

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060918\
 Data File : VX002419.D
 Acq On : 09 Jun 2018 14:14
 Operator : JC/MD
 Sample : VX0609WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 11 04:04:52 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	270154	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	375567	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	359503	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	227413	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	158592	40.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.78%	
35) Dibromofluoromethane	5.51	113	123103	41.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.36%	
50) Toluene-d8	8.72	98	475125	41.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.94%	
62) 4-Bromofluorobenzene	11.14	95	177595	40.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	54397	19.37	ug/l	95
3) Chloromethane	1.32	50	58107	16.11	ug/l	99
4) Vinyl Chloride	1.40	62	66742	18.86	ug/l	99
5) Bromomethane	1.64	94	35965	15.66	ug/l	100
6) Chloroethane	1.73	64	44477	19.43	ug/l	99
7) Trichlorofluoromethane	1.93	101	117487	21.79	ug/l	97
8) Diethyl Ether	2.19	74	40741	19.81	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	67137	23.07	ug/l	100
10) Methyl Iodide	2.51	142	54267	13.26	ug/l	98
11) Tert butyl alcohol	3.07	59	73659	79.54	ug/l	97
12) 1,1-Dichloroethene	2.37	96	57194	19.89	ug/l	98
13) Acrolein	2.29	56	30387	72.28	ug/l	100
14) Allyl chloride	2.73	41	111978	17.94	ug/l	98
15) Acrylonitrile	3.15	53	167004	95.59	ug/l	98
16) Acetone	2.45	43	183057	98.57	ug/l	97
17) Carbon Disulfide	2.57	76	133849	17.66	ug/l	98
18) Methyl Acetate	2.78	43	81221	19.33	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	212792	19.80	ug/l	97
20) Methylene Chloride	2.86	84	63460	19.07	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	60957	19.22	ug/l	98
22) Diisopropyl ether	3.87	45	217742	19.99	ug/l	98
23) Vinyl Acetate	3.82	43	958174	94.70	ug/l	100
24) 1,1-Dichloroethane	3.70	63	120437	19.52	ug/l	98
25) 2-Butanone	4.71	43	223270	84.29	ug/l	98
26) 2,2-Dichloropropane	4.59	77	85176	17.66	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	60601	17.57	ug/l	96
28) Bromochloromethane	5.02	49	39934	12.56	ug/l	100
29) Tetrahydrofuran	5.17	42	139089	81.44	ug/l	98
30) Chloroform	5.22	83	107398	18.04	ug/l	97
31) Cyclohexane	5.58	56	94299	19.33	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	93677	18.56	ug/l	99
36) 1,1-Dichloropropene	5.80	75	77665	19.67	ug/l	99
37) Ethyl Acetate	4.86	43	85067	17.92	ug/l	99
38) Carbon Tetrachloride	5.79	117	81744	19.79	ug/l	99

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 ClientSampleId :

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 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	98231	20.29	ug/l	99
40) Benzene	6.15	78	231733	19.14	ug/l	100
41) Methacrylonitrile	5.06	41	49201	18.10	ug/l	99
42) 1,2-Dichloroethane	6.20	62	91536	19.03	ug/l	99
43) Isopropyl Acetate	6.47	43	142687	17.69	ug/l	100
44) Trichloroethene	7.21	130	66342	19.75	ug/l	95
45) 1,2-Dichloropropane	7.52	63	62295	19.06	ug/l	100
46) Dibromomethane	7.67	93	41304	18.64	ug/l	98
47) Bromodichloromethane	7.90	83	74229	18.52	ug/l	98
48) Methyl methacrylate	7.78	41	72895	17.99	ug/l	98
49) 1,4-Dioxane	7.76	88	27620	364.64	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	458883	91.37	ug/l	100
52) Toluene	8.79	92	150634	19.56	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	88333	18.38	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	82007	18.09	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	61019	19.27	ug/l	99
56) Ethyl methacrylate	9.18	69	91299	18.06	ug/l	99
57) 1,3-Dichloropropane	9.37	76	102093	19.22	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	223135	95.35	ug/l	99
59) 2-Hexanone	9.50	43	355977	91.76	ug/l	99
60) Dibromochloromethane	9.59	129	58186	18.27	ug/l	97
61) 1,2-Dibromoethane	9.68	107	63609	19.26	ug/l	98
64) Tetrachloroethene	9.34	164	71224	19.21	ug/l	97
65) Chlorobenzene	10.14	112	173207	19.36	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	62858	19.41	ug/l	98
67) Ethyl Benzene	10.26	91	301812	20.16	ug/l	99
68) m/p-Xylenes	10.36	106	231741	39.82	ug/l	100
69) o-Xylene	10.70	106	112348	19.40	ug/l	100
70) Styrene	10.71	104	185304	19.57	ug/l	99
71) Bromoform	10.86	173	44747	17.82	ug/l #	100
73) Isopropylbenzene	11.02	105	315653	19.95	ug/l	99
74) N-amyl acetate	6.47	43	142687	16.74	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	90083	18.10	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	100861	20.21	ug/l	80
77) Bromobenzene	11.26	156	81609	18.38	ug/l	99
78) n-propylbenzene	11.37	91	362558	20.62	ug/l	100
79) 2-Chlorotoluene	11.43	91	210678	18.98	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	264055	19.46	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	21504	15.11	ug/l	89
82) 4-Chlorotoluene	11.51	91	248450	19.39	ug/l	100
83) tert-Butylbenzene	11.77	119	264807	20.04	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	273941	19.61	ug/l	99
85) sec-Butylbenzene	11.95	105	330049	21.31	ug/l	100
86) p-Isopropyltoluene	12.07	119	295054	20.91	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	155229	19.55	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	154912	18.93	ug/l	99
89) n-Butylbenzene	12.39	91	256228	21.65	ug/l	100
90) Hexachloroethane	12.60	117	40130	17.82	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	156674	19.07	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	18774	17.25	ug/l	98

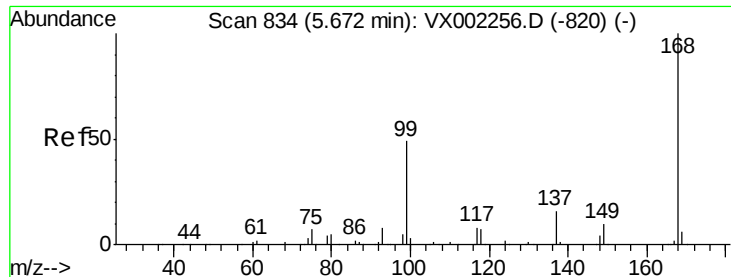
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060918\
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Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	114566	19.89	ug/l	99
94) Hexachlorobutadiene	13.79	225	65091	22.86	ug/l	99
95) Naphthalene	13.84	128	315045	19.03	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	117546	20.01	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002419.D

Acq: 09 Jun 2018 14:14

Instrument :

MSVOA_X

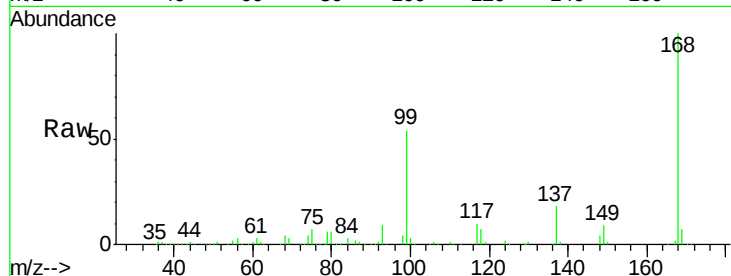
ClientSampleId :

Tot Ion:168 Resp: 270154

Ion Ratio Lower Upper

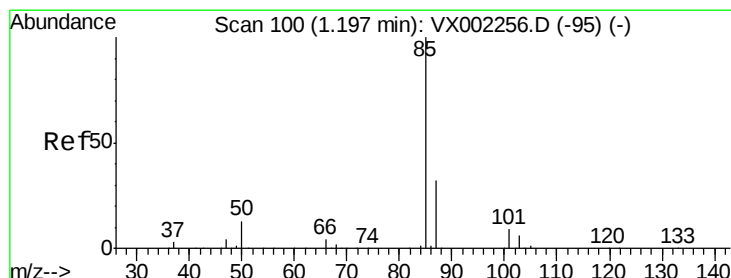
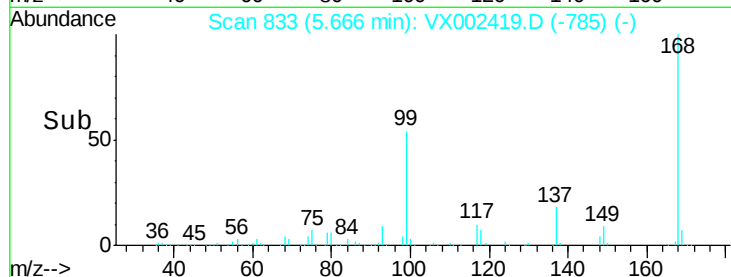
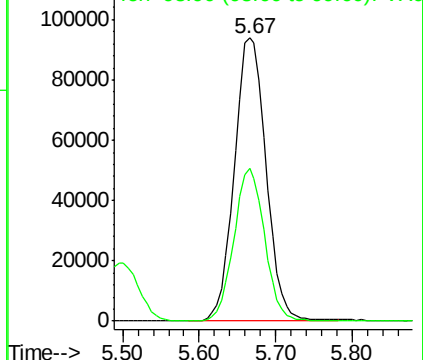
168 100

99 53.9 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 19.37 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX002419.D

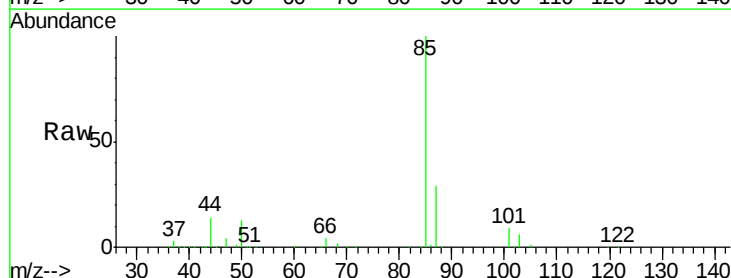
Acq: 09 Jun 2018 14:14

Tgt Ion: 85 Resp: 54397

Ion Ratio Lower Upper

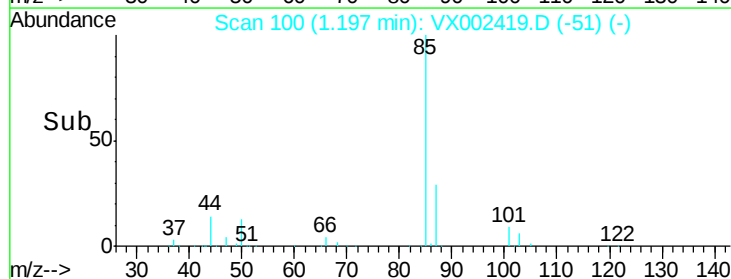
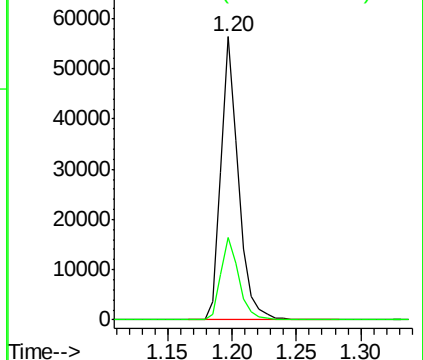
85 100

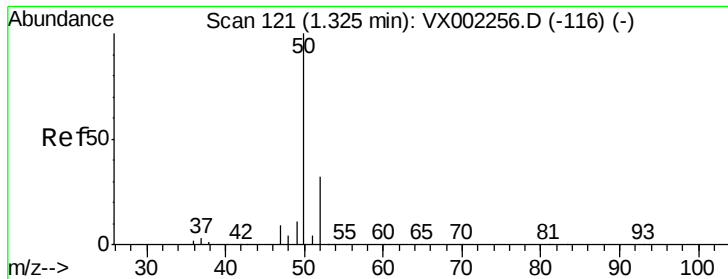
87 29.0 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

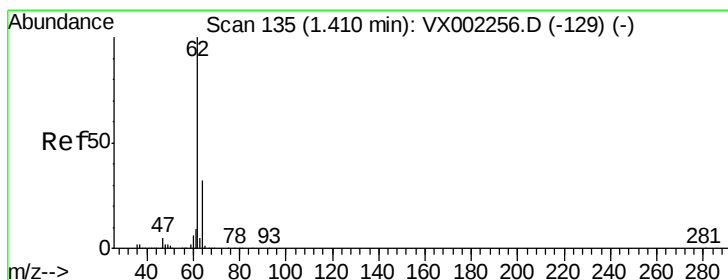
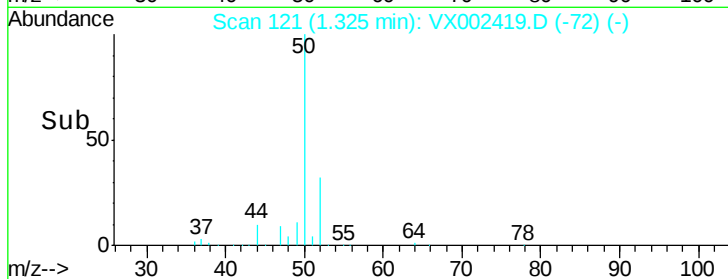
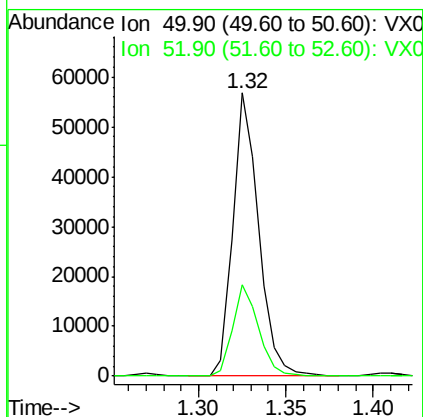
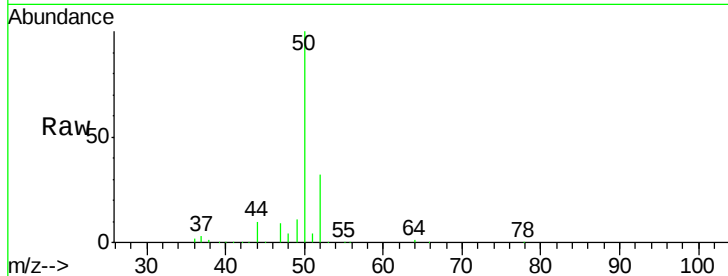




#3
Chloromethane
Concen: 16.11 ug/l
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX002419.D
Acq: 09 Jun 2018 14:14

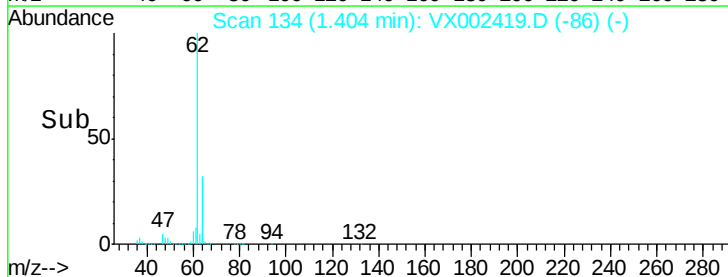
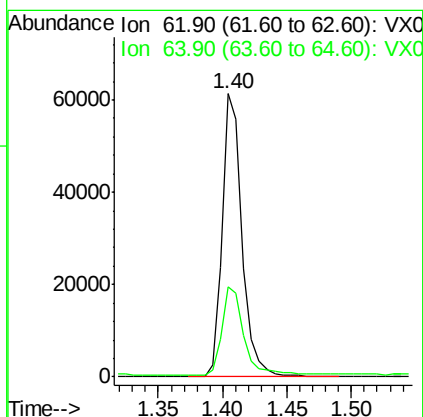
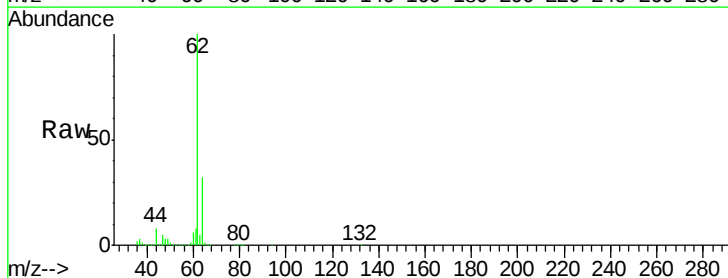
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 50 Resp: 58107
Ion Ratio Lower Upper
50 100
52 32.4 25.7 38.5



#4
Vinyl Chloride
Concen: 18.86 ug/l
RT: 1.40 min Scan# 134
Delta R.T. -0.01 min
Lab File: VX002419.D
Acq: 09 Jun 2018 14:14

Tgt Ion: 62 Resp: 66742
Ion Ratio Lower Upper
62 100
64 31.2 25.4 38.2





#5

Bromomethane

Concen: 15.66 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX002419.D

Acq: 09 Jun 2018 14:14

Instrument :

MSVOA_X

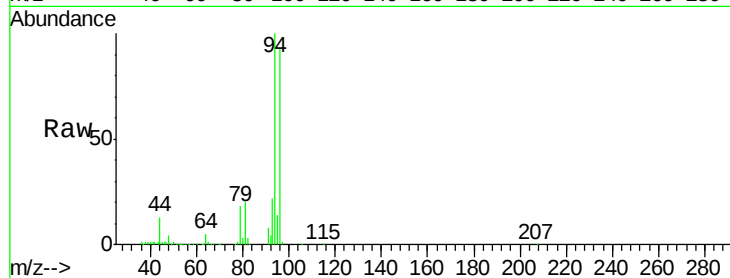
ClientSampleId :

Tot Ion: 94 Resp: 35965

Ion Ratio Lower Upper

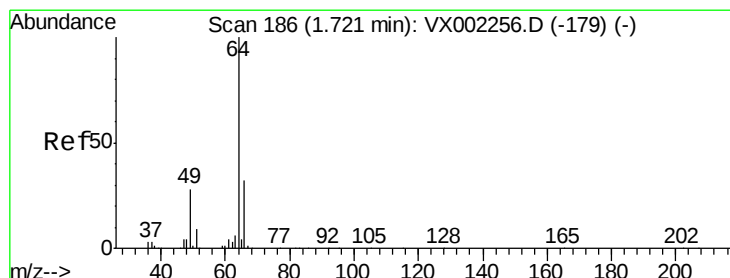
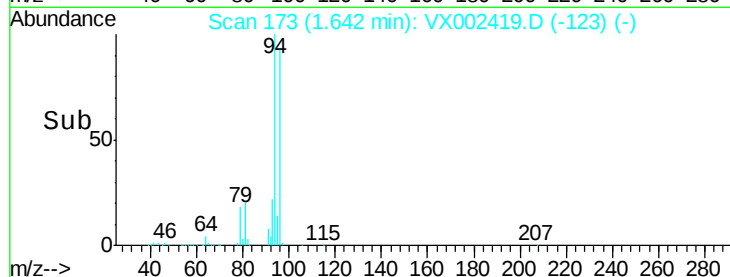
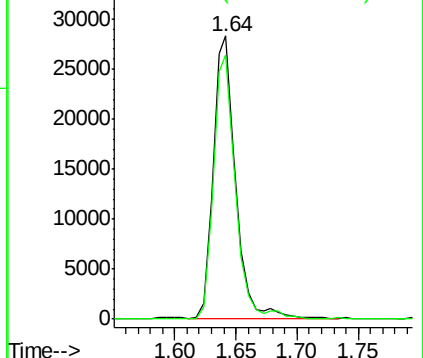
94 100

96 93.4 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: 19.43 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX002419.D

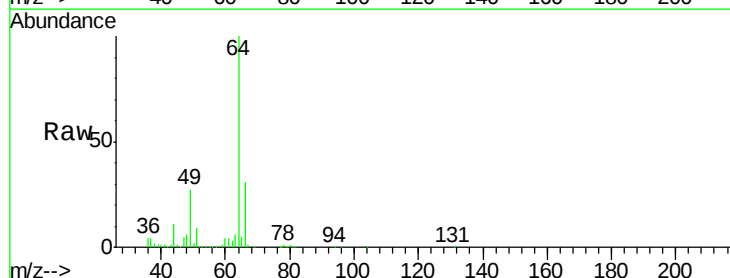
Acq: 09 Jun 2018 14:14

Tgt Ion: 64 Resp: 44477

Ion Ratio Lower Upper

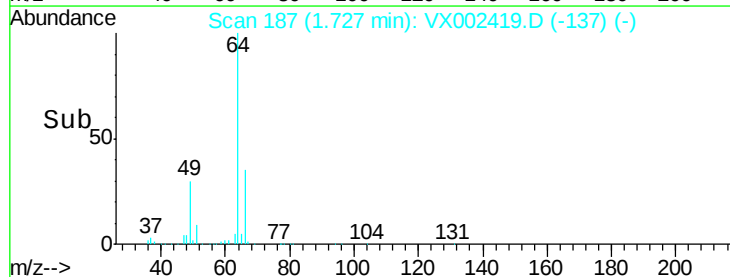
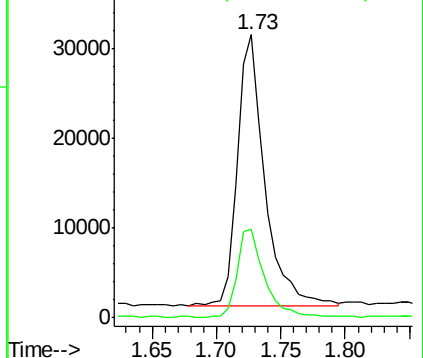
64 100

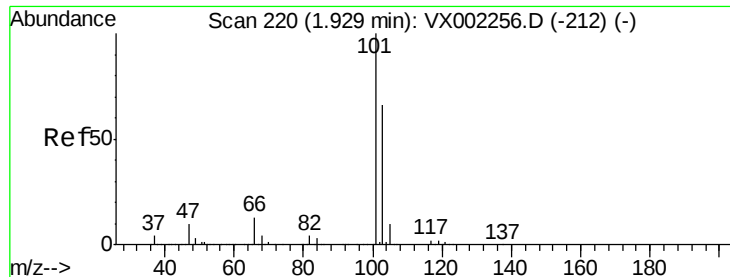
66 32.3 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



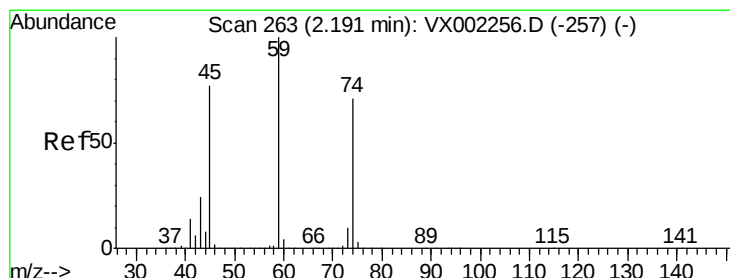
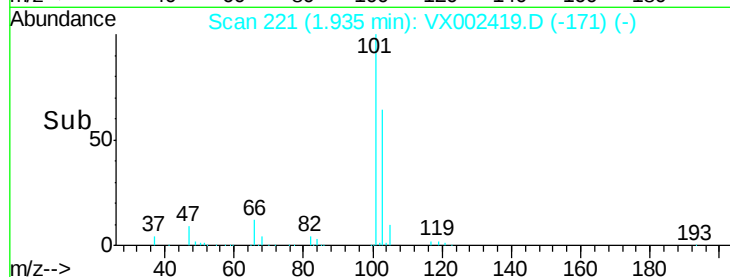
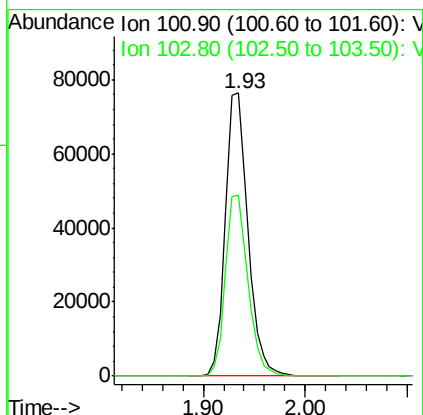
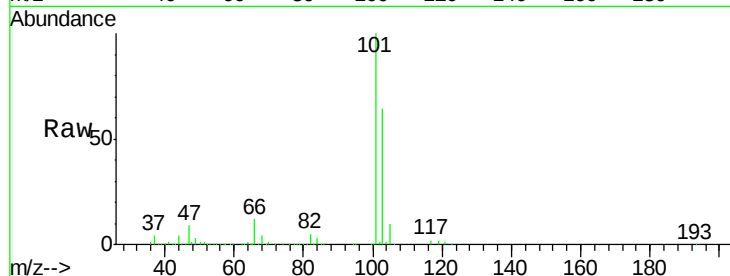


#7

Trichlorofluoromethane
 Concen: 21.79 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. 0.01 min
 Lab File: VX002419.D
 Acq: 09 Jun 2018 14:14

Instrument :
 MSVOA_X
 ClientSampleId :

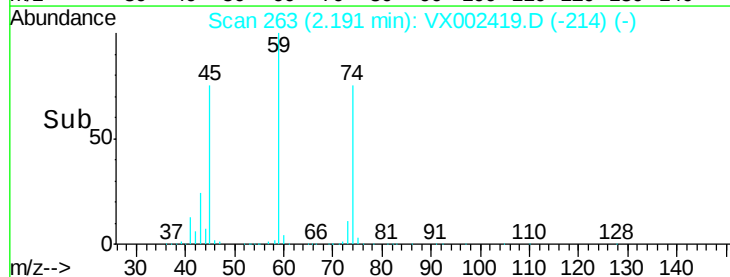
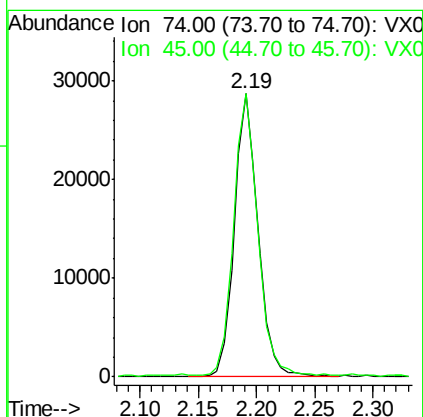
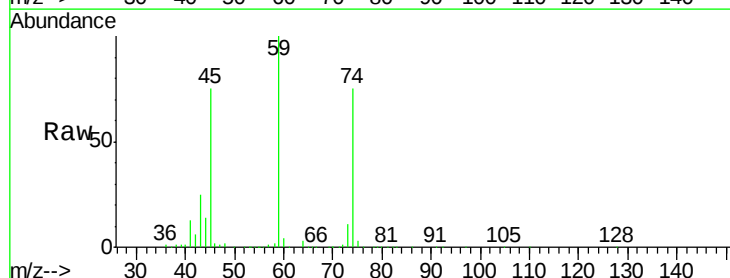
Tot Ion:101 Resp: 117487
 Ion Ratio Lower Upper
 101 100
 103 63.9 52.8 79.2

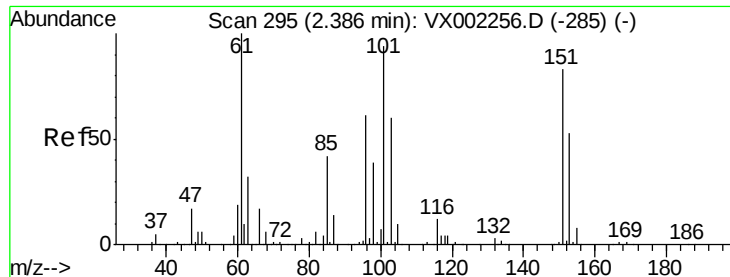


#8

Diethyl Ether
 Concen: 19.81 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX002419.D
 Acq: 09 Jun 2018 14:14

Tgt Ion: 74 Resp: 40741
 Ion Ratio Lower Upper
 74 100
 45 101.1 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 23.07 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX002419.D

Acq: 09 Jun 2018 14:14

Instrument :

MSVOA_X

ClientSampleId :

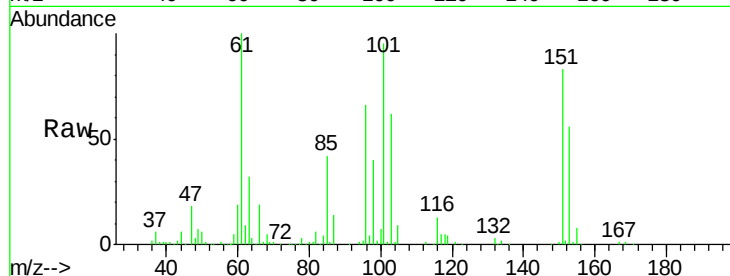
Tot Ion:101 Resp: 67137

Ion Ratio Lower Upper

101 100

85 45.4 36.0 54.0

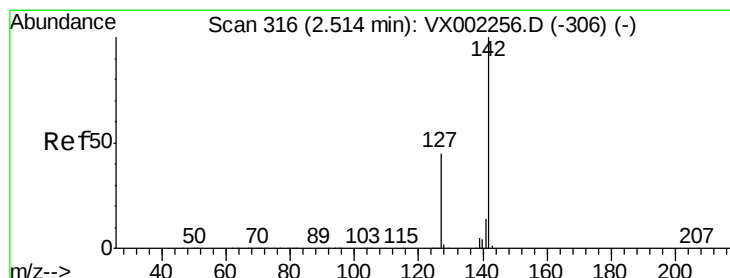
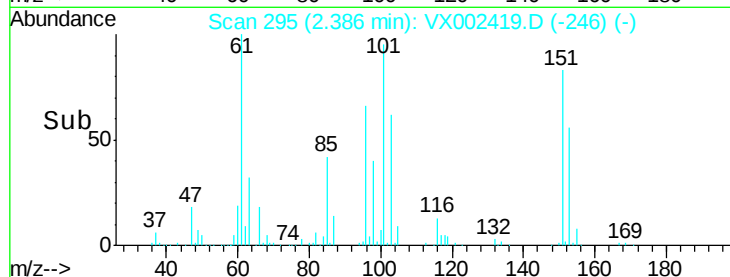
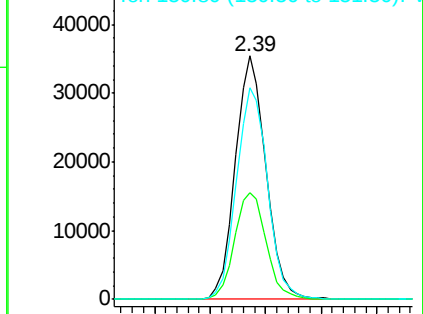
151 88.9 70.9 106.3



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: 13.26 ug/l

RT: 2.51 min Scan# 316

Delta R.T. -0.00 min

Lab File: VX002419.D

Acq: 09 Jun 2018 14:14

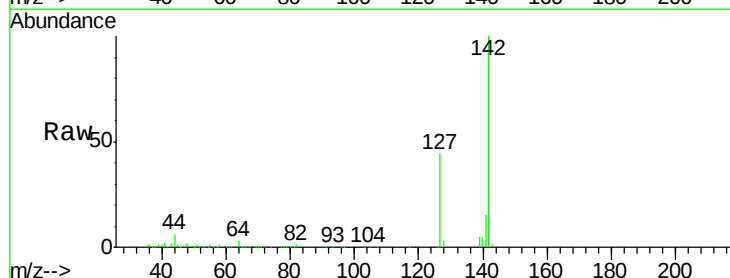
Tgt Ion:142 Resp: 54267

Ion Ratio Lower Upper

142 100

127 46.9 36.6 55.0

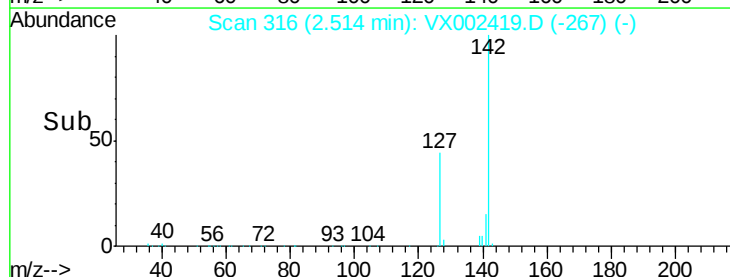
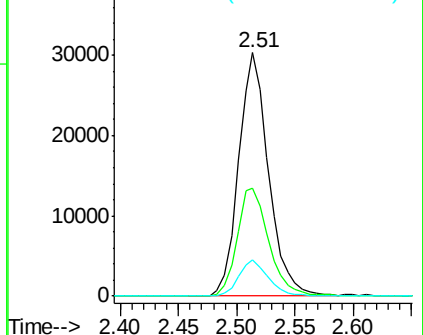
141 14.7 11.3 16.9

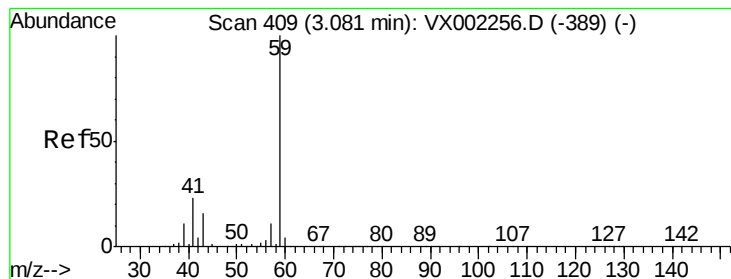


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 79.54 ug/l

RT: 3.07 min Scan# 407

Delta R.T. -0.01 min

Lab File: VX002419.D

Acq: 09 Jun 2018 14:14

Instrument :

MSVOA_X

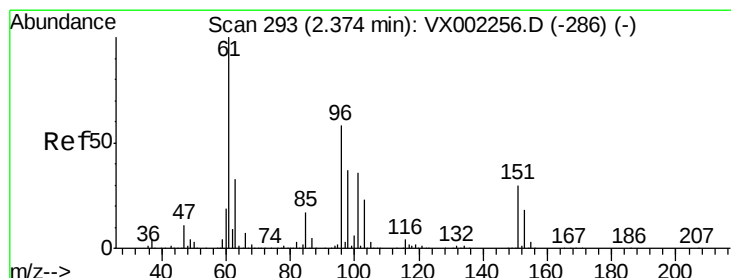
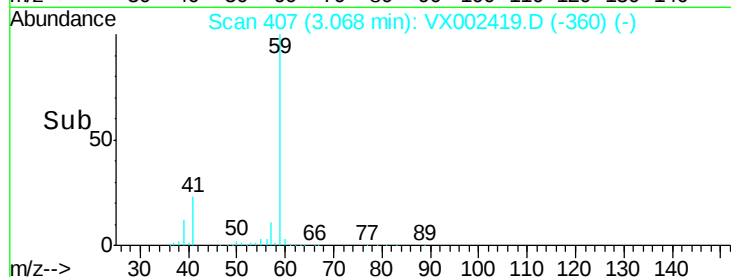
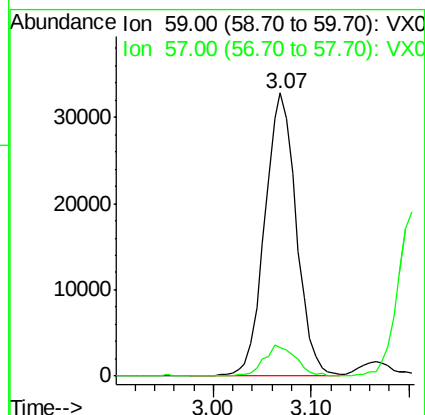
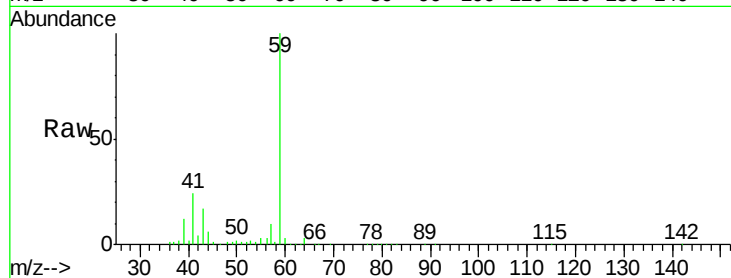
ClientSampleId :

Tot Ion: 59 Resp: 73659

Ion Ratio Lower Upper

59 100

57 11.4 8.2 12.2



#12

1,1-Dichloroethene

Concen: 19.89 ug/l

RT: 2.37 min Scan# 293

Delta R.T. -0.00 min

Lab File: VX002419.D

Acq: 09 Jun 2018 14:14

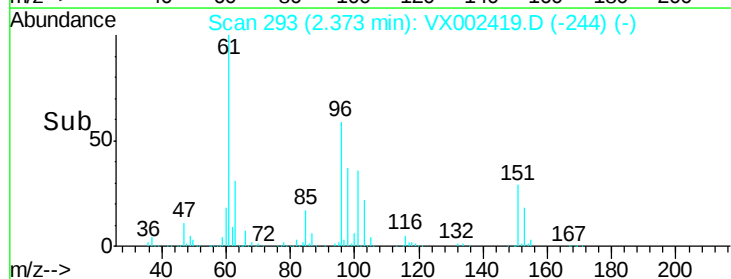
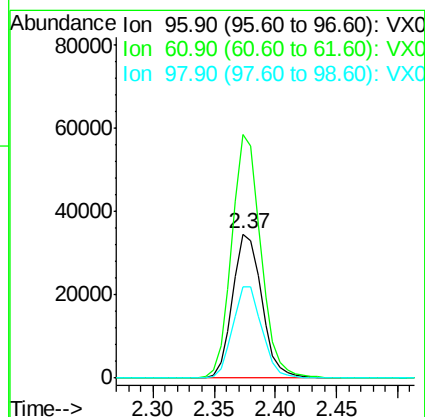
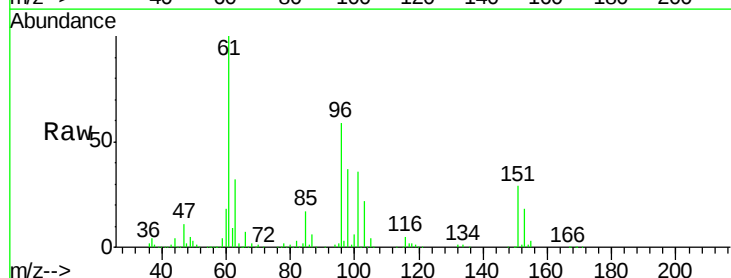
Tgt Ion: 96 Resp: 57194

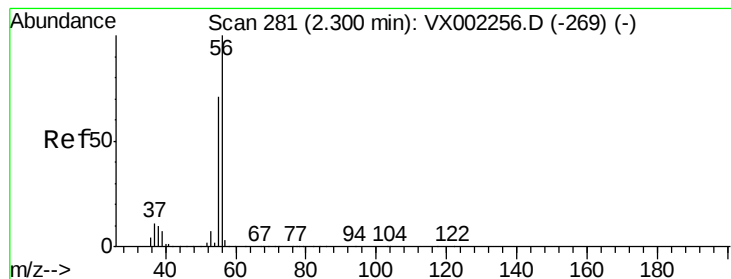
Ion Ratio Lower Upper

96 100

61 168.6 137.9 206.9

98 63.2 51.6 77.4





#13

Acrolein

Concen: 72.28 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX002419.D

Acq: 09 Jun 2018 14:14

Instrument :

MSVOA_X

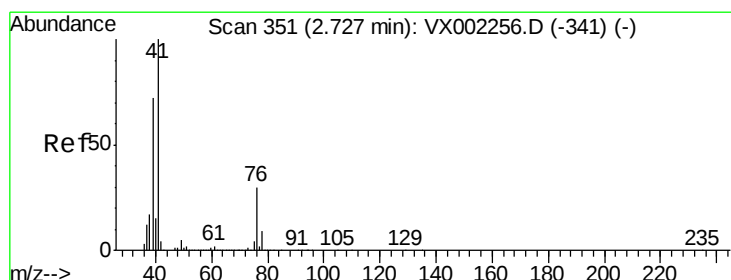
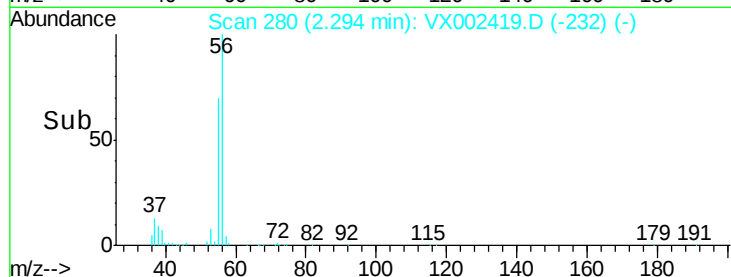
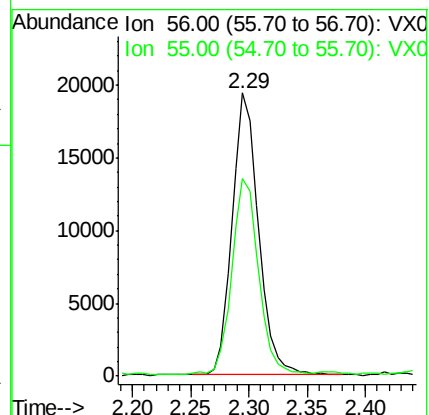
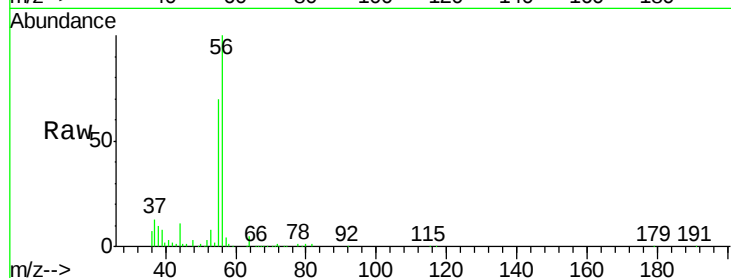
ClientSampleId :

Tot Ion: 56 Resp: 30387

Ion Ratio Lower Upper

56 100

55 71.0 57.0 85.4



#14

Allyl chloride

Concen: 17.94 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002419.D

Acq: 09 Jun 2018 14:14

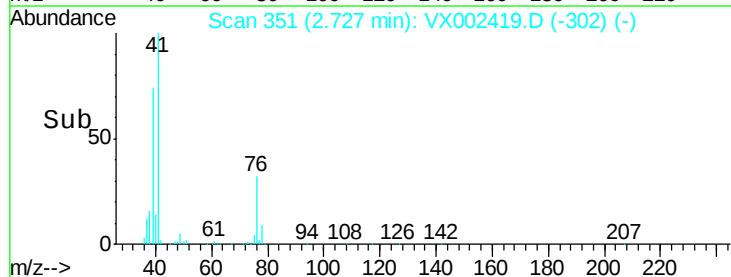
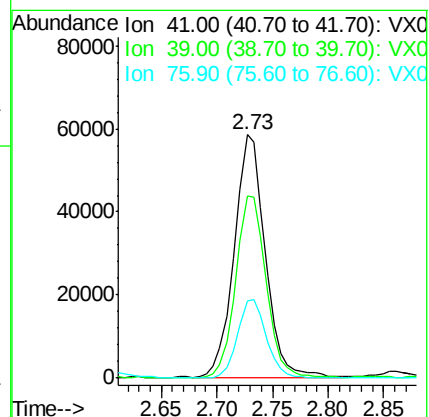
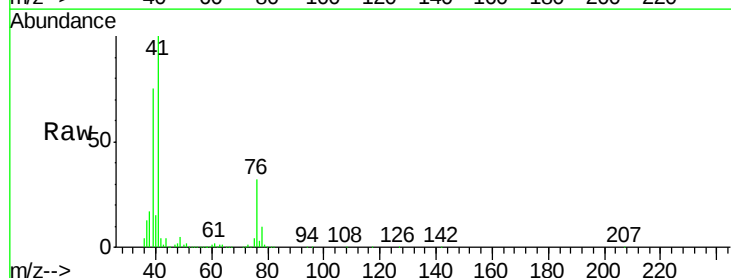
Tgt Ion: 41 Resp: 111978

Ion Ratio Lower Upper

41 100

39 73.5 56.8 85.2

76 30.2 23.8 35.8





#15

Acrylonitrile

Concen: 95.59 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002419.D

Acq: 09 Jun 2018 14:14

Instrument :
MSVOA_X
ClientSampled :

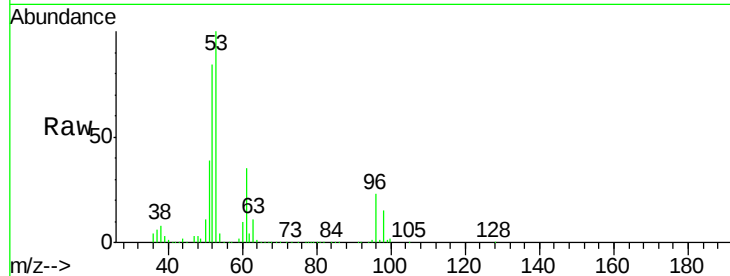
Tot Ion: 53 Resp: 167004

Ion Ratio Lower Upper

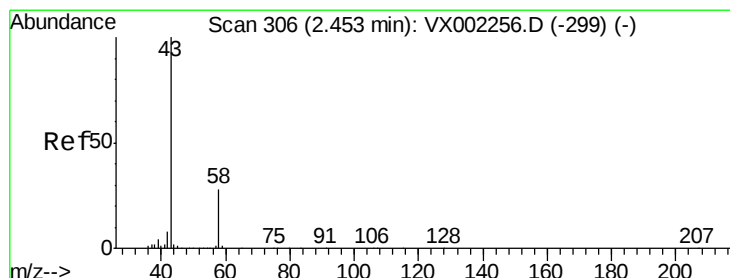
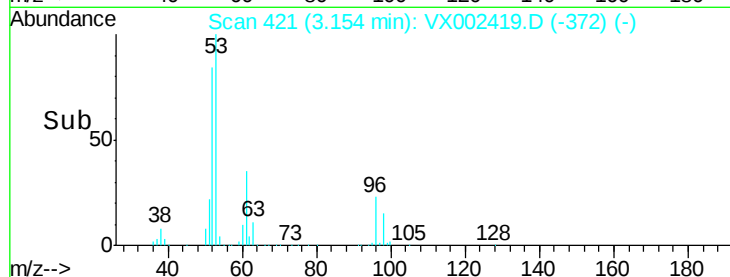
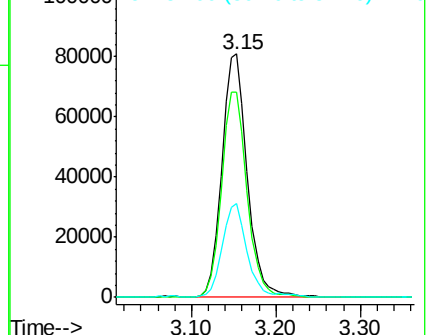
53 100

52 85.0 66.7 100.1

51 38.2 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: 98.57 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002419.D

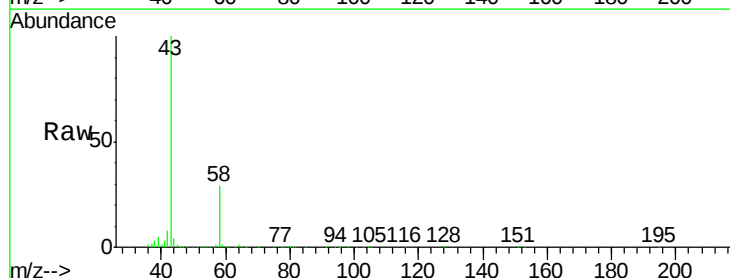
Acq: 09 Jun 2018 14:14

Tgt Ion: 43 Resp: 183057

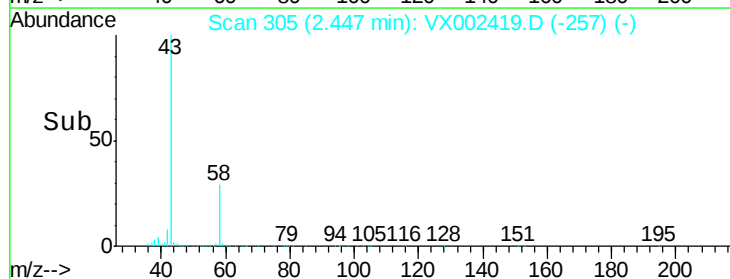
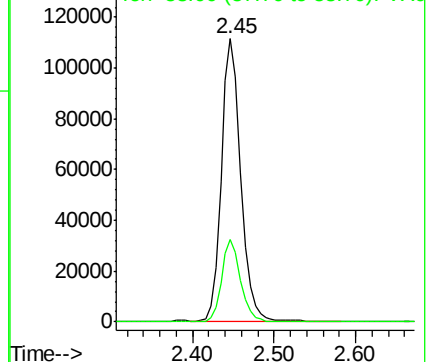
Ion Ratio Lower Upper

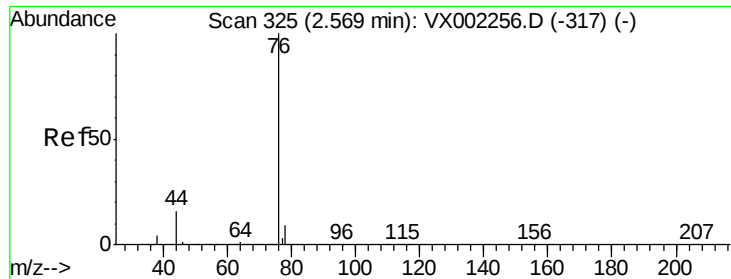
43 100

58 29.3 22.1 33.1



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

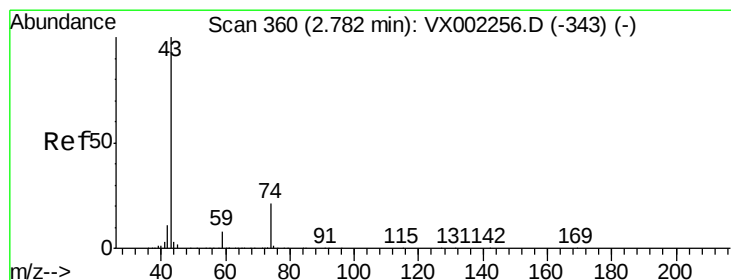
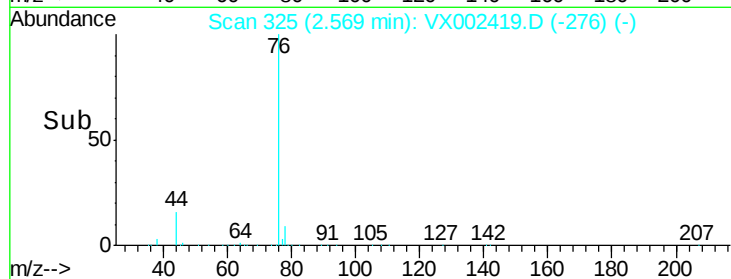
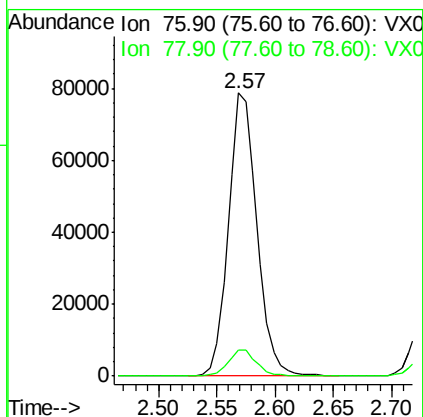
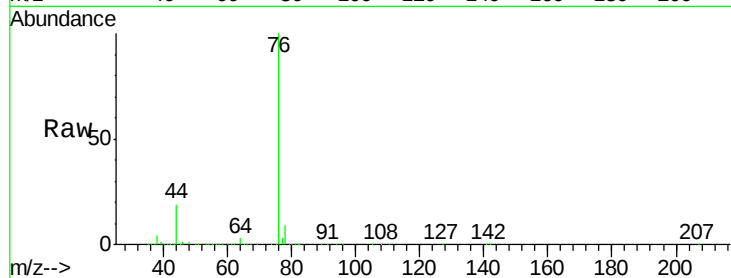




#17
Carbon Disulfide
Concen: 17.66 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX002419.D
Acq: 09 Jun 2018 14:14

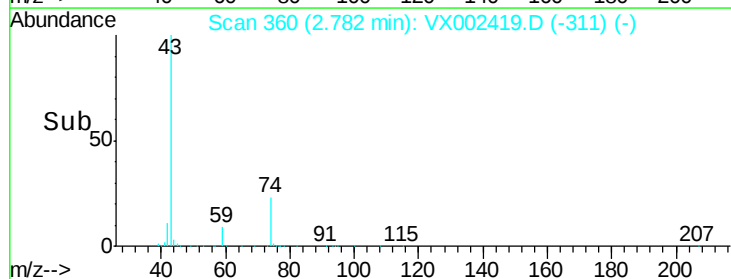
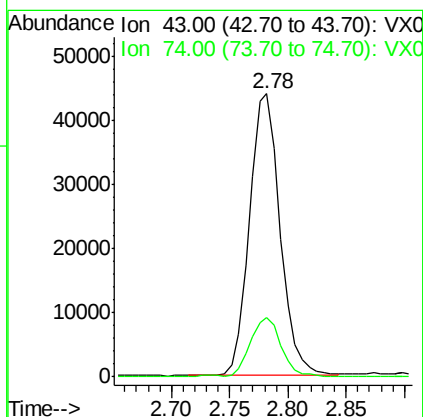
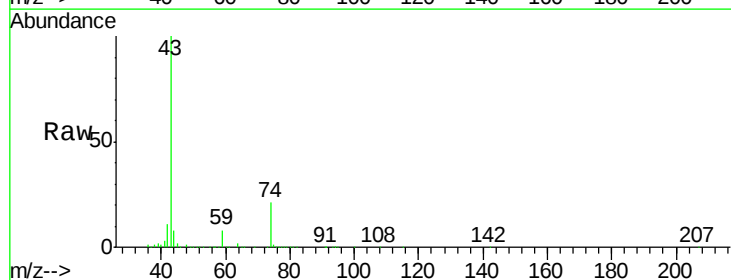
Instrument :
MSVOA_X
ClientSampleId :

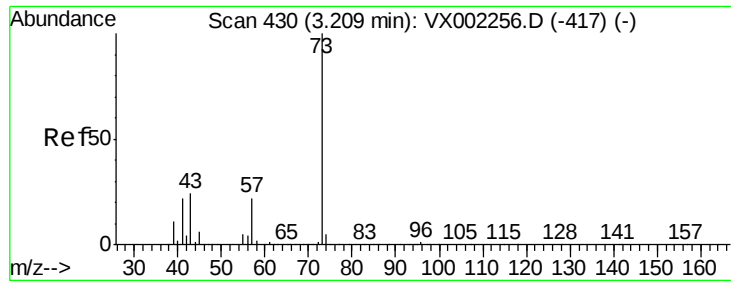
Tot Ion: 76 Resp: 133849
Ion Ratio Lower Upper
76 100
78 9.2 6.9 10.3



#18
Methyl Acetate
Concen: 19.33 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX002419.D
Acq: 09 Jun 2018 14:14

Tgt Ion: 43 Resp: 81221
Ion Ratio Lower Upper
43 100
74 20.9 16.7 25.1

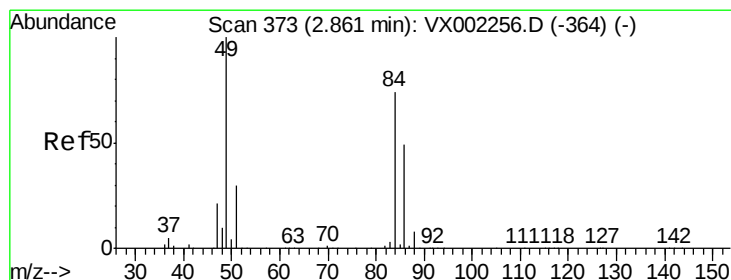
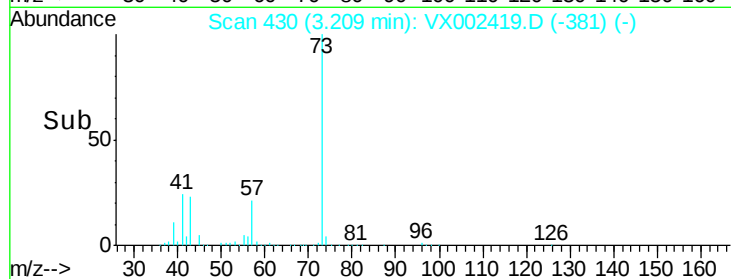
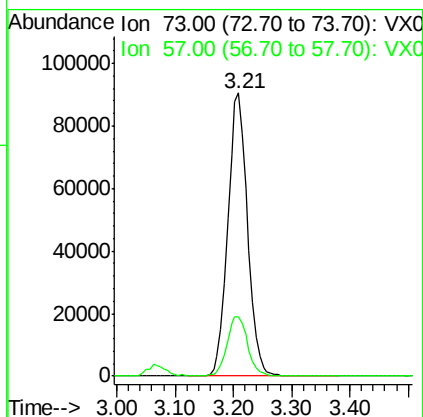
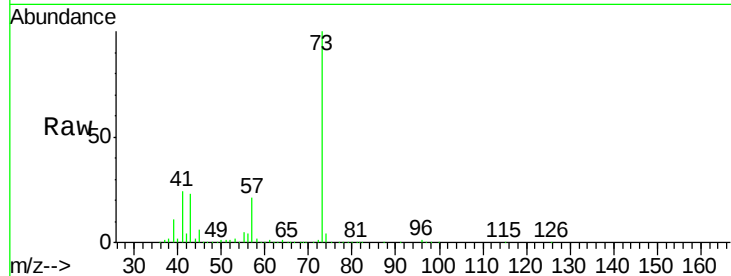




#19
Methyl tert-butyl Ether
Concen: 19.80 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX002419.D
Acq: 09 Jun 2018 14:14

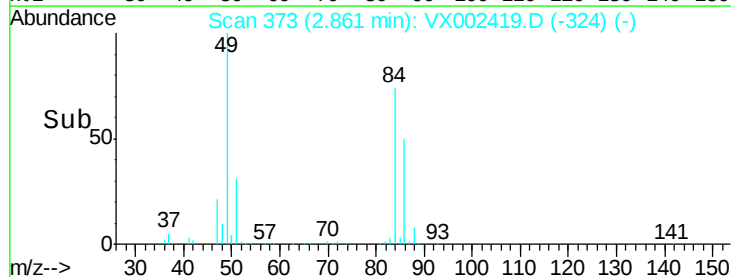
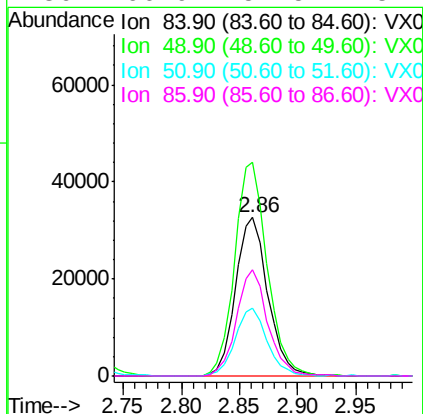
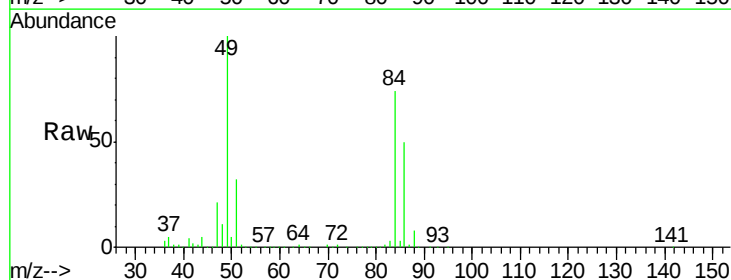
Instrument :
MSVOA_X
ClientSampleId :

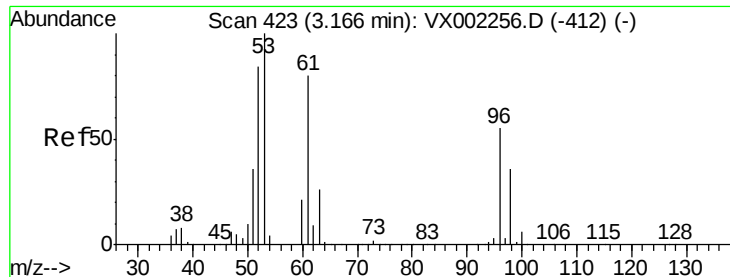
Tot Ion: 73 Resp: 212792
Ion Ratio Lower Upper
73 100
57 20.8 17.7 26.5



#20
Methylene Chloride
Concen: 19.07 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002419.D
Acq: 09 Jun 2018 14:14

Tgt Ion: 84 Resp: 63460
Ion Ratio Lower Upper
84 100
49 134.5 107.8 161.6
51 42.5 32.8 49.2
86 66.9 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 19.22 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002419.D

Acq: 09 Jun 2018 14:14

Instrument :

MSVOA_X

ClientSampleId :

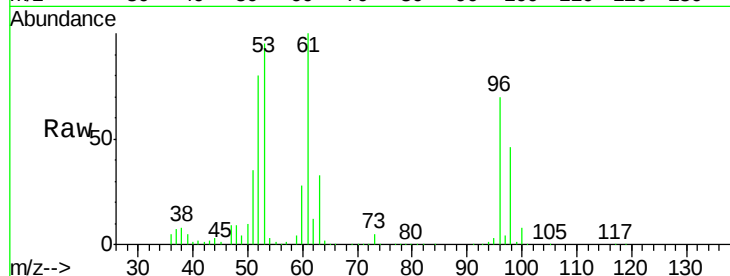
Tot Ion: 96 Resp: 60957

Ion Ratio Lower Upper

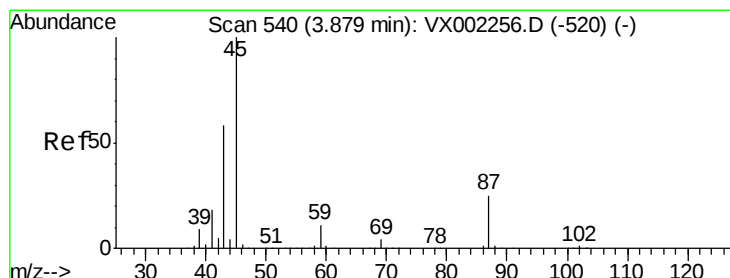
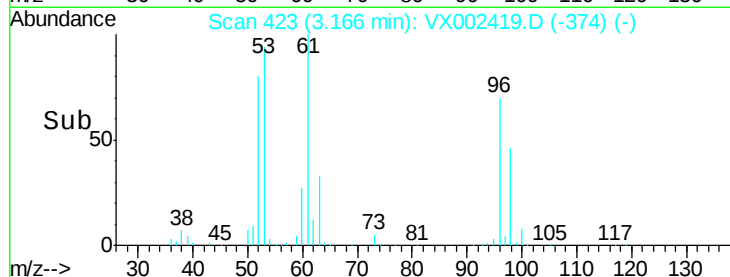
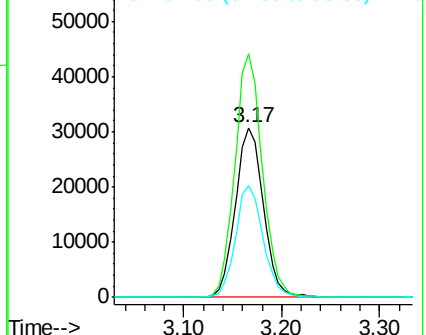
96 100

61 143.4 117.0 175.4

98 65.6 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: 19.99 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX002419.D

Acq: 09 Jun 2018 14:14

Tgt Ion: 45 Resp: 217742

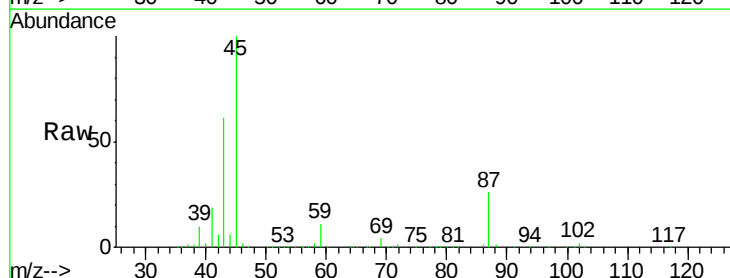
Ion Ratio Lower Upper

45 100

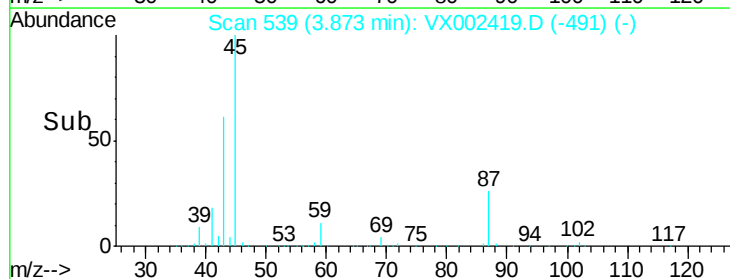
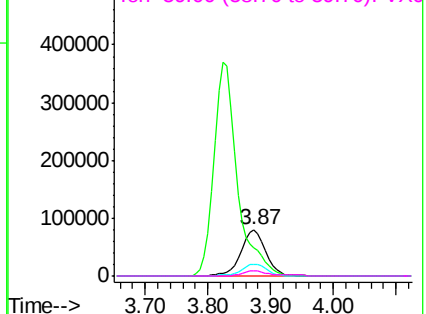
43 61.0 46.8 70.2

87 25.7 20.2 30.4

59 10.9 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: 94.70 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX002419.D

Acq: 09 Jun 2018 14:14

Instrument :

MSVOA_X

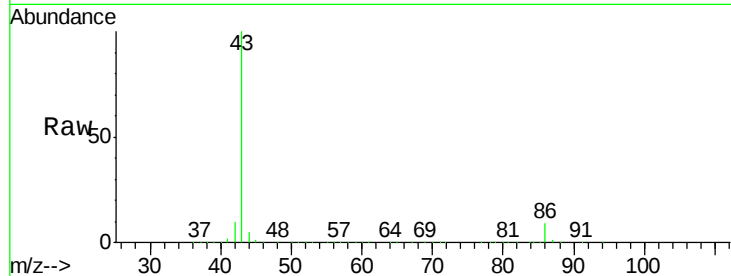
ClientSampleId :

Tot Ion: 43 Resp: 958174

Ion Ratio Lower Upper

43 100

86 9.3 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

400000

300000

200000

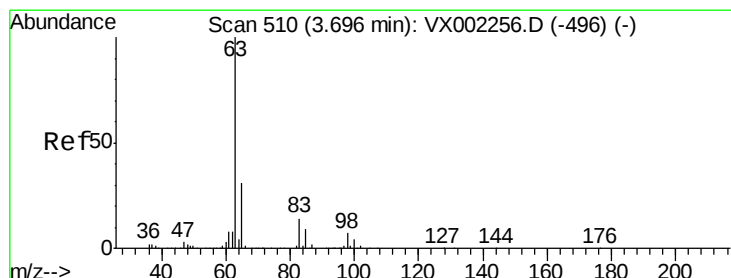
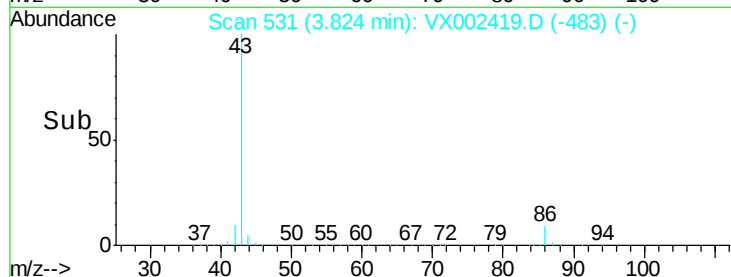
100000

0

Time-->

3.80

4.00



#24

1,1-Dichloroethane

Concen: 19.52 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX002419.D

Acq: 09 Jun 2018 14:14

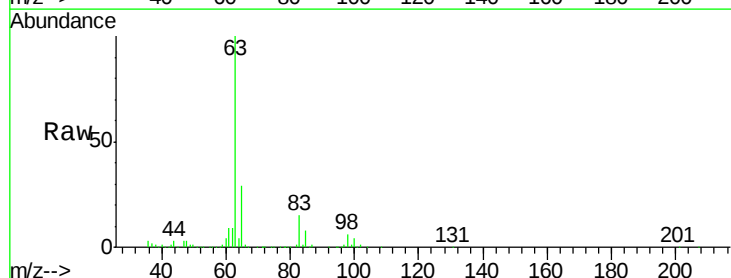
Tgt Ion: 63 Resp: 120437

Ion Ratio Lower Upper

63 100

98 5.9 3.4 10.2

100 4.0 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

60000

40000

20000

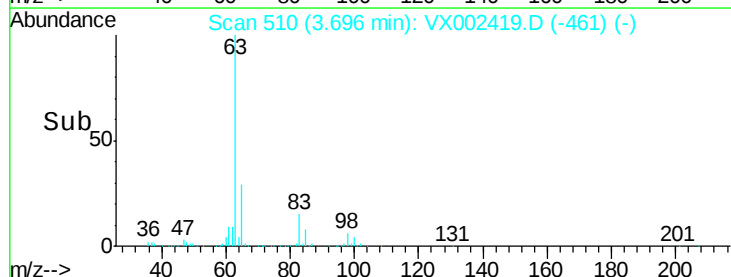
0

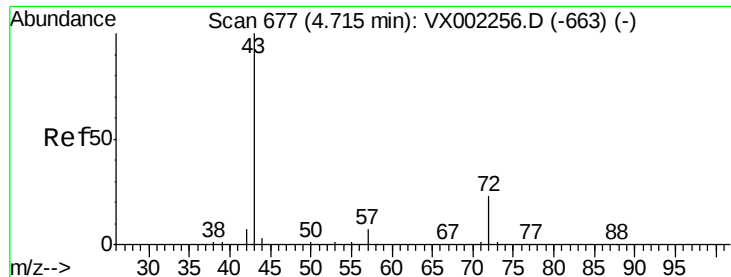
Time-->

3.60

3.70

3.80





#25

2-Butanone

Concen: 84.29 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX002419.D

Acq: 09 Jun 2018 14:14

Instrument :

MSVOA_X

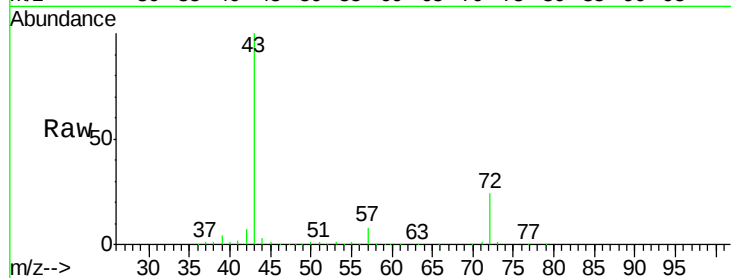
ClientSampleId :

Tot Ion: 43 Resp: 223270

Ion Ratio Lower Upper

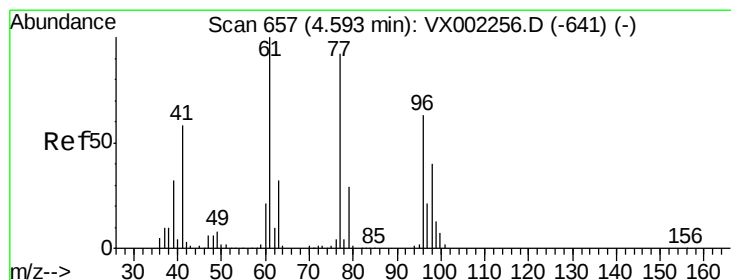
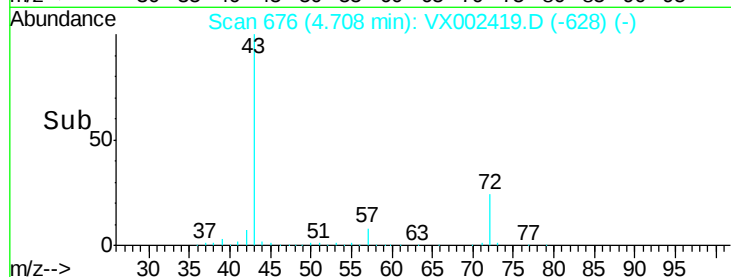
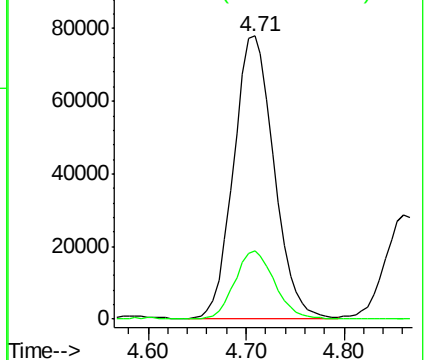
43 100

72 23.9 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: 17.66 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX002419.D

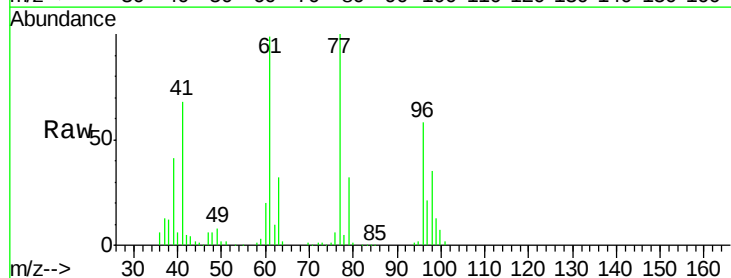
Acq: 09 Jun 2018 14:14

Tgt Ion: 77 Resp: 85176

Ion Ratio Lower Upper

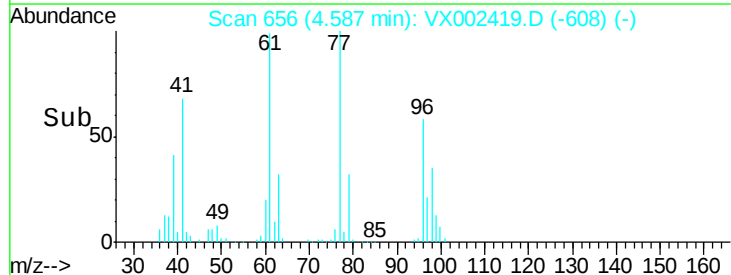
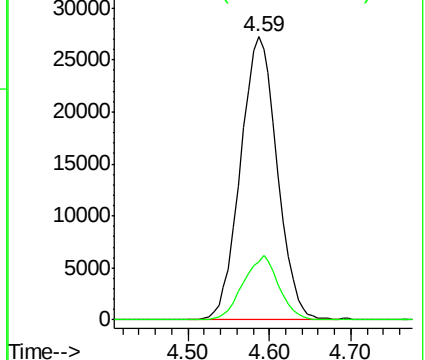
77 100

97 22.1 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: 17.57 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.01 min

Lab File: VX002419.D

Acq: 09 Jun 2018 14:14

Instrument :

MSVOA_X

ClientSampleId :

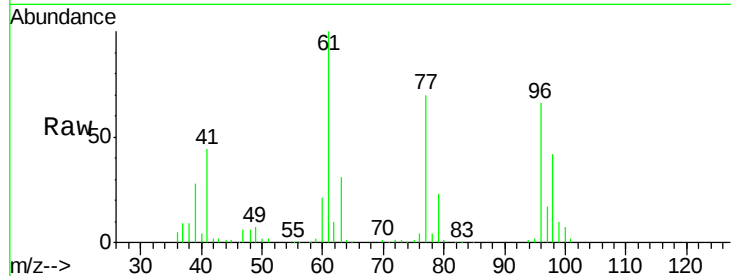
Tot Ion: 96 Resp: 60601

Ion Ratio Lower Upper

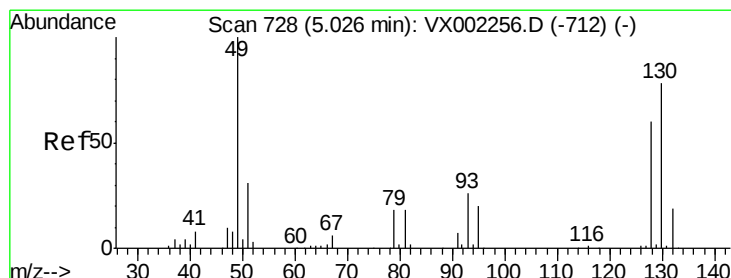
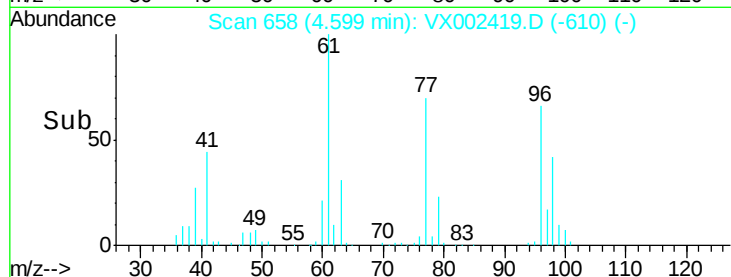
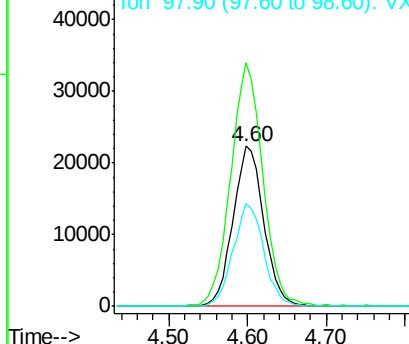
96 100

61 158.8 0.0 330.2

98 64.3 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: 12.56 ug/l

RT: 5.02 min Scan# 727

Delta R.T. -0.01 min

Lab File: VX002419.D

Acq: 09 Jun 2018 14:14

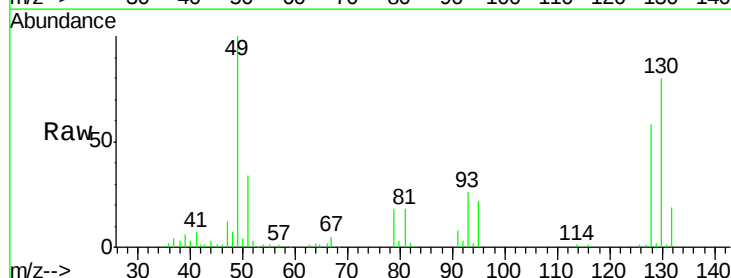
Tgt Ion: 49 Resp: 39934

Ion Ratio Lower Upper

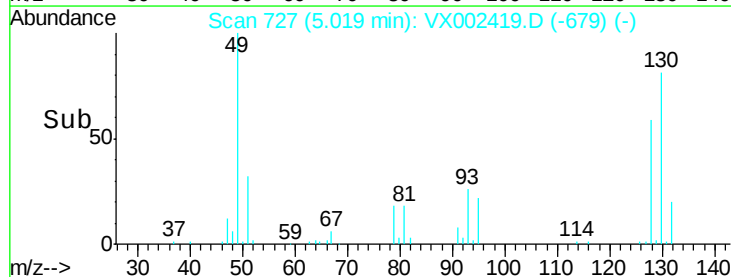
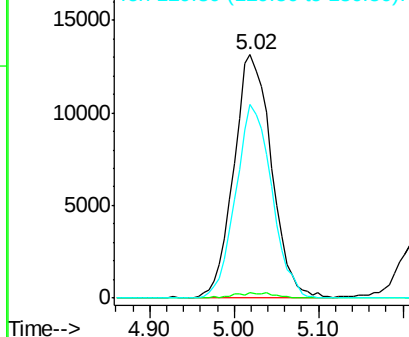
49 100

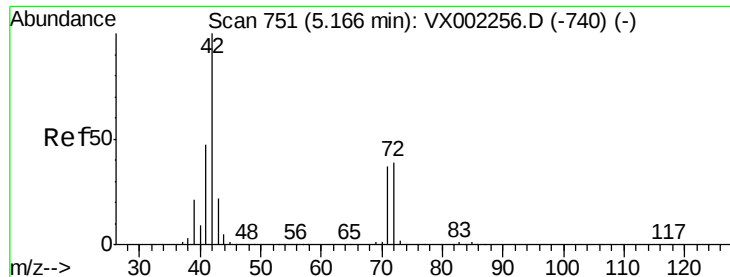
129 2.3 0.0 4.2

130 76.1 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

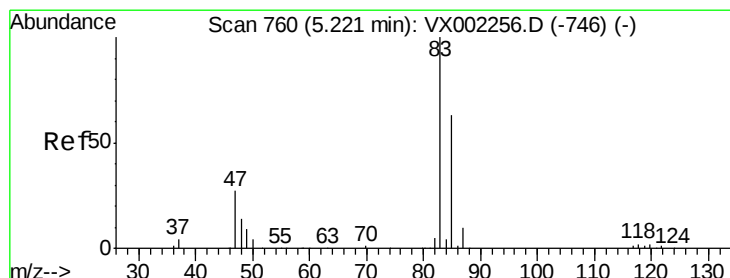
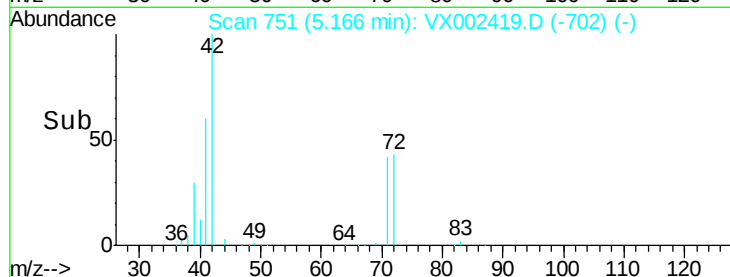
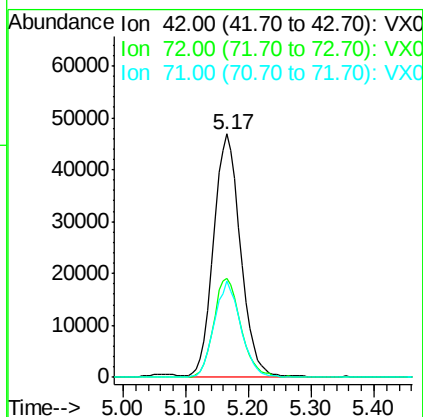
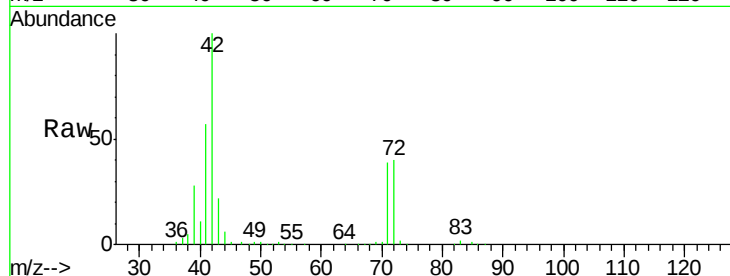




#29
Tetrahydrofuran
Concen: 81.44 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.00 min
Lab File: VX002419.D
Acq: 09 Jun 2018 14:14

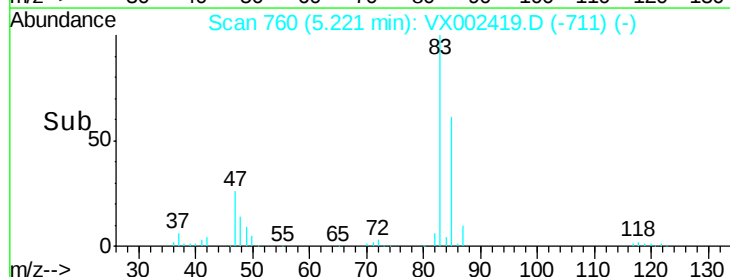
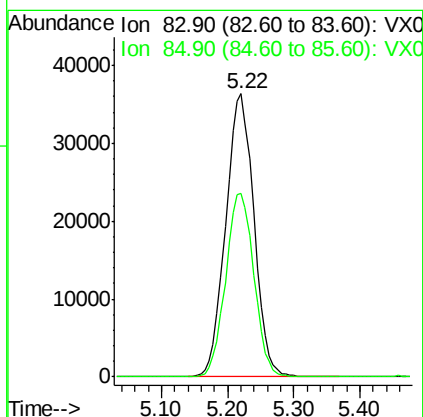
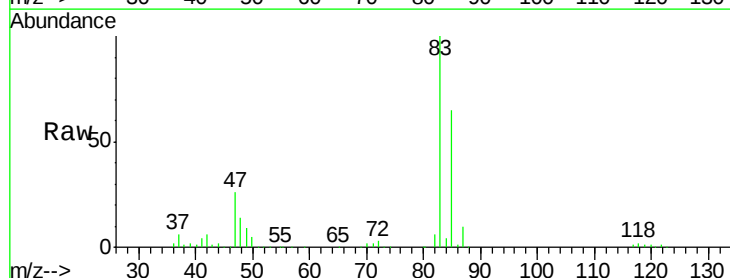
Instrument :
MSVOA_X
ClientSampleId :

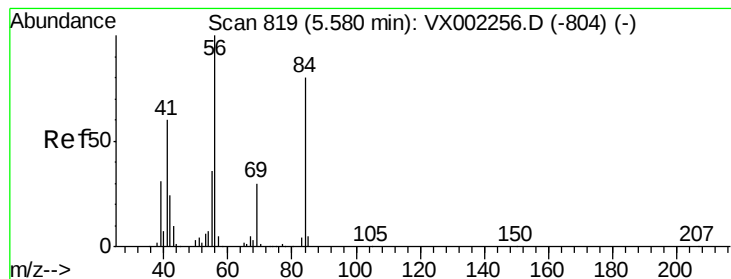
Tot Ion: 42 Resp: 139089
Ion Ratio Lower Upper
42 100
72 41.1 32.0 48.0
71 38.6 30.1 45.1



#30
Chloroform
Concen: 18.04 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX002419.D
Acq: 09 Jun 2018 14:14

Tgt Ion: 83 Resp: 107398
Ion Ratio Lower Upper
83 100
85 65.0 50.4 75.6





#31

Cyclohexane

Concen: 19.33 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX002419.D

Acq: 09 Jun 2018 14:14

Instrument :

MSVOA_X

ClientSampleId :

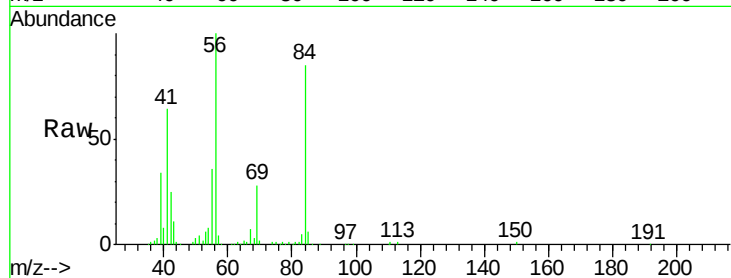
Tot Ion: 56 Resp: 94299

Ion Ratio Lower Upper

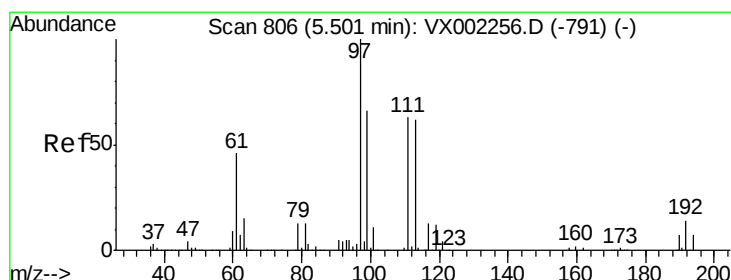
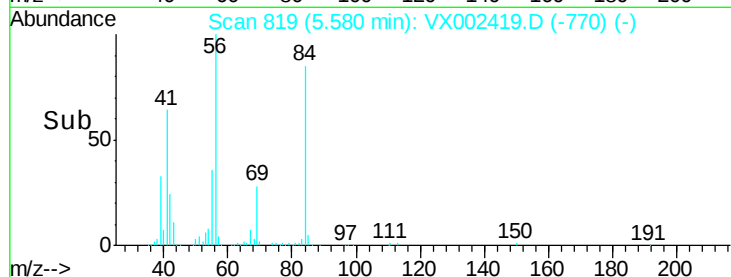
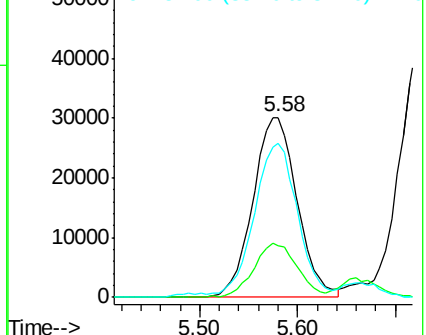
56 100

69 28.4 23.7 35.5

84 83.5 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: 18.56 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX002419.D

Acq: 09 Jun 2018 14:14

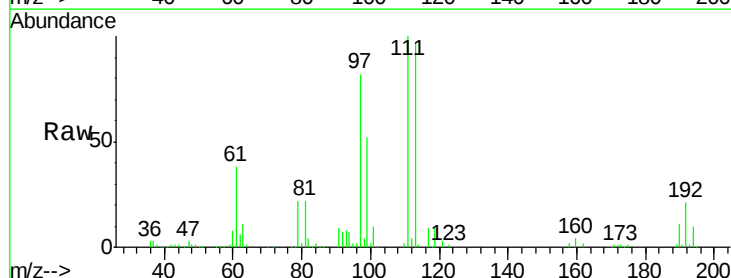
Tgt Ion: 97 Resp: 93677

Ion Ratio Lower Upper

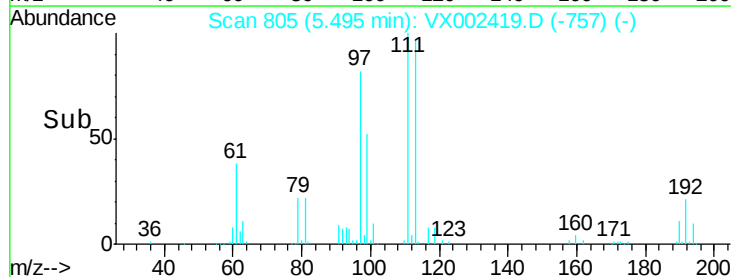
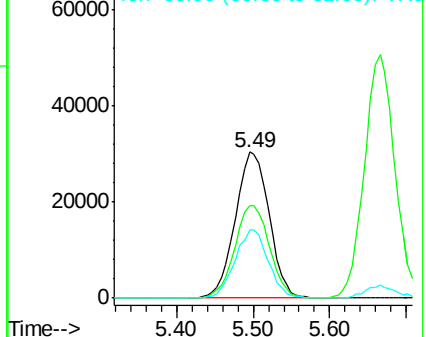
97 100

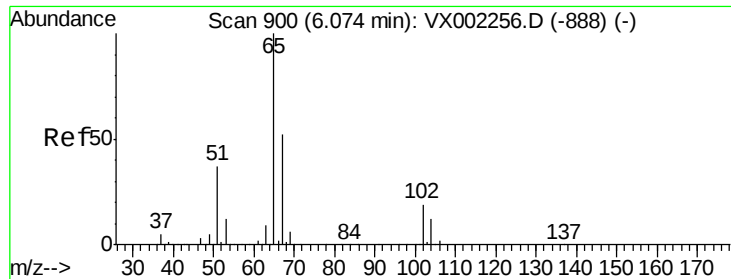
99 64.9 51.6 77.4

61 46.2 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

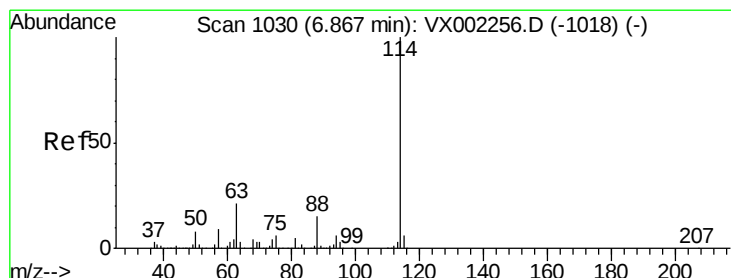
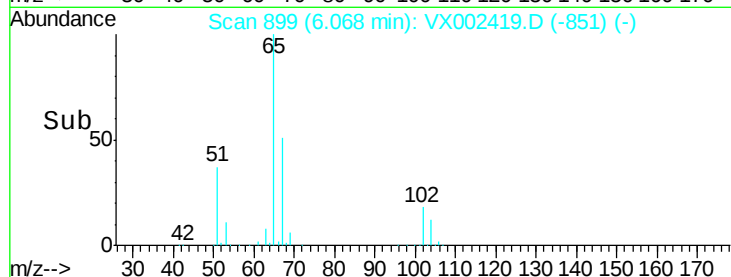
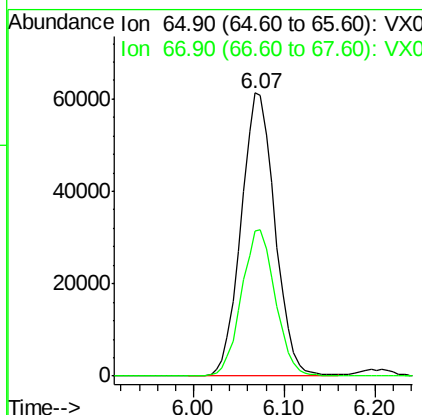
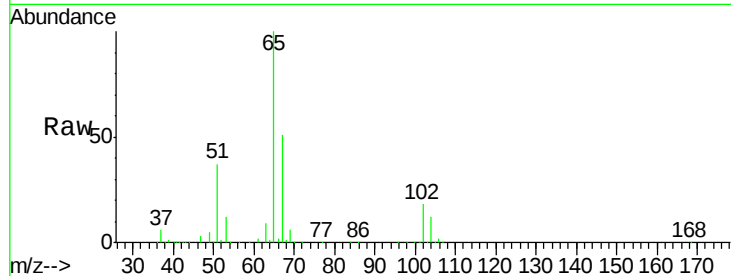




#33
 1,2-Dichloroethane-d4
 Concen: 40.39 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VX002419.D
 Acq: 09 Jun 2018 14:14

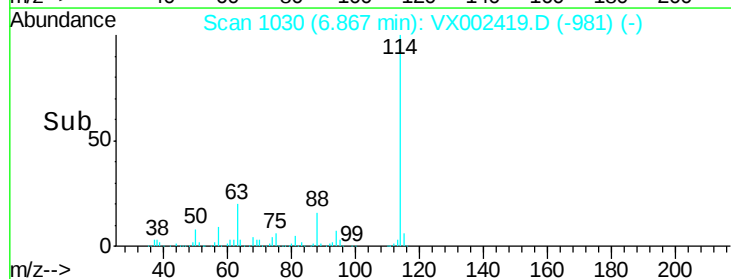
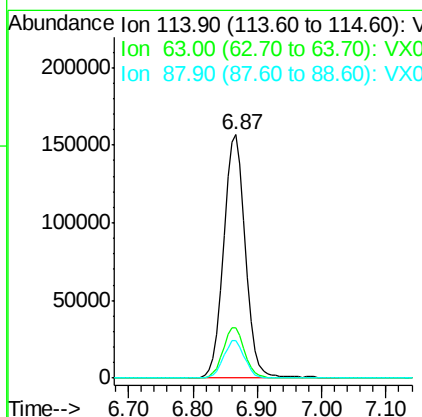
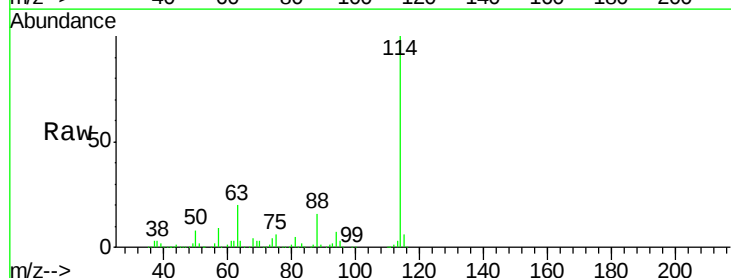
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 65 Resp: 158592
 Ion Ratio Lower Upper
 65 100
 67 51.7 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: VX002419.D
 Acq: 09 Jun 2018 14:14

Tgt Ion: 114 Resp: 375567
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 41.4
 88 15.5 0.0 30.0

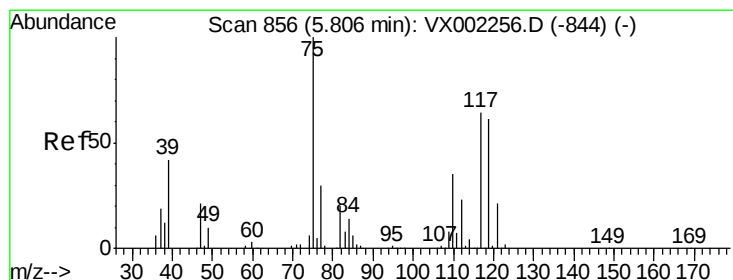
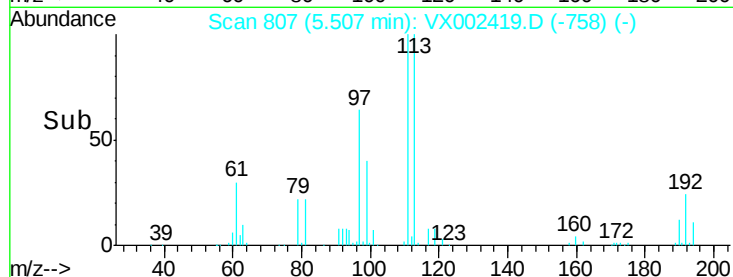
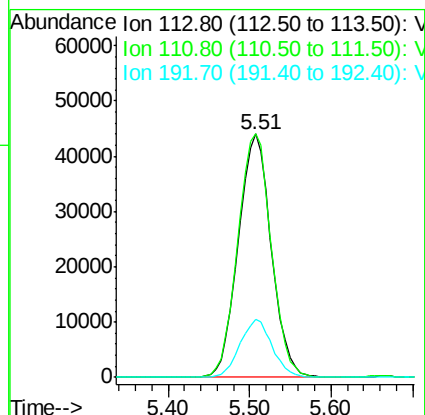
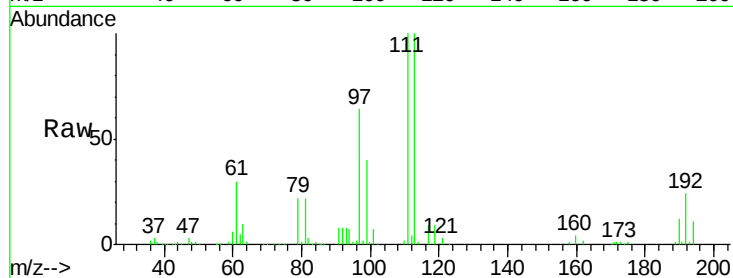




#35
Dibromofluoromethane
Concen: 41.68 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX002419.D
Acq: 09 Jun 2018 14:14

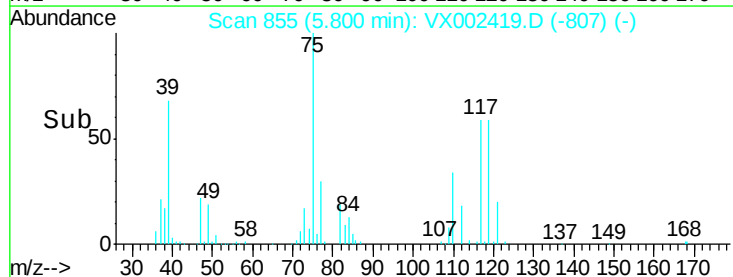
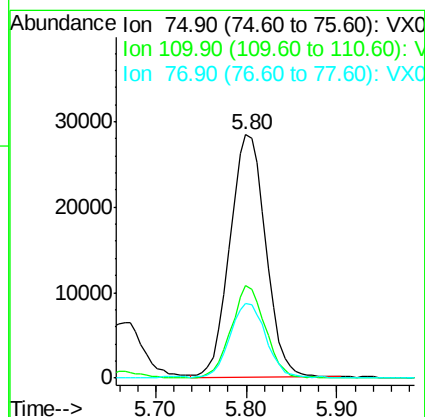
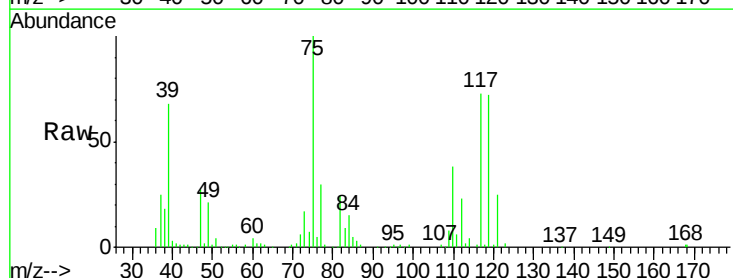
Instrument :
MSVOA_X
ClientSampled :

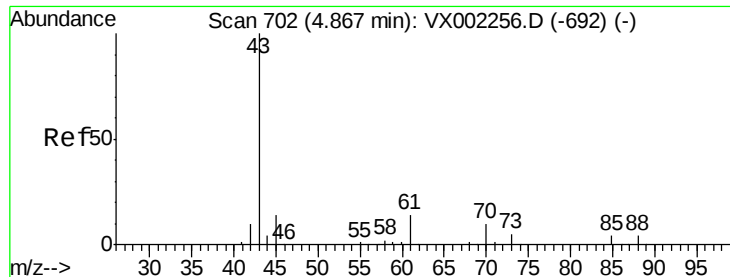
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.4	122.0
192	23.3	19.1	28.7



#36
1,1-Dichloropropene
Concen: 19.67 ug/l
RT: 5.80 min Scan# 855
Delta R.T. -0.01 min
Lab File: VX002419.D
Acq: 09 Jun 2018 14:14

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.6	18.1	54.4
77	30.9	24.3	36.5

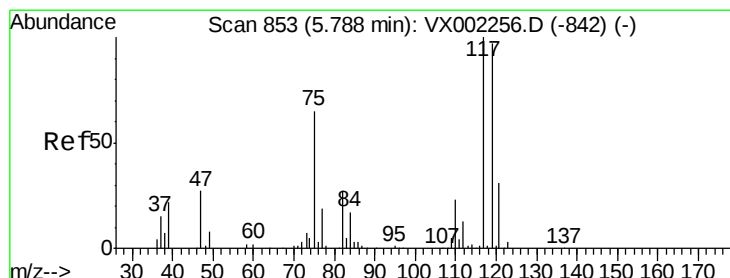
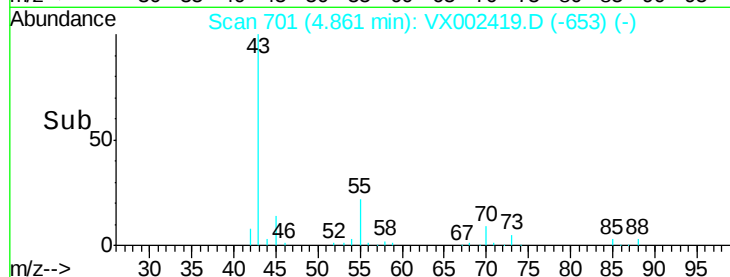
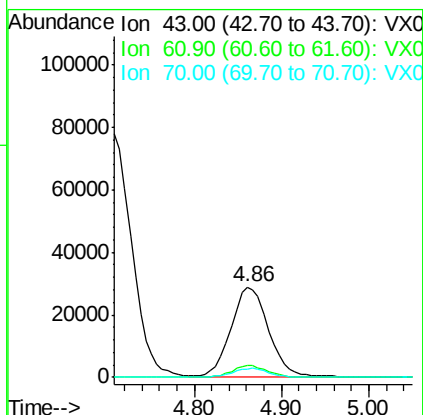
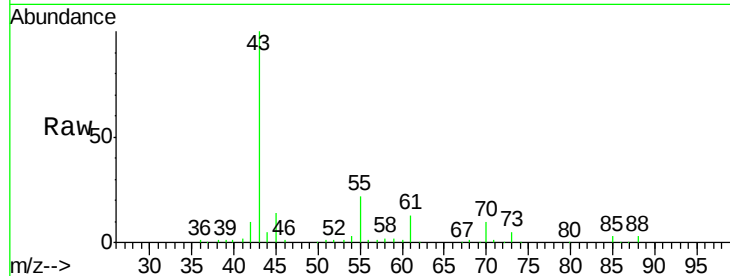




#37
Ethyl Acetate
Concen: 17.92 ug/l
RT: 4.86 min Scan# 701
Delta R.T. -0.01 min
Lab File: VX002419.D
Acq: 09 Jun 2018 14:14

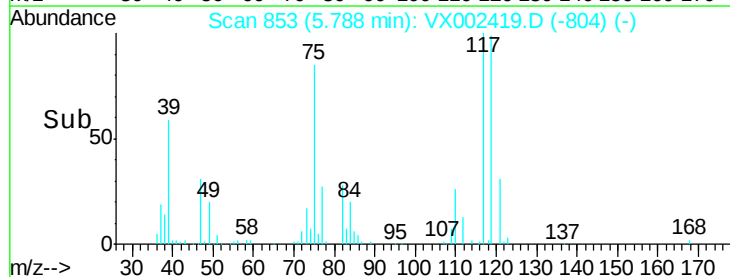
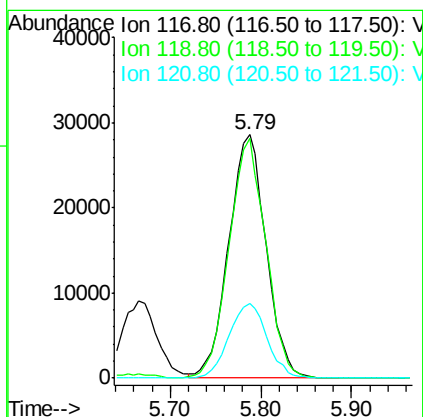
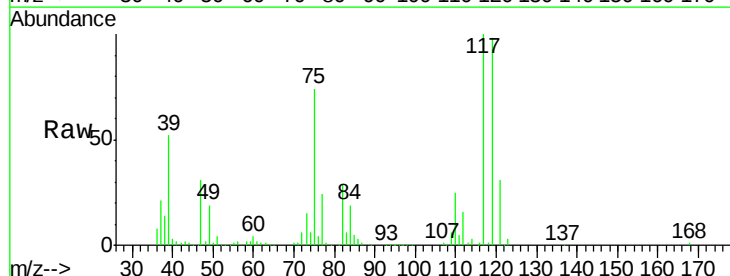
Instrument :
MSVOA_X
ClientSampleID :

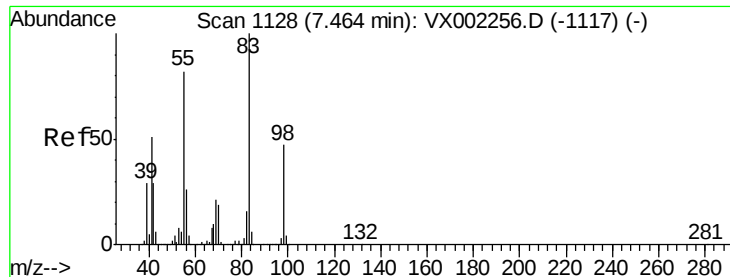
Tot Ion: 43 Resp: 85067
Ion Ratio Lower Upper
43 100
61 13.2 10.4 15.6
70 9.8 7.6 11.4



#38
Carbon Tetrachloride
Concen: 19.79 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX002419.D
Acq: 09 Jun 2018 14:14

Tgt Ion: 117 Resp: 81744
Ion Ratio Lower Upper
117 100
119 98.1 77.4 116.0
121 30.8 24.4 36.6

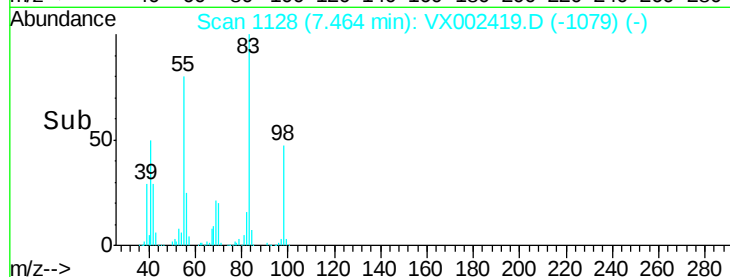
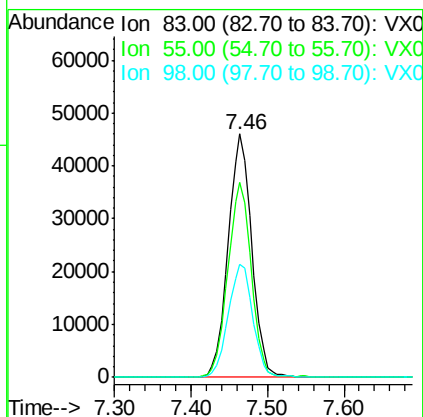
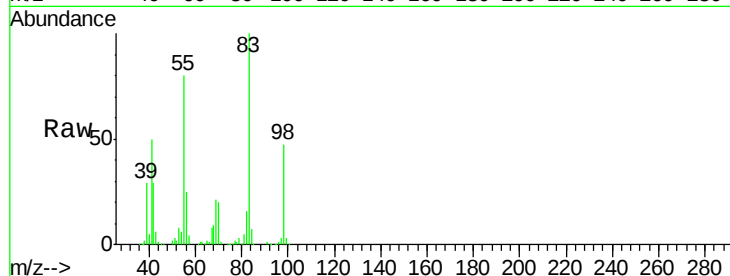




#39
Methvlcvclohexane
Concen: 20.29 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX002419.D
Acq: 09 Jun 2018 14:14

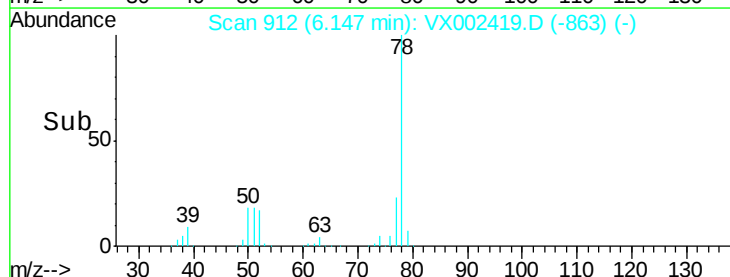
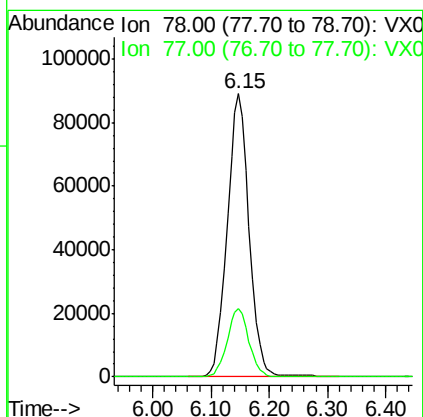
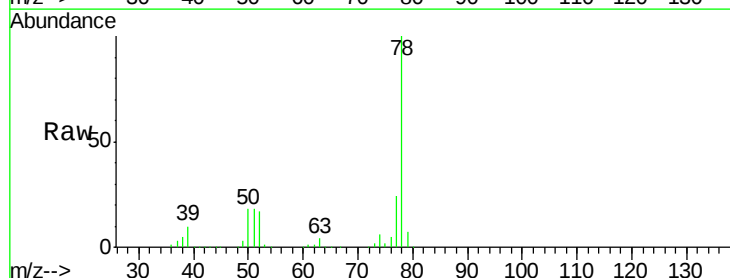
Instrument :
MSVOA_X
ClientSampled :

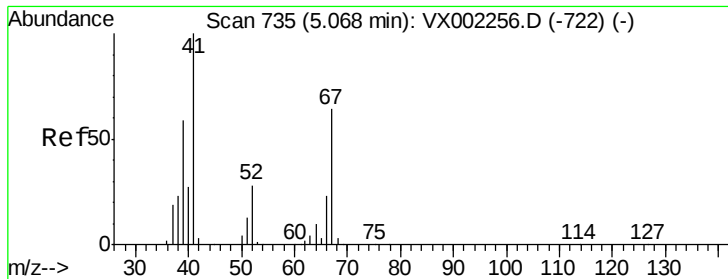
Tot Ion: 83 Resp: 98231
Ion Ratio Lower Upper
83 100
55 79.7 65.4 98.0
98 46.7 37.4 56.0



#40
Benzene
Concen: 19.14 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002419.D
Acq: 09 Jun 2018 14:14

Tgt Ion: 78 Resp: 231733
Ion Ratio Lower Upper
78 100
77 24.0 19.1 28.7

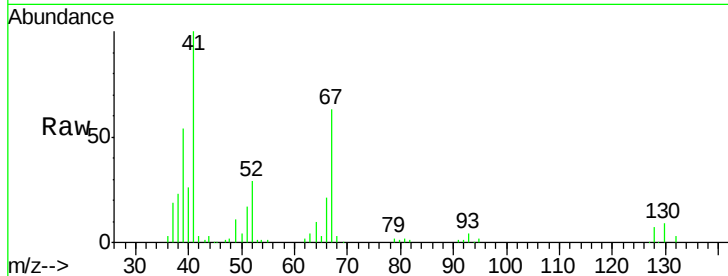




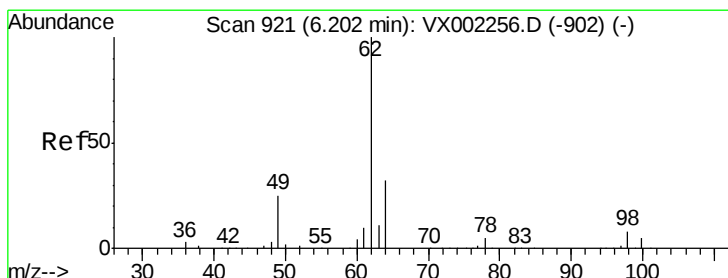
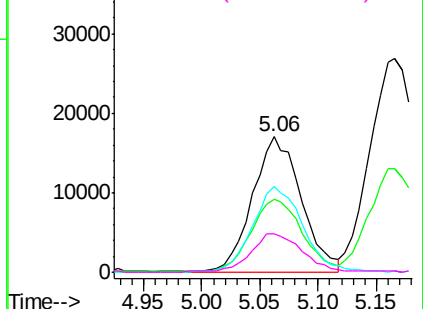
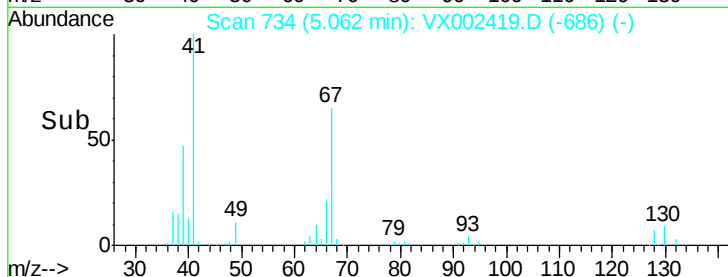
#41
Methacrylonitrile
Concen: 18.10 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX002419.D
Acq: 09 Jun 2018 14:14

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	49201
Ion	Ratio	Lower	Upper
41	100		
39	55.8	45.8	68.6
67	65.4	51.3	76.9
52	28.8	23.0	34.6

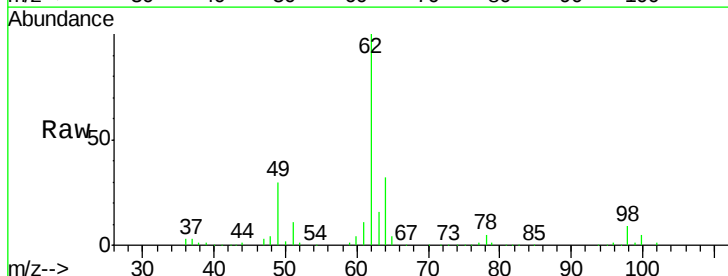


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

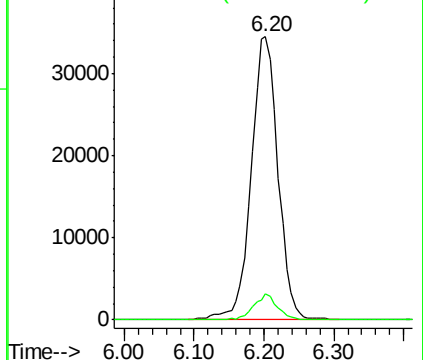
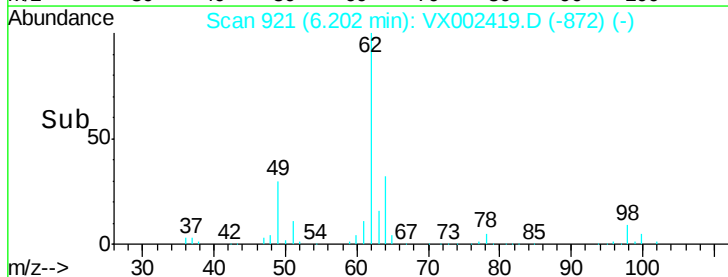


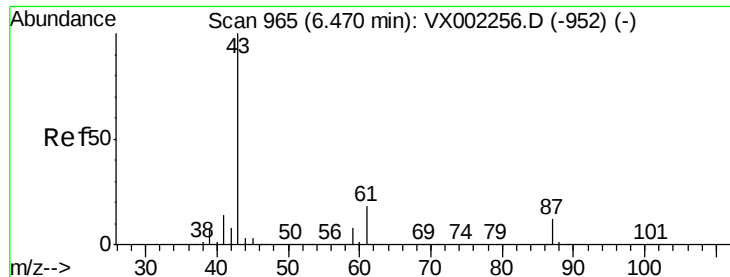
#42
1,2-Dichloroethane
Concen: 19.03 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX002419.D
Acq: 09 Jun 2018 14:14

Tgt Ion:	62	Resp:	91536
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	16.6



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



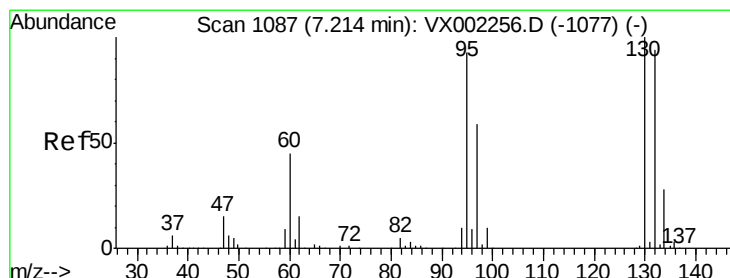
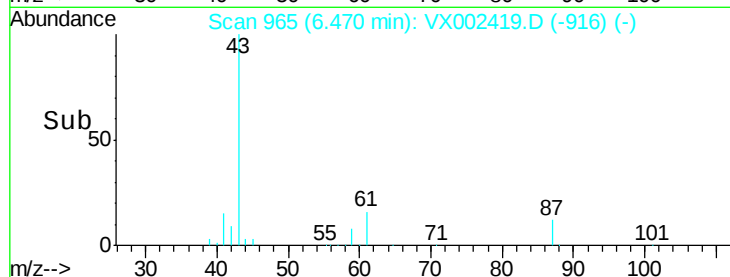
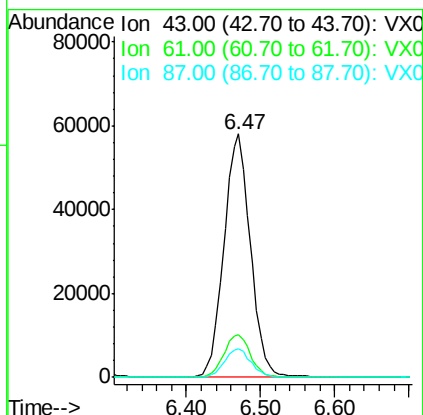
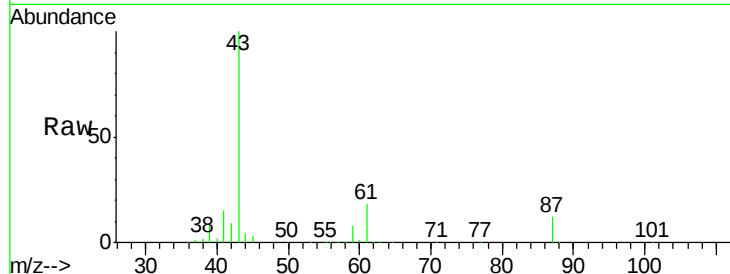


#43

Isopropyl Acetate
 Concen: 17.69 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: VX002419.D
 Acq: 09 Jun 2018 14:14

Instrument :
 MSVOA_X
 ClientSampleId :

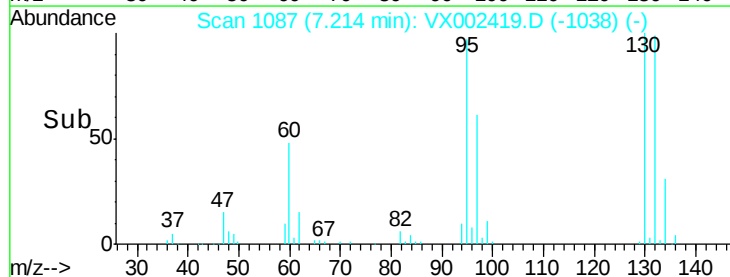
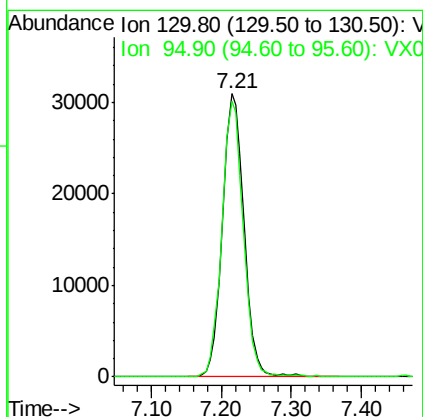
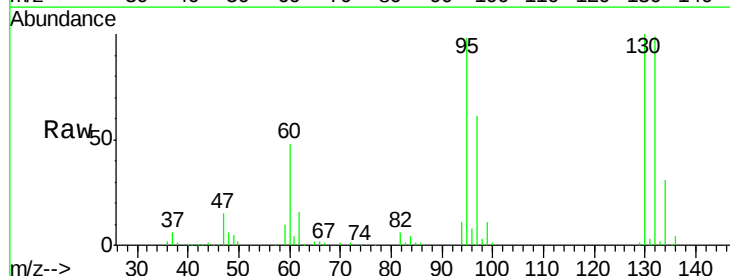
Tot Ion	43	Resp	142687
Ion Ratio	Lower	Upper	
43	100		
61	17.9	14.4	21.6
87	12.0	9.5	14.3

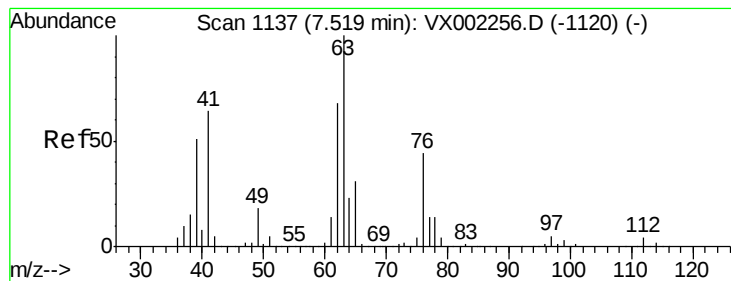


#44

Trichloroethene
 Concen: 19.75 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX002419.D
 Acq: 09 Jun 2018 14:14

Tgt Ion	130	Resp	66342
Ion Ratio	Lower	Upper	
130	100		
95	97.5	0.0	185.4





#45

1,2-Dichloropropane

Concen: 19.06 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.00 min

Lab File: VX002419.D

Acq: 09 Jun 2018 14:14

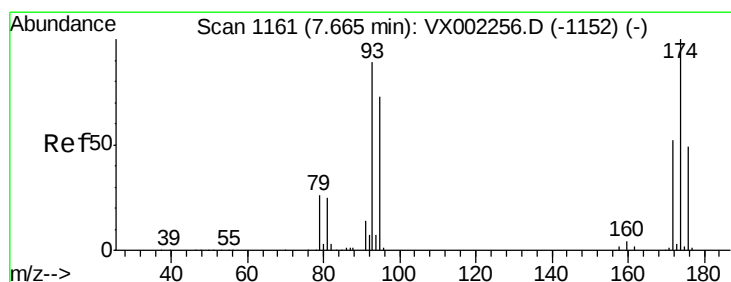
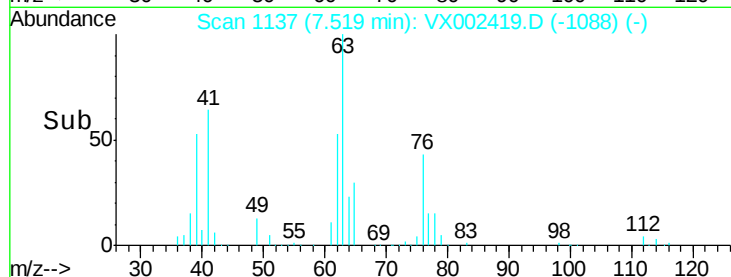
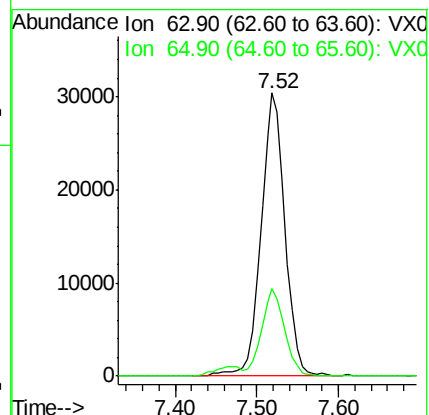
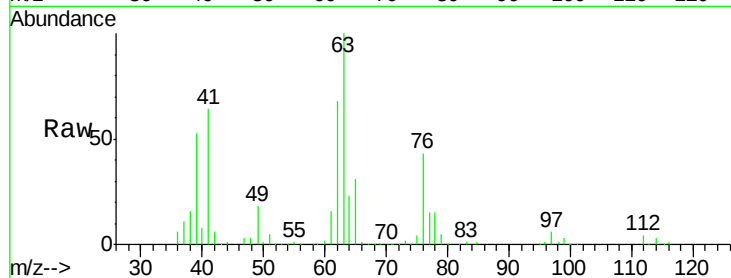
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 63 Resp: 62295

Ion Ratio Lower Upper

63 100

65 31.1 24.7 37.1



#46

Dibromomethane

Concen: 18.64 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.00 min

Lab File: VX002419.D

Acq: 09 Jun 2018 14:14

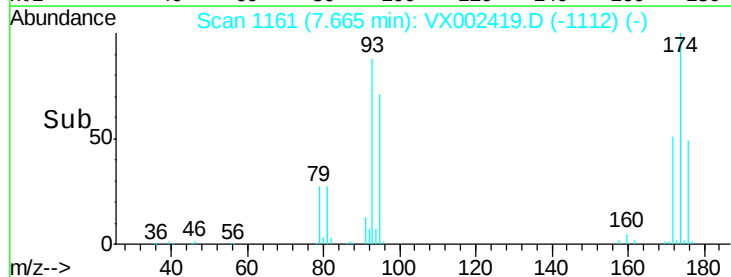
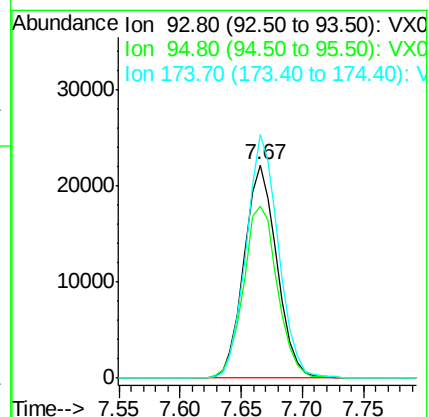
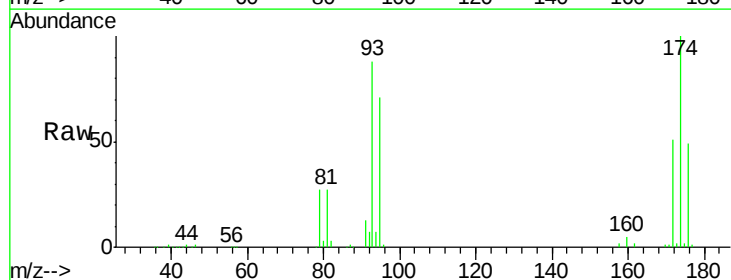
Tgt Ion: 93 Resp: 41304

Ion Ratio Lower Upper

93 100

95 83.9 65.9 98.9

174 112.7 92.4 138.6





#47

Bromodichloromethane

Concen: 18.52 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002419.D

Acq: 09 Jun 2018 14:14

Instrument :
MSVOA_X
ClientSampleId :

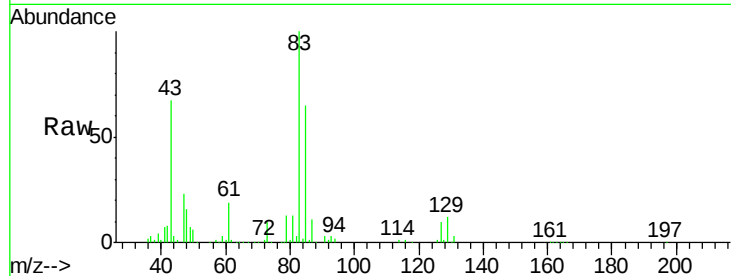
Tot Ion: 83 Resp: 74229

Ion Ratio Lower Upper

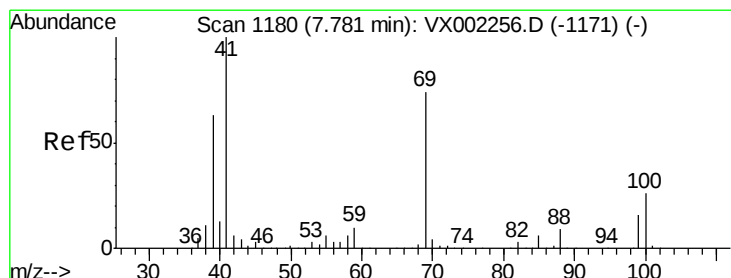
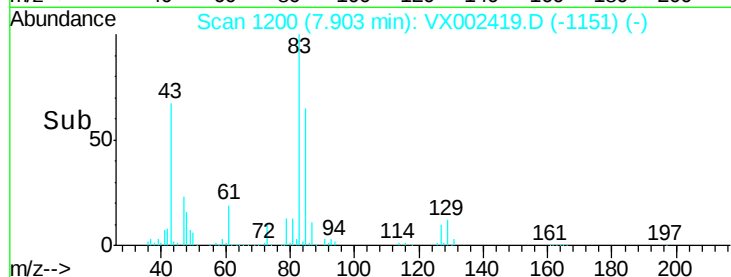
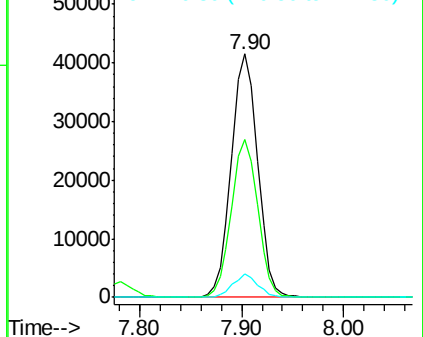
83 100

85 64.7 50.3 75.5

127 9.7 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: 17.99 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VX002419.D

Acq: 09 Jun 2018 14:14

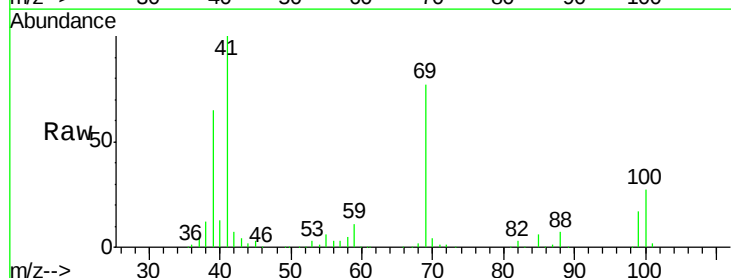
Tgt Ion: 41 Resp: 72895

Ion Ratio Lower Upper

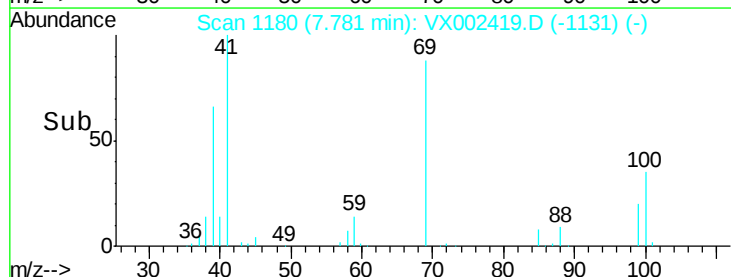
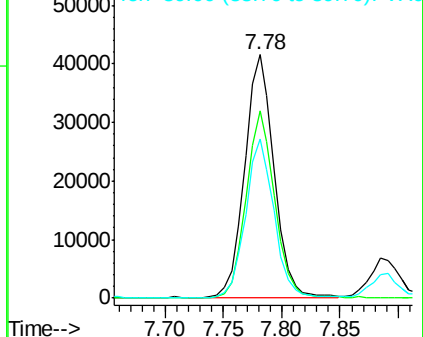
41 100

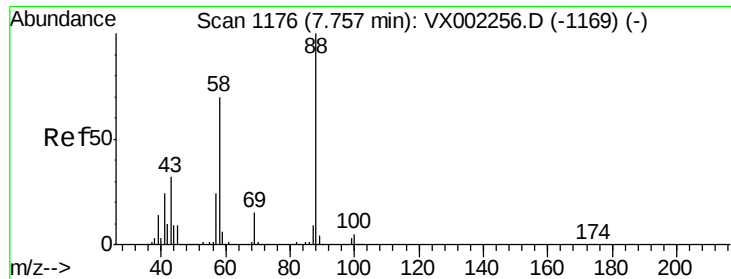
69 75.6 59.1 88.7

39 62.8 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

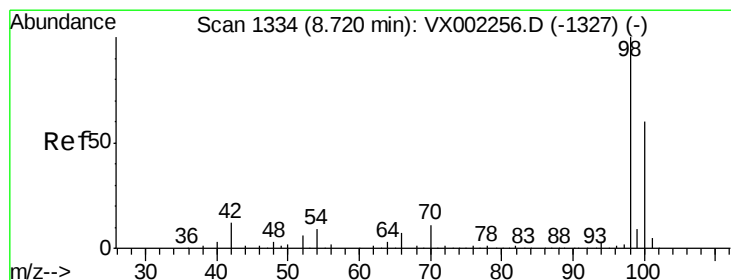
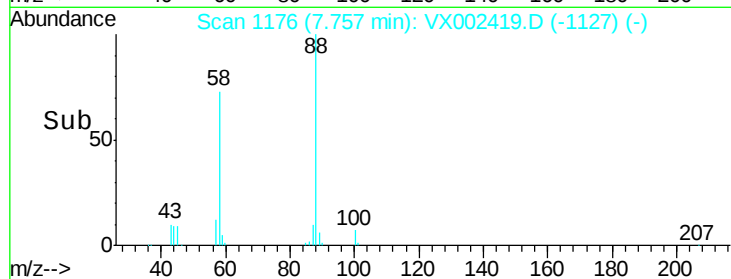
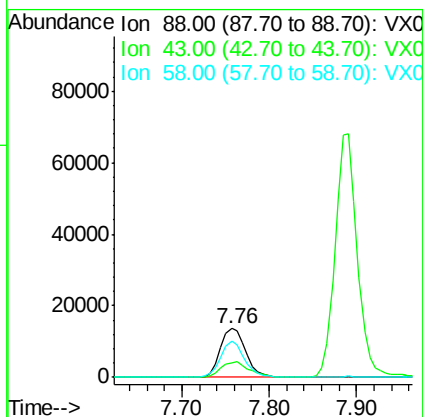
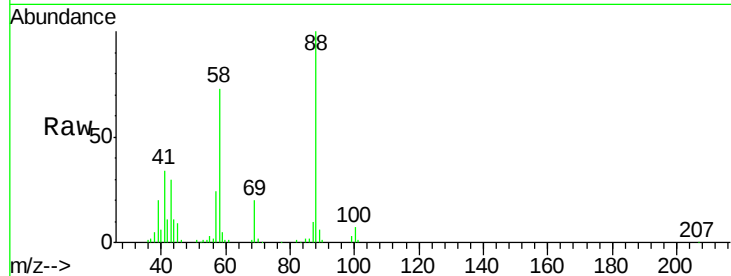




#49
1,4-Dioxane
Concen: 364.64 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.00 min
Lab File: VX002419.D
Acq: 09 Jun 2018 14:14

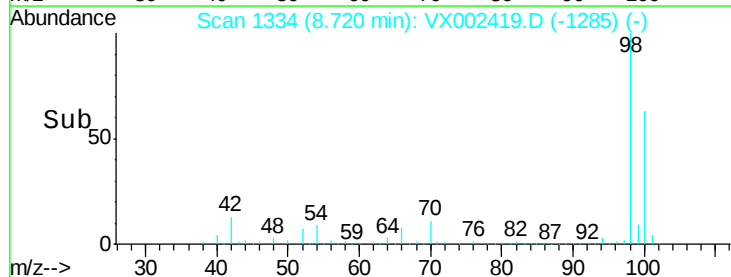
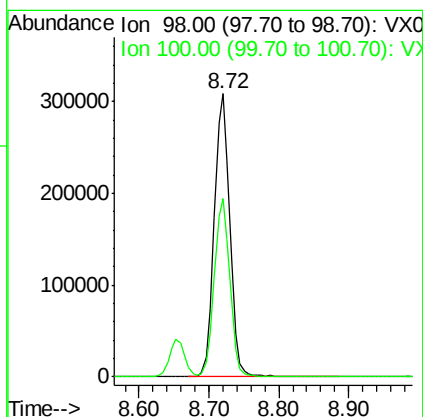
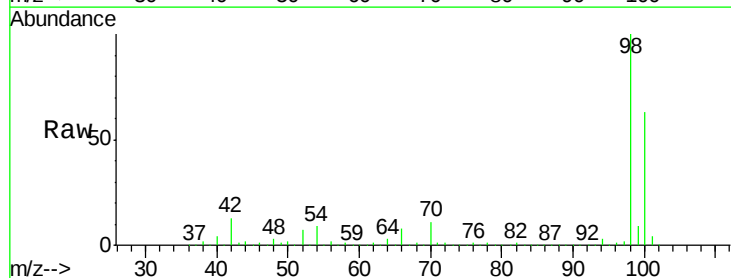
Instrument :
MSVOA_X
ClientSampled :

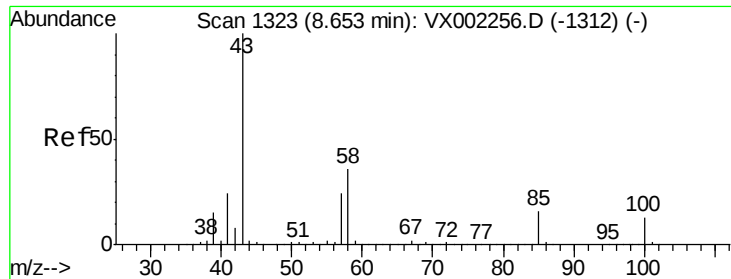
Tot Ion: 88 Resp: 27620
Ion Ratio Lower Upper
88 100
43 33.9 29.8 44.6
58 70.3 57.1 85.7



#50
Toluene-d8
Concen: 41.97 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002419.D
Acq: 09 Jun 2018 14:14

Tgt Ion: 98 Resp: 475125
Ion Ratio Lower Upper
98 100
100 63.5 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 91.37 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX002419.D

Acq: 09 Jun 2018 14:14

Instrument :

MSVOA_X

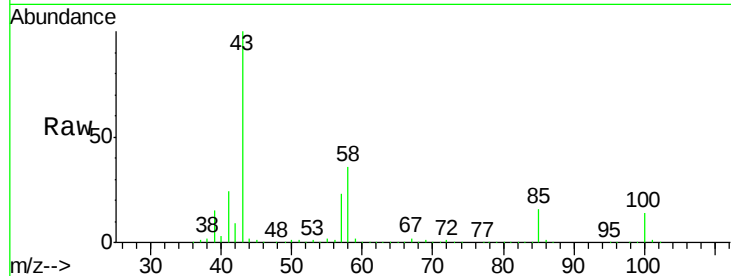
ClientSampleId :

Tot Ion: 43 Resp: 458883

Ion Ratio Lower Upper

43 100

58 35.6 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

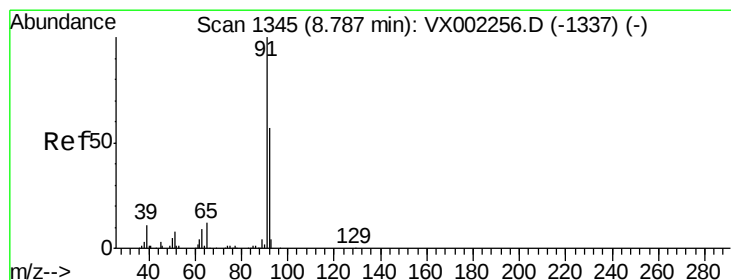
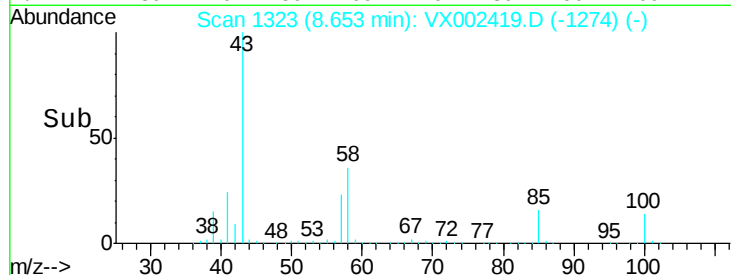
300000

200000

100000

0

Time--> 8.55 8.60 8.65 8.70



#52

Toluene

Concen: 19.56 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002419.D

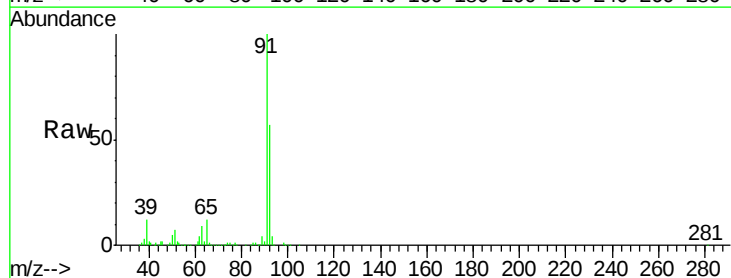
Acq: 09 Jun 2018 14:14

Tgt Ion: 92 Resp: 150634

Ion Ratio Lower Upper

92 100

91 176.4 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

200000

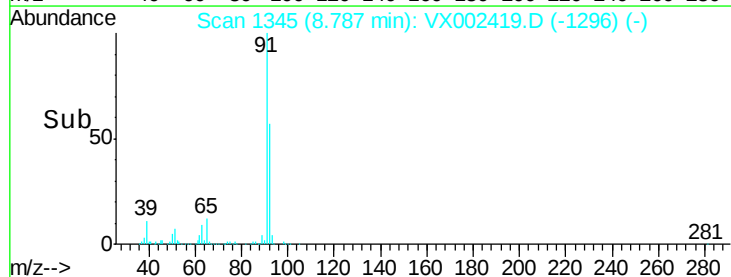
150000

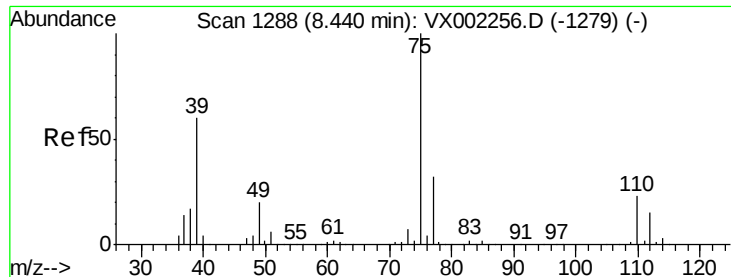
100000

50000

0

Time--> 8.70 8.80 8.90





#53

t-1,3-Dichloropropene

Concen: 18.38 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX002419.D

Acq: 09 Jun 2018 14:14

Instrument :

MSVOA_X

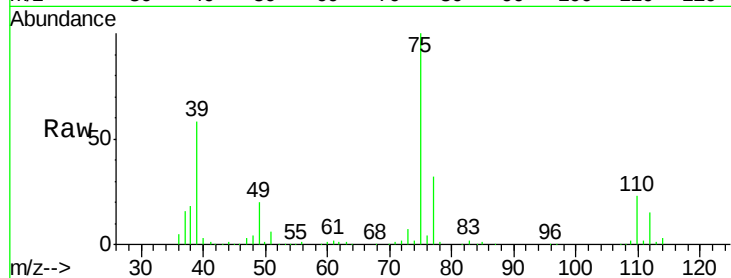
ClientSampleId :

Tot Ion: 75 Resp: 88333

Ion Ratio Lower Upper

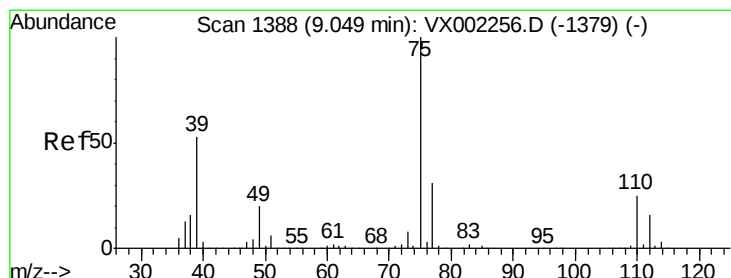
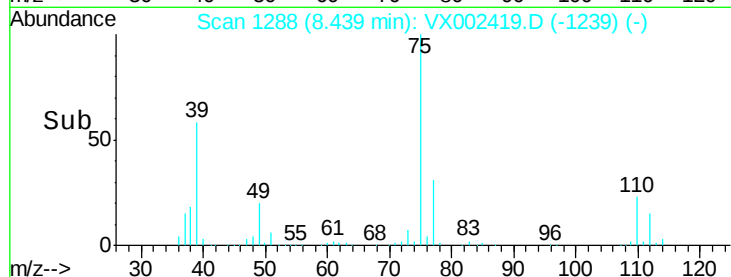
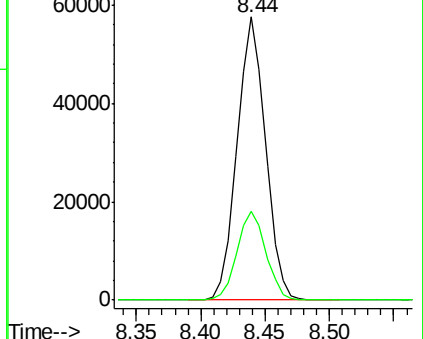
75 100

77 31.5 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 18.09 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.01 min

Lab File: VX002419.D

Acq: 09 Jun 2018 14:14

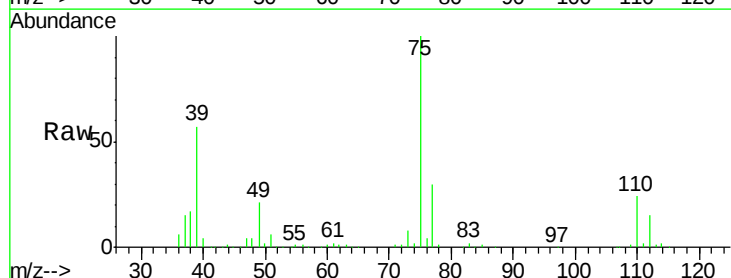
Tgt Ion: 75 Resp: 82007

Ion Ratio Lower Upper

75 100

77 30.3 24.8 37.2

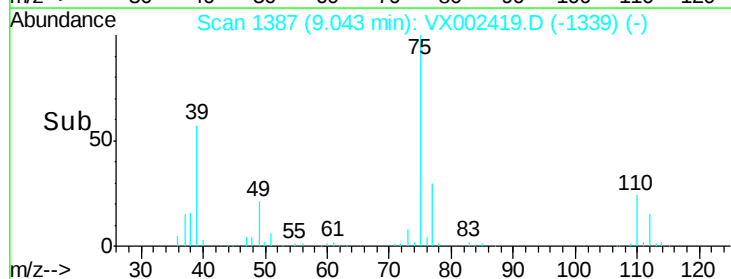
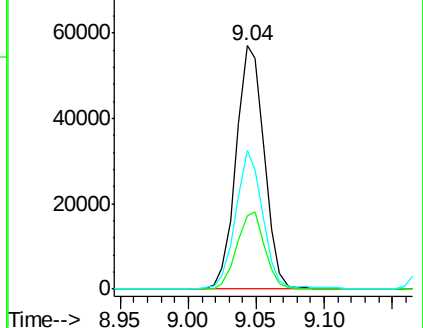
39 56.8 42.4 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0



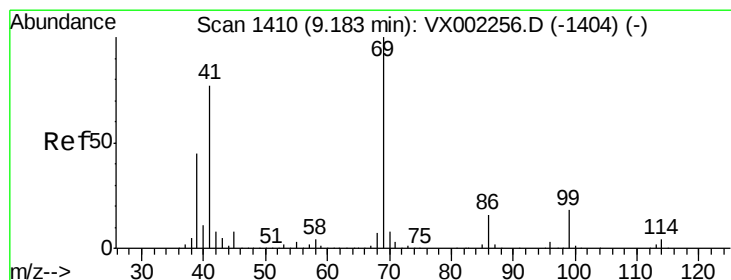
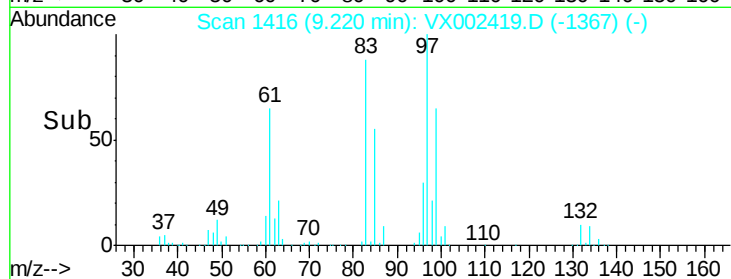
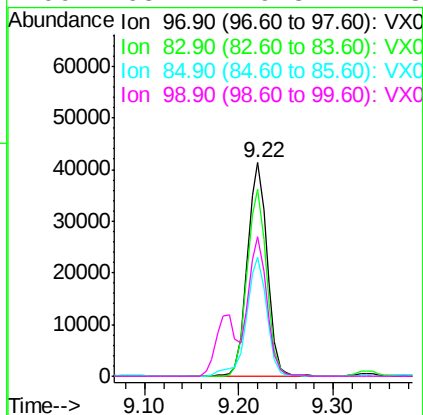
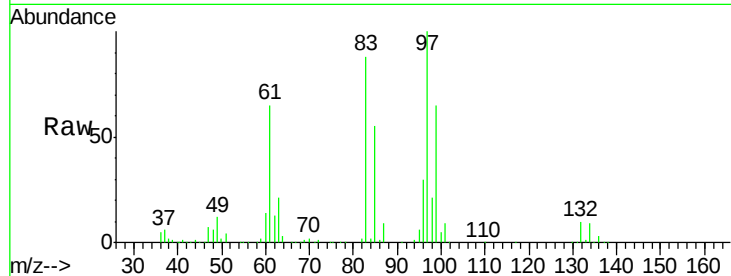


#55
 1,1,2-Trichloroethane
 Concen: 19.27 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002419.D
 Acq: 09 Jun 2018 14:14

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 97 Resp: 61019

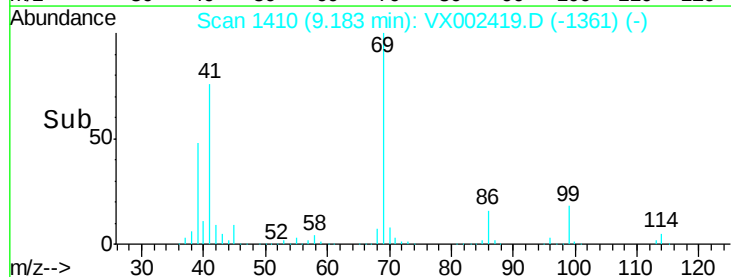
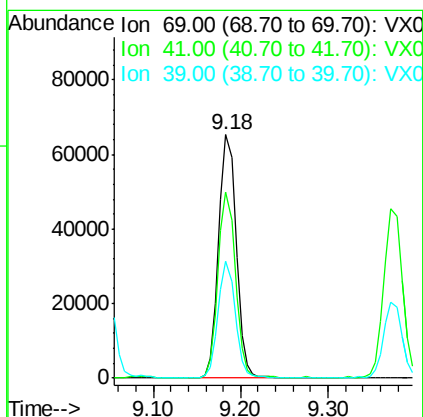
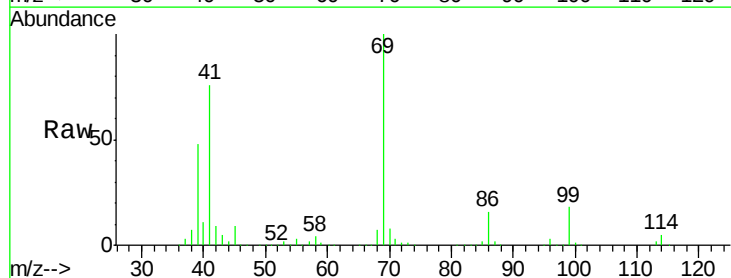
Ion	Ratio	Lower	Upper
97	100		
83	87.6	70.2	105.2
85	55.5	44.9	67.3
99	65.1	49.8	74.8



#56
 Ethyl methacrylate
 Concen: 18.06 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX002419.D
 Acq: 09 Jun 2018 14:14

Tgt Ion: 69 Resp: 91299

Ion	Ratio	Lower	Upper
69	100		
41	75.1	60.3	90.5
39	46.3	35.8	53.8





#57

1,3-Dichloropropane

Concen: 19.22 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VX002419.D

Acq: 09 Jun 2018 14:14

Instrument :

MSVOA_X

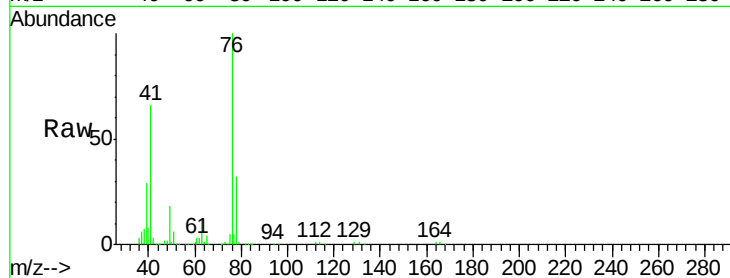
ClientSampleId :

Tot Ion: 76 Resp: 102093

Ion Ratio Lower Upper

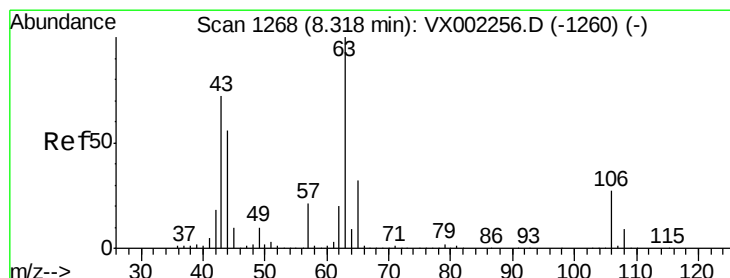
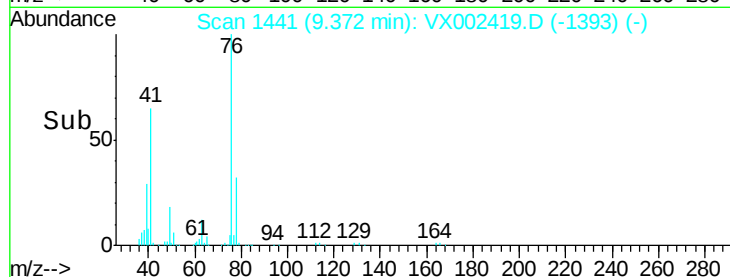
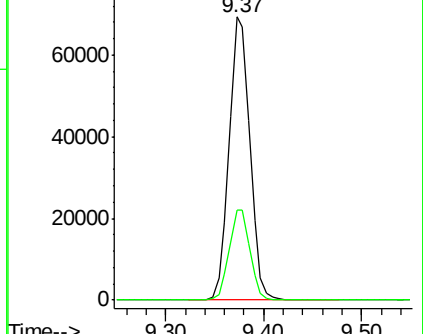
76 100

78 32.1 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 95.35 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX002419.D

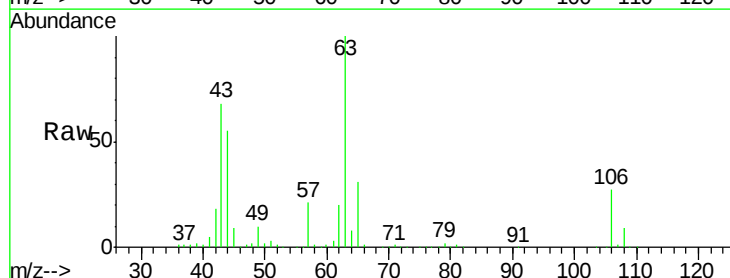
Acq: 09 Jun 2018 14:14

Tgt Ion: 63 Resp: 223135

Ion Ratio Lower Upper

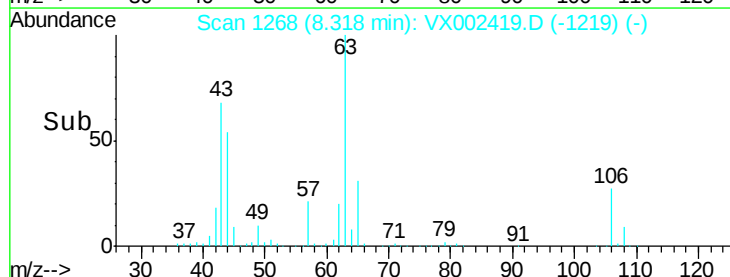
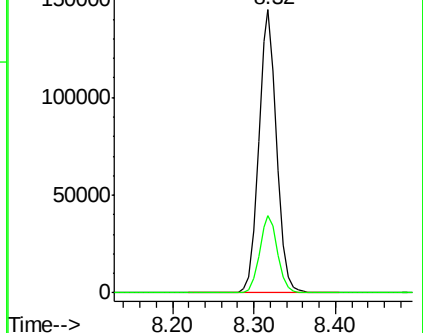
63 100

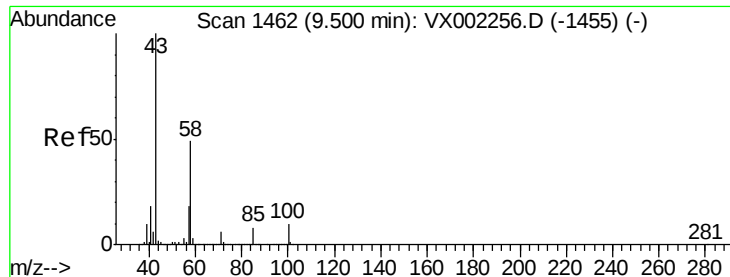
106 27.7 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

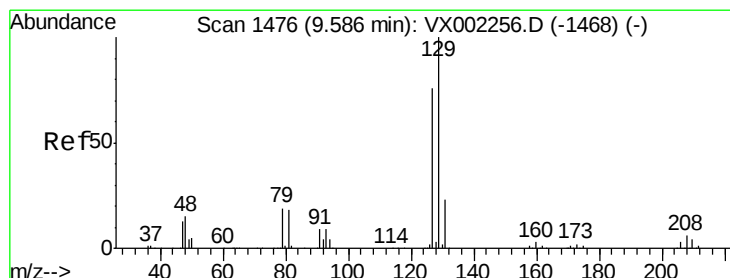
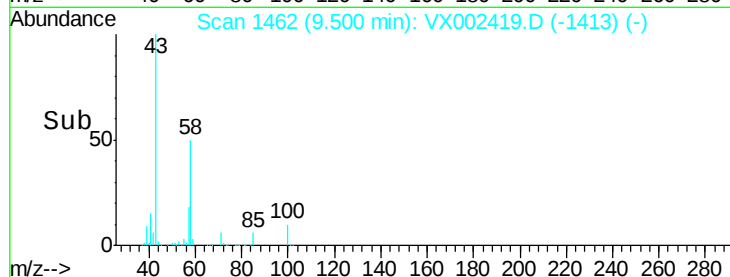
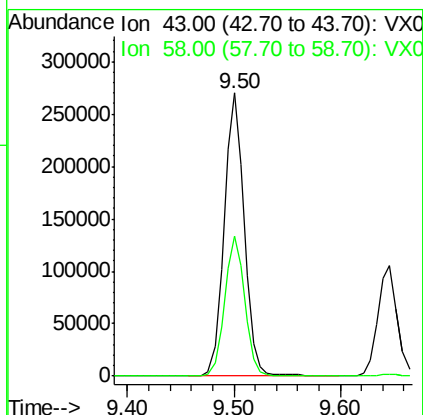
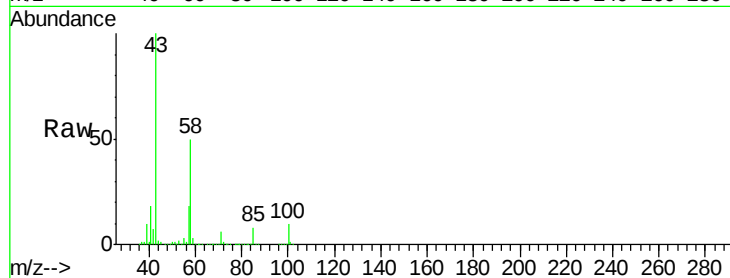




#59
2-Hexanone
Concen: 91.76 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002419.D
Acq: 09 Jun 2018 14:14

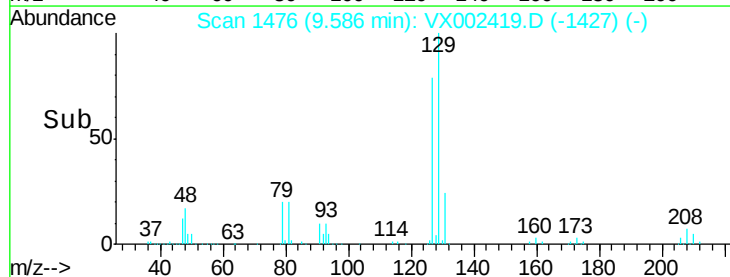
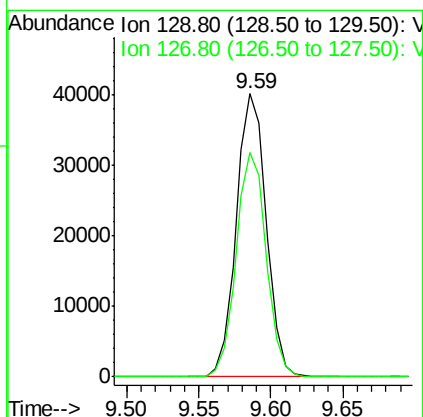
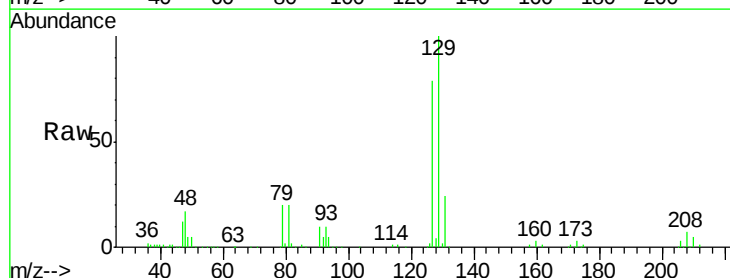
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 355977
Ion Ratio Lower Upper
43 100
58 49.6 24.6 73.6



#60
Dibromochloromethane
Concen: 18.27 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX002419.D
Acq: 09 Jun 2018 14:14

Tgt Ion: 129 Resp: 58186
Ion Ratio Lower Upper
129 100
127 79.4 38.5 115.3





#61

1,2-Dibromoethane

Concen: 19.26 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002419.D

Acq: 09 Jun 2018 14:14

Instrument :

MSVOA_X

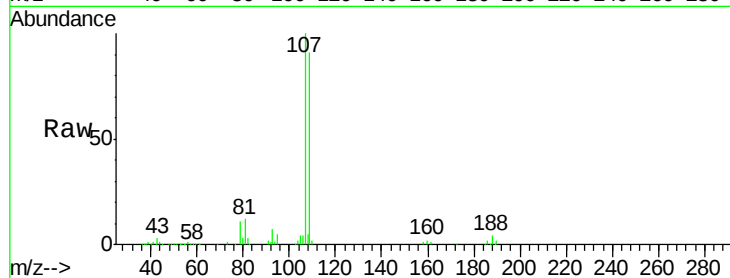
ClientSampleId :

Tot Ion:107 Resp: 63609

Ion Ratio Lower Upper

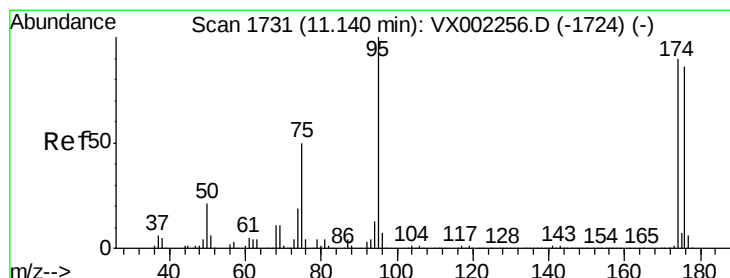
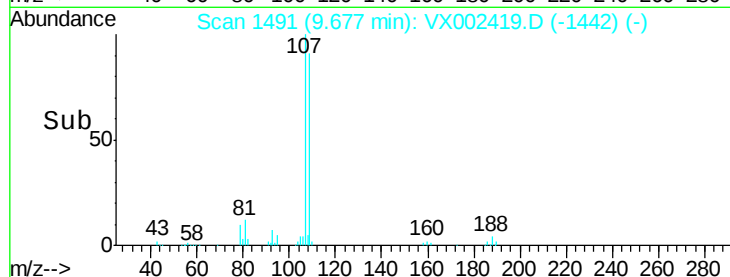
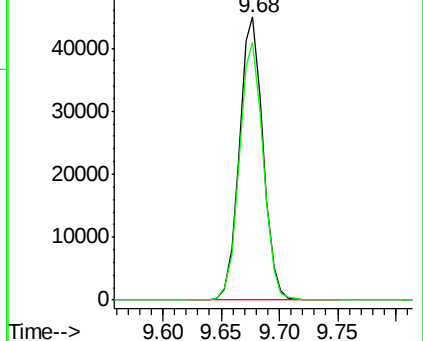
107 100

109 92.0 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: 40.68 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002419.D

Acq: 09 Jun 2018 14:14

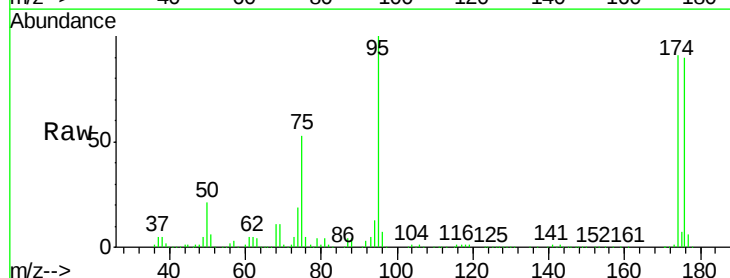
Tgt Ion: 95 Resp: 177595

Ion Ratio Lower Upper

95 100

174 94.2 0.0 187.4

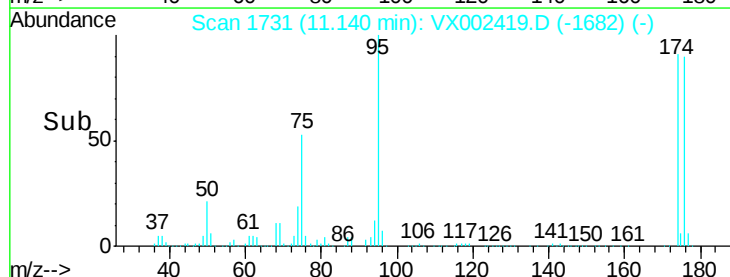
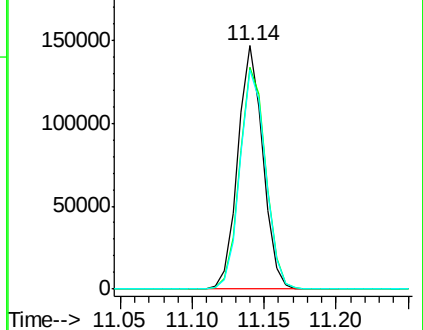
176 91.9 0.0 181.0

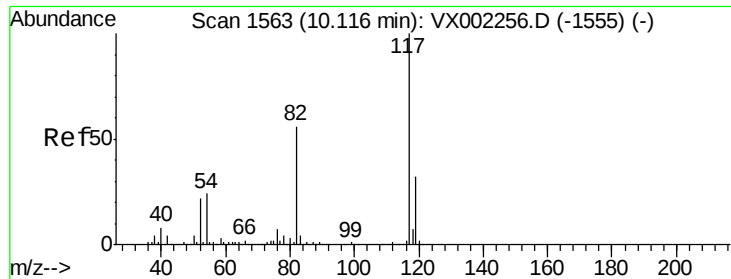


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

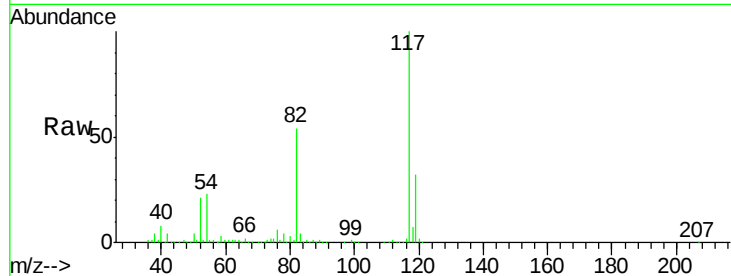




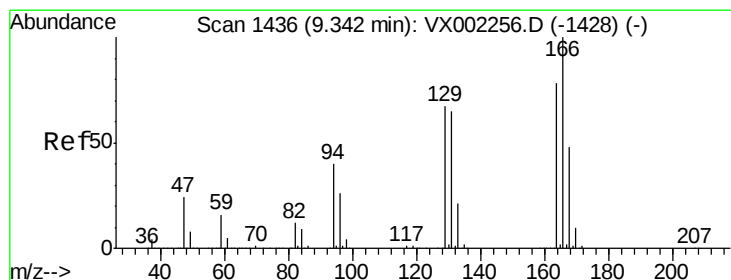
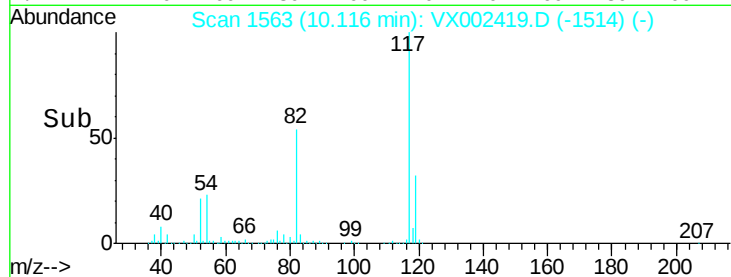
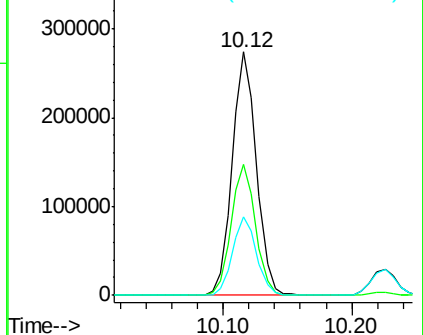
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002419.D
Acq: 09 Jun 2018 14:14

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 359503
Ion Ratio Lower Upper
117 100
82 53.6 45.0 67.4
119 32.1 25.8 38.6

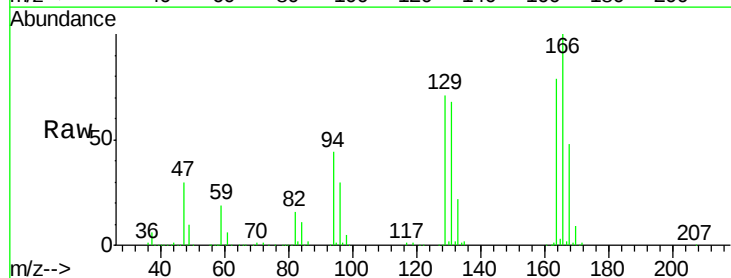


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

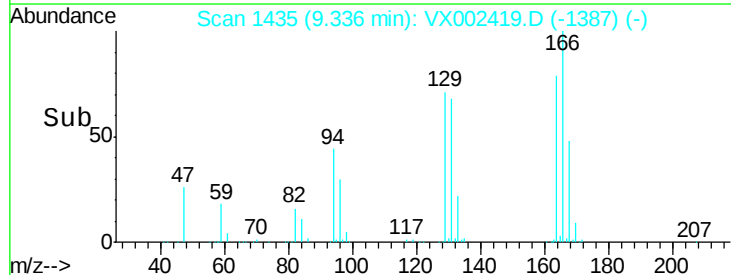
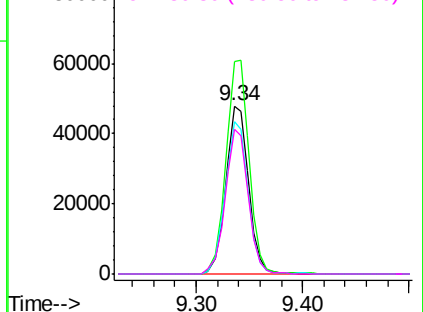


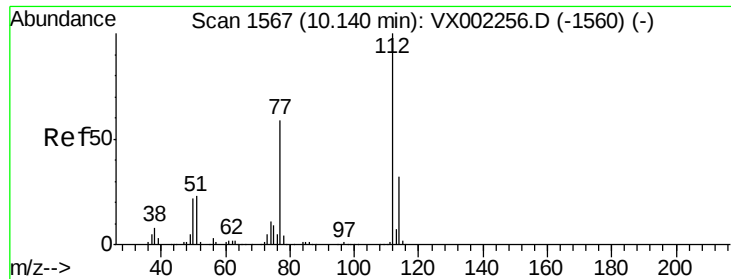
#64
Tetrachloroethene
Concen: 19.21 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.01 min
Lab File: VX002419.D
Acq: 09 Jun 2018 14:14

Tgt Ion:164 Resp: 71224
Ion Ratio Lower Upper
164 100
166 126.7 102.9 154.3
129 90.5 68.6 102.8
131 85.9 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: 19.36 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VX002419.D

Acq: 09 Jun 2018 14:14

Instrument :

MSVOA_X

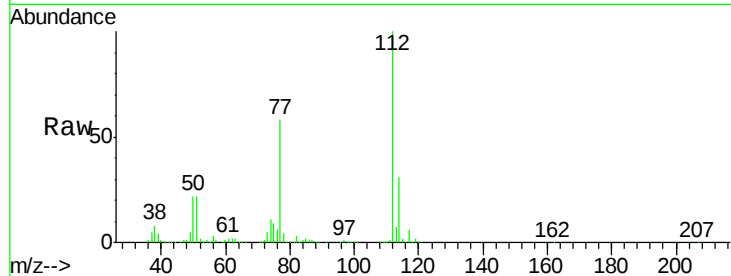
ClientSampled :

Tot Ion:112 Resp: 173207

Ion Ratio Lower Upper

112 100

114 31.1 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.14

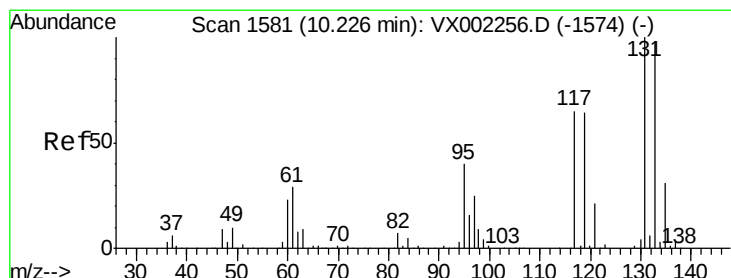
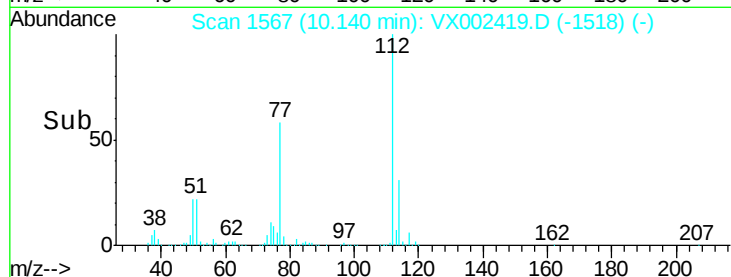
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 19.41 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX002419.D

Acq: 09 Jun 2018 14:14

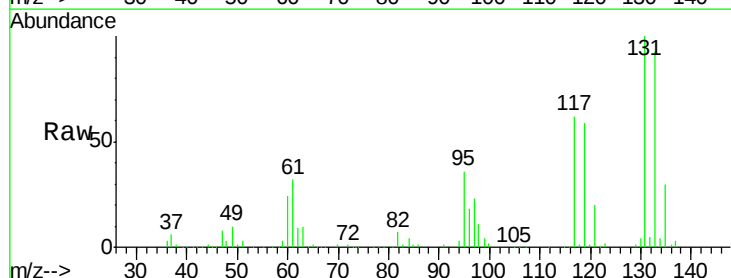
Tgt Ion:131 Resp: 62858

Ion Ratio Lower Upper

131 100

133 93.3 47.9 143.6

119 62.2 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

10.23

60000

50000

40000

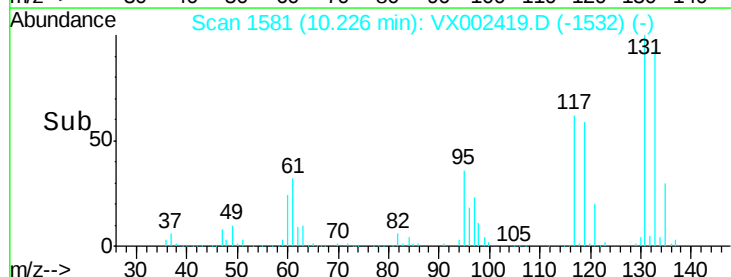
30000

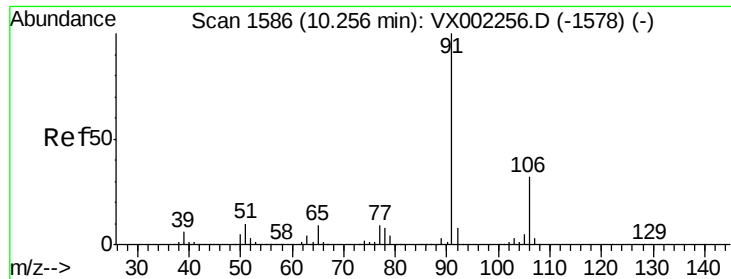
20000

10000

0

Time-->





#67

Ethyl Benzene

Concen: 20.16 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX002419.D

Acq: 09 Jun 2018 14:14

Instrument :

MSVOA_X

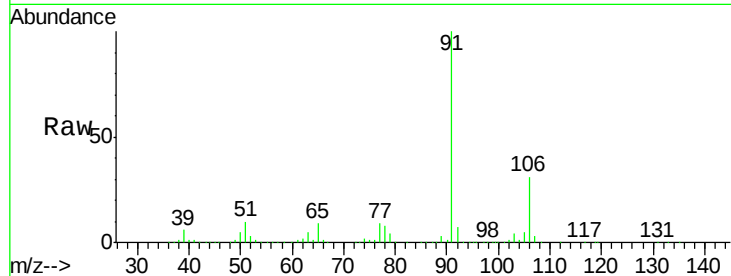
ClientSampled :

Tot Ion: 91 Resp: 301812

Ion Ratio Lower Upper

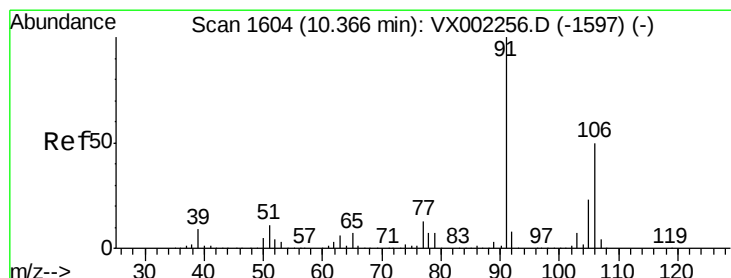
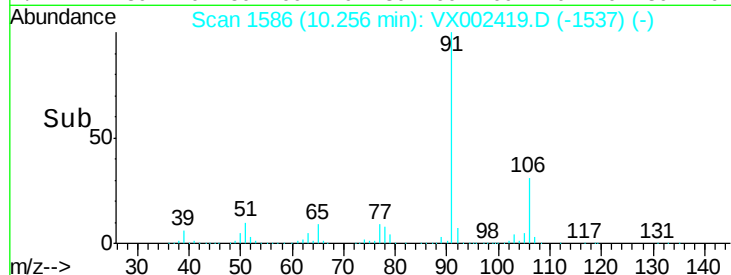
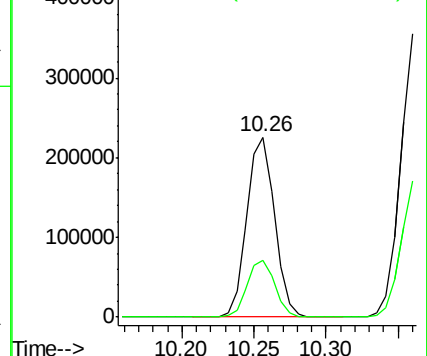
91 100

106 31.3 25.5 38.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 39.82 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.01 min

Lab File: VX002419.D

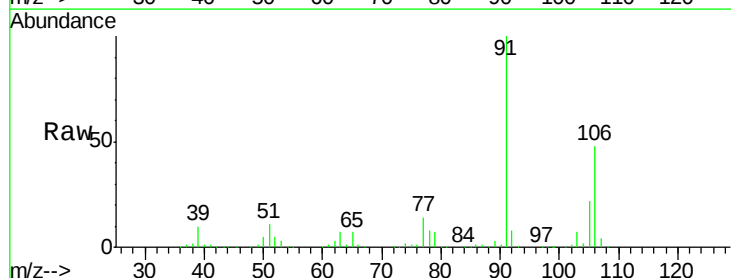
Acq: 09 Jun 2018 14:14

Tgt Ion: 106 Resp: 231741

Ion Ratio Lower Upper

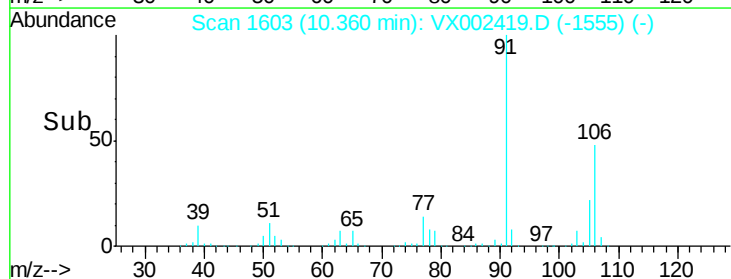
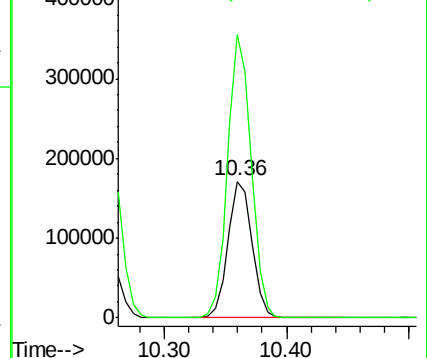
106 100

91 204.0 163.4 245.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

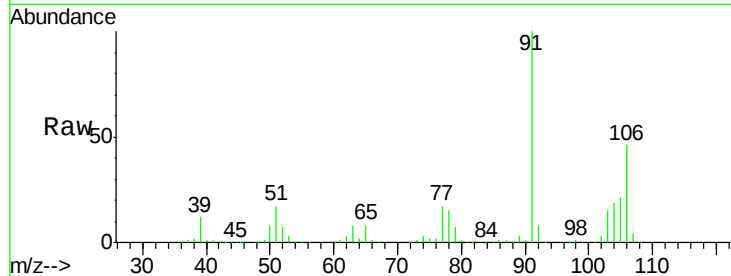




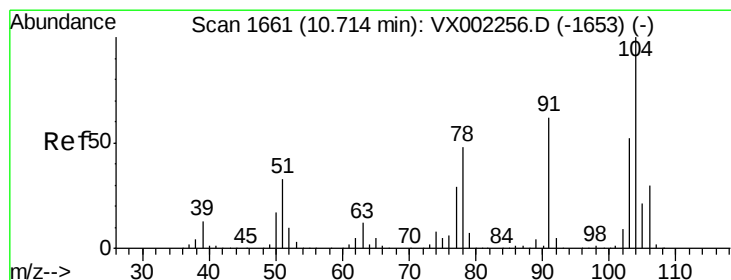
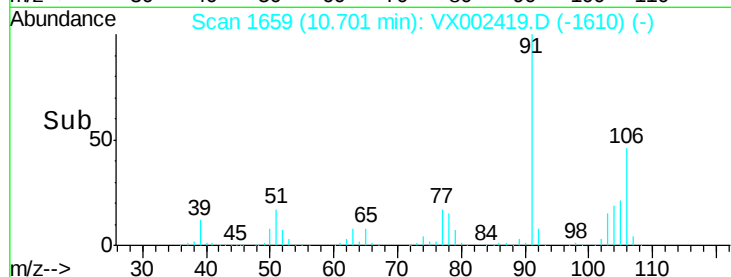
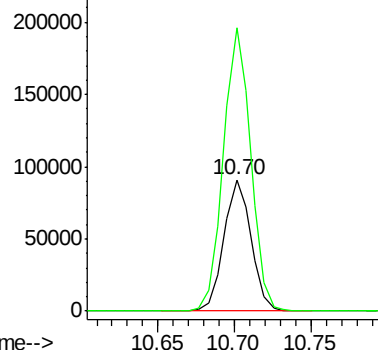
#69
o-Xylene
Concen: 19.40 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002419.D
Acq: 09 Jun 2018 14:14

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 112348
Ion Ratio Lower Upper
106 100
91 216.6 108.2 324.6

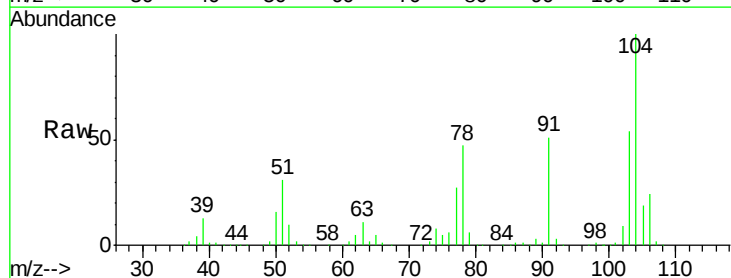


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

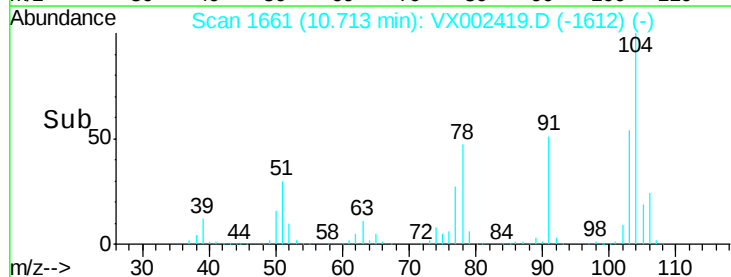
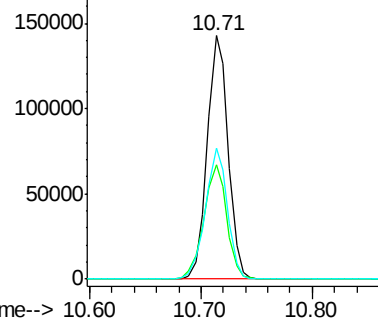


#70
Styrene
Concen: 19.57 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX002419.D
Acq: 09 Jun 2018 14:14

Tgt Ion:104 Resp: 185304
Ion Ratio Lower Upper
104 100
78 51.4 41.0 61.6
103 56.6 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: 17.82 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX002419.D

Acq: 09 Jun 2018 14:14

Instrument :

MSVOA_X

ClientSampleId :

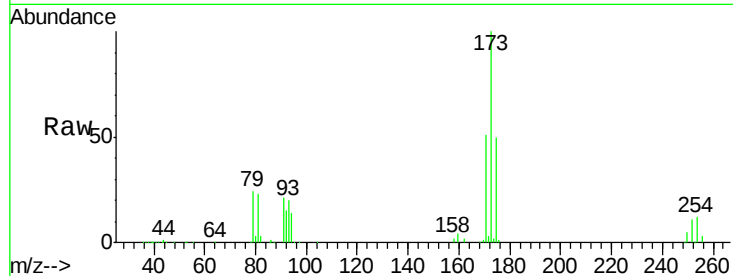
Tot Ion:173 Resp: 44747

Ion Ratio Lower Upper

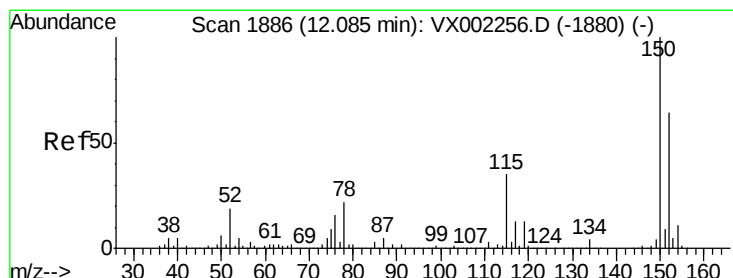
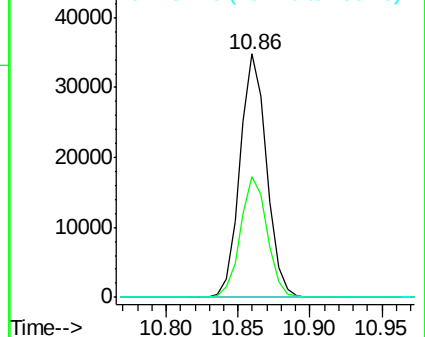
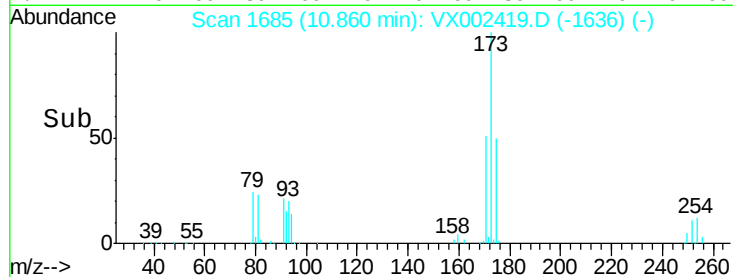
173 100

175 49.6 24.7 74.1

254 0.0 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: VX002419.D

Acq: 09 Jun 2018 14:14

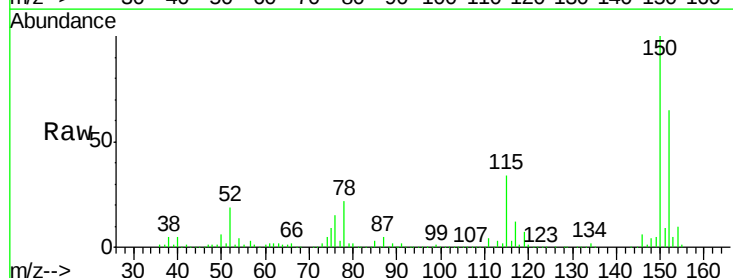
Tgt Ion:152 Resp: 227413

Ion Ratio Lower Upper

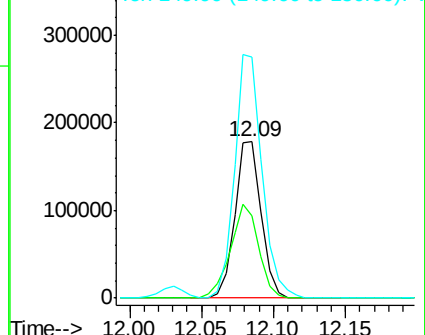
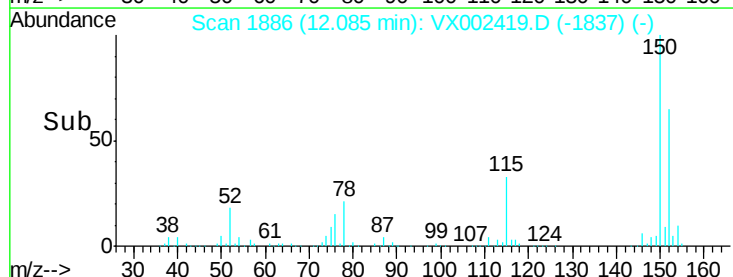
152 100

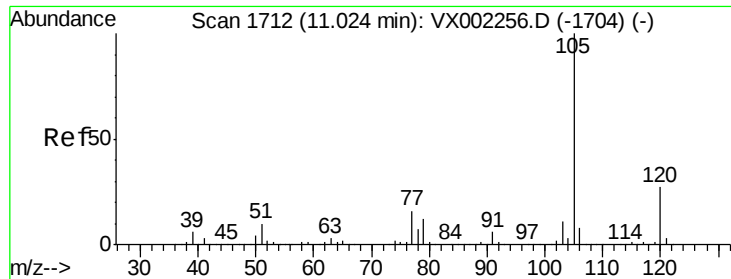
115 65.2 40.1 120.2

150 163.0 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: 19.95 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002419.D

Acq: 09 Jun 2018 14:14

Instrument :

MSVOA_X

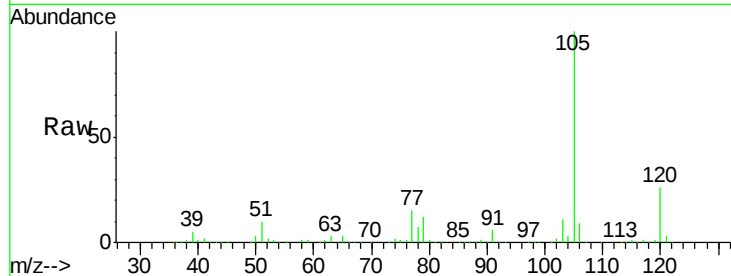
ClientSampled :

Tot Ion:105 Resp: 315653

Ion Ratio Lower Upper

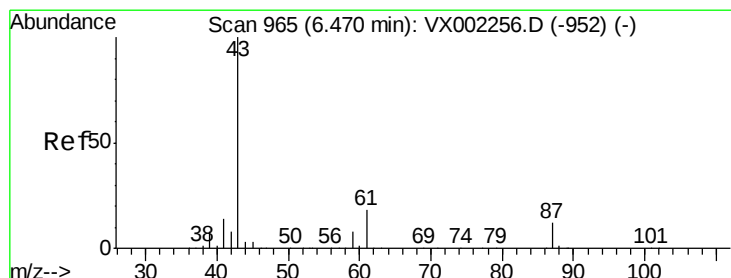
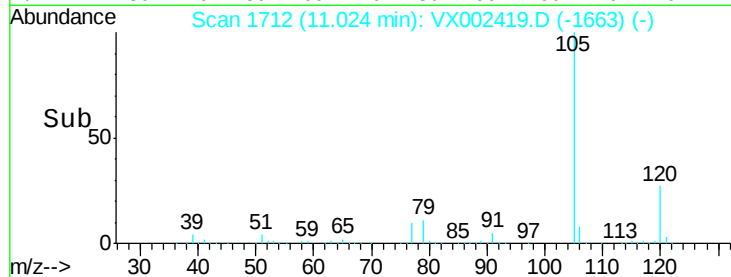
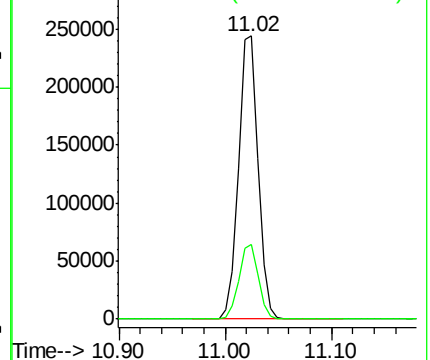
105 100

120 26.4 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 16.74 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002419.D

Acq: 09 Jun 2018 14:14

Tgt Ion: 43 Resp: 142687

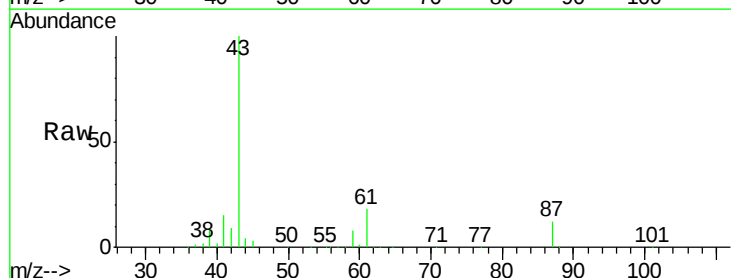
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 17.9 14.4 21.6

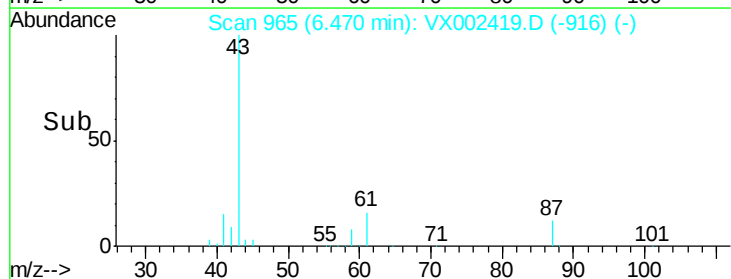
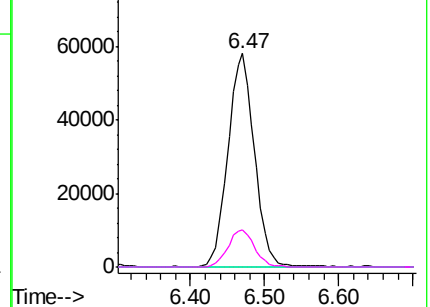


Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 18.10 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002419.D

Acq: 09 Jun 2018 14:14

Instrument :

MSVOA_X

ClientSampled :

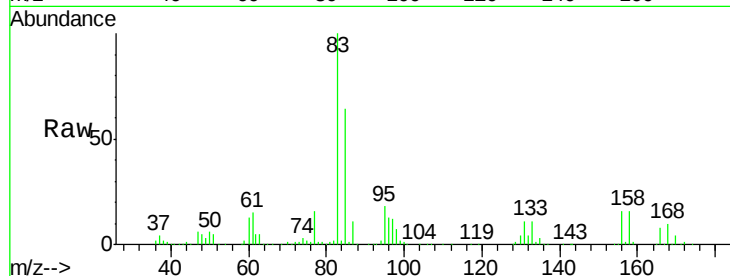
Tot Ion: 83 Resp: 90083

Ion Ratio Lower Upper

83 100

131 10.9 5.6 16.8

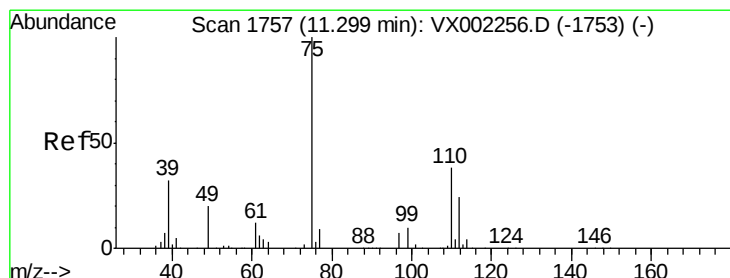
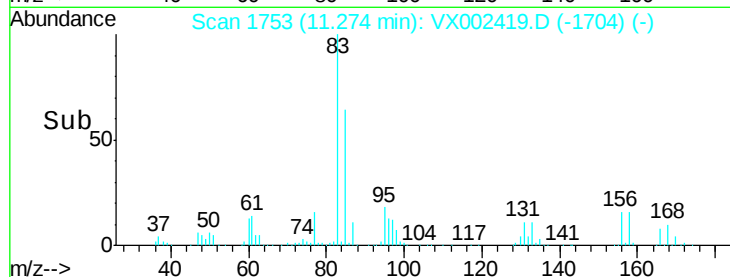
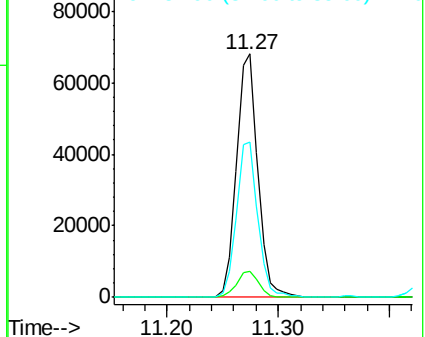
85 64.4 32.4 97.2



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: 20.21 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX002419.D

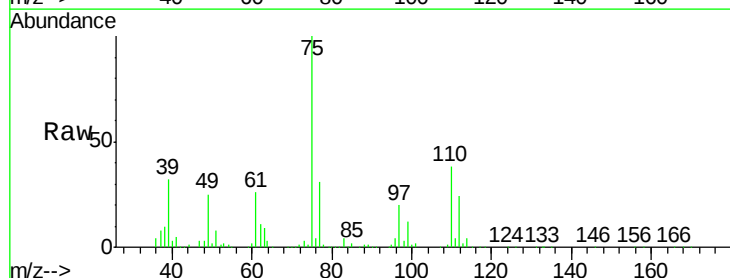
Acq: 09 Jun 2018 14:14

Tgt Ion: 75 Resp: 100861

Ion Ratio Lower Upper

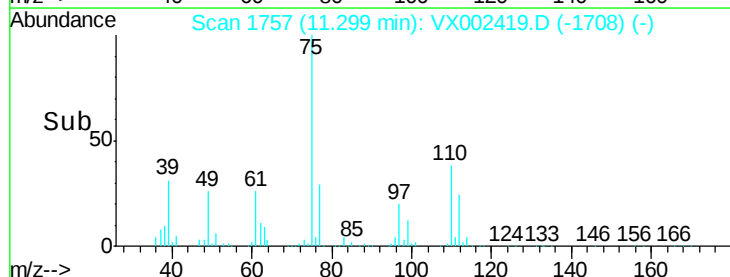
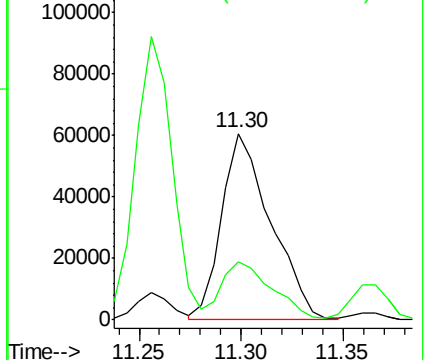
75 100

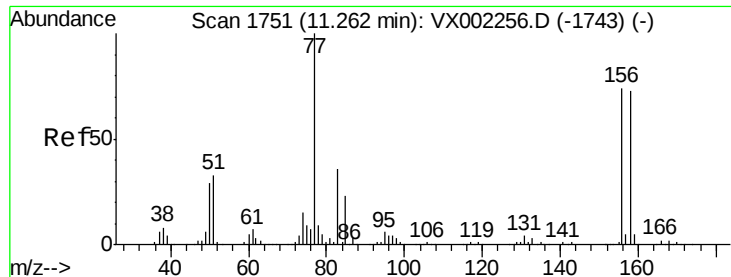
77 32.4 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.38 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX002419.D

Acq: 09 Jun 2018 14:14

Instrument :

MSVOA_X

ClientSampled :

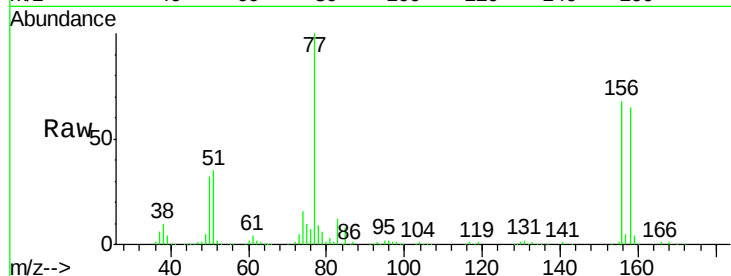
Tot Ion:156 Resp: 81609

Ion Ratio Lower Upper

156 100

77 141.8 71.4 214.2

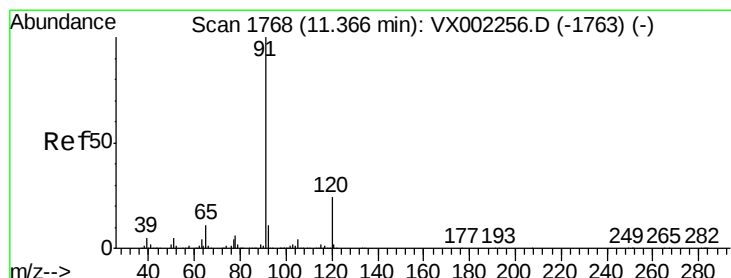
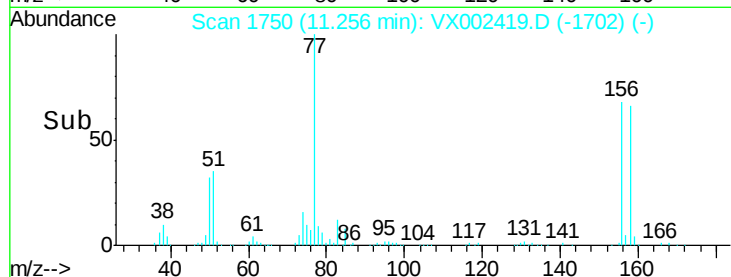
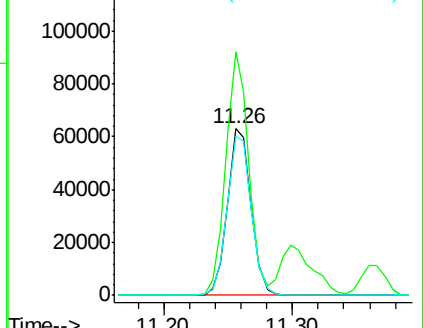
158 97.5 48.9 146.6



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: 20.62 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002419.D

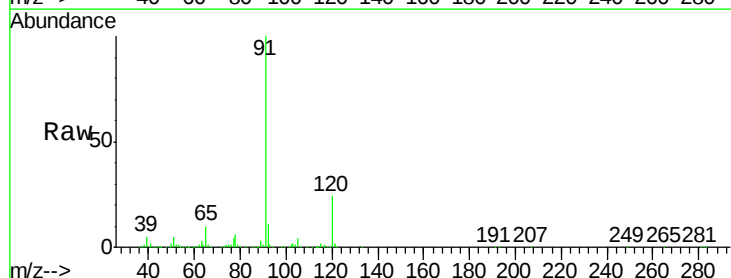
Acq: 09 Jun 2018 14:14

Tgt Ion: 91 Resp: 362558

Ion Ratio Lower Upper

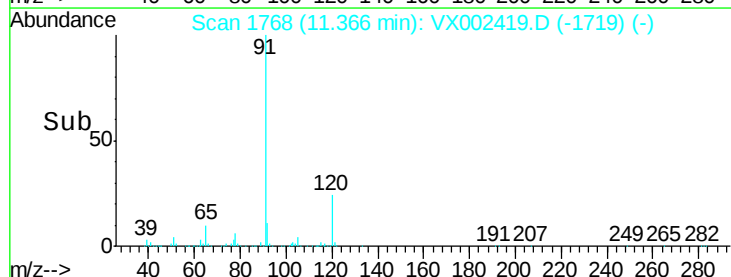
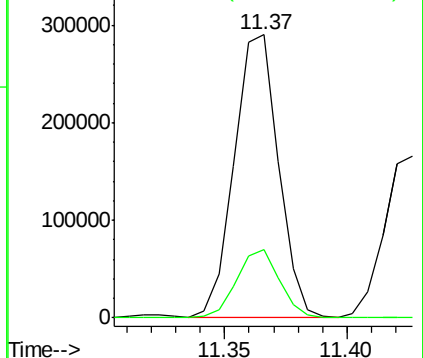
91 100

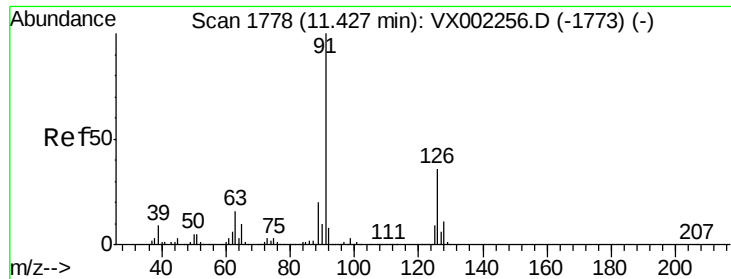
120 23.5 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

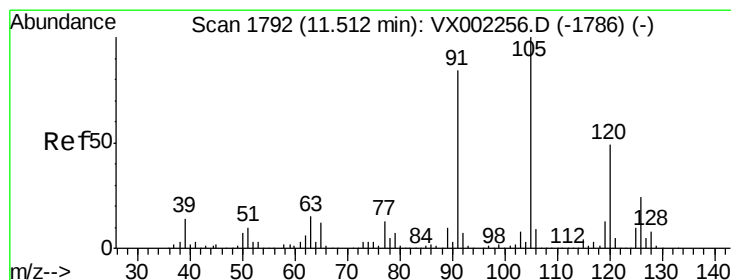
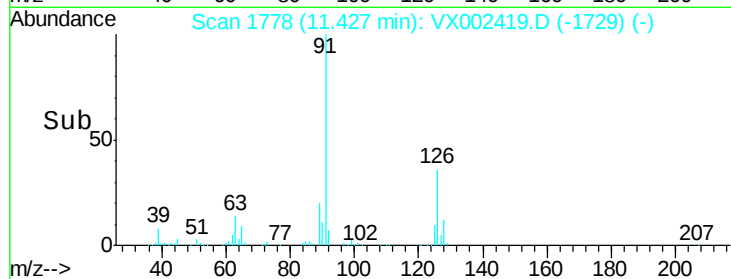
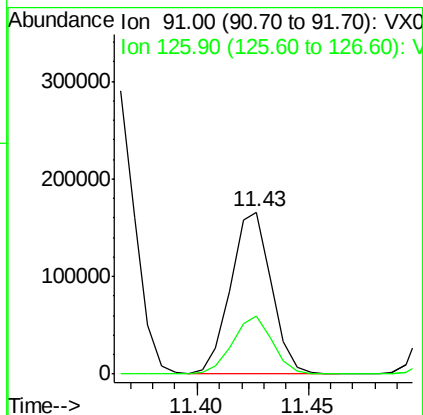
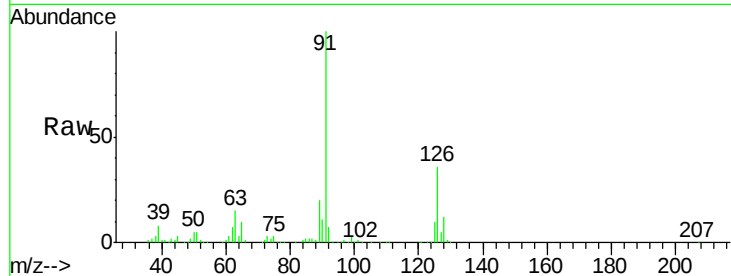




#79
 2-Chlorotoluene
 Concen: 18.98 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX002419.D
 Acq: 09 Jun 2018 14:14

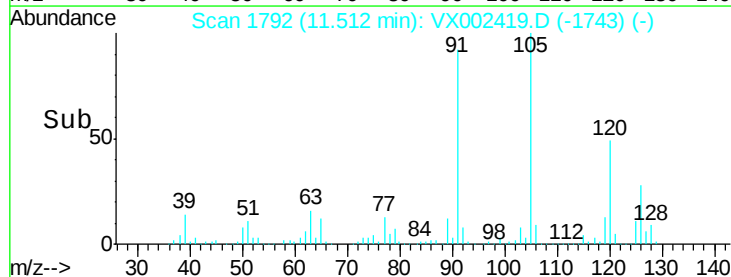
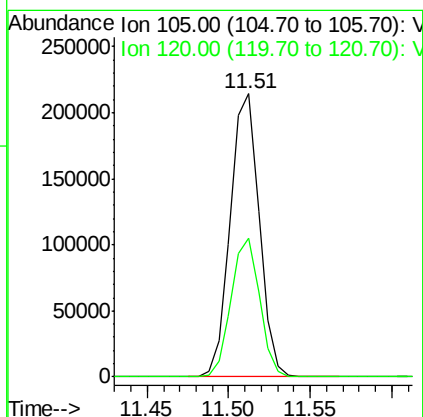
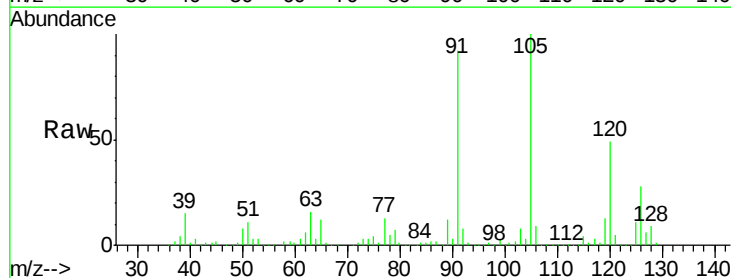
Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion: 91 Resp: 210678
 Ion Ratio Lower Upper
 91 100
 126 35.2 17.7 53.1



#80
 1,3,5-Trimethylbenzene
 Concen: 19.46 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX002419.D
 Acq: 09 Jun 2018 14:14

Tgt Ion: 105 Resp: 264055
 Ion Ratio Lower Upper
 105 100
 120 48.4 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 15.11 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX002419.D

Acq: 09 Jun 2018 14:14

Instrument :

MSVOA_X

ClientSampled :

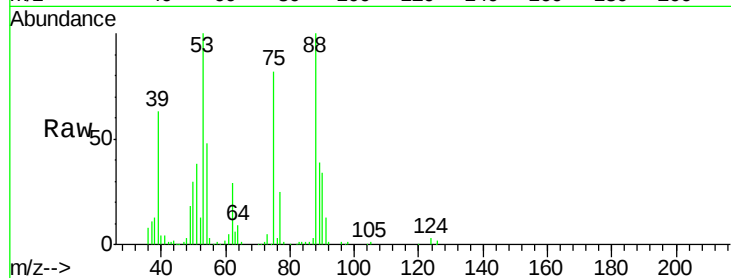
Tot Ion: 75 Resp: 21504

Ion Ratio Lower Upper

75 100

53 123.9 86.8 130.2

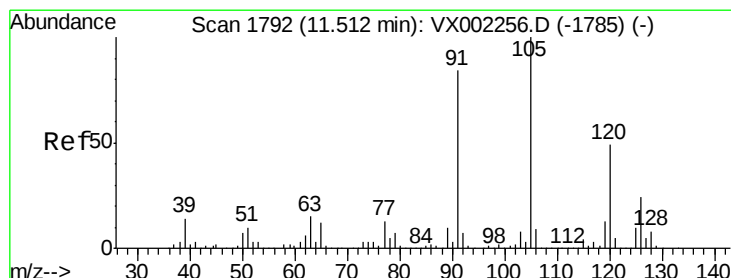
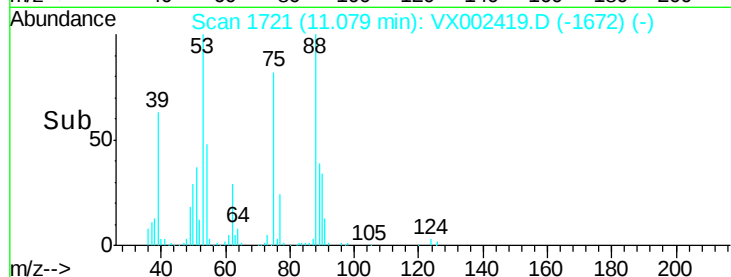
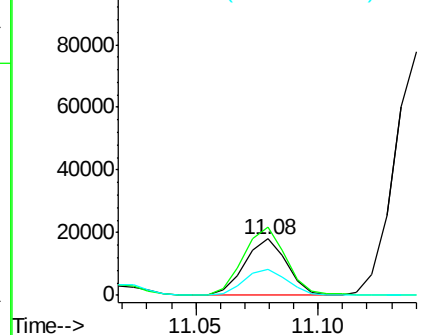
89 48.8 38.2 57.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 19.39 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002419.D

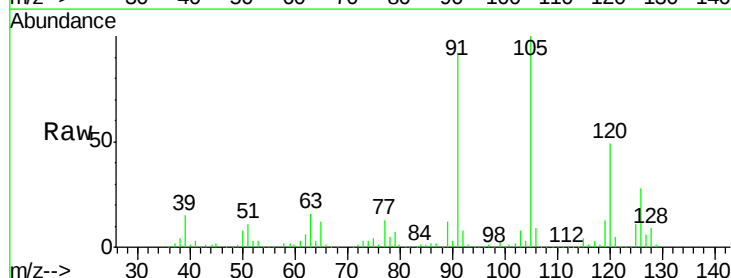
Acq: 09 Jun 2018 14:14

Tgt Ion: 91 Resp: 248450

Ion Ratio Lower Upper

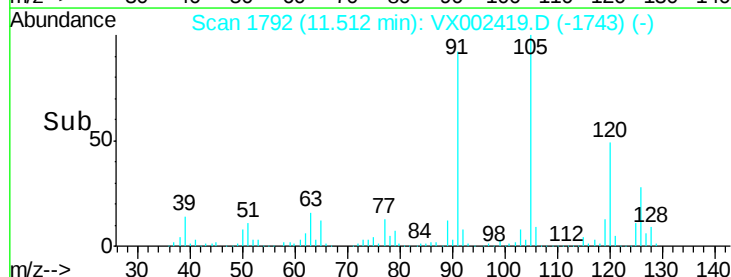
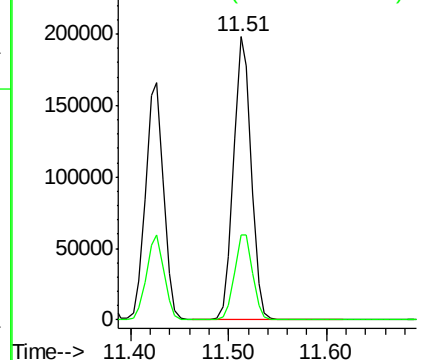
91 100

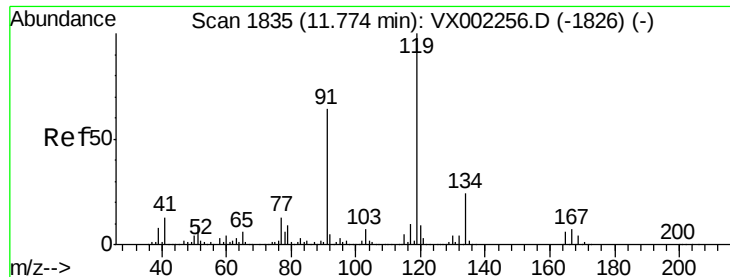
126 30.8 15.4 46.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

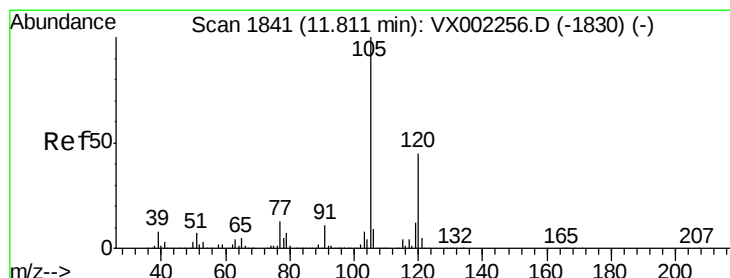
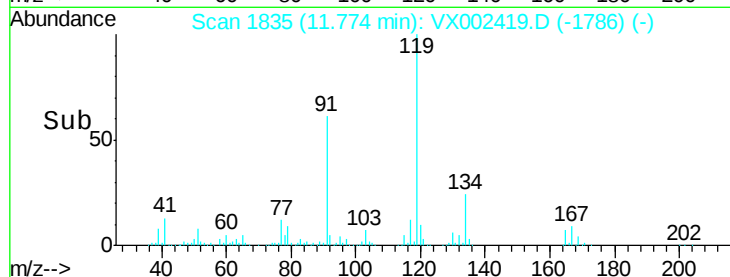
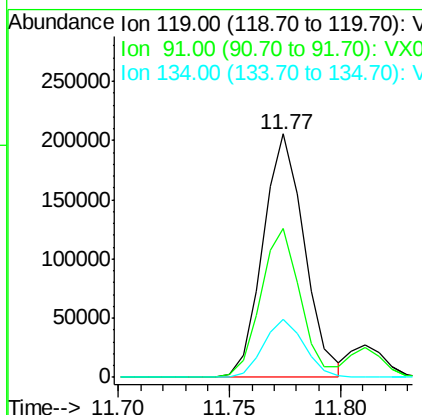
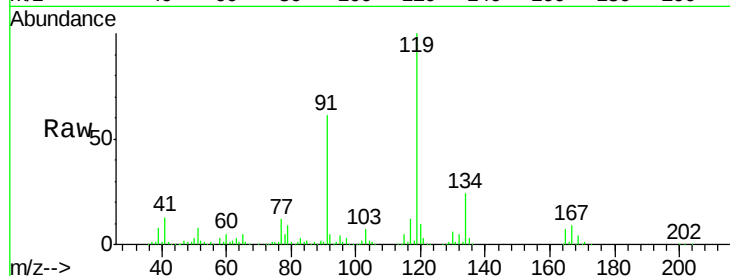




#83
 tert-Butylbenzene
 Concen: 20.04 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002419.D
 Acq: 09 Jun 2018 14:14

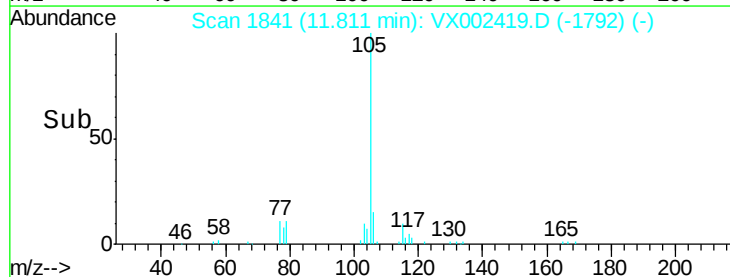
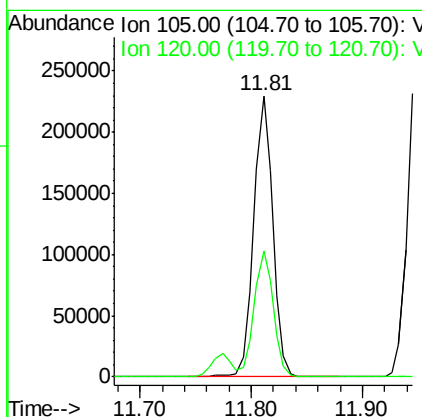
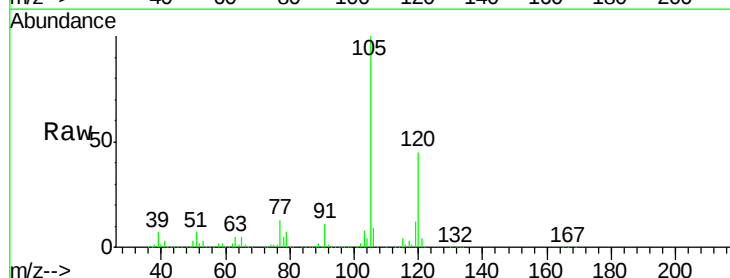
Instrument :
 MSVOA_X
 ClientSampleId :

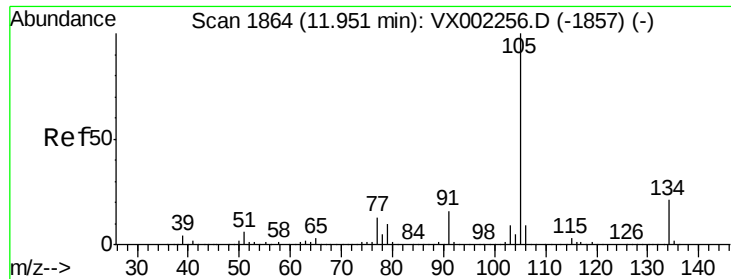
Tot Ion:119 Resp: 264807
 Ion Ratio Lower Upper
 119 100
 91 59.3 30.3 90.9
 134 23.5 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 19.61 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002419.D
 Acq: 09 Jun 2018 14:14

Tgt Ion:105 Resp: 273941
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.3 66.8





#85

sec-Butylbenzene

Concen: 21.31 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002419.D

Acq: 09 Jun 2018 14:14

Instrument :

MSVOA_X

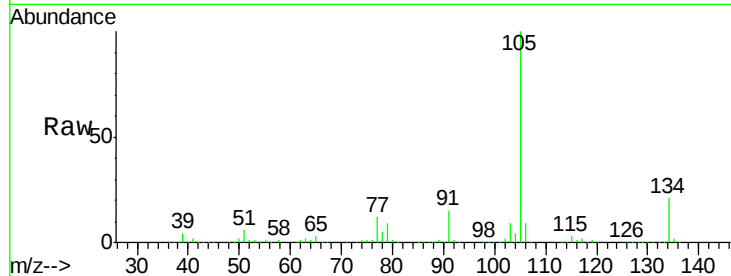
ClientSampled :

Tot Ion:105 Resp: 330049

Ion Ratio Lower Upper

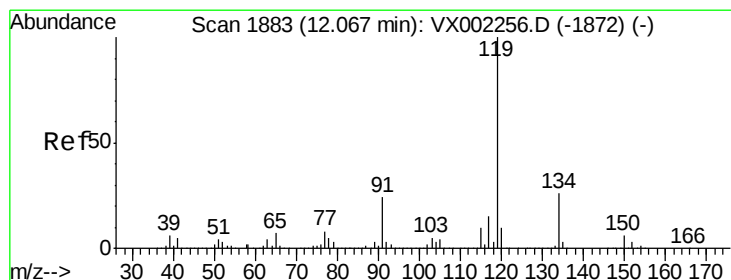
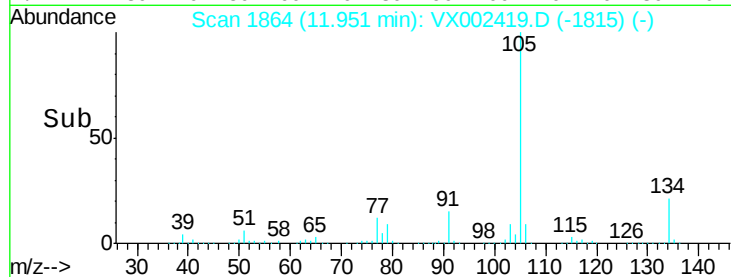
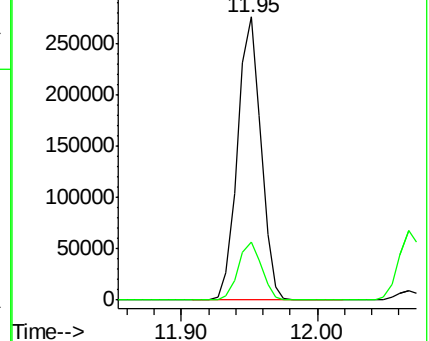
105 100

134 20.6 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: 20.91 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002419.D

Acq: 09 Jun 2018 14:14

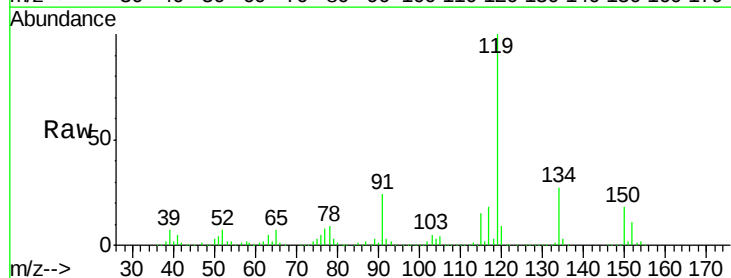
Tgt Ion:119 Resp: 295054

Ion Ratio Lower Upper

119 100

134 27.1 13.4 40.1

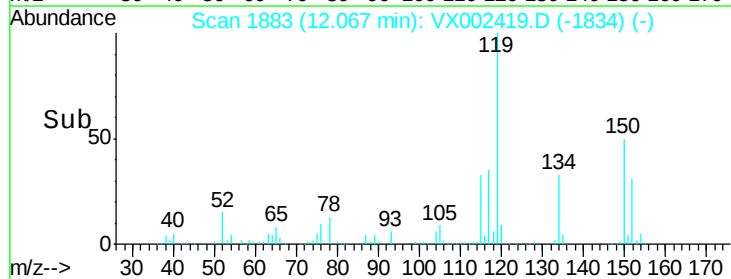
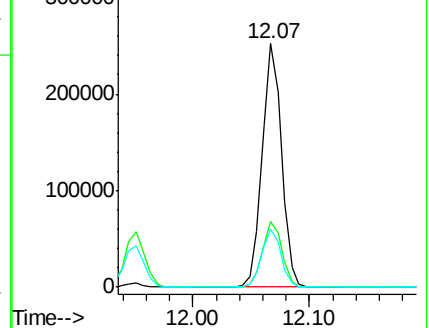
91 23.9 11.9 35.7

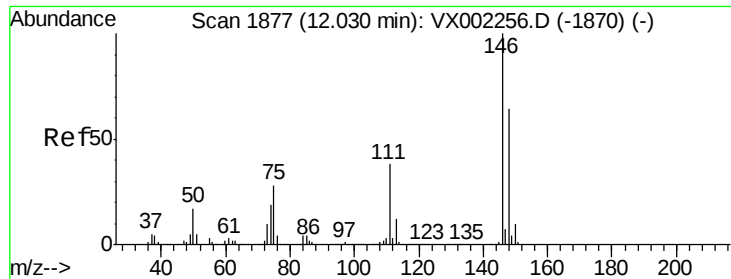


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 19.55 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX002419.D

Acq: 09 Jun 2018 14:14

Instrument :

MSVOA_X

ClientSampleId :

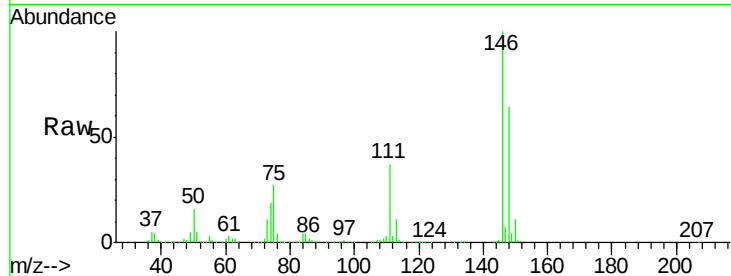
Tot Ion:146 Resp: 155229

Ion Ratio Lower Upper

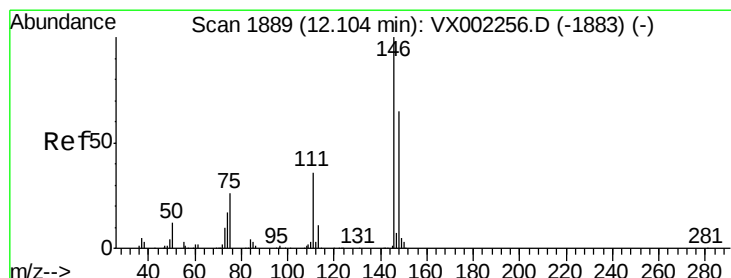
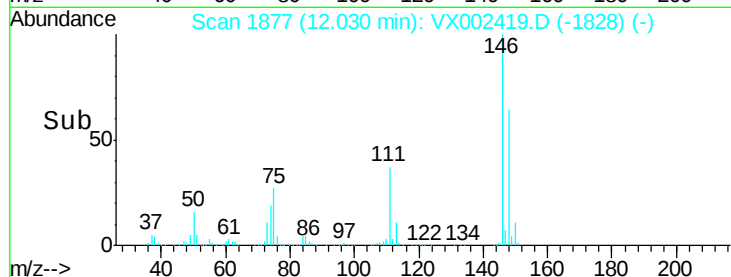
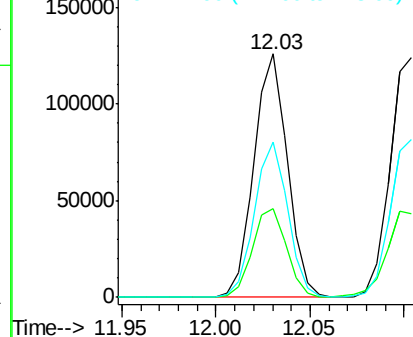
146 100

111 37.5 18.9 56.7

148 63.3 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: 18.93 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX002419.D

Acq: 09 Jun 2018 14:14

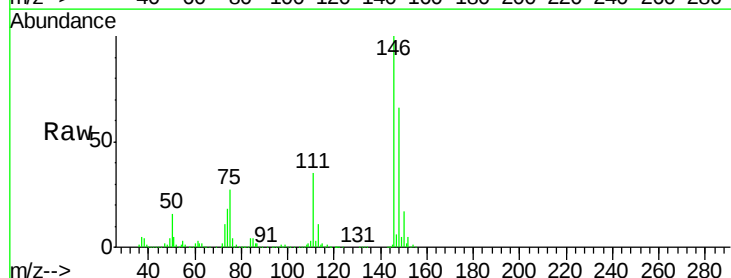
Tgt Ion:146 Resp: 154912

Ion Ratio Lower Upper

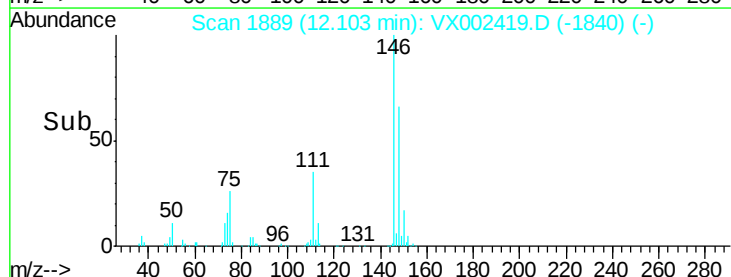
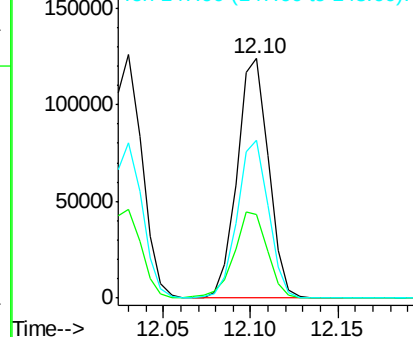
146 100

111 38.1 18.7 56.1

148 65.4 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

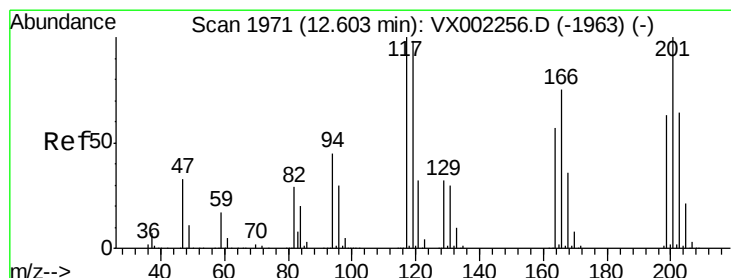
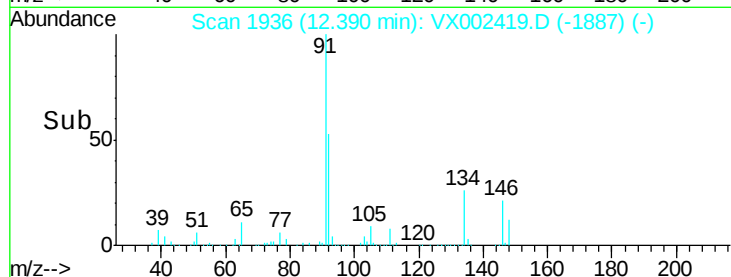
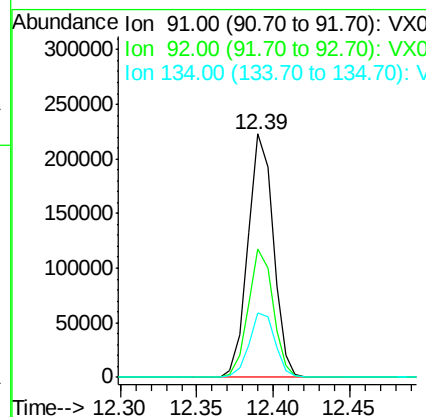
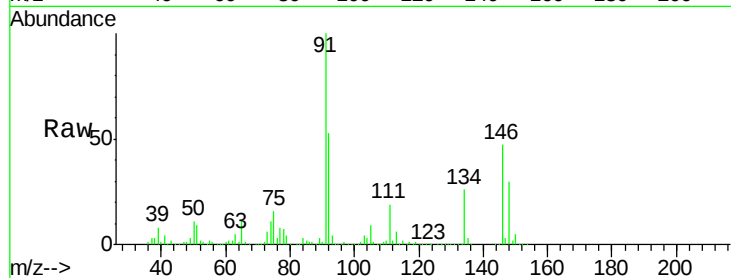




#89
n-Butylbenzene
Concen: 21.65 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX002419.D
Acq: 09 Jun 2018 14:14

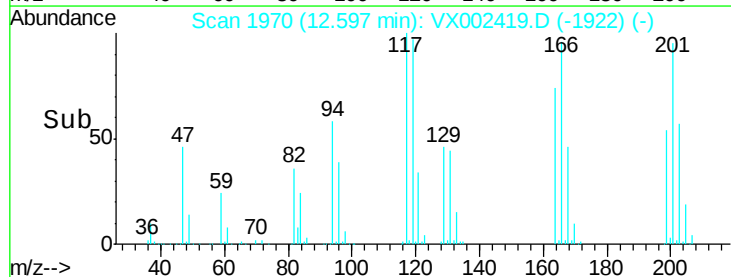
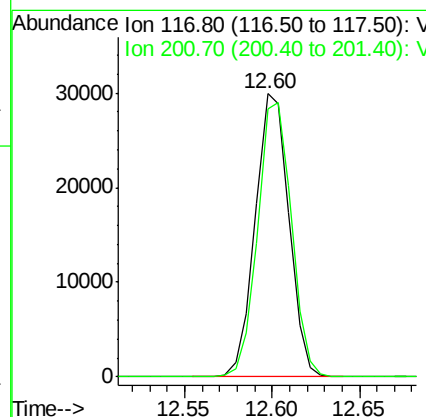
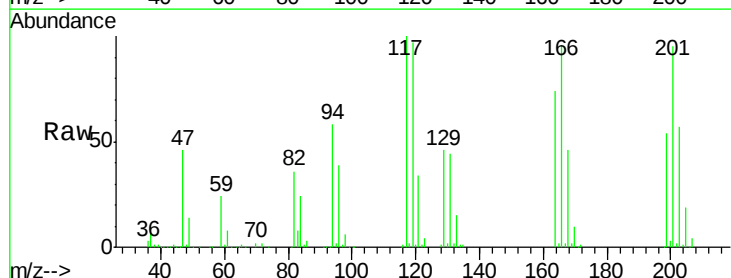
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 91 Resp: 256228
Ion Ratio Lower Upper
91 100
92 52.2 26.0 78.0
134 27.0 13.5 40.5



#90
Hexachloroethane
Concen: 17.82 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.01 min
Lab File: VX002419.D
Acq: 09 Jun 2018 14:14

Tgt Ion: 117 Resp: 40130
Ion Ratio Lower Upper
117 100
201 97.0 49.0 147.0

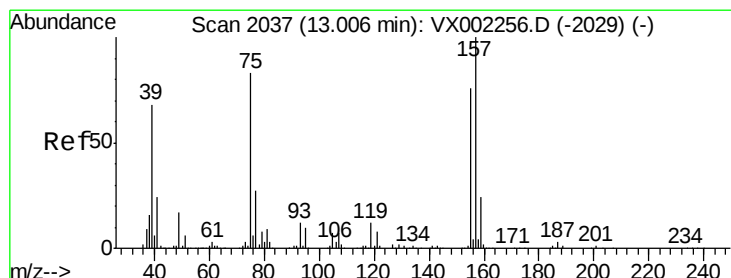
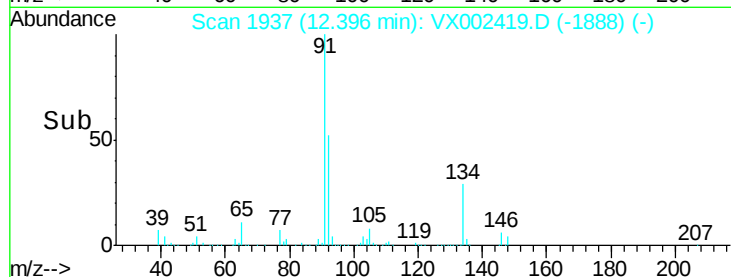
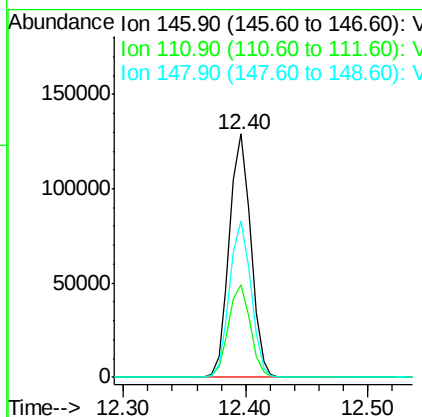
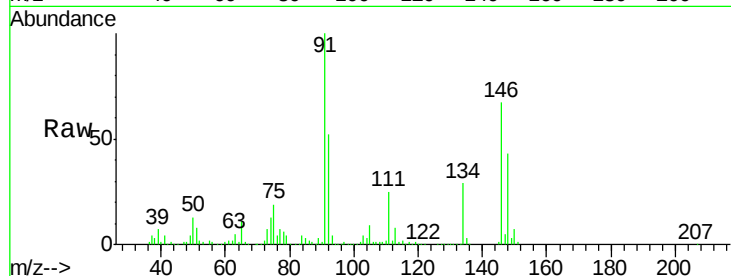




#91
 1,2-Dichlorobenzene
 Concen: 19.07 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX002419.D
 Acq: 09 Jun 2018 14:14

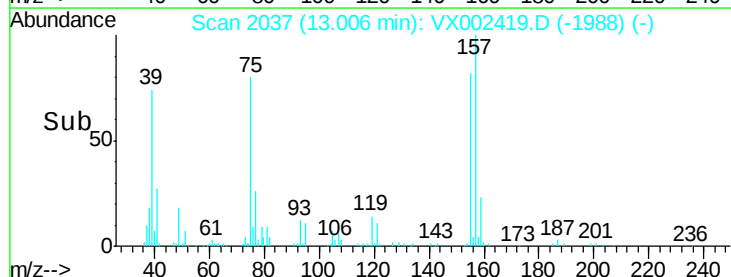
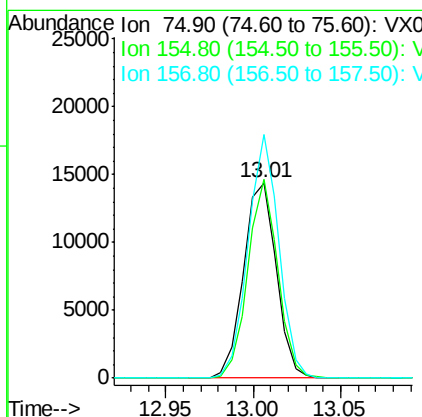
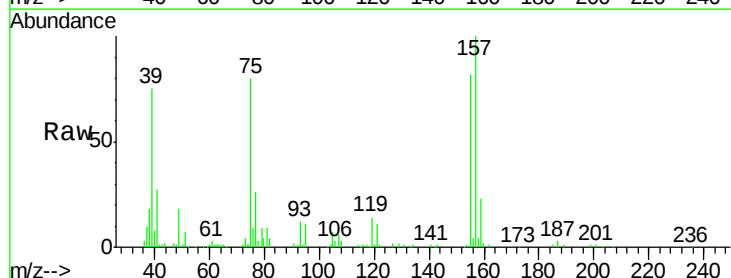
Instrument :
 MSVOA_X
 ClientSampleId :

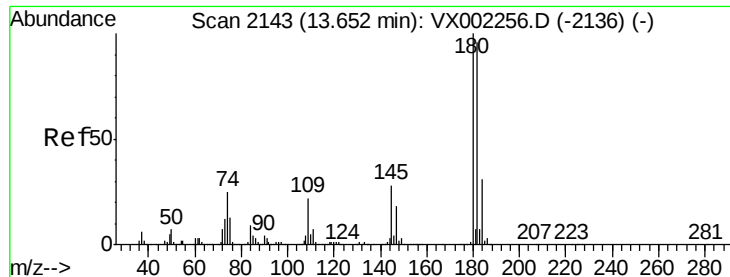
Tot Ion:146 Resp: 156674
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.4 58.1
 148 63.9 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.25 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX002419.D
 Acq: 09 Jun 2018 14:14

Tgt Ion: 75 Resp: 18774
 Ion Ratio Lower Upper
 75 100
 155 92.4 45.8 137.4
 157 116.7 60.1 180.3





#93

1,2,4-Trichlorobenzene

Concen: 19.89 ug/l

RT: 13.65 min Scan# 2143

Delta R.T. -0.00 min

Lab File: VX002419.D

Acq: 09 Jun 2018 14:14

Instrument :

MSVOA_X

ClientSampleId :

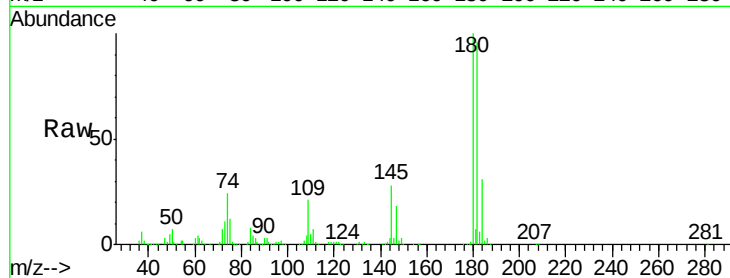
Tot Ion:180 Resp: 114566

Ion Ratio Lower Upper

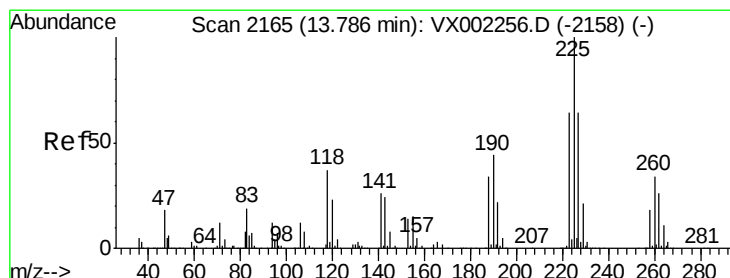
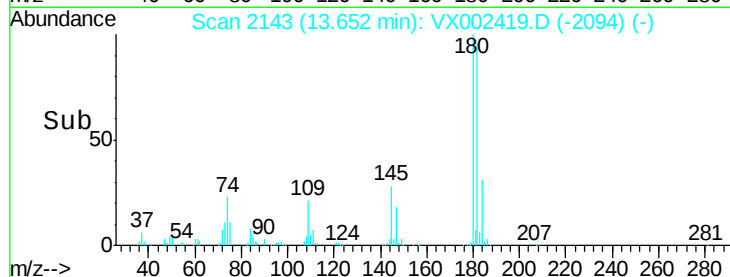
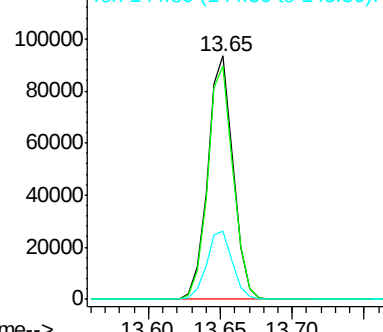
180 100

182 96.2 47.7 143.1

145 28.8 14.1 42.4



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



#94

Hexachlorobutadiene

Concen: 22.86 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. -0.00 min

Lab File: VX002419.D

Acq: 09 Jun 2018 14:14

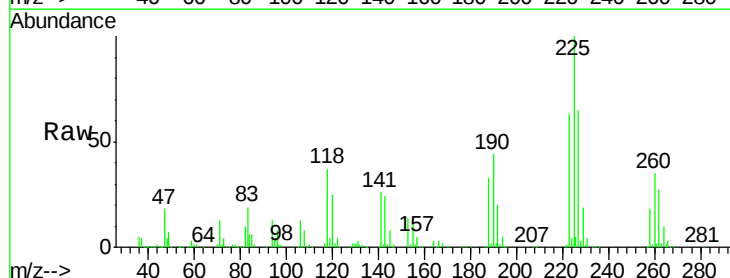
Tgt Ion:225 Resp: 65091

Ion Ratio Lower Upper

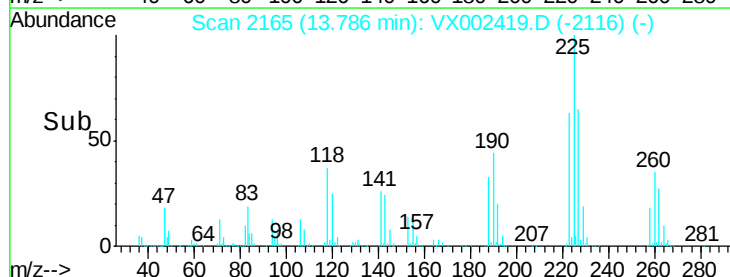
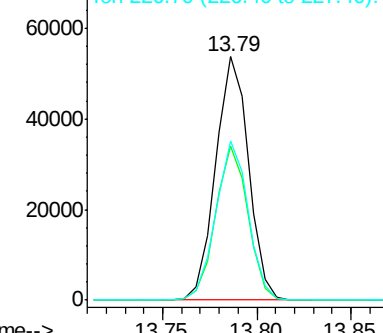
225 100

223 62.1 31.6 95.0

227 64.2 32.4 97.2



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 19.03 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002419.D

Acq: 09 Jun 2018 14:14

Instrument :

MSVOA_X

ClientSampleId :

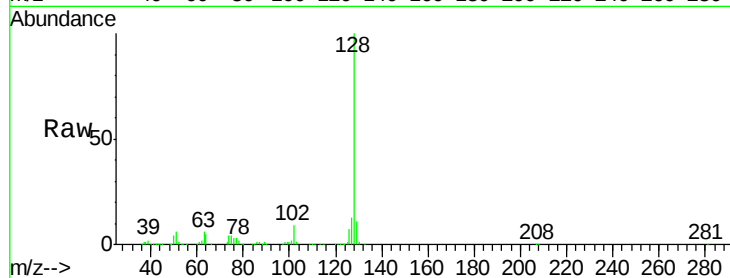
Tot Ion:128 Resp: 315045

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

129 10.8 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

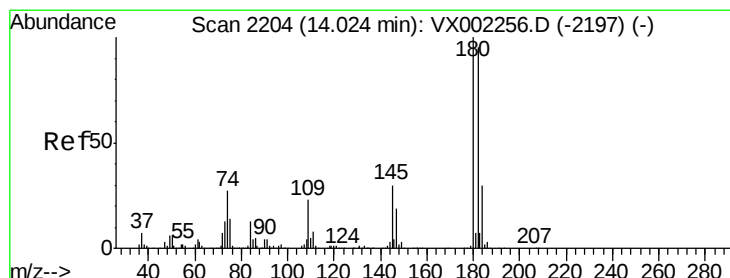
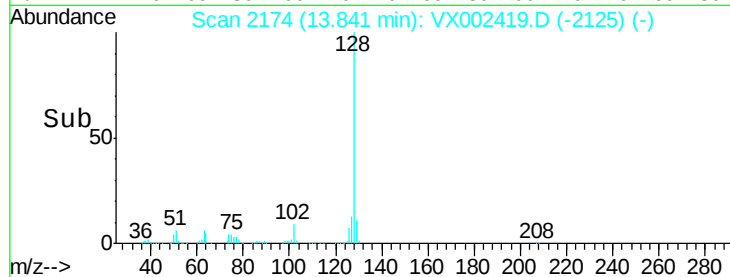
13.84

200000

100000

0

Time-->



#96

1,2,3-Trichlorobenzene

Concen: 20.01 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX002419.D

Acq: 09 Jun 2018 14:14

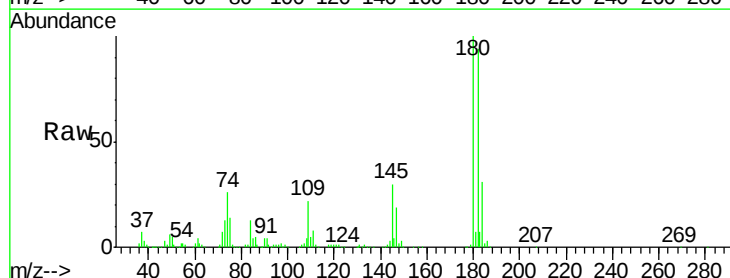
Tgt Ion:180 Resp: 117546

Ion Ratio Lower Upper

180 100

182 95.5 48.0 144.0

145 30.1 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

14.02

100000

50000

0

Time-->

