

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061218\
 Data File : VX002485.D
 Acq On : 13 Jun 2018 00:24
 Operator : JC/MD
 Sample : VX0612WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 13 03:30:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	194982	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	290030	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	276117	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	171802	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	135808	48.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.22%	
35) Dibromofluoromethane	5.51	113	102603	44.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.98%	
50) Toluene-d8	8.72	98	381863	43.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.36%	
62) 4-Bromofluorobenzene	11.14	95	143920	42.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	38125	18.81	ug/l	99
3) Chloromethane	1.32	50	45256	17.63	ug/l	100
4) Vinyl Chloride	1.40	62	51345	20.10	ug/l	99
5) Bromomethane	1.64	94	30551	19.07	ug/l	100
6) Chloroethane	1.73	64	35306	21.37	ug/l	99
7) Trichlorofluoromethane	1.93	101	88891	22.84	ug/l	95
8) Diethyl Ether	2.19	74	33477	22.91	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	50174	23.89	ug/l	98
10) Methyl Iodide	2.51	142	49630	16.80	ug/l	99
11) Tert butyl alcohol	3.07	59	73872	118.89	ug/l	98
12) 1,1-Dichloroethene	2.37	96	43578	20.99	ug/l	98
13) Acrolein	2.30	56	24418	81.63	ug/l	98
14) Allyl chloride	2.73	41	87282	19.38	ug/l	99
15) Acrylonitrile	3.15	53	149105	120.64	ug/l	99
16) Acetone	2.45	43	143691	109.02	ug/l	99
17) Carbon Disulfide	2.57	76	92679	16.94	ug/l	100
18) Methyl Acetate	2.78	43	72319	24.51	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	176114	23.08	ug/l	99
20) Methylene Chloride	2.86	84	52923	22.48	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	46816	20.45	ug/l	95
22) Diisopropyl ether	3.87	45	156878	19.95	ug/l	92
23) Vinyl Acetate	3.83	43	665351	91.11	ug/l	99
24) 1,1-Dichloroethane	3.70	63	91937	20.65	ug/l	99
25) 2-Butanone	4.71	43	184425	96.47	ug/l	97
26) 2,2-Dichloropropane	4.59	77	47193	13.56	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	47101	18.92	ug/l	96
28) Bromochloromethane	5.03	49	41567	19.80	ug/l	100
29) Tetrahydrofuran	5.17	42	121486	98.56	ug/l	100
30) Chloroform	5.22	83	84553	19.68	ug/l	97
31) Cyclohexane	5.58	56	66842	18.99	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	70010	19.22	ug/l	98
36) 1,1-Dichloropropene	5.81	75	56967	18.68	ug/l	99
37) Ethyl Acetate	4.87	43	71404	19.47	ug/l	99
38) Carbon Tetrachloride	5.79	117	59863	18.77	ug/l	97

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Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 13 03:30:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	65807	17.64	ug/l	96
40) Benzene	6.15	78	177513	18.99	ug/l	100
41) Methacrylonitrile	5.07	41	41208	19.63	ug/l	99
42) 1,2-Dichloroethane	6.20	62	72877	19.62	ug/l	99
43) Isopropyl Acetate	6.47	43	116450	18.70	ug/l	100
44) Trichloroethene	7.22	130	49702	19.16	ug/l	99
45) 1,2-Dichloropropane	7.53	63	47940	18.99	ug/l	98
46) Dibromomethane	7.67	93	33018	19.30	ug/l	98
47) Bromodichloromethane	7.90	83	56425	18.23	ug/l	97
48) Methyl methacrylate	7.78	41	59489	19.02	ug/l	98
49) 1,4-Dioxane	7.76	88	24619	420.88	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	396336	102.19	ug/l	99
52) Toluene	8.79	92	114389	19.24	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	66285	17.86	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	59382	16.96	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	49745	20.34	ug/l	99
56) Ethyl methacrylate	9.18	69	71993	18.44	ug/l	99
57) 1,3-Dichloropropane	9.38	76	80941	19.73	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	184222	101.94	ug/l	99
59) 2-Hexanone	9.50	43	301333	100.59	ug/l	99
60) Dibromochloromethane	9.59	129	45760	18.60	ug/l	99
61) 1,2-Dibromoethane	9.68	107	50138	19.66	ug/l	100
64) Tetrachloroethene	9.34	164	55381	19.45	ug/l	98
65) Chlorobenzene	10.14	112	133304	19.40	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	47085	18.93	ug/l	99
67) Ethyl Benzene	10.26	91	225208	19.59	ug/l	97
68) m/p-Xylenes	10.36	106	171871	38.45	ug/l	100
69) o-Xylene	10.70	106	84872	19.08	ug/l	99
70) Styrene	10.71	104	141557	19.47	ug/l	99
71) Bromoform	10.86	173	32590	17.07	ug/l #	100
73) Isopropylbenzene	11.02	105	230581	19.29	ug/l	100
74) N-amyl acetate	6.47	43	116450	18.08	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	74537	19.83	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	80551	21.37	ug/l	80
77) Bromobenzene	11.26	156	63862	19.03	ug/l	98
78) n-propylbenzene	11.37	91	263048	19.80	ug/l	99
79) 2-Chlorotoluene	11.43	91	156384	18.64	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	193246	18.85	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	14821	13.78	ug/l #	83
82) 4-Chlorotoluene	11.51	91	183966	19.00	ug/l	99
83) tert-Butylbenzene	11.77	119	192787	19.31	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	202314	19.17	ug/l	99
85) sec-Butylbenzene	11.95	105	238211	20.36	ug/l	99
86) p-Isopropyltoluene	12.07	119	209690	19.67	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	114668	19.11	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	116822	18.89	ug/l	99
89) n-Butylbenzene	12.39	91	178707	19.99	ug/l	99
90) Hexachloroethane	12.60	117	29101	17.10	ug/l	94
91) 1,2-Dichlorobenzene	12.40	146	119503	19.25	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	14980	18.22	ug/l	98

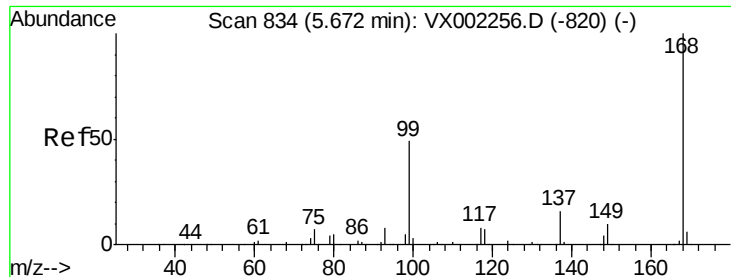
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061218\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	83173	19.11	ug/l	100
94) Hexachlorobutadiene	13.79	225	44019	20.47	ug/l	99
95) Naphthalene	13.84	128	241371	19.30	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	86123	19.40	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002485.D

Acq: 13 Jun 2018 00:24

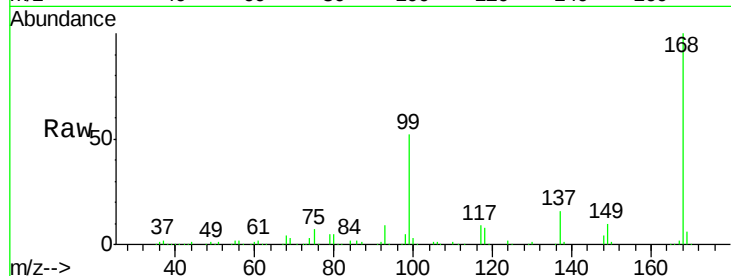
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 194982

Ion Ratio Lower Upper

168 100

99 51.8 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

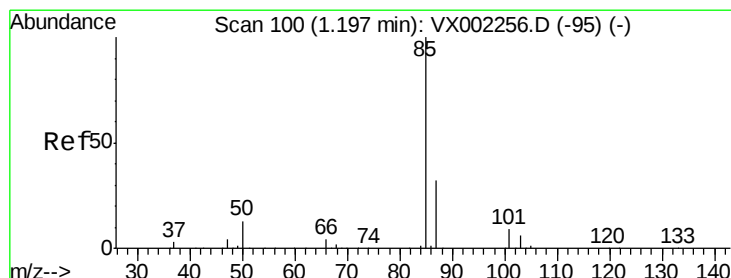
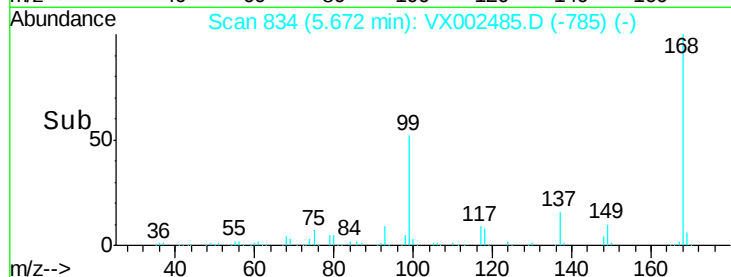
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 18.81 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX002485.D

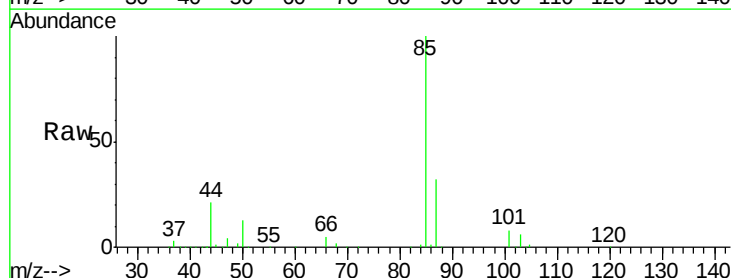
Acq: 13 Jun 2018 00:24

Tgt Ion: 85 Resp: 38125

Ion Ratio Lower Upper

85 100

87 32.4 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

40000

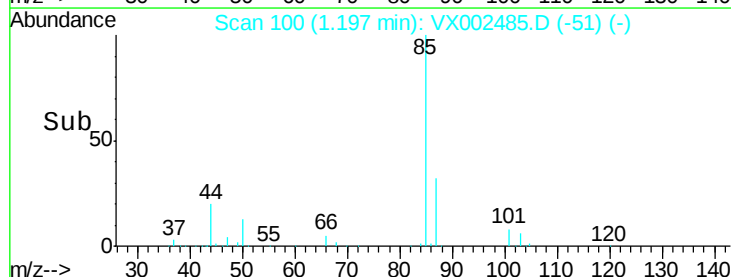
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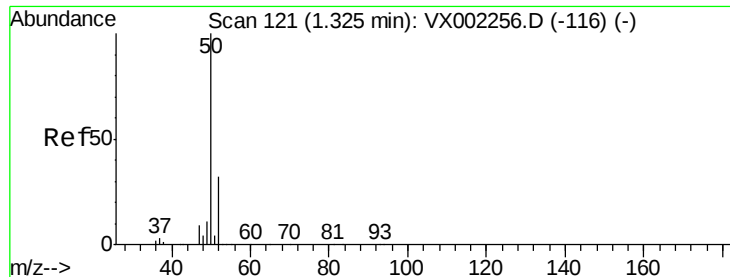
20000

10000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 17.63 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002485.D

Acq: 13 Jun 2018 00:24

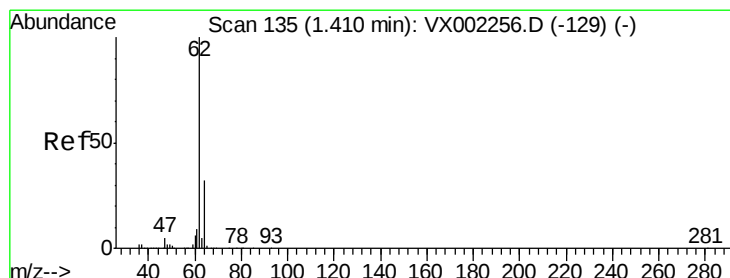
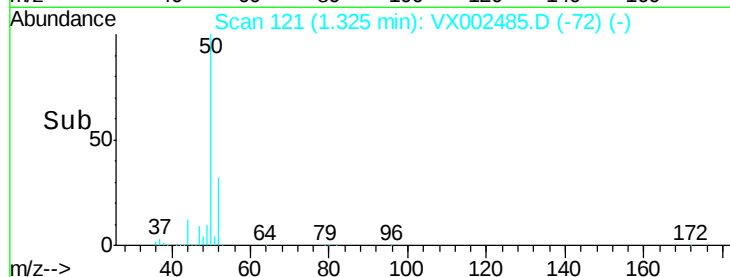
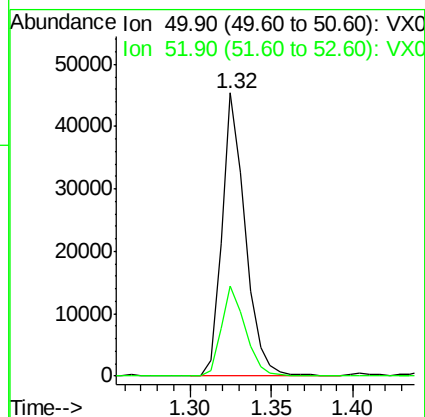
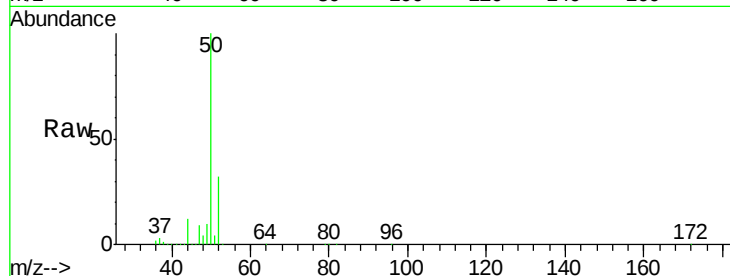
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 50 Resp: 45256

Ion Ratio Lower Upper

50 100

52 32.0 25.7 38.5



#4

Vinyl Chloride

Concen: 20.10 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX002485.D

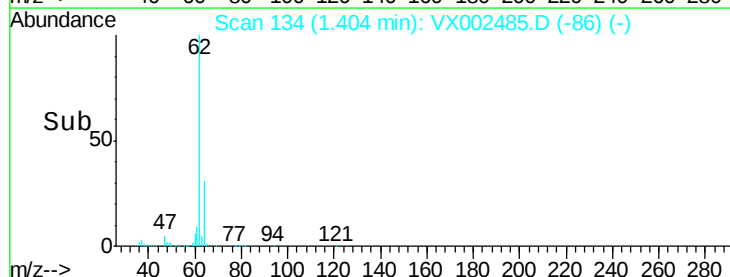
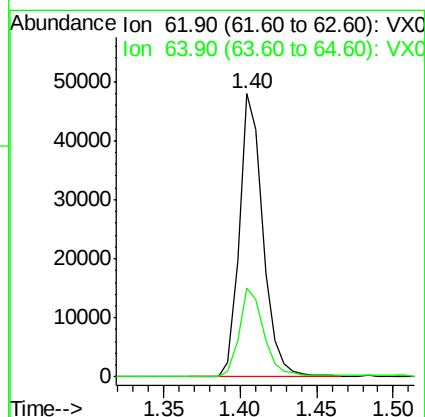
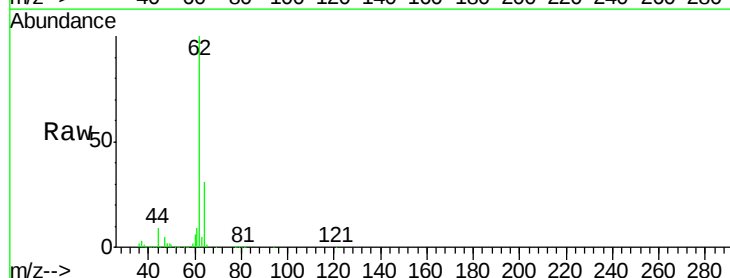
Acq: 13 Jun 2018 00:24

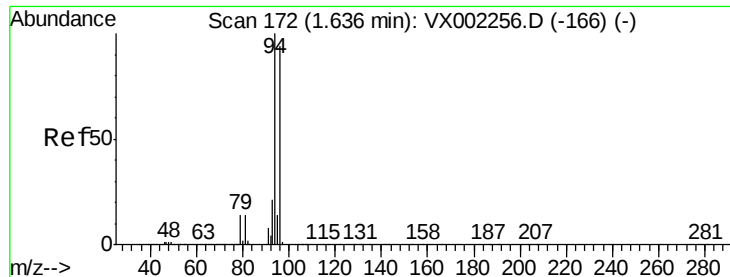
Tgt Ion: 62 Resp: 51345

Ion Ratio Lower Upper

62 100

64 31.1 25.4 38.2





#5

Bromomethane

Concen: 19.07 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002485.D

Acq: 13 Jun 2018 00:24

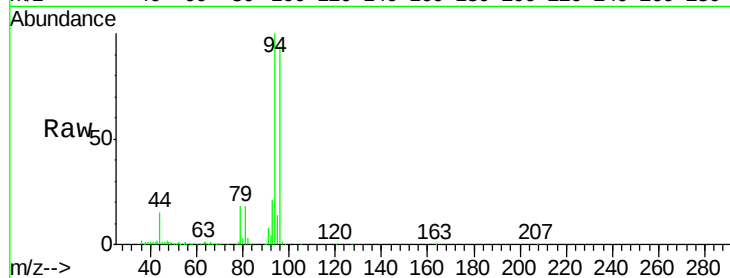
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 94 Resp: 30551

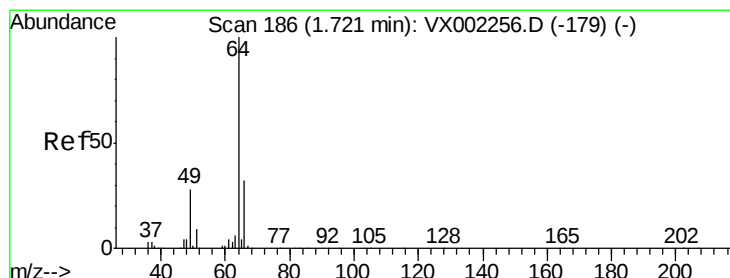
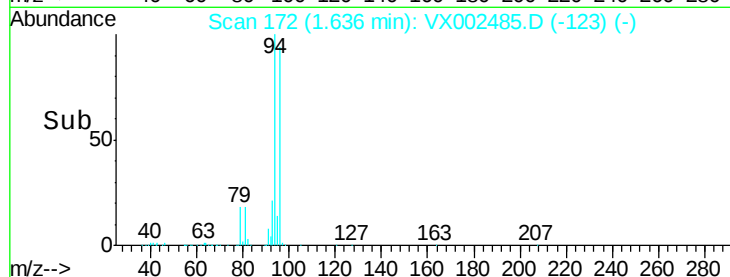
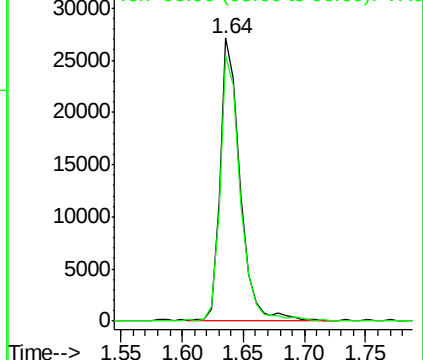
Ion Ratio Lower Upper

94 100

96 93.9 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0
Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 21.37 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX002485.D

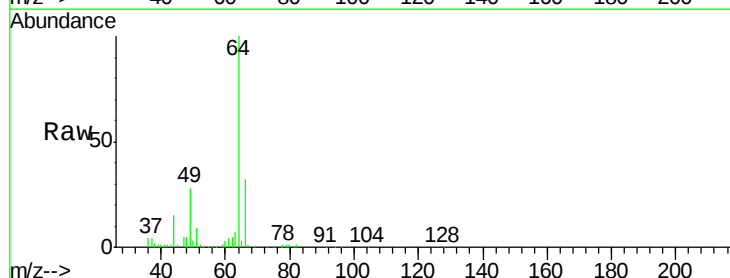
Acq: 13 Jun 2018 00:24

Tgt Ion: 64 Resp: 35306

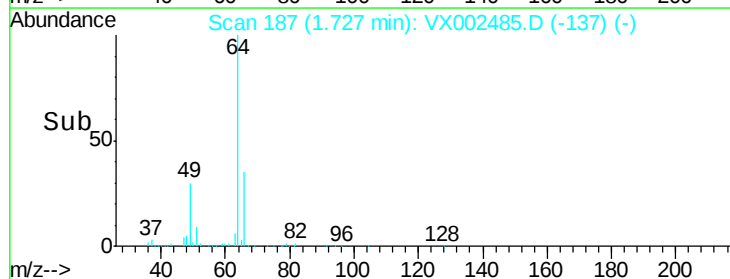
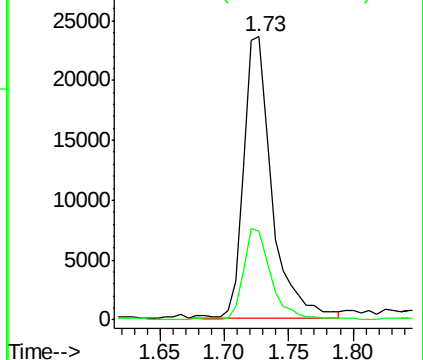
Ion Ratio Lower Upper

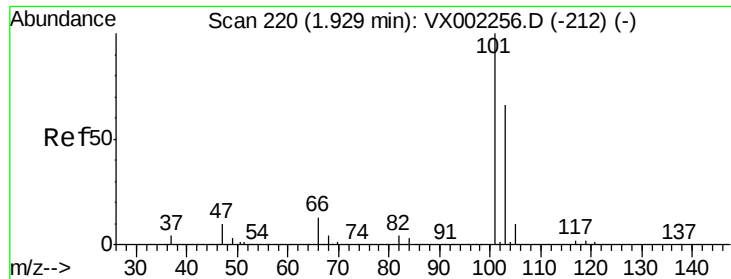
64 100

66 31.4 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0
Ion 65.90 (65.60 to 66.60): VX0



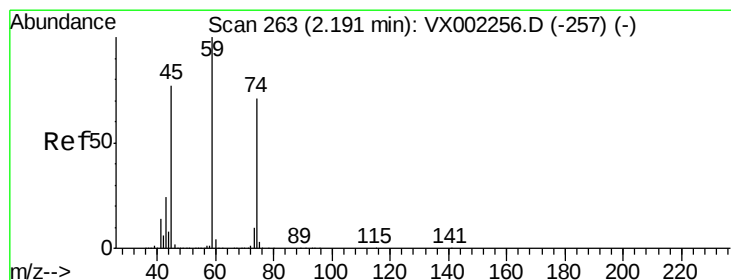
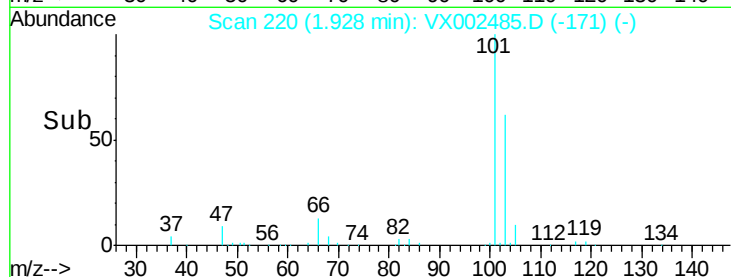
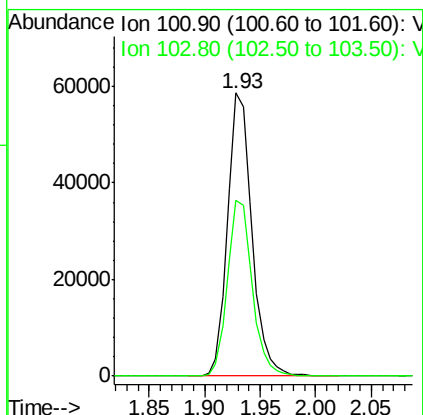
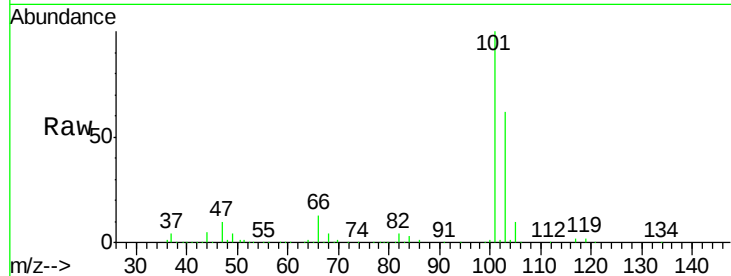


#7

Trichlorofluoromethane
 Concen: 22.84 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. -0.00 min
 Lab File: VX002485.D
 Acq: 13 Jun 2018 00:24

Instrument :
 MSVOA_X
 ClientSampleId :

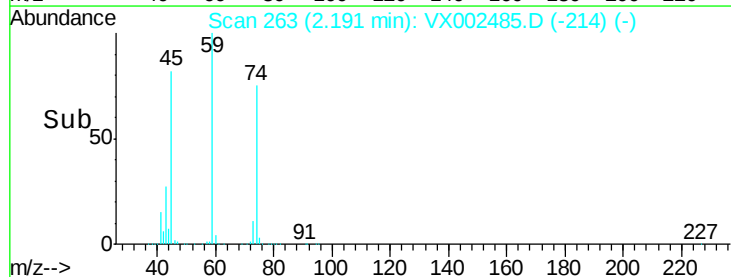
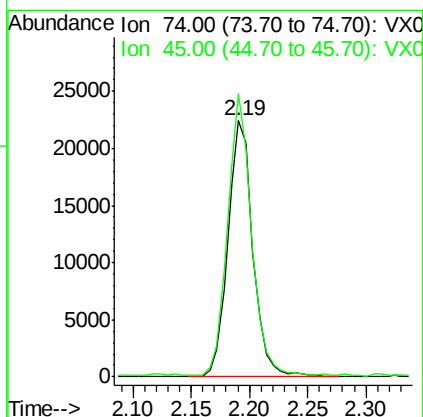
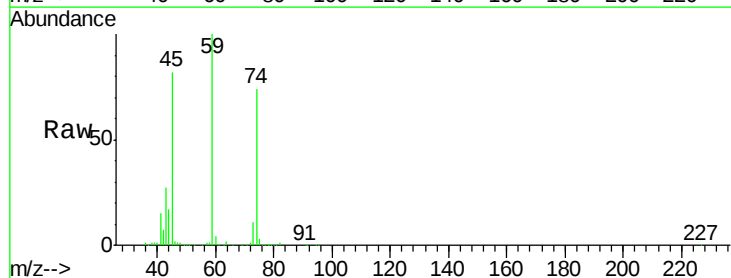
Tot Ion:101 Resp: 88891
 Ion Ratio Lower Upper
 101 100
 103 62.3 52.8 79.2

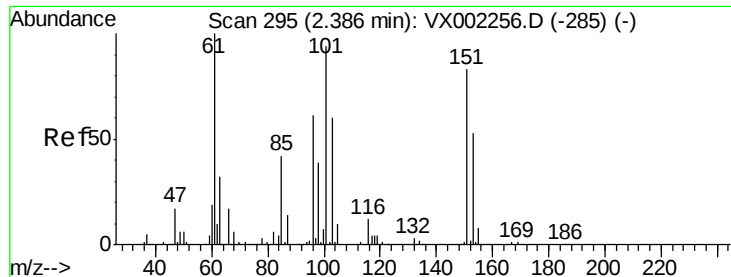


#8

Diethyl Ether
 Concen: 22.91 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX002485.D
 Acq: 13 Jun 2018 00:24

Tgt Ion: 74 Resp: 33477
 Ion Ratio Lower Upper
 74 100
 45 104.3 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 23.89 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX002485.D

Acq: 13 Jun 2018 00:24

Instrument :

MSVOA_X

ClientSampleId :

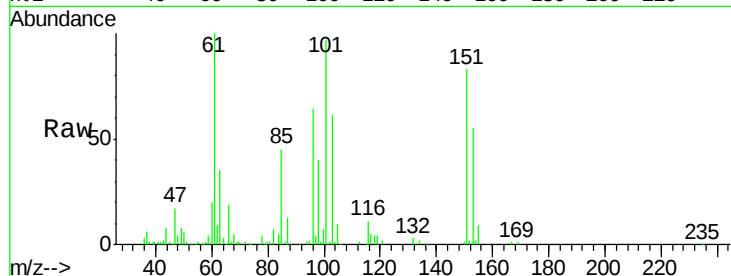
Tot Ion:101 Resp: 50174

Ion Ratio Lower Upper

101 100

85 46.3 36.0 54.0

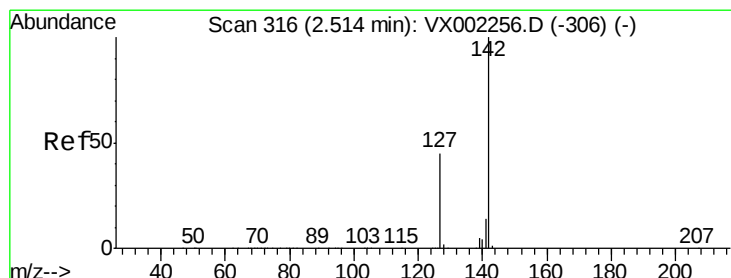
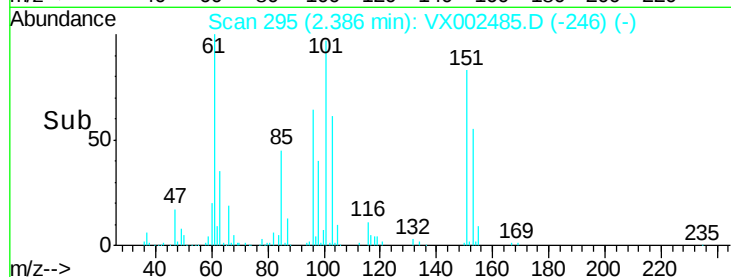
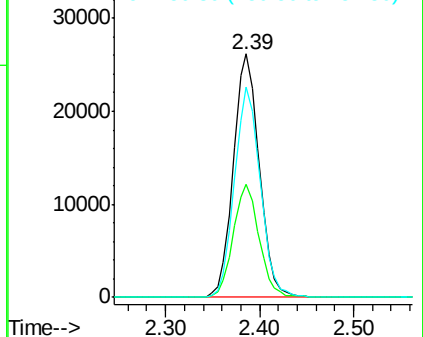
151 86.2 70.9 106.3



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: 16.80 ug/l

RT: 2.51 min Scan# 316

Delta R.T. -0.00 min

Lab File: VX002485.D

Acq: 13 Jun 2018 00:24

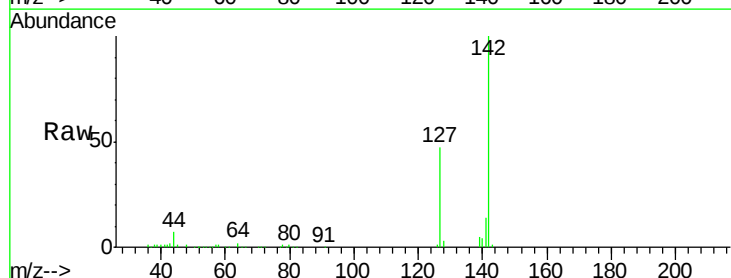
Tgt Ion:142 Resp: 49630

Ion Ratio Lower Upper

142 100

127 46.3 36.6 55.0

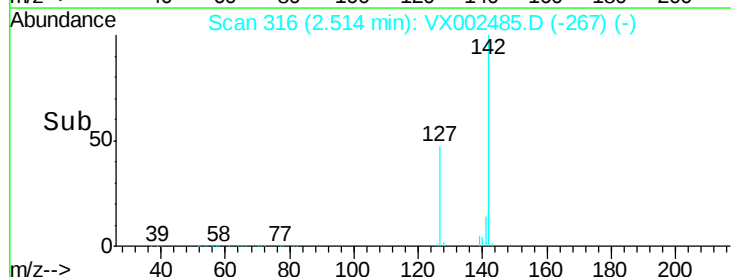
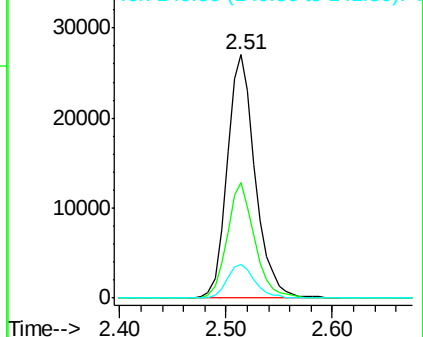
141 14.1 11.3 16.9

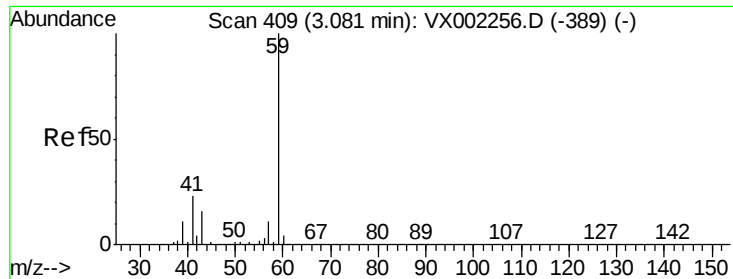


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

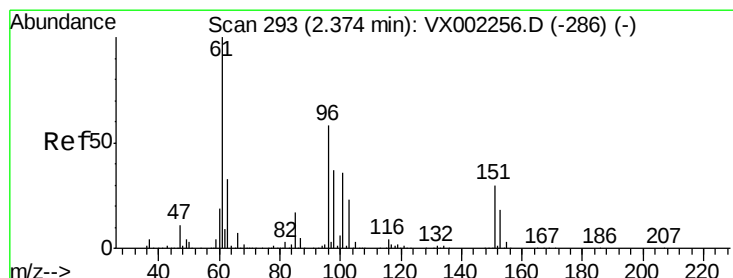
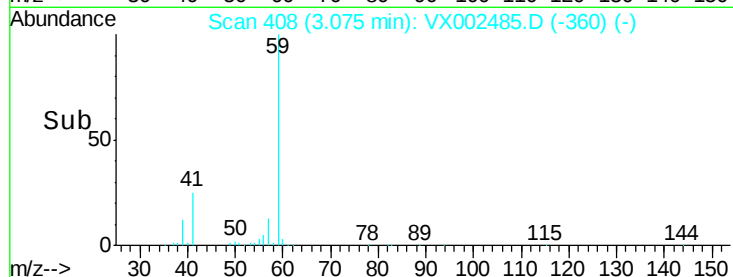
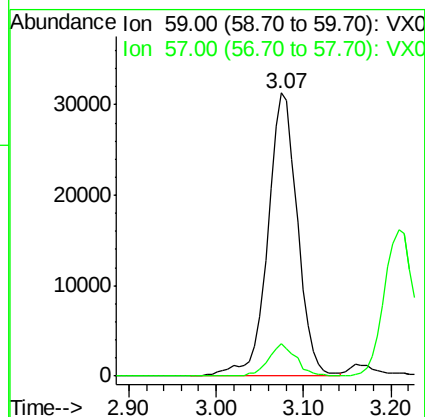
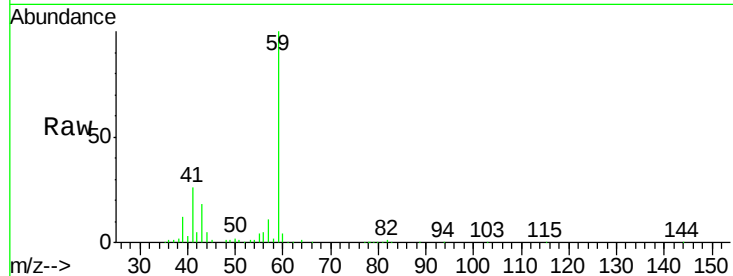




#11
Tert butyl alcohol
Concen: 118.89 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX002485.D
Acq: 13 Jun 2018 00:24

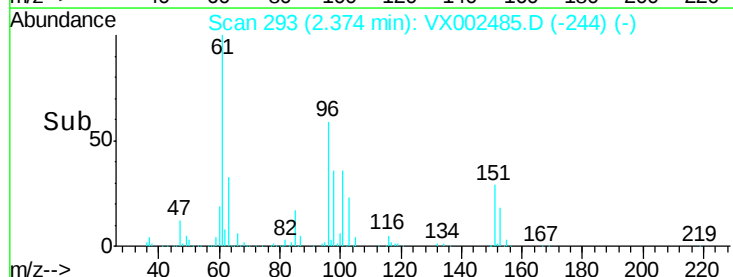
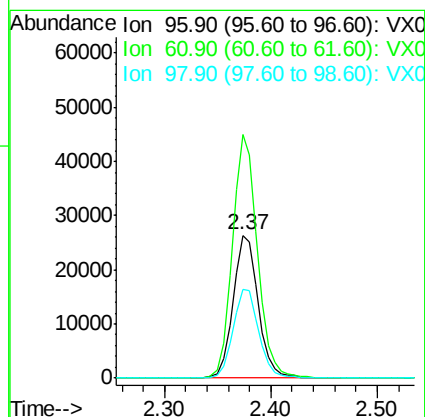
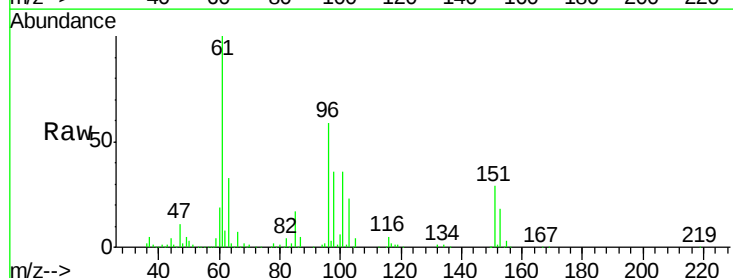
Instrument :
MSVOA_X
ClientSampled :

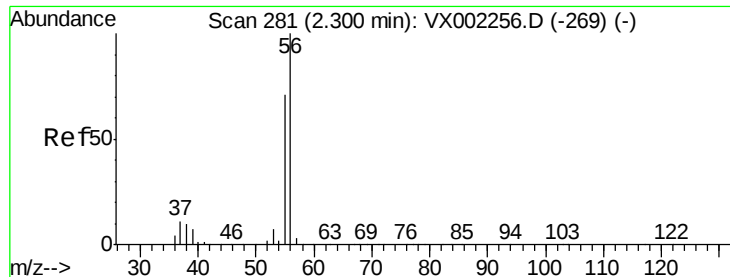
Tot Ion: 59 Resp: 73872
Ion Ratio Lower Upper
59 100
57 10.8 8.2 12.2



#12
1,1-Dichloroethene
Concen: 20.99 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX002485.D
Acq: 13 Jun 2018 00:24

Tgt Ion: 96 Resp: 43578
Ion Ratio Lower Upper
96 100
61 170.5 137.9 206.9
98 62.0 51.6 77.4





#13

Acrolein

Concen: 81.63 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX002485.D

Acq: 13 Jun 2018 00:24

Instrument :

MSVOA_X

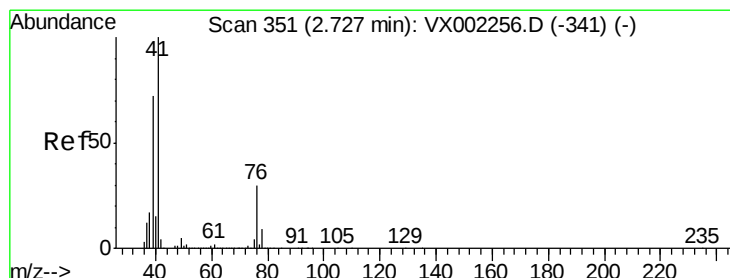
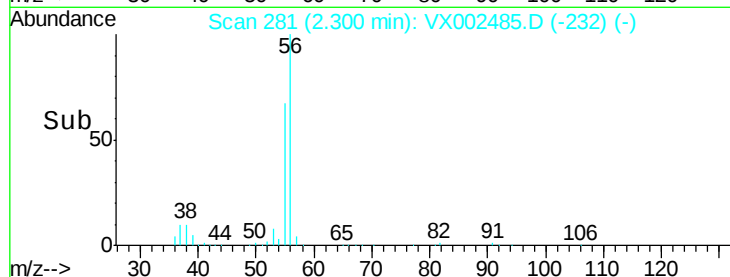
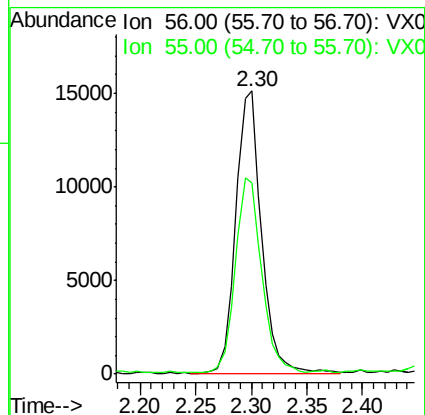
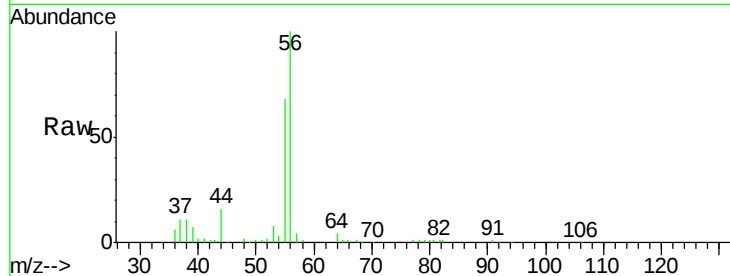
ClientSampleId :

Tot Ion: 56 Resp: 24418

Ion Ratio Lower Upper

56 100

55 69.3 57.0 85.4



#14

Allyl chloride

Concen: 19.38 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002485.D

Acq: 13 Jun 2018 00:24

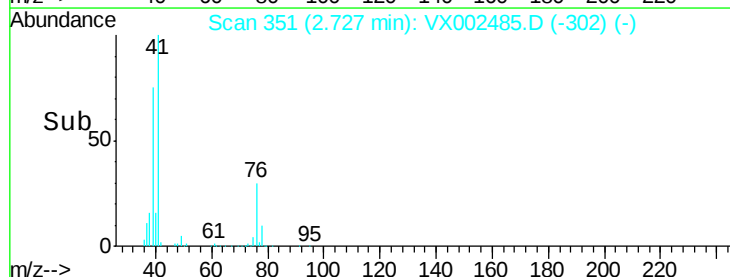
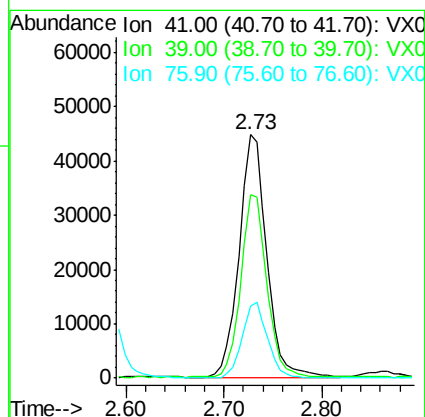
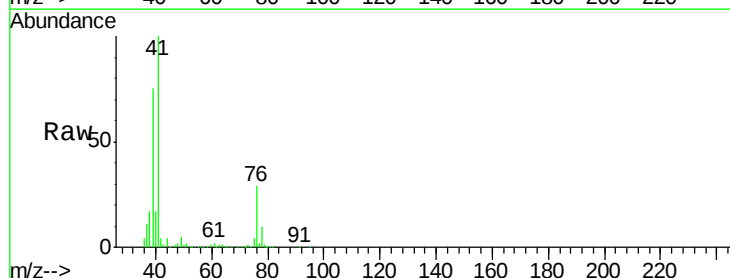
Tgt Ion: 41 Resp: 87282

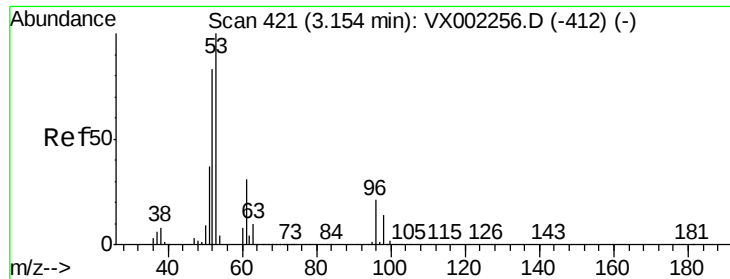
Ion Ratio Lower Upper

41 100

39 70.7 56.8 85.2

76 28.2 23.8 35.8





#15

Acrylonitrile

Concen: 120.64 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002485.D

Acq: 13 Jun 2018 00:24

Instrument :

MSVOA_X

ClientSampleId :

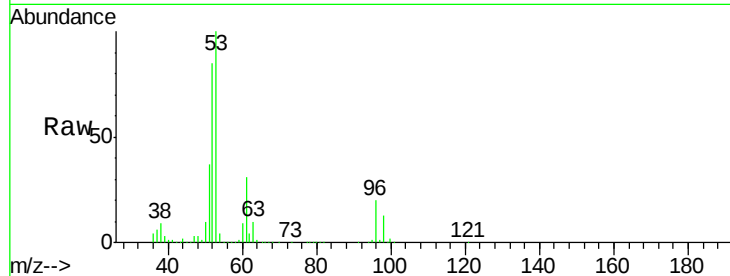
Tot Ion: 53 Resp: 149105

Ion Ratio Lower Upper

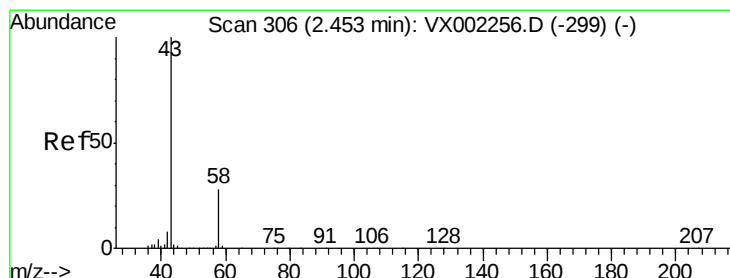
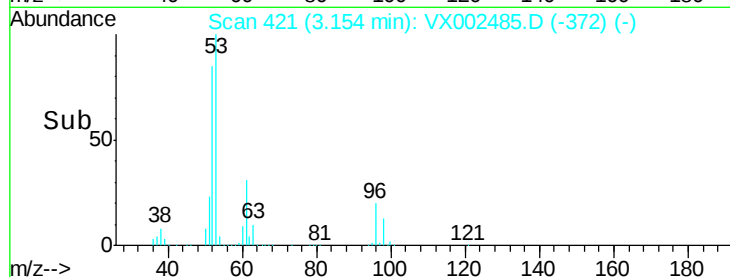
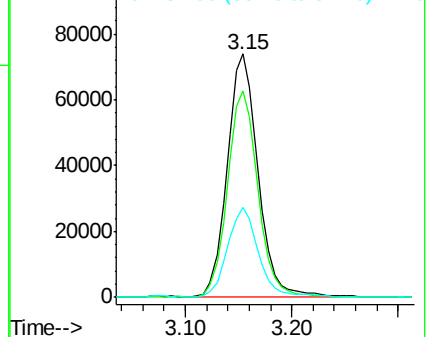
53 100

52 84.0 66.7 100.1

51 37.0 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 109.02 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002485.D

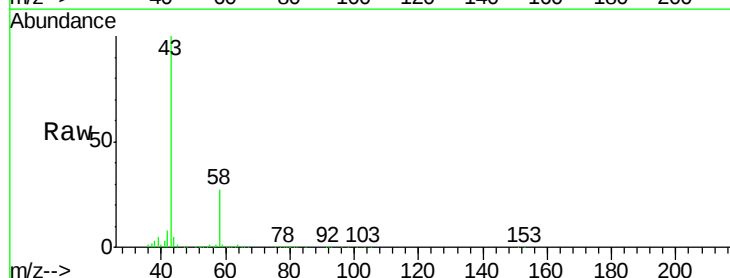
Acq: 13 Jun 2018 00:24

Tgt Ion: 43 Resp: 143691

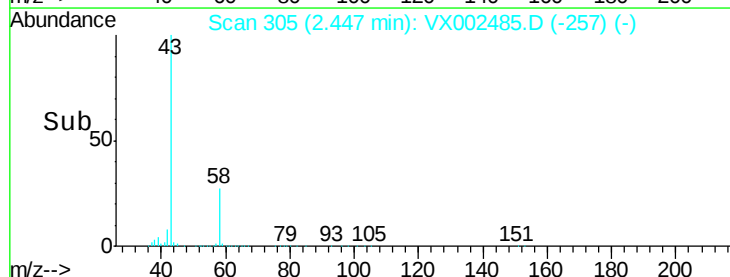
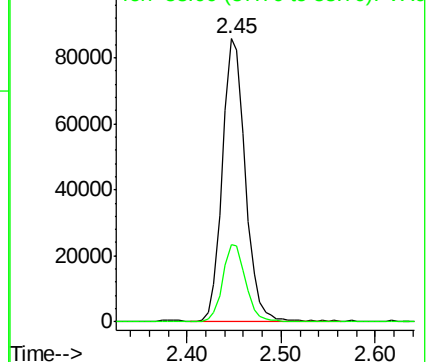
Ion Ratio Lower Upper

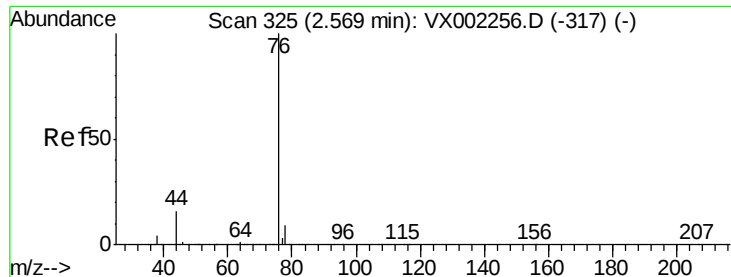
43 100

58 27.3 22.1 33.1



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

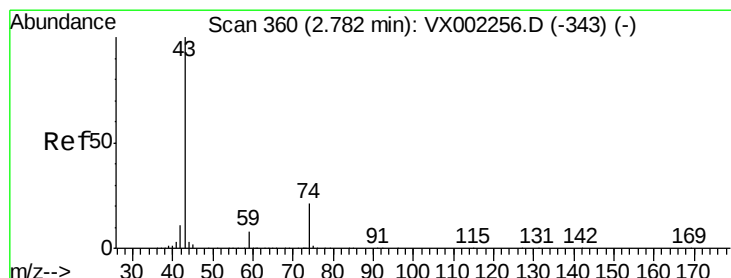
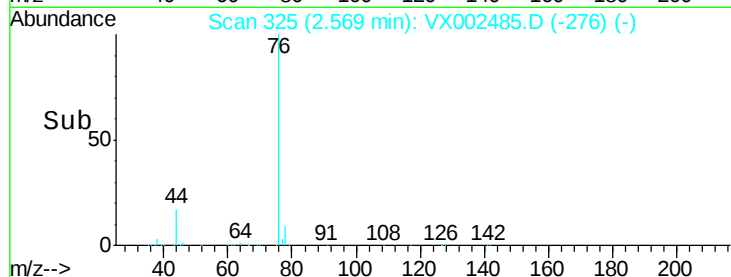
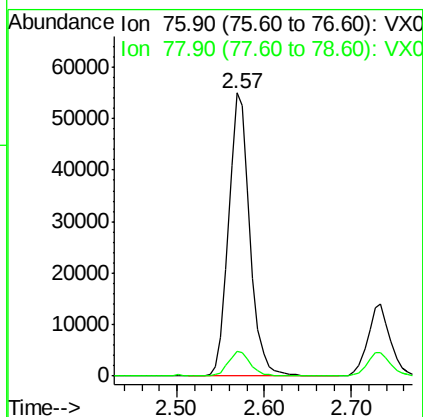
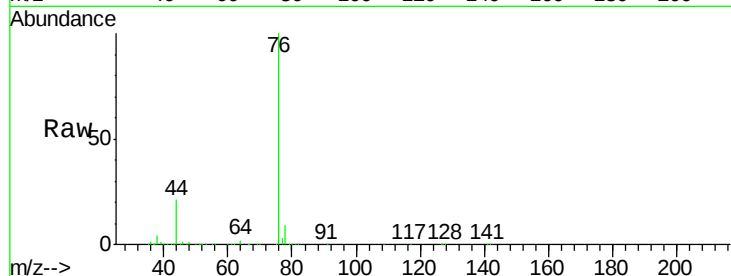




#17
Carbon Disulfide
Concen: 16.94 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX002485.D
Acq: 13 Jun 2018 00:24

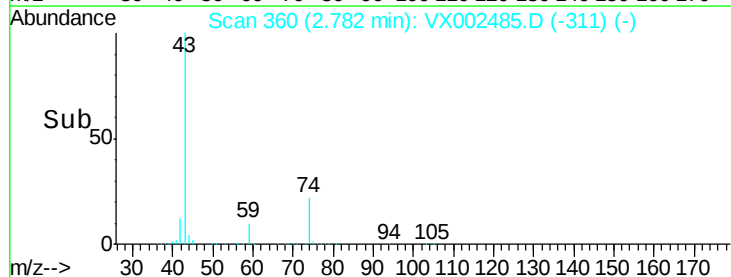
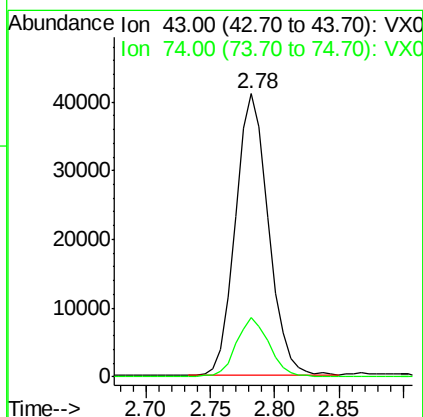
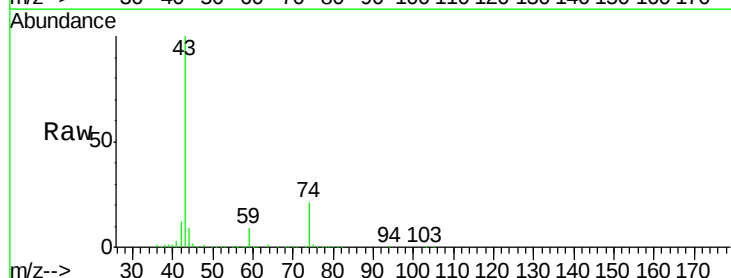
Instrument :
MSVOA_X
ClientSampleId :

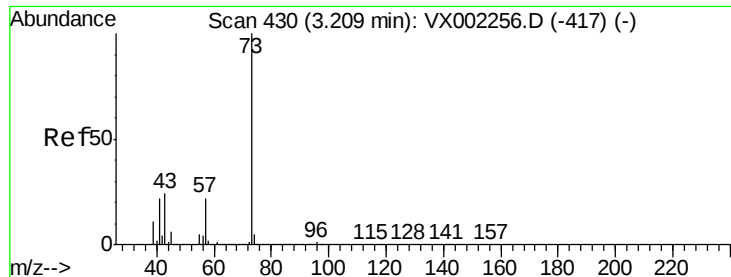
Tot Ion: 76 Resp: 92679
Ion Ratio Lower Upper
76 100
78 8.6 6.9 10.3



#18
Methyl Acetate
Concen: 24.51 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX002485.D
Acq: 13 Jun 2018 00:24

Tgt Ion: 43 Resp: 72319
Ion Ratio Lower Upper
43 100
74 21.5 16.7 25.1



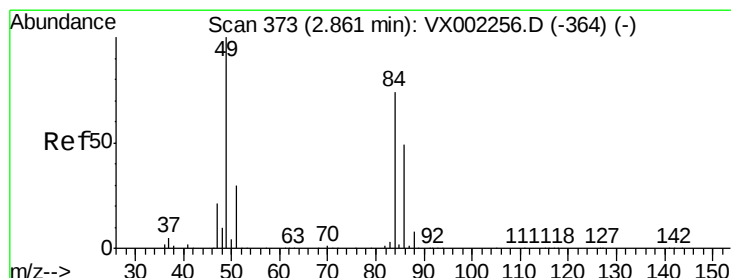
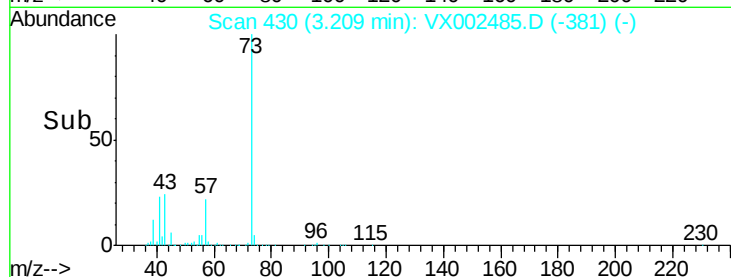
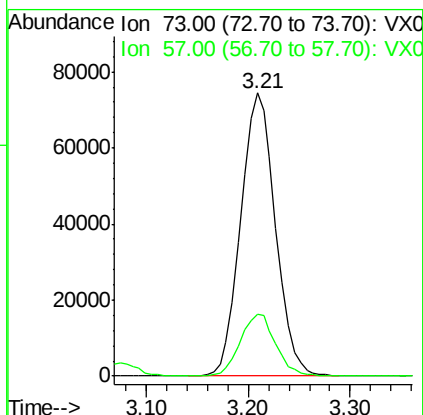
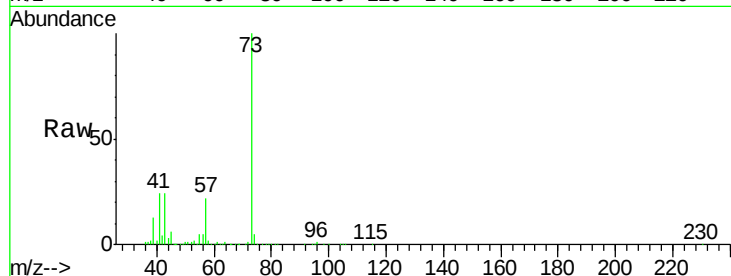


#19

Methyl tert-butyl Ether
 Concen: 23.08 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. 0.00 min
 Lab File: VX002485.D
 Acq: 13 Jun 2018 00:24

Instrument :
 MSVOA_X
 ClientSampleId :

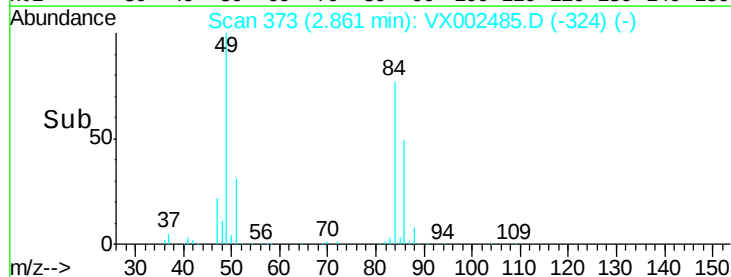
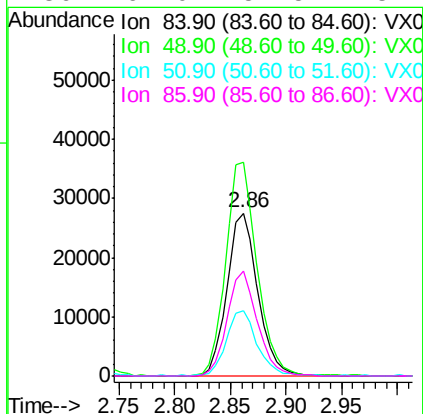
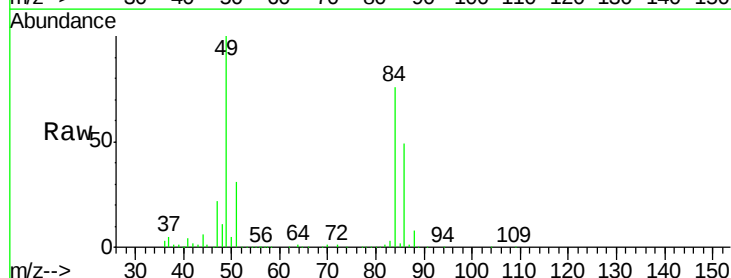
Tot Ion: 73 Resp: 176114
 Ion Ratio Lower Upper
 73 100
 57 21.7 17.7 26.5

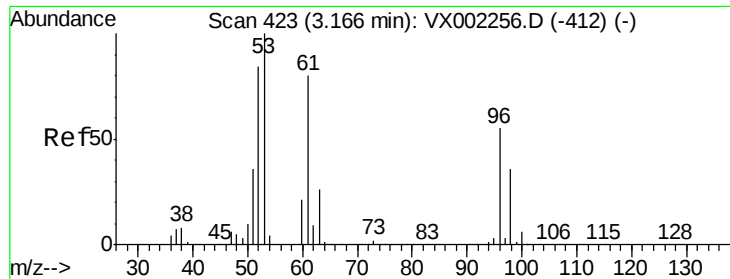


#20

Methylene Chloride
 Concen: 22.48 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. 0.00 min
 Lab File: VX002485.D
 Acq: 13 Jun 2018 00:24

Tgt Ion: 84 Resp: 52923
 Ion Ratio Lower Upper
 84 100
 49 130.6 107.8 161.6
 51 39.8 32.8 49.2
 86 64.0 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 20.45 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002485.D

Acq: 13 Jun 2018 00:24

Instrument :

MSVOA_X

ClientSampled :

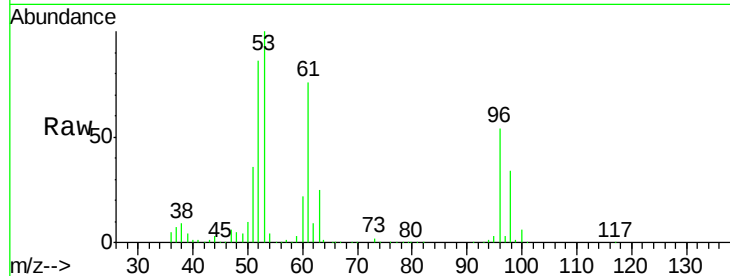
Tot Ion: 96 Resp: 46816

Ion Ratio Lower Upper

96 100

61 139.9 117.0 175.4

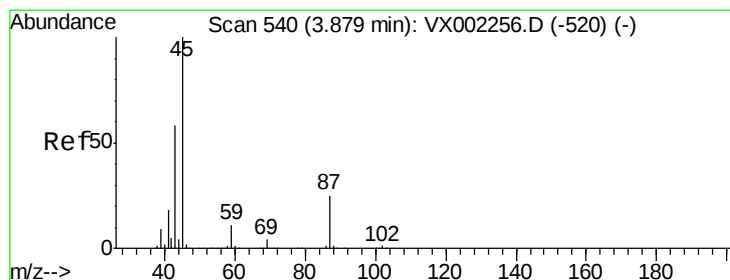
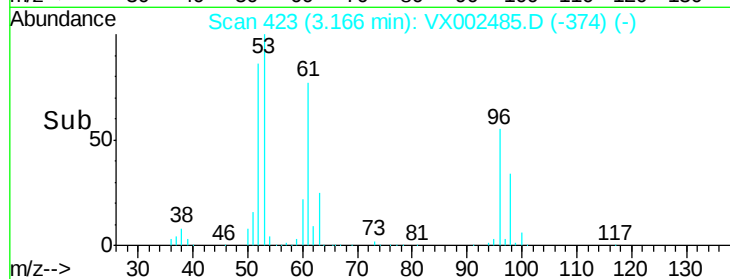
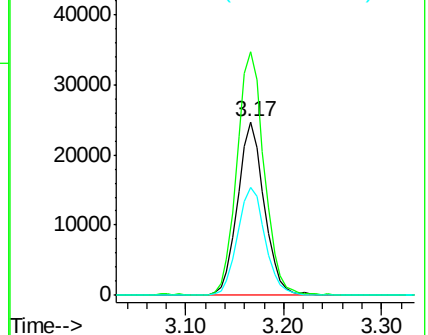
98 61.9 52.4 78.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 19.95 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX002485.D

Acq: 13 Jun 2018 00:24

Tgt Ion: 45 Resp: 156878

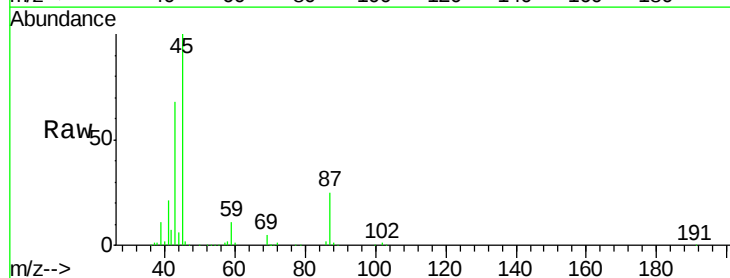
Ion Ratio Lower Upper

45 100

43 67.8 46.8 70.2

87 25.3 20.2 30.4

59 11.1 8.7 13.1

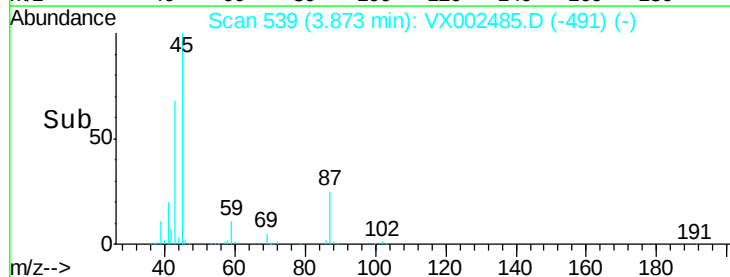
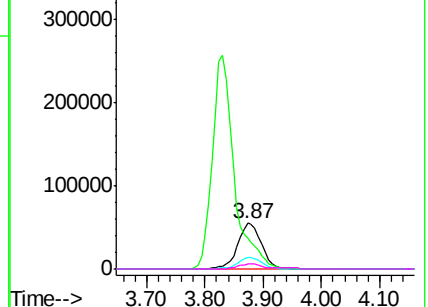


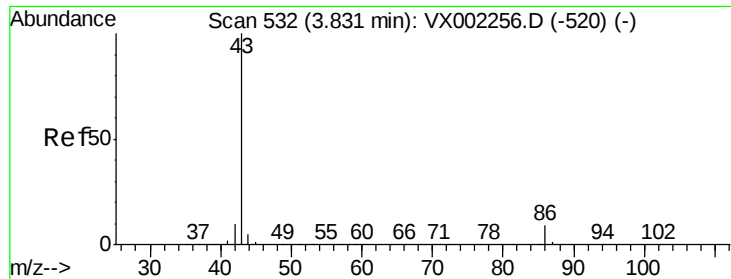
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 91.11 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX002485.D

Acq: 13 Jun 2018 00:24

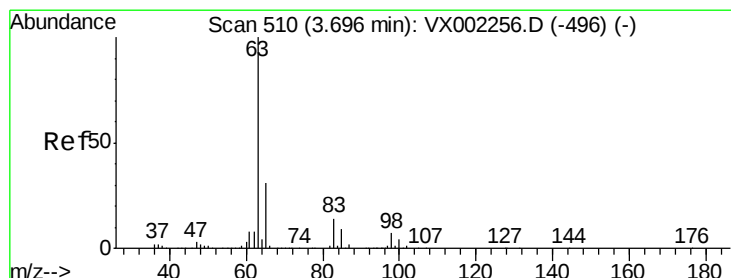
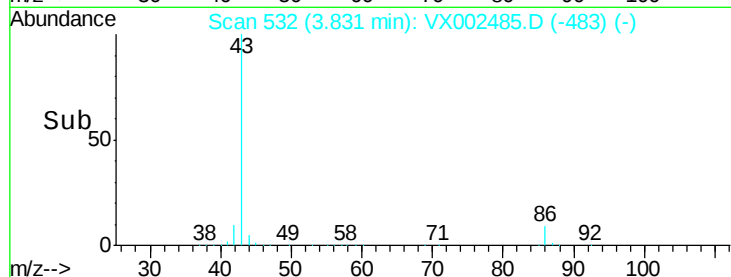
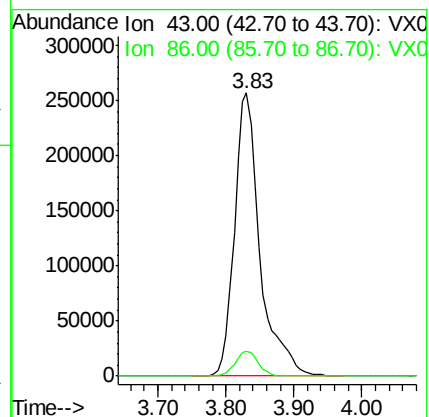
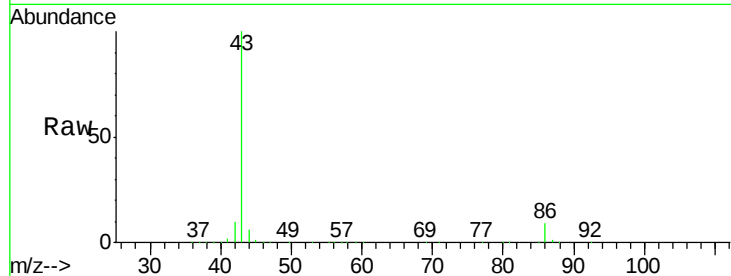
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 665351

Ion Ratio Lower Upper

43 100

86 8.8 7.4 11.0



#24

1,1-Dichloroethane

Concen: 20.65 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX002485.D

Acq: 13 Jun 2018 00:24

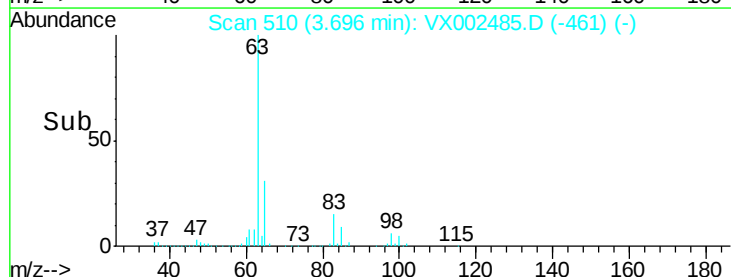
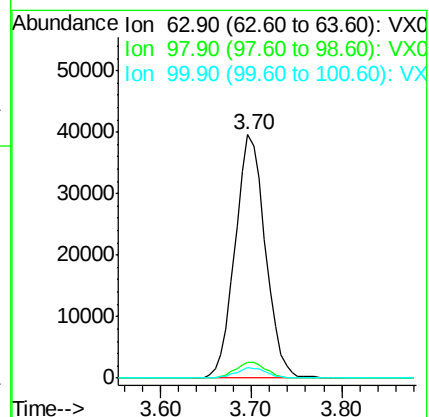
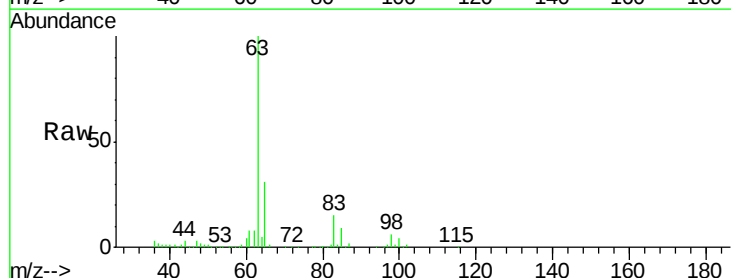
Tgt Ion: 63 Resp: 91937

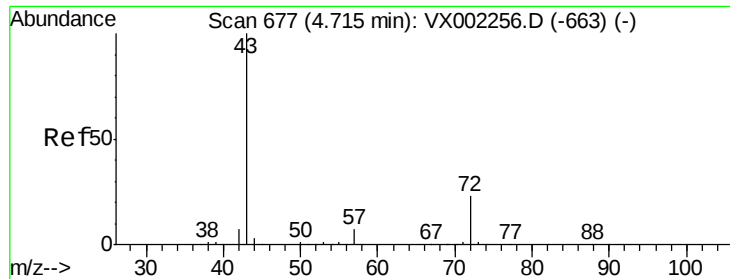
Ion Ratio Lower Upper

63 100

98 6.4 3.4 10.2

100 4.5 2.0 6.0





#25

2-Butanone

Concen: 96.47 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX002485.D

Acq: 13 Jun 2018 00:24

Instrument :

MSVOA_X

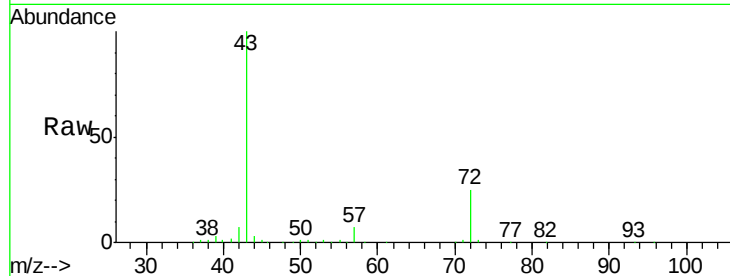
ClientSampleId :

Tot Ion: 43 Resp: 184425

Ion Ratio Lower Upper

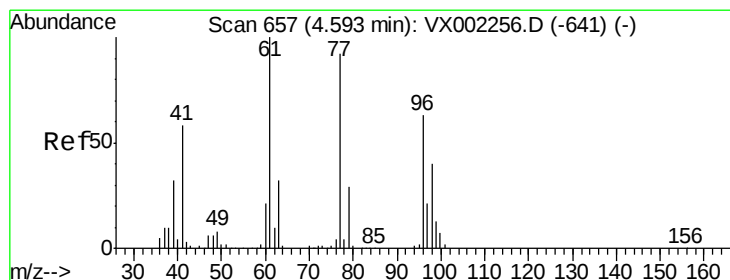
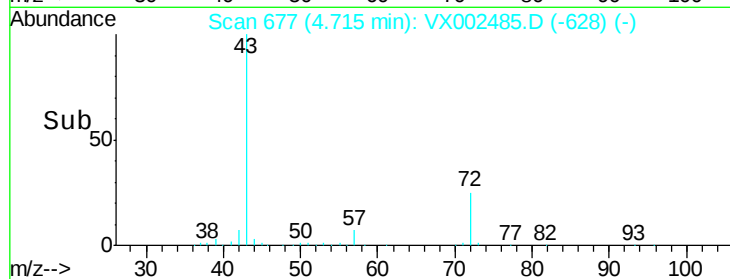
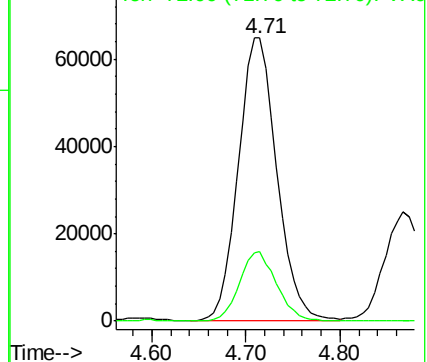
43 100

72 24.7 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 13.56 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX002485.D

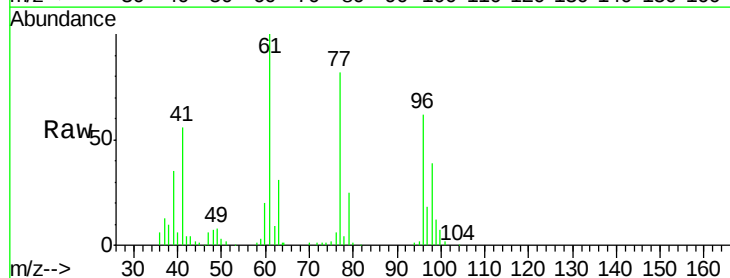
Acq: 13 Jun 2018 00:24

Tgt Ion: 77 Resp: 47193

Ion Ratio Lower Upper

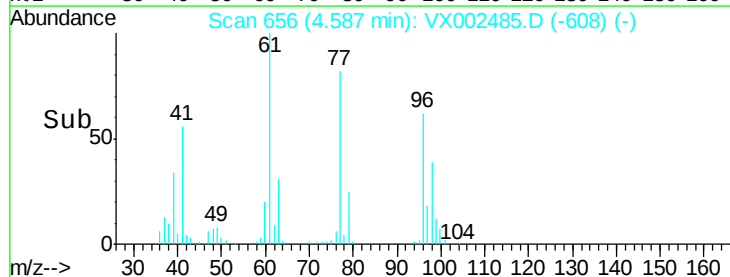
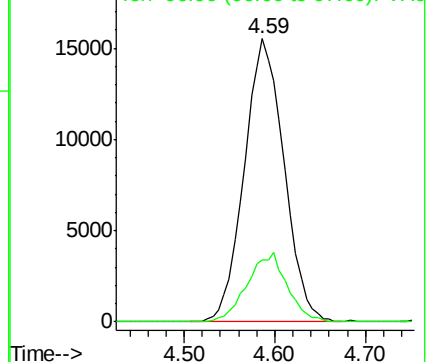
77 100

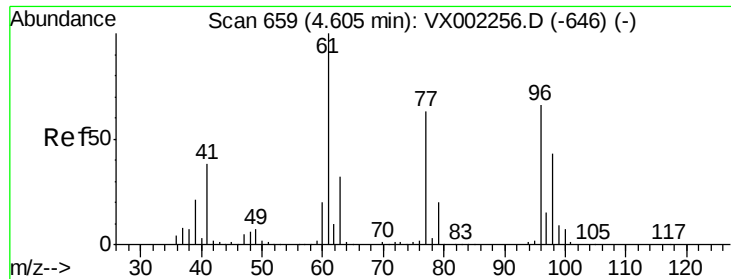
97 24.3 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 18.92 ug/l

RT: 4.60 min Scan# 659

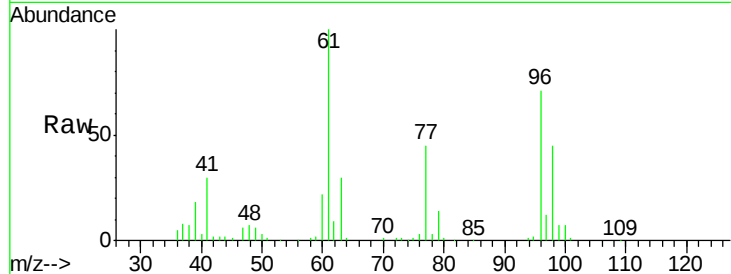
Delta R.T. -0.00 min

Lab File: VX002485.D

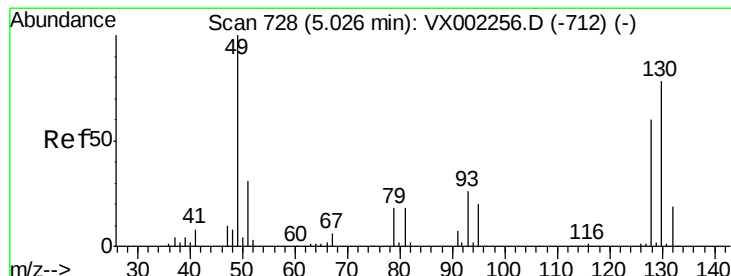
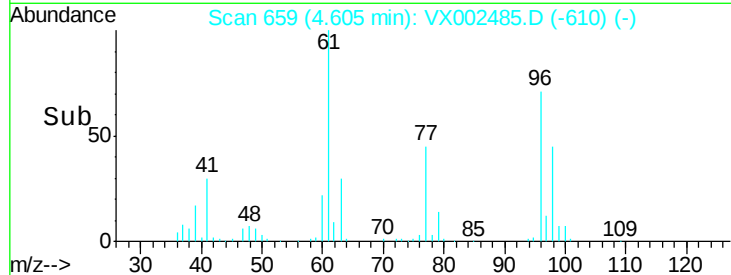
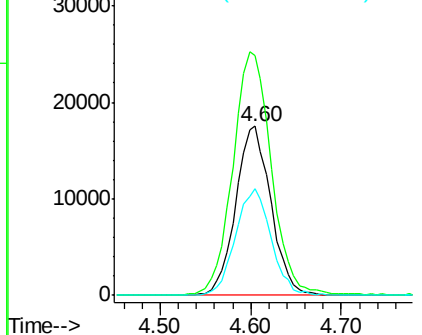
Acq: 13 Jun 2018 00:24

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 96 Resp: 47101
Ion Ratio Lower Upper
96 100
61 157.7 0.0 330.2
98 63.8 0.0 130.2



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



#28

Bromochloromethane

Concen: 19.80 ug/l

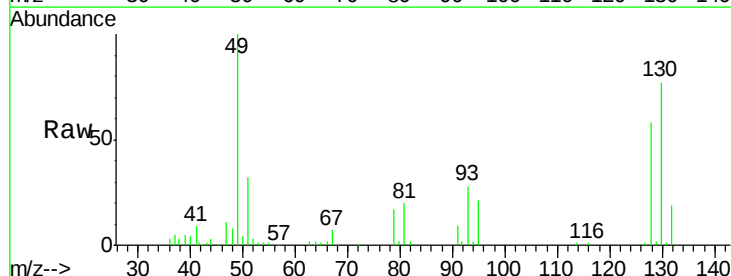
RT: 5.03 min Scan# 728

Delta R.T. 0.00 min

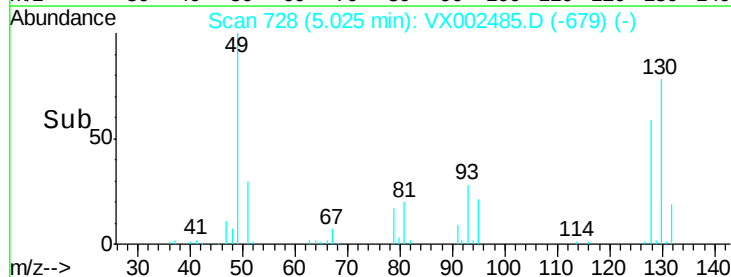
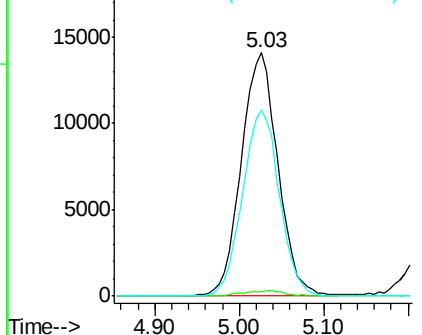
Lab File: VX002485.D

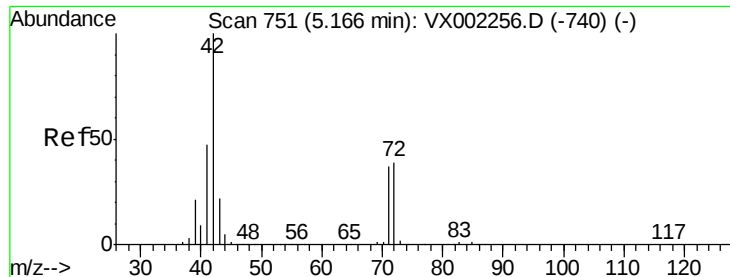
Acq: 13 Jun 2018 00:24

Tgt Ion: 49 Resp: 41567
Ion Ratio Lower Upper
49 100
129 2.4 0.0 4.2
130 76.7 61.2 91.8



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

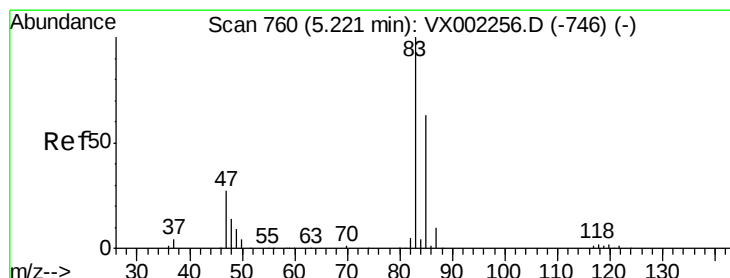
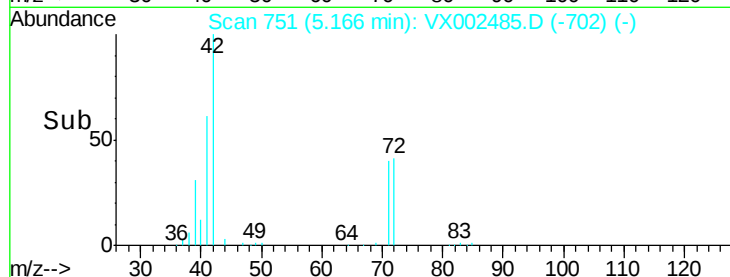
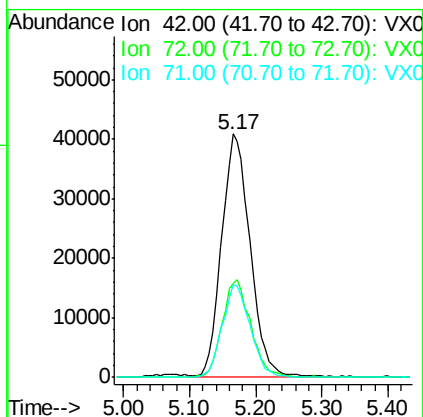
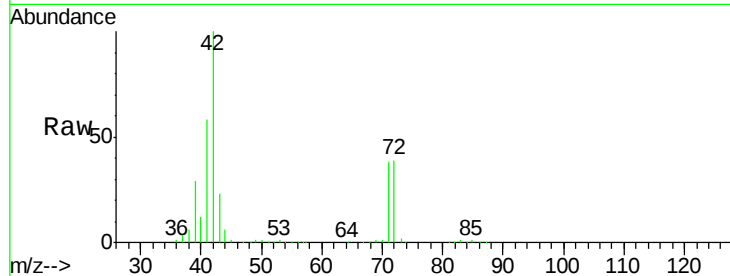




#29
Tetrahydrofuran
Concen: 98.56 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.00 min
Lab File: VX002485.D
Acq: 13 Jun 2018 00:24

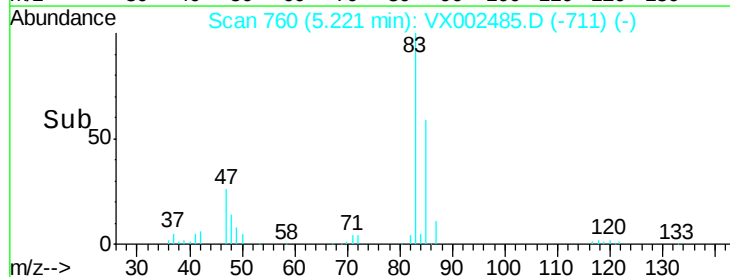
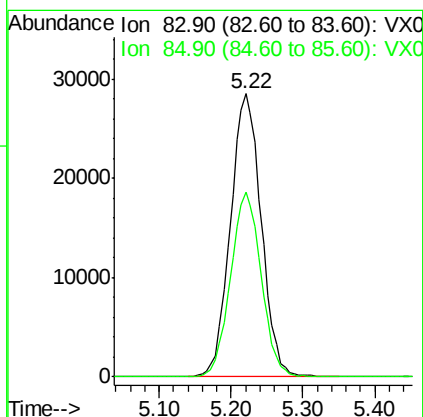
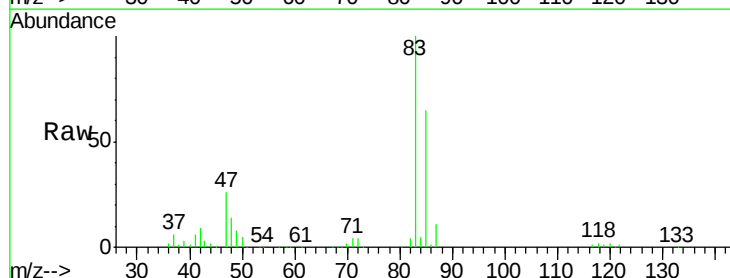
Instrument :
MSVOA_X
ClientSampleId :

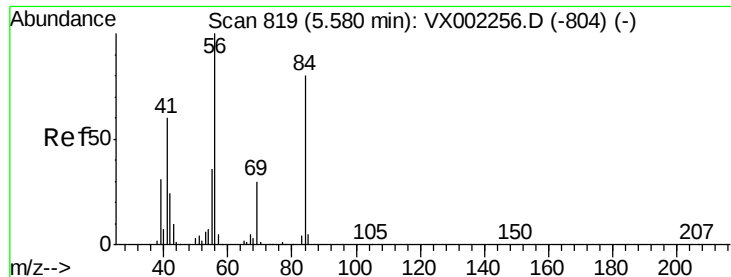
Tot Ion: 42 Resp: 121486
Ion Ratio Lower Upper
42 100
72 40.3 32.0 48.0
71 37.8 30.1 45.1



#30
Chloroform
Concen: 19.68 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX002485.D
Acq: 13 Jun 2018 00:24

Tgt Ion: 83 Resp: 84553
Ion Ratio Lower Upper
83 100
85 65.1 50.4 75.6





#31

Cyclohexane

Concen: 18.99 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX002485.D

Acq: 13 Jun 2018 00:24

Instrument :

MSVOA_X

ClientSampleId :

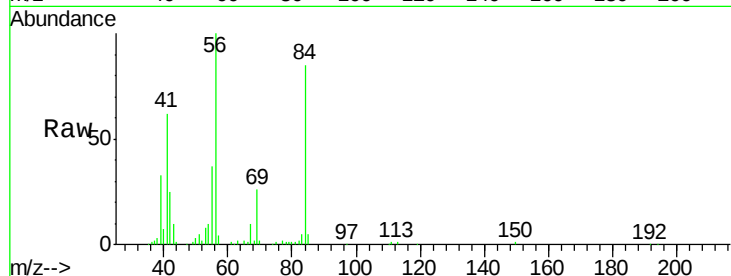
Tot Ion: 56 Resp: 66842

Ion Ratio Lower Upper

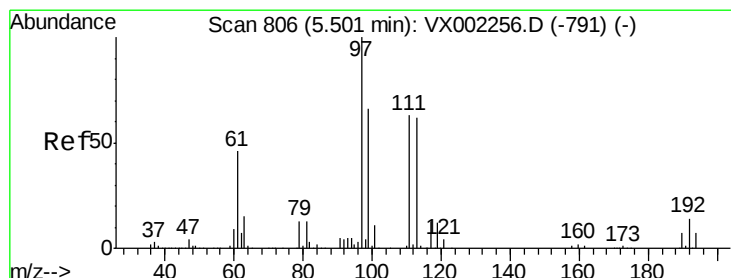
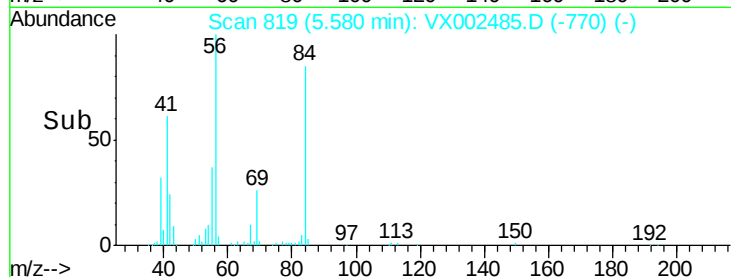
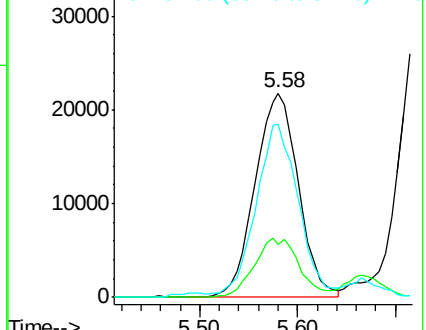
56 100

69 26.1 23.7 35.5

84 82.8 64.1 96.1



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



#32

1,1,1-Trichloroethane

Concen: 19.22 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX002485.D

Acq: 13 Jun 2018 00:24

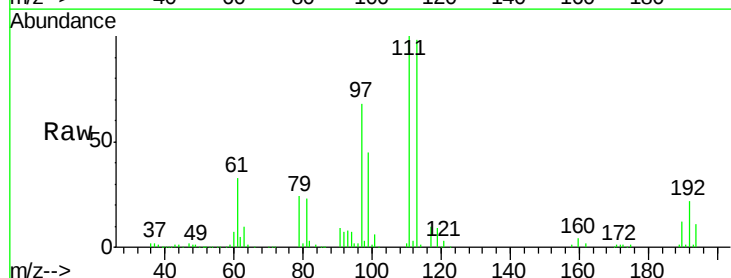
Tgt Ion: 97 Resp: 70010

Ion Ratio Lower Upper

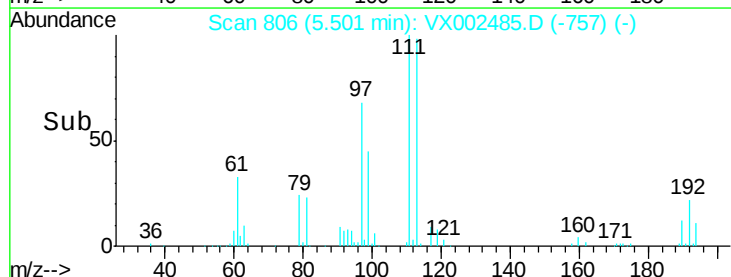
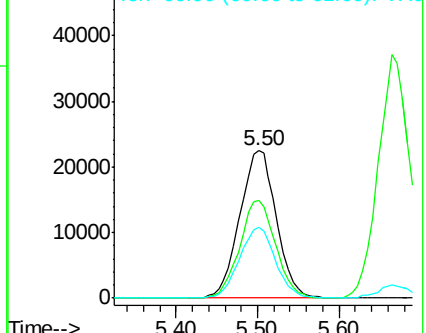
97 100

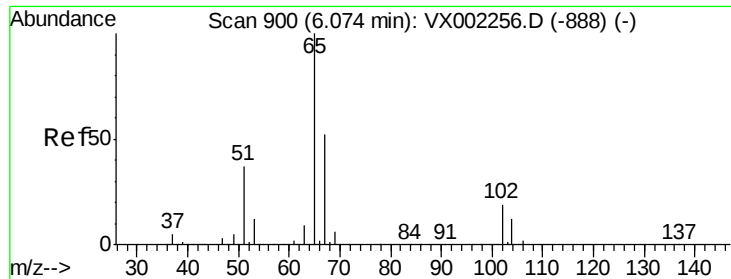
99 65.1 51.6 77.4

61 47.4 36.4 54.6



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

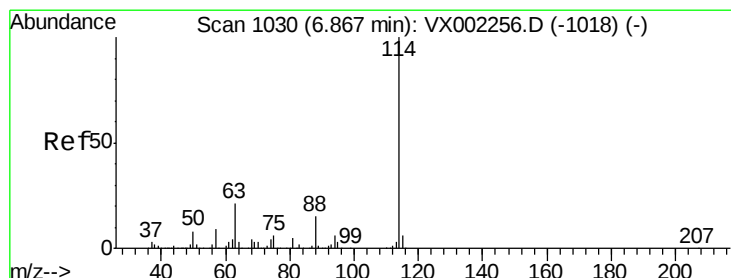
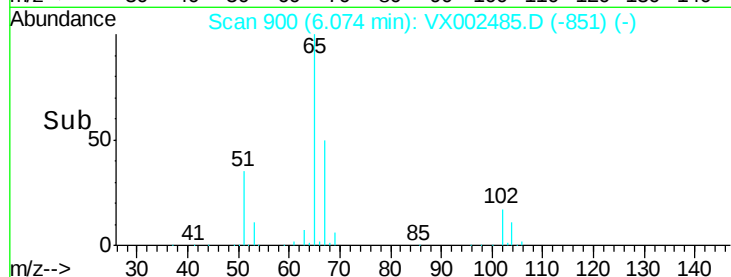
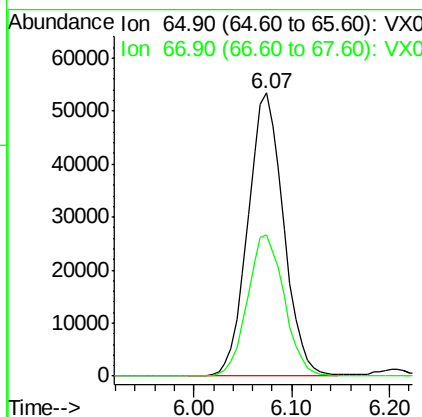
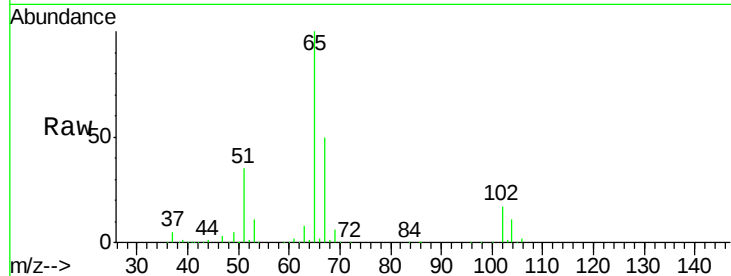




#33
 1,2-Dichloroethane-d4
 Concen: 48.61 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX002485.D
 Acq: 13 Jun 2018 00:24

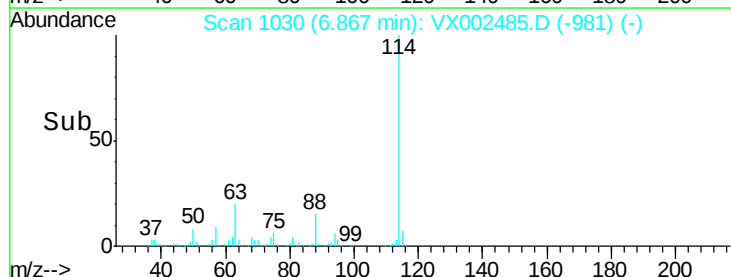
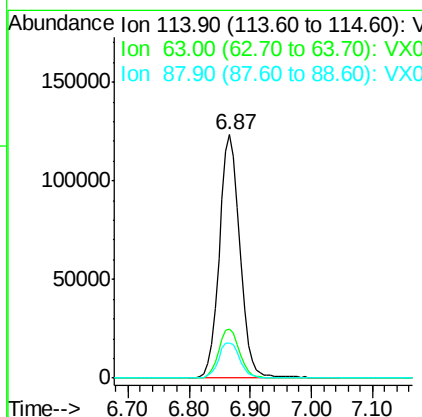
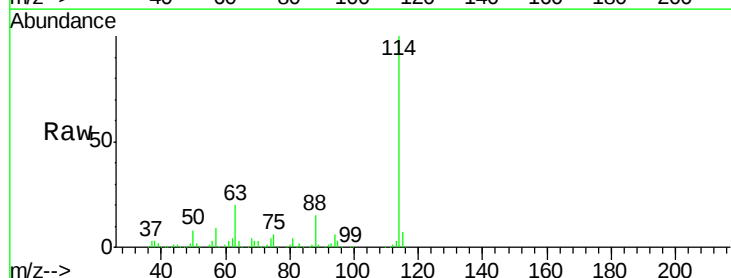
Instrument :
 MSVOA_X
 ClientSampled :

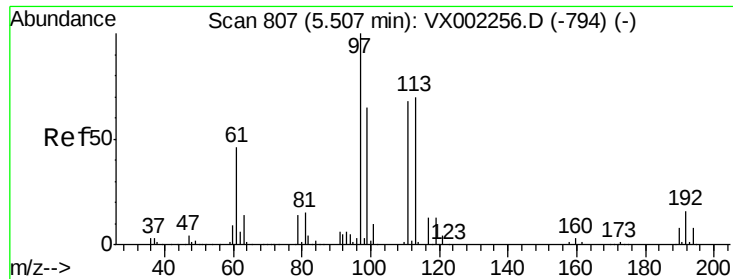
Tot Ion: 65 Resp: 135808
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002485.D
 Acq: 13 Jun 2018 00:24

Tgt Ion: 114 Resp: 290030
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 41.4
 88 14.6 0.0 30.0

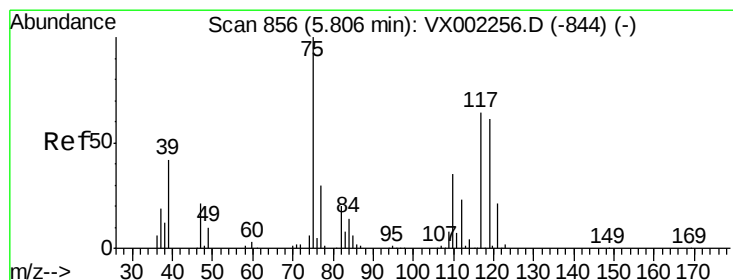
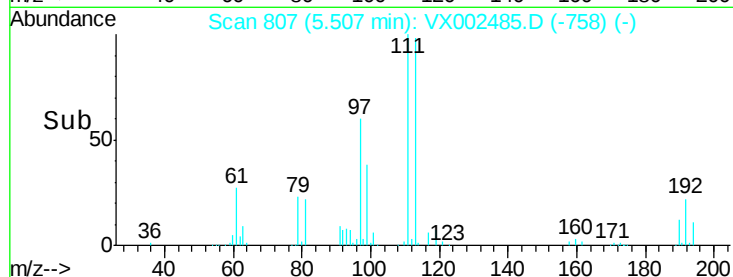
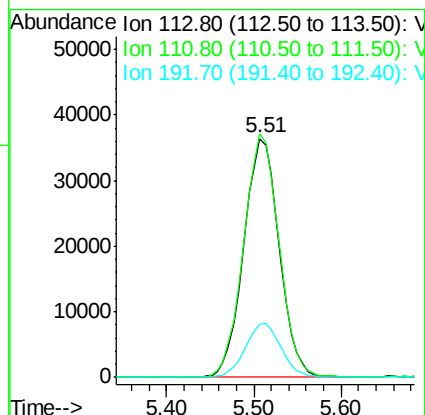
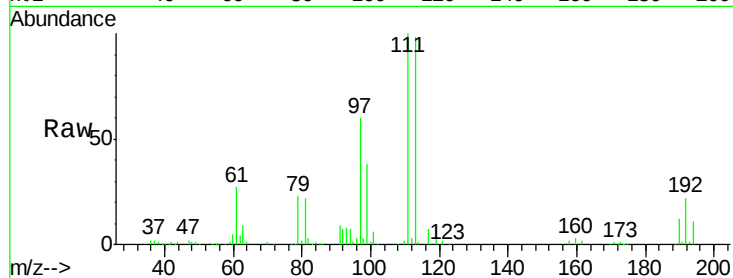




#35
 Dibromofluoromethane
 Concen: 44.99 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX002485.D
 Acq: 13 Jun 2018 00:24

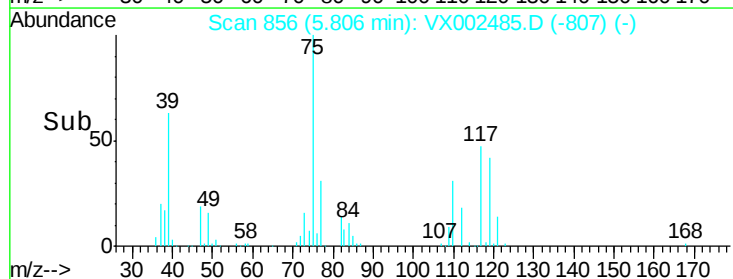
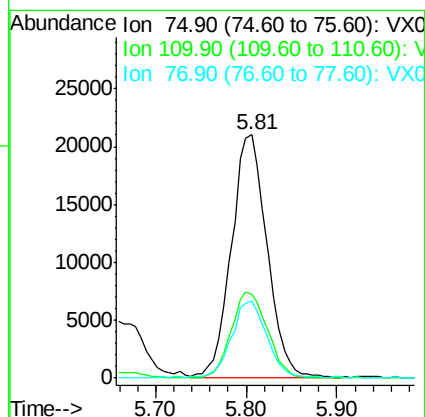
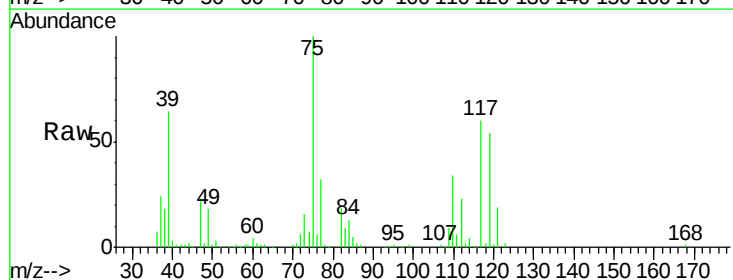
Instrument :
 MSVOA_X
 ClientSampleId :

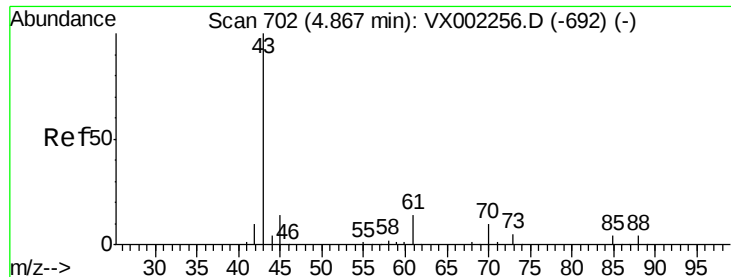
Tot Ion:113 Resp: 102603
 Ion Ratio Lower Upper
 113 100
 111 101.9 81.4 122.0
 192 22.8 19.1 28.7



#36
 1,1-Dichloropropene
 Concen: 18.68 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. -0.00 min
 Lab File: VX002485.D
 Acq: 13 Jun 2018 00:24

Tgt Ion: 75 Resp: 56967
 Ion Ratio Lower Upper
 75 100
 110 36.4 18.1 54.4
 77 32.0 24.3 36.5

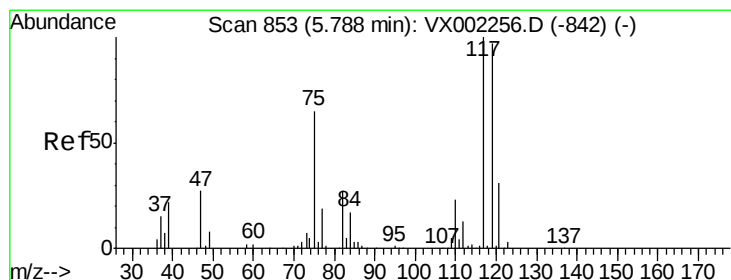
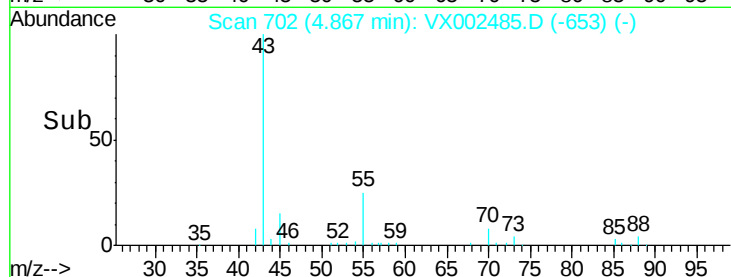
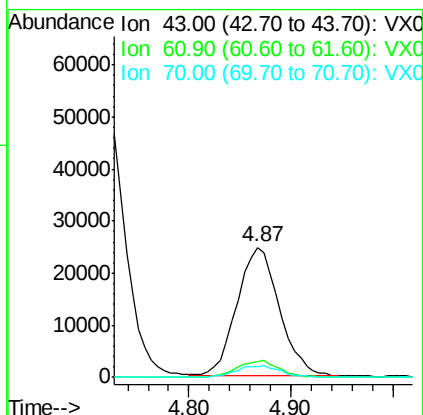
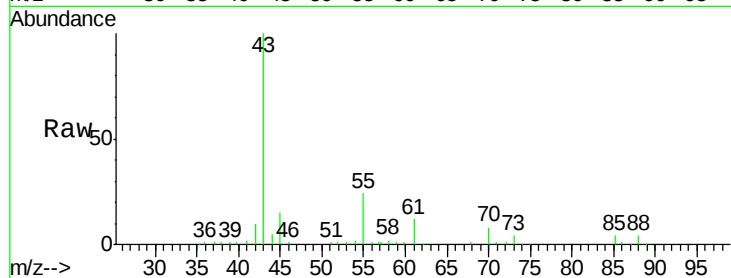




#37
Ethyl Acetate
Concen: 19.47 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.00 min
Lab File: VX002485.D
Acq: 13 Jun 2018 00:24

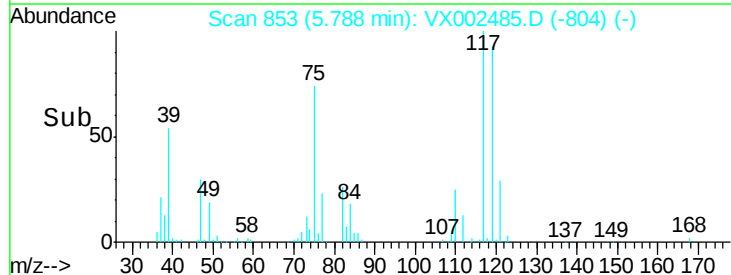
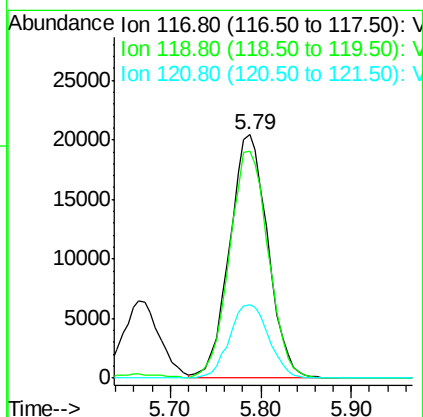
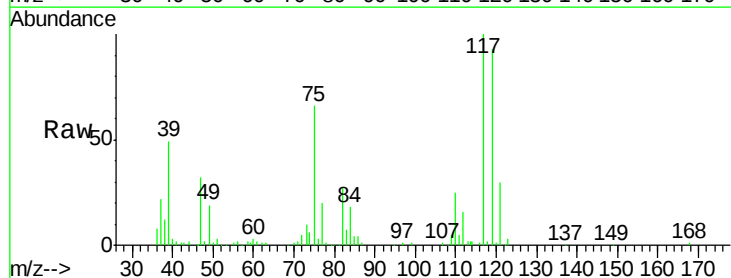
Instrument :
MSVOA_X
ClientSampleId :

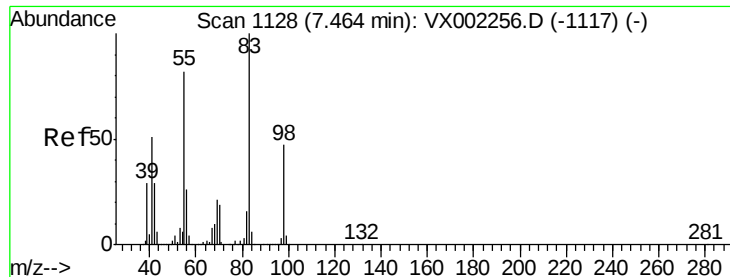
Tot Ion: 43 Resp: 71404
Ion Ratio Lower Upper
43 100
61 12.7 10.4 15.6
70 9.4 7.6 11.4



#38
Carbon Tetrachloride
Concen: 18.77 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX002485.D
Acq: 13 Jun 2018 00:24

Tgt Ion: 117 Resp: 59863
Ion Ratio Lower Upper
117 100
119 93.1 77.4 116.0
121 30.3 24.4 36.6

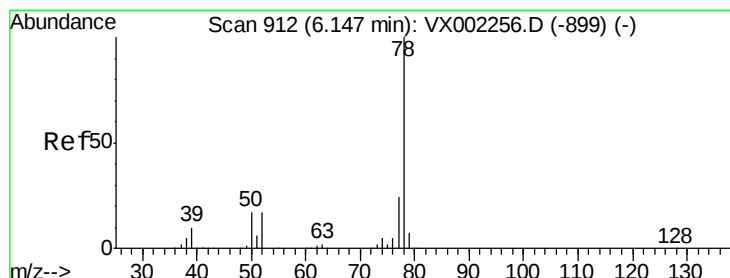
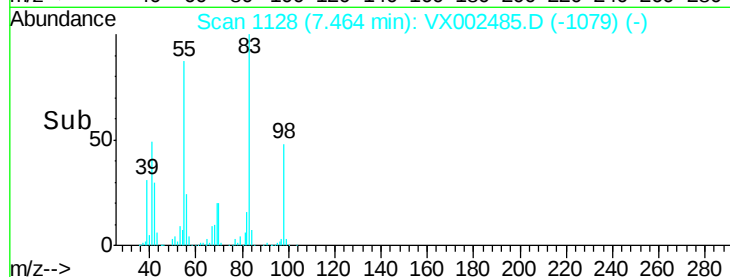
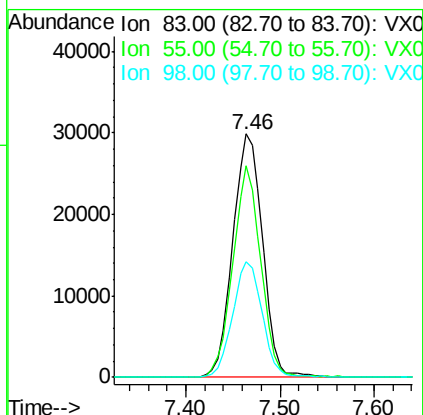
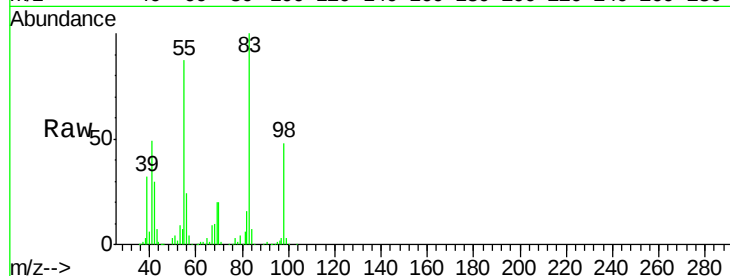




#39
Methvlcvclohexane
Concen: 17.64 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX002485.D
Acq: 13 Jun 2018 00:24

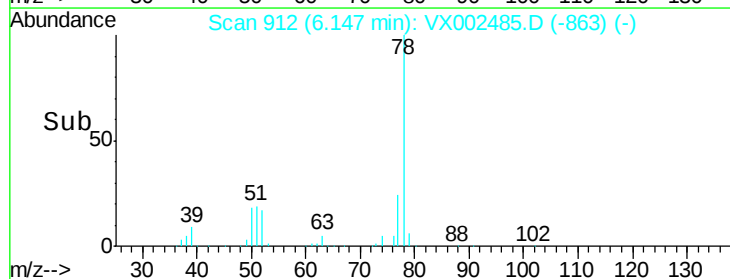
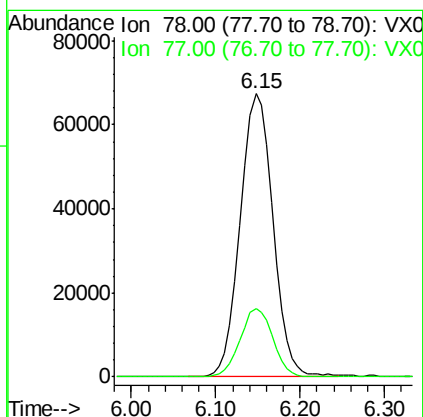
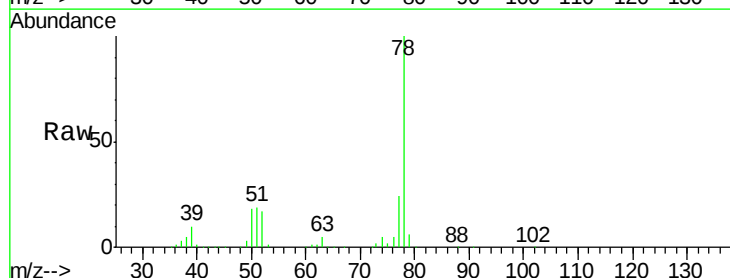
Instrument :
MSVOA_X
ClientSampleId :

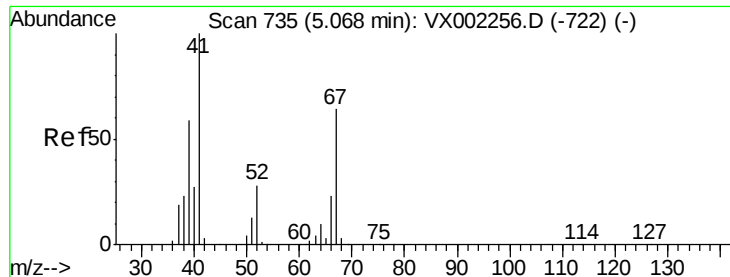
Tot Ion: 83 Resp: 65807
Ion Ratio Lower Upper
83 100
55 86.9 65.4 98.0
98 47.7 37.4 56.0



#40
Benzene
Concen: 18.99 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002485.D
Acq: 13 Jun 2018 00:24

Tgt Ion: 78 Resp: 177513
Ion Ratio Lower Upper
78 100
77 24.1 19.1 28.7

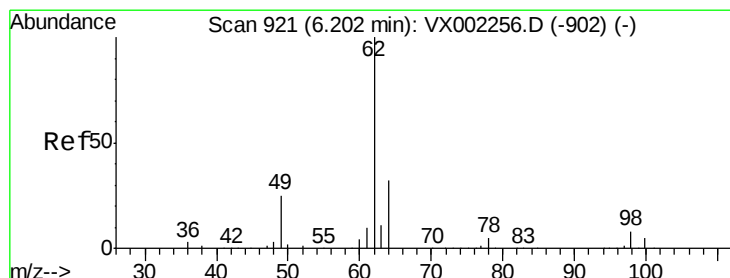
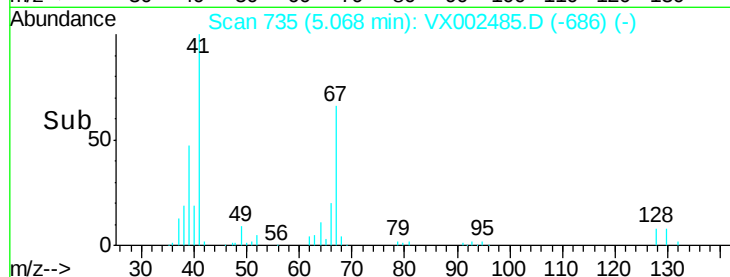
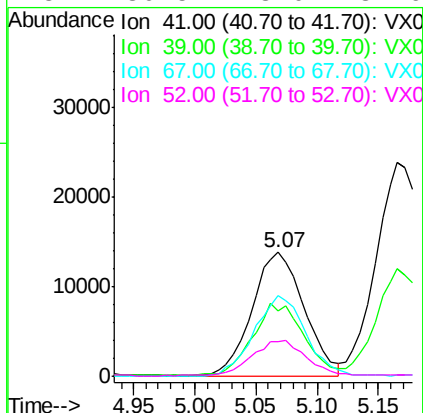
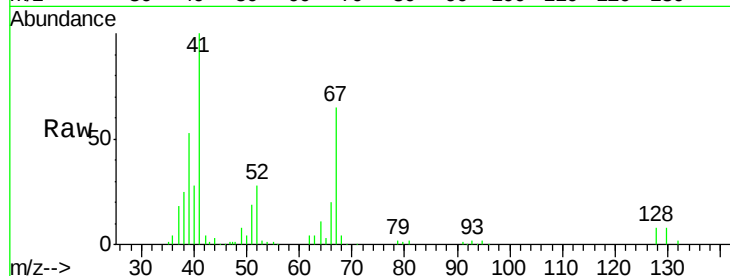




#41
Methacrylonitrile
Concen: 19.63 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX002485.D
Acq: 13 Jun 2018 00:24

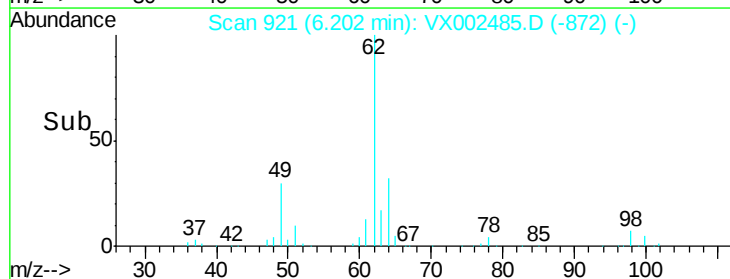
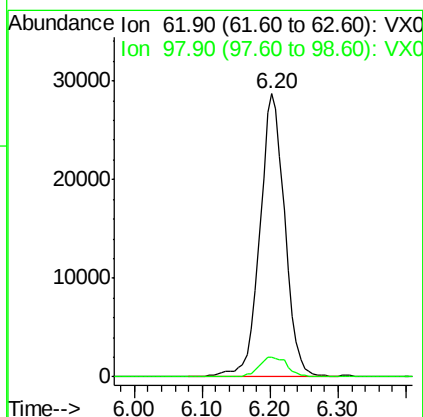
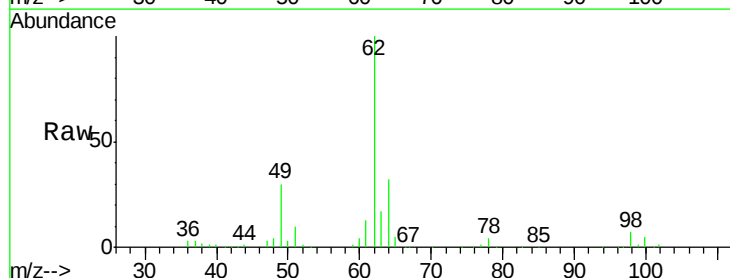
Instrument :
MSVOA_X
ClientSampled :

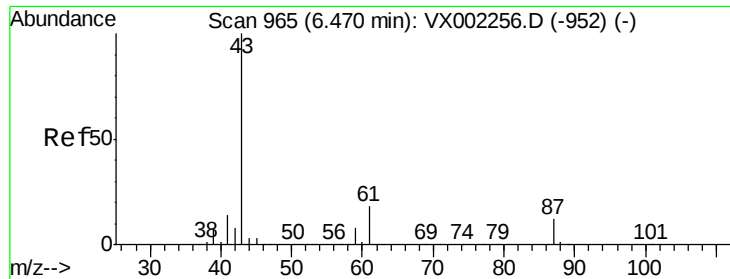
Tot Ion:	41	Resp:	41208
Ion	Ratio	Lower	Upper
41	100		
39	56.8	45.8	68.6
67	64.6	51.3	76.9
52	30.5	23.0	34.6



#42
1,2-Dichloroethane
Concen: 19.62 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX002485.D
Acq: 13 Jun 2018 00:24

Tgt Ion:	62	Resp:	72877
Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	16.6



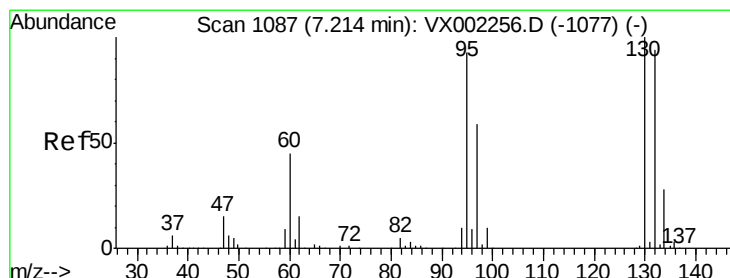
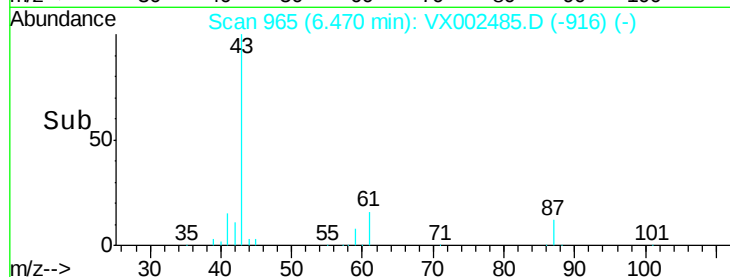
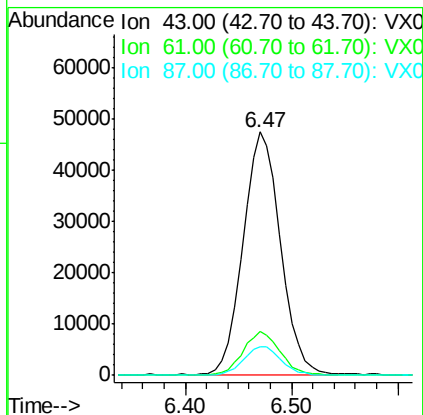
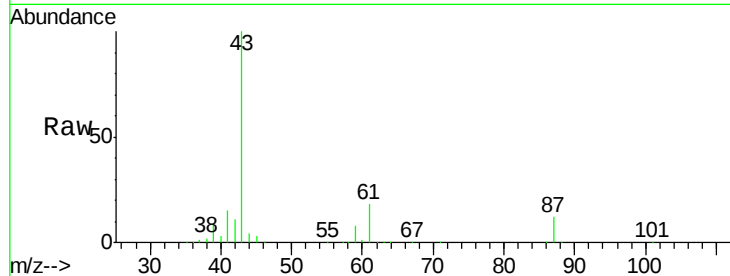


#43

Isopropyl Acetate
 Concen: 18.70 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: VX002485.D
 Acq: 13 Jun 2018 00:24

Instrument :
 MSVOA_X
 ClientSampleId :

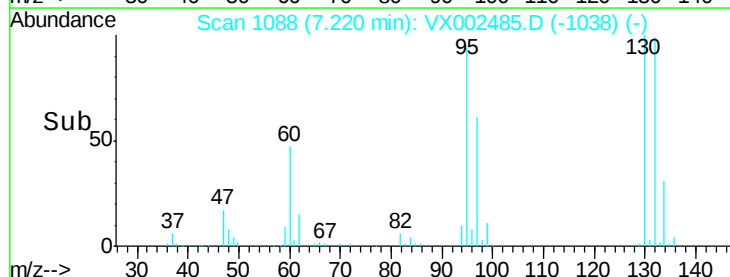
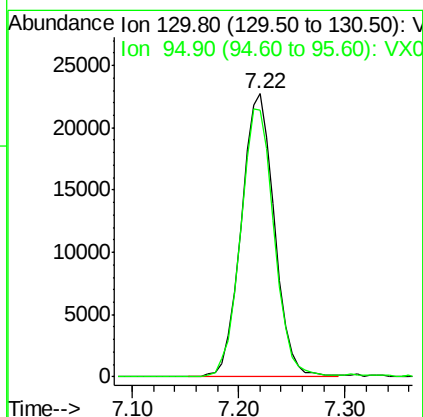
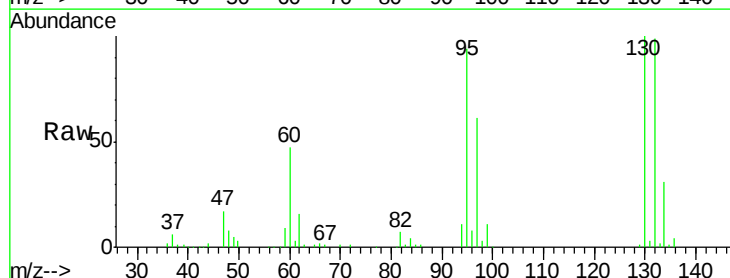
Tot Ion: 43 Resp: 116450
 Ion Ratio Lower Upper
 43 100
 61 18.1 14.4 21.6
 87 11.9 9.5 14.3

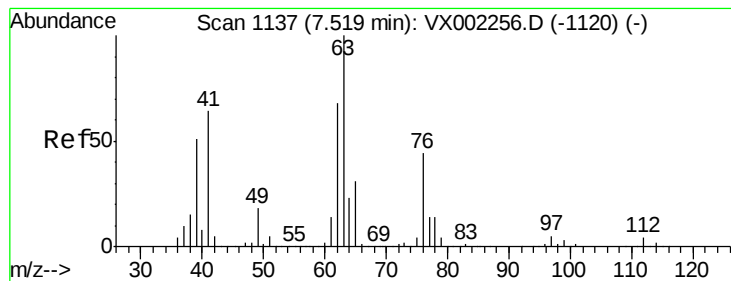


#44

Trichloroethene
 Concen: 19.16 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.01 min
 Lab File: VX002485.D
 Acq: 13 Jun 2018 00:24

Tgt Ion:130 Resp: 49702
 Ion Ratio Lower Upper
 130 100
 95 94.0 0.0 185.4





#45

1,2-Dichloropropane

Concen: 18.99 ug/l

RT: 7.53 min Scan# 1138

Delta R.T. 0.01 min

Lab File: VX002485.D

Acq: 13 Jun 2018 00:24

Instrument :

MSVOA_X

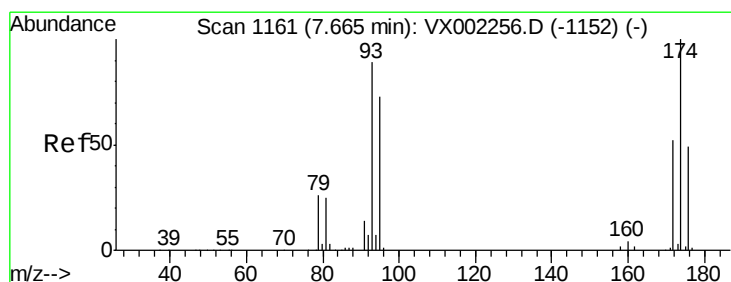
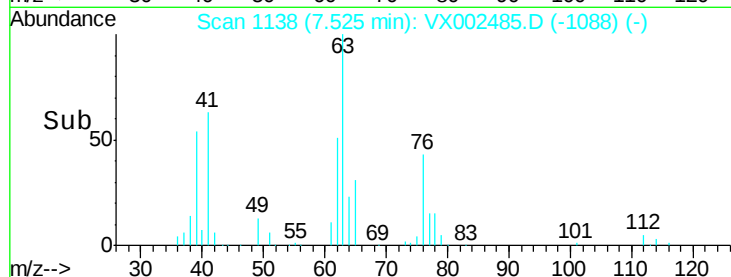
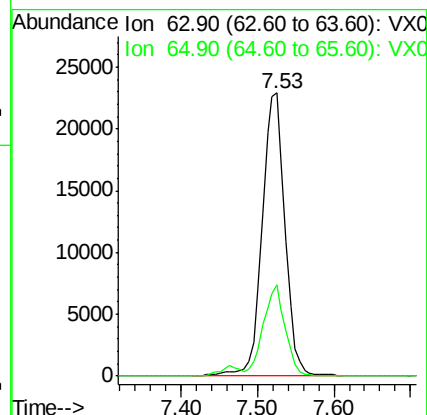
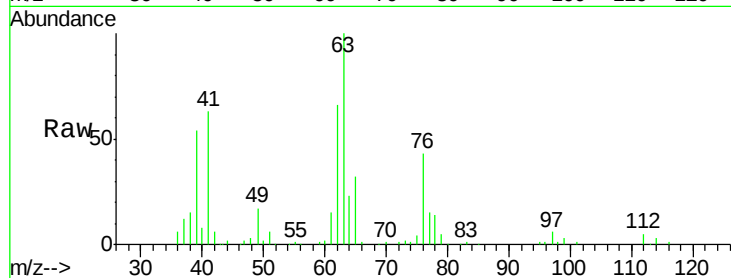
ClientSampleId :

Tot Ion: 63 Resp: 47940

Ion Ratio Lower Upper

63 100

65 32.2 24.7 37.1



#46

Dibromomethane

Concen: 19.30 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.00 min

Lab File: VX002485.D

Acq: 13 Jun 2018 00:24

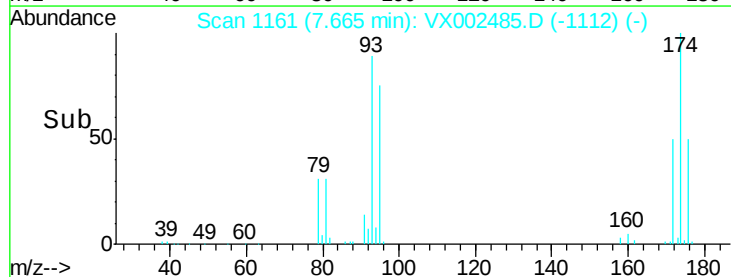
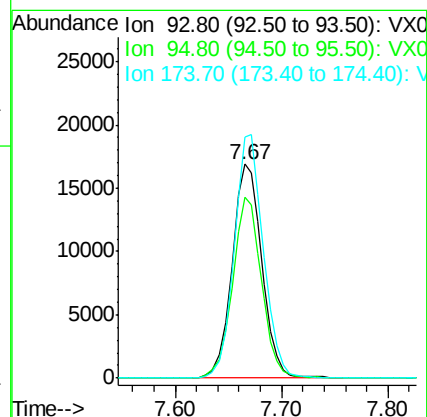
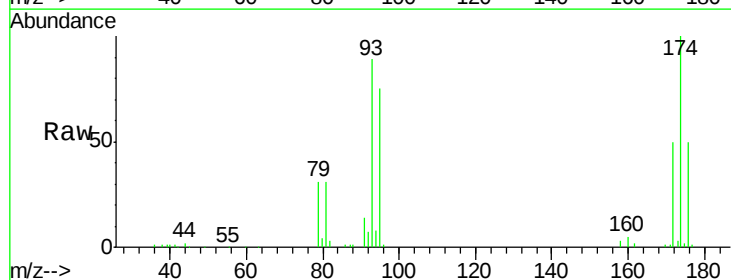
Tgt Ion: 93 Resp: 33018

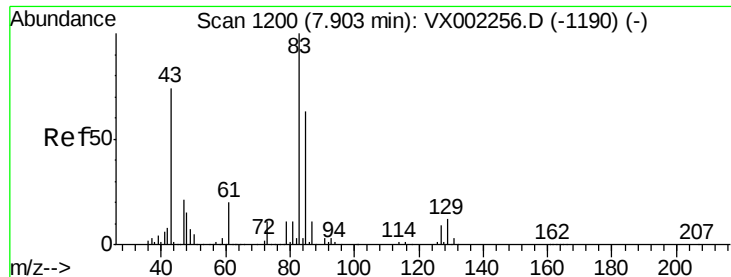
Ion Ratio Lower Upper

93 100

95 82.5 65.9 98.9

174 111.4 92.4 138.6





#47

Bromodichloromethane

Concen: 18.23 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002485.D

Acq: 13 Jun 2018 00:24

Instrument :
MSVOA_X
ClientSampleId :

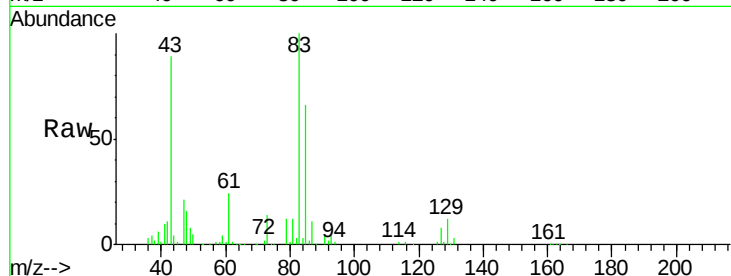
Tot Ion: 83 Resp: 56425

Ion Ratio Lower Upper

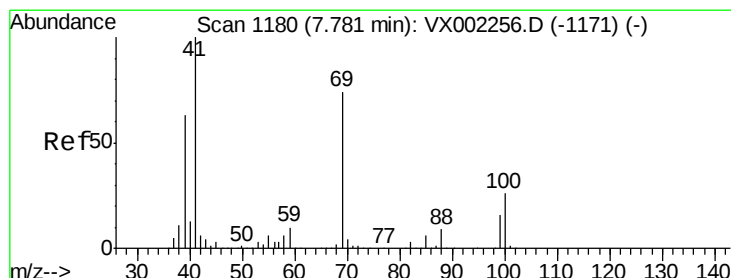
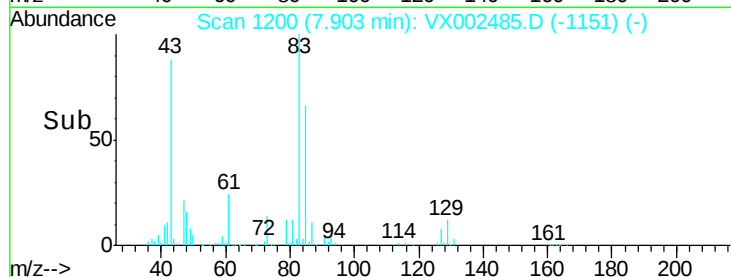
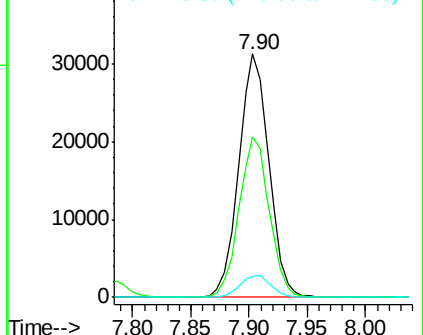
83 100

85 65.8 50.3 75.5

127 8.4 7.0 10.4



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: 19.02 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VX002485.D

Acq: 13 Jun 2018 00:24

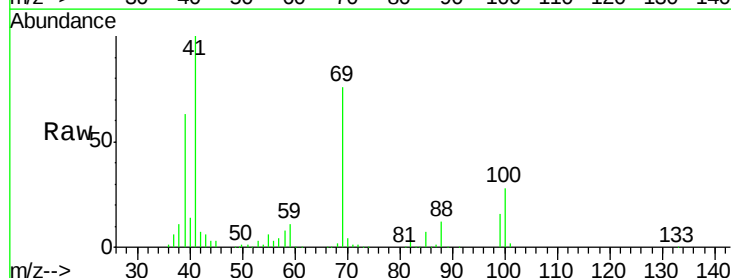
Tgt Ion: 41 Resp: 59489

Ion Ratio Lower Upper

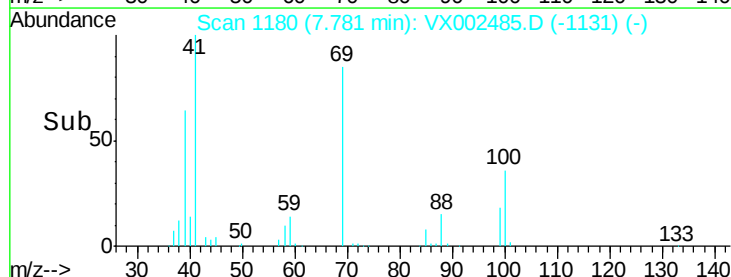
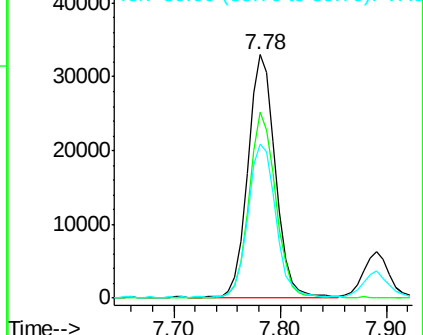
41 100

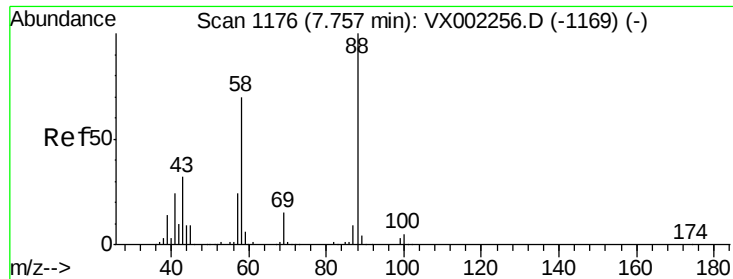
69 75.3 59.1 88.7

39 63.7 48.9 73.3



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

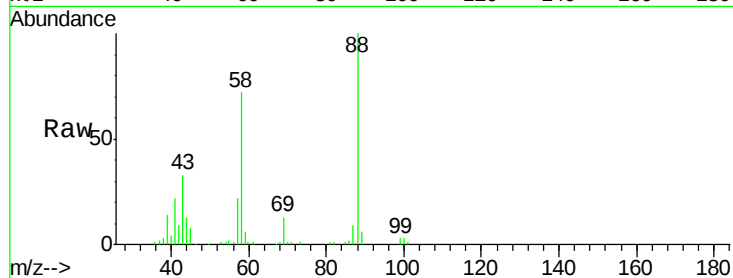




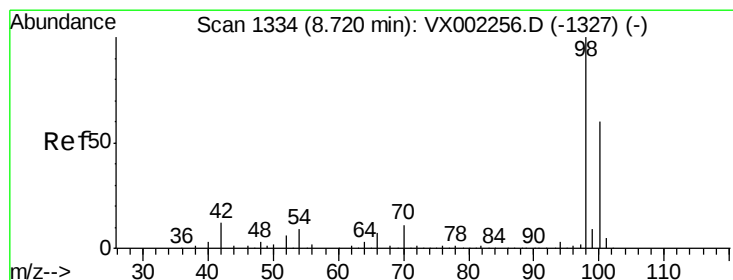
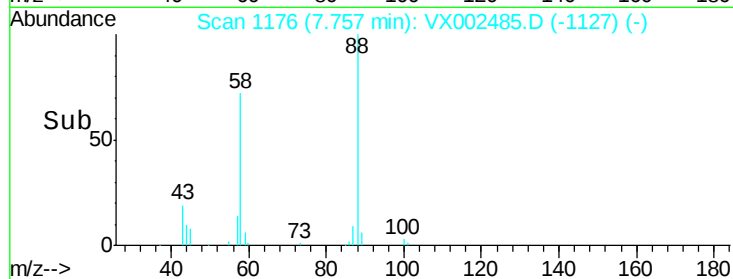
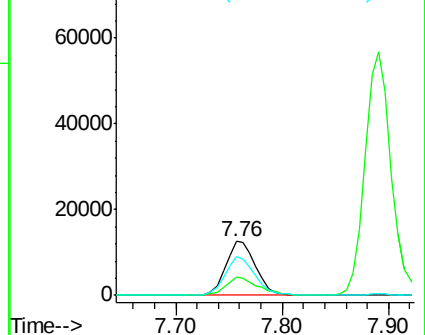
#49
1,4-Dioxane
Concen: 420.88 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.00 min
Lab File: VX002485.D
Acq: 13 Jun 2018 00:24

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 88 Resp: 24619
Ion Ratio Lower Upper
88 100
43 34.7 29.8 44.6
58 73.0 57.1 85.7

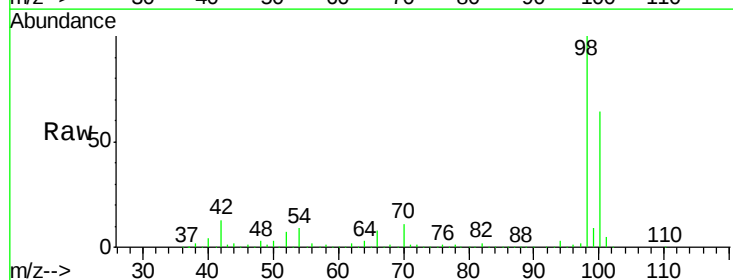


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

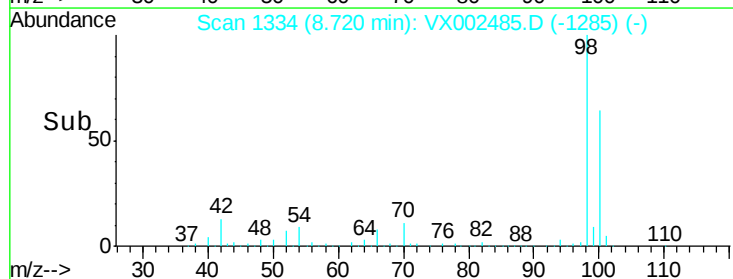
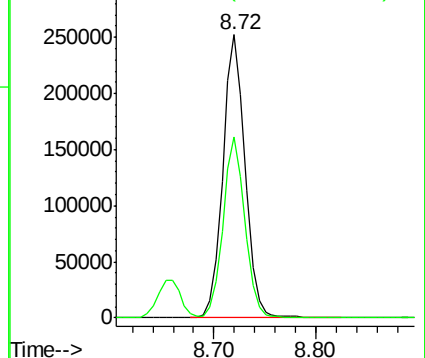


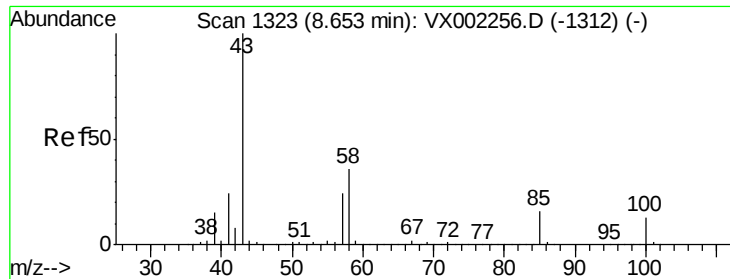
#50
Toluene-d8
Concen: 43.68 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002485.D
Acq: 13 Jun 2018 00:24

Tgt Ion: 98 Resp: 381863
Ion Ratio Lower Upper
98 100
100 63.1 50.9 76.3



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





#51

4-Methyl-2-Pentanone

Concen: 102.19 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX002485.D

Acq: 13 Jun 2018 00:24

Instrument :

MSVOA_X

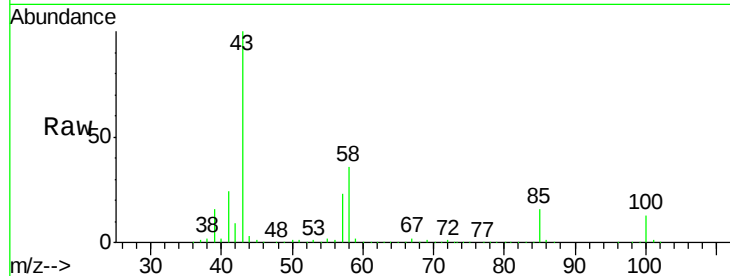
ClientSampled :

Tot Ion: 43 Resp: 396336

Ion Ratio Lower Upper

43 100

58 35.3 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

250000

200000

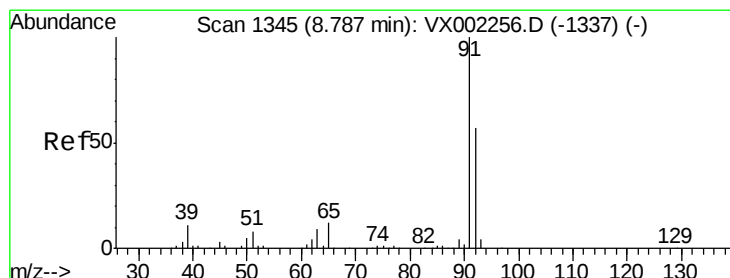
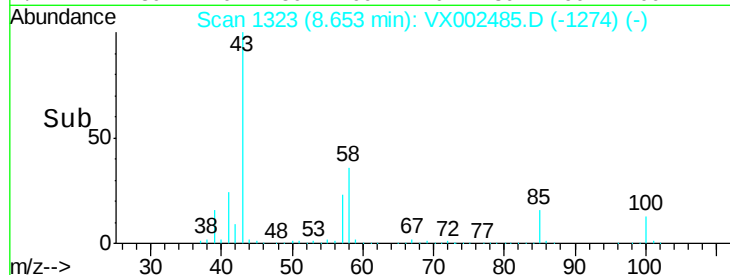
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 19.24 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002485.D

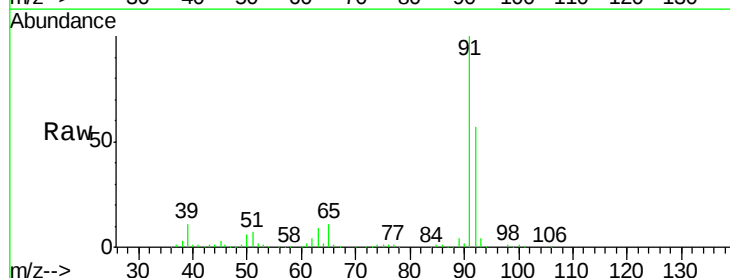
Acq: 13 Jun 2018 00:24

Tgt Ion: 92 Resp: 114389

Ion Ratio Lower Upper

92 100

91 176.9 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

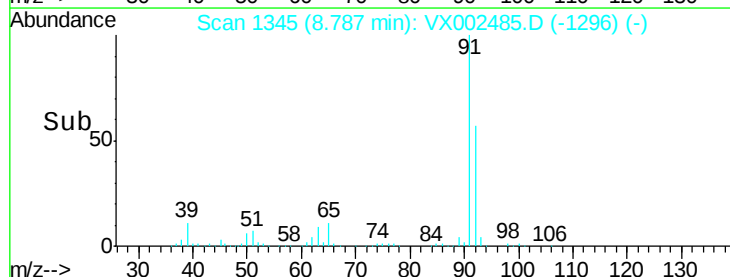
150000

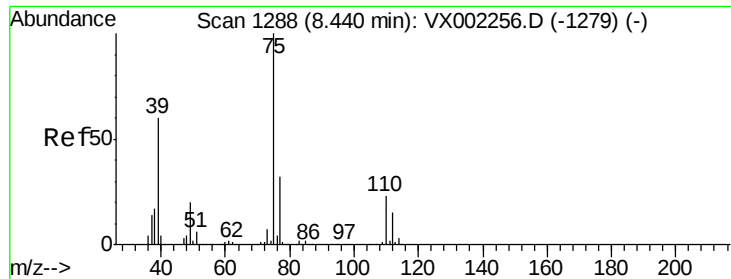
100000

50000

0

Time-->

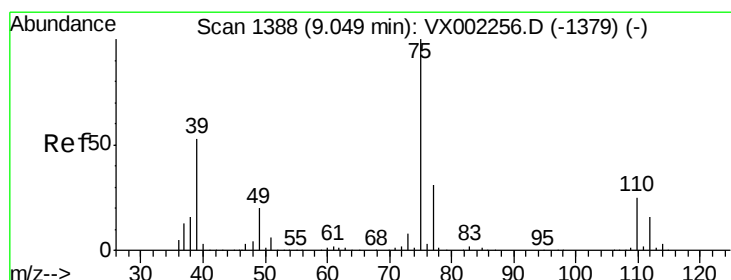
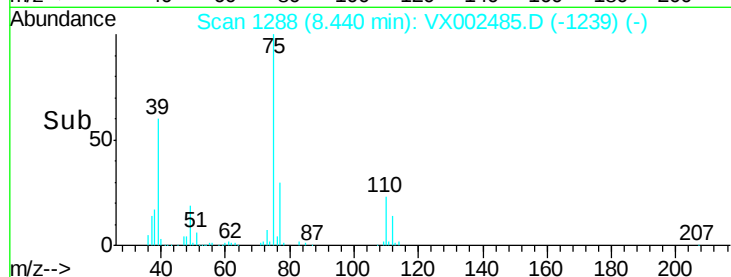
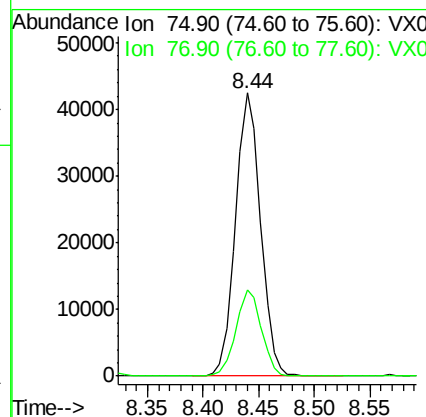
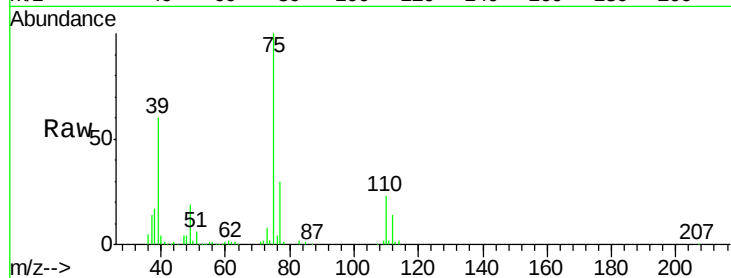




#53
t-1,3-Dichloropropene
Concen: 17.86 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX002485.D
Acq: 13 Jun 2018 00:24

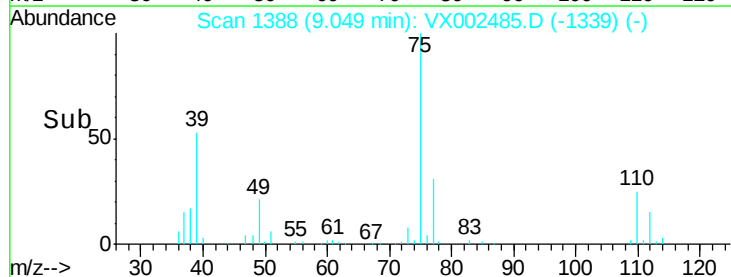
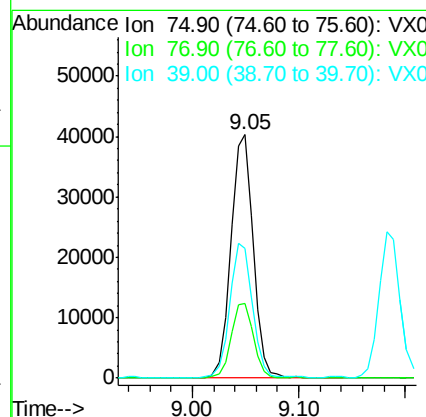
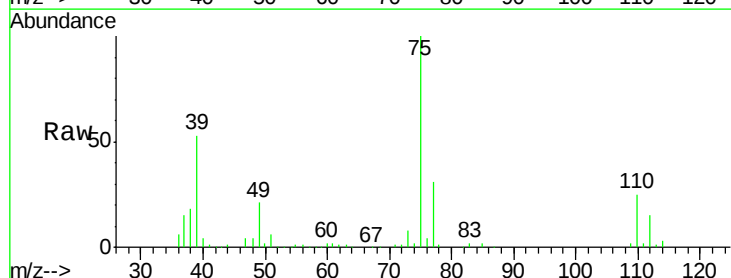
Instrument :
MSVOA_X
ClientSampleId :

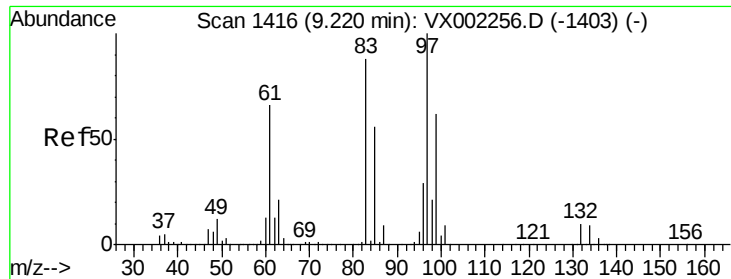
Tot Ion: 75 Resp: 66285
Ion Ratio Lower Upper
75 100
77 30.3 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 16.96 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VX002485.D
Acq: 13 Jun 2018 00:24

Tgt Ion: 75 Resp: 59382
Ion Ratio Lower Upper
75 100
77 30.4 24.8 37.2
39 53.1 42.4 63.6

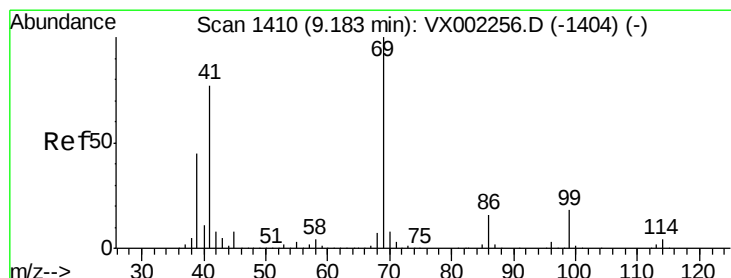
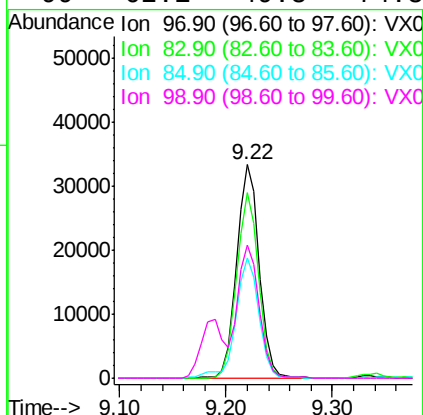
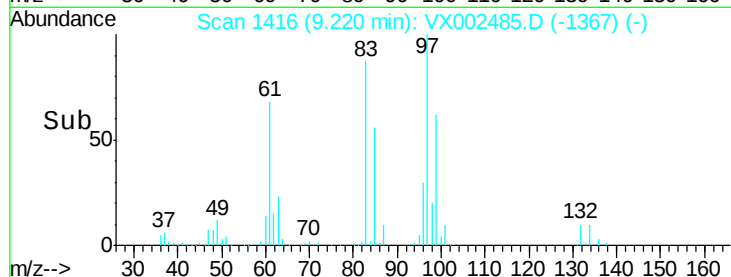
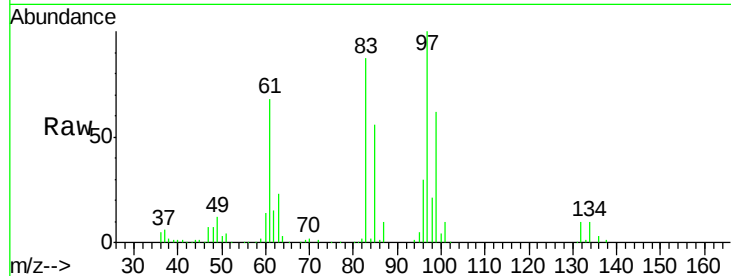




#55
 1,1,2-Trichloroethane
 Concen: 20.34 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002485.D
 Acq: 13 Jun 2018 00:24

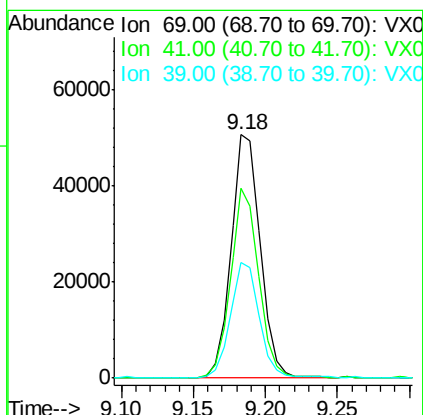
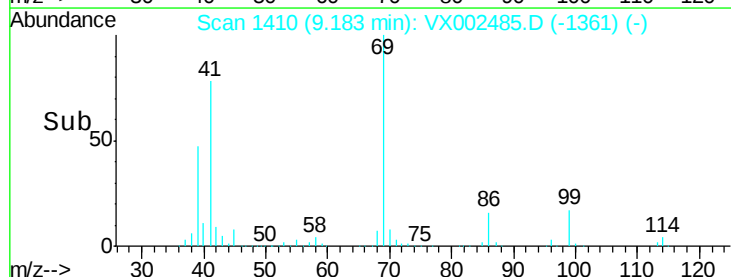
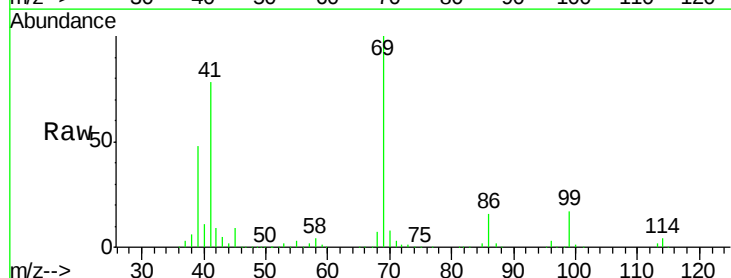
Instrument :
 MSVOA_X
 ClientSampleId :

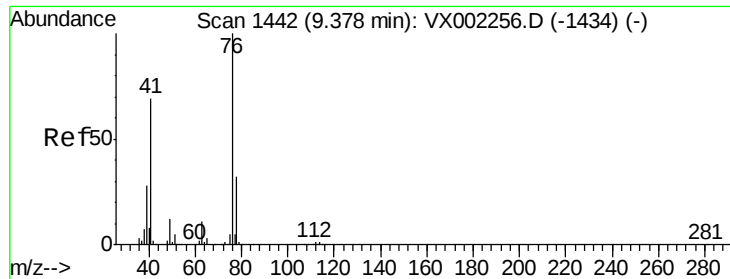
Tot Ion:	97	Resp:	49745
Ion	Ratio	Lower	Upper
97	100		
83	86.7	70.2	105.2
85	56.2	44.9	67.3
99	62.1	49.8	74.8



#56
 Ethyl methacrylate
 Concen: 18.44 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX002485.D
 Acq: 13 Jun 2018 00:24

Tgt Ion:	69	Resp:	71993
Ion	Ratio	Lower	Upper
69	100		
41	75.2	60.3	90.5
39	46.7	35.8	53.8





#57

1,3-Dichloropropane

Concen: 19.73 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX002485.D

Acq: 13 Jun 2018 00:24

Instrument :

MSVOA_X

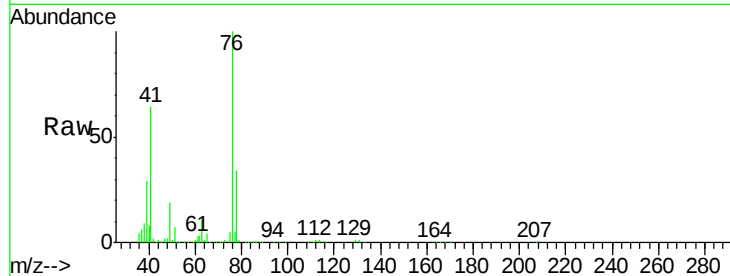
ClientSampled :

Tot Ion: 76 Resp: 80941

Ion Ratio Lower Upper

76 100

78 33.5 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.38

60000

50000

40000

30000

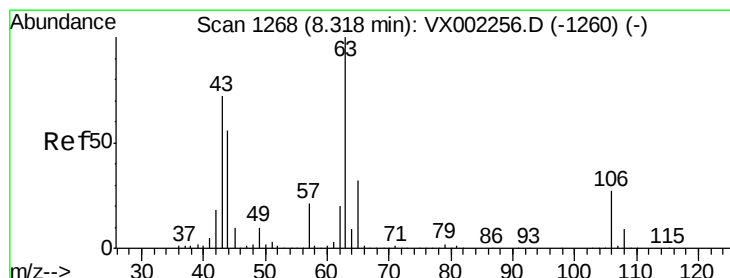
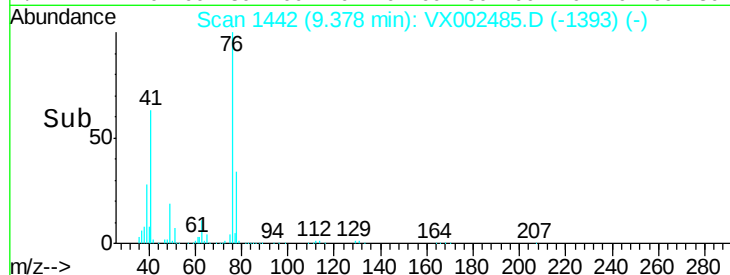
20000

10000

0

9.30 9.35 9.40 9.45

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 101.94 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX002485.D

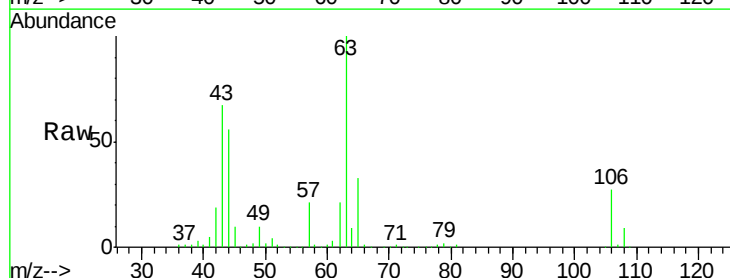
Acq: 13 Jun 2018 00:24

Tgt Ion: 63 Resp: 184222

Ion Ratio Lower Upper

63 100

106 26.9 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.32

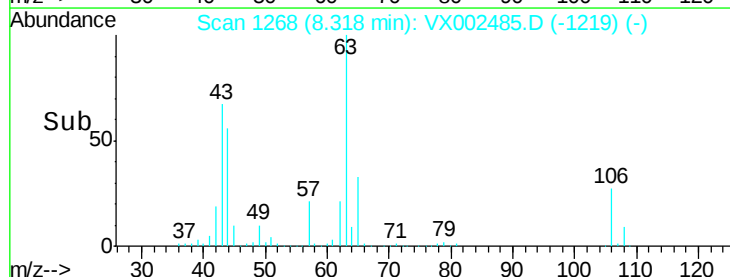
100000

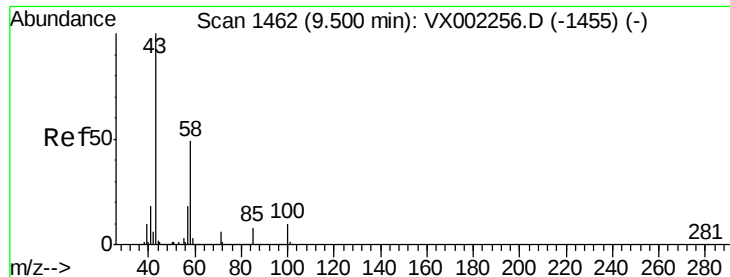
50000

0

8.20 8.30 8.40

Time-->

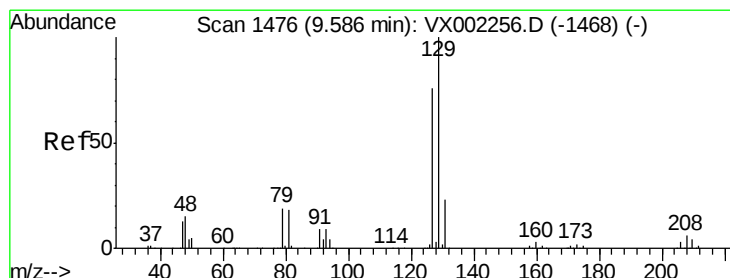
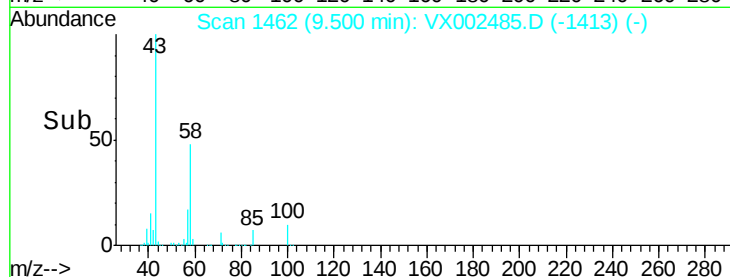
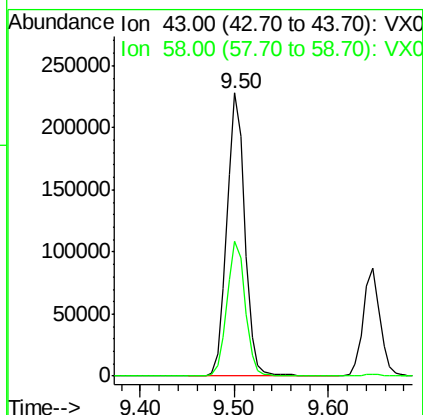
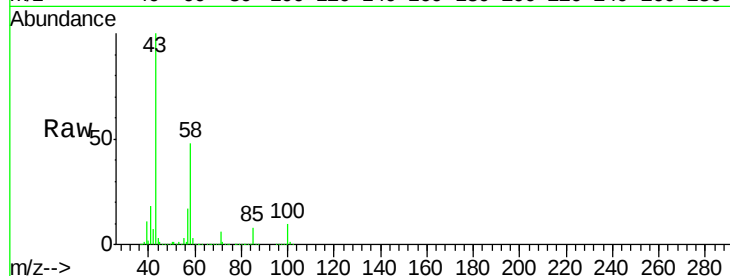




#59
2-Hexanone
Concen: 100.59 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002485.D
Acq: 13 Jun 2018 00:24

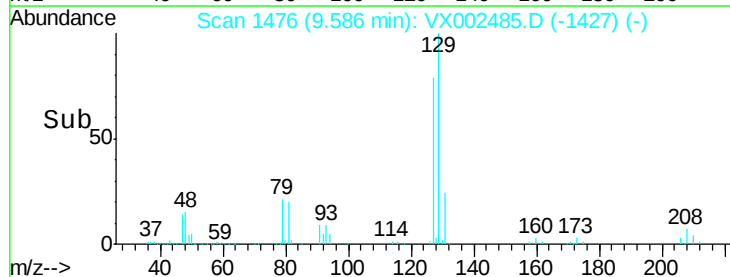
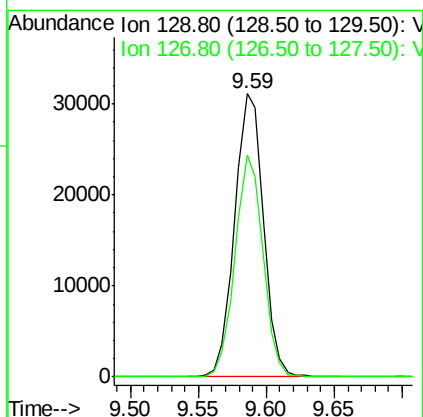
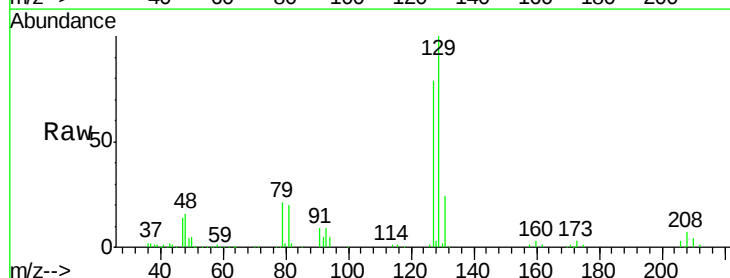
Instrument :
MSVOA_X
ClientSampleId :

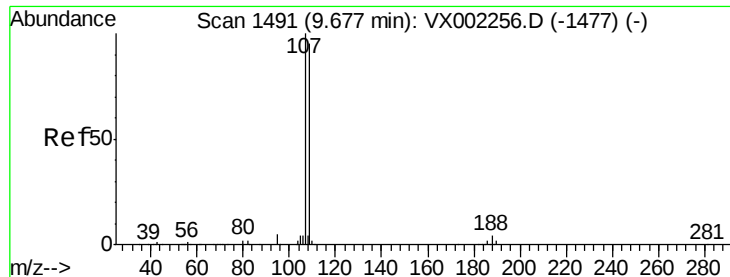
Tot Ion: 43 Resp: 301333
Ion Ratio Lower Upper
43 100
58 48.7 24.6 73.6



#60
Dibromochloromethane
Concen: 18.60 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX002485.D
Acq: 13 Jun 2018 00:24

Tgt Ion: 129 Resp: 45760
Ion Ratio Lower Upper
129 100
127 76.2 38.5 115.3





#61

1,2-Dibromoethane

Concen: 19.66 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002485.D

Acq: 13 Jun 2018 00:24

Instrument :

MSVOA_X

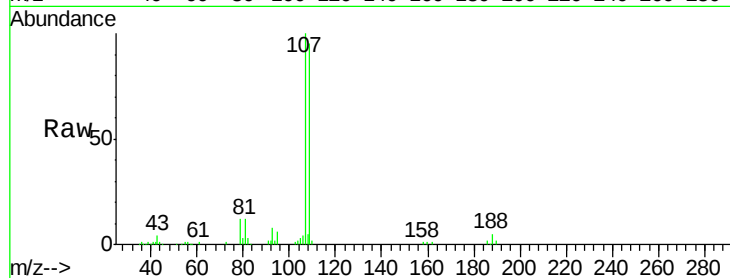
ClientSampleId :

Tot Ion:107 Resp: 50138

Ion Ratio Lower Upper

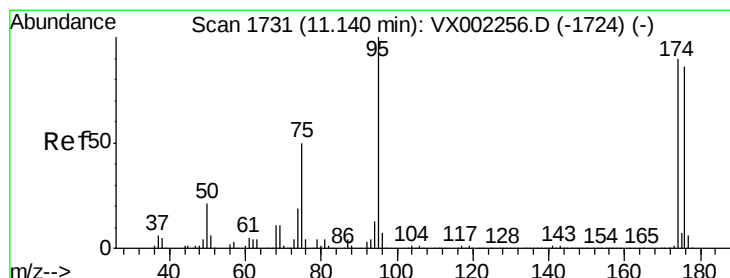
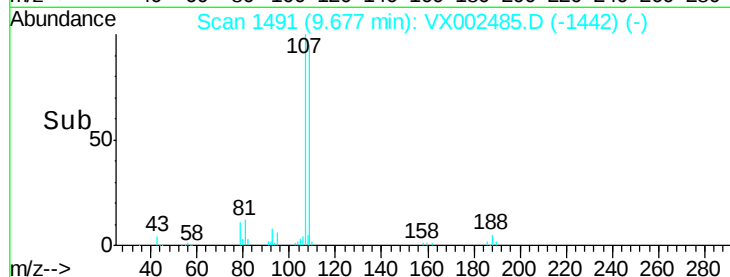
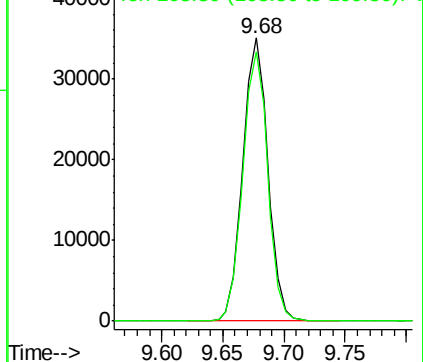
107 100

109 94.5 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 42.69 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002485.D

Acq: 13 Jun 2018 00:24

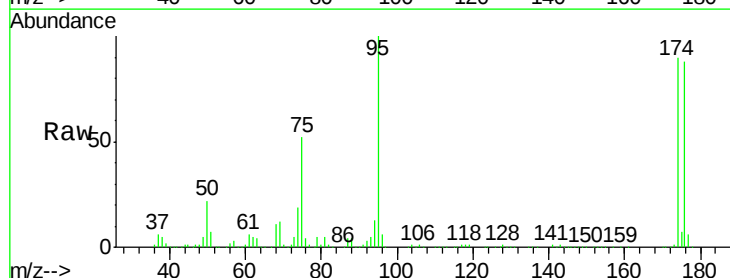
Tgt Ion: 95 Resp: 143920

Ion Ratio Lower Upper

95 100

174 94.1 0.0 187.4

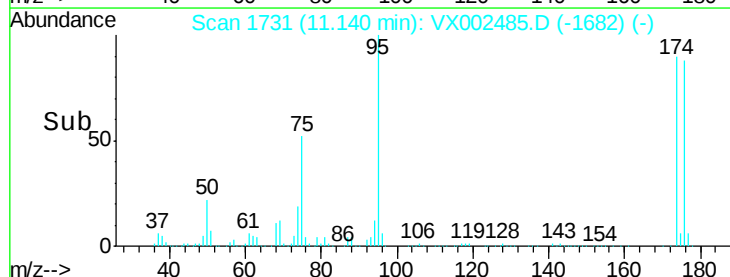
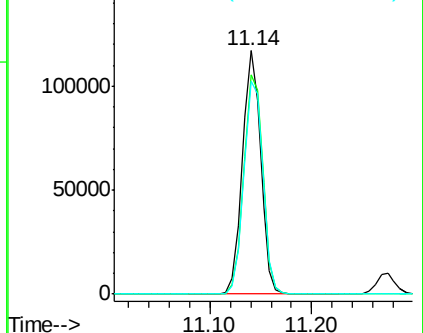
176 91.8 0.0 181.0

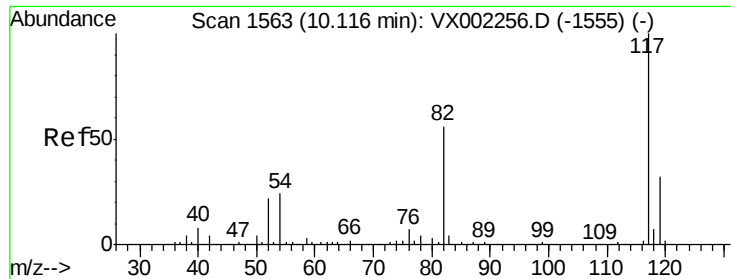


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

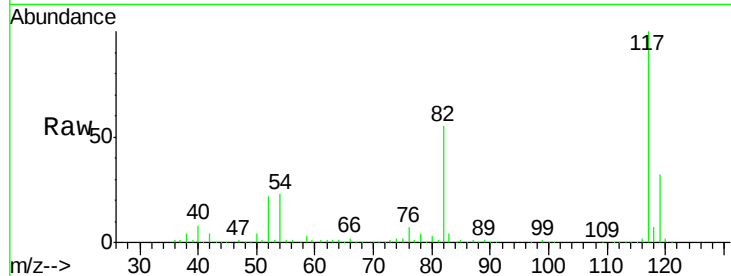




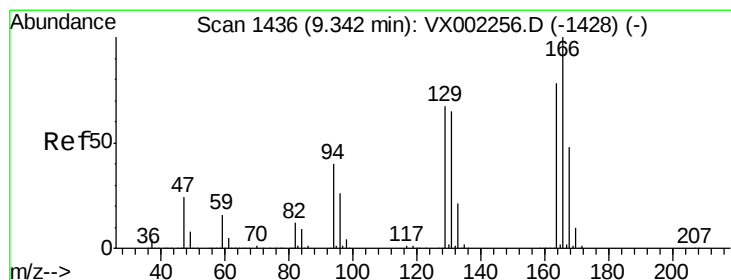
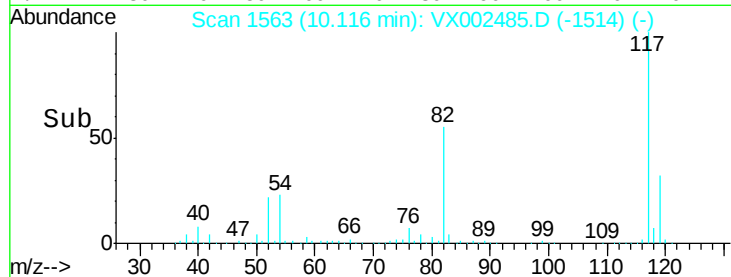
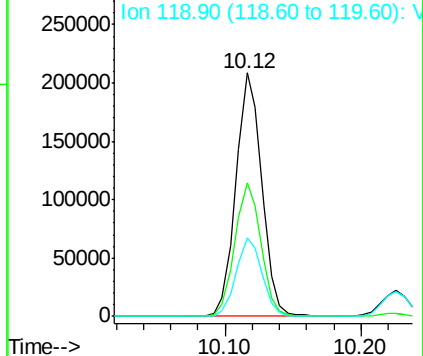
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002485.D
Acq: 13 Jun 2018 00:24

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:117 Resp: 276117
Ion Ratio Lower Upper
117 100
82 55.0 45.0 67.4
119 32.2 25.8 38.6

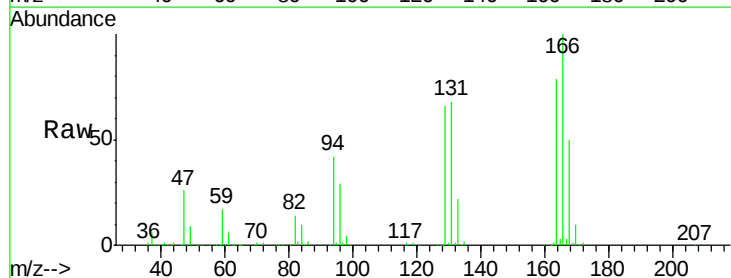


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

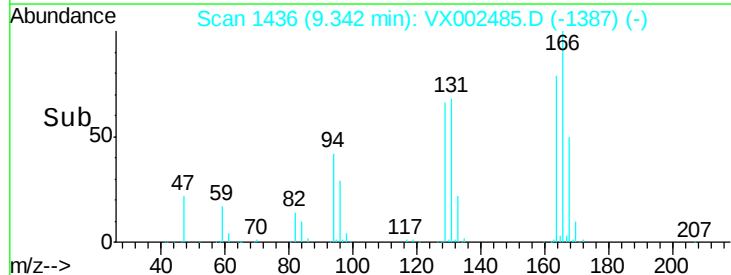
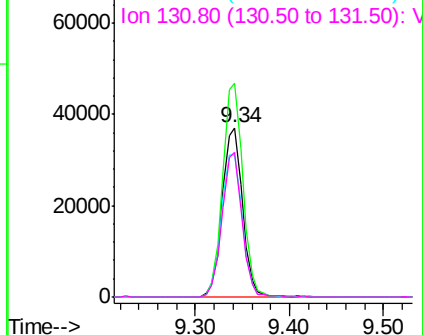


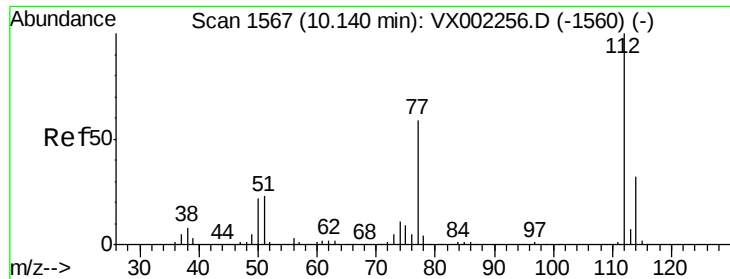
#64
Tetrachloroethene
Concen: 19.45 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX002485.D
Acq: 13 Jun 2018 00:24

Tgt Ion:164 Resp: 55381
Ion Ratio Lower Upper
164 100
166 126.2 102.9 154.3
129 83.6 68.6 102.8
131 85.5 66.8 100.2



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 19.40 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VX002485.D

Acq: 13 Jun 2018 00:24

Instrument :

MSVOA_X

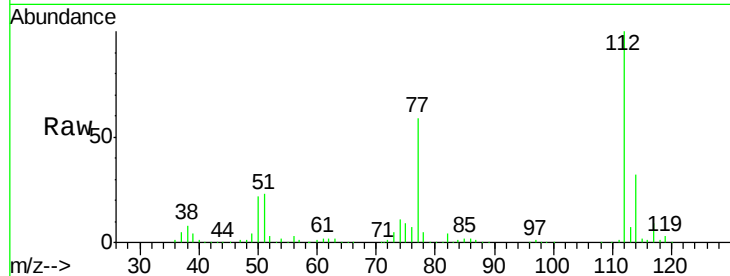
ClientSampled :

Tot Ion:112 Resp: 133304

Ion Ratio Lower Upper

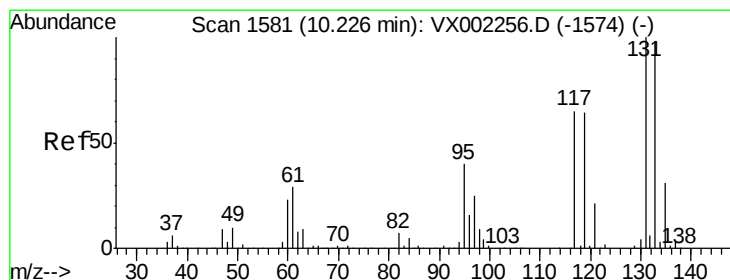
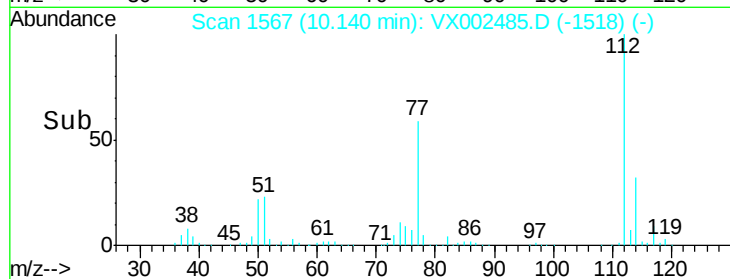
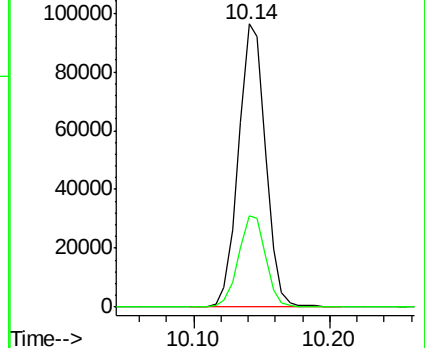
112 100

114 32.4 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 18.93 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX002485.D

Acq: 13 Jun 2018 00:24

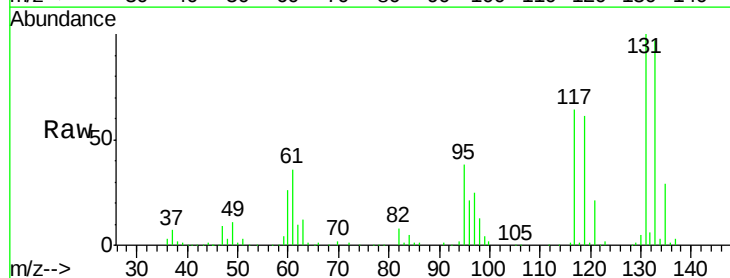
Tgt Ion:131 Resp: 47085

Ion Ratio Lower Upper

131 100

133 95.1 47.9 143.6

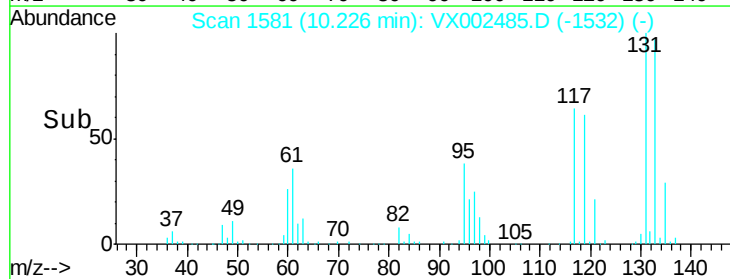
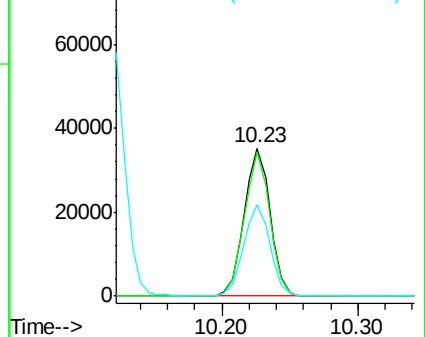
119 62.3 31.8 95.3

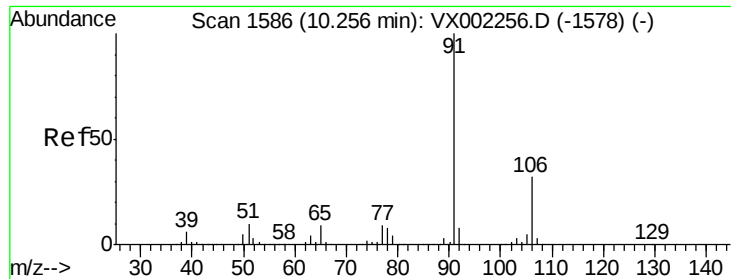


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

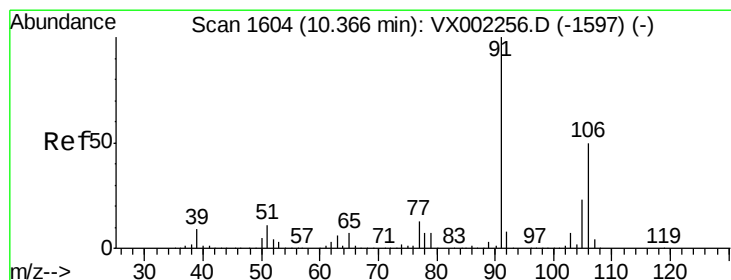
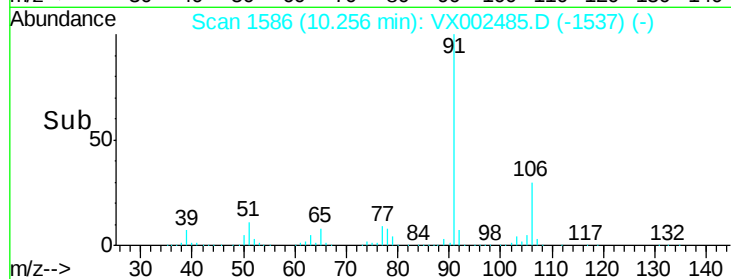
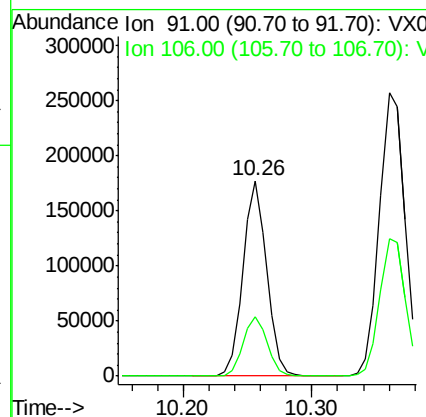
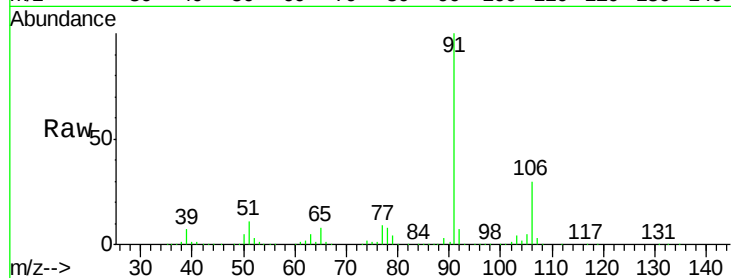




#67
Ethyl Benzene
Concen: 19.59 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002485.D
Acq: 13 Jun 2018 00:24

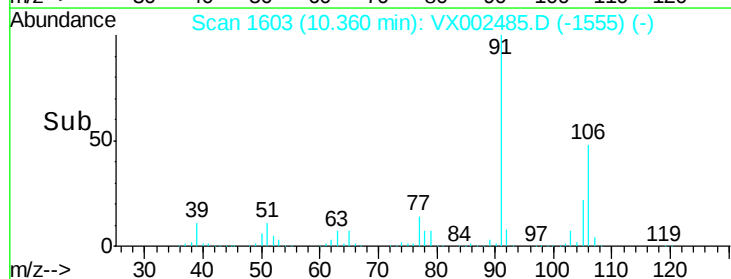
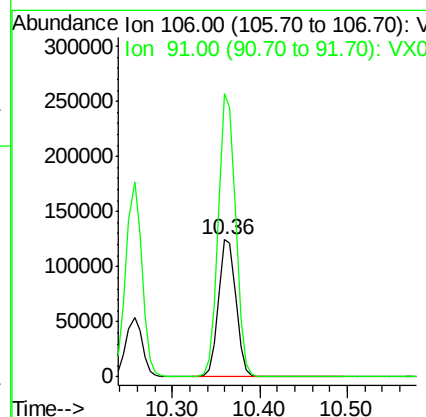
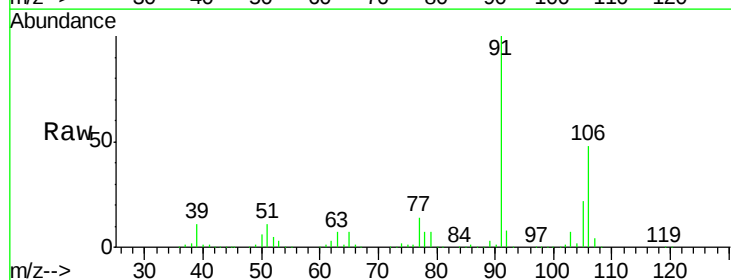
Instrument :
MSVOA_X
ClientSampled :

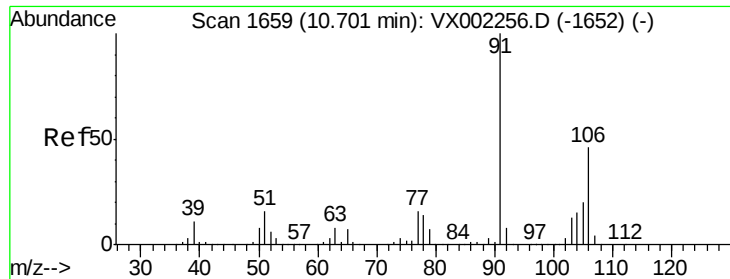
Tot Ion: 91 Resp: 225208
Ion Ratio Lower Upper
91 100
106 30.3 25.5 38.3



#68
m/p-Xylenes
Concen: 38.45 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VX002485.D
Acq: 13 Jun 2018 00:24

Tgt Ion: 106 Resp: 171871
Ion Ratio Lower Upper
106 100
91 204.6 163.4 245.2

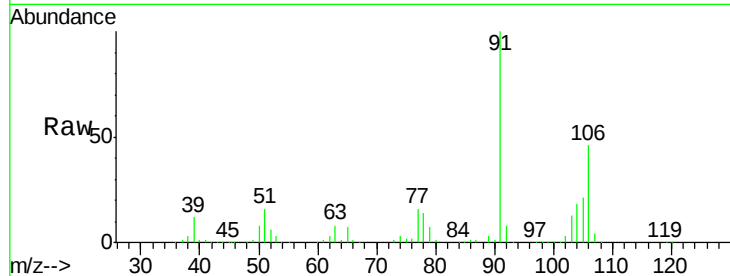




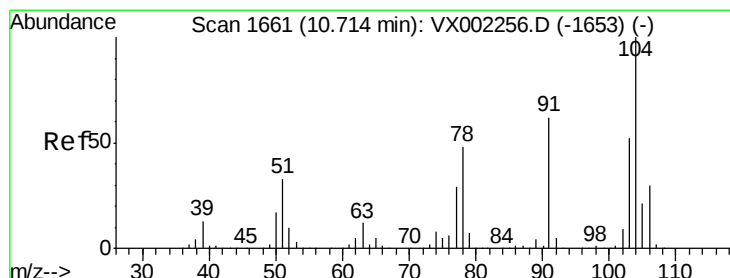
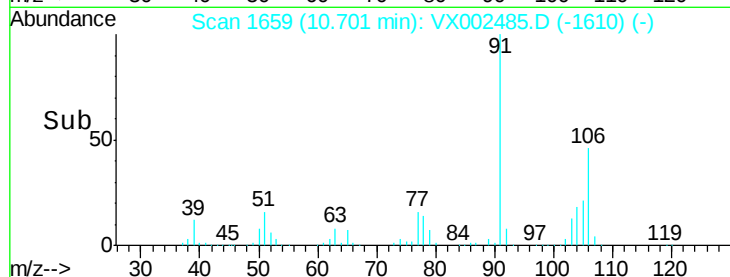
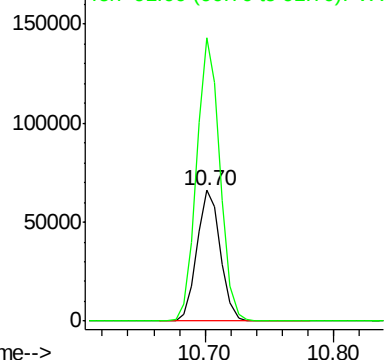
#69
o-Xylene
Concen: 19.08 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002485.D
Acq: 13 Jun 2018 00:24

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:106 Resp: 84872
Ion Ratio Lower Upper
106 100
91 215.1 108.2 324.6

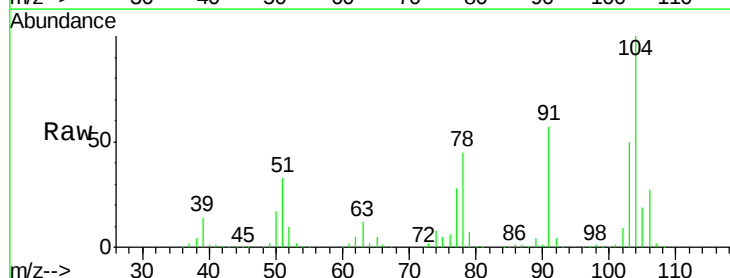


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

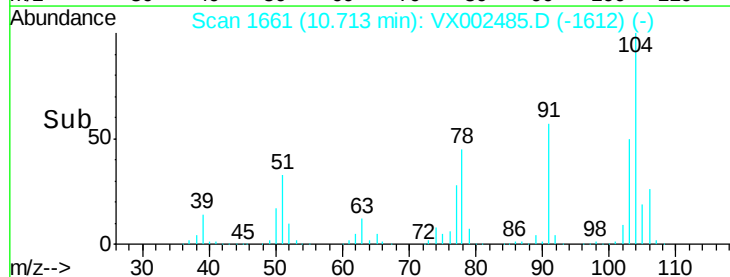
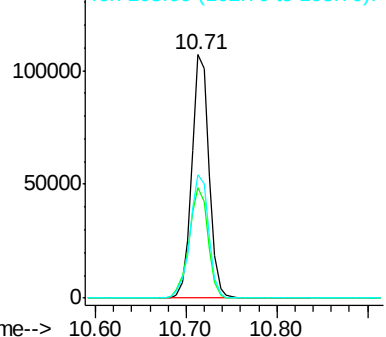


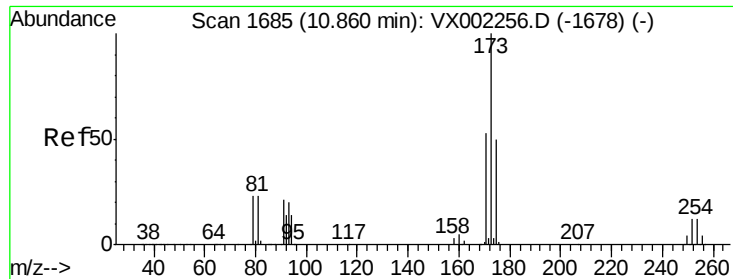
#70
Styrene
Concen: 19.47 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX002485.D
Acq: 13 Jun 2018 00:24

Tgt Ion:104 Resp: 141557
Ion Ratio Lower Upper
104 100
78 50.4 41.0 61.6
103 55.3 44.2 66.4



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





#71

Bromoform

Concen: 17.07 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX002485.D

Acq: 13 Jun 2018 00:24

Instrument :

MSVOA_X

ClientSampleId :

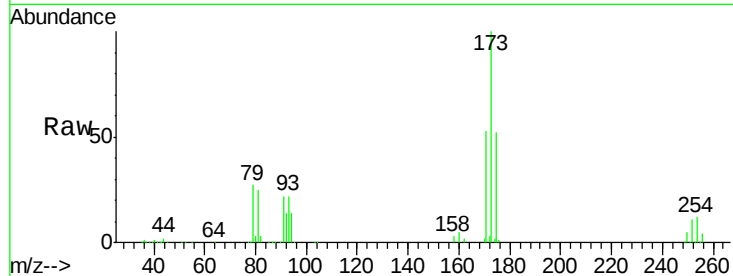
Tot Ion:173 Resp: 32590

Ion Ratio Lower Upper

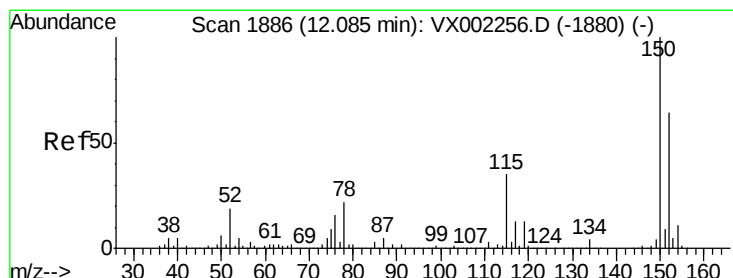
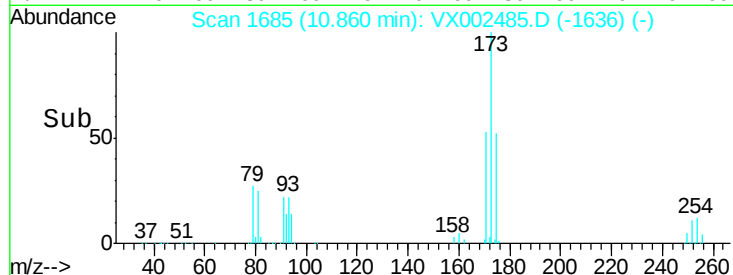
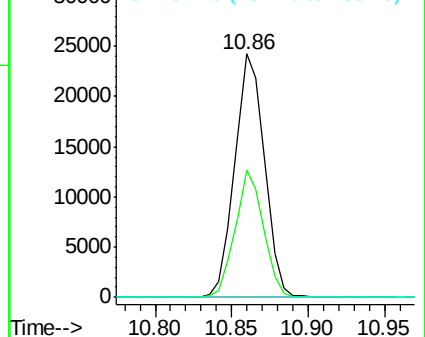
173 100

175 49.6 24.7 74.1

254 0.1 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002485.D

Acq: 13 Jun 2018 00:24

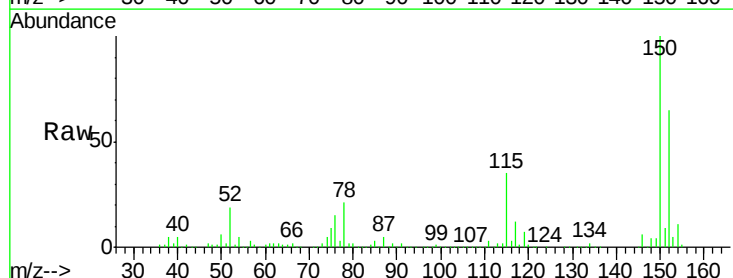
Tgt Ion:152 Resp: 171802

Ion Ratio Lower Upper

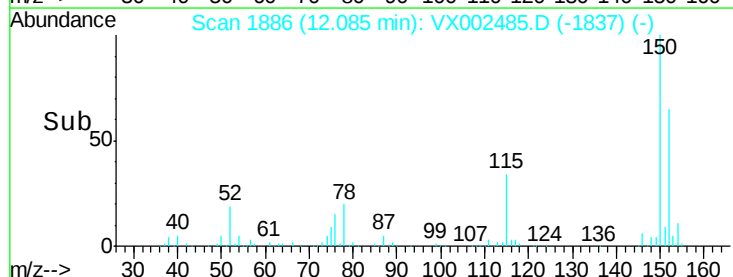
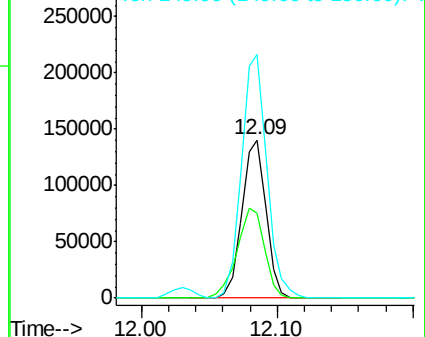
152 100

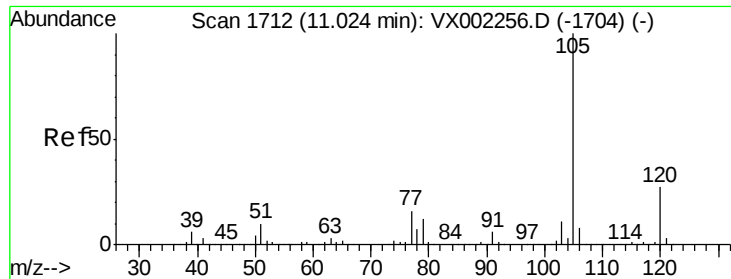
115 64.7 40.1 120.2

150 163.3 0.0 347.2



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: 19.29 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002485.D

Acq: 13 Jun 2018 00:24

Instrument :

MSVOA_X

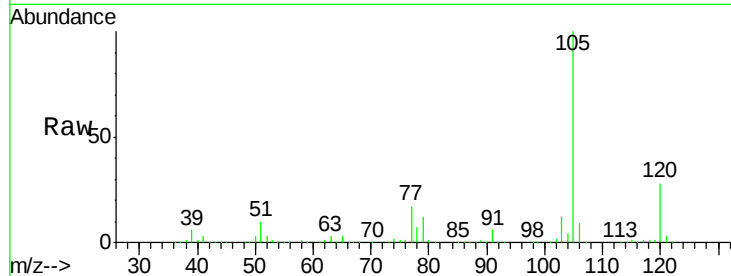
ClientSampleId :

Tot Ion:105 Resp: 230581

Ion Ratio Lower Upper

105 100

120 27.1 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

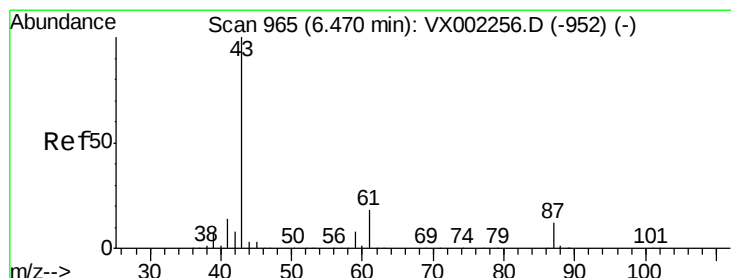
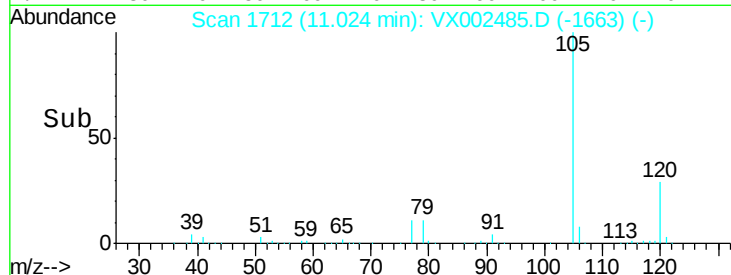
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 18.08 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002485.D

Acq: 13 Jun 2018 00:24

Tgt Ion: 43 Resp: 116450

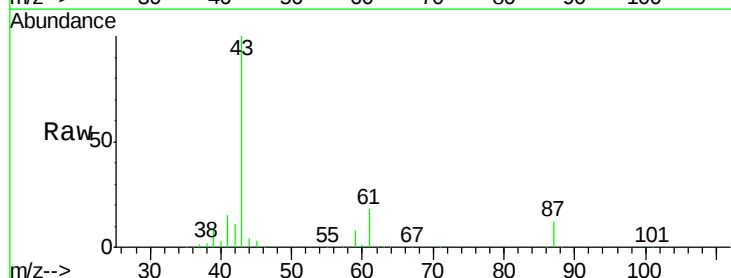
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 18.1 14.4 21.6



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

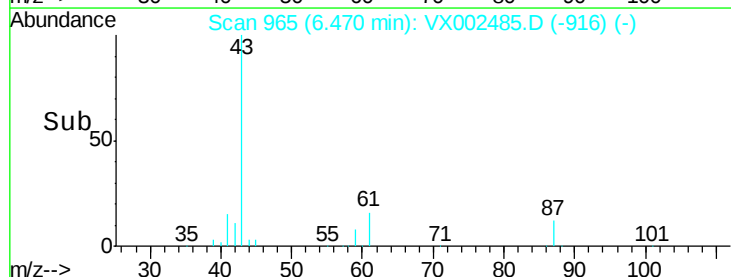
6.47

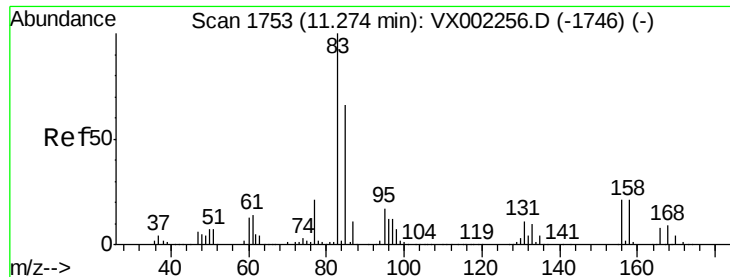
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.83 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002485.D

Acq: 13 Jun 2018 00:24

Instrument :

MSVOA_X

ClientSampleId :

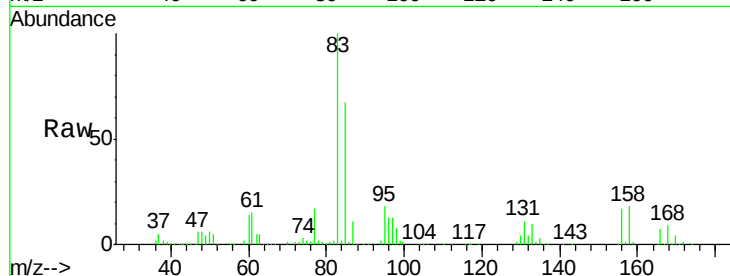
Tot Ion: 83 Resp: 74537

Ion Ratio Lower Upper

83 100

131 10.8 5.6 16.8

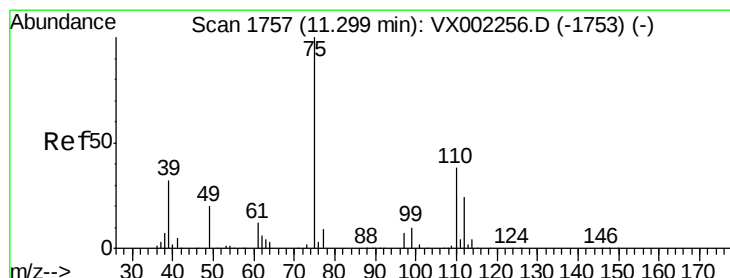
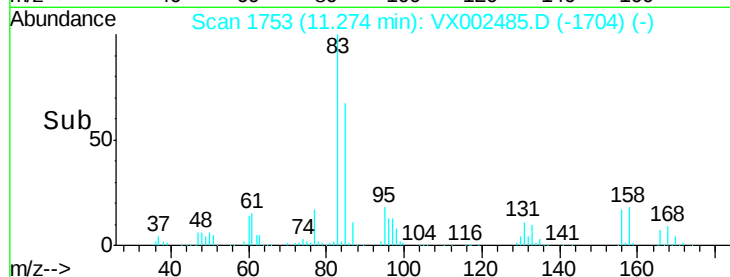
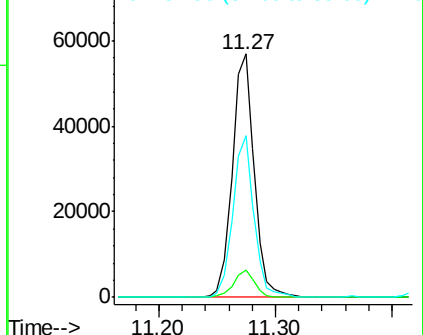
85 64.2 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 21.37 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX002485.D

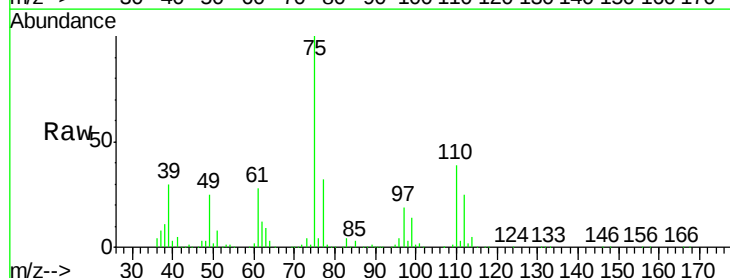
Acq: 13 Jun 2018 00:24

Tgt Ion: 75 Resp: 80551

Ion Ratio Lower Upper

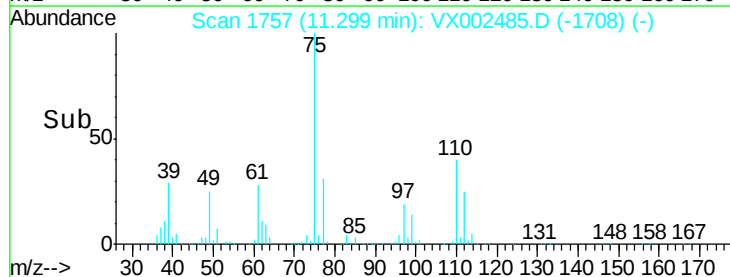
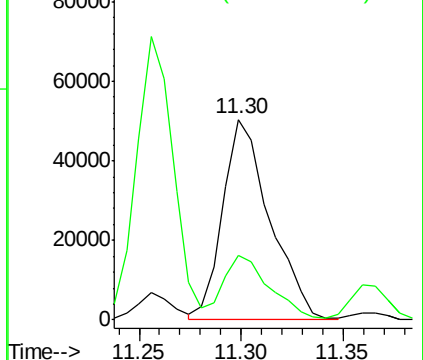
75 100

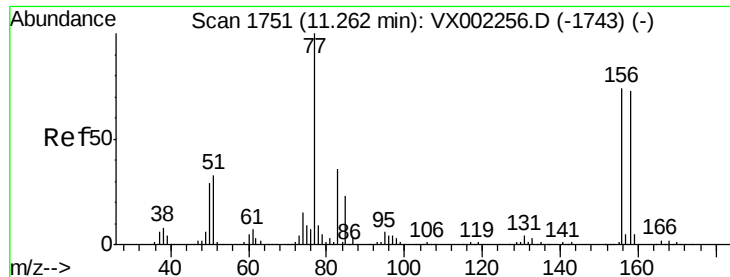
77 32.0 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.03 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX002485.D

Acq: 13 Jun 2018 00:24

Instrument :

MSVOA_X

ClientSampled :

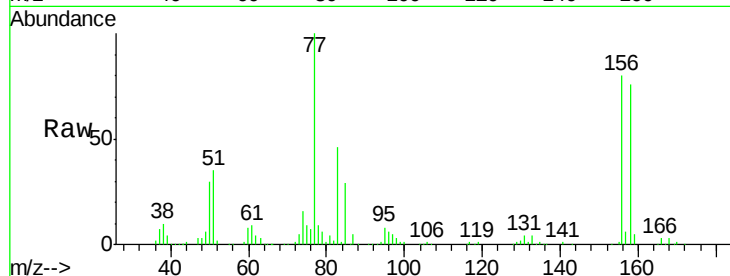
Tot Ion:156 Resp: 63862

Ion Ratio Lower Upper

156 100

77 139.9 71.4 214.2

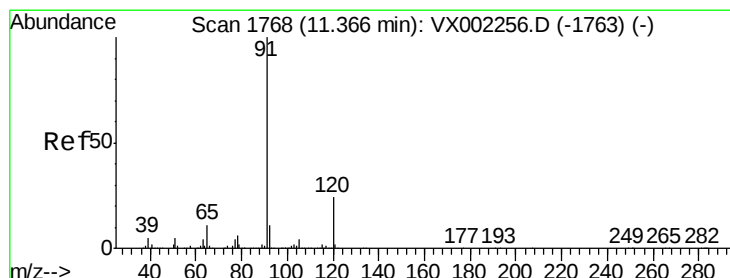
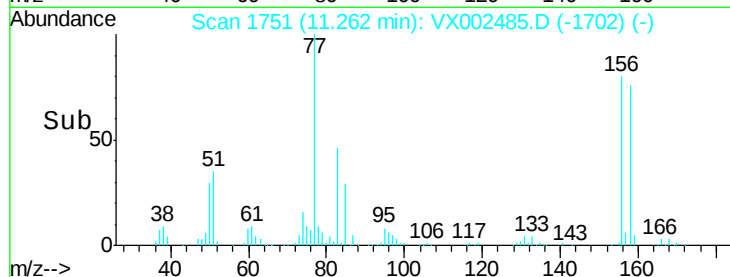
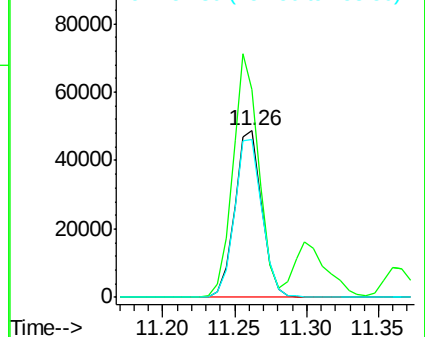
158 96.9 48.9 146.6



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: 19.80 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002485.D

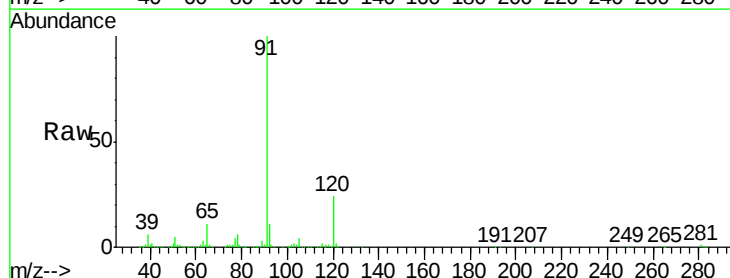
Acq: 13 Jun 2018 00:24

Tgt Ion: 91 Resp: 263048

Ion Ratio Lower Upper

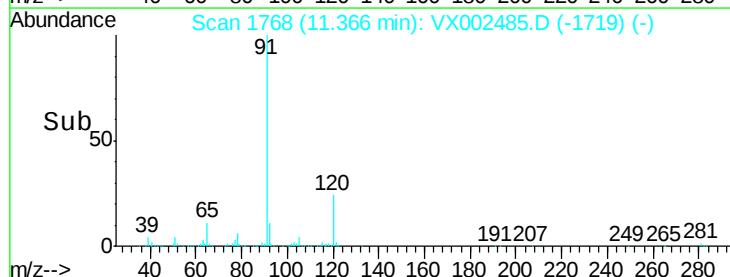
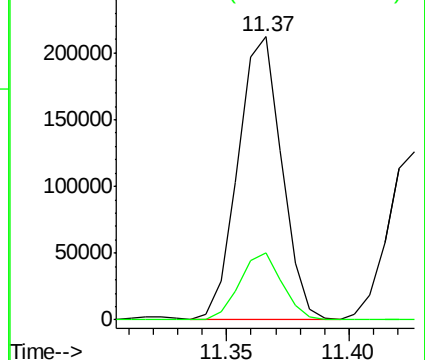
91 100

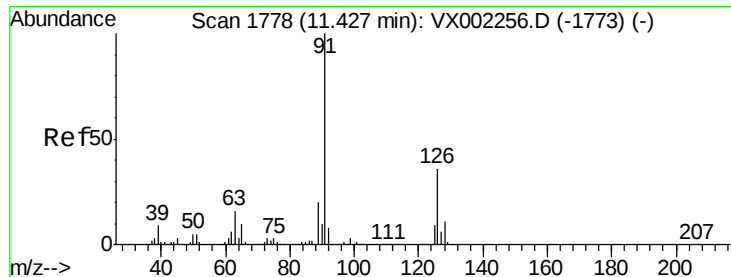
120 23.2 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.64 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002485.D

Acq: 13 Jun 2018 00:24

Instrument :

MSVOA_X

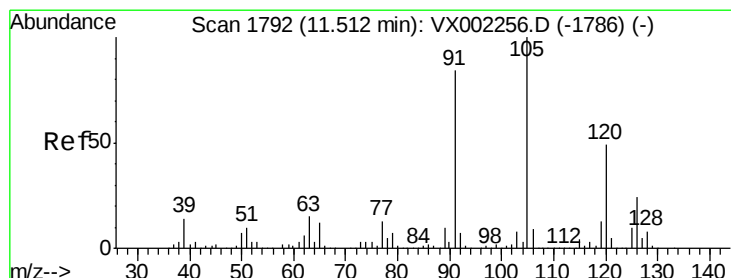
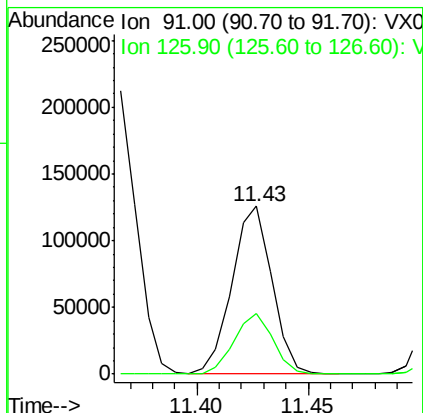
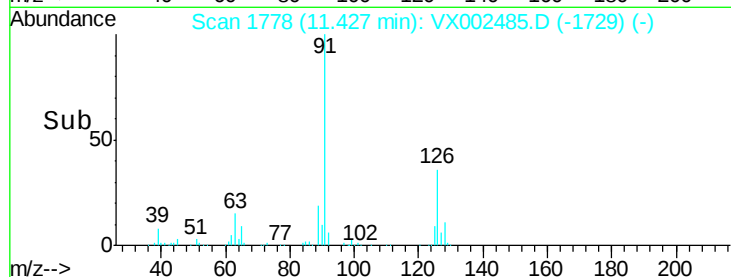
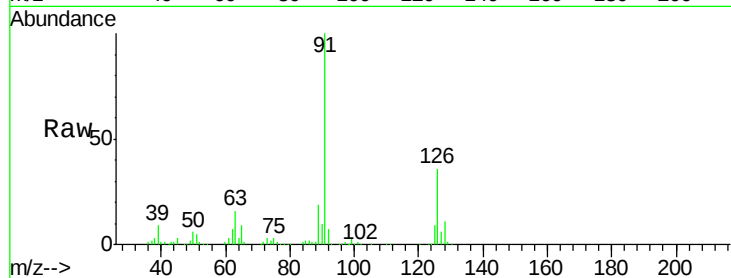
ClientSampled :

Tot Ion: 91 Resp: 156384

Ion Ratio Lower Upper

91 100

126 35.8 17.7 53.1



#80

1,3,5-Trimethylbenzene

Concen: 18.85 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002485.D

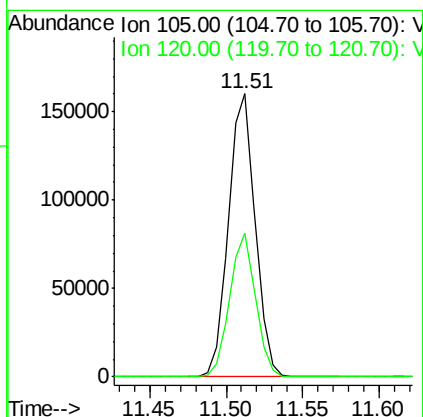
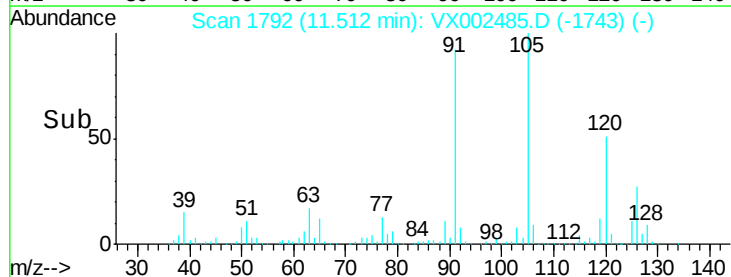
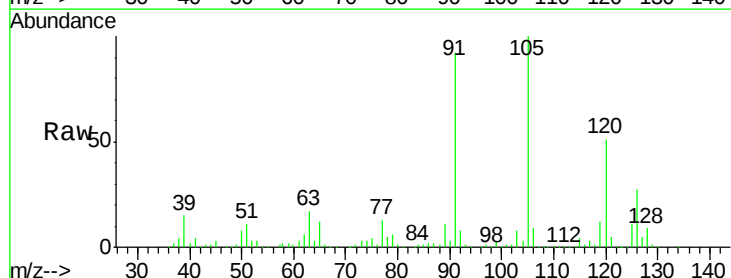
Acq: 13 Jun 2018 00:24

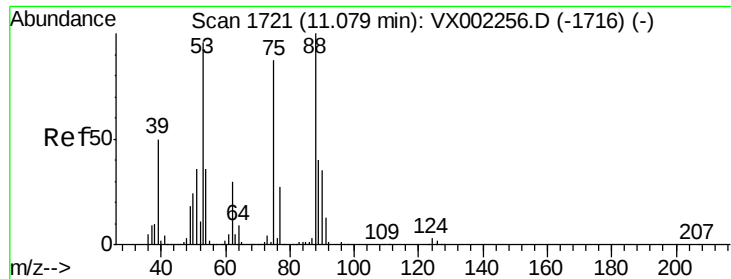
Tgt Ion: 105 Resp: 193246

Ion Ratio Lower Upper

105 100

120 49.4 24.4 73.4

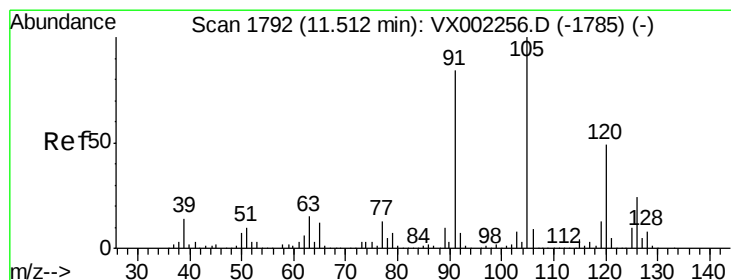
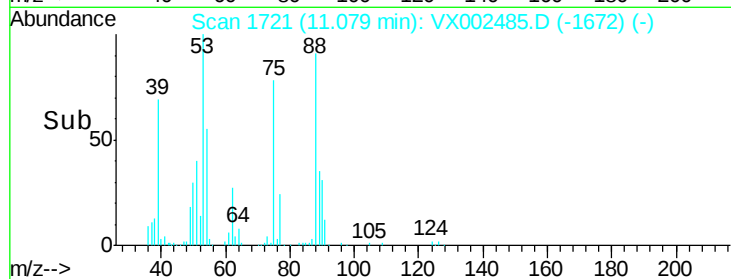
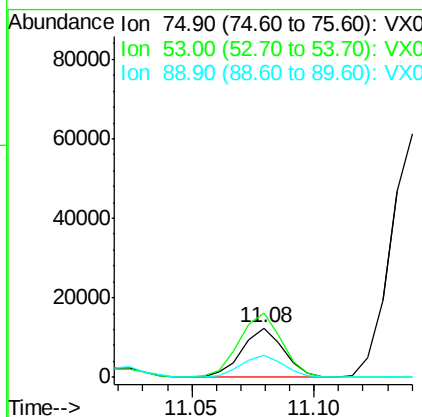
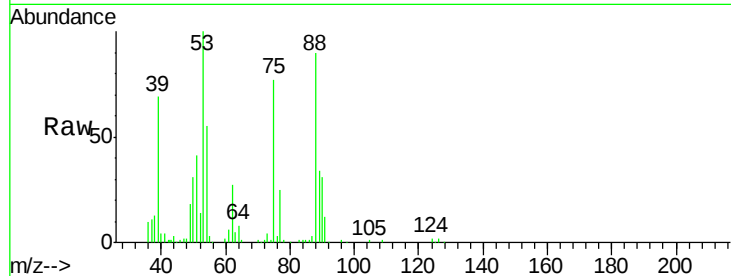




#81
trans-1,4-Dichloro-2-butene
Concen: 13.78 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. -0.00 min
Lab File: VX002485.D
Acq: 13 Jun 2018 00:24

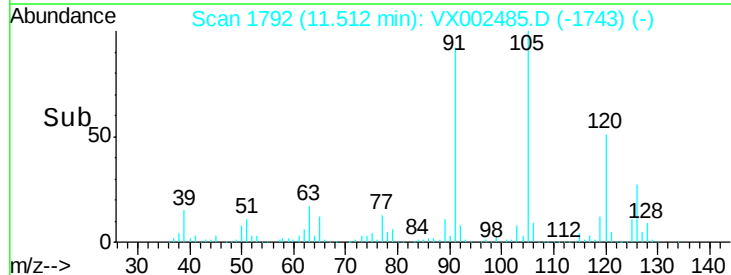
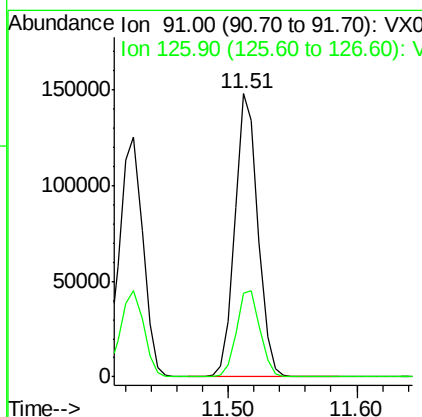
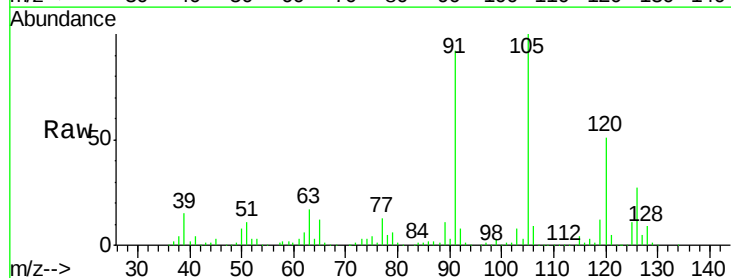
Instrument :
MSVOA_X
ClientSampled :

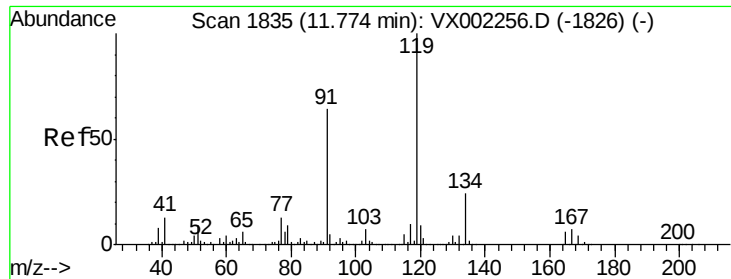
Tot Ion: 75 Resp: 14821
Ion Ratio Lower Upper
75 100
53 133.4 86.8 130.2#
89 45.9 38.2 57.2



#82
4-Chlorotoluene
Concen: 19.00 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX002485.D
Acq: 13 Jun 2018 00:24

Tgt Ion: 91 Resp: 183966
Ion Ratio Lower Upper
91 100
126 31.3 15.4 46.4

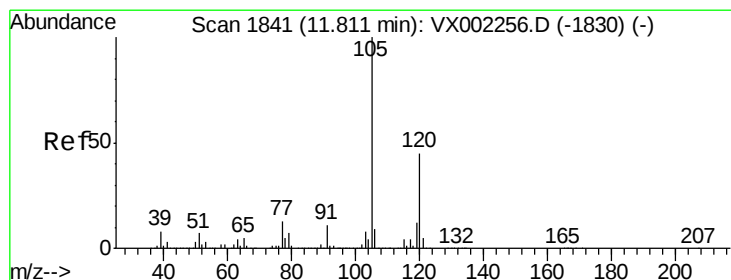
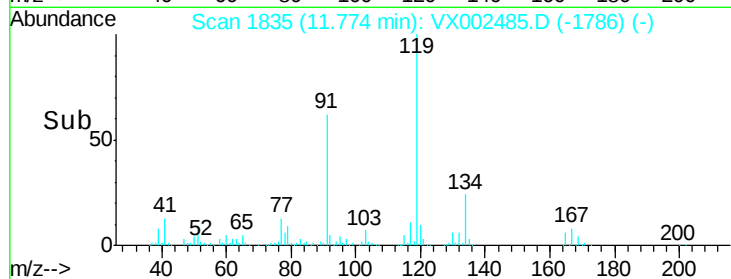
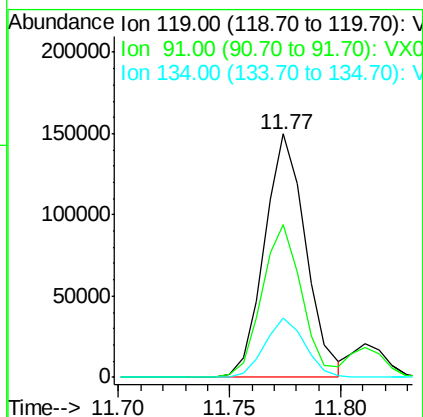
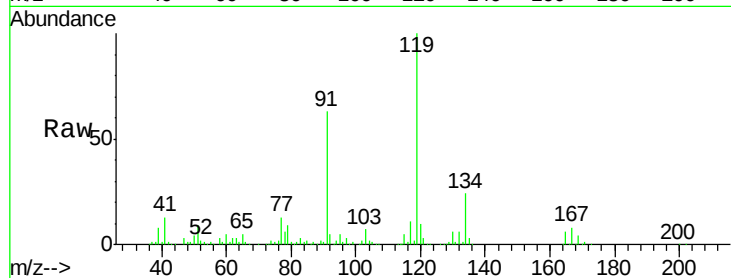




#83
 tert-Butylbenzene
 Concen: 19.31 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002485.D
 Acq: 13 Jun 2018 00:24

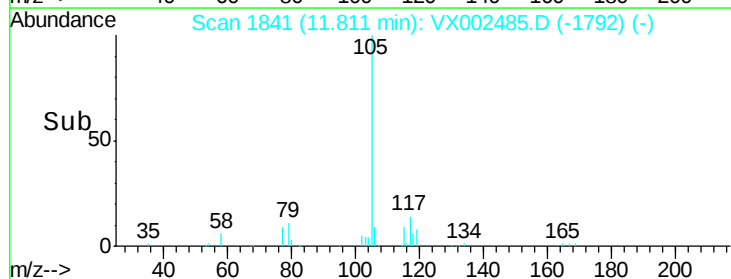
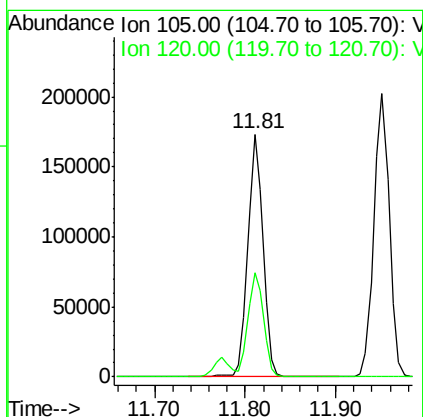
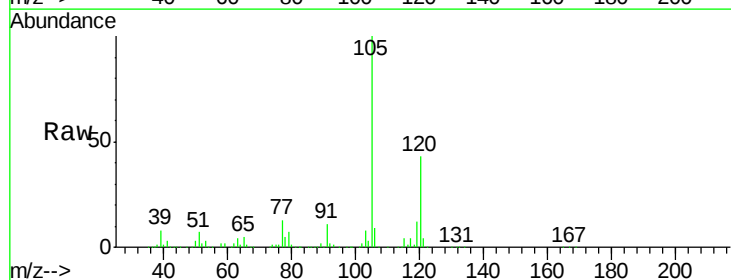
Instrument :
 MSVOA_X
 ClientSampleId :

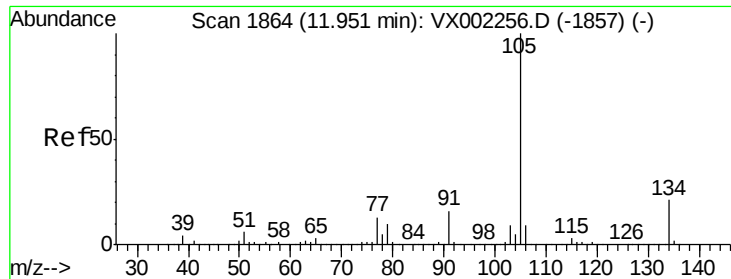
Tot Ion:119 Resp: 192787
 Ion Ratio Lower Upper
 119 100
 91 61.1 30.3 90.9
 134 23.7 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 19.17 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002485.D
 Acq: 13 Jun 2018 00:24

Tgt Ion:105 Resp: 202314
 Ion Ratio Lower Upper
 105 100
 120 43.5 22.3 66.8





#85

sec-Butylbenzene

Concen: 20.36 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002485.D

Acq: 13 Jun 2018 00:24

Instrument :

MSVOA_X

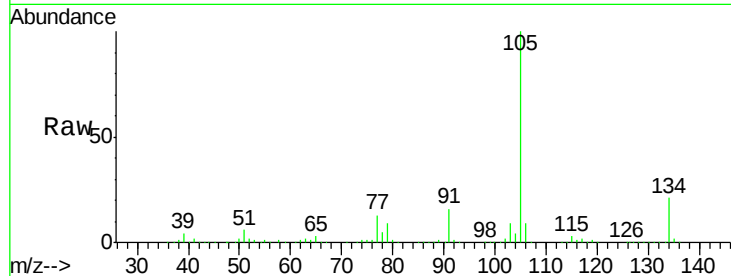
ClientSampleId :

Tot Ion:105 Resp: 238211

Ion Ratio Lower Upper

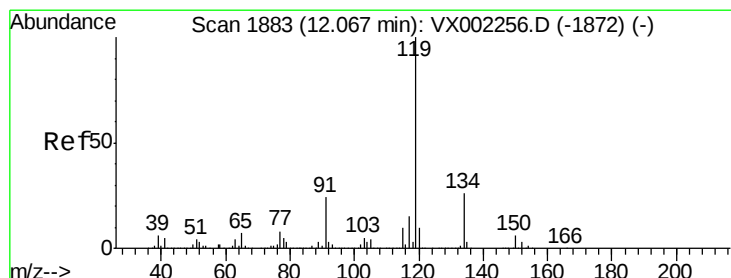
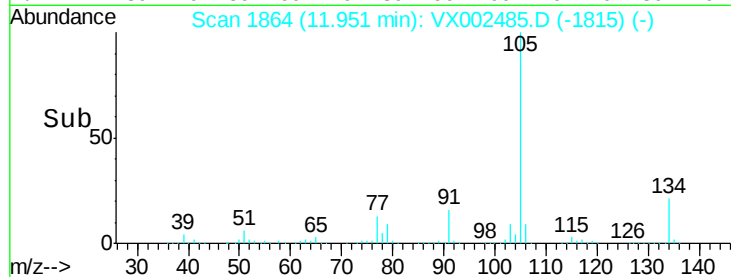
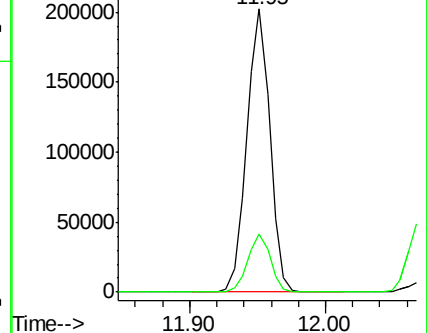
105 100

134 20.3 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.67 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002485.D

Acq: 13 Jun 2018 00:24

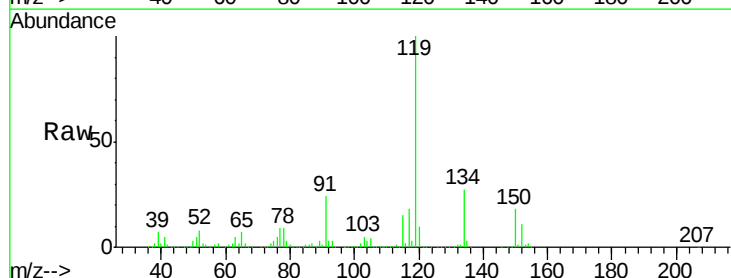
Tgt Ion:119 Resp: 209690

Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.1

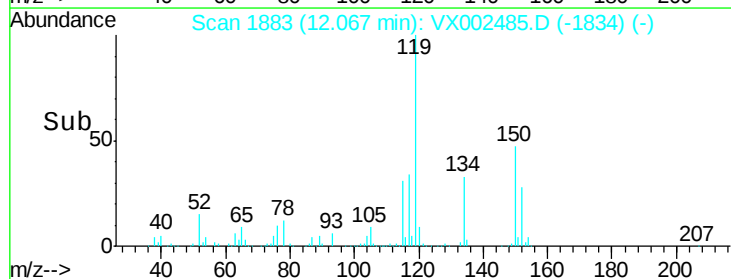
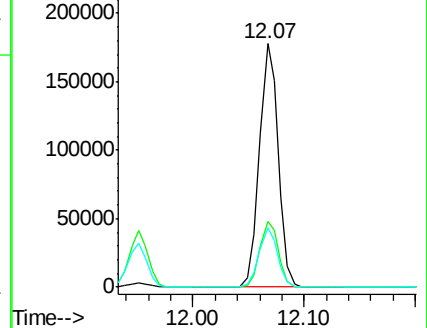
91 24.2 11.9 35.7

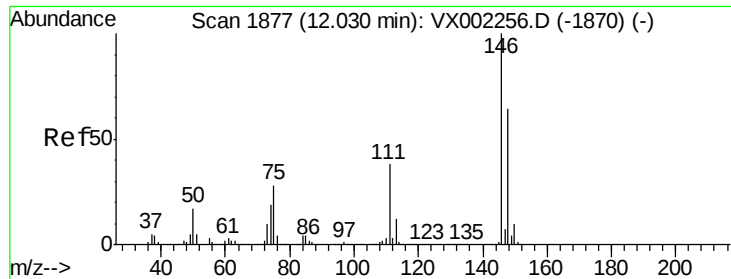


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 19.11 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX002485.D

Acq: 13 Jun 2018 00:24

Instrument :

MSVOA_X

ClientSampleId :

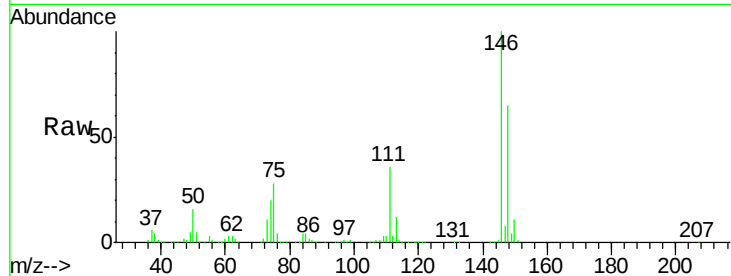
Tot Ion:146 Resp: 114668

Ion Ratio Lower Upper

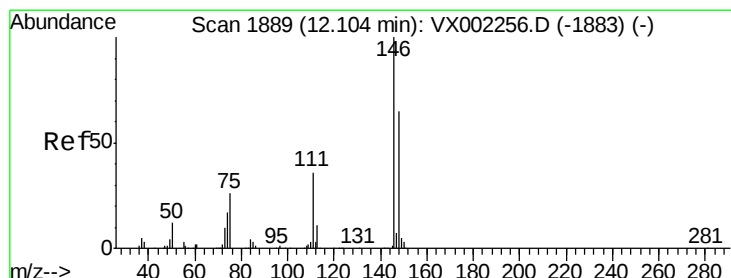
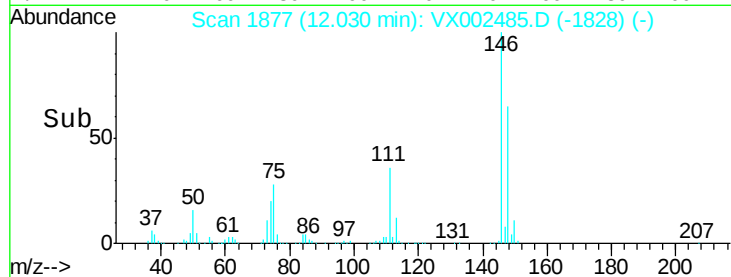
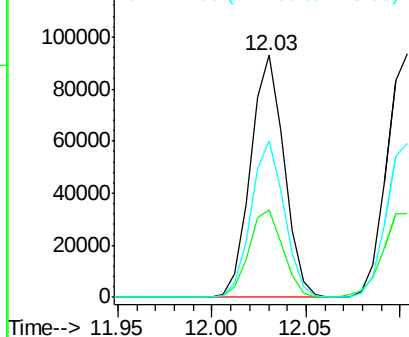
146 100

111 37.0 18.9 56.7

148 63.8 32.1 96.3



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



#88

1,4-Dichlorobenzene

Concen: 18.89 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX002485.D

Acq: 13 Jun 2018 00:24

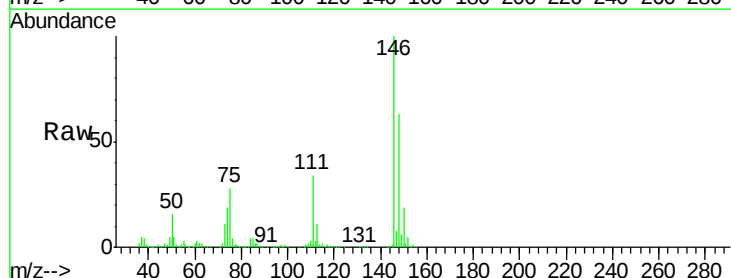
Tgt Ion:146 Resp: 116822

Ion Ratio Lower Upper

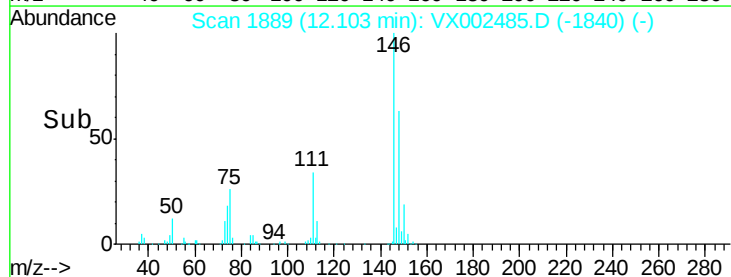
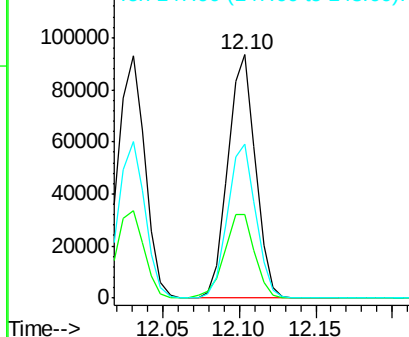
146 100

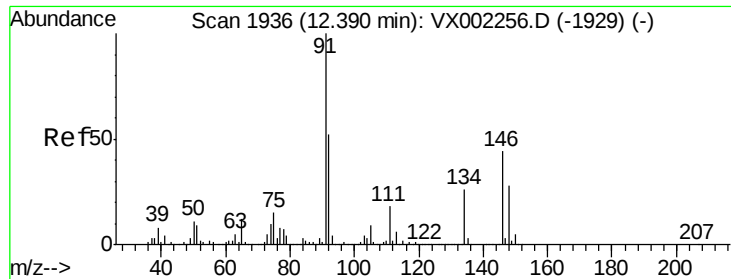
111 37.8 18.7 56.1

148 64.3 32.4 97.0



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: 19.99 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX002485.D

Acq: 13 Jun 2018 00:24

Instrument :

MSVOA_X

ClientSampled :

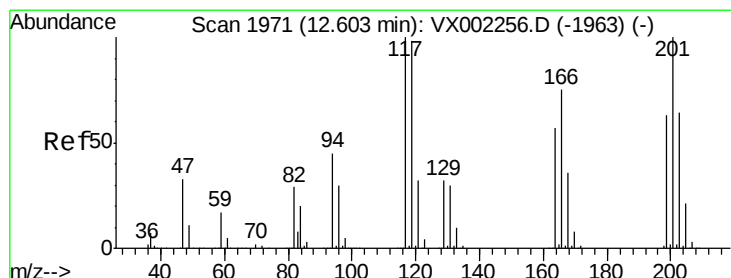
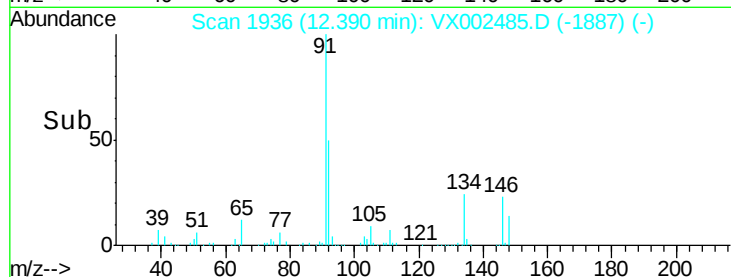
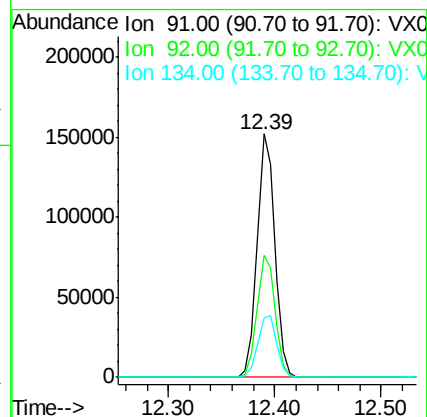
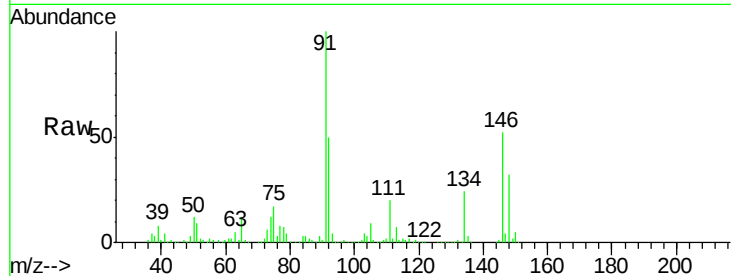
Tot Ion: 91 Resp: 178707

Ion Ratio Lower Upper

91 100

92 50.8 26.0 78.0

134 26.8 13.5 40.5



#90

Hexachloroethane

Concen: 17.10 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX002485.D

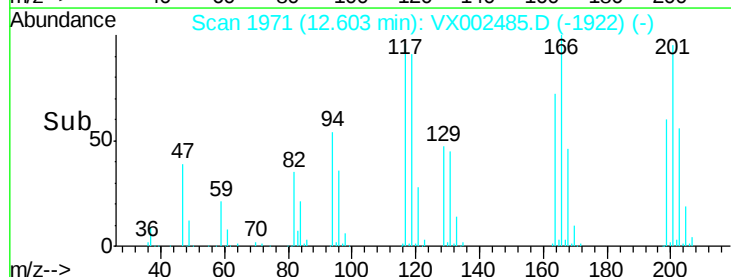
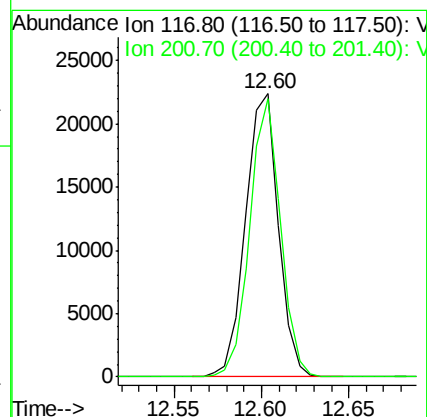
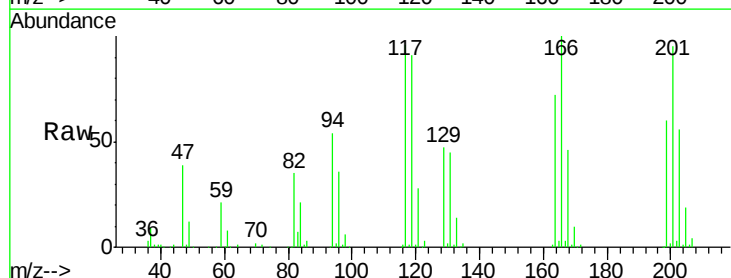
Acq: 13 Jun 2018 00:24

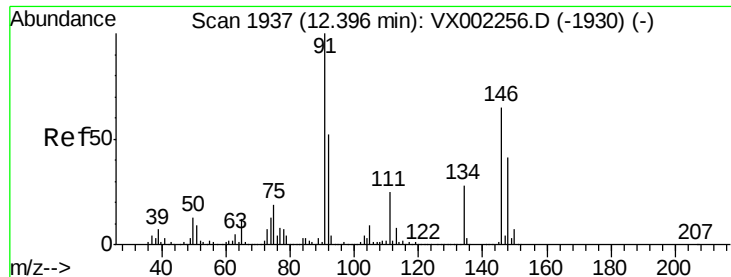
Tgt Ion: 117 Resp: 29101

Ion Ratio Lower Upper

117 100

201 92.1 49.0 147.0





#91

1,2-Dichlorobenzene

Concen: 19.25 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX002485.D

Acq: 13 Jun 2018 00:24

Instrument :

MSVOA_X

ClientSampleId :

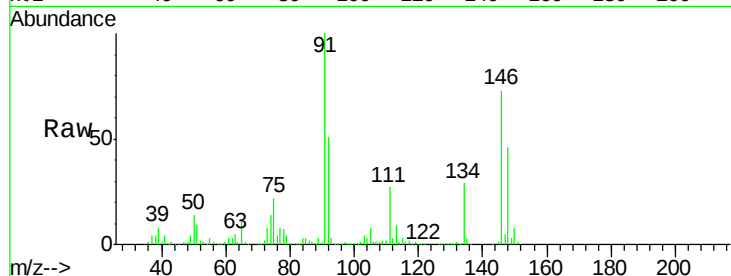
Tot Ion:146 Resp: 119503

Ion Ratio Lower Upper

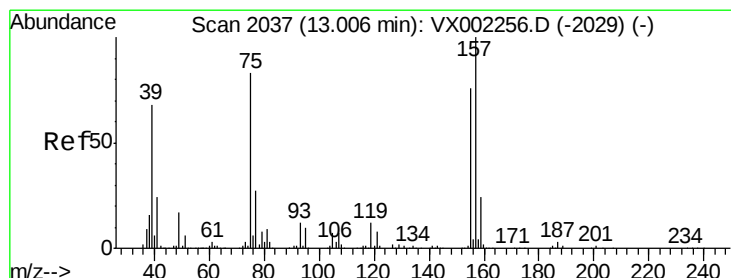
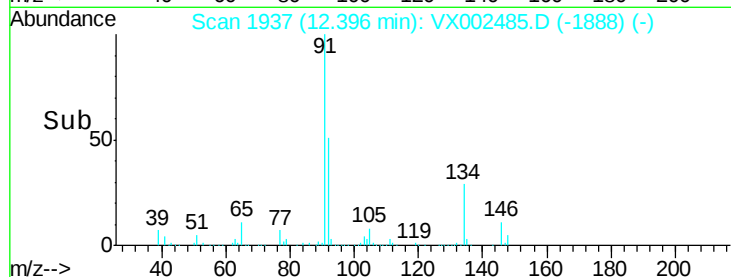
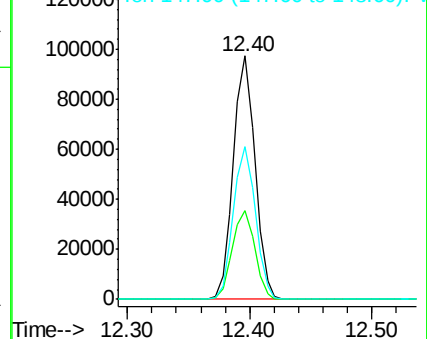
146 100

111 37.7 19.4 58.1

148 63.5 31.7 95.1



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.22 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. -0.00 min

Lab File: VX002485.D

Acq: 13 Jun 2018 00:24

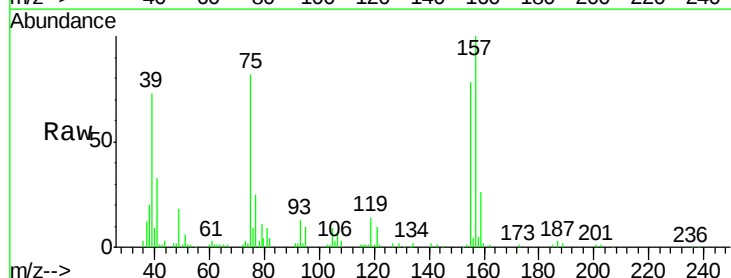
Tgt Ion: 75 Resp: 14980

Ion Ratio Lower Upper

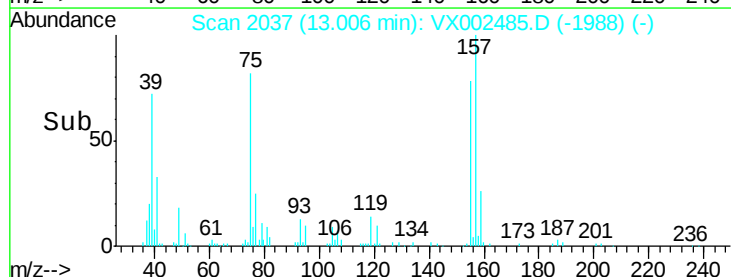
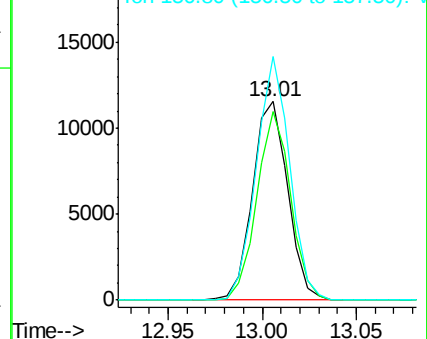
75 100

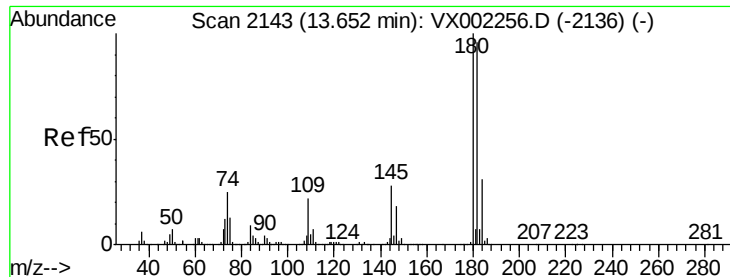
155 91.0 45.8 137.4

157 116.1 60.1 180.3



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

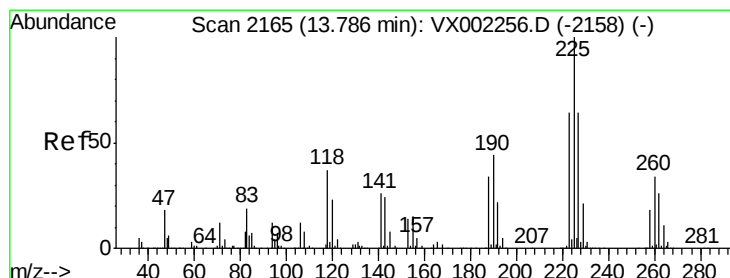
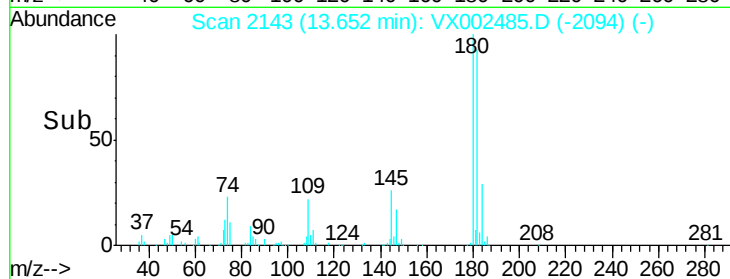
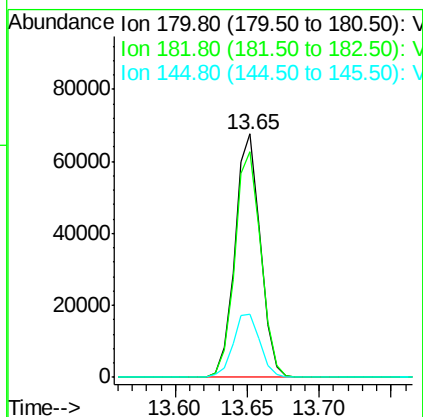
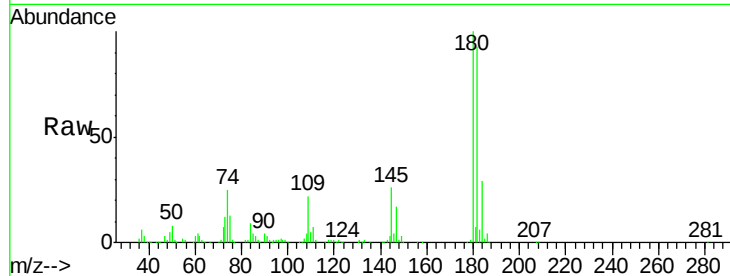




#93
 1,2,4-Trichlorobenzene
 Concen: 19.11 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002485.D
 Acq: 13 Jun 2018 00:24

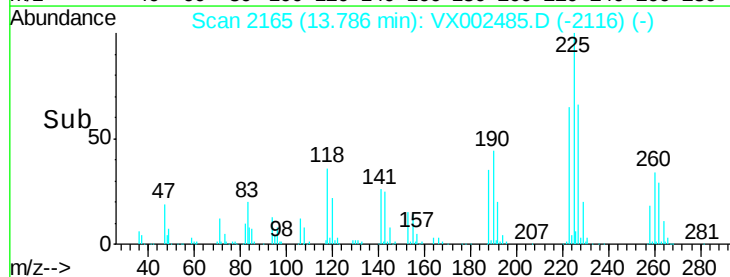
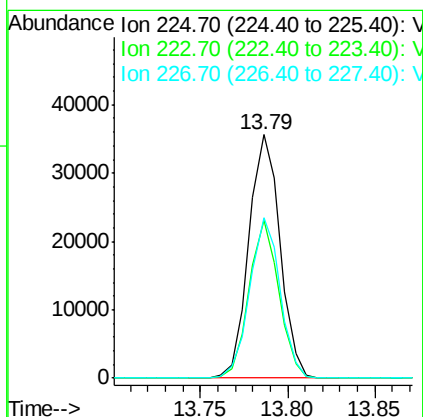
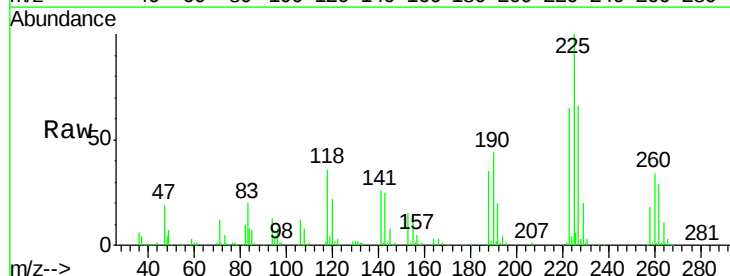
Instrument :
 MSVOA_X
 ClientSampleId :

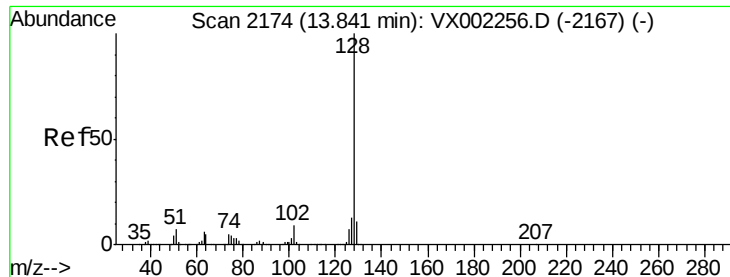
Tot Ion:180 Resp: 83173
 Ion Ratio Lower Upper
 180 100
 182 95.2 47.7 143.1
 145 27.6 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 20.47 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002485.D
 Acq: 13 Jun 2018 00:24

Tgt Ion:225 Resp: 44019
 Ion Ratio Lower Upper
 225 100
 223 62.2 31.6 95.0
 227 64.5 32.4 97.2





#95

Naphthalene

Concen: 19.30 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002485.D

Acq: 13 Jun 2018 00:24

Instrument :

MSVOA_X

ClientSampled :

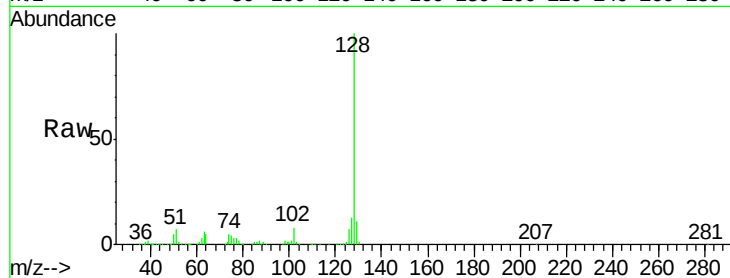
Tot Ion:128 Resp: 241371

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

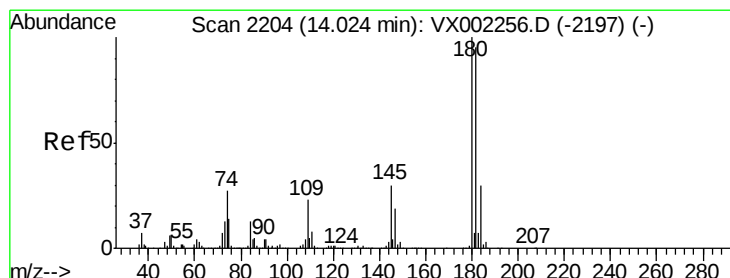
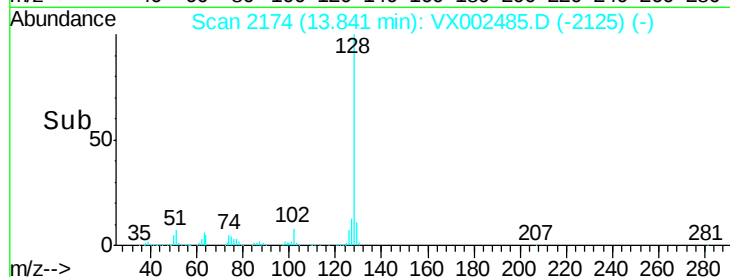
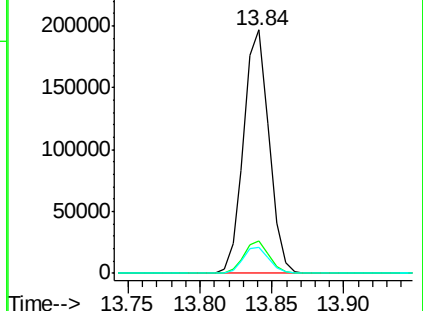
129 11.1 8.6 13.0



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: 19.40 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX002485.D

Acq: 13 Jun 2018 00:24

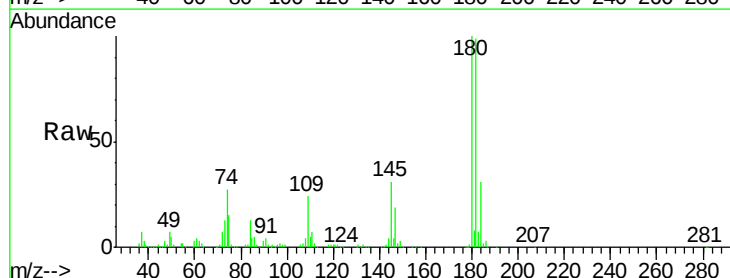
Tgt Ion:180 Resp: 86123

Ion Ratio Lower Upper

180 100

182 96.0 48.0 144.0

145 30.7 14.8 44.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

