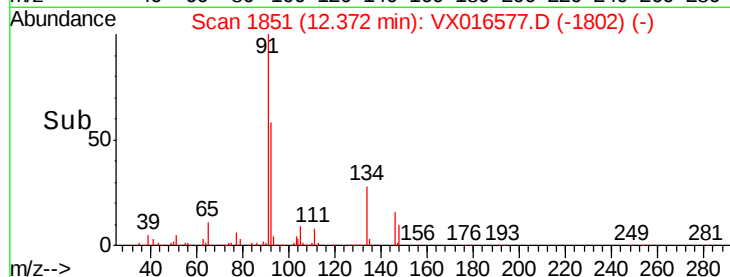
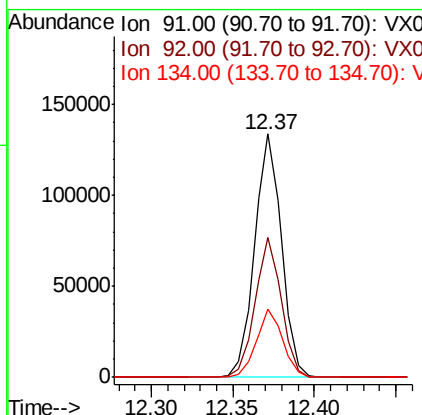
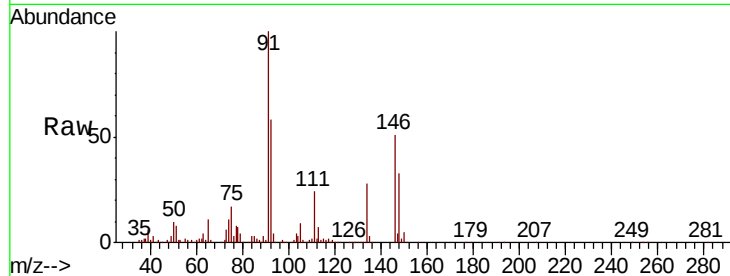




#89
n-Butylbenzene
Concen: 18.377 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016577.D
Acq: 04 Jun 2020 11:02

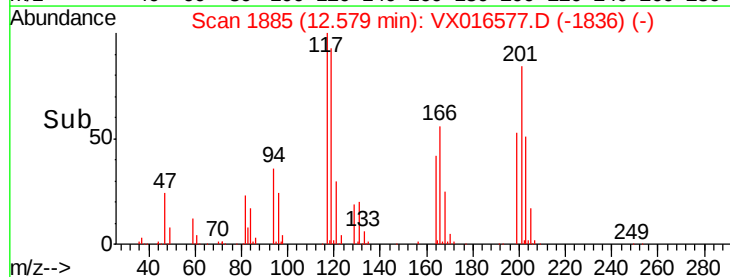
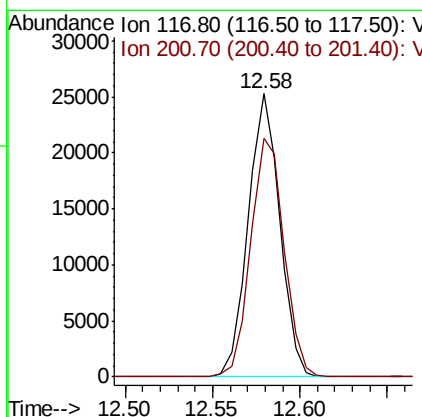
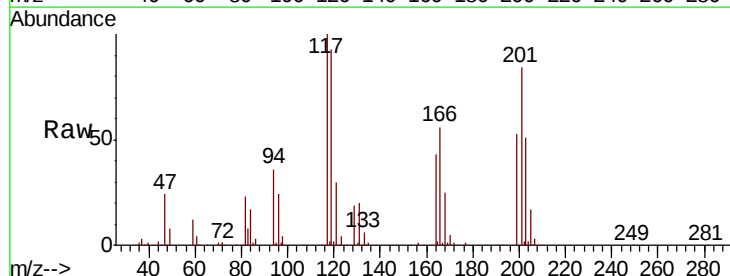
Instrument :
MSVOA_X
ClientSampleId :

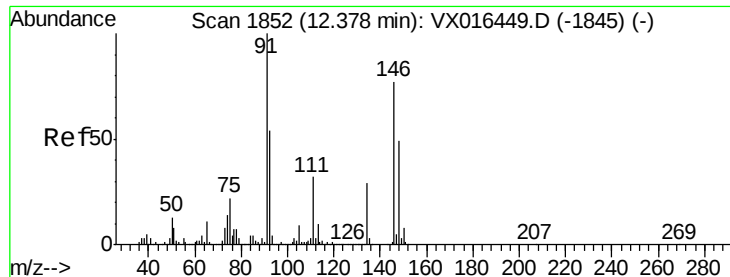
Tot Ion: 91 Resp: 153436
Ion Ratio Lower Upper
91 100
92 56.1 27.2 81.5
134 27.3 13.1 39.3



#90
Hexachloroethane
Concen: 18.323 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016577.D
Acq: 04 Jun 2020 11:02

Tgt Ion: 117 Resp: 31725
Ion Ratio Lower Upper
117 100
201 88.7 43.1 129.3





#91

1,2-Dichlorobenzene

Concen: 18.172 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016577.D

Acq: 04 Jun 2020 11:02

Instrument :

MSVOA_X

ClientSampleId :

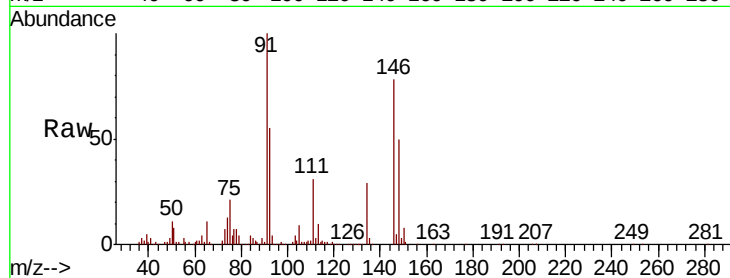
Tot Ion:146 Resp: 95652

Ion Ratio Lower Upper

146 100

111 42.3 21.4 64.3

148 63.8 31.9 95.7

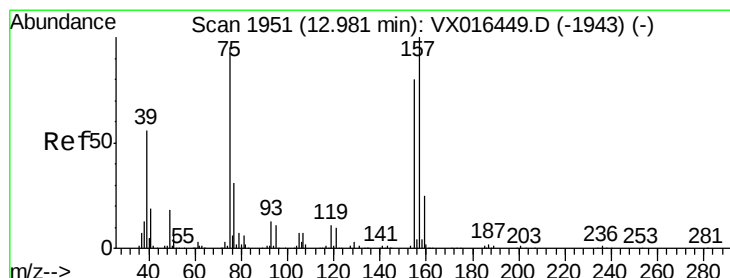
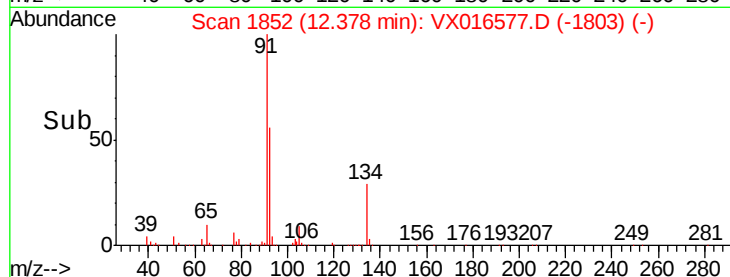
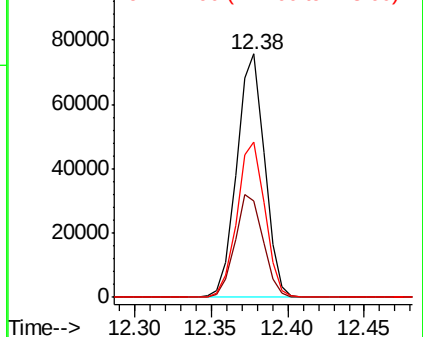


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 16.994 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX016577.D

Acq: 04 Jun 2020 11:02

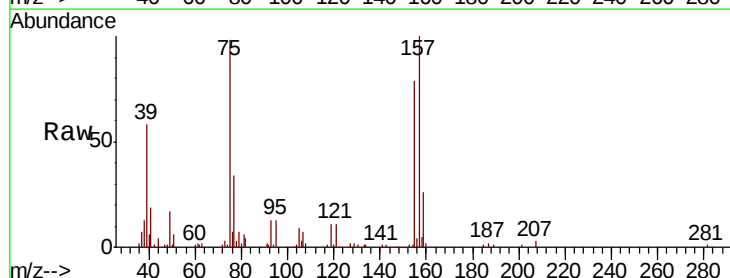
Tgt Ion: 75 Resp: 16494

Ion Ratio Lower Upper

75 100

155 88.7 44.1 132.4

157 116.3 57.8 173.3

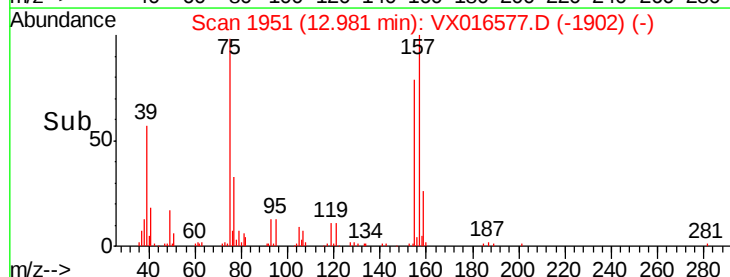
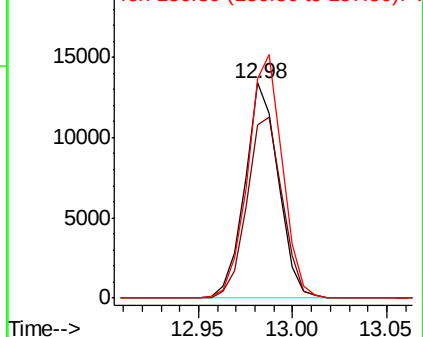


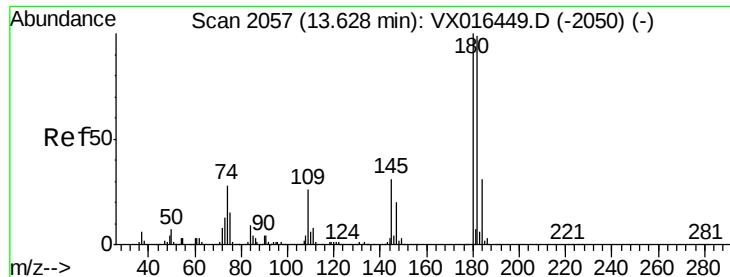
Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

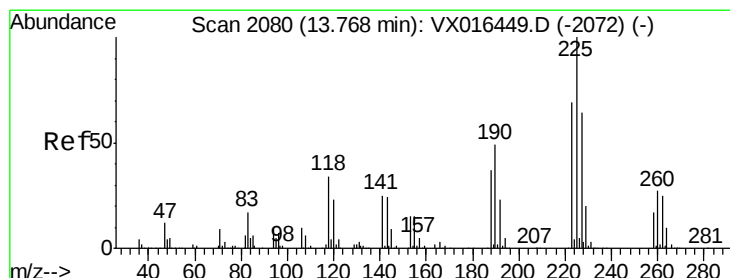
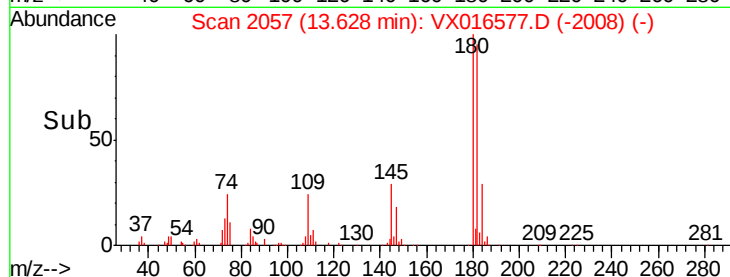
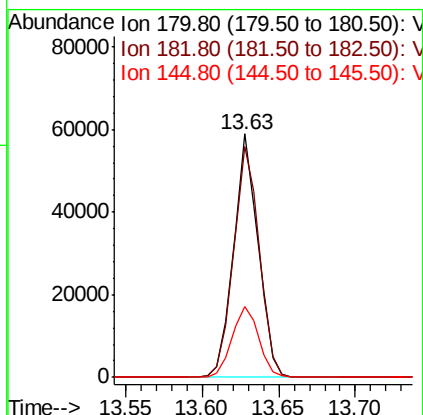
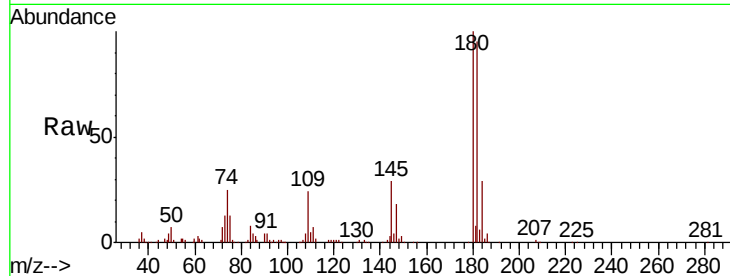




#93
 1,2,4-Trichlorobenzene
 Concen: 18.774 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016577.D
 Acq: 04 Jun 2020 11:02

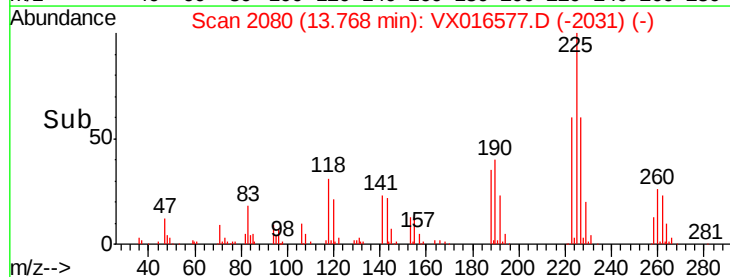
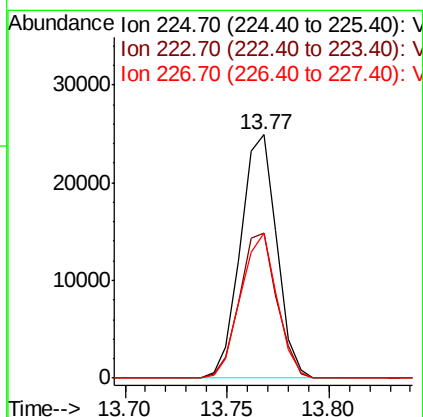
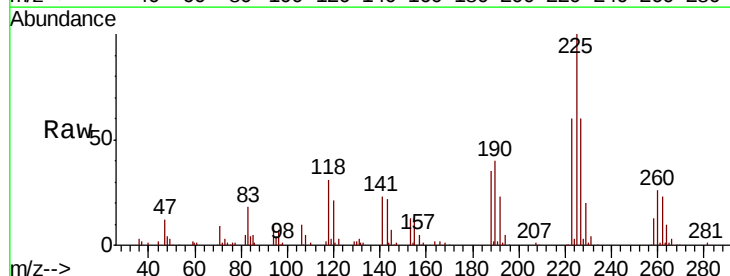
Instrument :
 MSVOA_X
 ClientSampleId :

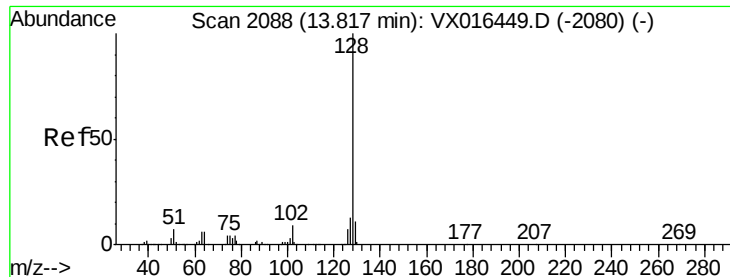
Tot Ion	Ratio	Lower	Upper
180	100		
182	98.9	48.3	144.8
145	31.7	15.4	46.2



#94
 Hexachlorobutadiene
 Concen: 22.363 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX016577.D
 Acq: 04 Jun 2020 11:02

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.2	32.3	96.8
227	59.9	31.6	94.7

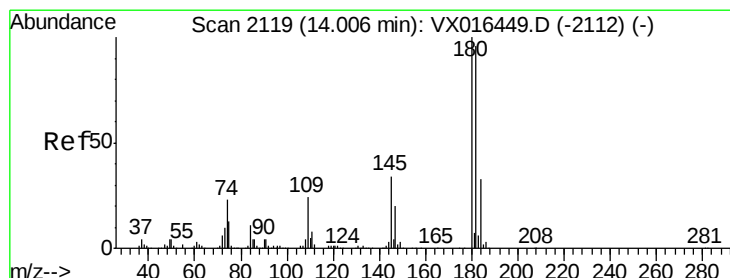
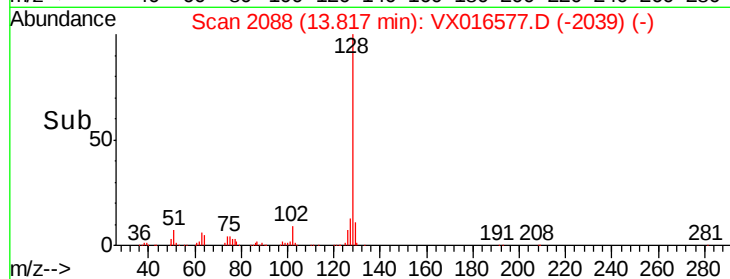
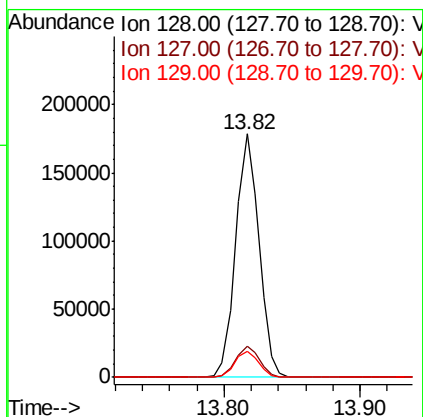
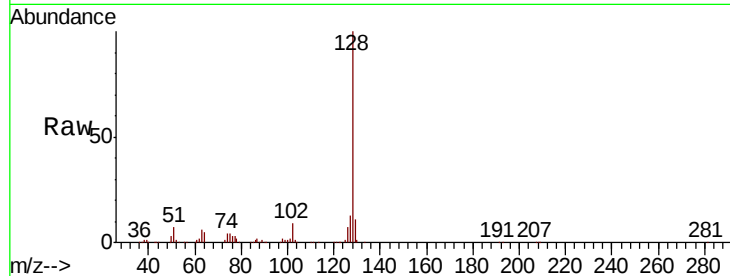




#95
Naphthalene
Concen: 17.764 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016577.D
Acq: 04 Jun 2020 11:02

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 212878
Ion Ratio Lower Upper
128 100
127 13.0 10.6 15.8
129 11.1 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 19.023 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.01 min
Lab File: VX016577.D
Acq: 04 Jun 2020 11:02

Tgt Ion:180 Resp: 65149
Ion Ratio Lower Upper
180 100
182 96.2 48.6 145.8
145 33.7 16.6 49.8

