

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061220\
 Data File : VX016742.D
 Acq On : 12 Jun 2020 20:27
 Operator : JC/SP
 Sample : L3004-05MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 13 04:35:30 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	216549	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	334316	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	318883	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	166595	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	137288	51.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.10%	
35) Dibromofluoromethane	5.46	113	114079	55.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.84%	
50) Toluene-d8	8.70	98	420644	52.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.00%	
62) 4-Bromofluorobenzene	11.12	95	160603	51.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	90591	42.509	ug/l	96
3) Chloromethane	1.31	50	101809	39.533	ug/l	100
4) Vinyl Chloride	1.39	62	121973	44.786	ug/l	99
5) Bromomethane	1.62	94	65280	49.297	ug/l	99
6) Chloroethane	1.70	64	80611	50.741	ug/l	97
7) Trichlorofluoromethane	1.91	101	198621	55.532	ug/l	100
8) Diethyl Ether	2.17	74	76941	51.589	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.36	101	105359	53.522	ug/l	96
10) Methyl Iodide	2.49	142	110847	47.307	ug/l	99
11) Tert butyl alcohol	3.02	59	165772	240.385	ug/l	100
12) 1,1-Dichloroethene	2.36	96	107474	51.579	ug/l	100
13) Acrolein	2.27	56	74349	253.447	ug/l	97
14) Allyl chloride	2.70	41	171420	44.734	ug/l	96
15) Acrylonitrile	3.12	53	353756	250.425	ug/l	99
16) Acetone	2.42	43	316976	269.028	ug/l	100
17) Carbon Disulfide	2.55	76	278760	45.050	ug/l	99
18) Methyl Acetate	2.75	43	149014	49.311	ug/l	95
19) Methyl tert-butyl Ether	3.17	73	393477	52.588	ug/l	97
20) Methylene Chloride	2.83	84	121243	49.737	ug/l	93
21) trans-1,2-Dichloroethene	3.14	96	115391	50.066	ug/l	96
22) Diisopropyl ether	3.82	45	344118	46.746	ug/l	95
23) Vinyl Acetate	3.78	43	1384987	214.945	ug/l	96
24) 1,1-Dichloroethane	3.67	63	208977	50.297	ug/l	99
25) 2-Butanone	4.64	43	475173	238.008	ug/l	94
26) 2,2-Dichloropropane	4.55	77	164674	48.436	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	137981	51.750	ug/l	96
28) Bromochloromethane	4.98	49	85310	44.184	ug/l	83
29) Tetrahydrofuran	5.09	42	302007	234.149	ug/l	92
30) Chloroform	5.18	83	225043	53.755	ug/l	98
31) Cyclohexane	5.55	56	158609	42.433	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	208826	55.097	ug/l	98
36) 1,1-Dichloropropene	5.77	75	155778	49.214	ug/l	98
37) Ethyl Acetate	4.79	43	160995	42.364	ug/l	97
38) Carbon Tetrachloride	5.75	117	186756	56.143	ug/l	98

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Quant Time: Jun 13 04:35:30 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	163403	47.527	ug/l	97
40) Benzene	6.11	78	478451	50.758	ug/l	99
41) Methacrylonitrile	5.00	41	98594	47.232	ug/l	96
42) 1,2-Dichloroethane	6.17	62	176089	52.529	ug/l	99
43) Isopropyl Acetate	6.42	43	266089	44.889	ug/l	97
44) Trichloroethene	7.19	130	142459	47.633	ug/l	94
45) 1,2-Dichloropropane	7.49	63	121078	50.455	ug/l	98
46) Dibromomethane	7.63	93	87163	54.078	ug/l	96
47) Bromodichloromethane	7.88	83	186814	55.976	ug/l	99
48) Methyl methacrylate	7.74	41	136904	48.236	ug/l	96
49) 1,4-Dioxane	7.71	88	62396	939.403	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	899203	243.623	ug/l	96
52) Toluene	8.76	92	314933	52.982	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	202737	53.423	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	204339	50.871	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	134229	56.795	ug/l	95
56) Ethyl methacrylate	9.16	69	204423	53.110	ug/l	95
57) 1,3-Dichloropropane	9.35	76	217319	53.571	ug/l	100
59) 2-Hexanone	9.48	43	705714	245.868	ug/l	97
60) Dibromochloromethane	9.57	129	158165	59.468	ug/l	100
61) 1,2-Dibromoethane	9.65	107	142318	56.234	ug/l	99
64) Tetrachloroethene	9.32	164	149696	41.960	ug/l	99
65) Chlorobenzene	10.12	112	353542	54.381	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	141768	57.126	ug/l	98
67) Ethyl Benzene	10.24	91	593455	51.271	ug/l	98
68) m/p-Xylenes	10.34	106	463374	107.972	ug/l	97
69) o-Xylene	10.68	106	222470	53.527	ug/l	95
70) Stvrene	10.70	104	391839	54.849	ug/l	99
71) Bromoform	10.84	173	125509	59.842	ug/l #	99
73) Isopropylbenzene	11.00	105	591946	51.282	ug/l	100
74) N-amyl acetate	10.88	43	216299	40.738	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.25	83	185286	64.048	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	240117	65.573	ug/l	83
77) Bromobenzene	11.24	156	161255	53.263	ug/l	94
78) n-propylbenzene	11.34	91	654326	50.738	ug/l	99
79) 2-Chlorotoluene	11.40	91	404107	51.336	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	507408	52.645	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	69417	46.631	ug/l	98
82) 4-Chlorotoluene	11.49	91	474773	51.075	ug/l	98
83) tert-Butylbenzene	11.76	119	477989	58.040	ug/l	94
84) 1,2,4-Trimethylbenzene	11.79	105	516460	52.985	ug/l	98
85) sec-Butylbenzene	11.93	105	549471	53.186	ug/l	99
86) p-Isopropyltoluene	12.05	119	524471	54.195	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	283076	53.969	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	294360	54.873	ug/l	99
89) n-Butylbenzene	12.37	91	423337	52.518	ug/l	99
90) Hexachloroethane	12.58	117	94859	56.748	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	283317	55.752	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	50558	53.955	ug/l	99
93) 1,2,4-Trichlorobenzene	13.63	180	191721	56.807	ug/l	99

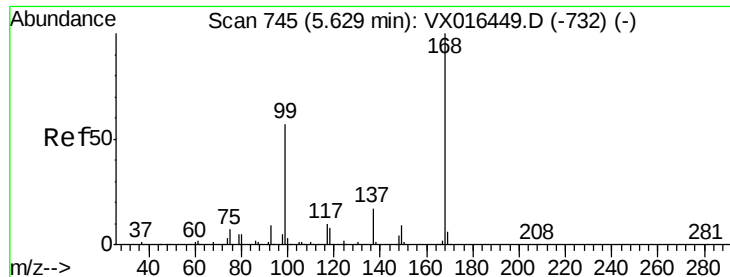
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
Quant Title : SW846 8260
QLast Update : Wed May 27 16:31:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.76	225	80197	60.522	ug/l	97
95) Naphthalene	13.82	128	634305	54.824	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	196950	59.566	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016742.D

Acq: 12 Jun 2020 20:27

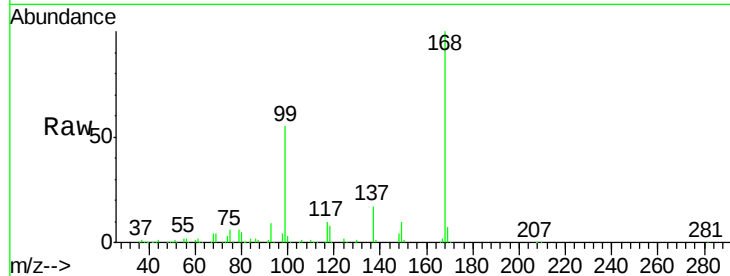
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 216549

Ion Ratio Lower Upper

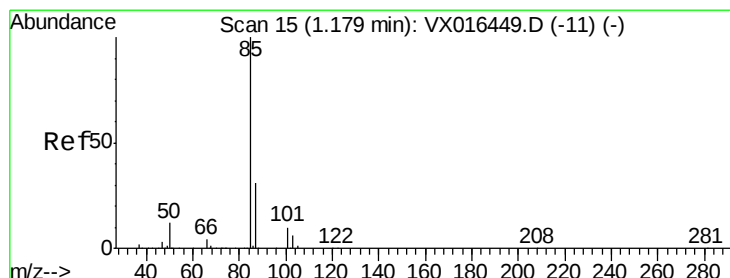
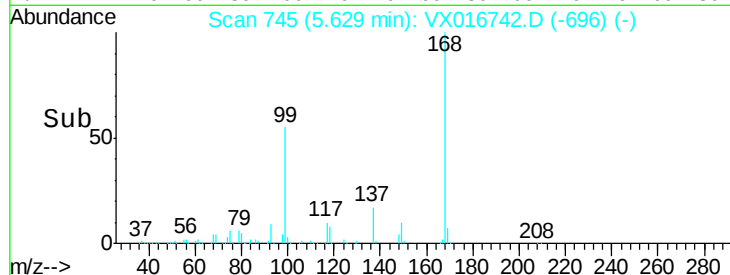
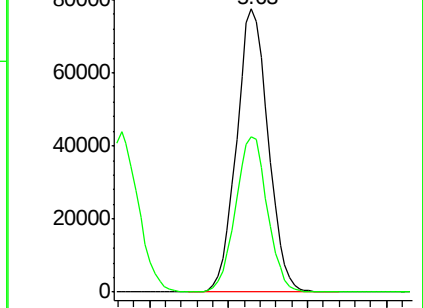
168 100

99 55.0 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 42.509 ug/l

RT: 1.18 min Scan# 15

Delta R.T. -0.00 min

Lab File: VX016742.D

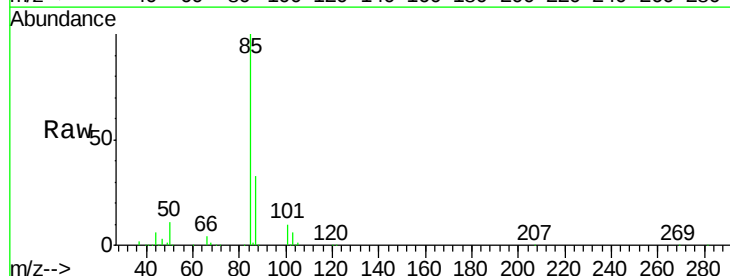
Acq: 12 Jun 2020 20:27

Tgt Ion: 85 Resp: 90591

Ion Ratio Lower Upper

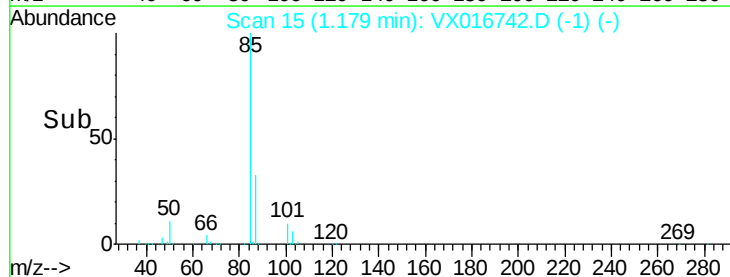
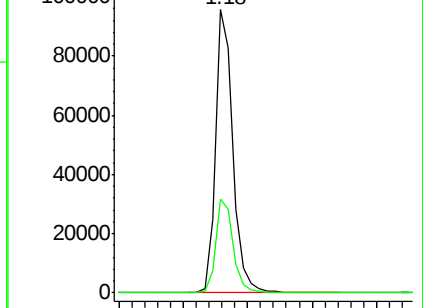
85 100

87 33.0 15.4 46.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 39.533 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016742.D

Acq: 12 Jun 2020 20:27

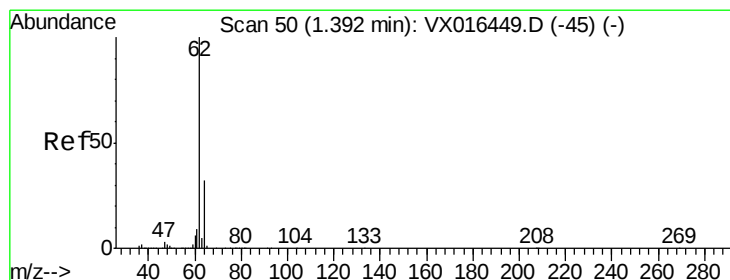
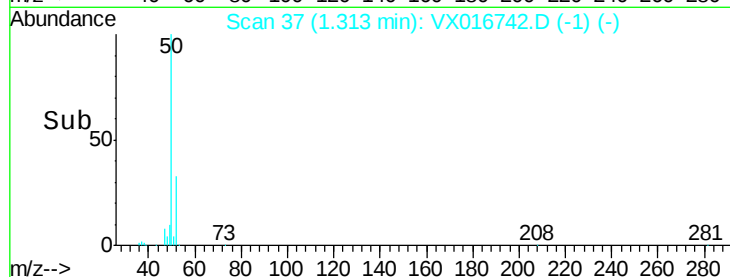
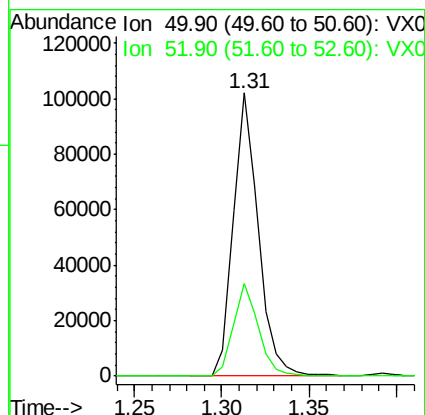
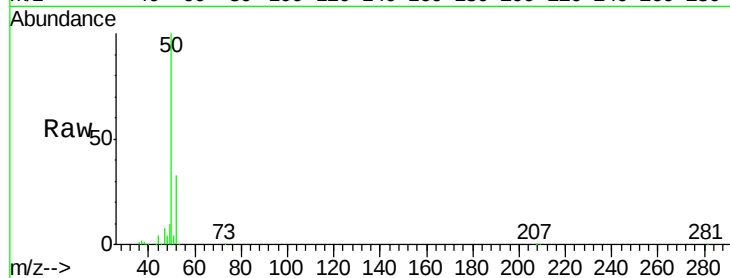
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 50 Resp: 101809

Ion Ratio Lower Upper

50 100

52 32.6 26.2 39.2



#4

Vinyl Chloride

Concen: 44.786 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016742.D

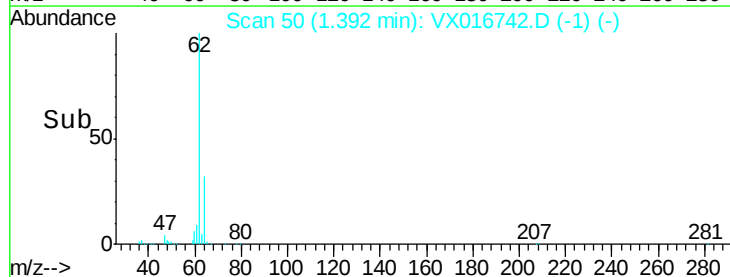
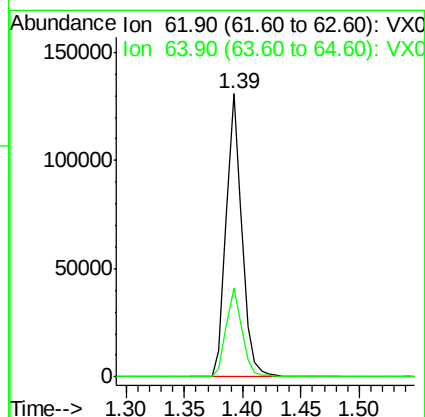
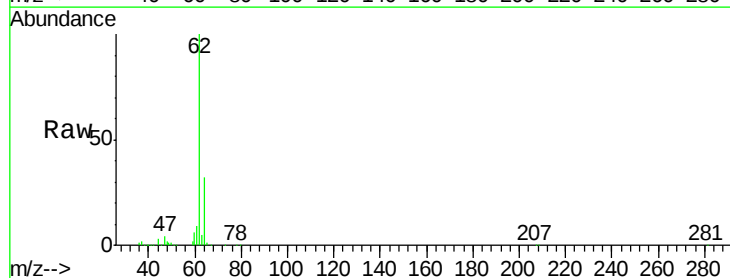
Acq: 12 Jun 2020 20:27

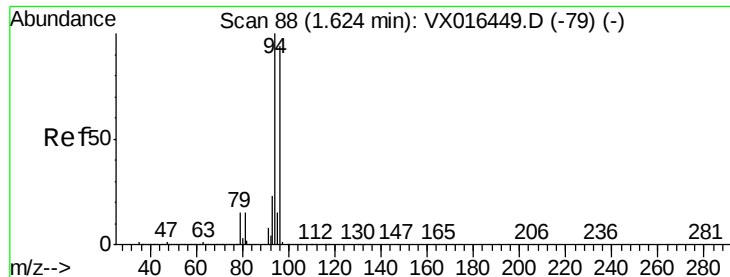
Tgt Ion: 62 Resp: 121973

Ion Ratio Lower Upper

62 100

64 31.6 25.9 38.9





#5

Bromomethane

Concen: 49.297 ug/l

RT: 1.62 min Scan# 87

Delta R.T. -0.01 min

Lab File: VX016742.D

Acq: 12 Jun 2020 20:27

Instrument :

MSVOA_X

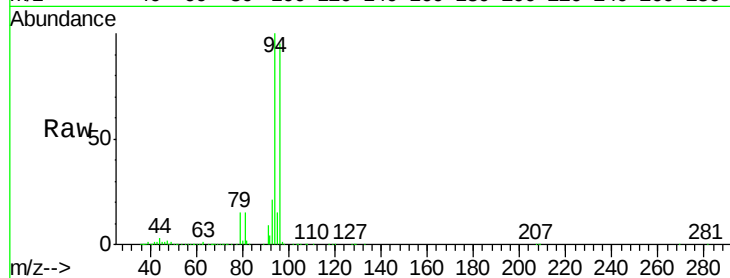
ClientSampleId :

Tot Ion: 94 Resp: 65280

Ion Ratio Lower Upper

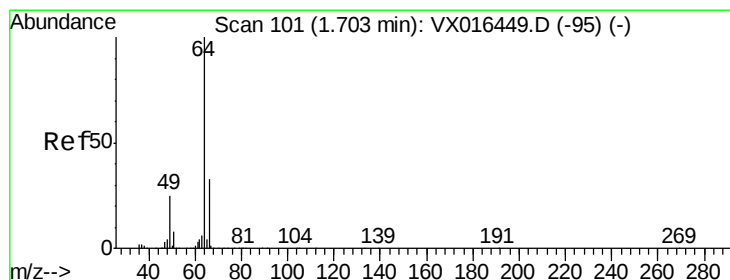
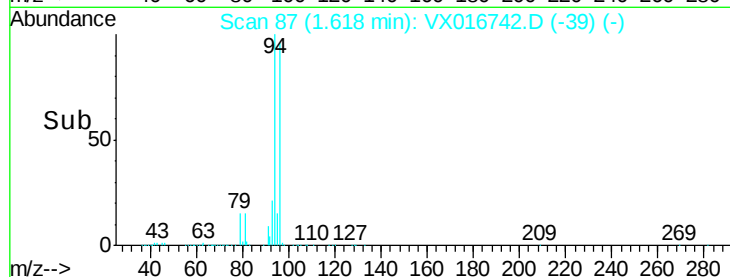
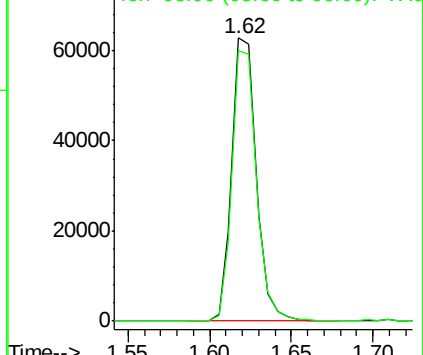
94 100

96 95.3 75.1 112.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 50.741 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX016742.D

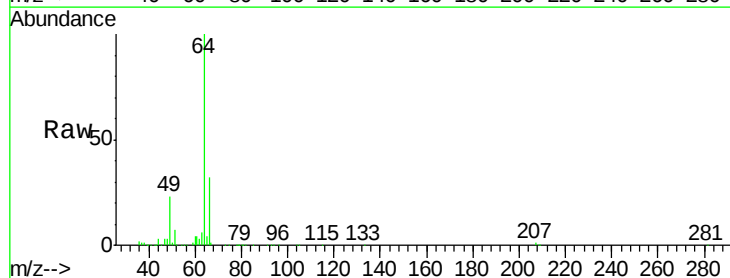
Acq: 12 Jun 2020 20:27

Tgt Ion: 64 Resp: 80611

Ion Ratio Lower Upper

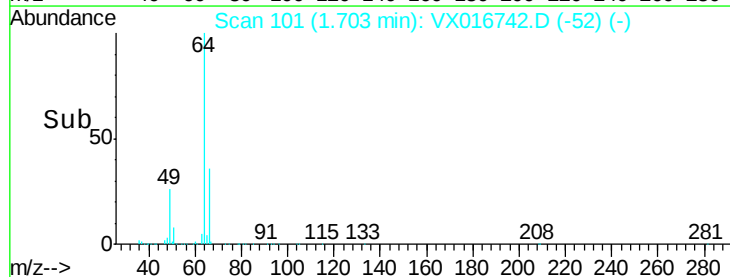
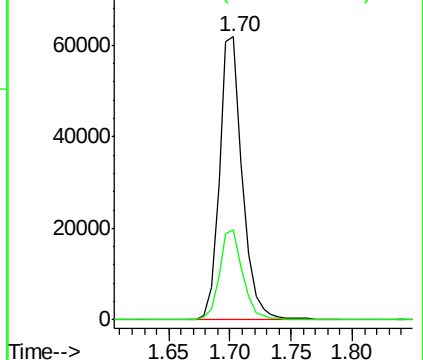
64 100

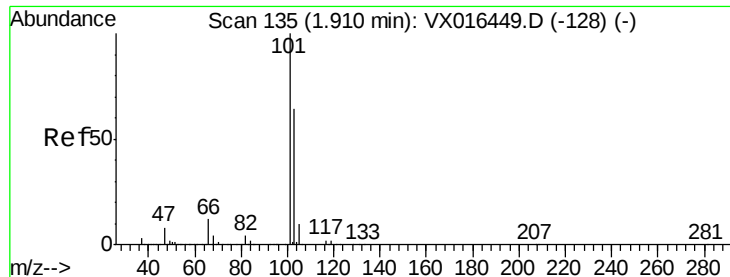
66 31.6 26.7 40.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



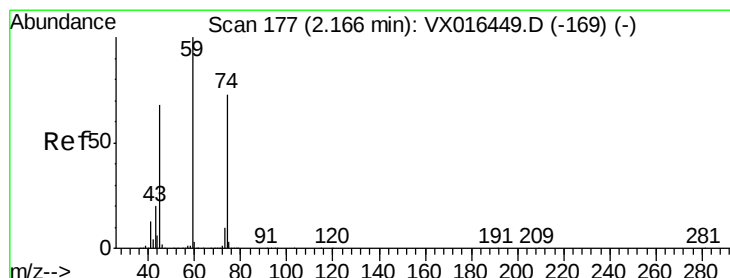
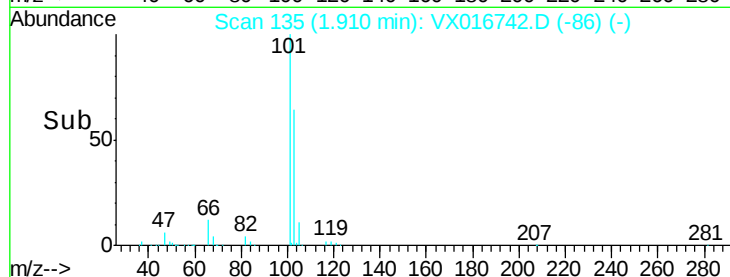
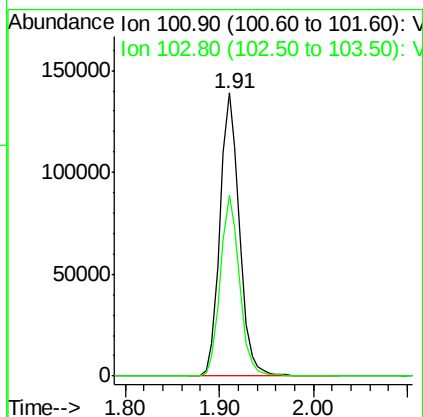
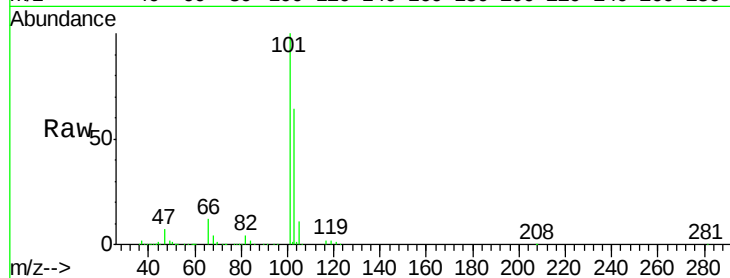


#7

Trichlorofluoromethane
Concen: 55.532 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.00 min
Lab File: VX016742.D
Acq: 12 Jun 2020 20:27

Instrument :
MSVOA_X
ClientSampled :

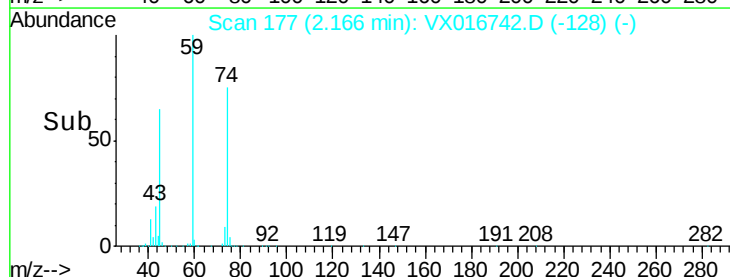
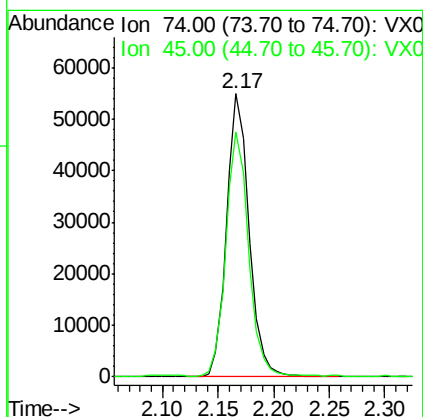
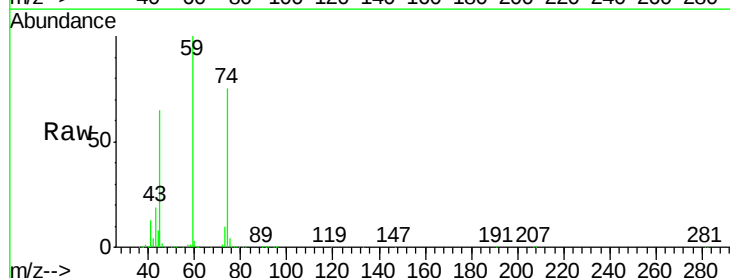
Tot Ion:101 Resp: 198621
Ion Ratio Lower Upper
101 100
103 63.8 50.9 76.3



#8

Diethyl Ether
Concen: 51.589 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016742.D
Acq: 12 Jun 2020 20:27

Tgt Ion: 74 Resp: 76941
Ion Ratio Lower Upper
74 100
45 86.4 47.5 142.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.522 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016742.D

Acq: 12 Jun 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

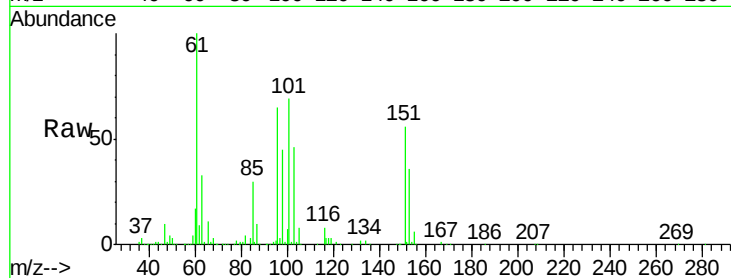
Tot Ion:101 Resp: 105359

Ion Ratio Lower Upper

101 100

85 42.8 34.4 51.6

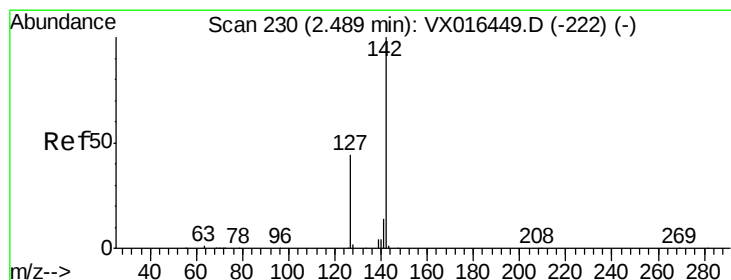
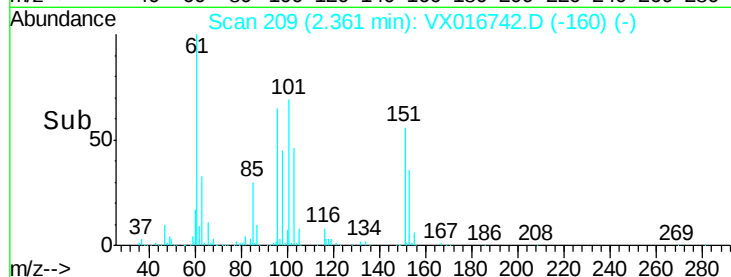
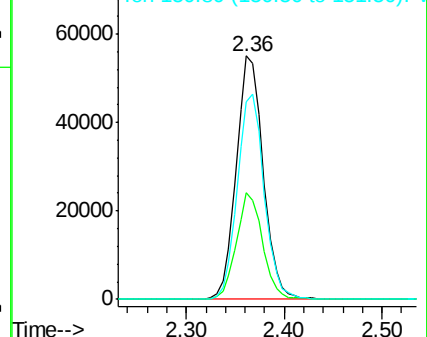
151 84.5 63.8 95.6



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: 47.307 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX016742.D

Acq: 12 Jun 2020 20:27

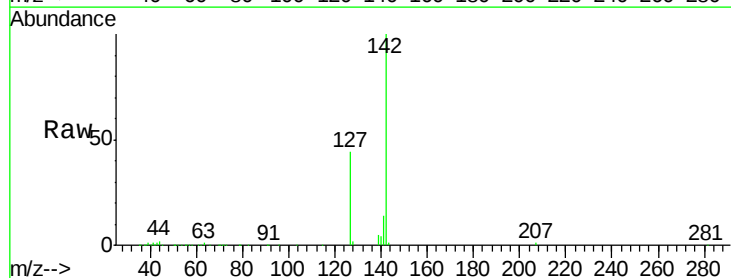
Tgt Ion:142 Resp: 110847

Ion Ratio Lower Upper

142 100

127 45.1 35.3 52.9

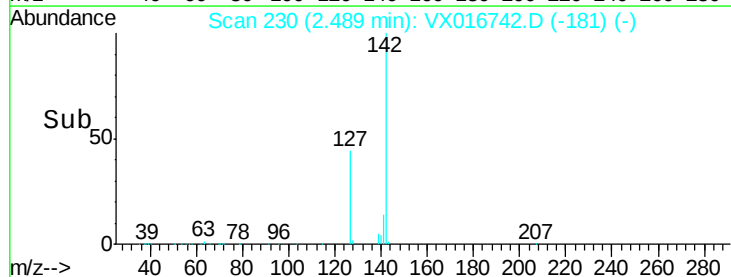
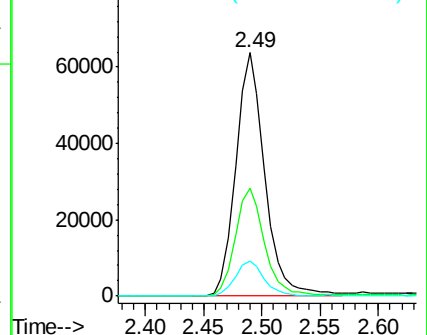
141 14.7 11.4 17.2

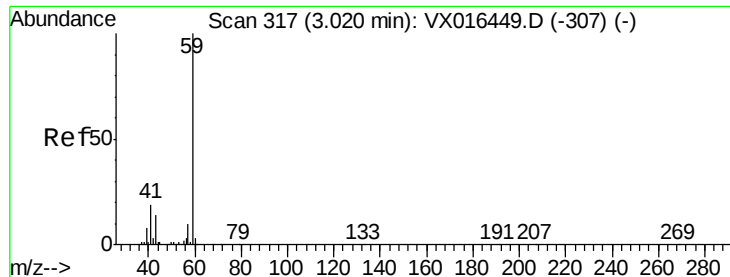


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



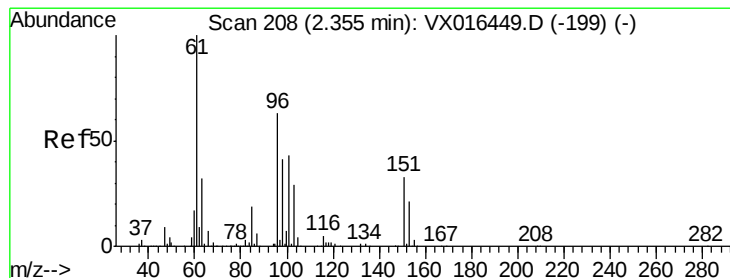
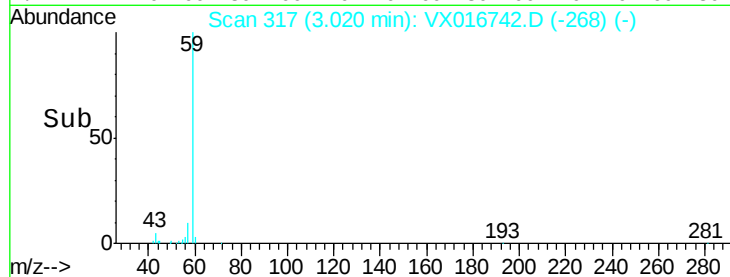
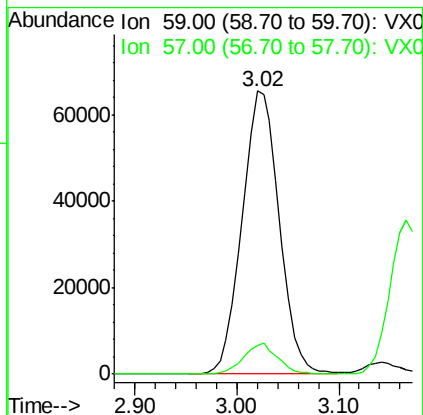
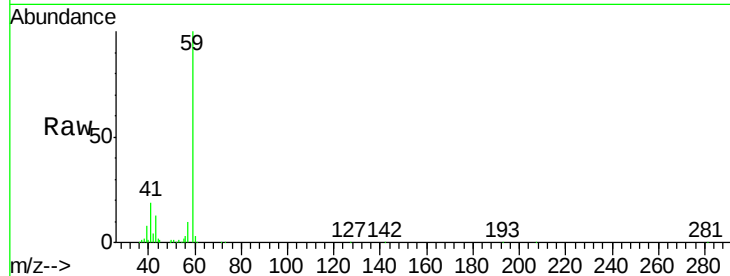


#11

Tert butyl alcohol
 Concen: 240.385 ug/l
 RT: 3.02 min Scan# 317
 Delta R.T. -0.00 min
 Lab File: VX016742.D
 Acq: 12 Jun 2020 20:27

Instrument :
 MSVOA_X
 ClientSampleId :

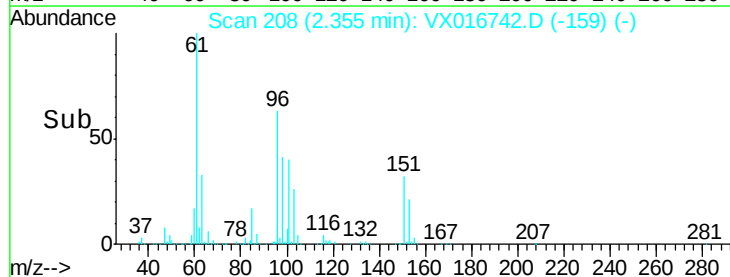
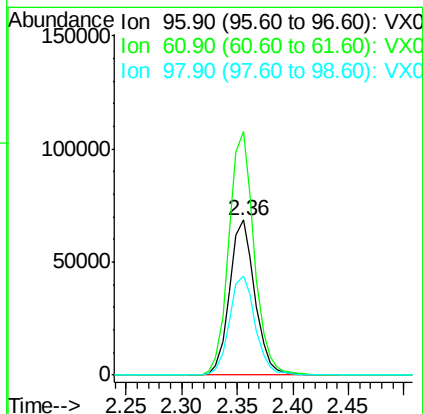
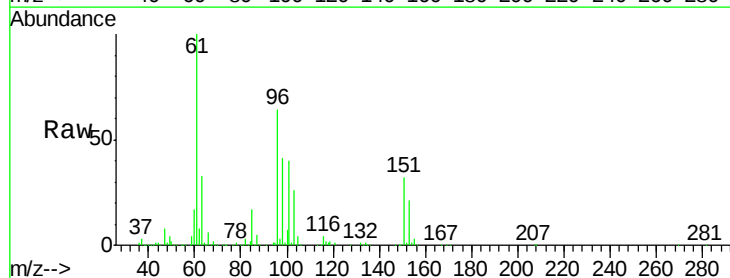
Tot Ion: 59 Resp: 165772
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.2 12.4

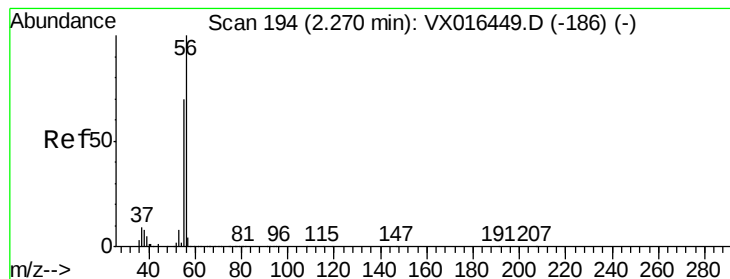


#12

1,1-Dichloroethene
 Concen: 51.579 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX016742.D
 Acq: 12 Jun 2020 20:27

Tgt Ion: 96 Resp: 107474
 Ion Ratio Lower Upper
 96 100
 61 157.5 126.6 189.8
 98 64.3 51.3 76.9





#13

Acrolein

Concen: 253.447 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016742.D

Acq: 12 Jun 2020 20:27

Instrument :

MSVOA_X

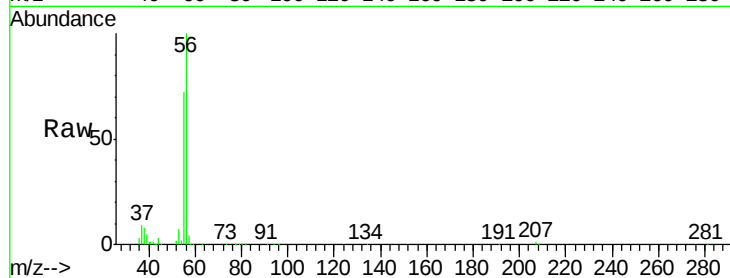
ClientSampleId :

Tot Ion: 56 Resp: 74349

Ion Ratio Lower Upper

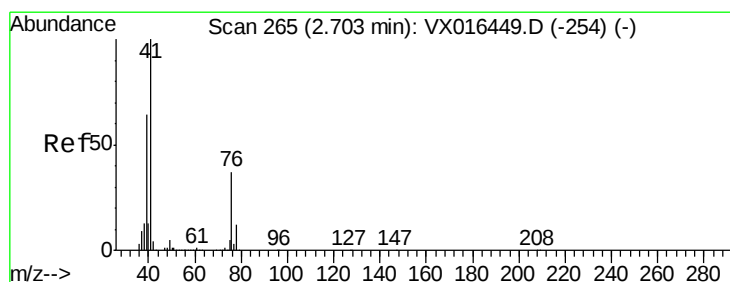
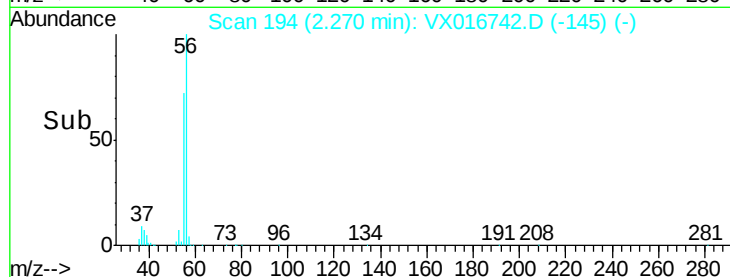
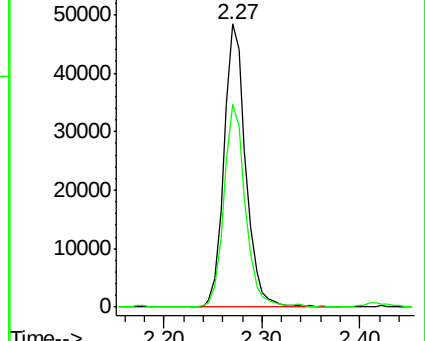
56 100

55 70.5 58.3 87.5



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 44.734 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX016742.D

Acq: 12 Jun 2020 20:27

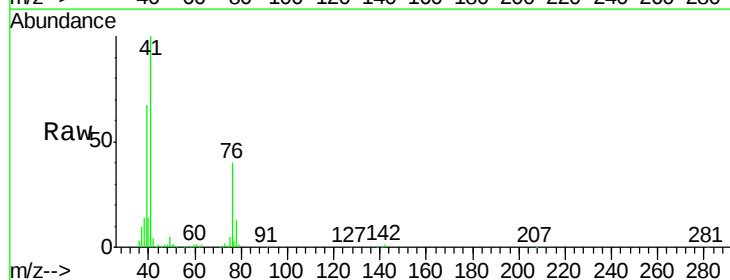
Tgt Ion: 41 Resp: 171420

Ion Ratio Lower Upper

41 100

39 61.9 47.7 71.5

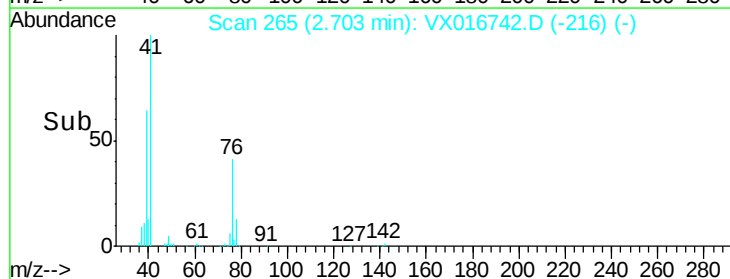
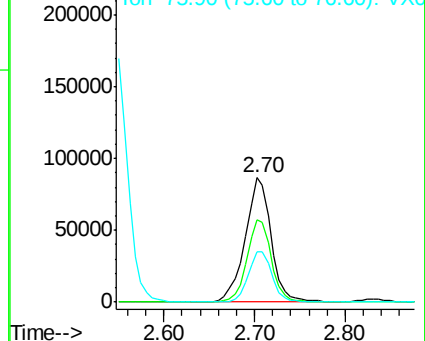
76 37.0 26.6 40.0



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

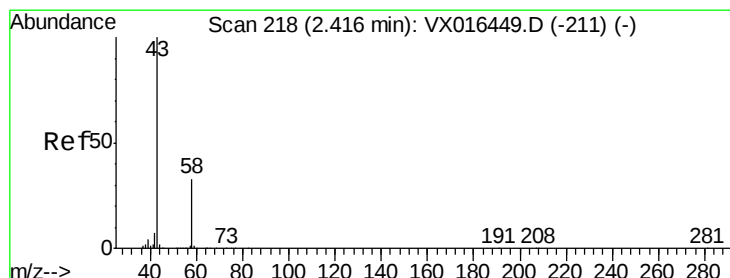
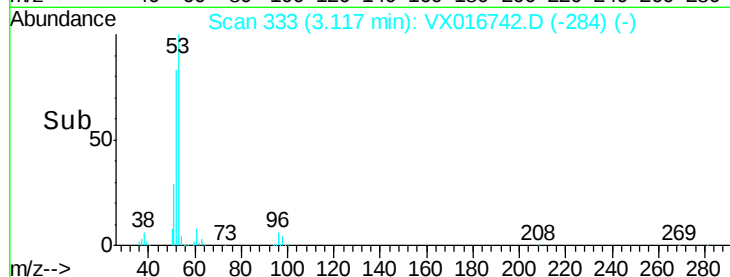
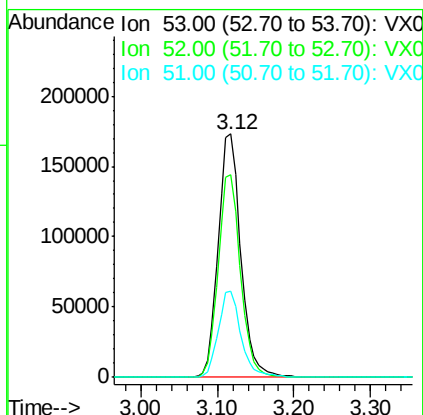
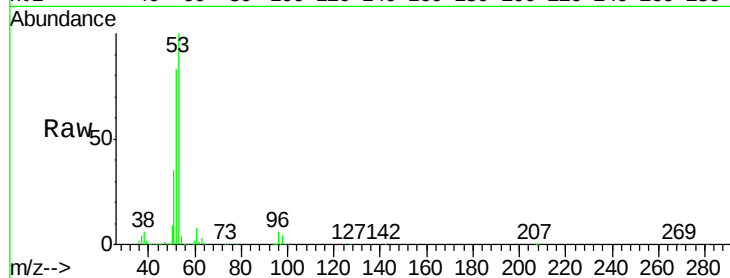




#15
 Acrylonitrile
 Concen: 250.425 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. -0.00 min
 Lab File: VX016742.D
 Acq: 12 Jun 2020 20:27

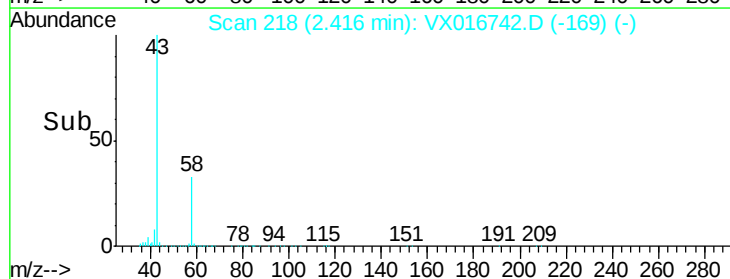
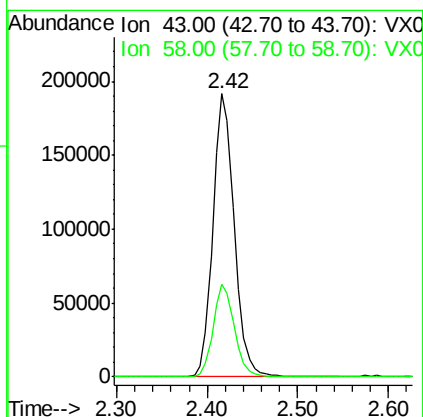
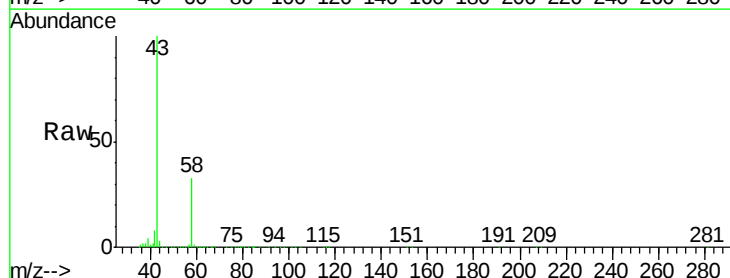
Instrument :
 MSVOA_X
 ClientSampleId :

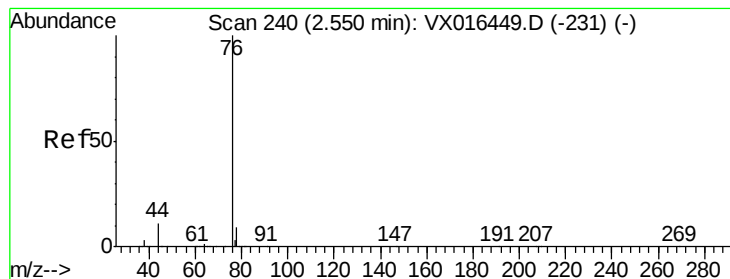
Tot Ion	53	Resp	353756
Ion Ratio	Lower	Upper	
53	100		
52	82.7	66.7	100.1
51	35.7	28.6	43.0



#16
 Acetone
 Concen: 269.028 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. -0.00 min
 Lab File: VX016742.D
 Acq: 12 Jun 2020 20:27

Tgt Ion	43	Resp	316976
Ion Ratio	Lower	Upper	
43	100		
58	32.6	26.1	39.1





#17

Carbon Disulfide

Concen: 45.050 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX016742.D

Acq: 12 Jun 2020 20:27

Instrument :

MSVOA_X

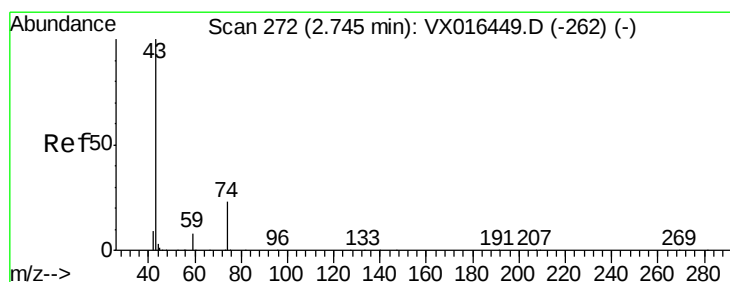
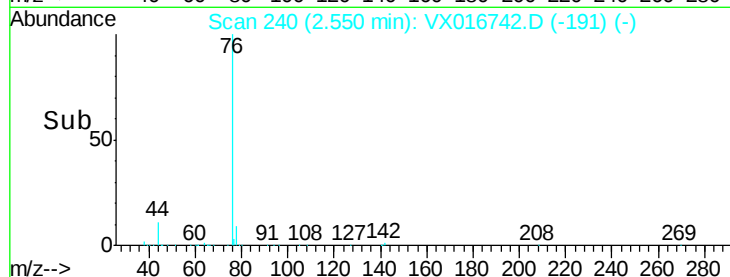
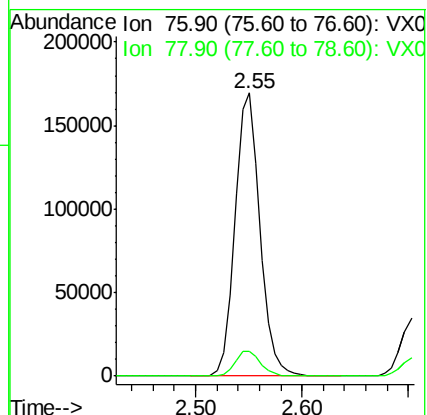
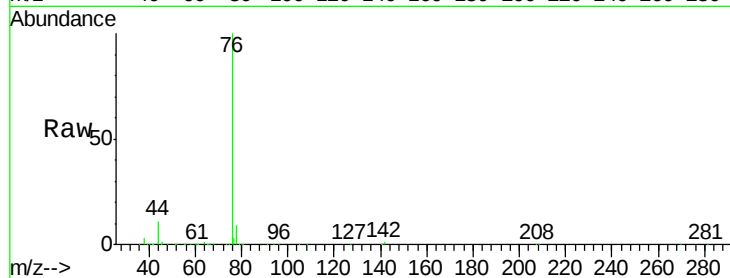
ClientSampleId :

Tot Ion: 76 Resp: 278760

Ion Ratio Lower Upper

76 100

78 8.7 7.4 11.0



#18

Methyl Acetate

Concen: 49.311 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.00 min

Lab File: VX016742.D

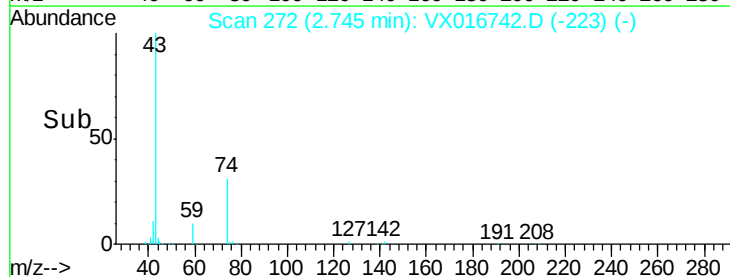
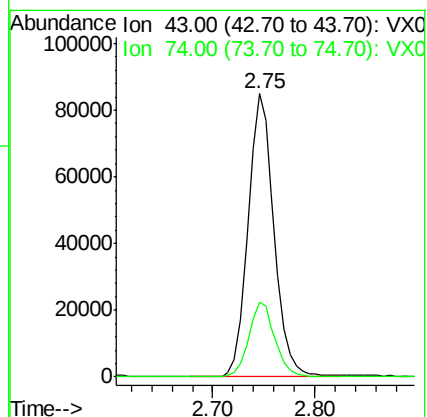
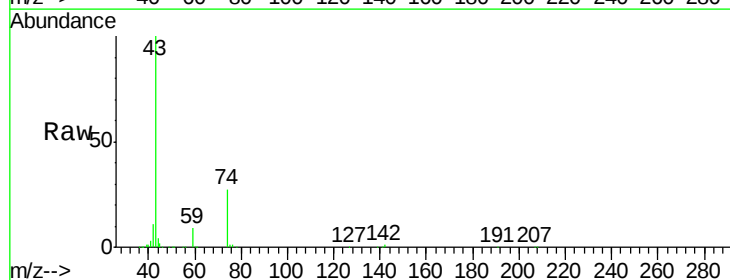
Acq: 12 Jun 2020 20:27

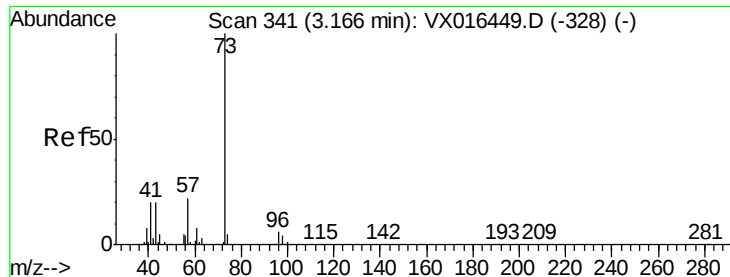
Tgt Ion: 43 Resp: 149014

Ion Ratio Lower Upper

43 100

74 27.2 19.7 29.5

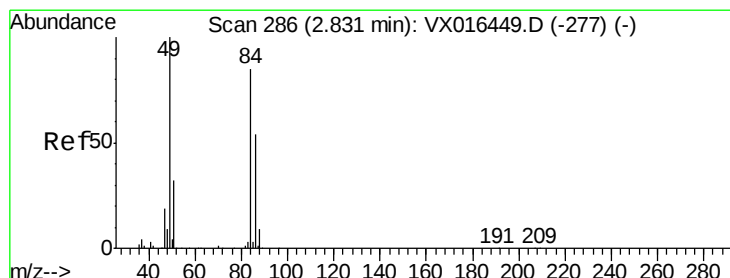
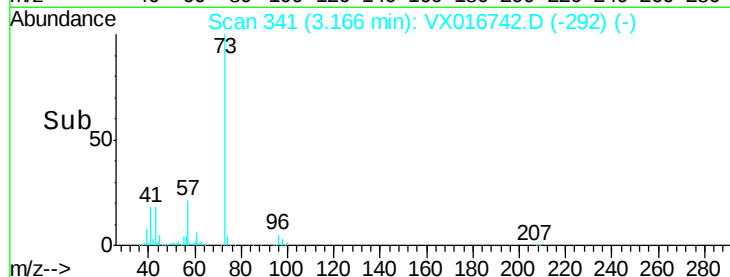
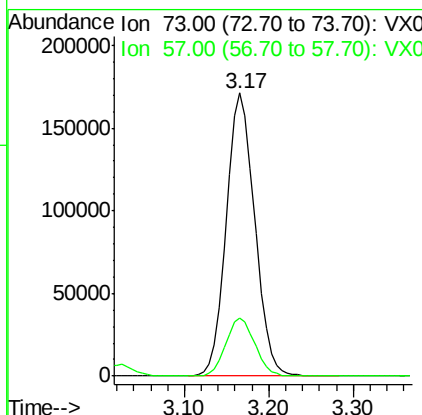
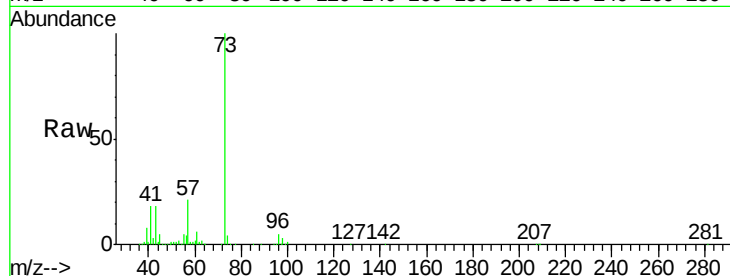




#19
Methvl tert-butvl Ether
Concen: 52.588 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016742.D
Acq: 12 Jun 2020 20:27

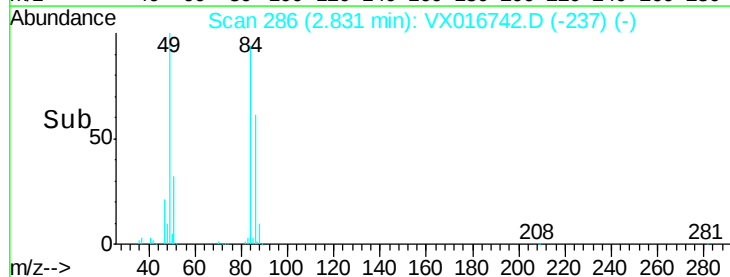
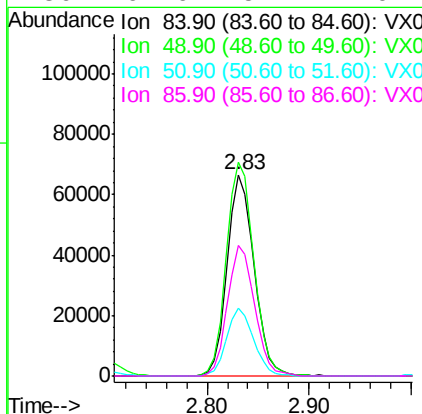
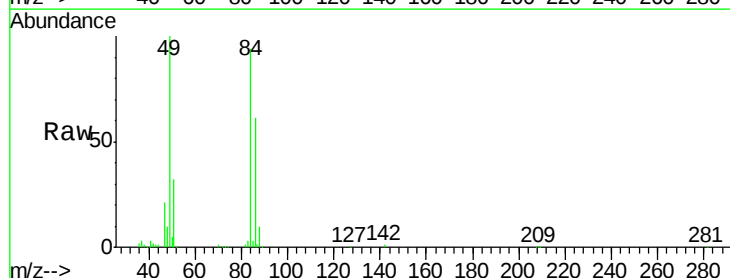
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 73 Resp: 393477
Ion Ratio Lower Upper
73 100
57 20.7 17.8 26.6



#20
Methylene Chloride
Concen: 49.737 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX016742.D
Acq: 12 Jun 2020 20:27

Tgt Ion: 84 Resp: 121243
Ion Ratio Lower Upper
84 100
49 106.2 94.5 141.7
51 33.8 30.2 45.4
86 64.6 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 50.066 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016742.D

Acq: 12 Jun 2020 20:27

Instrument :
MSVOA_X
ClientSampleId :

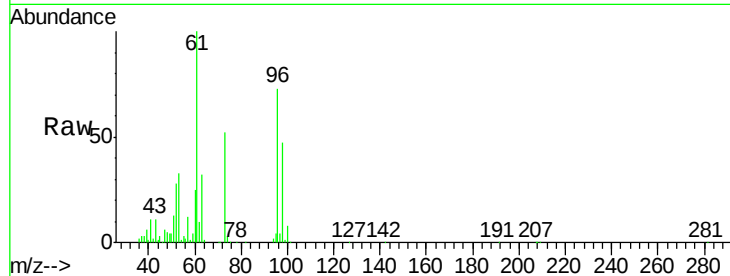
Tot Ion: 96 Resp: 115391

Ion Ratio Lower Upper

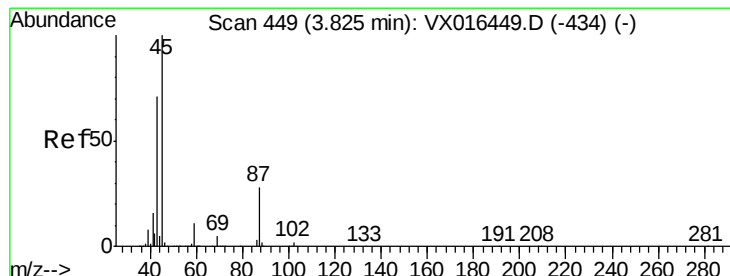
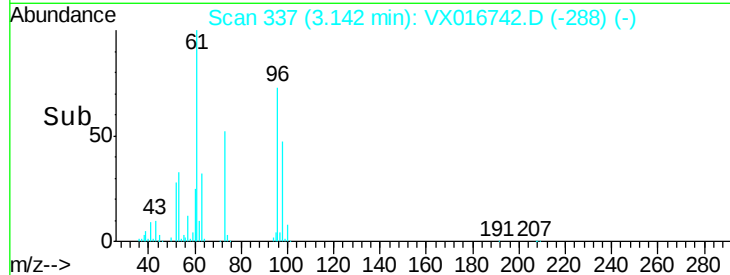
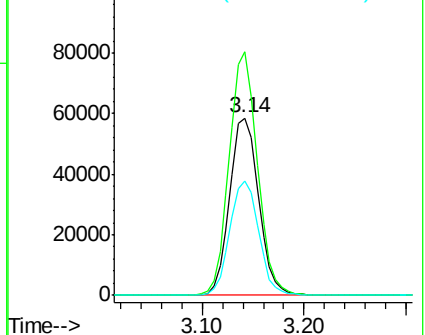
96 100

61 137.3 115.3 172.9

98 64.8 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: 46.746 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX016742.D

Acq: 12 Jun 2020 20:27

Tgt Ion: 45 Resp: 344118

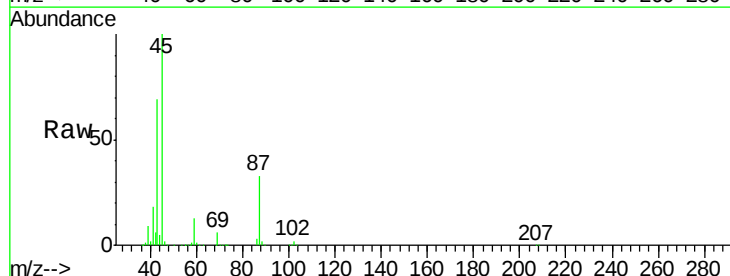
Ion Ratio Lower Upper

45 100

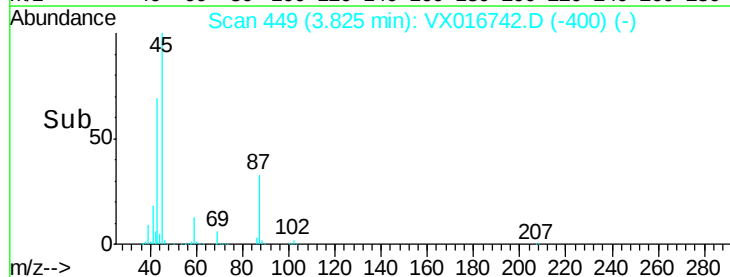
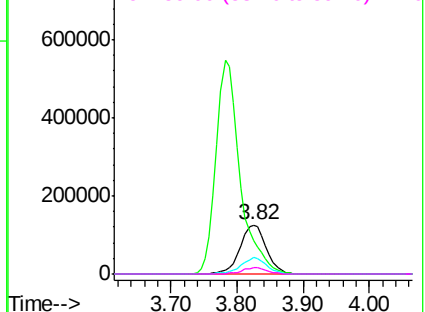
43 68.8 57.0 85.6

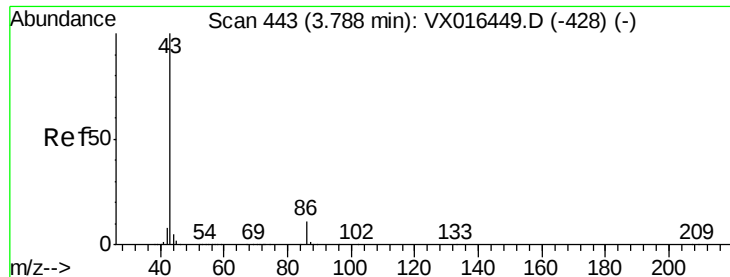
87 33.0 22.5 33.7

59 13.2 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

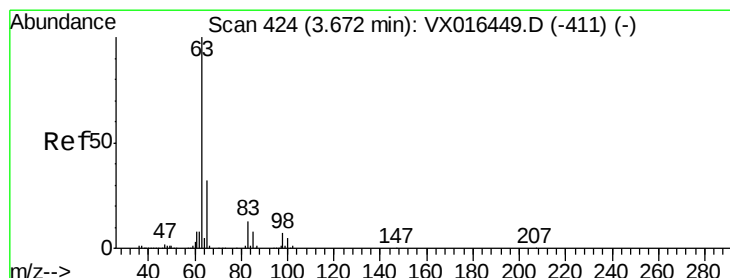
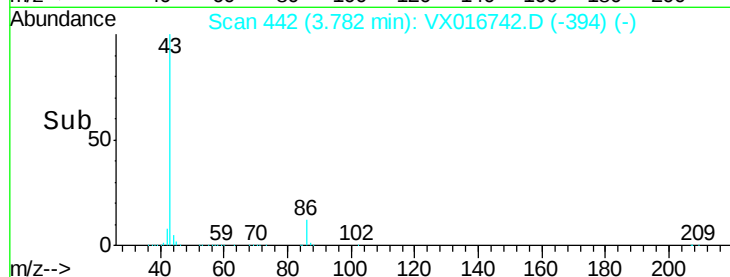
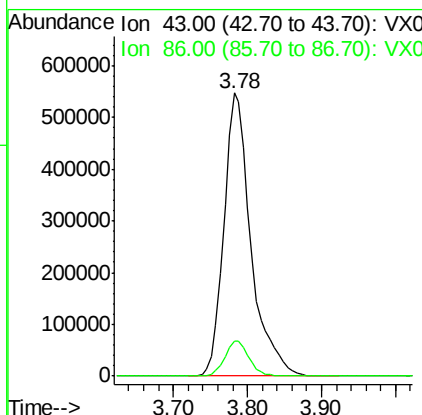
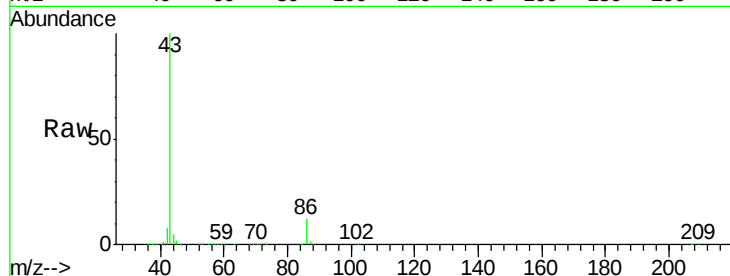




#23
 Vinyl Acetate
 Concen: 214.945 ug/l
 RT: 3.78 min Scan# 442
 Delta R.T. -0.01 min
 Lab File: VX016742.D
 Acq: 12 Jun 2020 20:27

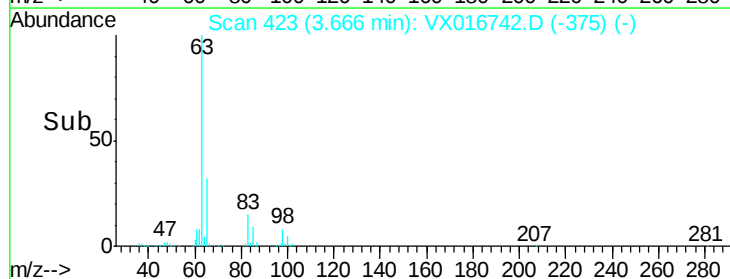
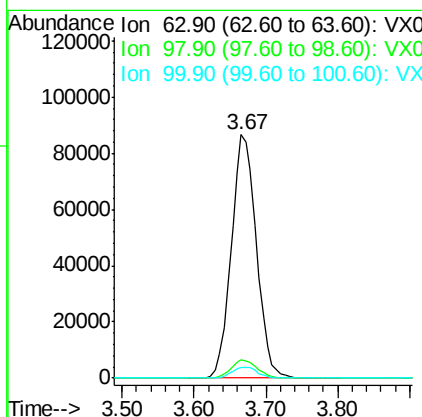
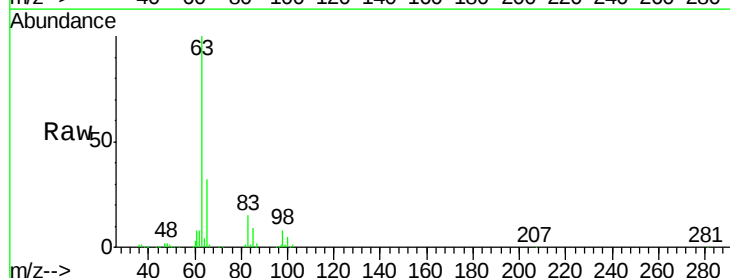
Instrument :
 MSVOA_X
 ClientSampleId :

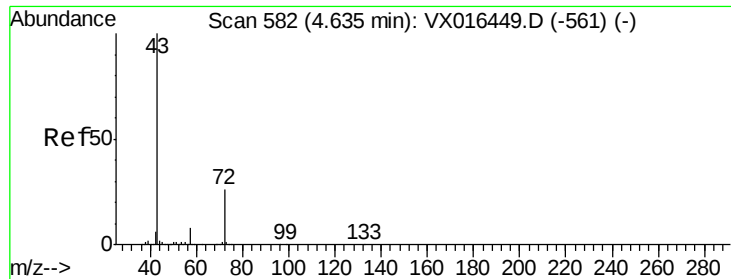
Tot Ion: 43 Resp: 1384987
 Ion Ratio Lower Upper
 43 100
 86 12.5 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 50.297 ug/l
 RT: 3.67 min Scan# 423
 Delta R.T. -0.01 min
 Lab File: VX016742.D
 Acq: 12 Jun 2020 20:27

Tgt Ion: 63 Resp: 208977
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.6 10.9
 100 4.6 2.4 7.1





#25

2-Butanone

Concen: 238.008 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX016742.D

Acq: 12 Jun 2020 20:27

Instrument :

MSVOA_X

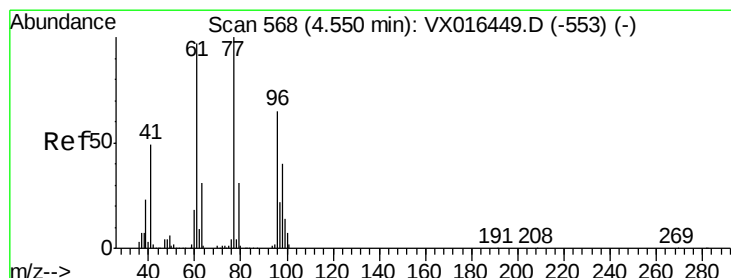
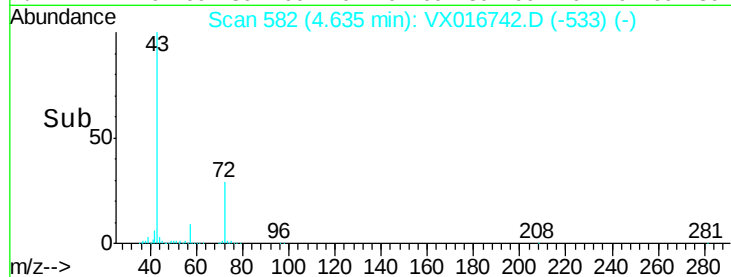
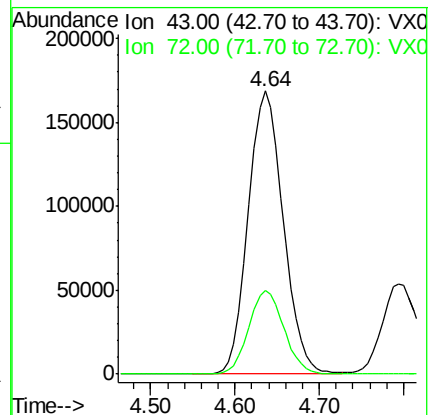
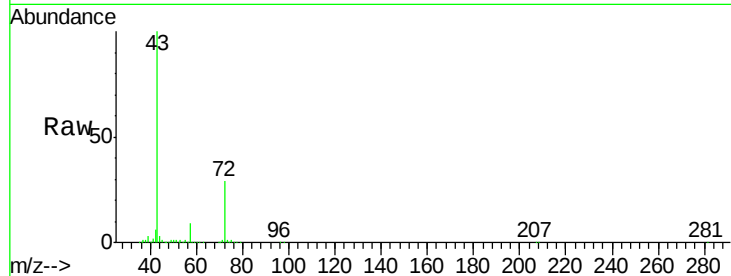
ClientSampleId :

Tot Ion: 43 Resp: 475173

Ion Ratio Lower Upper

43 100

72 29.3 21.0 31.6



#26

2,2-Dichloropropane

Concen: 48.436 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016742.D

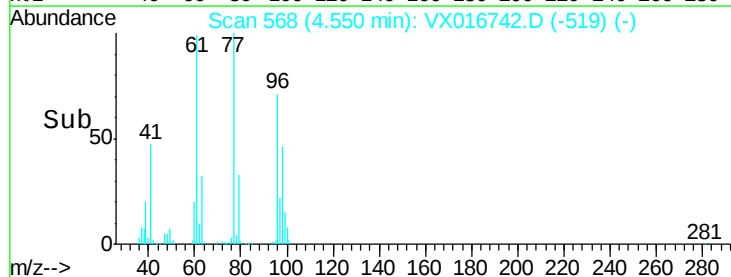
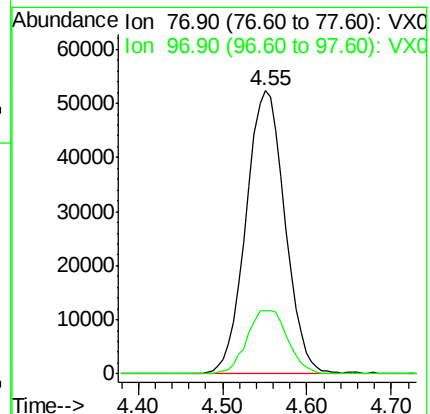
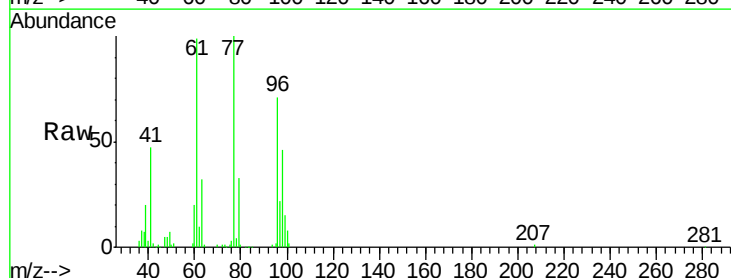
Acq: 12 Jun 2020 20:27

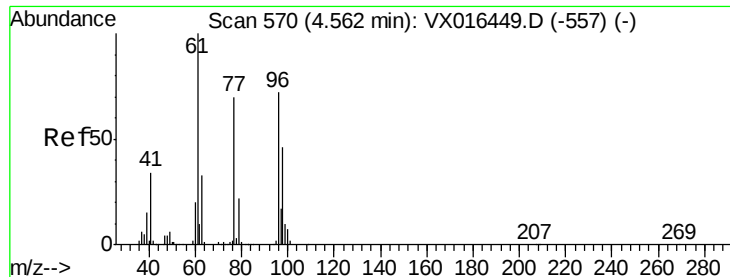
Tgt Ion: 77 Resp: 164674

Ion Ratio Lower Upper

77 100

97 23.4 11.5 34.4



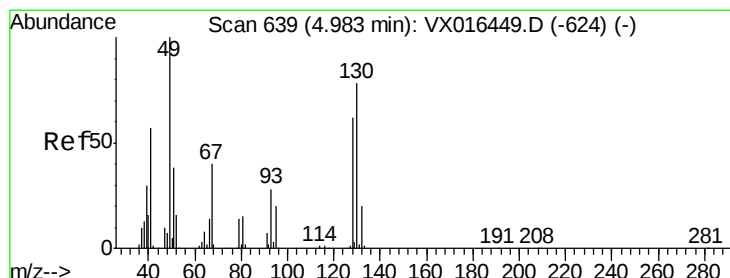
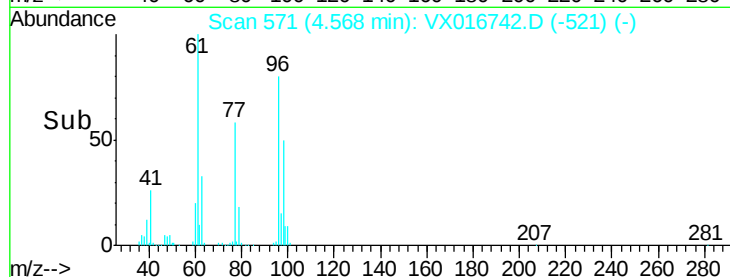
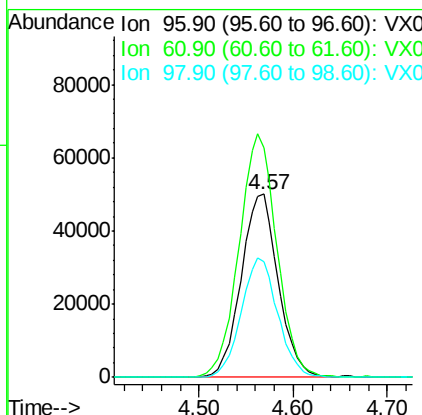
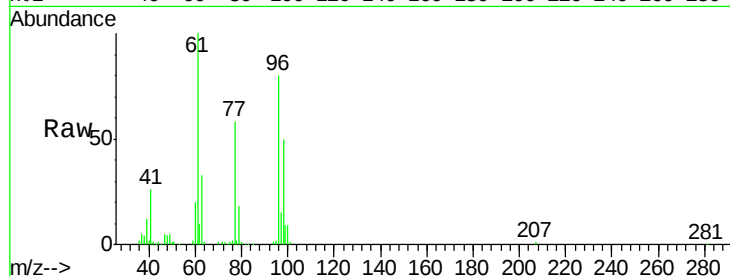


#27

cis-1,2-Dichloroethene
 Concen: 51.750 ug/l
 RT: 4.57 min Scan# 571
 Delta R.T. 0.01 min
 Lab File: VX016742.D
 Acq: 12 Jun 2020 20:27

Instrument :
 MSVOA_X
 ClientSampleId :

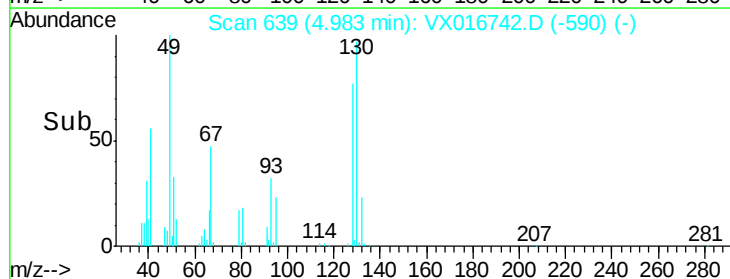
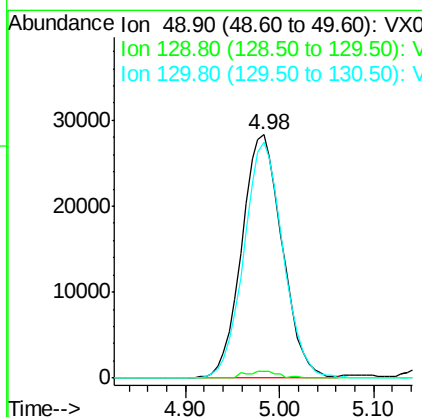
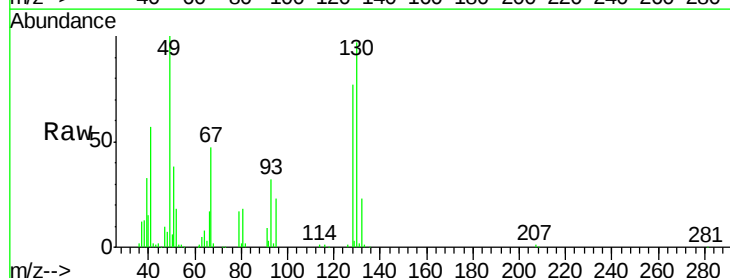
Tot Ion	96	Resp	137981
Ion	Ratio	Lower	Upper
96	100		
61	135.3	0.0	284.6
98	64.3	0.0	127.2



#28

Bromochloromethane
 Concen: 44.184 ug/l
 RT: 4.98 min Scan# 639
 Delta R.T. -0.00 min
 Lab File: VX016742.D
 Acq: 12 Jun 2020 20:27

Tgt Ion	49	Resp	85310
Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.0
130	93.8	63.0	94.4





#29

Tetrahydrofuran

Concen: 234.149 ug/l

RT: 5.09 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX016742.D

Acq: 12 Jun 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

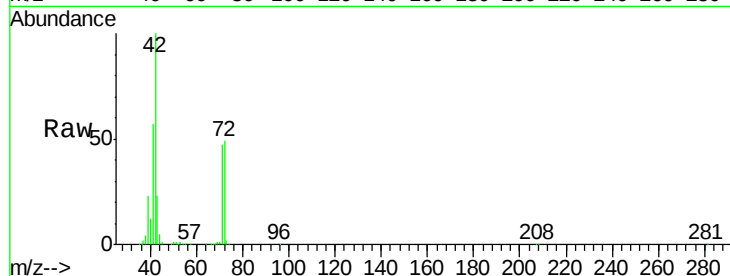
Tot Ion: 42 Resp: 302007

Ion Ratio Lower Upper

42 100

72 51.4 37.0 55.4

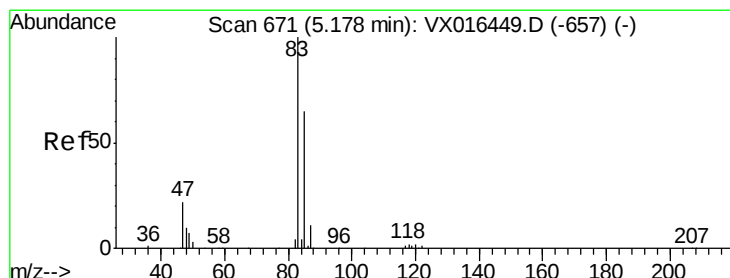
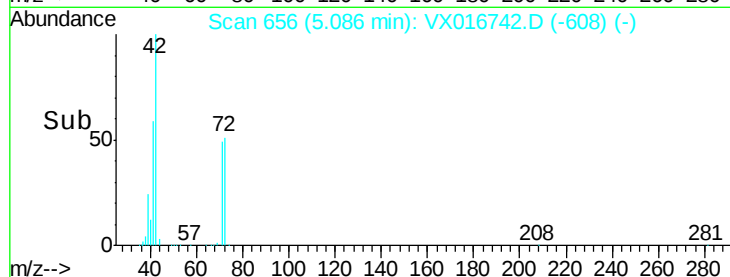
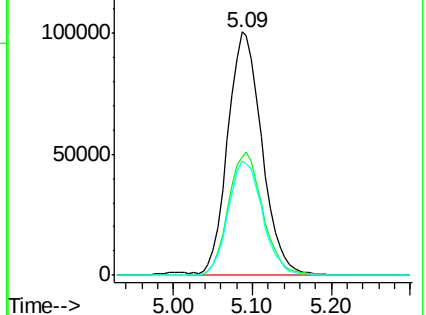
71 47.5 34.1 51.1



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: 53.755 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.00 min

Lab File: VX016742.D

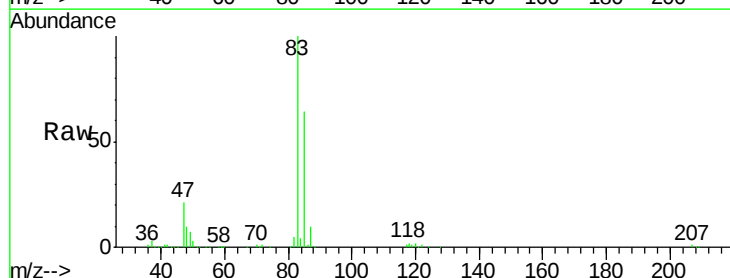
Acq: 12 Jun 2020 20:27

Tgt Ion: 83 Resp: 225043

Ion Ratio Lower Upper

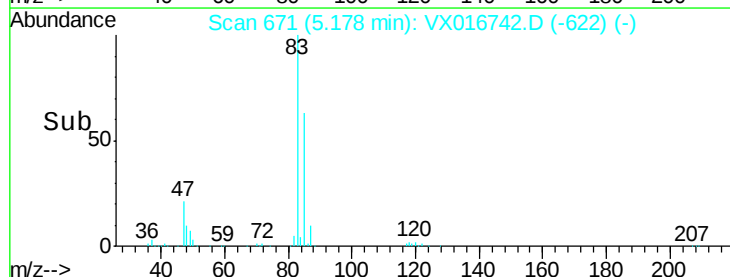
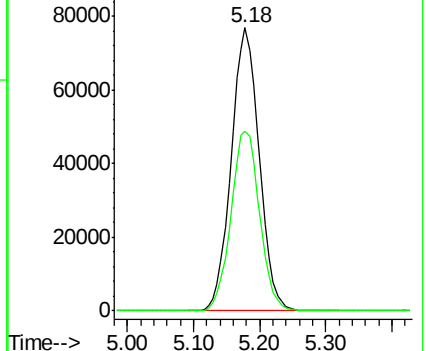
83 100

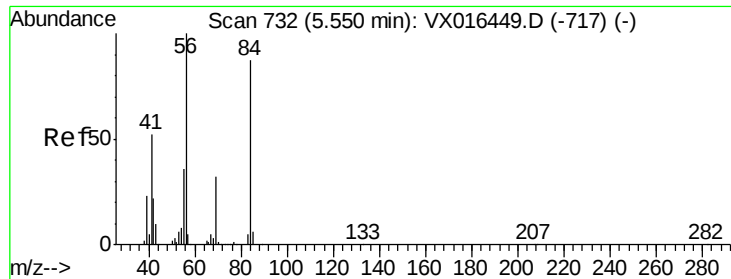
85 63.6 52.0 78.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

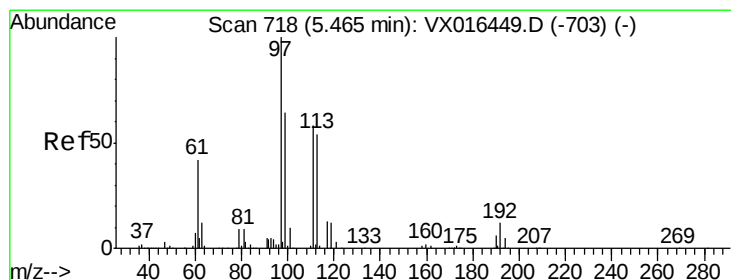
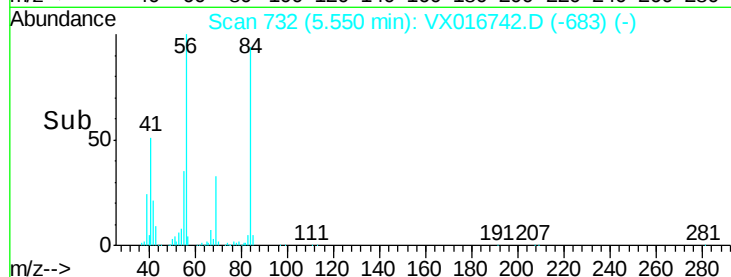
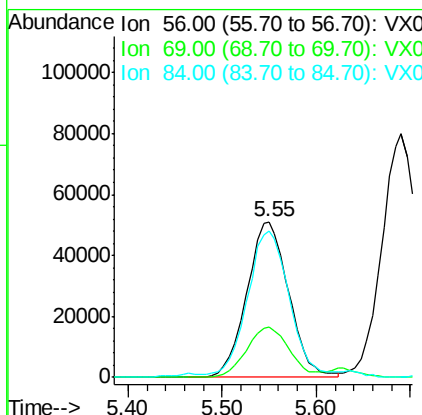
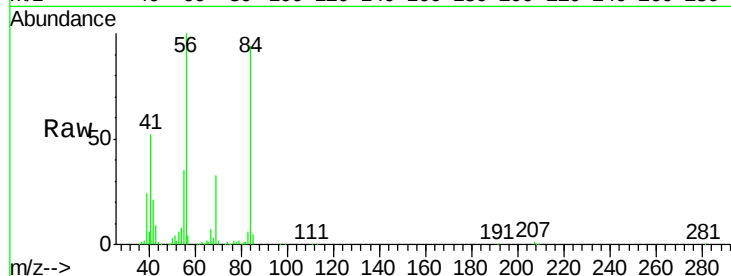




#31
Cyclohexane
Concen: 42.433 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016742.D
Acq: 12 Jun 2020 20:27

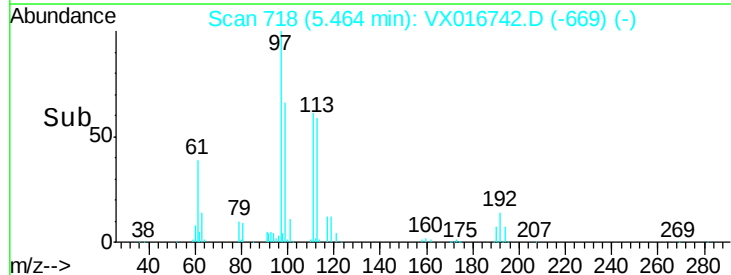
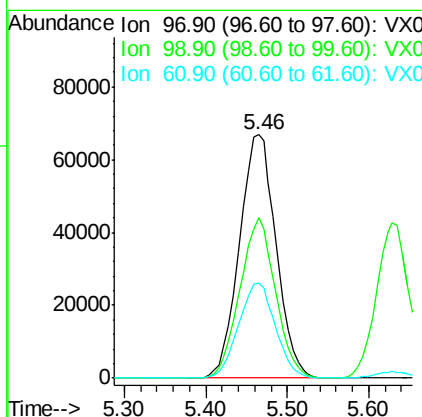
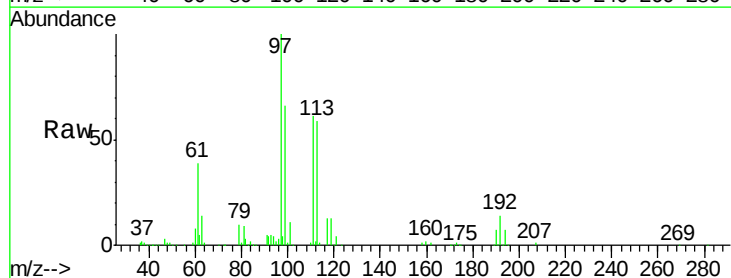
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 158609
Ion Ratio Lower Upper
56 100
69 32.6 25.7 38.5
84 91.7 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 55.097 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016742.D
Acq: 12 Jun 2020 20:27

Tgt Ion: 97 Resp: 208826
Ion Ratio Lower Upper
97 100
99 63.9 51.4 77.2
61 39.2 33.5 50.3





#33

1,2-Dichloroethane-d4

Concen: 51.050 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016742.D

Acq: 12 Jun 2020 20:27

Instrument :

MSVOA_X

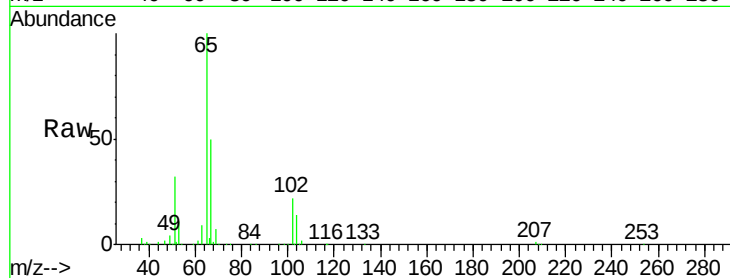
ClientSampleId :

Tot Ion: 65 Resp: 137288

Ion Ratio Lower Upper

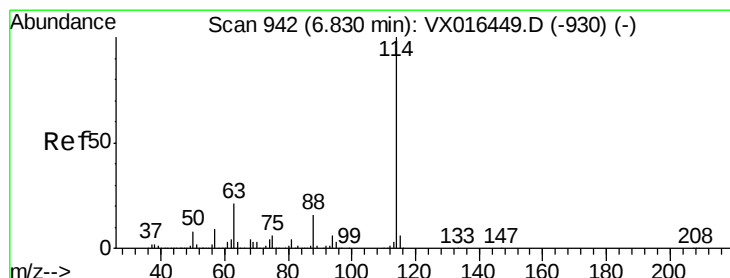
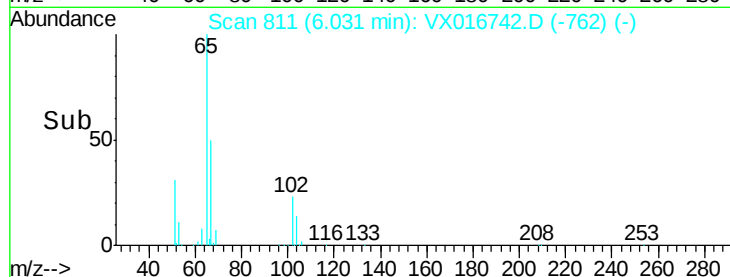
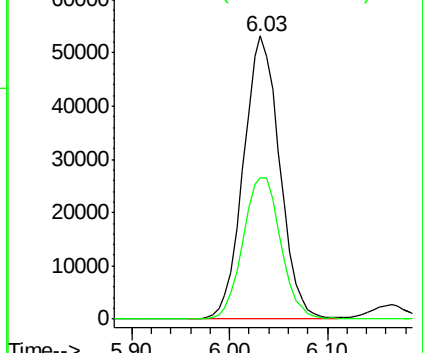
65 100

67 52.2 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: VX016742.D

Acq: 12 Jun 2020 20:27

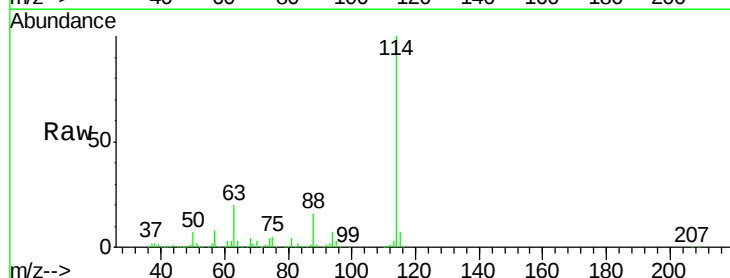
Tgt Ion: 114 Resp: 334316

Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.6

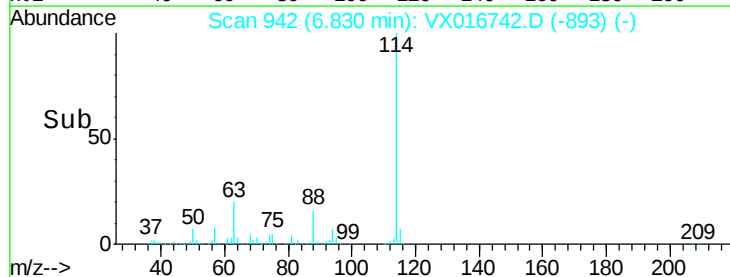
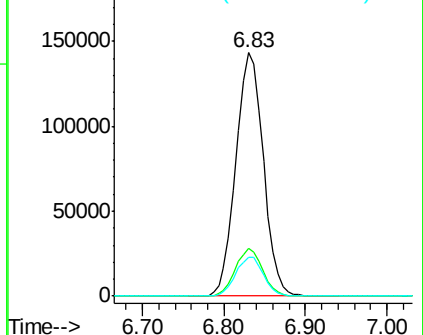
88 16.2 0.0 32.8

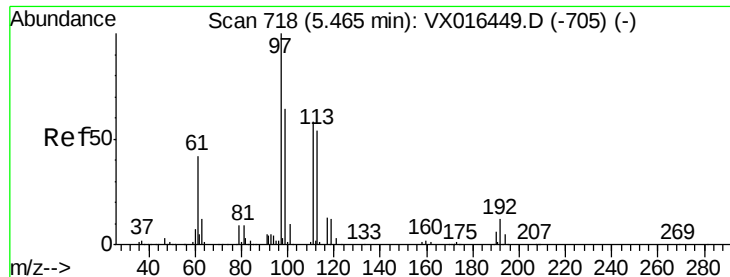


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

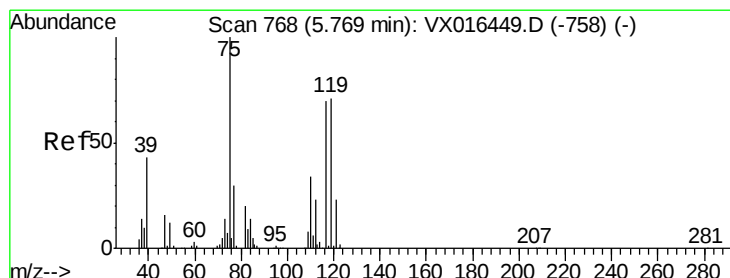
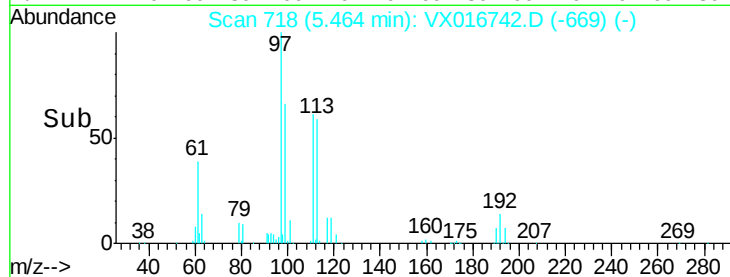
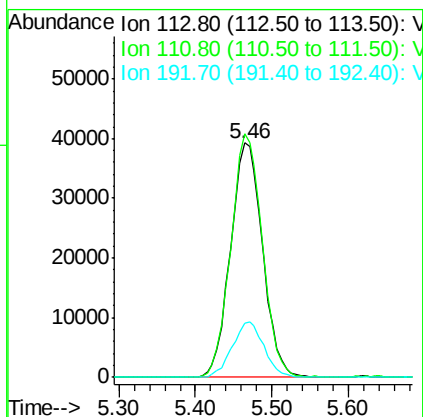
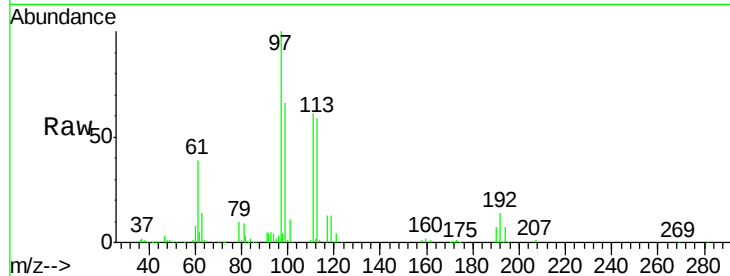




#35
 Dibromofluoromethane
 Concen: 55.418 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: VX016742.D
 Acq: 12 Jun 2020 20:27

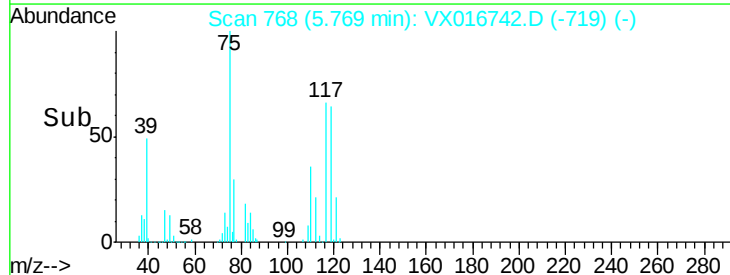
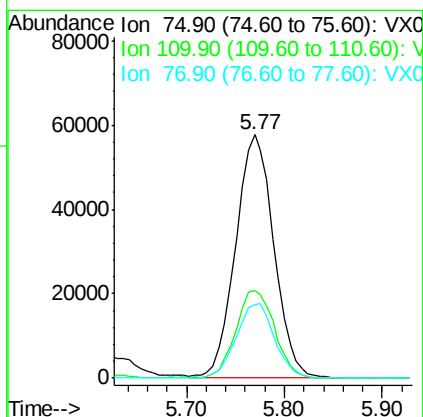
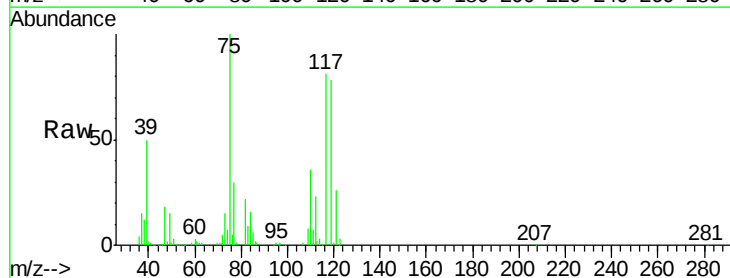
Instrument :
 MSVOA_X
 ClientSampled :

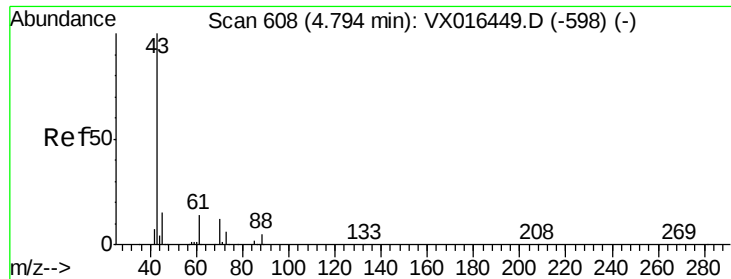
Tot Ion:113 Resp: 114079
 Ion Ratio Lower Upper
 113 100
 111 101.5 83.0 124.6
 192 23.4 17.7 26.5



#36
 1,1-Dichloropropene
 Concen: 49.214 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX016742.D
 Acq: 12 Jun 2020 20:27

Tgt Ion: 75 Resp: 155778
 Ion Ratio Lower Upper
 75 100
 110 36.9 17.4 52.3
 77 30.7 24.2 36.4

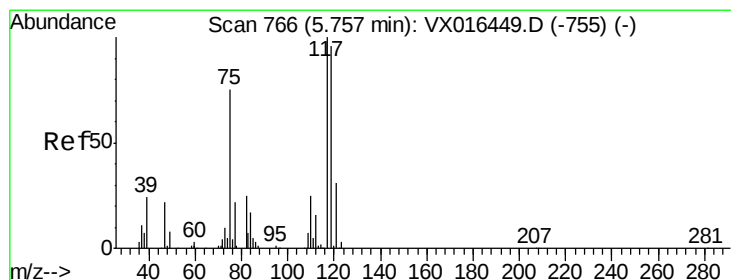
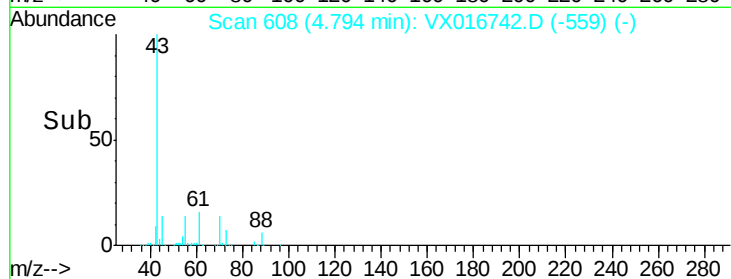
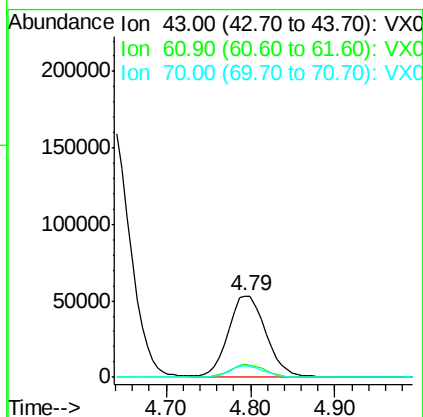
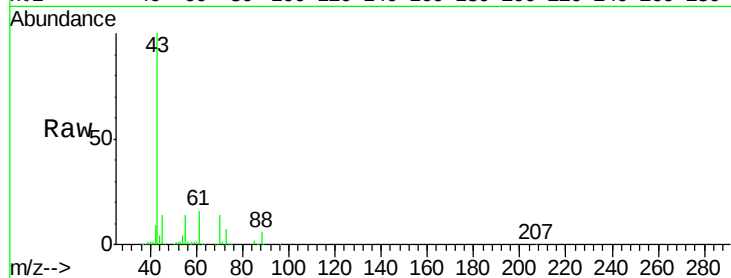




#37
Ethyl Acetate
Concen: 42.364 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX016742.D
Acq: 12 Jun 2020 20:27

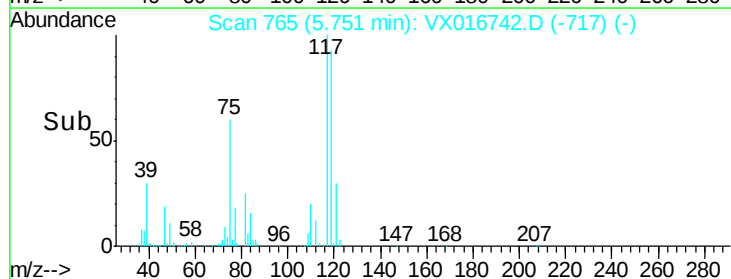
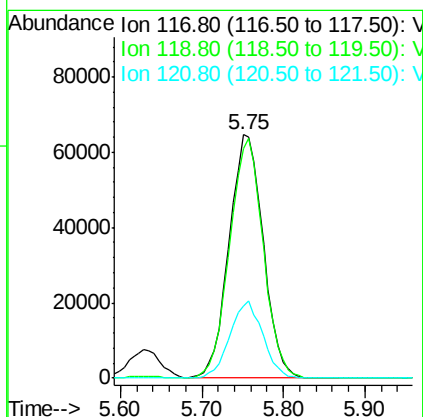
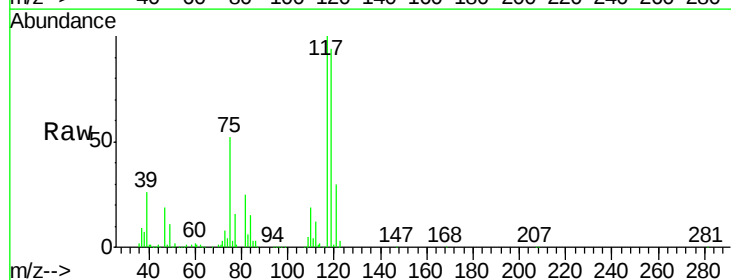
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	43	Resp	160995
Ion Ratio	Lower	Upper	
43	100		
61	15.0	11.3	16.9
70	12.9	9.3	13.9



#38
Carbon Tetrachloride
Concen: 56.143 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016742.D
Acq: 12 Jun 2020 20:27

Tgt Ion	117	Resp	186756
Ion Ratio	Lower	Upper	
117	100		
119	94.1	76.3	114.5
121	29.5	24.6	37.0

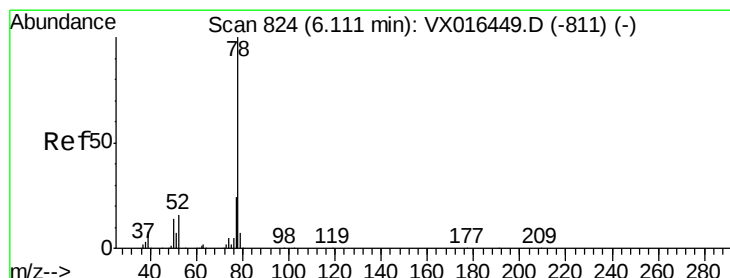
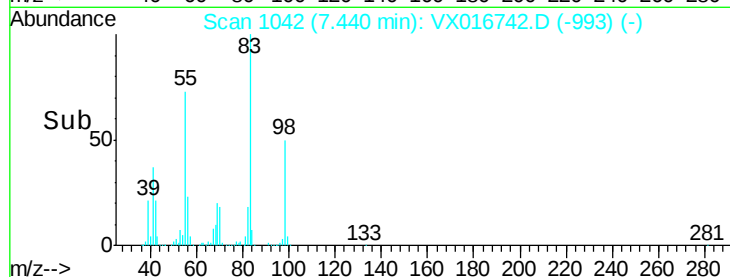
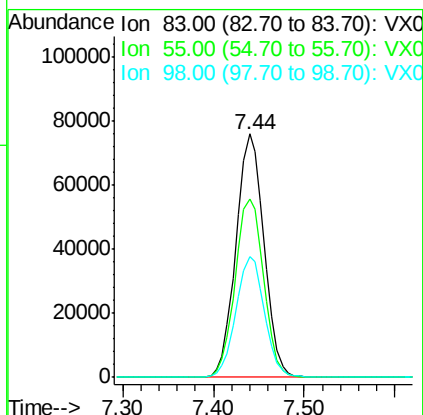
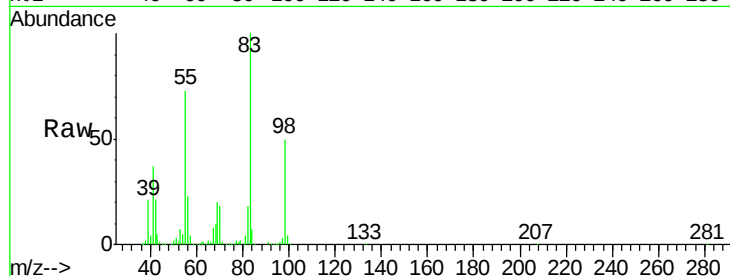




#39
Methvlcvclohexane
Concen: 47.527 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016742.D
Acq: 12 Jun 2020 20:27

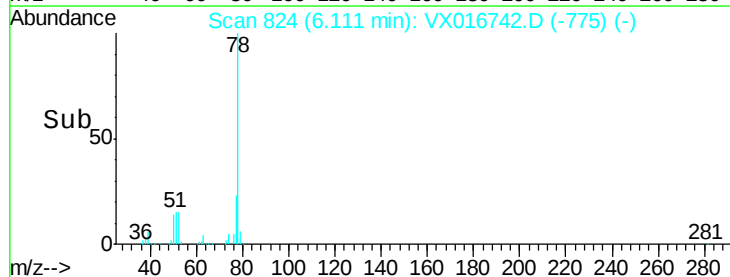
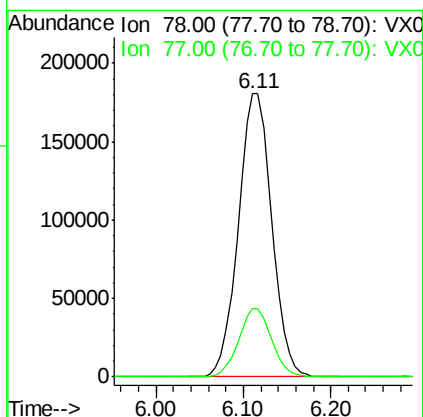
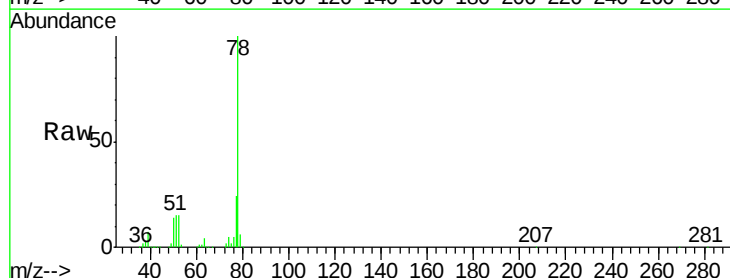
Instrument :
MSVOA_X
ClientSampled :

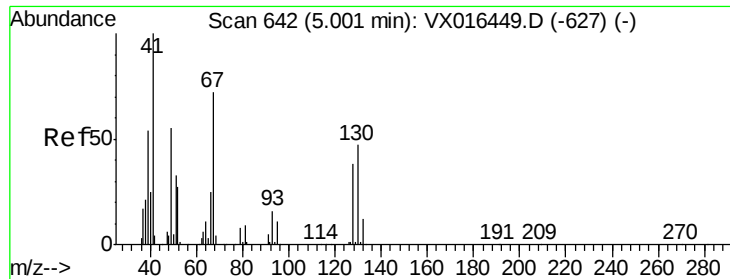
Tot Ion	83	Resp	163403
Ion Ratio	Lower	Upper	
83	100		
55	73.5	61.7	92.5
98	49.8	38.7	58.1



#40
Benzene
Concen: 50.758 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX016742.D
Acq: 12 Jun 2020 20:27

Tgt Ion	78	Resp	478451
Ion Ratio	Lower	Upper	
78	100		
77	24.2	18.9	28.3

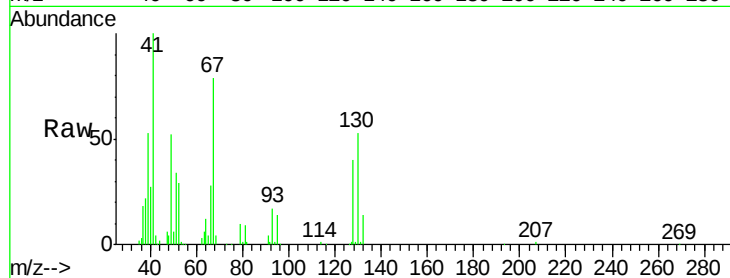




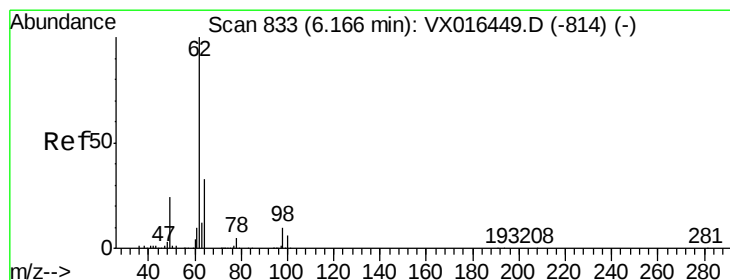
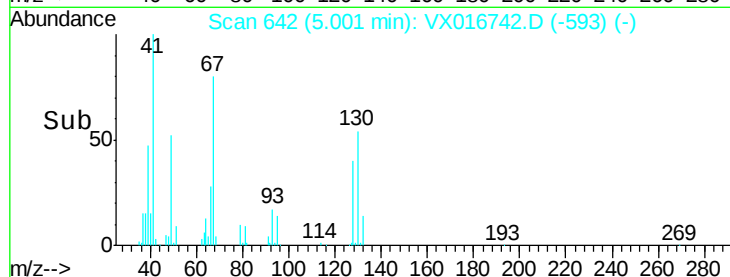
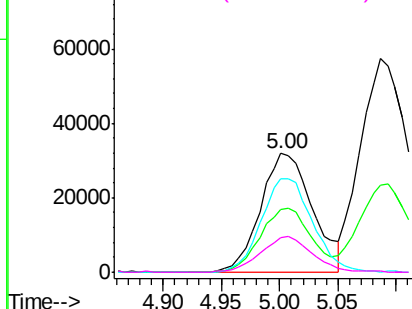
#41
Methacrylonitrile
Concen: 47.232 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.00 min
Lab File: VX016742.D
Acq: 12 Jun 2020 20:27

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	98594
Ion	Ratio	Lower	Upper
41	100		
39	52.7	43.0	64.4
67	78.2	58.9	88.3
52	30.3	23.1	34.7

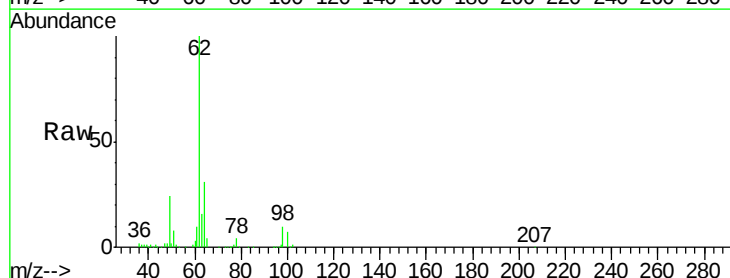


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

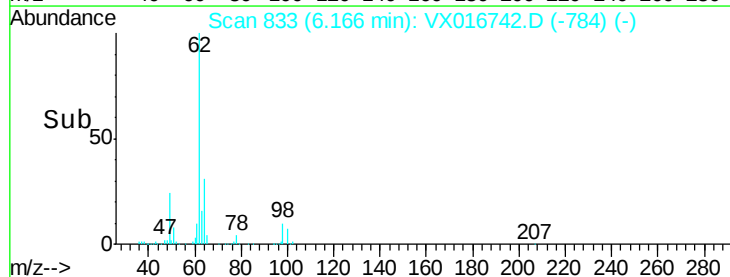
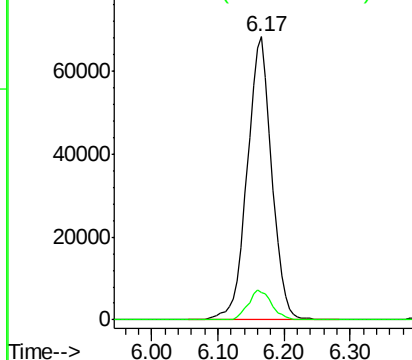


#42
1,2-Dichloroethane
Concen: 52.529 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX016742.D
Acq: 12 Jun 2020 20:27

Tgt Ion:	62	Resp:	176089
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	19.8



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



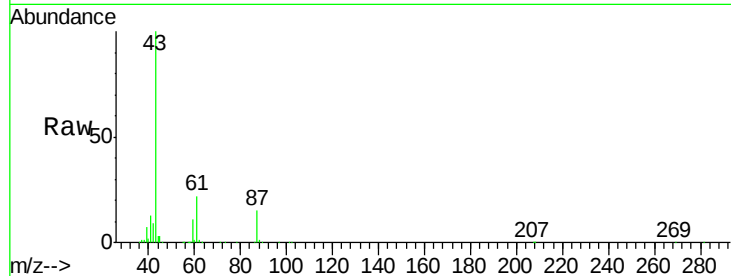


#43

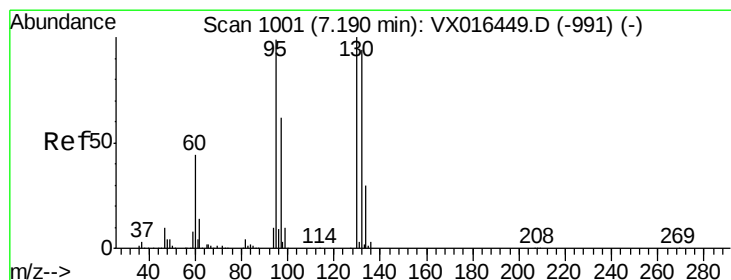
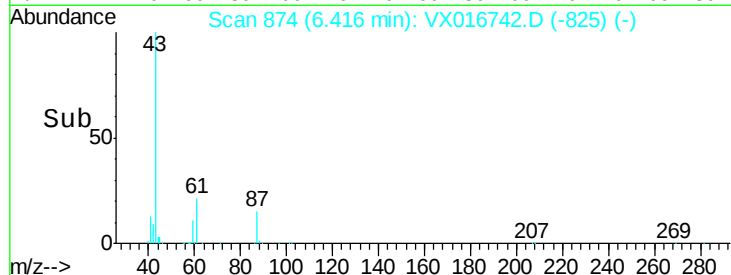
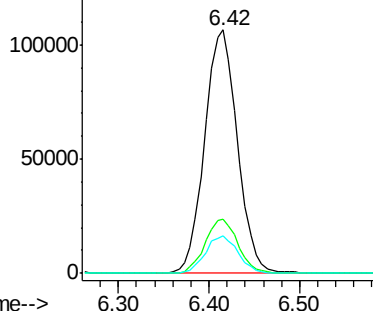
Isopropyl Acetate
 Concen: 44.889 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX016742.D
 Acq: 12 Jun 2020 20:27

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	43	Resp	266089
Ion Ratio	Lower	Upper	
43	100		
61	22.4	16.8	25.2
87	15.3	11.2	16.8



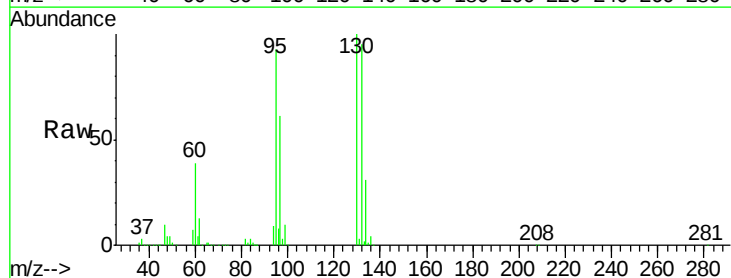
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



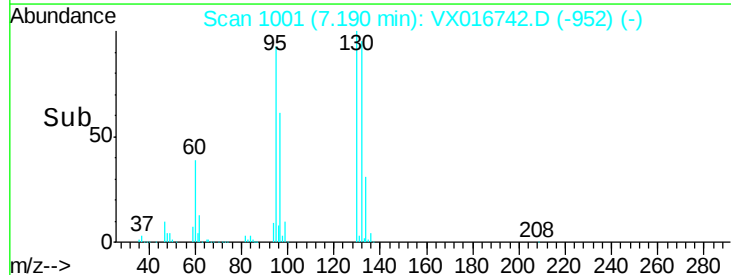
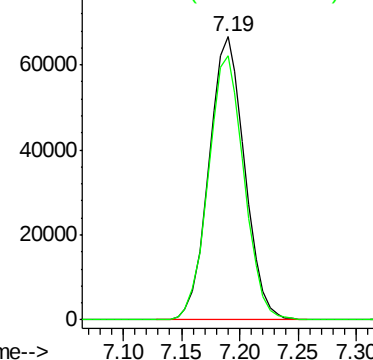
#44

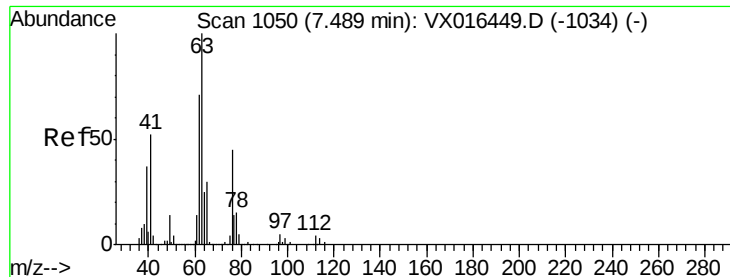
Trichloroethene
 Concen: 47.633 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX016742.D
 Acq: 12 Jun 2020 20:27

Tgt Ion	130	Resp	142459
Ion Ratio	Lower	Upper	
130	100		
95	93.3	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: 50.455 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX016742.D

Acq: 12 Jun 2020 20:27

Instrument :

MSVOA_X

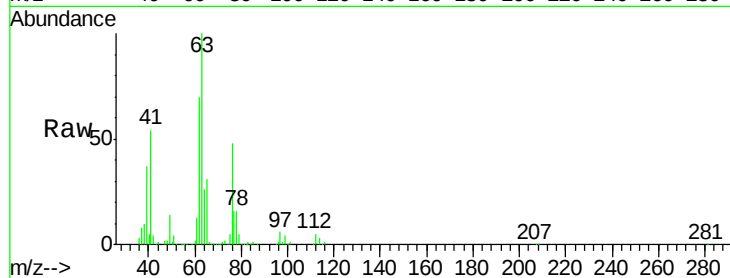
ClientSampleId :

Tot Ion: 63 Resp: 121078

Ion Ratio Lower Upper

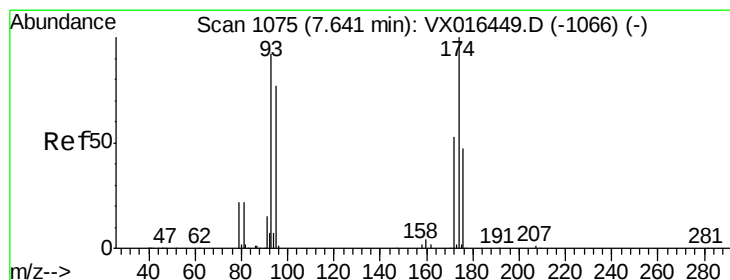
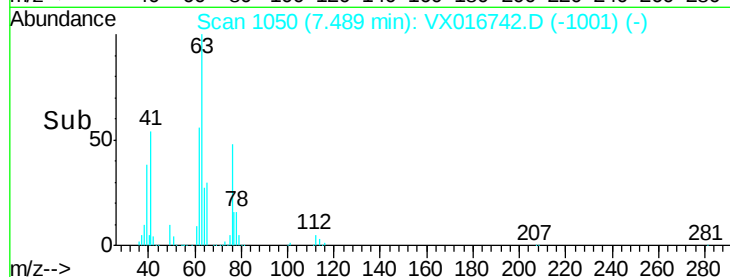
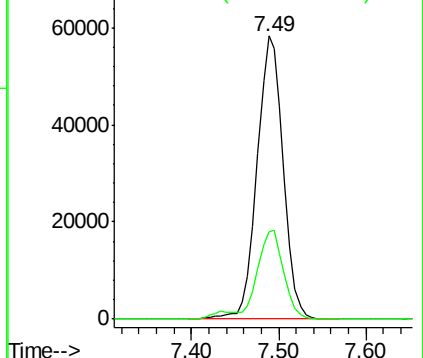
63 100

65 31.1 24.2 36.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 54.078 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX016742.D

Acq: 12 Jun 2020 20:27

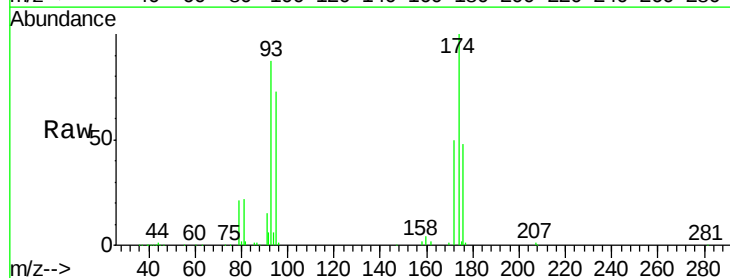
Tgt Ion: 93 Resp: 87163

Ion Ratio Lower Upper

93 100

95 82.9 66.6 100.0

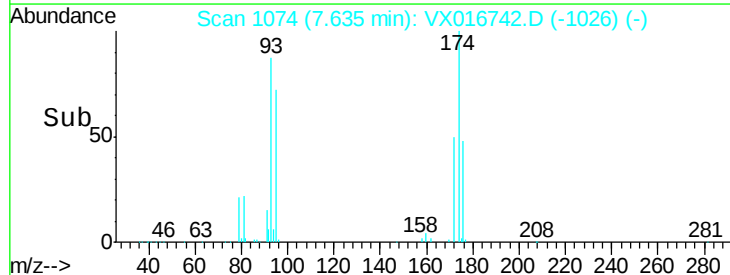
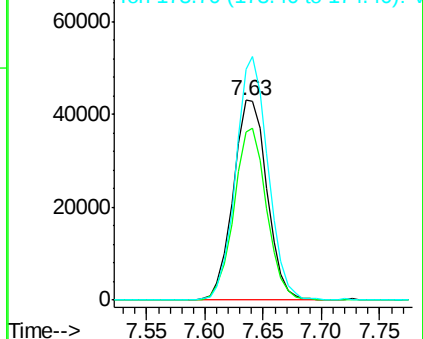
174 115.7 86.2 129.4

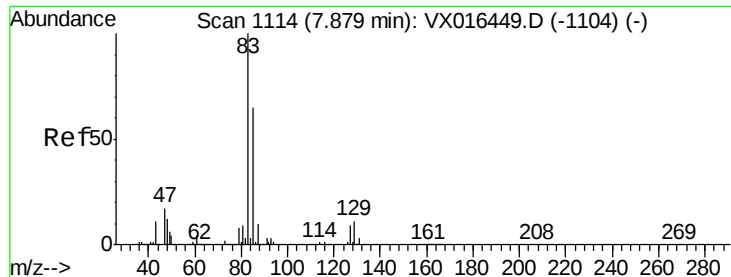


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 55.976 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016742.D

Acq: 12 Jun 2020 20:27

Instrument :

MSVOA_X

ClientSampled :

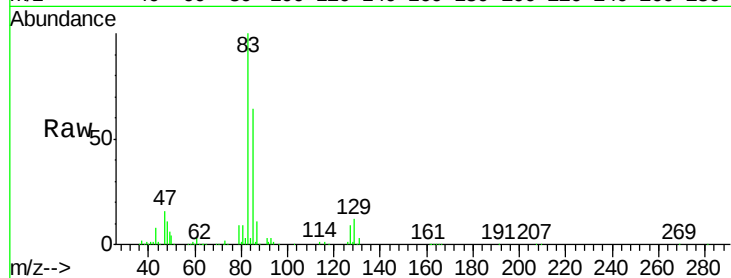
Tot Ion: 83 Resp: 186814

Ion Ratio Lower Upper

83 100

85 63.9 52.0 78.0

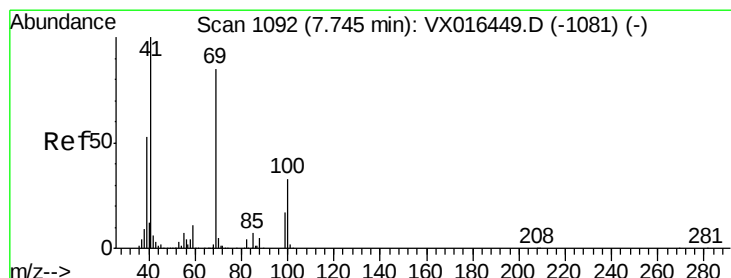
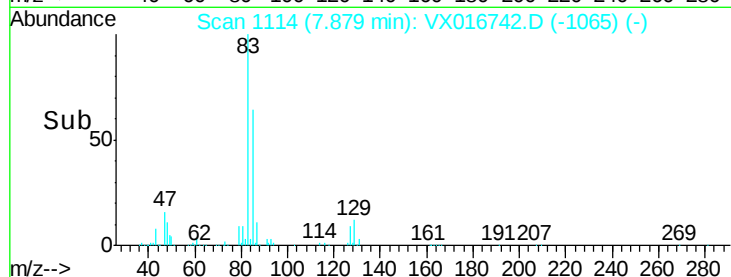
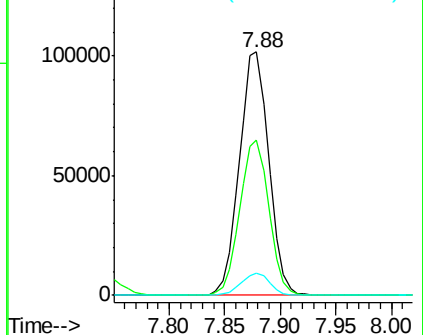
127 9.2 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 48.236 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX016742.D

Acq: 12 Jun 2020 20:27

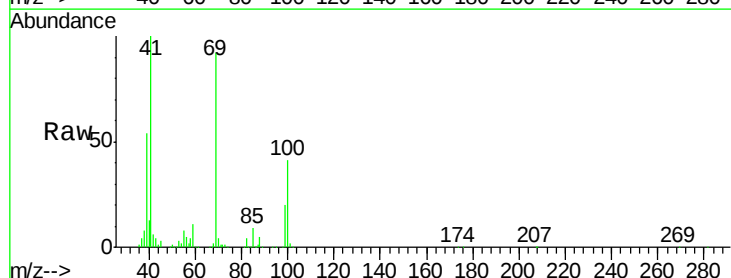
Tgt Ion: 41 Resp: 136904

Ion Ratio Lower Upper

41 100

69 91.5 68.6 102.8

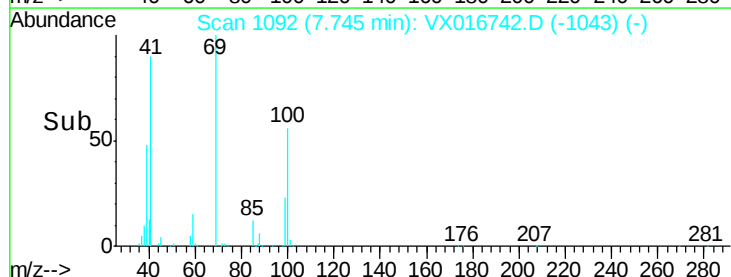
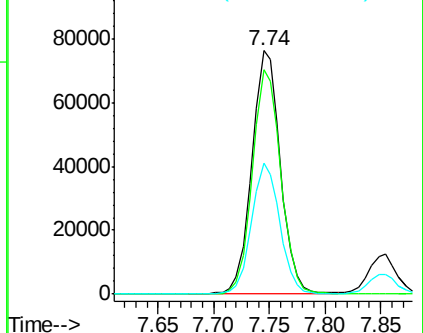
39 53.1 42.4 63.6

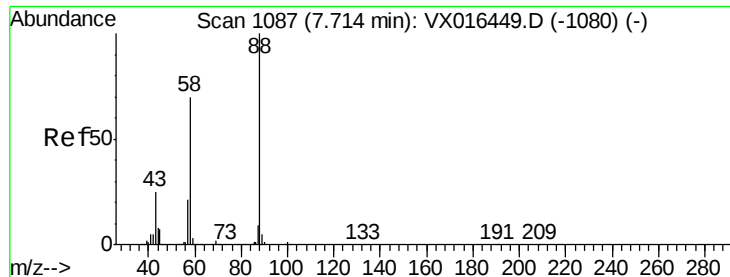


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

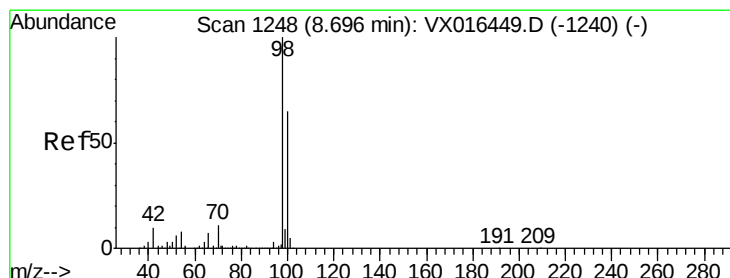
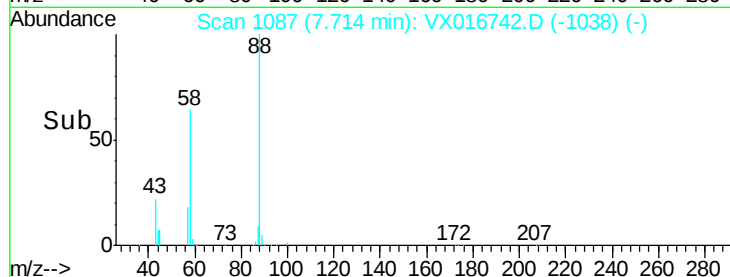
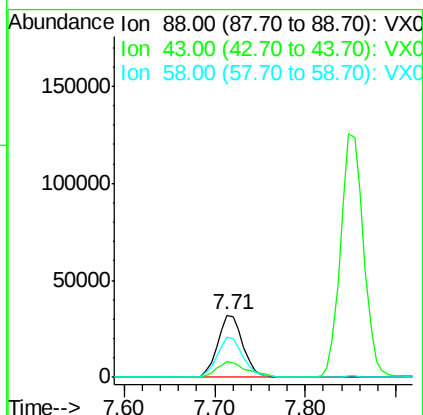
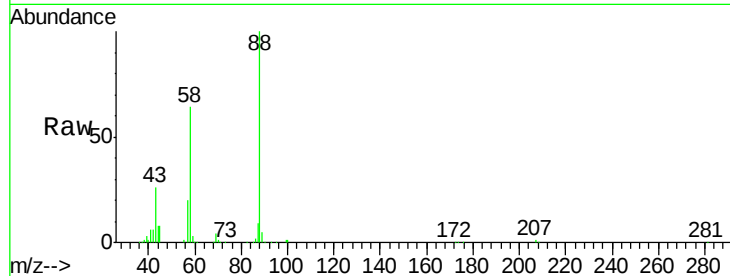




#49
 1,4-Dioxane
 Concen: 939.403 ug/l
 RT: 7.71 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX016742.D
 Acq: 12 Jun 2020 20:27

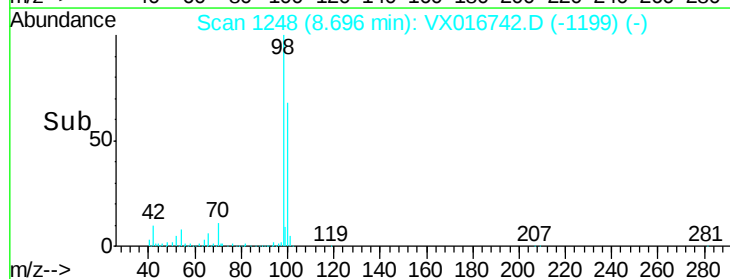
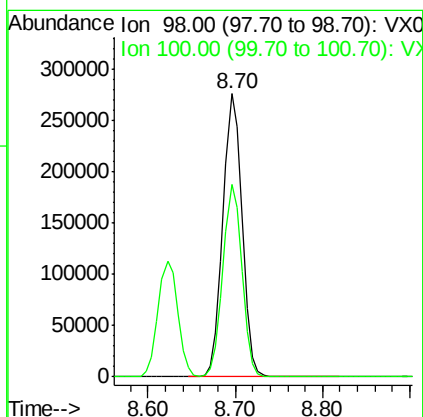
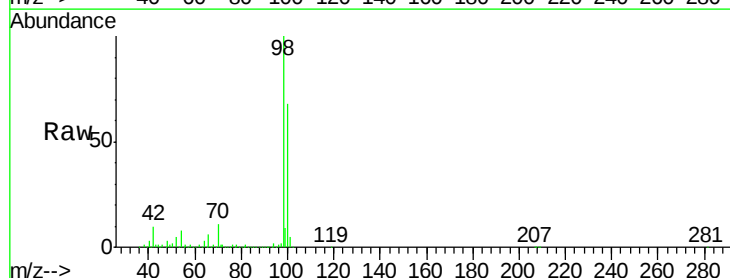
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	88	Resp	62396
Ion	Ratio	Lower	Upper
88	100		
43	29.3	24.2	36.4
58	66.7	56.5	84.7



#50
 Toluene-d8
 Concen: 52.500 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: VX016742.D
 Acq: 12 Jun 2020 20:27

Tgt Ion	98	Resp	420644
Ion	Ratio	Lower	Upper
98	100		
100	67.6	53.8	80.6





#51

4-Methyl-2-Pentanone

Concen: 243.623 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX016742.D

Acq: 12 Jun 2020 20:27

Instrument :

MSVOA_X

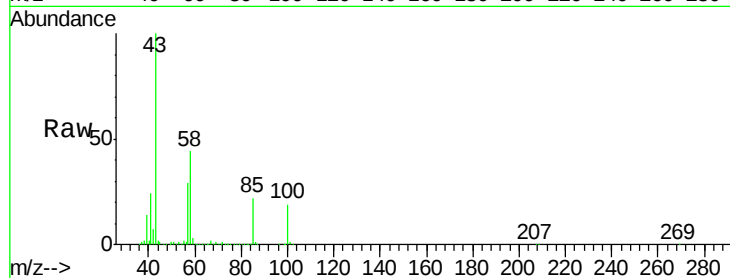
ClientSampleId :

Tot Ion: 43 Resp: 899203

Ion Ratio Lower Upper

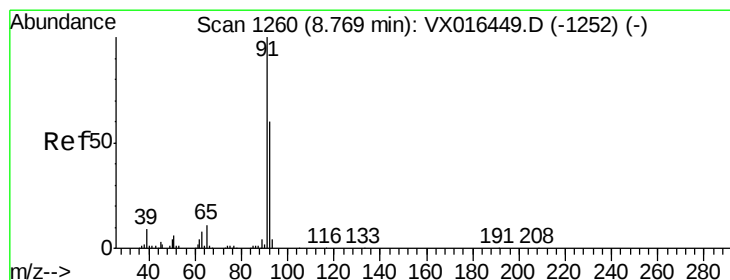
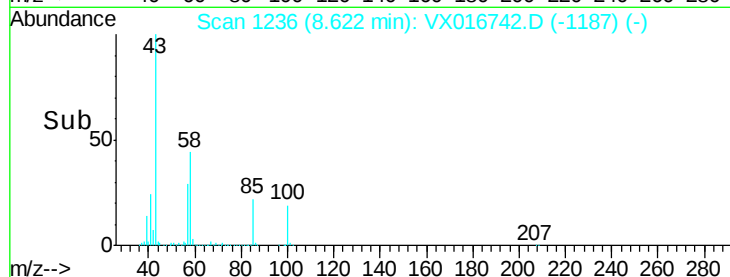
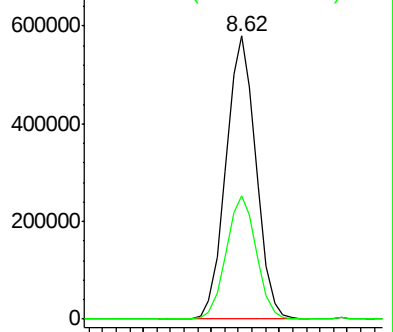
43 100

58 43.5 33.0 49.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 52.982 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX016742.D

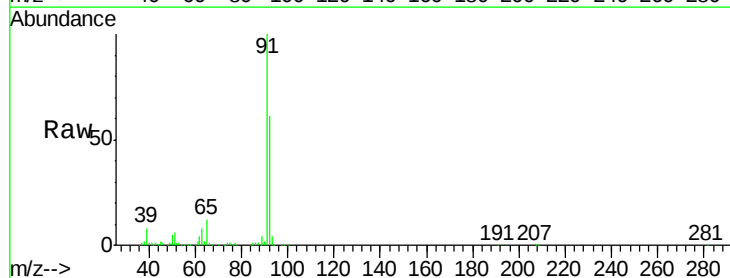
Acq: 12 Jun 2020 20:27

Tgt Ion: 92 Resp: 314933

Ion Ratio Lower Upper

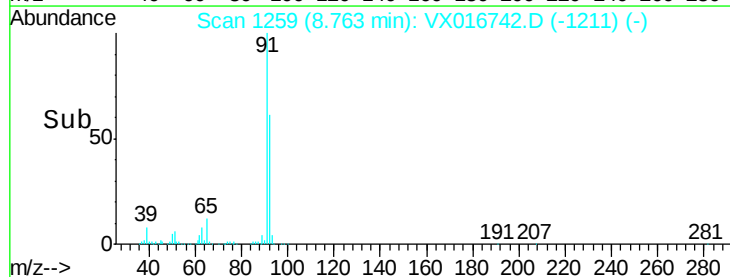
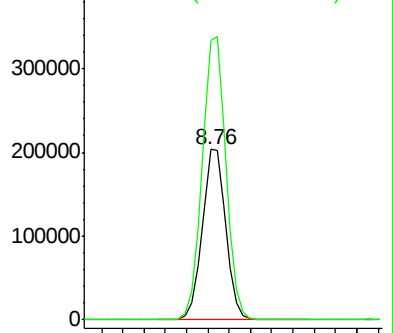
92 100

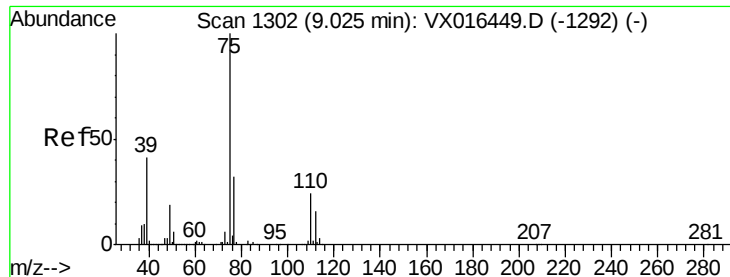
91 167.9 135.0 202.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

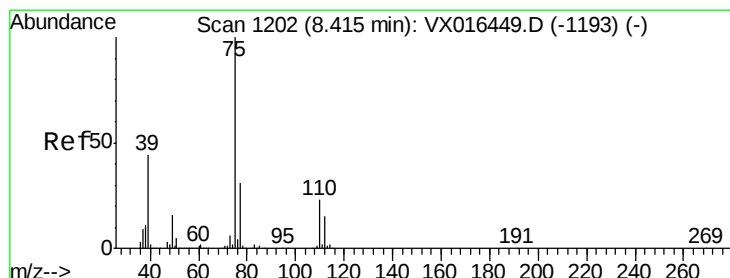
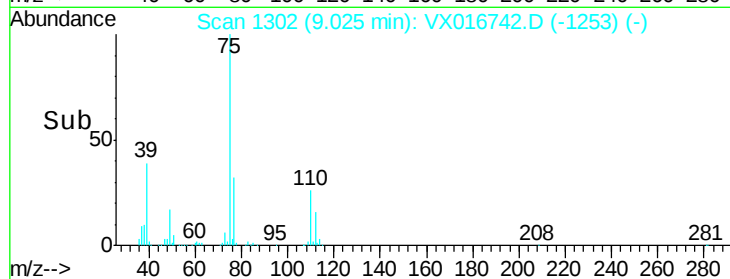
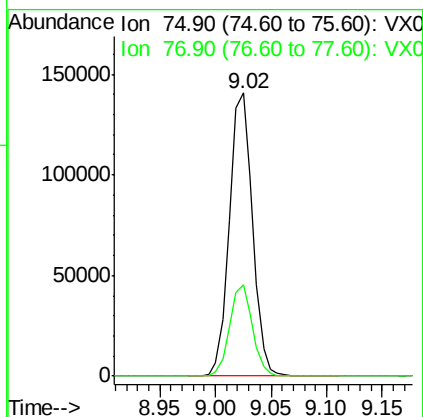
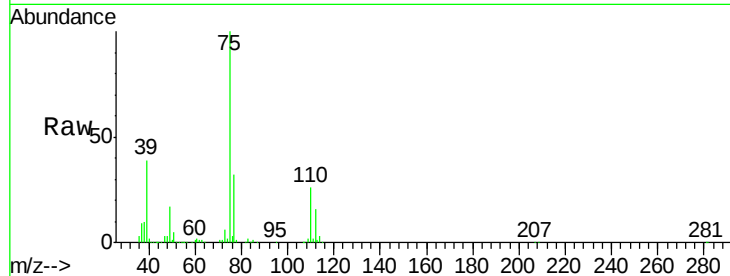




#53
 t-1,3-Dichloropropene
 Concen: 53.423 ug/l
 RT: 9.02 min Scan# 1302
 Delta R.T. -0.00 min
 Lab File: VX016742.D
 Acq: 12 Jun 2020 20:27

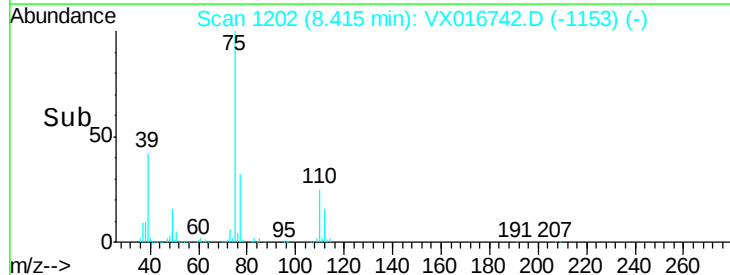
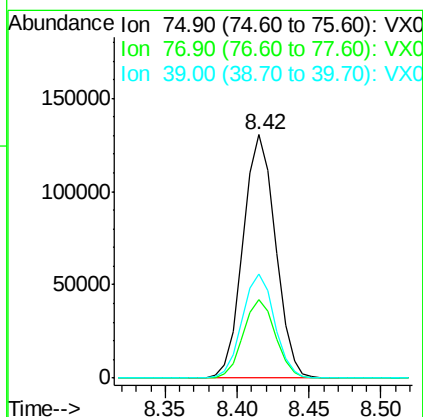
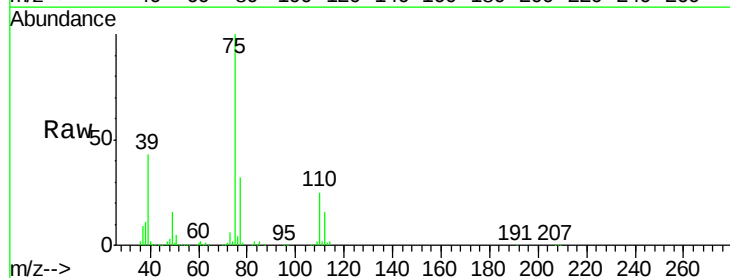
Instrument :
 MSVOA_X
 ClientSampleId :

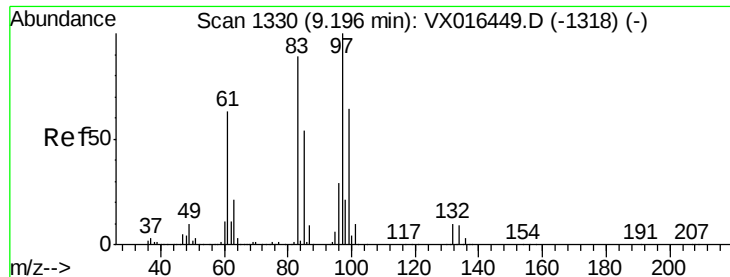
Tot Ion: 75 Resp: 202737
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.5 38.3



#54
 cis-1,3-Dichloropropene
 Concen: 50.871 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VX016742.D
 Acq: 12 Jun 2020 20:27

Tgt Ion: 75 Resp: 204339
 Ion Ratio Lower Upper
 75 100
 77 32.2 24.6 36.8
 39 42.5 35.3 52.9

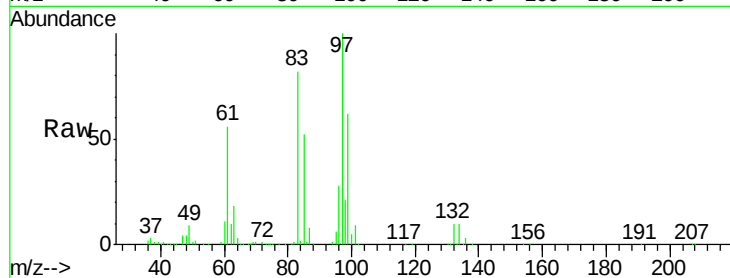




#55
 1,1,2-Trichloroethane
 Concen: 56.795 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016742.D
 Acq: 12 Jun 2020 20:27

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
97	100		
83	82.1	70.9	106.3
85	51.9	43.4	65.2
99	62.0	51.0	76.6

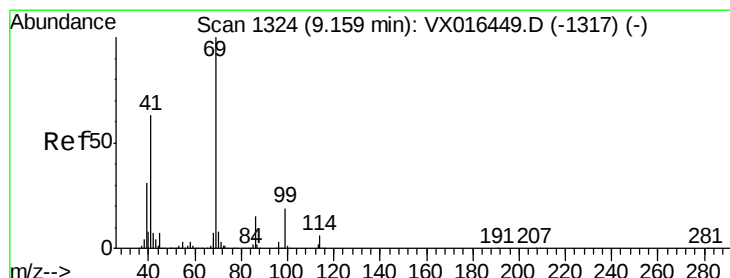
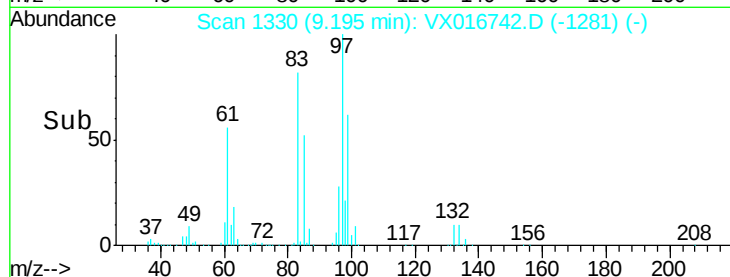
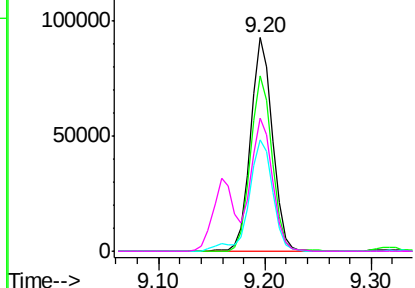


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

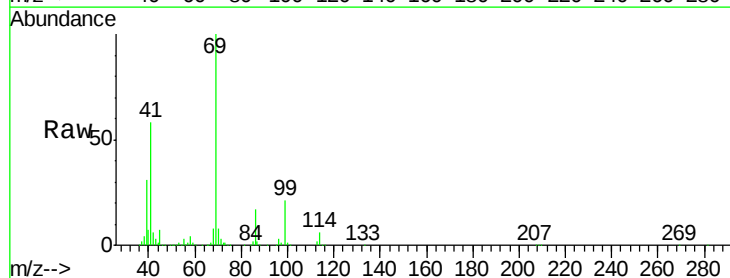
Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56
 Ethyl methacrylate
 Concen: 53.110 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016742.D
 Acq: 12 Jun 2020 20:27

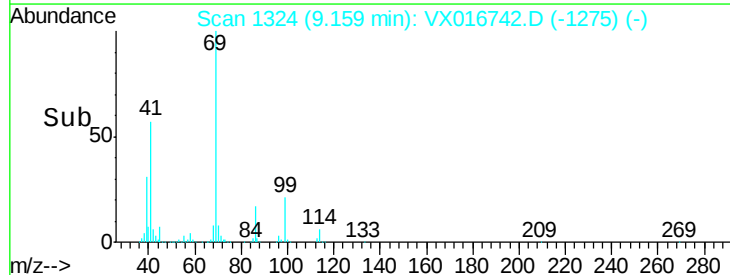
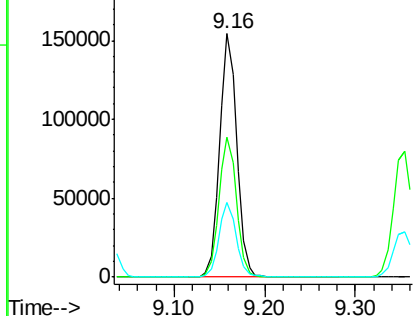
Tgt Ion	Ratio	Lower	Upper
69	100		
41	58.6	50.7	76.1
39	30.9	25.8	38.6



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 53.571 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016742.D

Acq: 12 Jun 2020 20:27

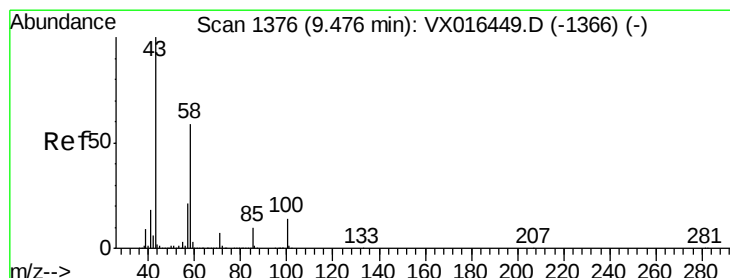
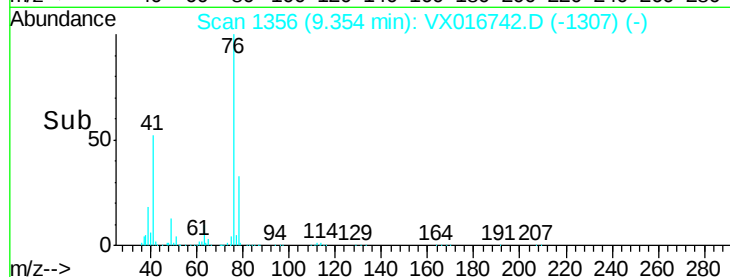
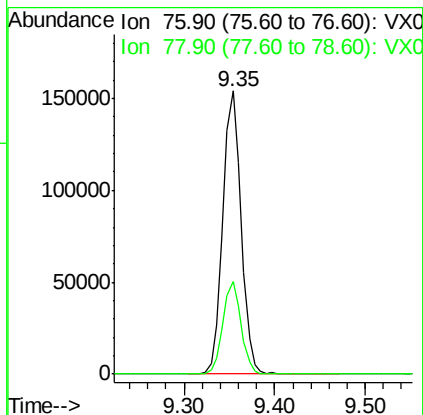
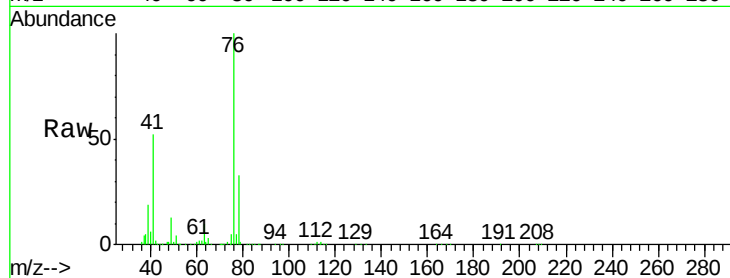
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 76 Resp: 217319

Ion Ratio Lower Upper

76 100

78 32.5 26.2 39.4



#59

2-Hexanone

Concen: 245.868 ug/l

RT: 9.48 min Scan# 1376

Delta R.T. -0.00 min

Lab File: VX016742.D

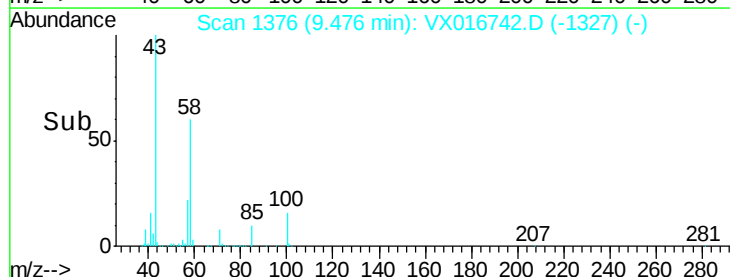
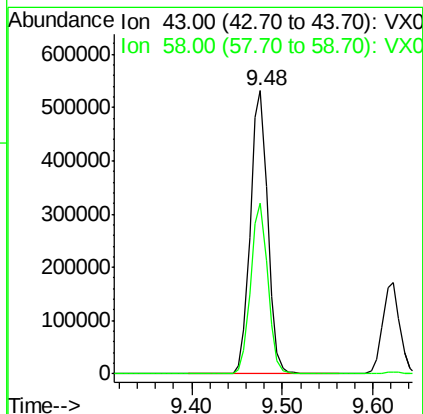
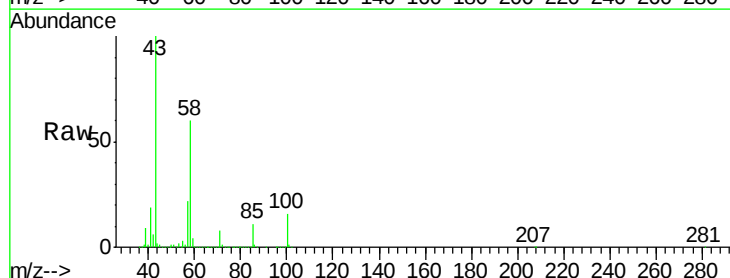
Acq: 12 Jun 2020 20:27

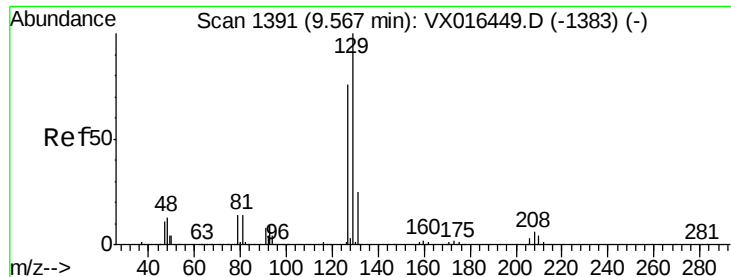
Tgt Ion: 43 Resp: 705714

Ion Ratio Lower Upper

43 100

58 59.6 28.8 86.4





#60

Dibromochloromethane

Concen: 59.468 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX016742.D

Acq: 12 Jun 2020 20:27

Instrument :

MSVOA_X

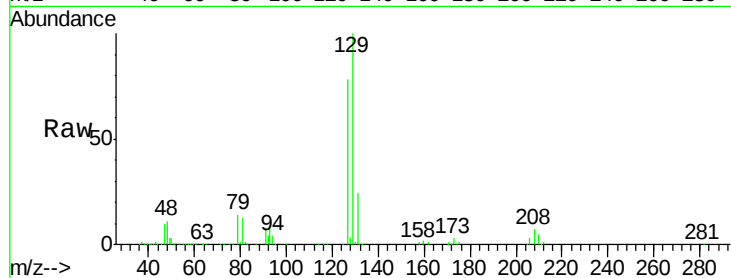
ClientSampleId :

Tot Ion:129 Resp: 158165

Ion Ratio Lower Upper

129 100

127 77.4 38.6 116.0



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.57

120000

100000

80000

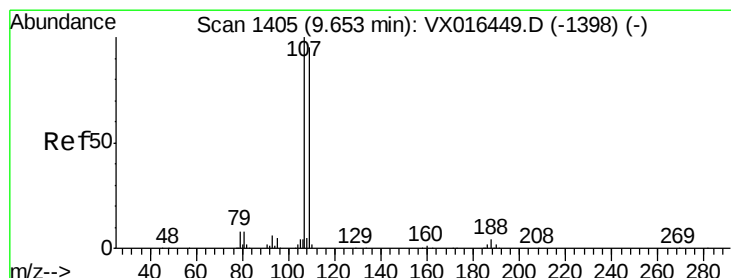
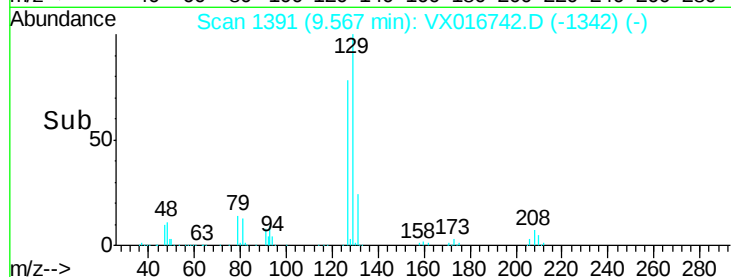
60000

40000

20000

0

Time-->



#61

1,2-Dibromoethane

Concen: 56.234 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016742.D

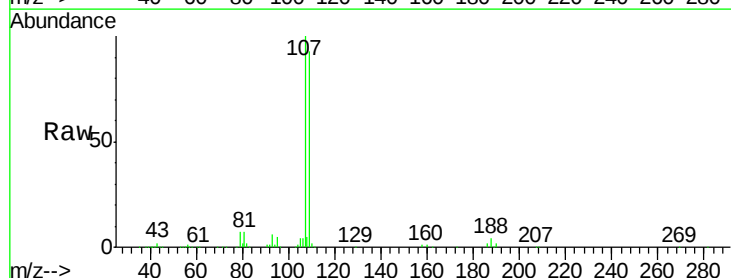
Acq: 12 Jun 2020 20:27

Tgt Ion:107 Resp: 142318

Ion Ratio Lower Upper

107 100

109 93.7 75.5 113.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

120000

100000

80000

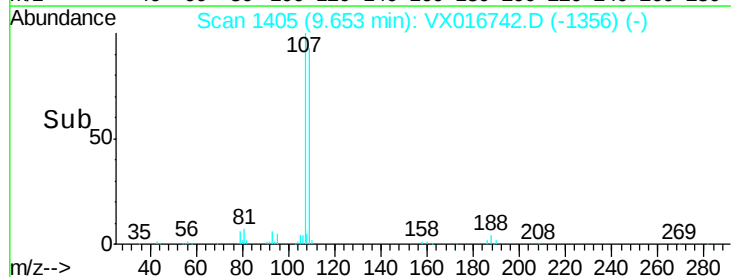
60000

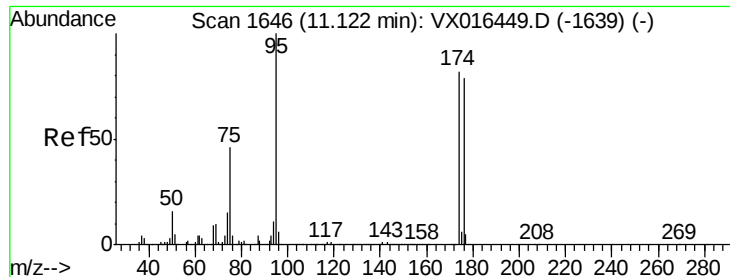
40000

20000

0

Time-->





#62

4-Bromofluorobenzene

Concen: 51.876 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016742.D

Acq: 12 Jun 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

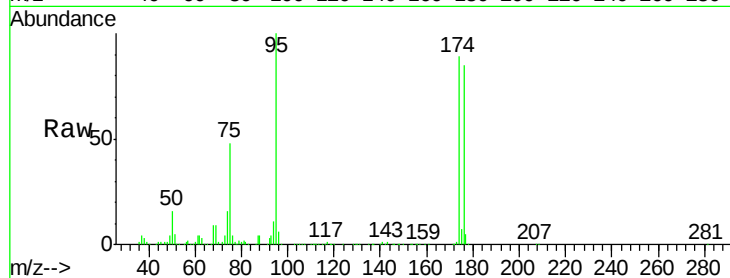
Tot Ion: 95 Resp: 160603

Ion Ratio Lower Upper

95 100

174 87.9 0.0 163.0

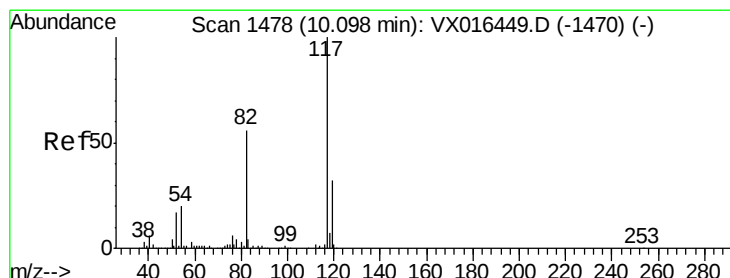
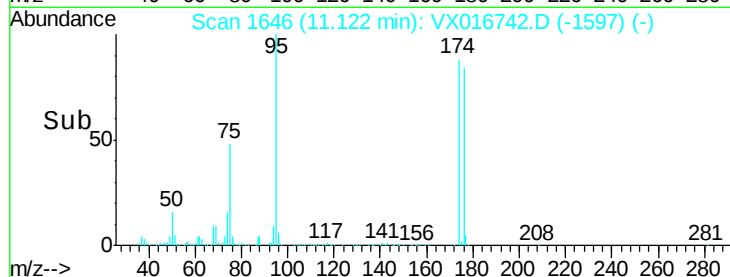
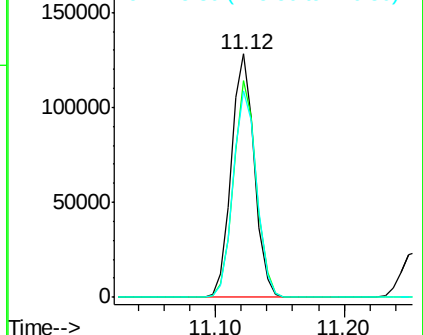
176 86.2 0.0 156.8



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: VX016742.D

Acq: 12 Jun 2020 20:27

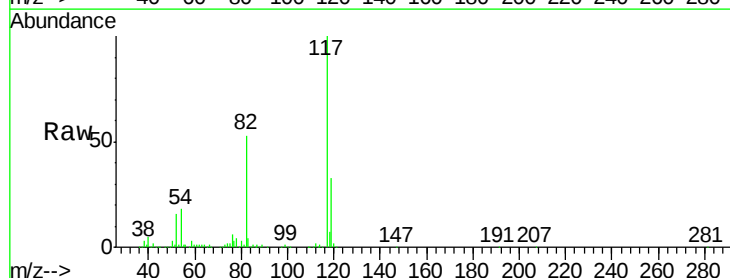
Tgt Ion: 117 Resp: 318883

Ion Ratio Lower Upper

117 100

82 53.0 45.0 67.6

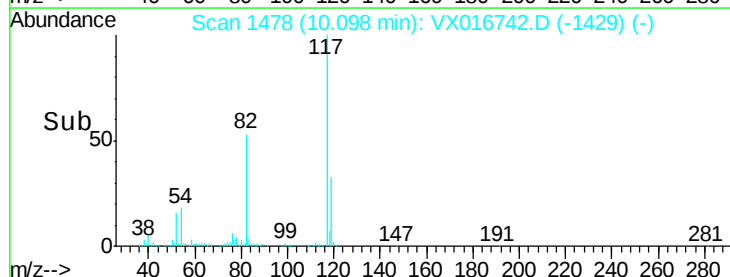
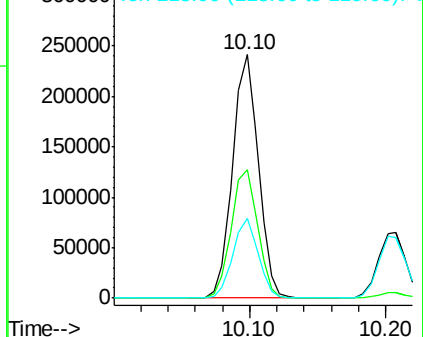
119 32.6 25.8 38.8

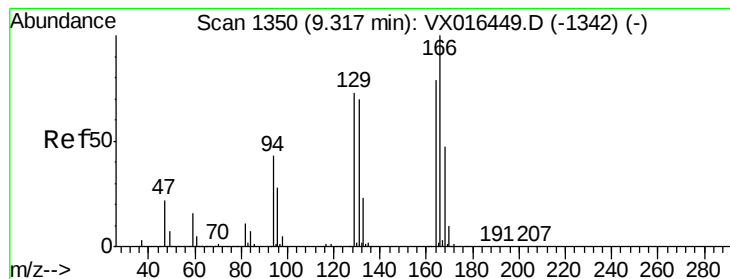


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#64

Tetrachloroethene

Concen: 41.960 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX016742.D

Acq: 12 Jun 2020 20:27

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:164 Resp: 149696

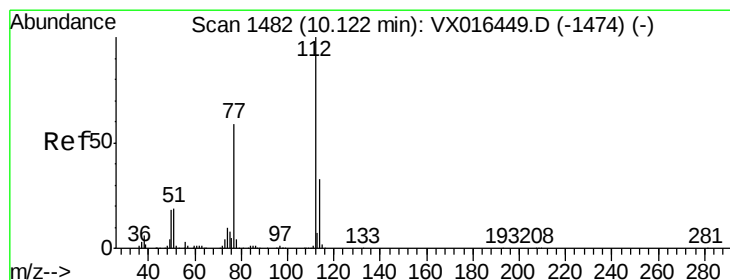
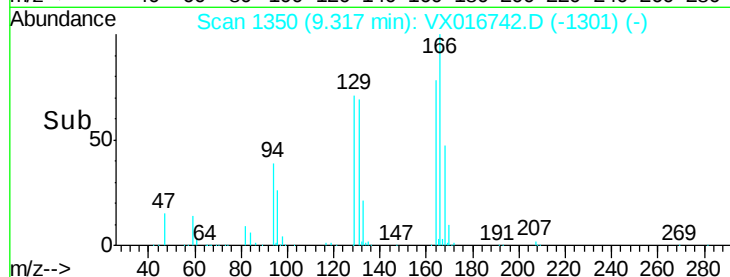
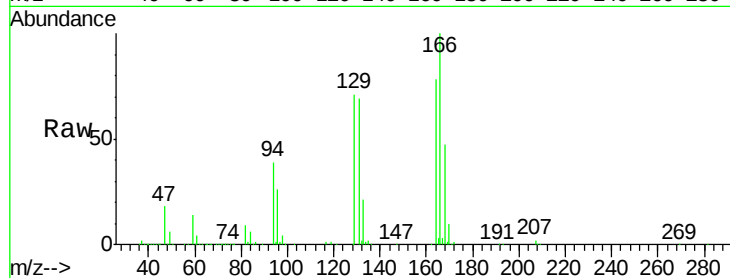
Ion Ratio Lower Upper

164 100

166 127.5 100.9 151.3

129 90.7 73.2 109.8

131 87.5 70.8 106.2



#65

Chlorobenzene

Concen: 54.381 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016742.D

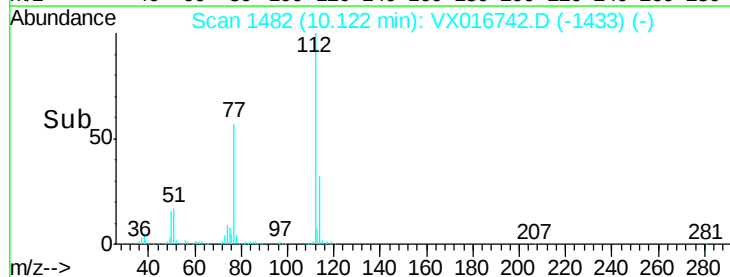
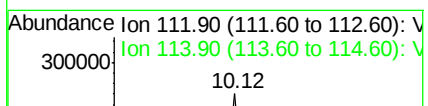
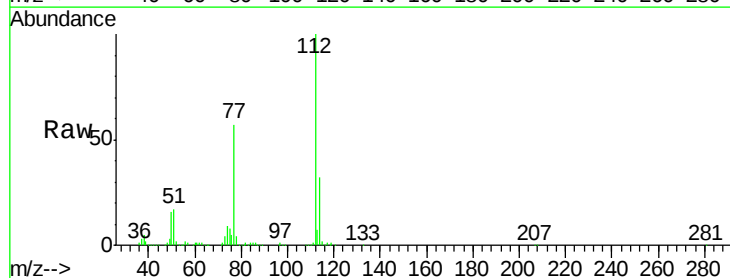
Acq: 12 Jun 2020 20:27

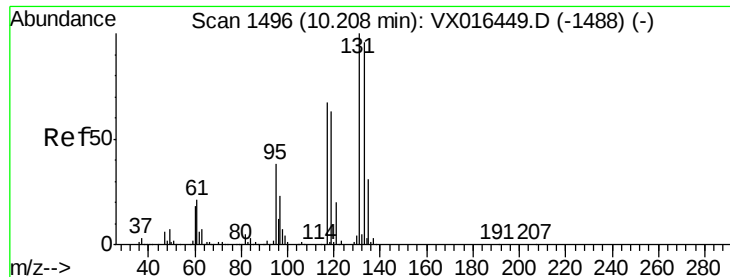
Tgt Ion:112 Resp: 353542

Ion Ratio Lower Upper

112 100

114 31.8 26.0 39.0





#66

1,1,1,2-Tetrachloroethane

Concen: 57.126 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX016742.D

Acq: 12 Jun 2020 20:27

Instrument :

MSVOA_X

ClientSampled :

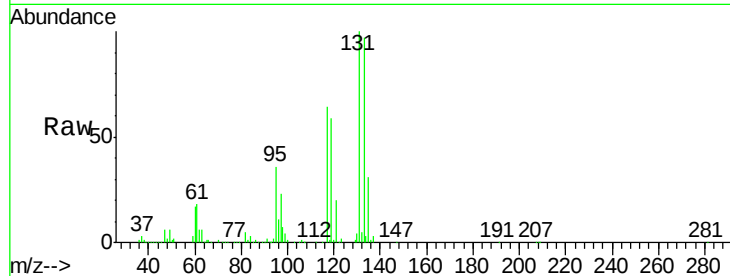
Tot Ion:131 Resp: 141768

Ion Ratio Lower Upper

131 100

133 97.3 48.4 145.3

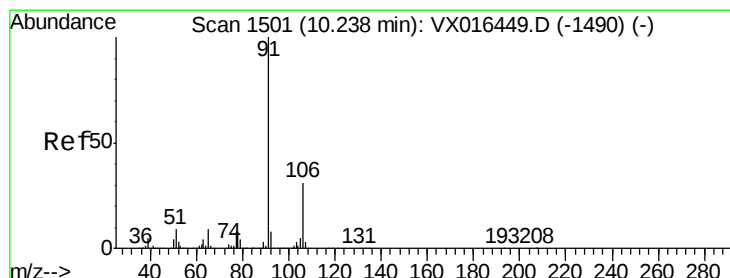
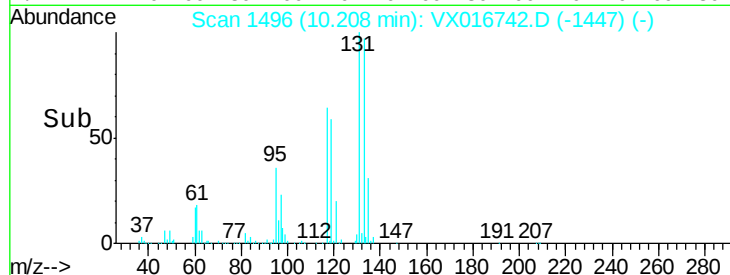
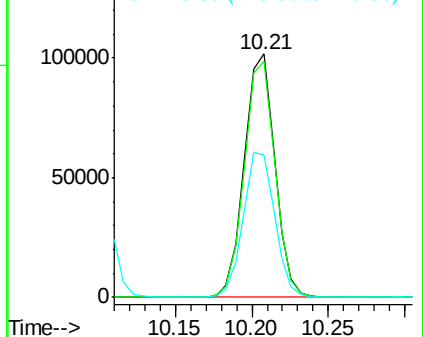
119 61.5 32.0 96.2



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 51.271 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX016742.D

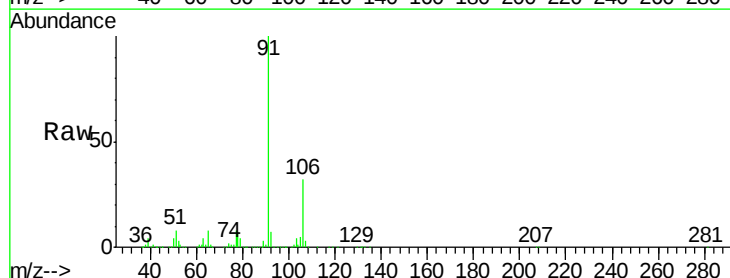
Acq: 12 Jun 2020 20:27

Tgt Ion: 91 Resp: 593455

Ion Ratio Lower Upper

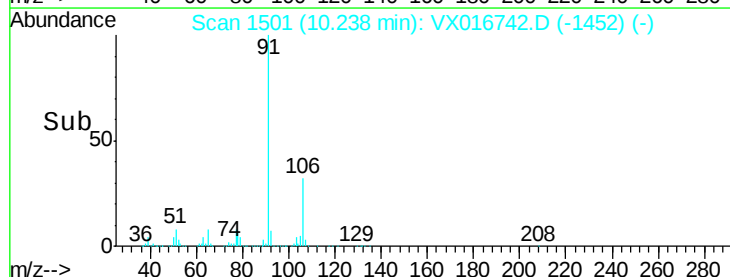
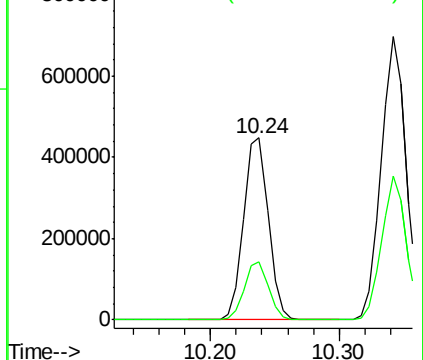
91 100

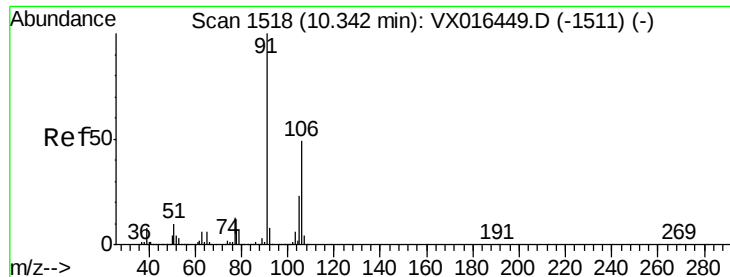
106 32.2 25.0 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

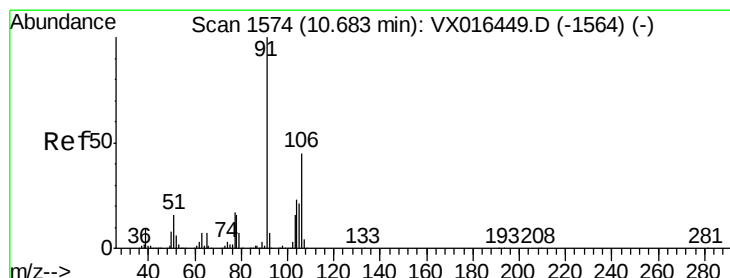
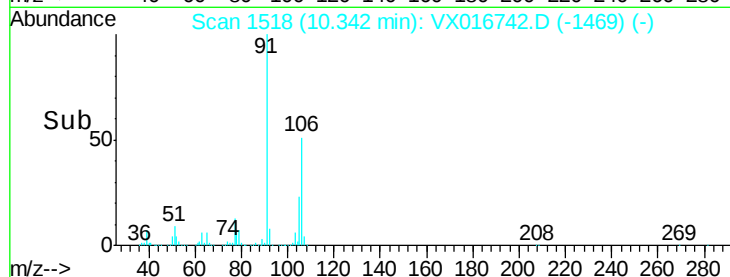
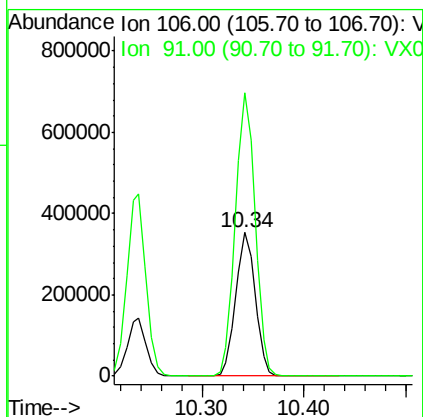
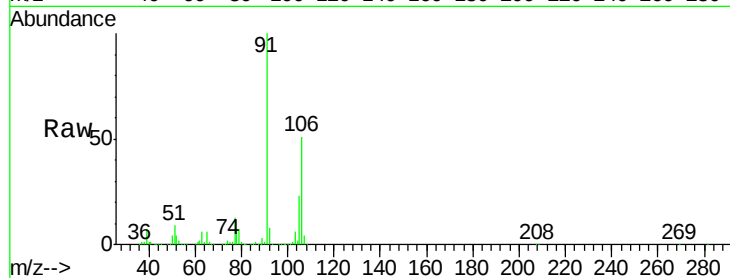




#68
m/p-Xylenes
Concen: 107.972 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016742.D
Acq: 12 Jun 2020 20:27

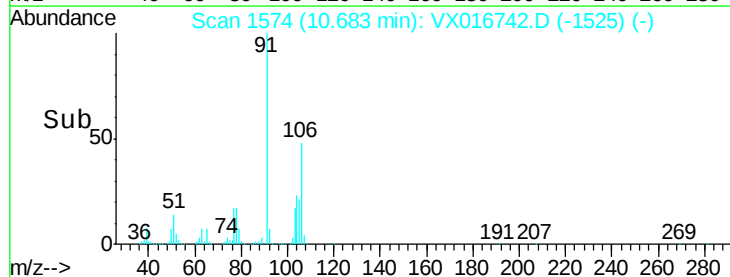
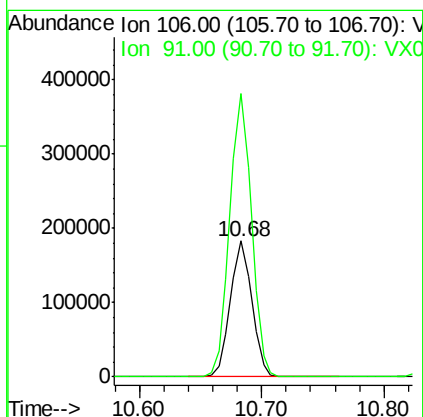
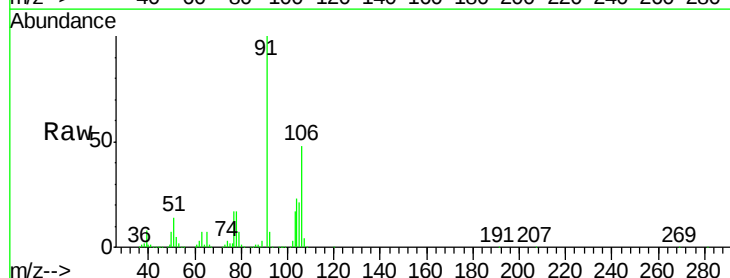
Instrument :
MSVOA_X
ClientSampleId :

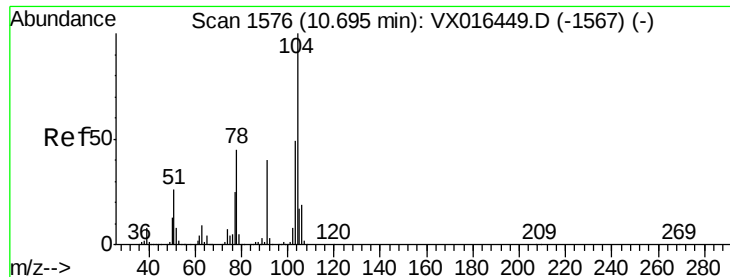
Tot Ion:106 Resp: 463374
Ion Ratio Lower Upper
106 100
91 199.8 163.8 245.8



#69
o-Xylene
Concen: 53.527 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016742.D
Acq: 12 Jun 2020 20:27

Tgt Ion:106 Resp: 222470
Ion Ratio Lower Upper
106 100
91 210.8 109.6 328.8

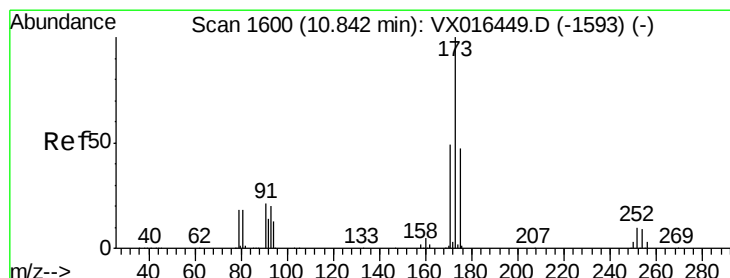
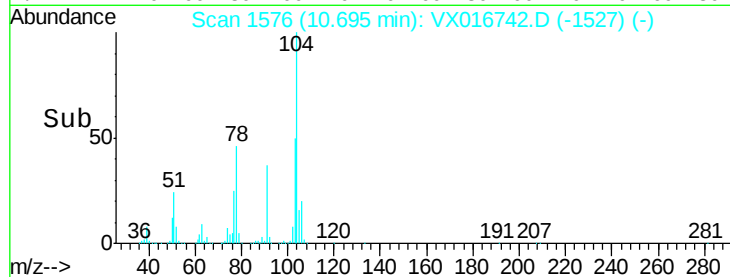
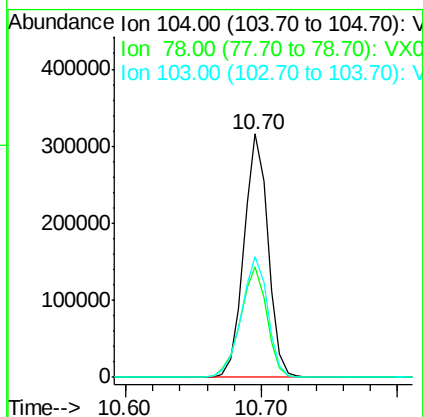
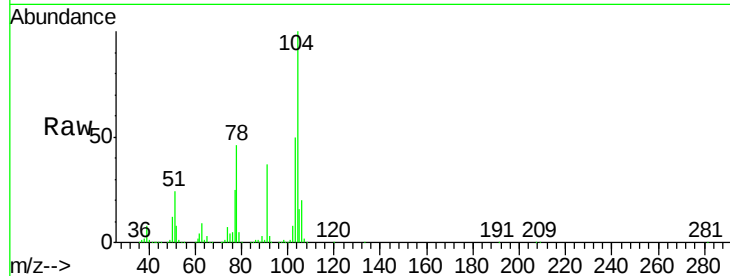




#70
Stvrene
Concen: 54.849 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016742.D
Acq: 12 Jun 2020 20:27

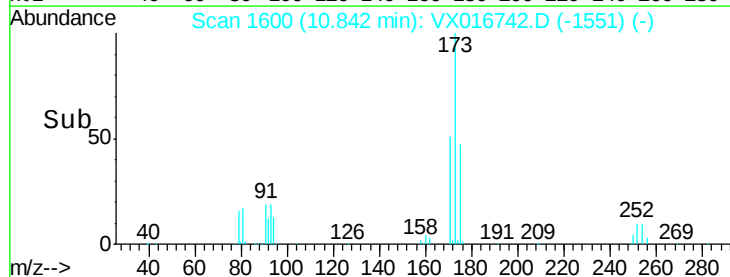
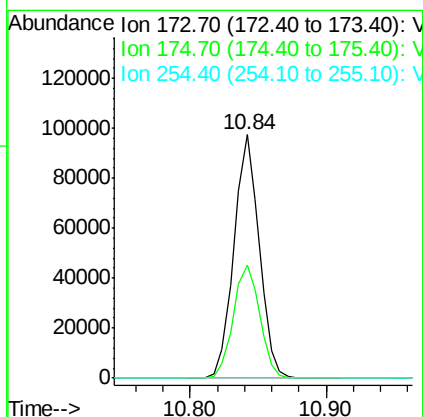
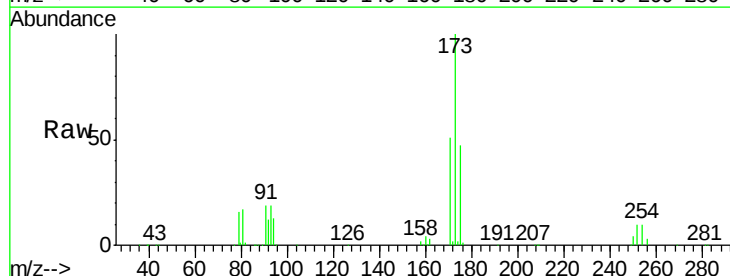
Instrument :
MSVOA_X
ClientSampleId :

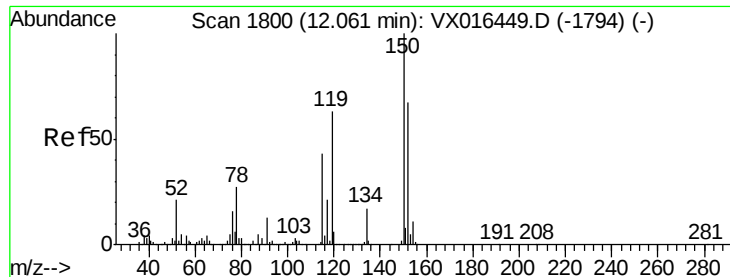
Tot Ion	Ratio	Lower	Upper
104	100		
78	49.7	40.2	60.2
103	54.2	43.1	64.7



#71
Bromoform
Concen: 59.842 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX016742.D
Acq: 12 Jun 2020 20:27

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.5	23.9	71.7
254	0.0	0.1	0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016742.D

Acq: 12 Jun 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

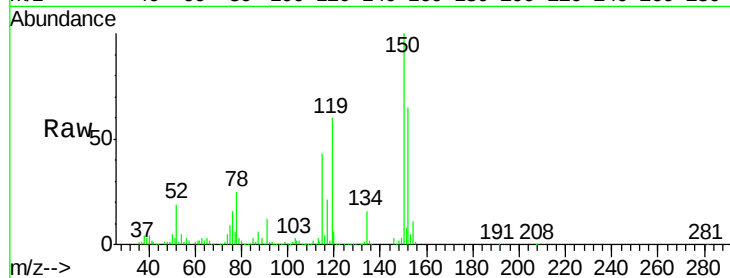
Tot Ion:152 Resp: 166595

Ion Ratio Lower Upper

152 100

115 81.8 39.9 119.6

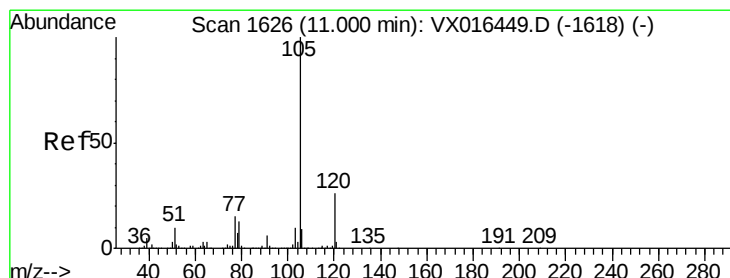
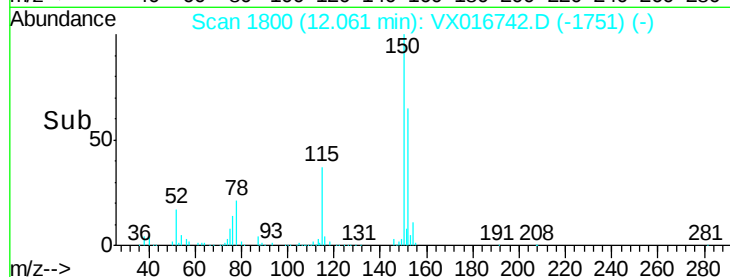
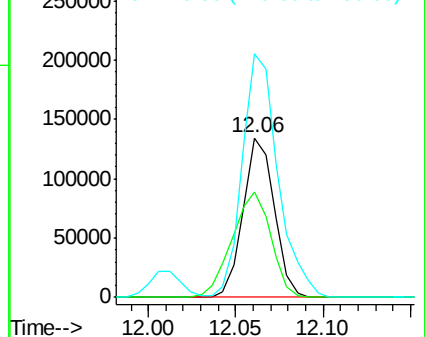
150 175.3 0.0 341.0



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: 51.282 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016742.D

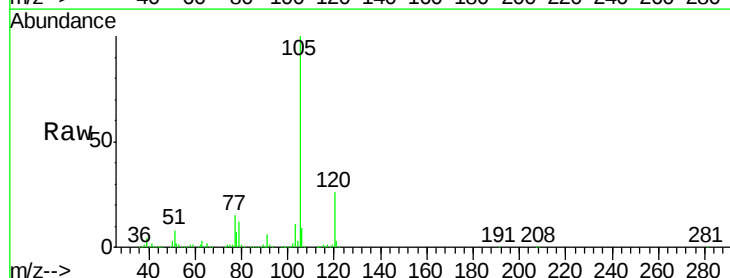
Acq: 12 Jun 2020 20:27

Tgt Ion:105 Resp: 591946

Ion Ratio Lower Upper

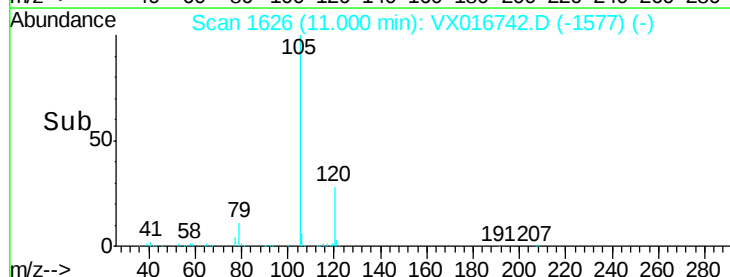
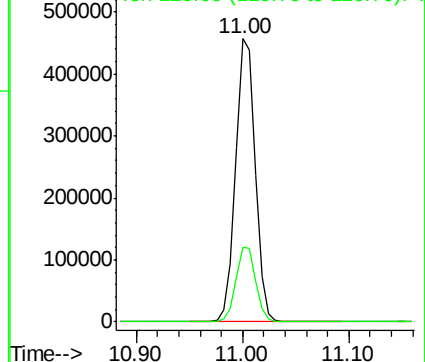
105 100

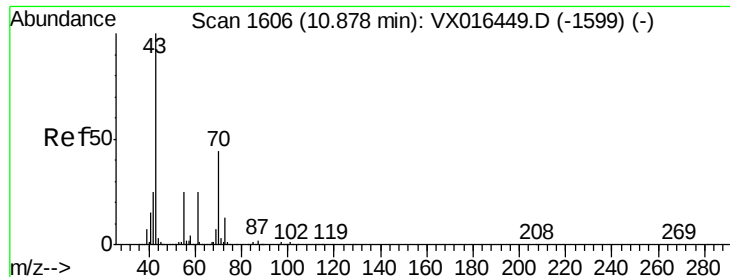
120 26.5 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 40.738 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016742.D

Acq: 12 Jun 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 43 Resp: 216299

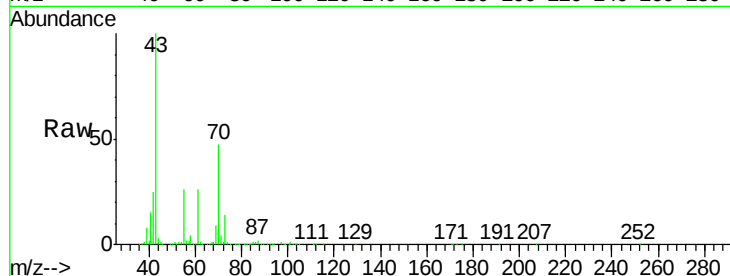
Ion Ratio Lower Upper

43 100

70 49.2 36.1 54.1

55 27.0 20.2 30.4

61 26.9 20.3 30.5

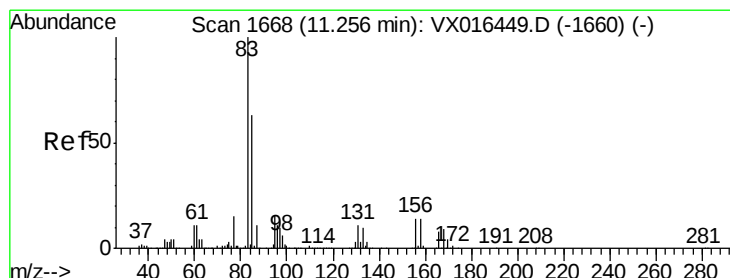
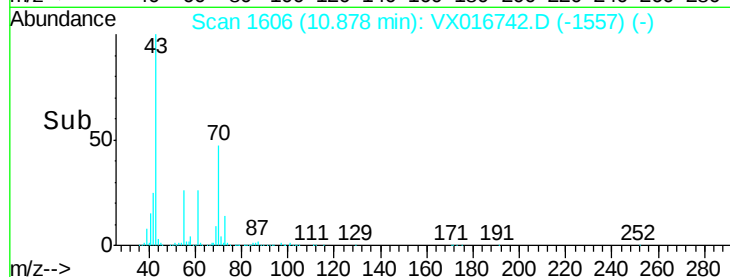
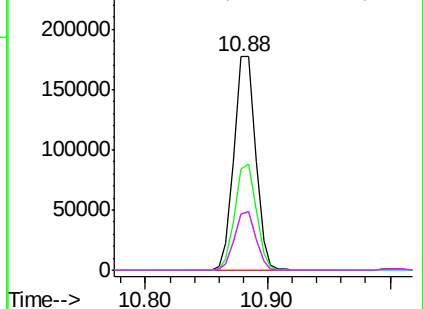


Abundance Ion 43.00 (42.70 to 43.70): VX0

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



#75

1,1,2,2-Tetrachloroethane

Concen: 64.048 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016742.D

Acq: 12 Jun 2020 20:27

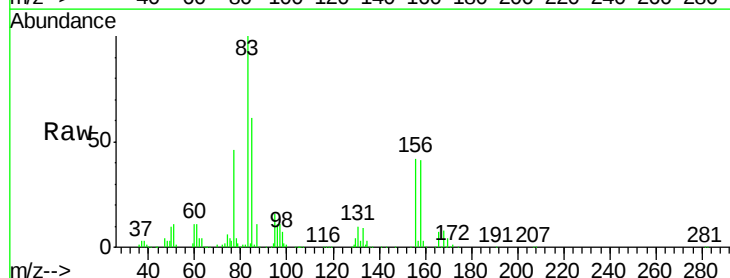
Tgt Ion: 83 Resp: 185286

Ion Ratio Lower Upper

83 100

131 11.1 5.1 15.3

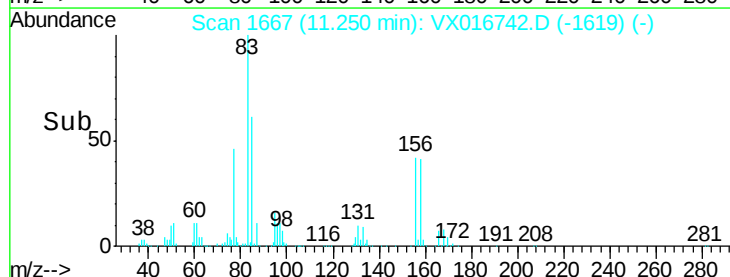
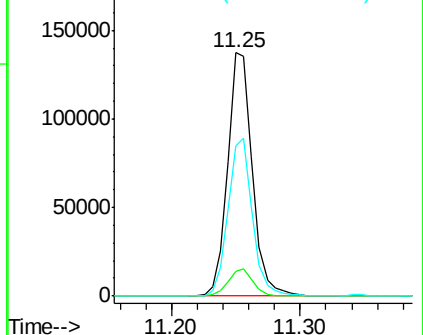
85 64.1 32.0 96.2

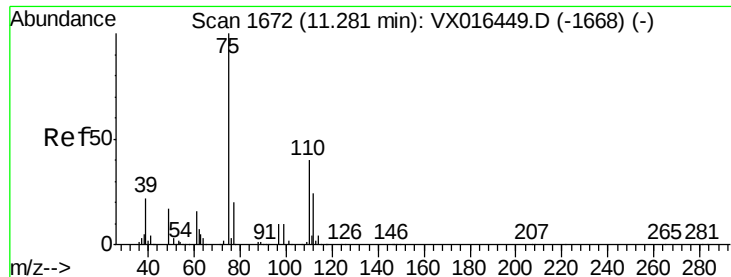


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 65.573 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016742.D

Acq: 12 Jun 2020 20:27

Instrument :

MSVOA_X

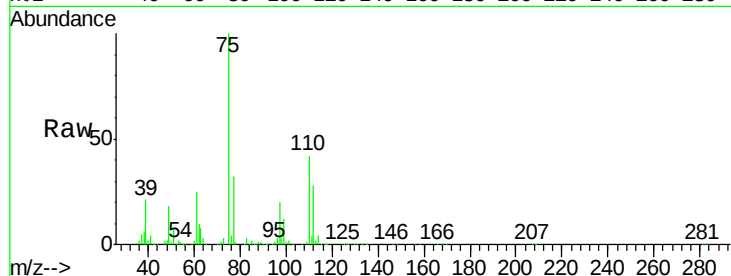
ClientSampled :

Tot Ion: 75 Resp: 240117

Ion Ratio Lower Upper

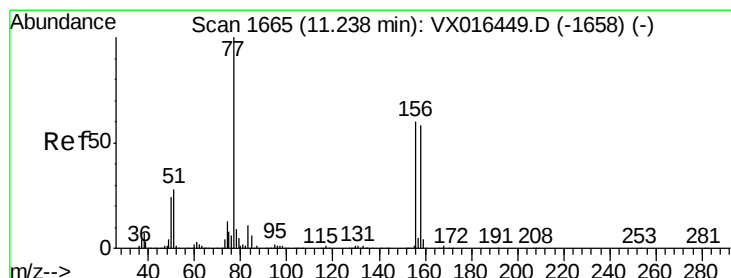
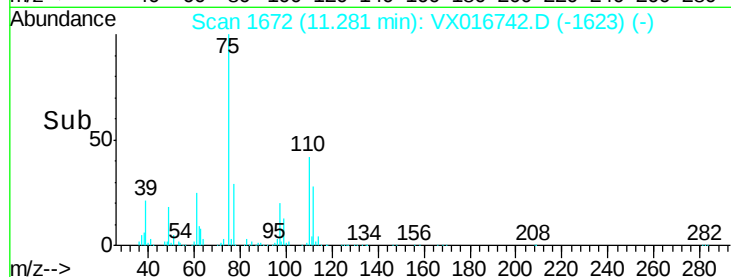
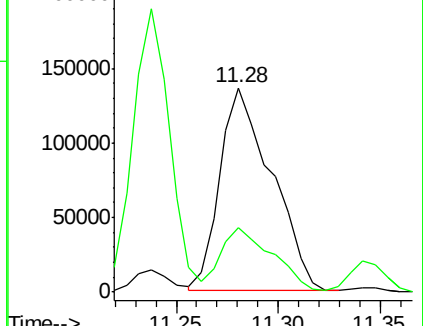
75 100

77 31.8 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: 53.263 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016742.D

Acq: 12 Jun 2020 20:27

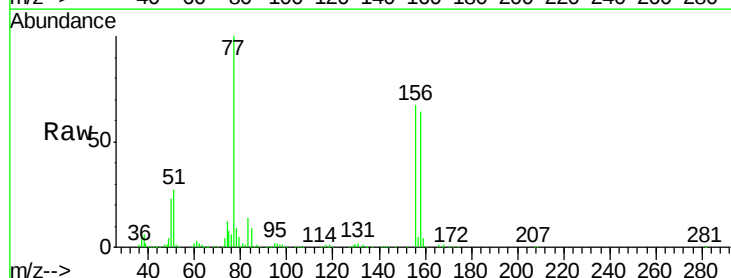
Tgt Ion: 156 Resp: 161255

Ion Ratio Lower Upper

156 100

77 147.9 79.6 238.8

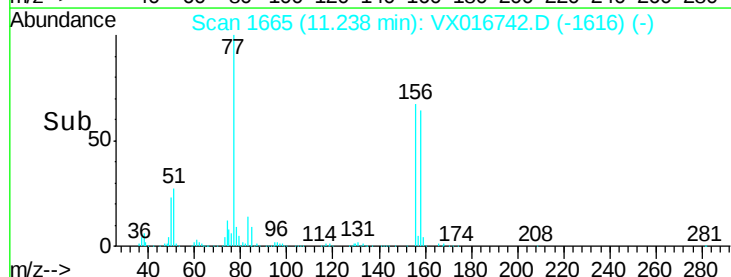
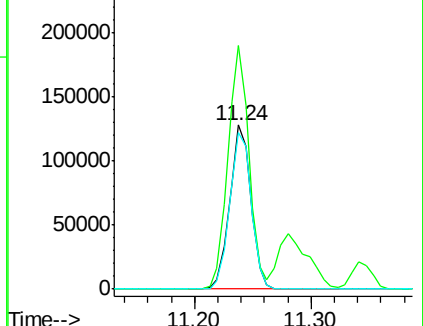
158 97.4 48.1 144.4

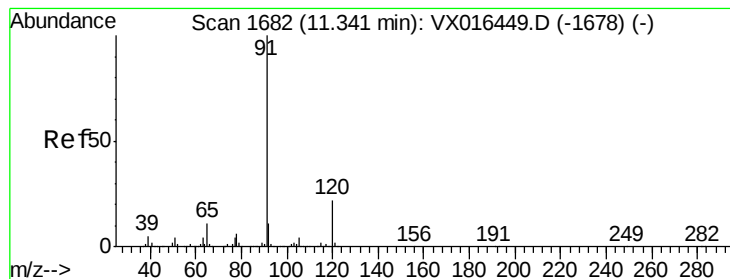


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V





#78

n-propylbenzene

Concen: 50.738 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX016742.D

Acq: 12 Jun 2020 20:27

Instrument :

MSVOA_X

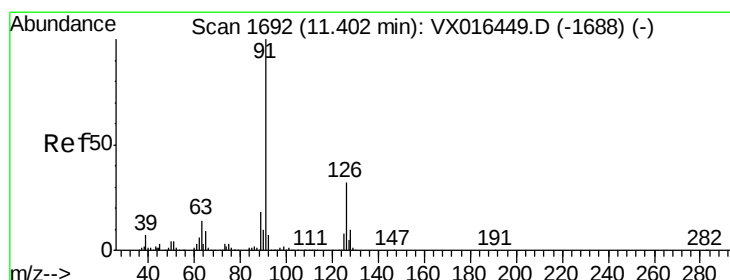
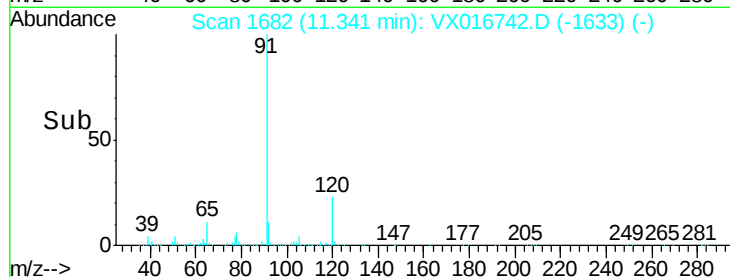
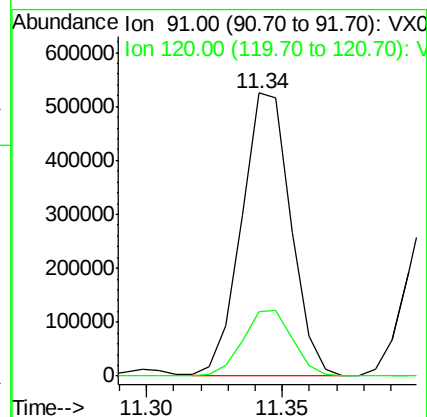
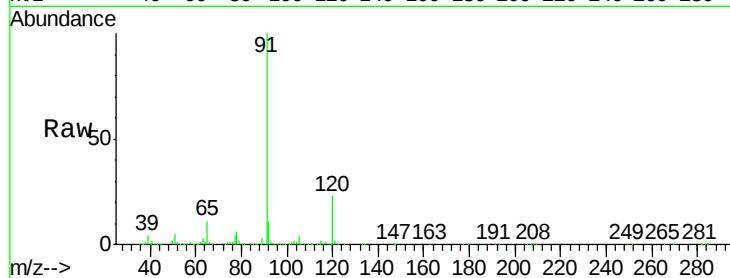
ClientSampleId :

Tot Ion: 91 Resp: 654326

Ion Ratio Lower Upper

91 100

120 23.8 11.6 34.7



#79

2-Chlorotoluene

Concen: 51.336 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX016742.D

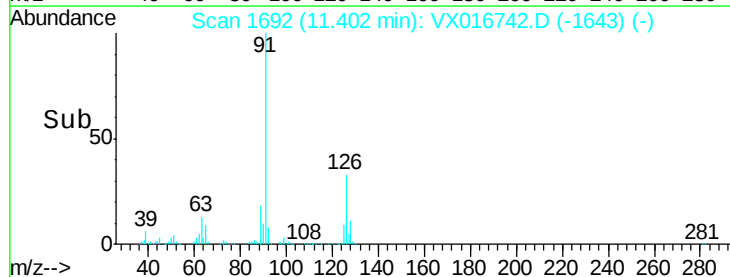
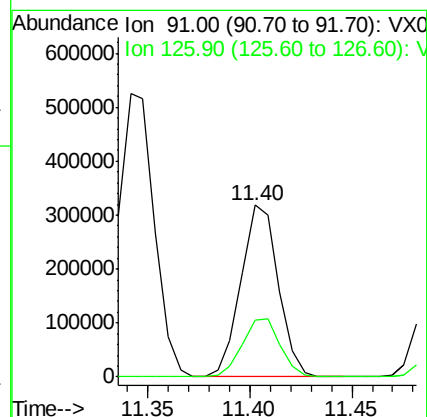
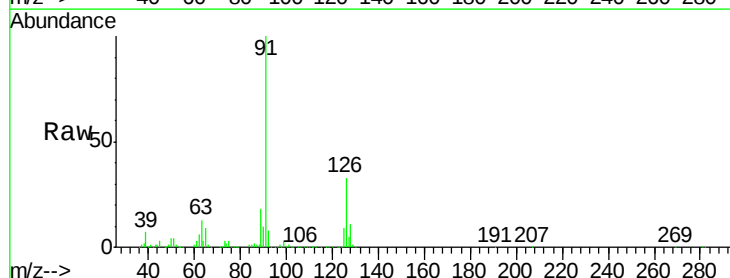
Acq: 12 Jun 2020 20:27

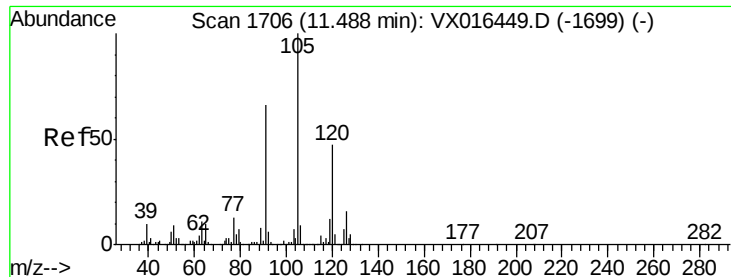
Tgt Ion: 91 Resp: 404107

Ion Ratio Lower Upper

91 100

126 34.4 16.8 50.3



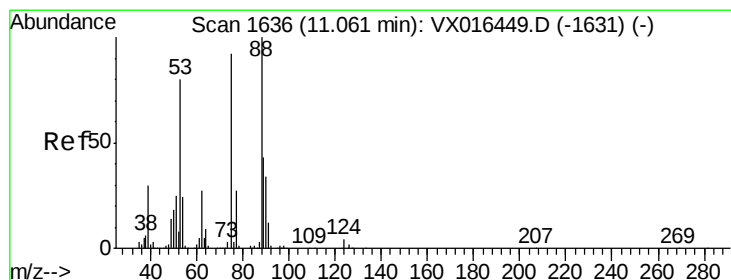
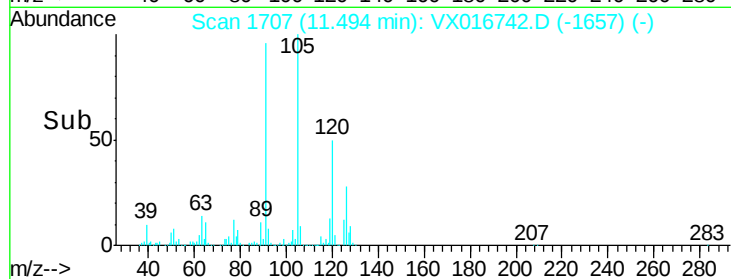
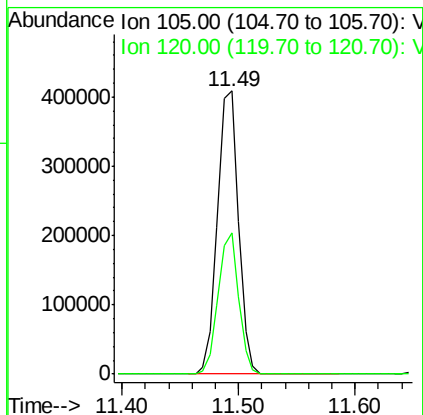
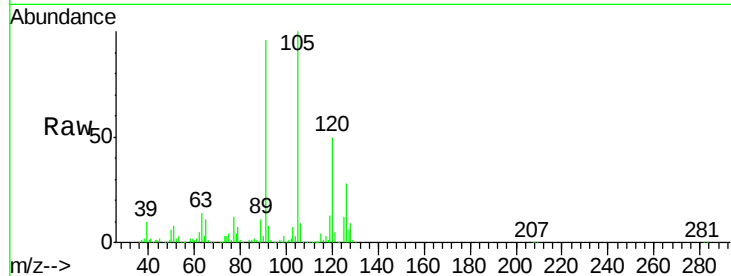


#80

1,3,5-Trimethylbenzene
Concen: 52.645 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.01 min
Lab File: VX016742.D
Acq: 12 Jun 2020 20:27

Instrument :
MSVOA_X
ClientSampleId :

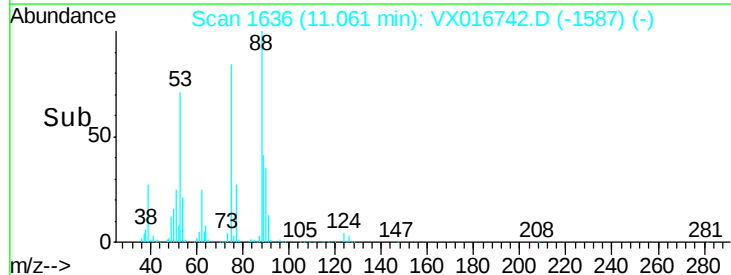
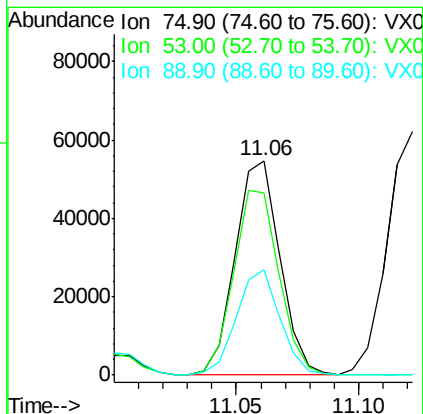
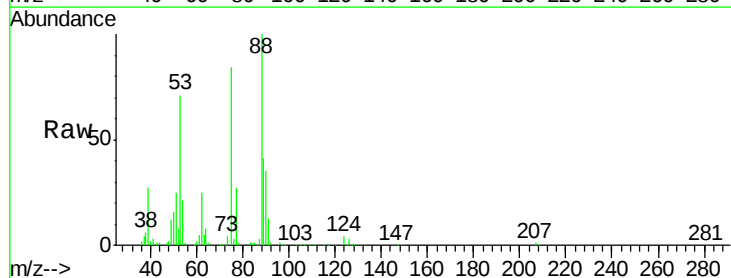
Tot Ion:105 Resp: 507408
Ion Ratio Lower Upper
105 100
120 48.6 24.3 72.8

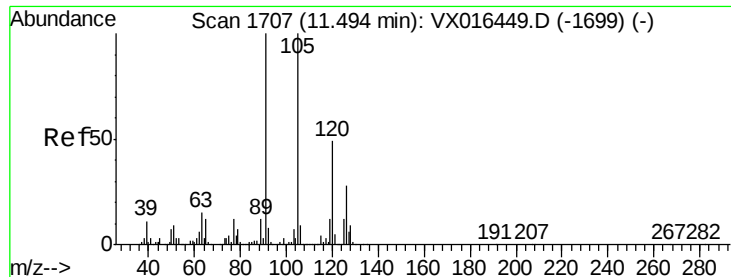


#81

trans-1,4-Dichloro-2-butene
Concen: 46.631 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX016742.D
Acq: 12 Jun 2020 20:27

Tgt Ion: 75 Resp: 69417
Ion Ratio Lower Upper
75 100
53 87.9 71.3 106.9
89 47.8 36.6 55.0

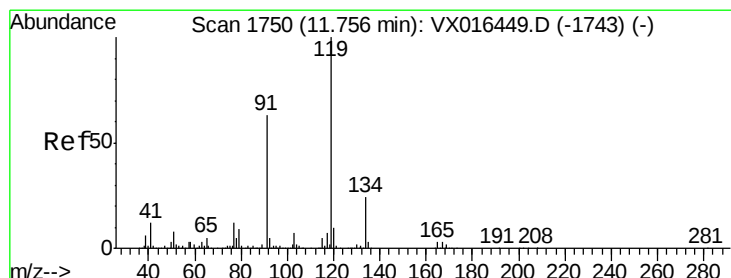
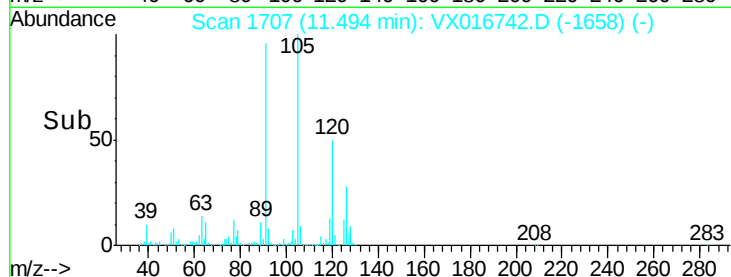
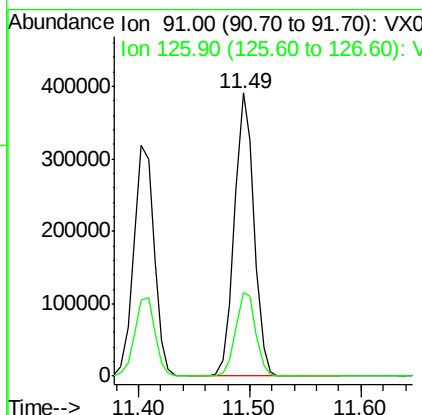
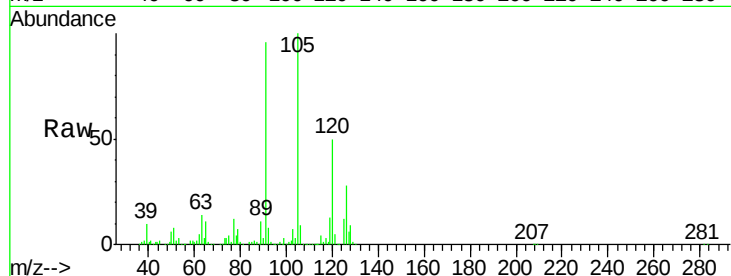




#82
4-Chlorotoluene
Concen: 51.075 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016742.D
Acq: 12 Jun 2020 20:27

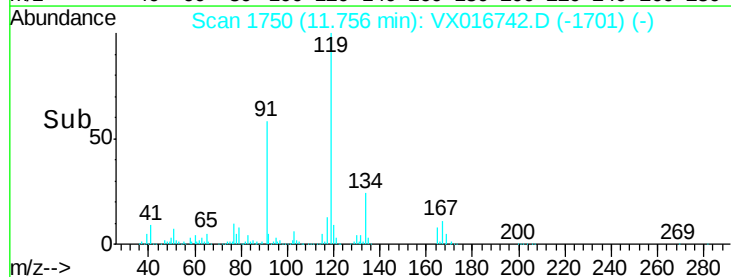
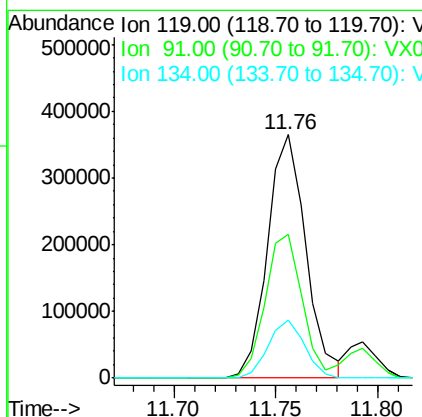
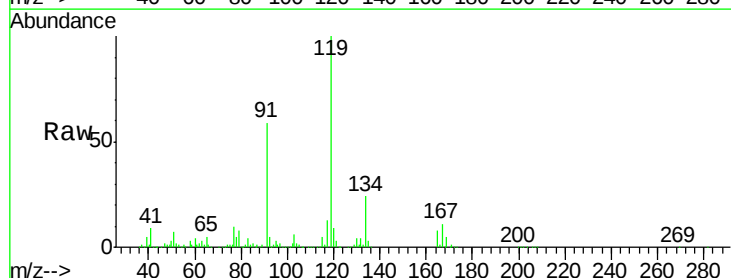
Instrument :
MSVOA_X
ClientSampleId :

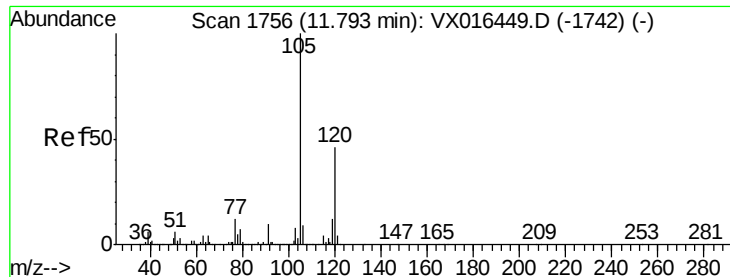
Tot Ion: 91 Resp: 474773
Ion Ratio Lower Upper
91 100
126 30.5 14.7 44.1



#83
tert-Butylbenzene
Concen: 58.040 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX016742.D
Acq: 12 Jun 2020 20:27

Tgt Ion: 119 Resp: 477989
Ion Ratio Lower Upper
119 100
91 56.7 31.3 93.8
134 22.7 12.0 36.0





#84

1,2,4-Trimethylbenzene

Concen: 52.985 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX016742.D

Acq: 12 Jun 2020 20:27

Instrument :

MSVOA_X

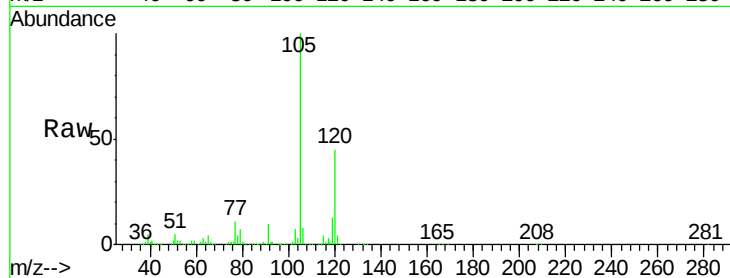
ClientSampleId :

Tot Ion:105 Resp: 516460

Ion Ratio Lower Upper

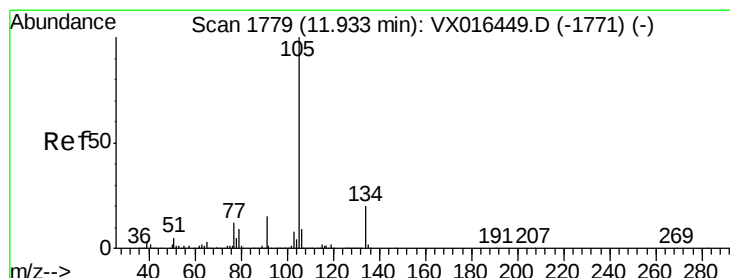
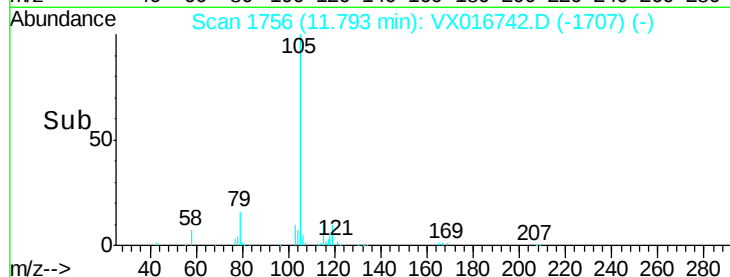
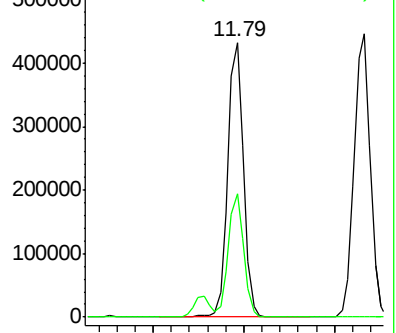
105 100

120 44.1 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: 53.186 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016742.D

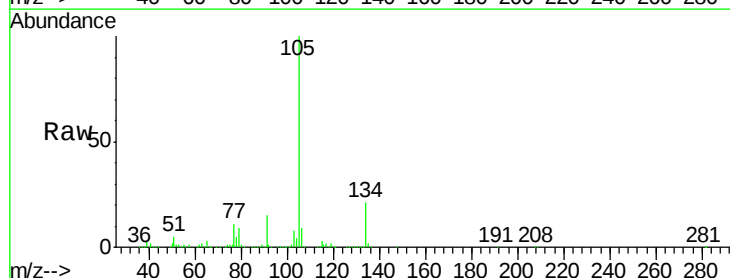
Acq: 12 Jun 2020 20:27

Tgt Ion:105 Resp: 549471

Ion Ratio Lower Upper

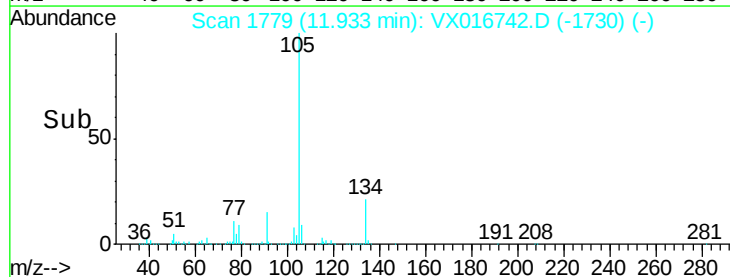
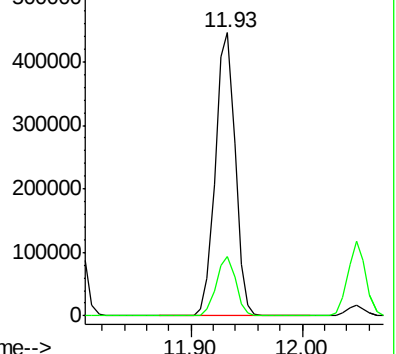
105 100

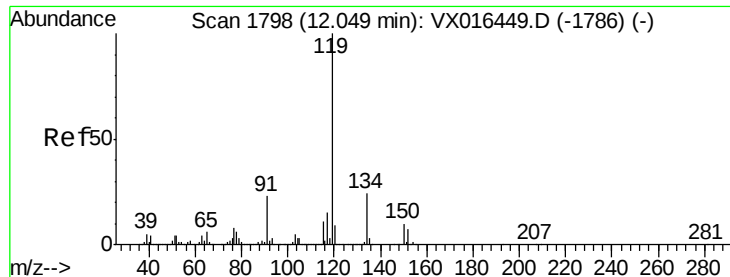
134 20.5 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

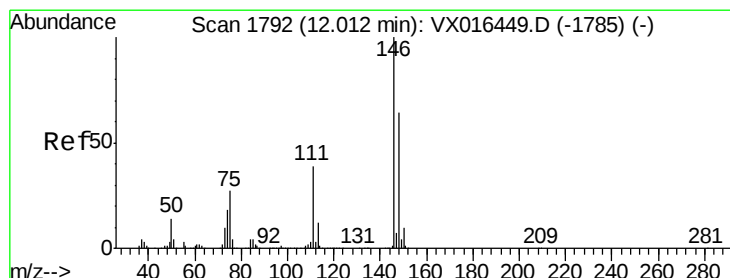
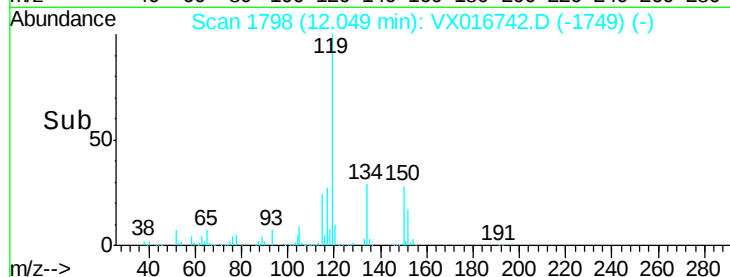
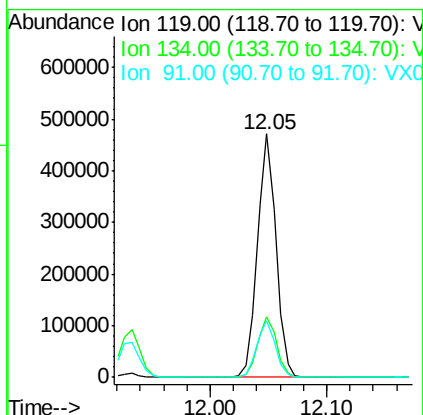
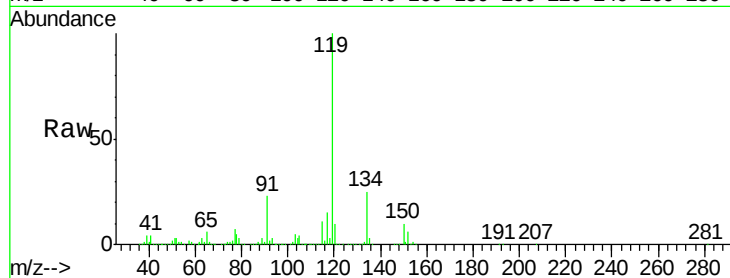




#86
p-Isopropyltoluene
Concen: 54.195 ug/l
RT: 12.05 min Scan# 1798
Delta R.T. -0.00 min
Lab File: VX016742.D
Acq: 12 Jun 2020 20:27

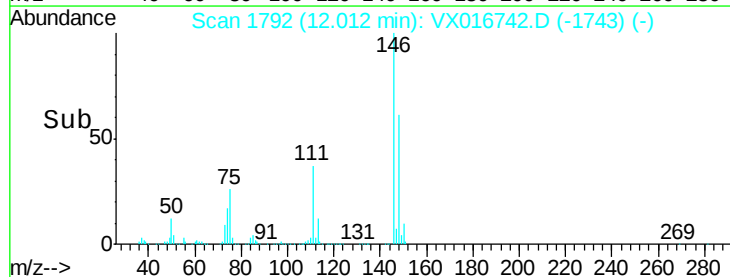
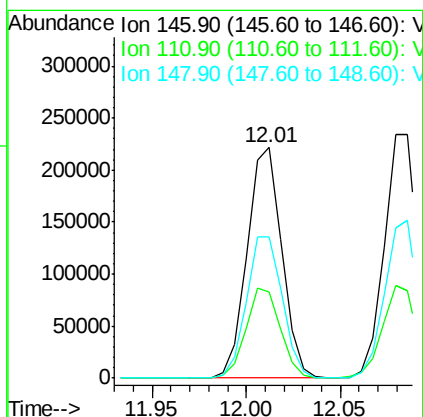
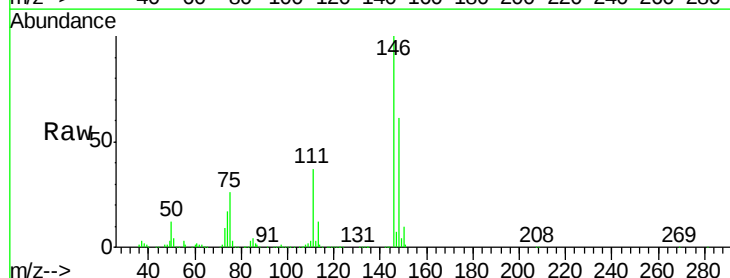
Instrument :
MSVOA_X
ClientSampleId :

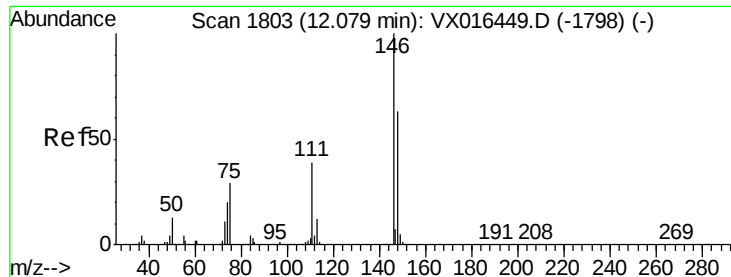
Tot Ion:119 Resp: 524471
Ion Ratio Lower Upper
119 100
134 25.3 12.7 38.0
91 23.3 11.7 35.0



#87
1,3-Dichlorobenzene
Concen: 53.969 ug/l
RT: 12.01 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX016742.D
Acq: 12 Jun 2020 20:27

Tgt Ion:146 Resp: 283076
Ion Ratio Lower Upper
146 100
111 39.0 20.0 60.0
148 63.3 31.9 95.5

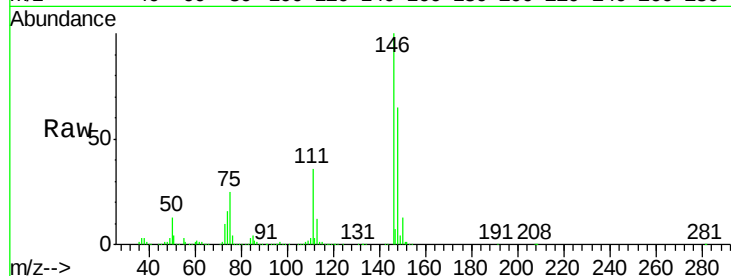




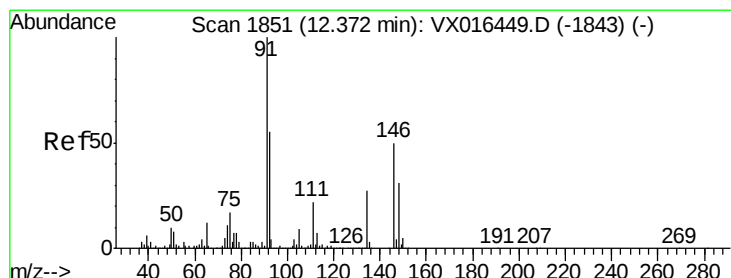
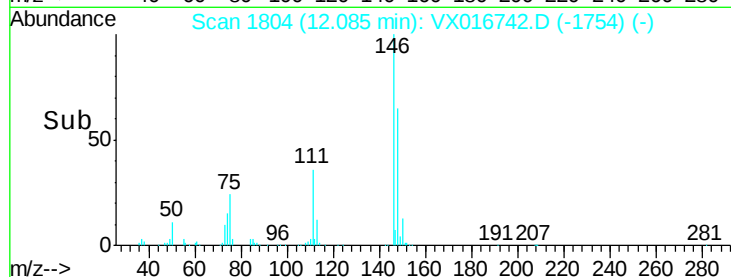
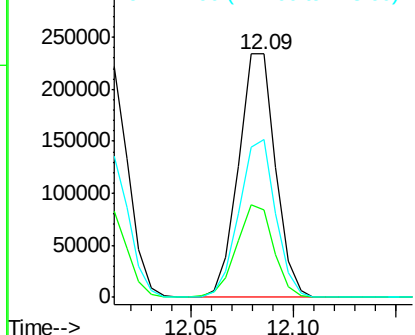
#88
 1,4-Dichlorobenzene
 Concen: 54.873 ug/l
 RT: 12.09 min Scan# 1804
 Delta R.T. 0.01 min
 Lab File: VX016742.D
 Acq: 12 Jun 2020 20:27

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.9	19.4	58.2
148	63.9	31.4	94.3

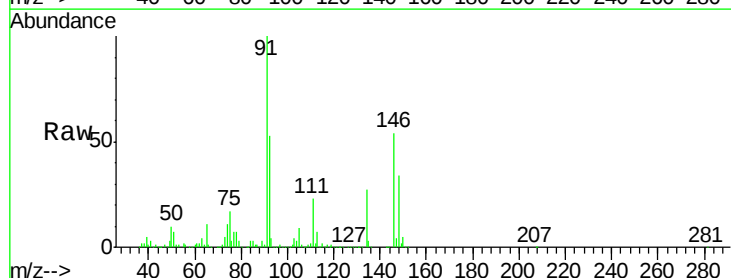


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

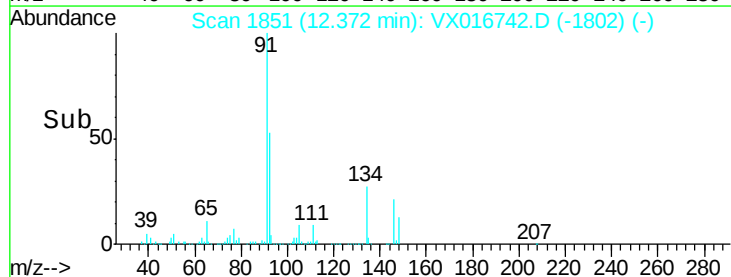
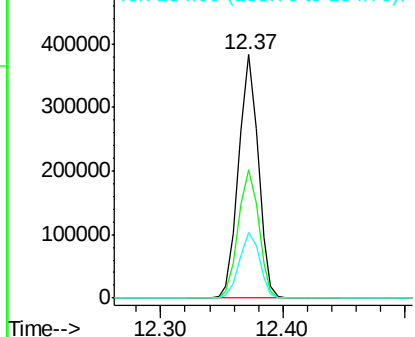


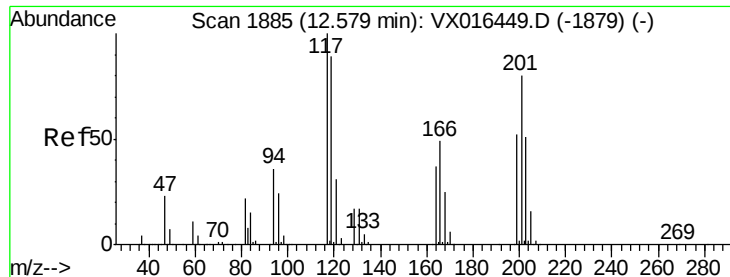
#89
 n-Butylbenzene
 Concen: 52.518 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX016742.D
 Acq: 12 Jun 2020 20:27

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.7	27.2	81.5
134	27.7	13.1	39.3



Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 92.00 (91.70 to 92.70): VX0
 Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 56.748 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX016742.D

Acq: 12 Jun 2020 20:27

Instrument :

MSVOA_X

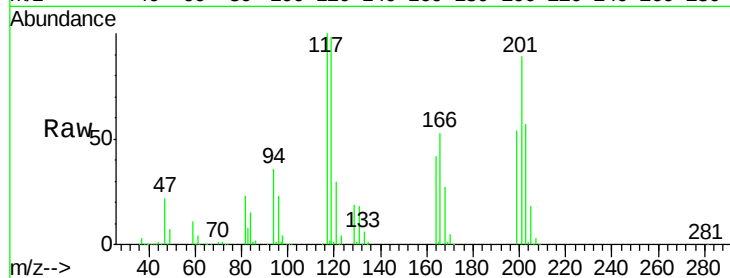
ClientSampleId :

Tot Ion:117 Resp: 94859

Ion Ratio Lower Upper

117 100

201 90.8 43.1 129.3



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

12.58

80000

60000

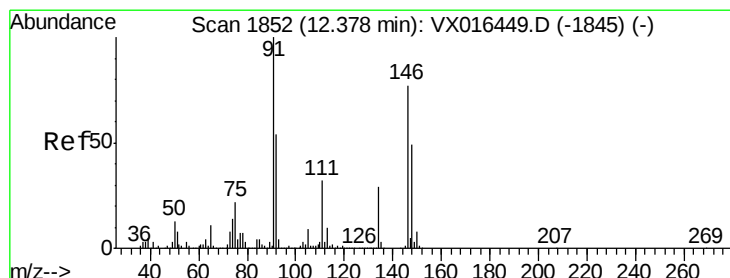
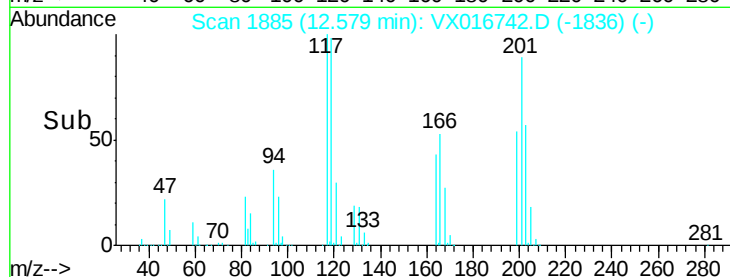
40000

20000

0

Time-->

12.50 12.55 12.60 12.65



#91

1,2-Dichlorobenzene

Concen: 55.752 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016742.D

Acq: 12 Jun 2020 20:27

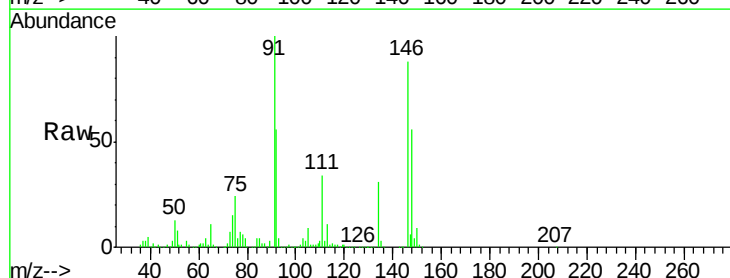
Tgt Ion:146 Resp: 283317

Ion Ratio Lower Upper

146 100

111 40.3 21.4 64.3

148 64.6 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

300000

250000

200000

150000

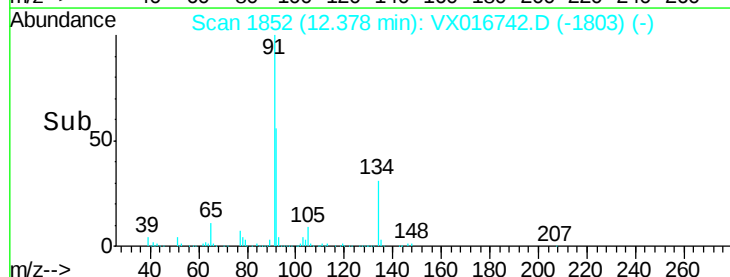
100000

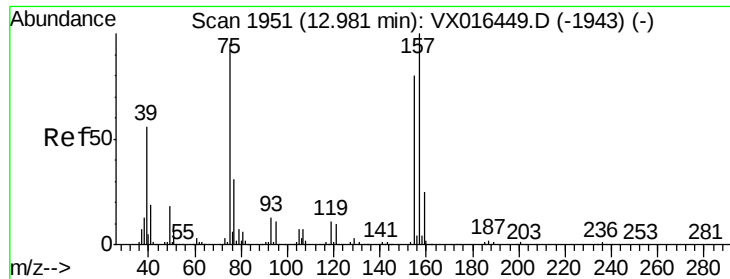
50000

0

Time-->

12.30 12.35 12.40 12.45





#92

1,2-Dibromo-3-Chloropropane

Concen: 53.955 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX016742.D

Acq: 12 Jun 2020 20:27

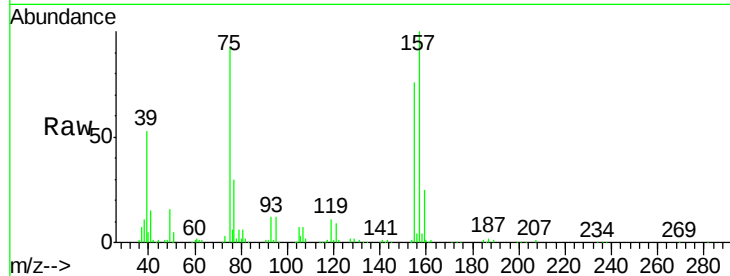
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 75 Resp: 50558

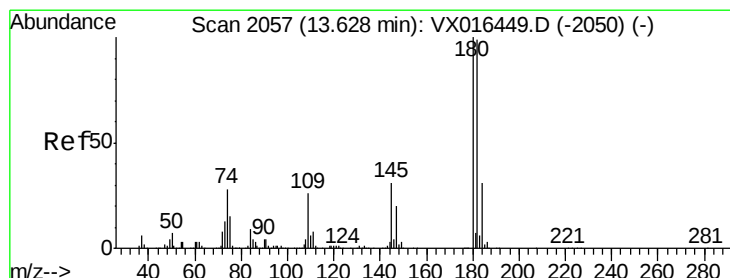
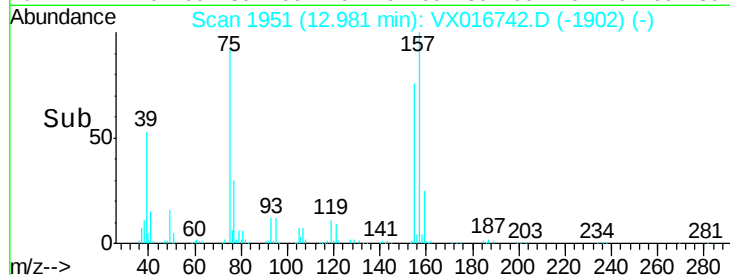
Ion	Ratio	Lower	Upper
75	100		
155	90.5	44.1	132.4
157	116.3	57.8	173.3



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: 56.807 ug/l

RT: 13.63 min Scan# 2057

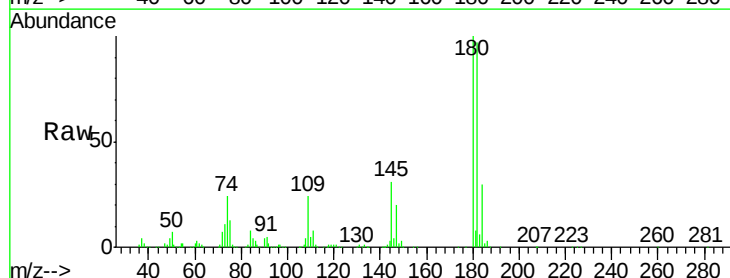
Delta R.T. -0.00 min

Lab File: VX016742.D

Acq: 12 Jun 2020 20:27

Tgt Ion: 180 Resp: 191721

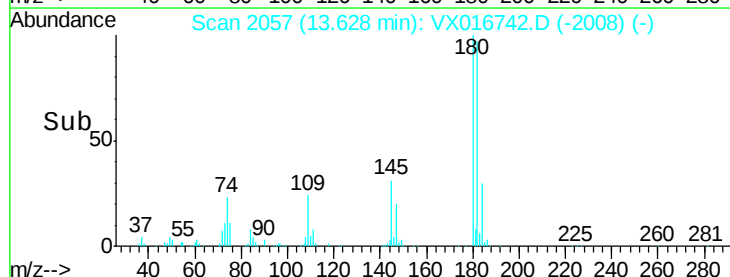
Ion	Ratio	Lower	Upper
180	100		
182	97.0	48.3	144.8
145	30.2	15.4	46.2

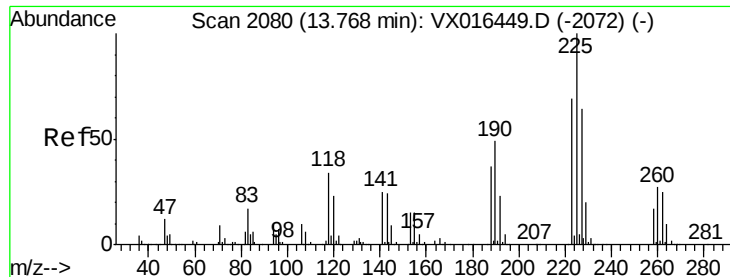


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 60.522 ug/l

RT: 13.76 min Scan# 2079

Delta R.T. -0.01 min

Lab File: VX016742.D

Acq: 12 Jun 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

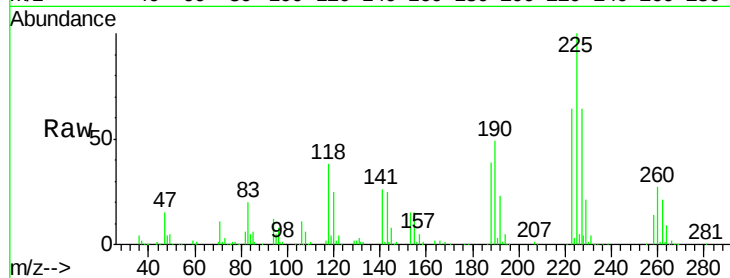
Tot Ion:225 Resp: 80197

Ion Ratio Lower Upper

225 100

223 64.0 32.3 96.8

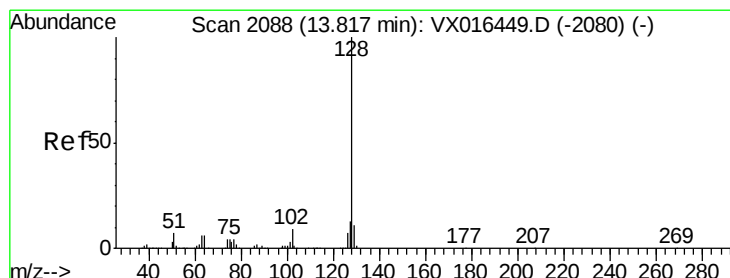
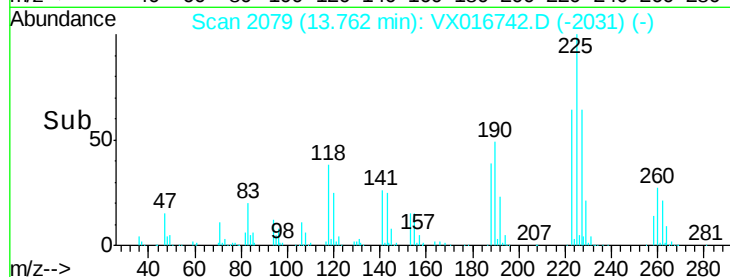
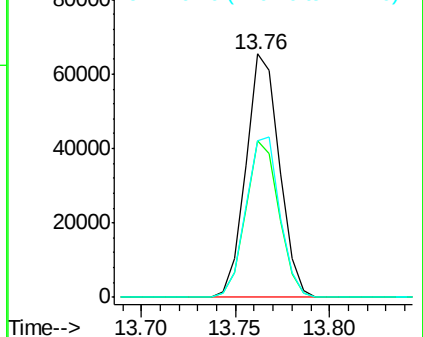
227 67.0 31.6 94.7



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 54.824 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016742.D

Acq: 12 Jun 2020 20:27

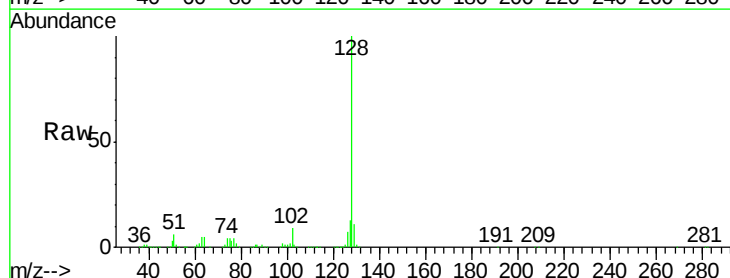
Tgt Ion:128 Resp: 634305

Ion Ratio Lower Upper

128 100

127 12.9 10.6 15.8

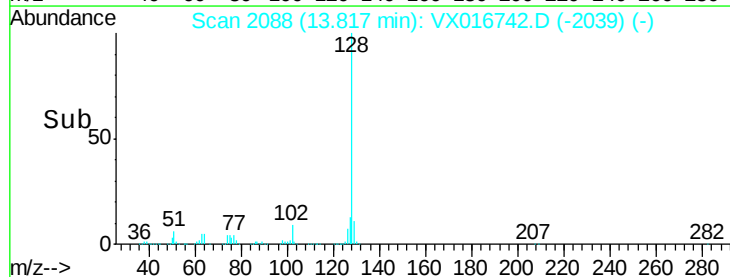
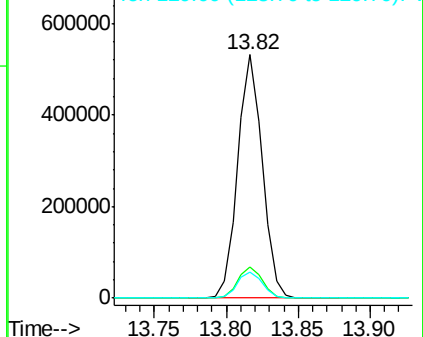
129 11.0 8.6 13.0

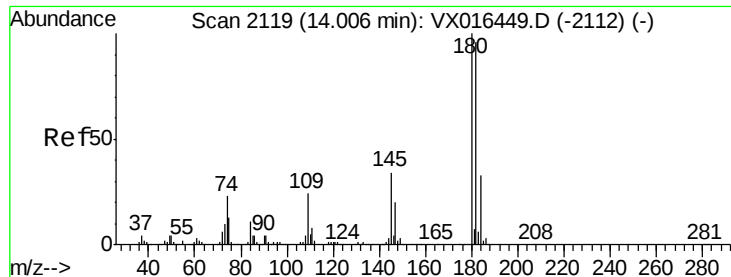


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 59.566 ug/l
 RT: 14.00 min Scan# 2118
 Delta R.T. -0.01 min
 Lab File: VX016742.D
 Acq: 12 Jun 2020 20:27

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.5	48.6	145.8
145	32.1	16.6	49.8

