

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062118\
 Data File : VX002785.D
 Acq On : 21 Jun 2018 13:50
 Operator : JC/MD
 Sample : VX0621WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 22 01:08:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	242113	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	329388	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	316786	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	197898	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	158687	43.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.26%	
35) Dibromofluoromethane	5.51	113	125908	47.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.78%	
50) Toluene-d8	8.72	98	450783	45.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.32%	
62) 4-Bromofluorobenzene	11.14	95	170251	45.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	46222	17.98	ug/l	100
3) Chloromethane	1.32	50	48333	15.81	ug/l	98
4) Vinyl Chloride	1.40	62	52244	16.47	ug/l	98
5) Bromomethane	1.64	94	25211	13.17	ug/l	99
6) Chloroethane	1.72	64	38055	18.20	ug/l	99
7) Trichlorofluoromethane	1.93	101	91704	17.79	ug/l	99
8) Diethyl Ether	2.19	74	32931	16.80	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	52730	18.30	ug/l	99
10) Methyl Iodide	2.51	142	38201	13.99	ug/l	99
11) Tert butyl alcohol	3.08	59	69599	91.51	ug/l	99
12) 1,1-Dichloroethene	2.37	96	46455	17.17	ug/l	99
13) Acrolein	2.29	56	29349	86.91	ug/l	99
14) Allyl chloride	2.73	41	91676	17.07	ug/l	98
15) Acrylonitrile	3.15	53	142591	85.91	ug/l	98
16) Acetone	2.45	43	148758	91.64	ug/l	99
17) Carbon Disulfide	2.57	76	118407	18.45	ug/l	99
18) Methyl Acetate	2.78	43	80847	18.70	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	169411	16.69	ug/l	100
20) Methylene Chloride	2.86	84	54300	16.31	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	49050	16.71	ug/l	94
22) Diisopropyl ether	3.87	45	170025	17.50	ug/l	95
23) Vinyl Acetate	3.83	43	724348	89.05	ug/l	98
24) 1,1-Dichloroethane	3.70	63	96975	18.39	ug/l	99
25) 2-Butanone	4.71	43	206014	96.64	ug/l	99
26) 2,2-Dichloropropane	4.59	77	71949	18.98	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	54197	18.15	ug/l	98
28) Bromochloromethane	5.02	49	38436	15.56	ug/l	95
29) Tetrahydrofuran	5.17	42	128366	91.88	ug/l	98
30) Chloroform	5.22	83	95692	18.81	ug/l	96
31) Cyclohexane	5.57	56	77739	17.90	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	82611	19.42	ug/l	99
36) 1,1-Dichloropropene	5.81	75	66921	19.13	ug/l	99
37) Ethyl Acetate	4.87	43	77533	19.58	ug/l	100
38) Carbon Tetrachloride	5.78	117	74185	21.30	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	78257	19.14	ug/l	98
40) Benzene	6.15	78	201961	19.25	ug/l	100
41) Methacrylonitrile	5.06	41	43328	19.38	ug/l	98
42) 1,2-Dichloroethane	6.20	62	81197	19.99	ug/l	99
43) Isopropyl Acetate	6.47	43	122685	18.70	ug/l	99
44) Trichloroethene	7.21	130	58014	19.16	ug/l	96
45) 1,2-Dichloropropane	7.52	63	52969	19.19	ug/l	99
46) Dibromomethane	7.67	93	36825	19.94	ug/l	96
47) Bromodichloromethane	7.90	83	68118	20.91	ug/l	99
48) Methyl methacrylate	7.78	41	63977	19.08	ug/l	97
49) 1,4-Dioxane	7.76	88	26333	414.78	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	412520	97.94	ug/l	99
52) Toluene	8.79	92	130279	19.47	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	75897	19.15	ug/l	98
54) cis-1,3-Dichloropropene	9.04	75	69588	19.04	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	53617	19.83	ug/l	98
56) Ethyl methacrylate	9.18	69	77211	18.56	ug/l	99
57) 1,3-Dichloropropane	9.38	76	88318	19.31	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	181615	90.24	ug/l	99
59) 2-Hexanone	9.50	43	316396	99.68	ug/l	98
60) Dibromochloromethane	9.59	129	54844	20.44	ug/l	99
61) 1,2-Dibromoethane	9.68	107	56334	20.12	ug/l	100
64) Tetrachloroethene	9.34	164	66256	18.84	ug/l	98
65) Chlorobenzene	10.14	112	149753	19.25	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	54119	20.40	ug/l	99
67) Ethyl Benzene	10.26	91	249223	18.99	ug/l	99
68) m/p-Xylenes	10.36	106	195859	38.69	ug/l	98
69) o-Xylene	10.70	106	94331	18.97	ug/l	98
70) Styrene	10.71	104	156059	19.08	ug/l	99
71) Bromoform	10.86	173	41120	20.22	ug/l #	100
73) Isopropylbenzene	11.02	105	258536	19.53	ug/l	100
74) N-amyl acetate	6.47	43	122685	18.66	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	80133	20.50	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	87987	23.56	ug/l	81
77) Bromobenzene	11.26	156	72583	19.68	ug/l	96
78) n-propylbenzene	11.37	91	292663	19.28	ug/l	100
79) 2-Chlorotoluene	11.43	91	174582	19.26	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	216834	19.39	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	19293	19.33	ug/l	91
82) 4-Chlorotoluene	11.51	91	205975	19.26	ug/l	99
83) tert-Butylbenzene	11.77	119	212150	19.69	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	223135	19.55	ug/l	98
85) sec-Butylbenzene	11.95	105	257539	19.22	ug/l	100
86) p-Isopropyltoluene	12.07	119	232575	19.18	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	129269	19.12	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	133615	19.42	ug/l	99
89) n-Butylbenzene	12.39	91	197368	18.45	ug/l	99
90) Hexachloroethane	12.60	117	32287	18.81	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	131796	19.36	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	16957	20.71	ug/l	99

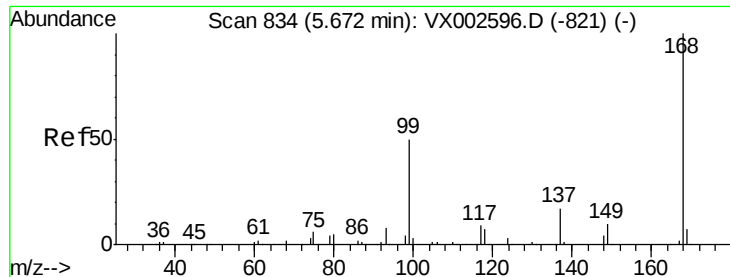
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	93759	18.98	ug/l	99
94) Hexachlorobutadiene	13.79	225	49021	18.84	ug/l	99
95) Naphthalene	13.84	128	257388	19.36	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	97172	19.59	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: VX002785.D

Acq: 21 Jun 2018 13:50

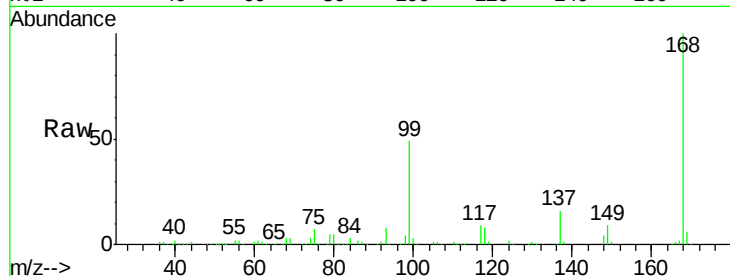
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 242113

Ion Ratio Lower Upper

168 100

99 48.7 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

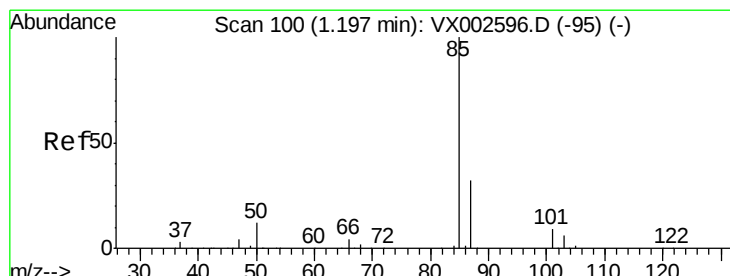
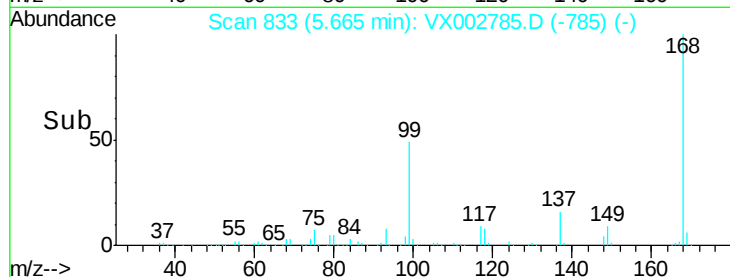
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 17.98 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002785.D

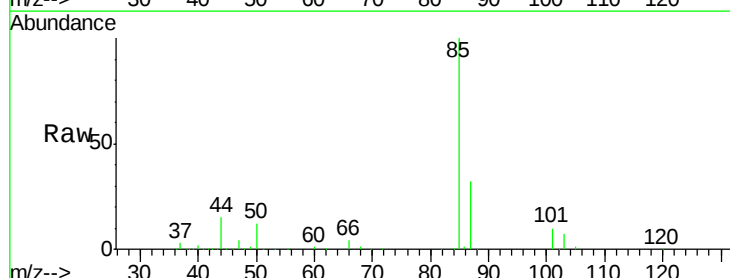
Acq: 21 Jun 2018 13:50

Tgt Ion: 85 Resp: 46222

Ion Ratio Lower Upper

85 100

87 32.0 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

50000

40000

30000

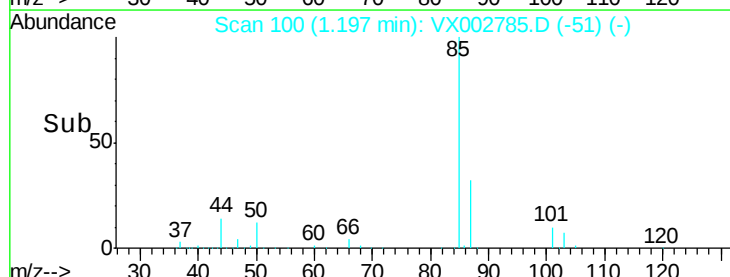
20000

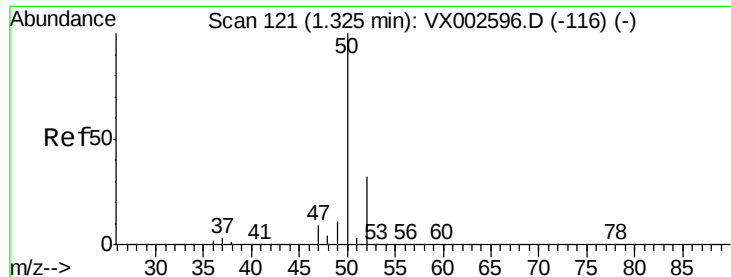
10000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 15.81 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002785.D

Acq: 21 Jun 2018 13:50

Instrument :

MSVOA_X

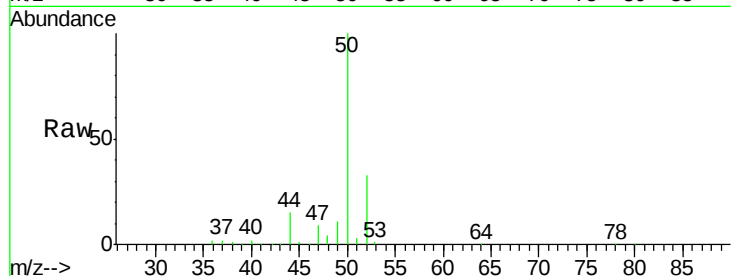
ClientSampleId :

Tot Ion: 50 Resp: 48333

Ion Ratio Lower Upper

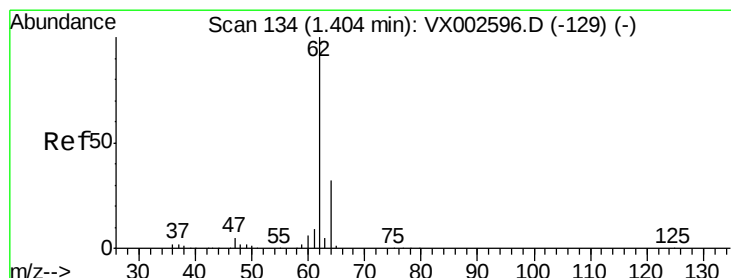
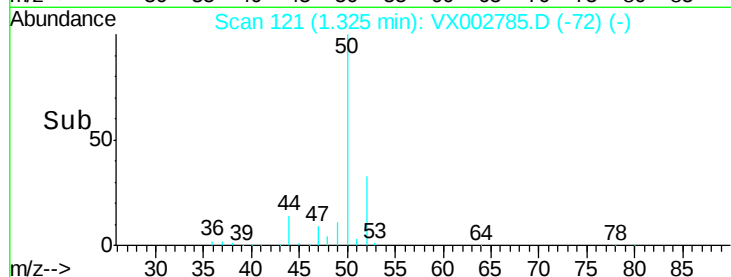
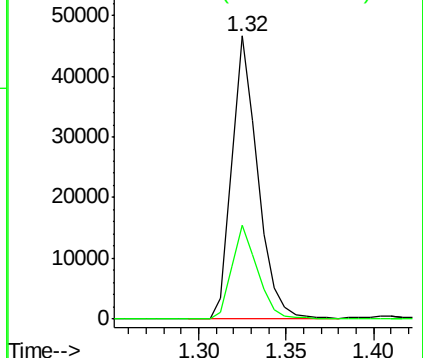
50 100

52 33.0 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 16.47 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX002785.D

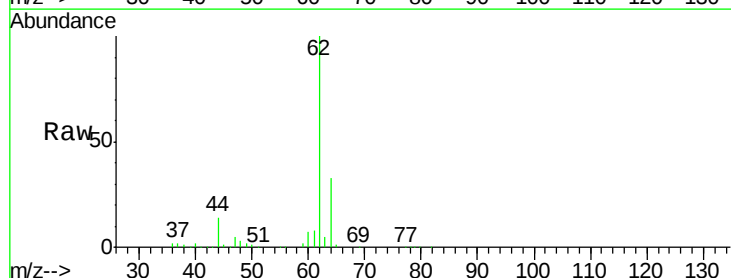
Acq: 21 Jun 2018 13:50

Tgt Ion: 62 Resp: 52244

Ion Ratio Lower Upper

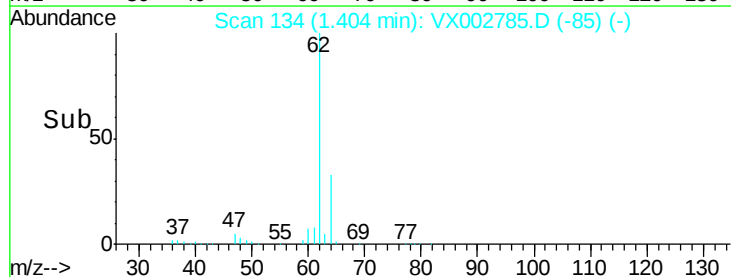
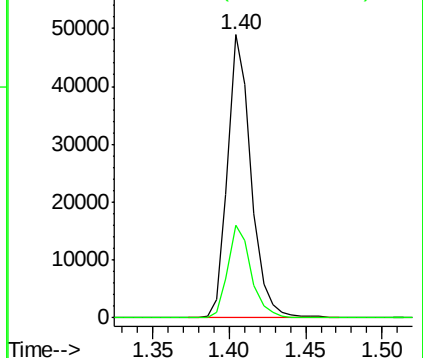
62 100

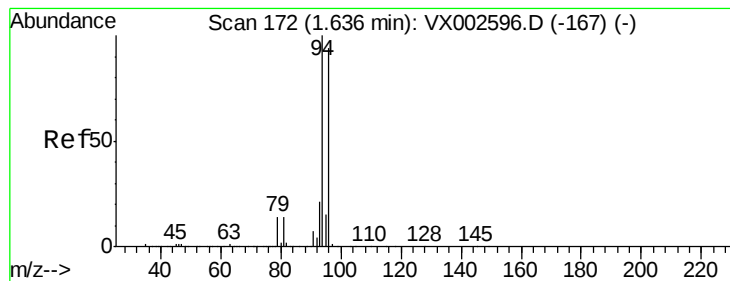
64 32.7 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 13.17 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002785.D

Acq: 21 Jun 2018 13:50

Instrument :

MSVOA_X

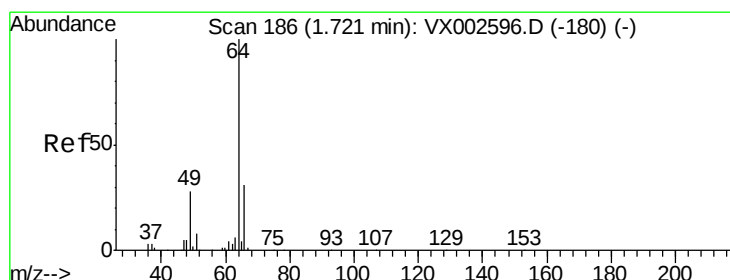
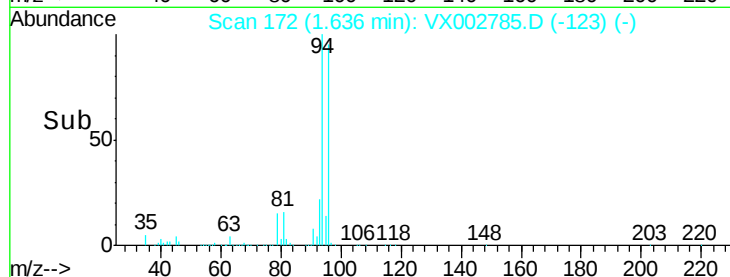
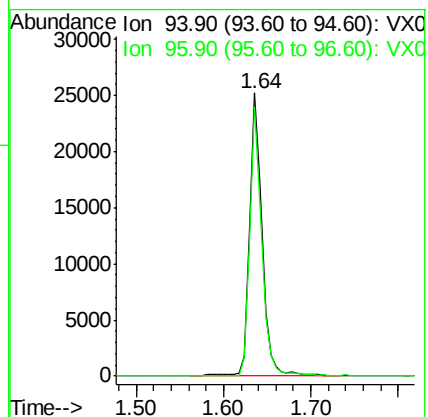
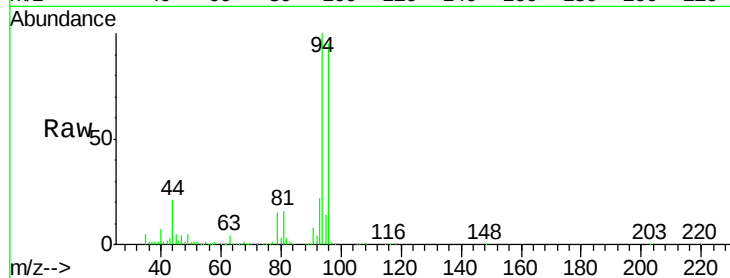
ClientSampleId :

Tot Ion: 94 Resp: 25211

Ion Ratio Lower Upper

94 100

96 95.0 74.9 112.3



#6

Chloroethane

Concen: 18.20 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX002785.D

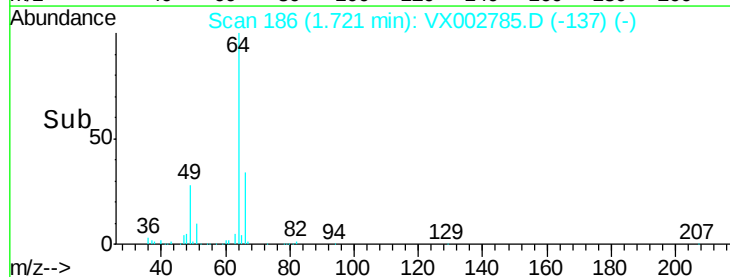
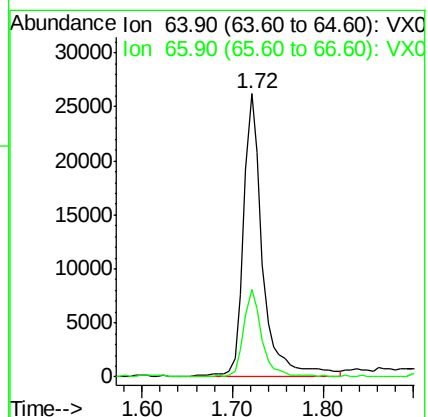
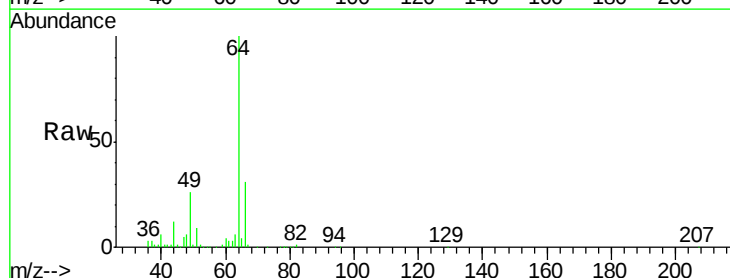
Acq: 21 Jun 2018 13:50

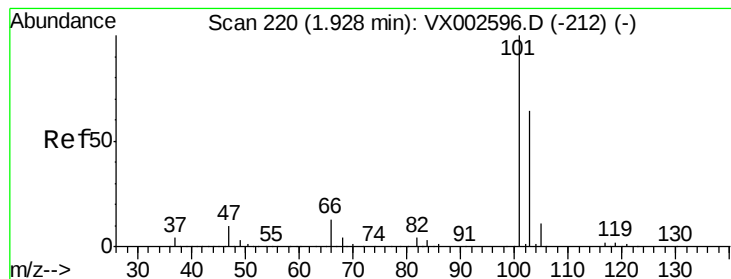
Tgt Ion: 64 Resp: 38055

Ion Ratio Lower Upper

64 100

66 31.2 25.5 38.3



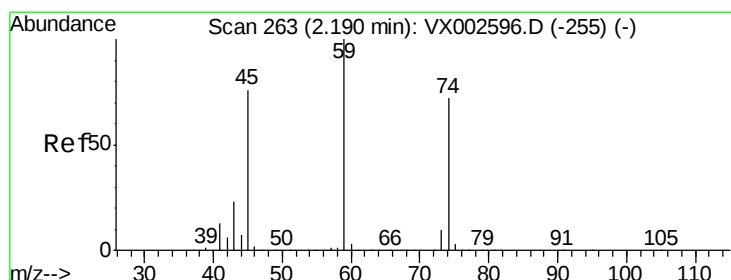
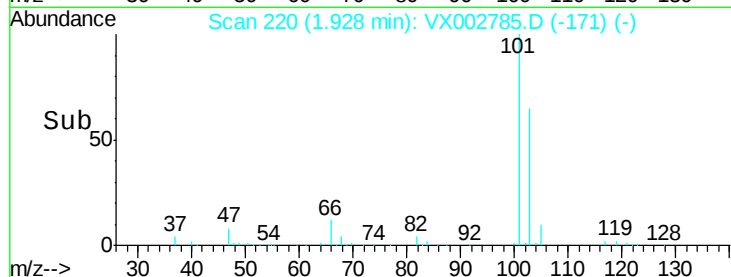
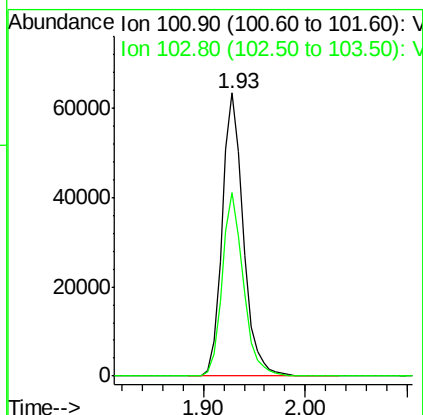
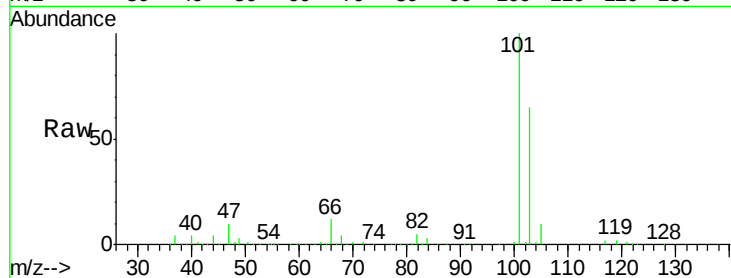


#7

Trichlorofluoromethane
 Concen: 17.79 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.00 min
 Lab File: VX002785.D
 Acq: 21 Jun 2018 13:50

Instrument :
 MSVOA_X
 ClientSampleId :

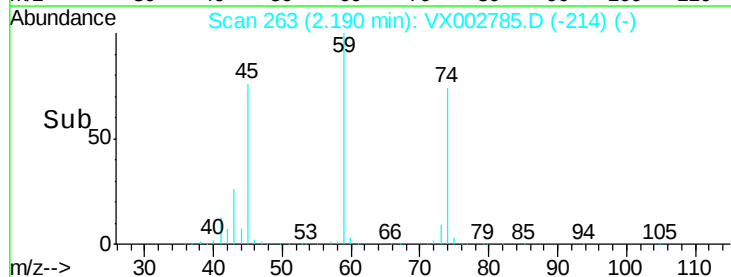
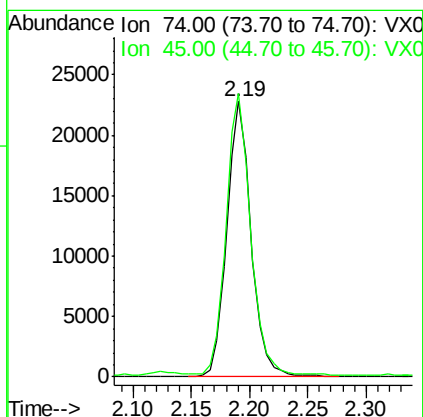
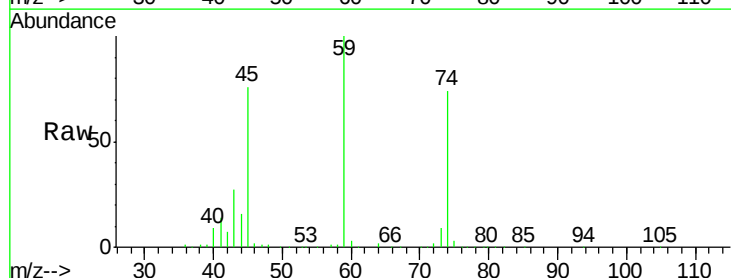
Tot Ion:101 Resp: 91704
 Ion Ratio Lower Upper
 101 100
 103 65.0 52.8 79.2

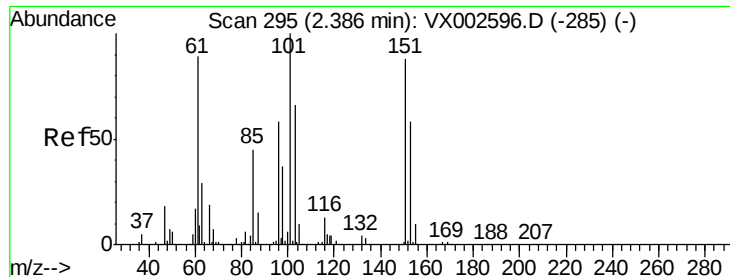


#8

Diethyl Ether
 Concen: 16.80 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX002785.D
 Acq: 21 Jun 2018 13:50

Tgt Ion: 74 Resp: 32931
 Ion Ratio Lower Upper
 74 100
 45 102.9 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.30 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX002785.D

Acq: 21 Jun 2018 13:50

Instrument :

MSVOA_X

ClientSampleId :

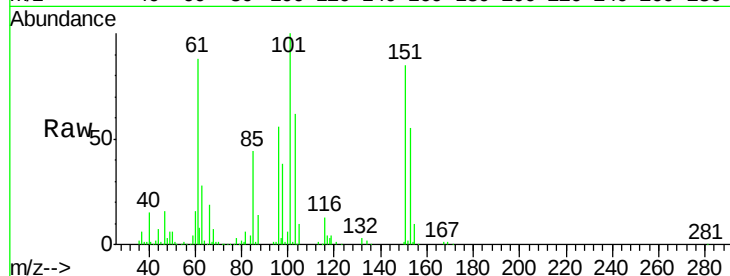
Tot Ion:101 Resp: 52730

Ion Ratio Lower Upper

101 100

85 45.3 36.0 54.0

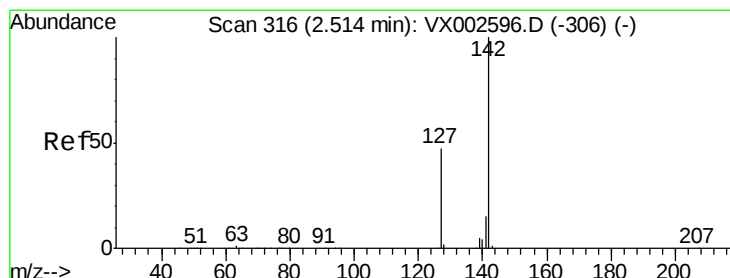
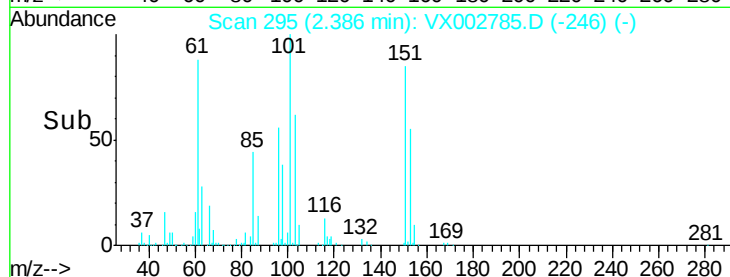
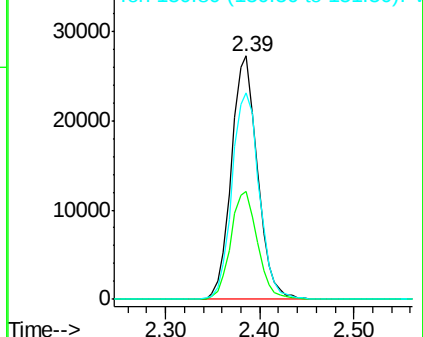
151 88.0 70.9 106.3



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: 13.99 ug/l

RT: 2.51 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX002785.D

Acq: 21 Jun 2018 13:50

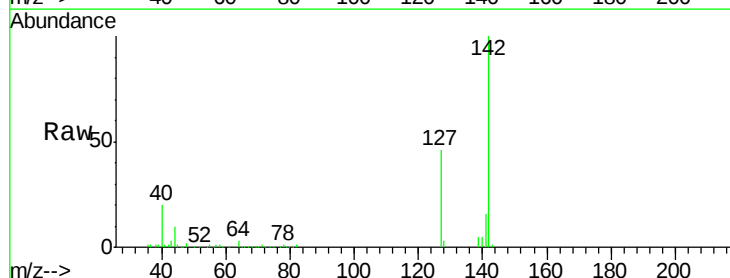
Tgt Ion:142 Resp: 38201

Ion Ratio Lower Upper

142 100

127 46.8 36.6 55.0

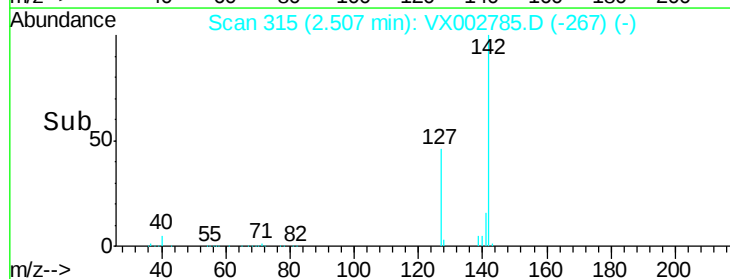
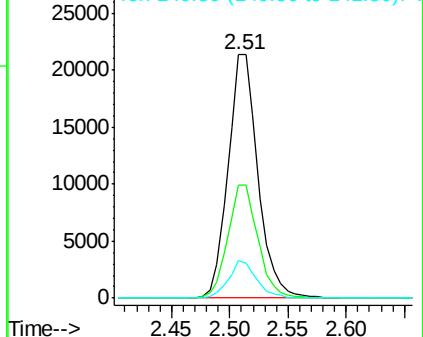
141 14.5 11.3 16.9

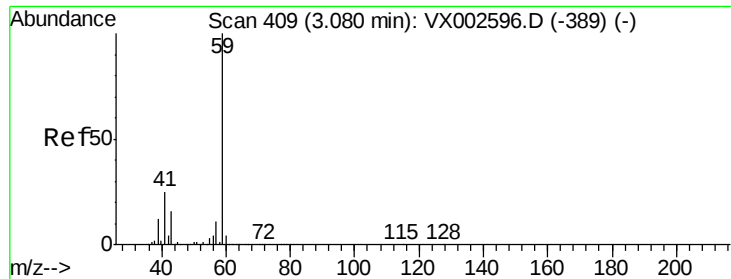


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 91.51 ug/l

RT: 3.08 min Scan# 409

Delta R.T. 0.00 min

Lab File: VX002785.D

Acq: 21 Jun 2018 13:50

Instrument :

MSVOA_X

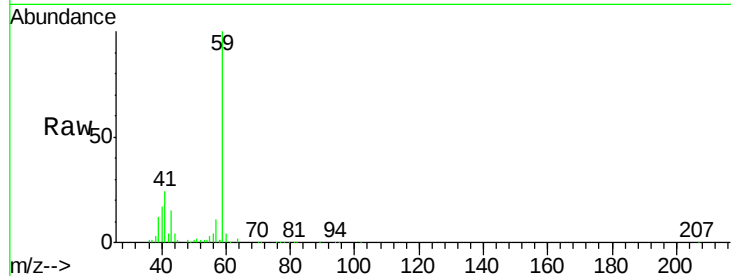
ClientSampled :

Tot Ion: 59 Resp: 69599

Ion Ratio Lower Upper

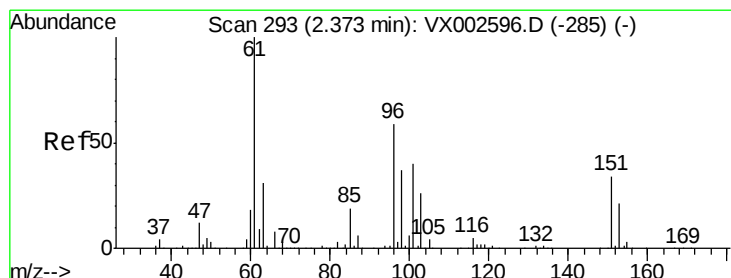
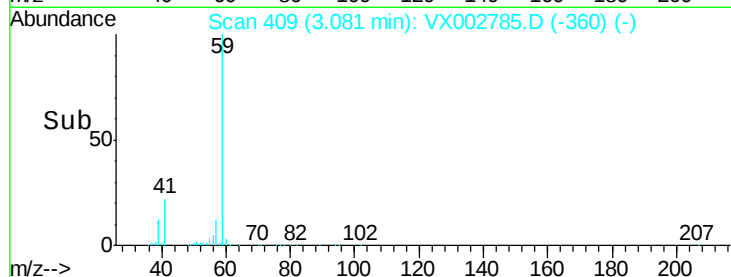
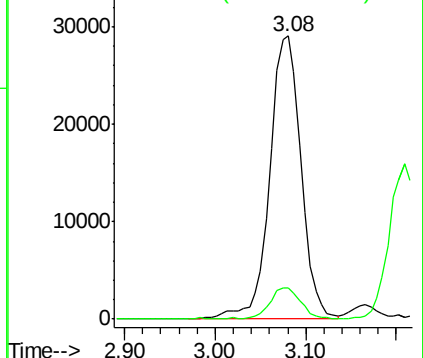
59 100

57 10.5 8.2 12.2



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#12

1,1-Dichloroethene

Concen: 17.17 ug/l

RT: 2.37 min Scan# 293

Delta R.T. 0.00 min

Lab File: VX002785.D

Acq: 21 Jun 2018 13:50

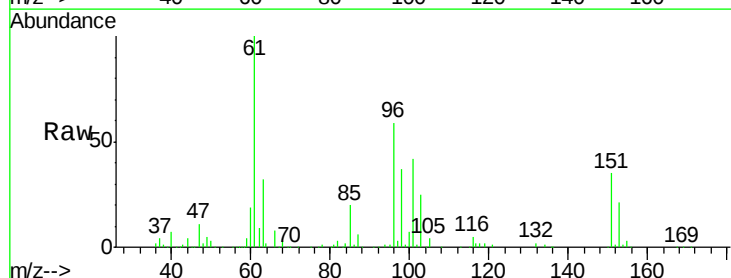
Tgt Ion: 96 Resp: 46455

Ion Ratio Lower Upper

96 100

61 170.4 137.9 206.9

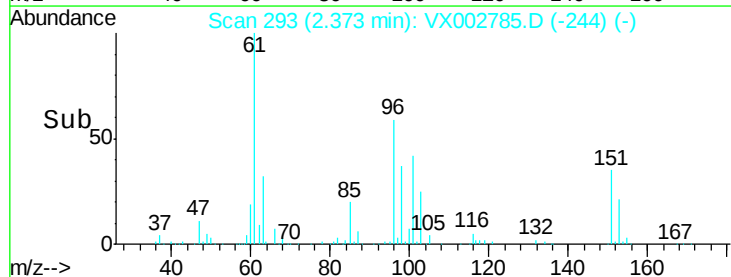
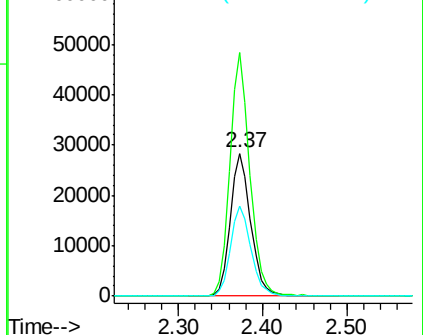
98 63.2 51.6 77.4

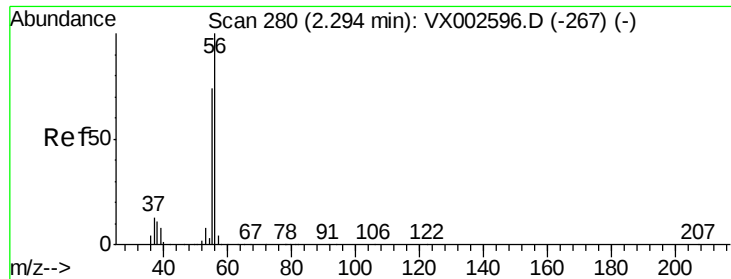


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#13

Acrolein

Concen: 86.91 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX002785.D

Acq: 21 Jun 2018 13:50

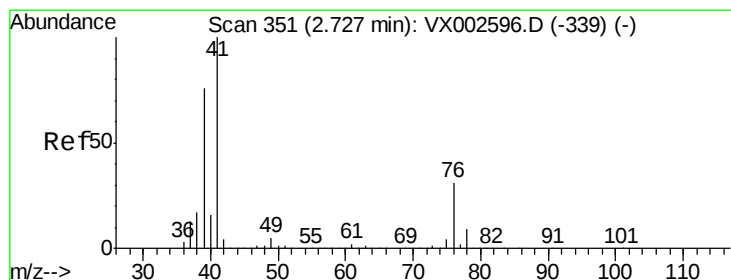
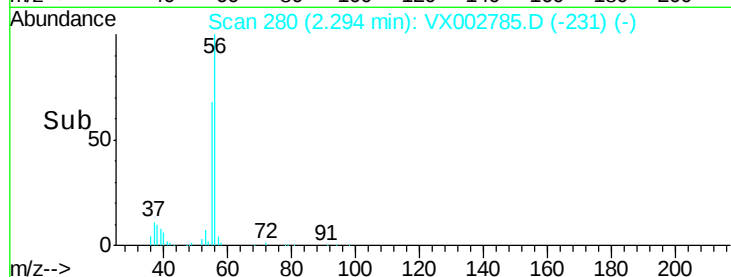
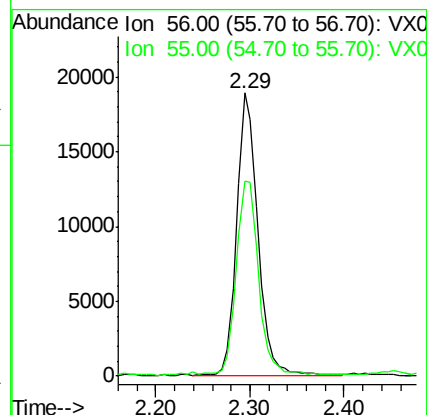
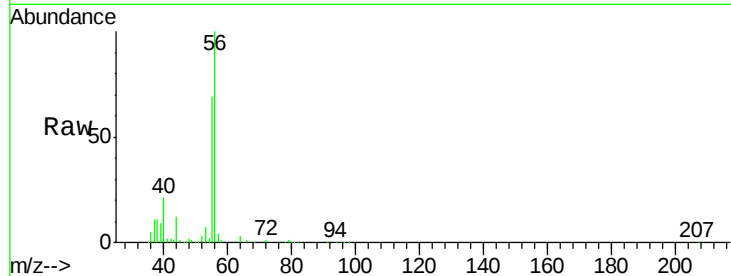
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 29349

Ion Ratio Lower Upper

56 100

55 72.1 57.0 85.4



#14

Allyl chloride

Concen: 17.07 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX002785.D

Acq: 21 Jun 2018 13:50

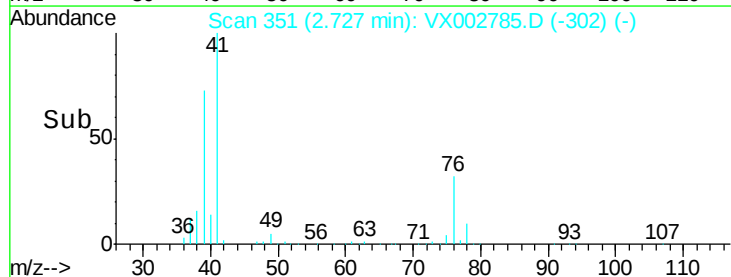
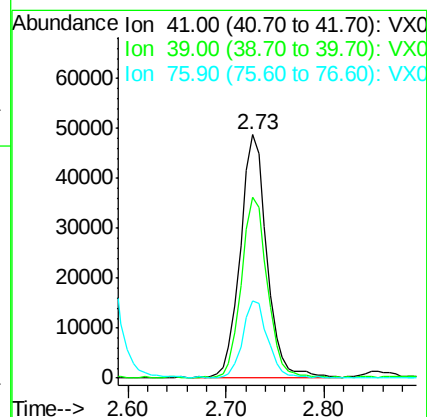
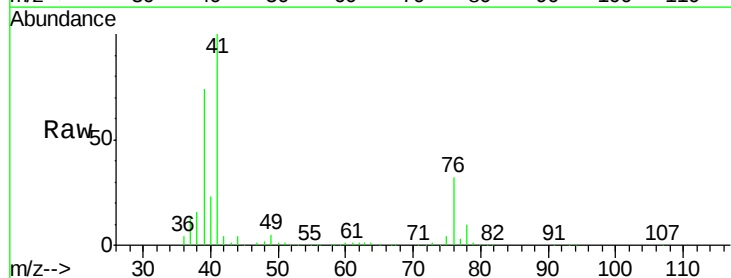
Tgt Ion: 41 Resp: 91676

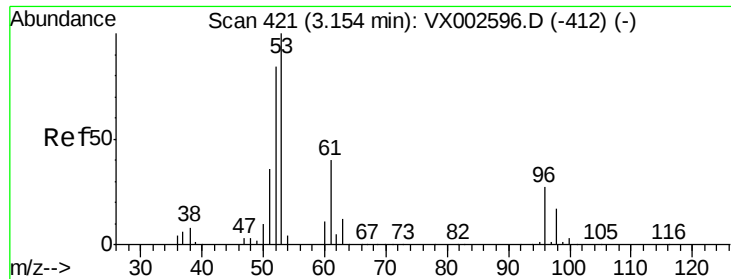
Ion Ratio Lower Upper

41 100

39 72.6 56.8 85.2

76 30.4 23.8 35.8





#15

Acrylonitrile

Concen: 85.91 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002785.D

Acq: 21 Jun 2018 13:50

Instrument :
MSVOA_X
ClientSampleId :

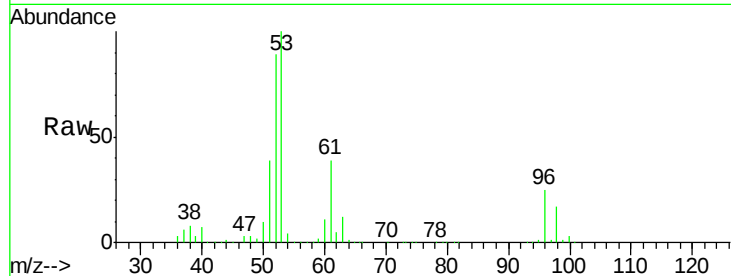
Tot Ion: 53 Resp: 142591

Ion Ratio Lower Upper

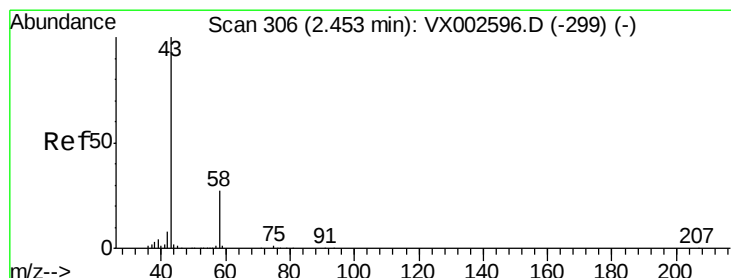
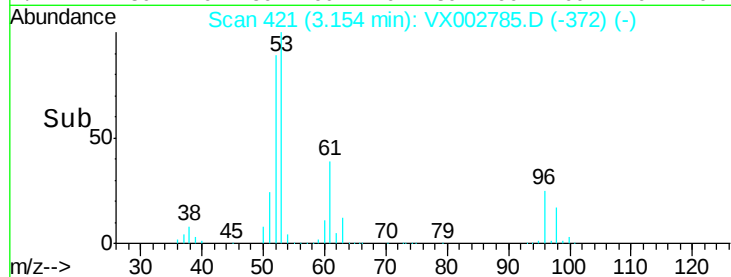
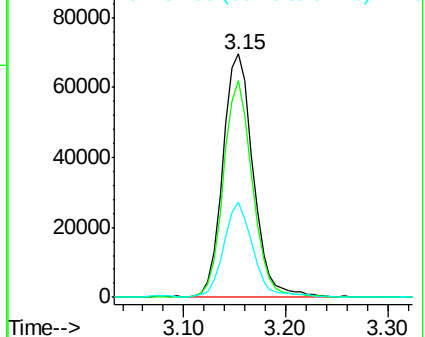
53 100

52 85.2 66.7 100.1

51 38.0 29.9 44.9



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



#16

Acetone

Concen: 91.64 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002785.D

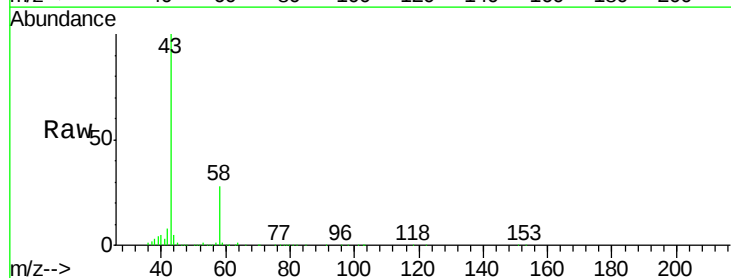
Acq: 21 Jun 2018 13:50

Tgt Ion: 43 Resp: 148758

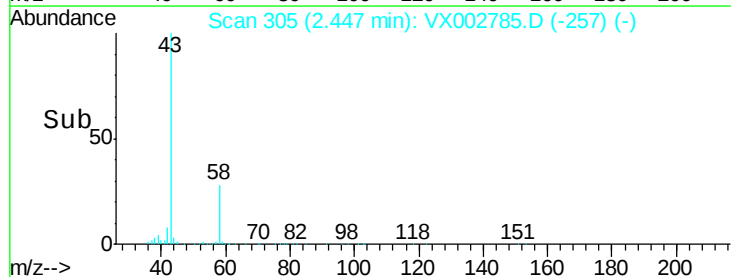
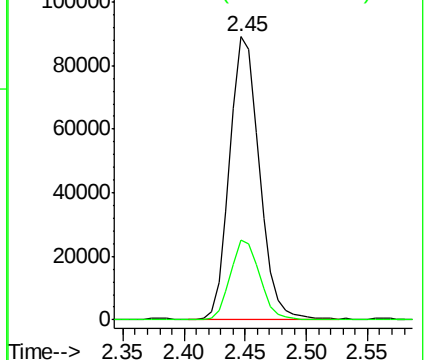
Ion Ratio Lower Upper

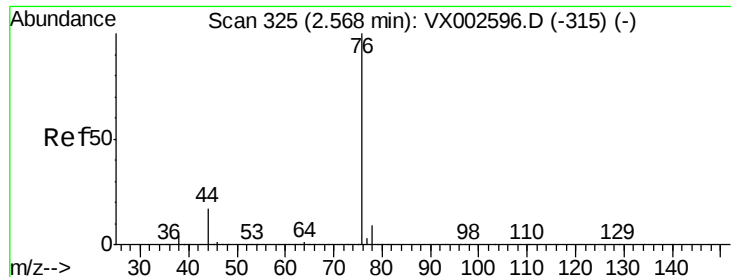
43 100

58 28.2 22.1 33.1



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

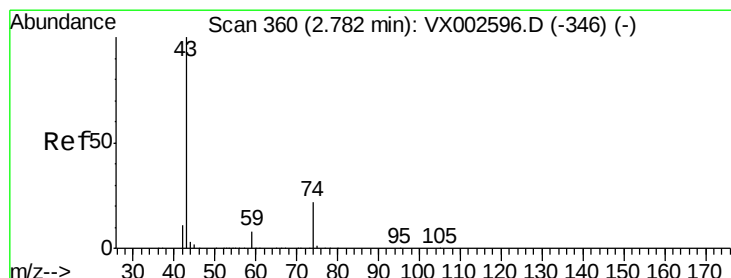
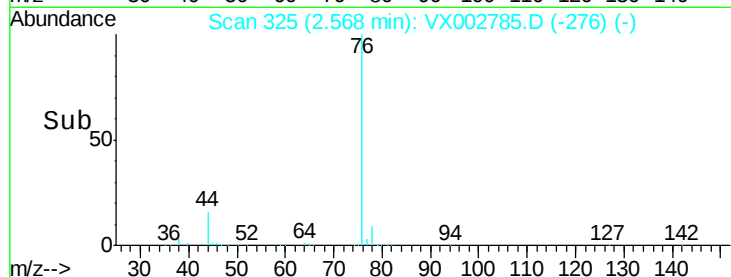
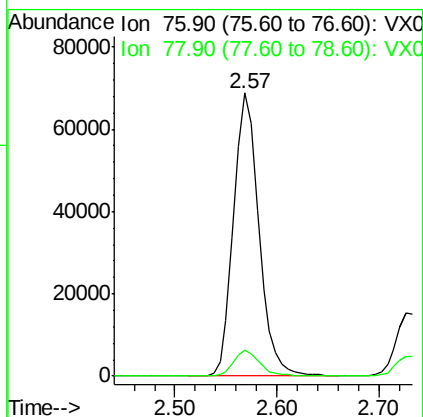
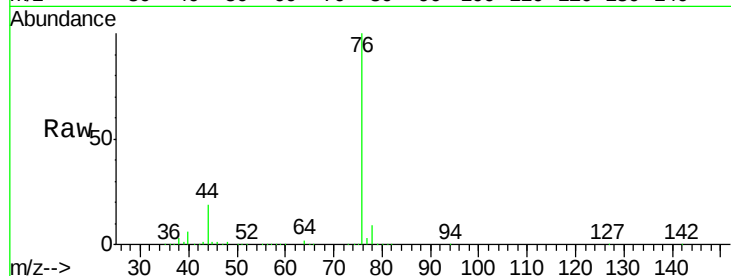




#17
Carbon Disulfide
Concen: 18.45 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX002785.D
Acq: 21 Jun 2018 13:50

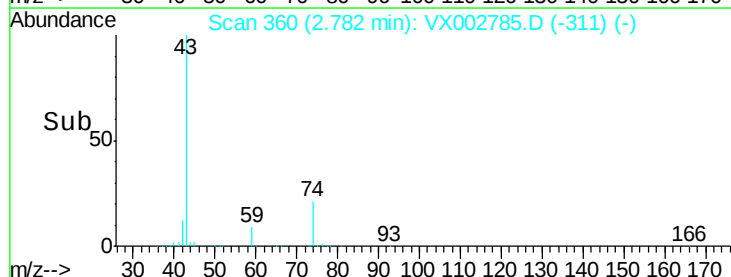
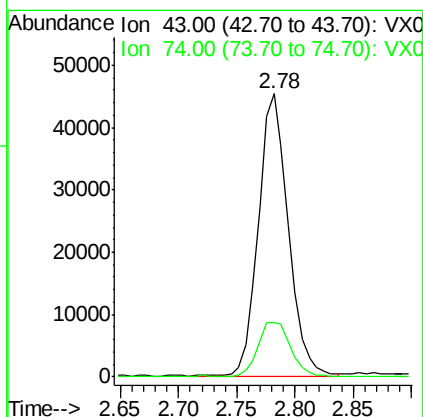
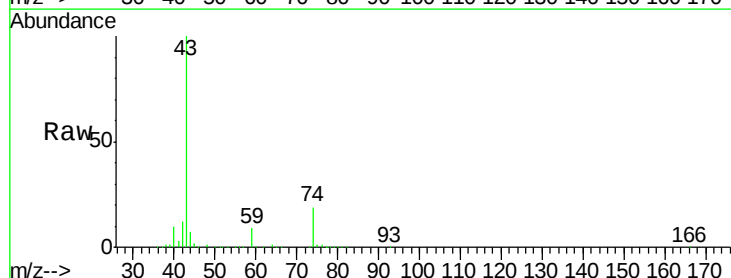
Instrument :
MSVOA_X
ClientSampleId :

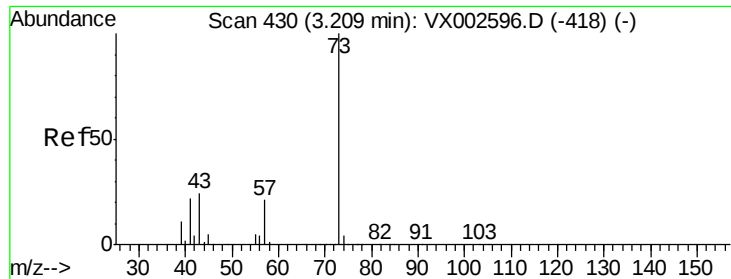
Tot Ion: 76 Resp: 118407
Ion Ratio Lower Upper
76 100
78 9.0 6.9 10.3



#18
Methyl Acetate
Concen: 18.70 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX002785.D
Acq: 21 Jun 2018 13:50

Tgt Ion: 43 Resp: 80847
Ion Ratio Lower Upper
43 100
74 21.6 16.7 25.1

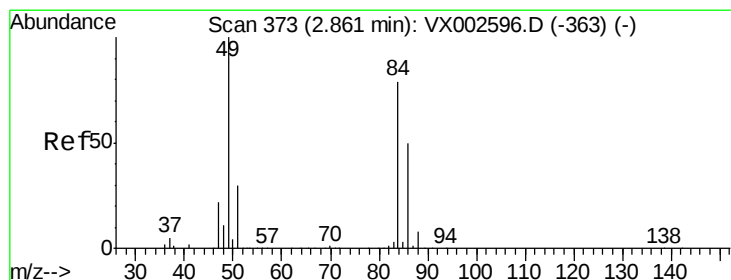
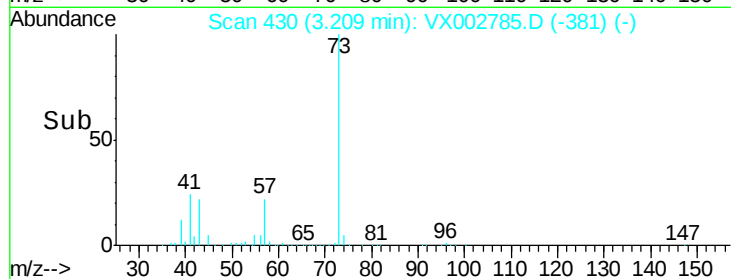
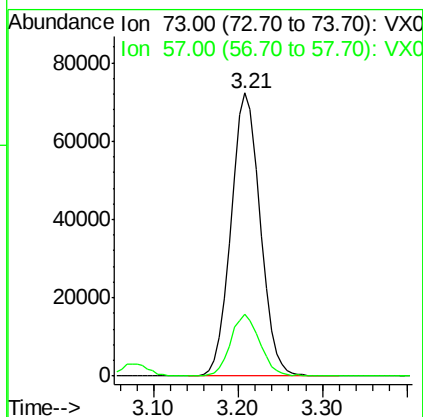
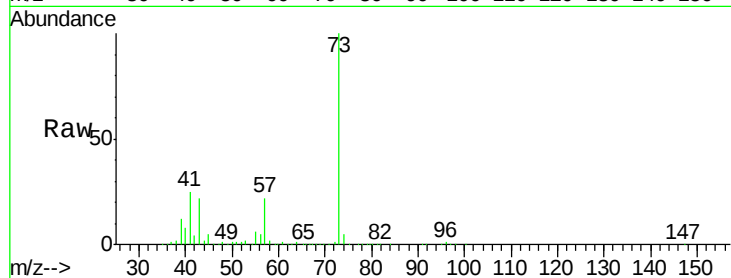




#19
Methvl tert-butvl Ether
Concen: 16.69 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX002785.D
Acq: 21 Jun 2018 13:50

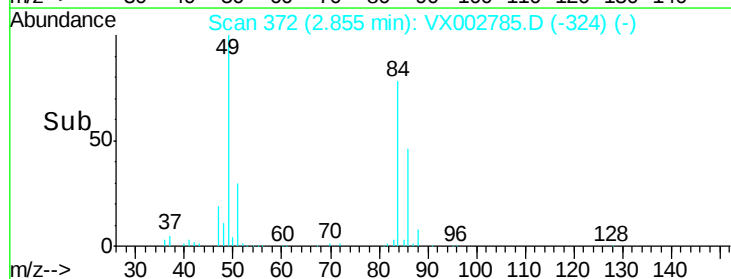
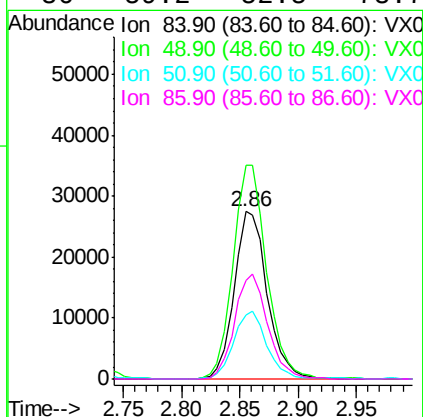
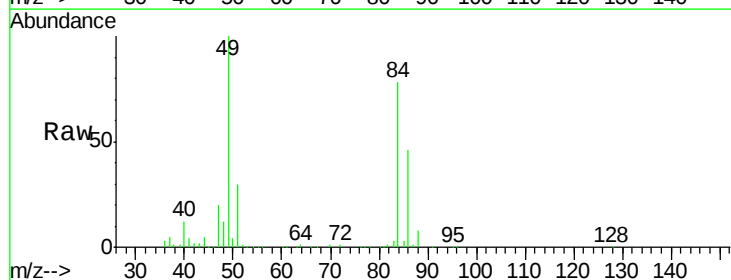
Instrument :
MSVOA_X
ClientSampleId :

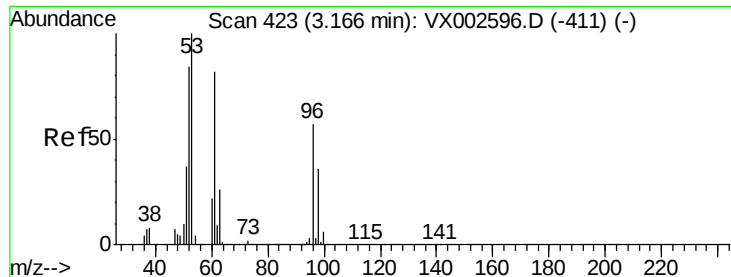
Tot Ion: 73 Resp: 169411
Ion Ratio Lower Upper
73 100
57 22.0 17.7 26.5



#20
Methylene Chloride
Concen: 16.31 ug/l
RT: 2.86 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX002785.D
Acq: 21 Jun 2018 13:50

Tgt Ion: 84 Resp: 54300
Ion Ratio Lower Upper
84 100
49 127.5 107.8 161.6
51 38.4 32.8 49.2
86 59.2 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 16.71 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX002785.D

Acq: 21 Jun 2018 13:50

Instrument :
MSVOA_X
ClientSampleId :

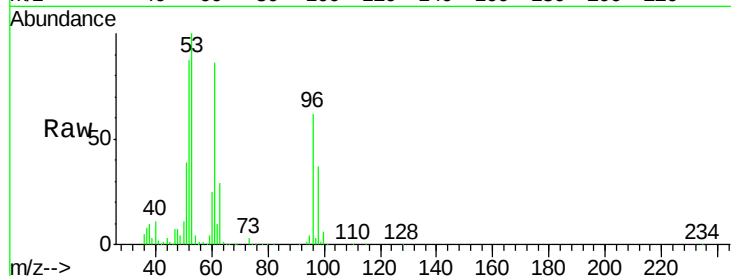
Tot Ion: 96 Resp: 49050

Ion Ratio Lower Upper

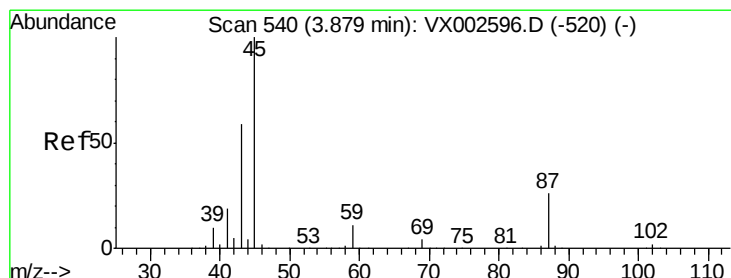
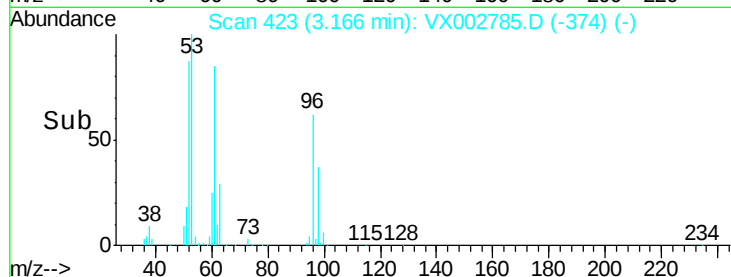
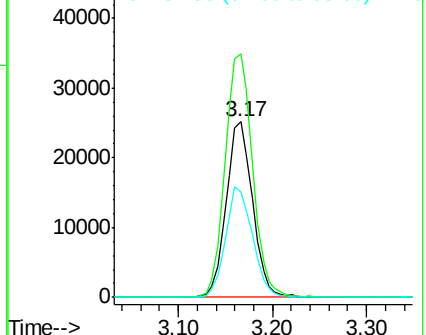
96 100

61 139.0 117.0 175.4

98 60.4 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: 17.50 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX002785.D

Acq: 21 Jun 2018 13:50

Tgt Ion: 45 Resp: 170025

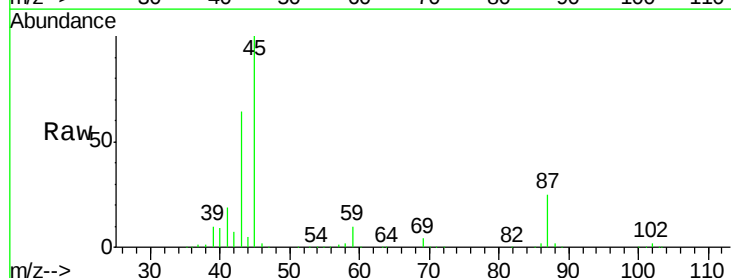
Ion Ratio Lower Upper

45 100

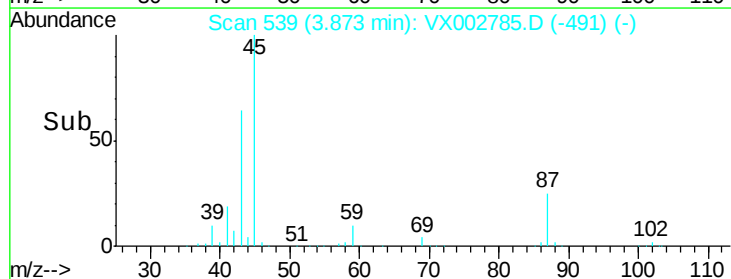
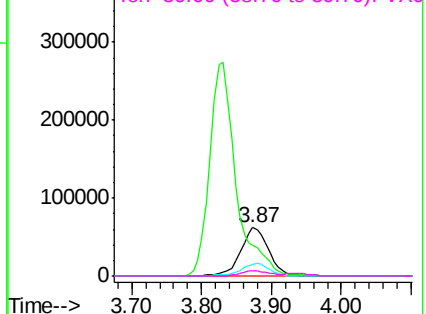
43 63.6 46.8 70.2

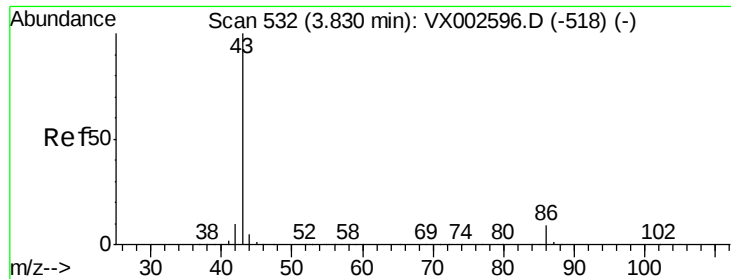
87 25.3 20.2 30.4

59 10.1 8.7 13.1



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





#23

Vinyl Acetate

Concen: 89.05 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX002785.D

Acq: 21 Jun 2018 13:50

Instrument :

MSVOA_X

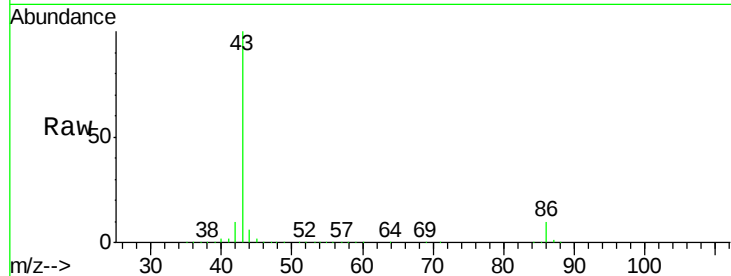
ClientSampleId :

Tot Ion: 43 Resp: 724348

Ion Ratio Lower Upper

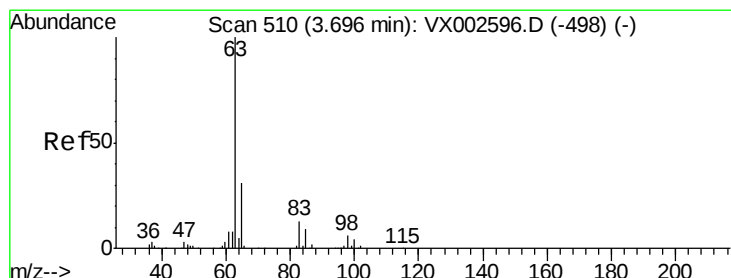
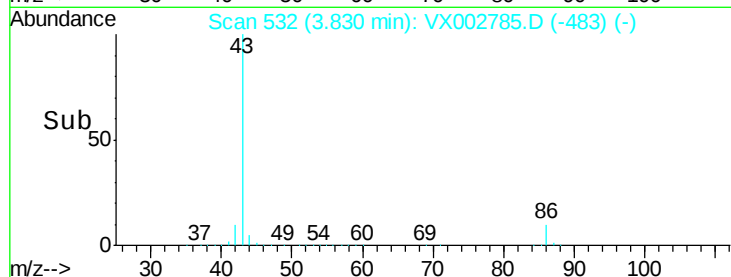
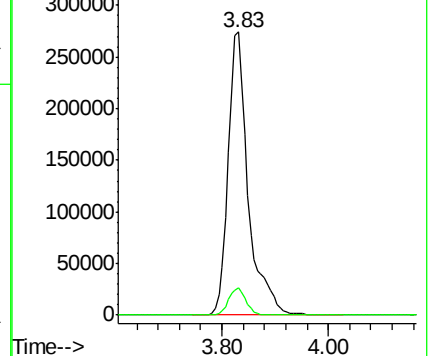
43 100

86 9.8 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 18.39 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX002785.D

Acq: 21 Jun 2018 13:50

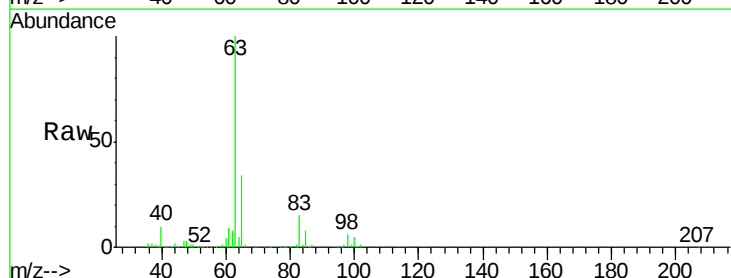
Tgt Ion: 63 Resp: 96975

Ion Ratio Lower Upper

63 100

98 6.5 3.4 10.2

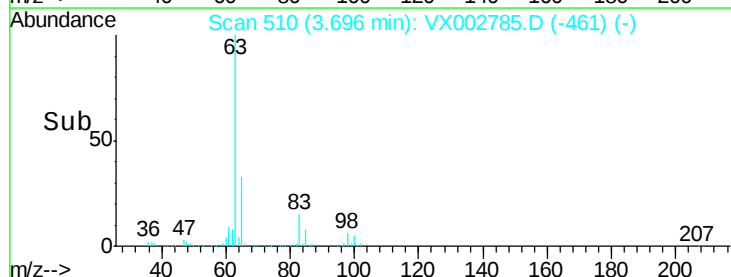
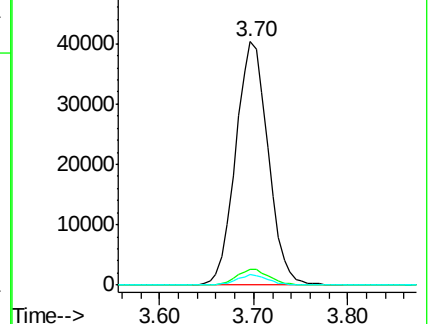
100 4.6 2.0 6.0

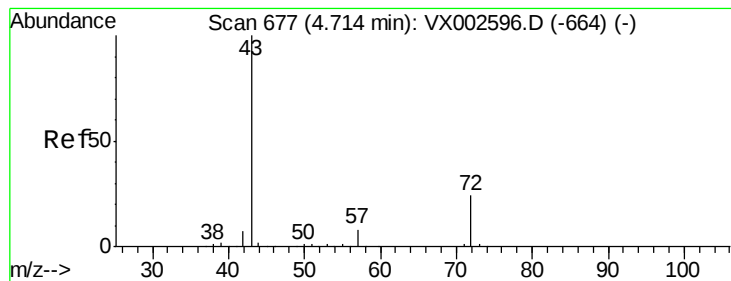


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 96.64 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.00 min

Lab File: VX002785.D

Acq: 21 Jun 2018 13:50

Instrument :

MSVOA_X

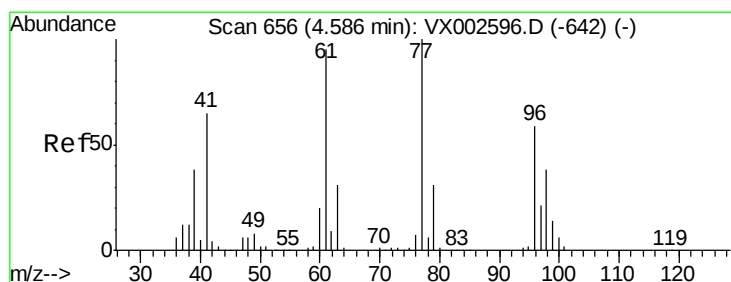
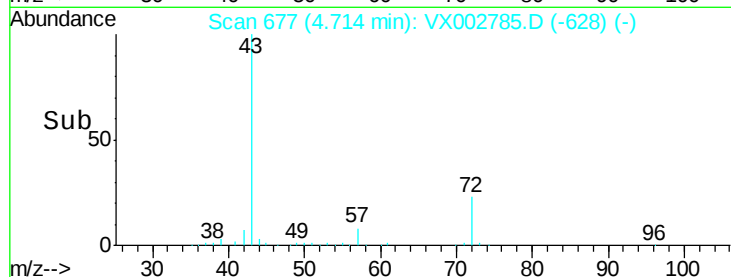
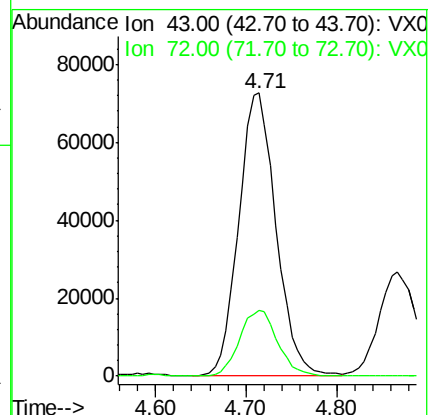
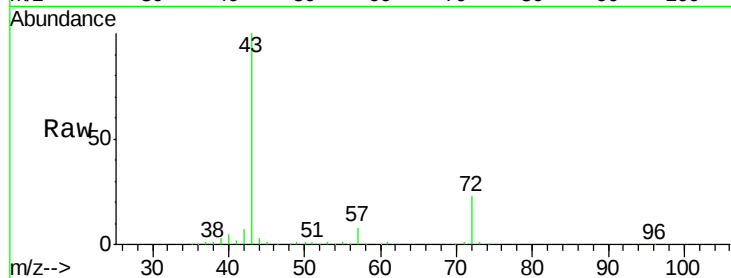
ClientSampled :

Tot Ion: 43 Resp: 206014

Ion Ratio Lower Upper

43 100

72 23.4 18.5 27.7



#26

2,2-Dichloropropane

Concen: 18.98 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX002785.D

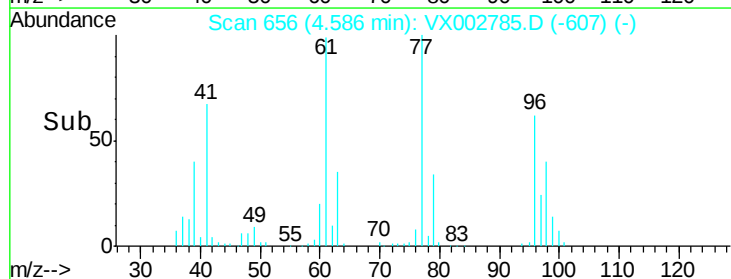
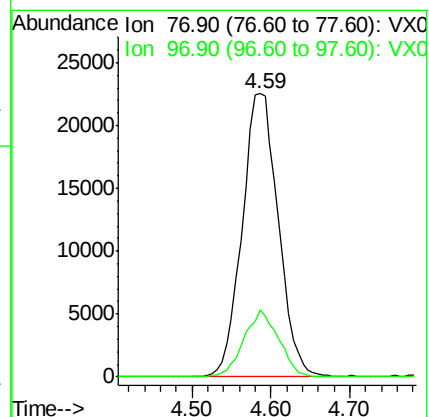
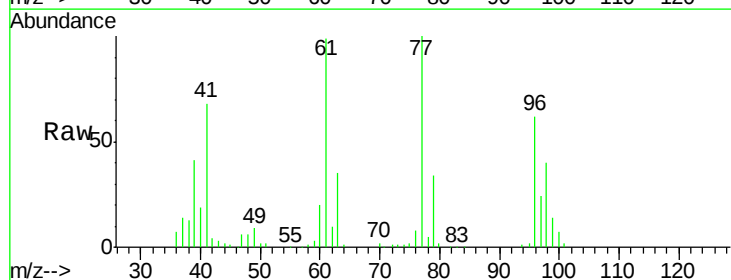
Acq: 21 Jun 2018 13:50

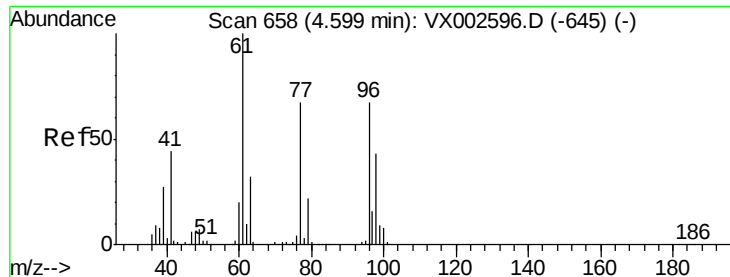
Tgt Ion: 77 Resp: 71949

Ion Ratio Lower Upper

77 100

97 22.7 11.2 33.5



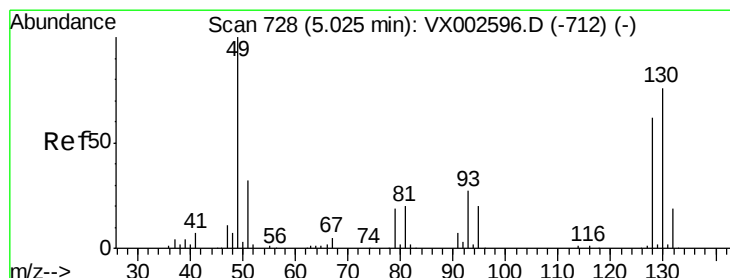
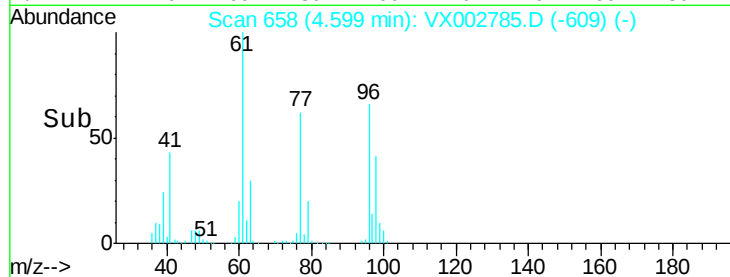
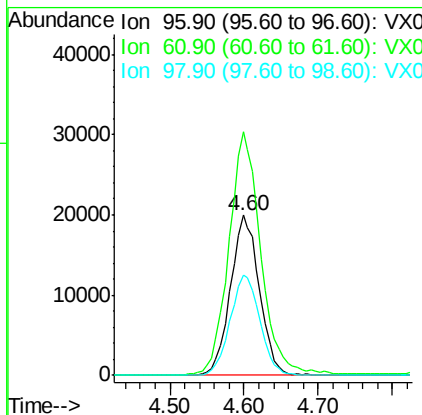
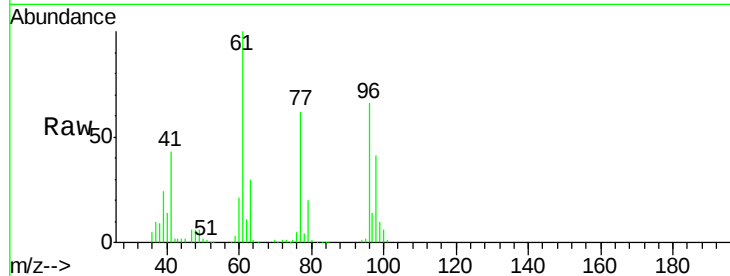


#27

cis-1,2-Dichloroethene
 Concen: 18.15 ug/l
 RT: 4.60 min Scan# 658
 Delta R.T. 0.00 min
 Lab File: VX002785.D
 Acq: 21 Jun 2018 13:50

Instrument :
 MSVOA_X
 ClientSampleId :

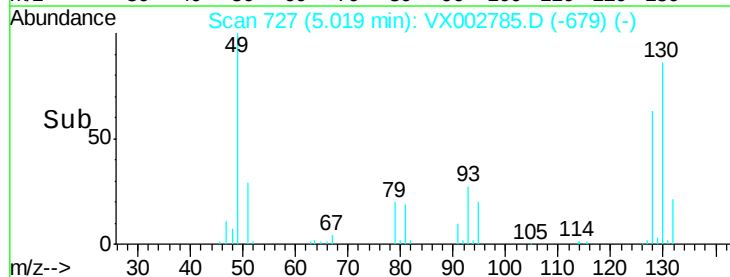
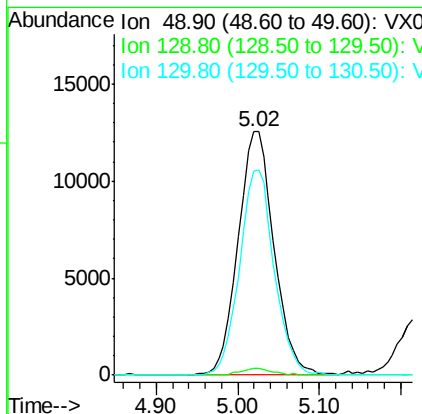
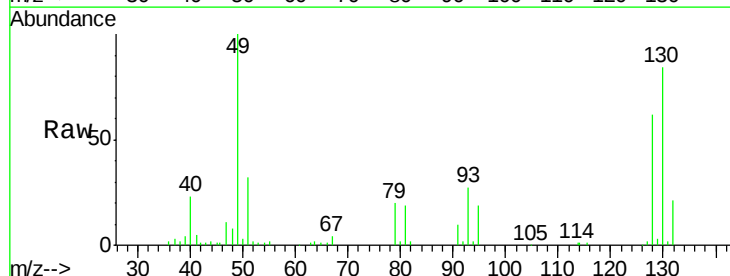
Tot Ion	Ratio	Lower	Upper
96	100		
61	168.8	0.0	330.2
98	64.6	0.0	130.2

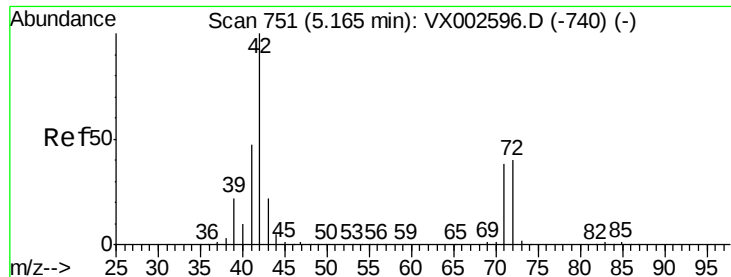


#28

Bromochloromethane
 Concen: 15.56 ug/l
 RT: 5.02 min Scan# 727
 Delta R.T. -0.01 min
 Lab File: VX002785.D
 Acq: 21 Jun 2018 13:50

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.2
130	81.1	61.2	91.8

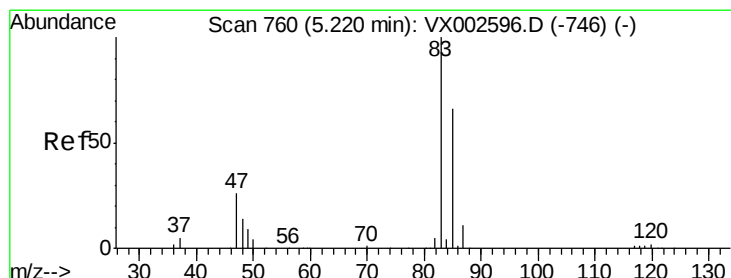
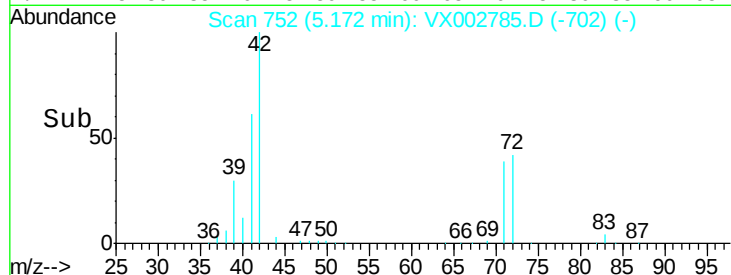
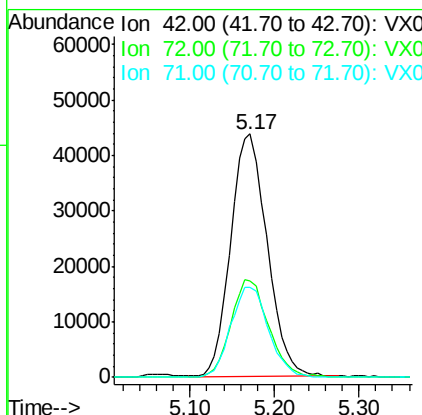
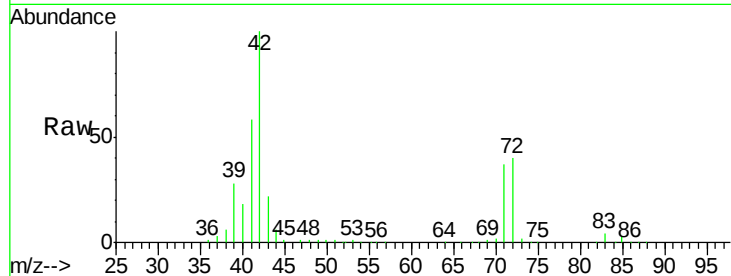




#29
Tetrahydrofuran
Concen: 91.88 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX002785.D
Acq: 21 Jun 2018 13:50

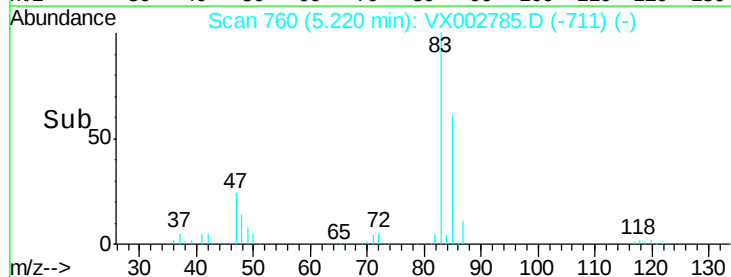
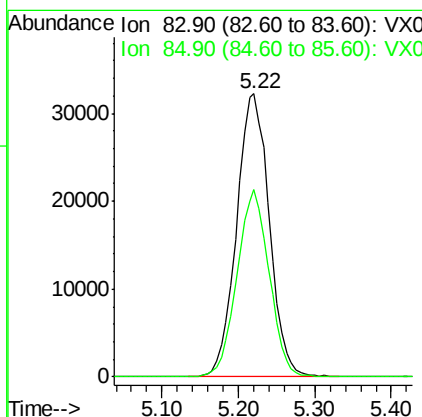
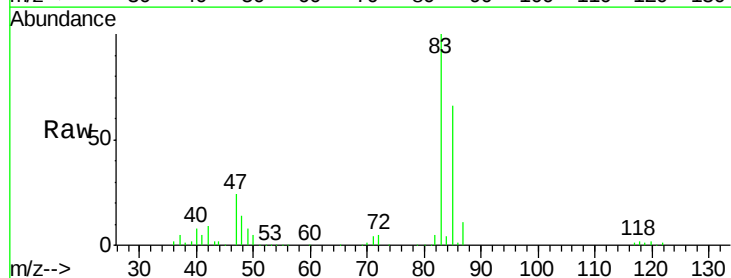
Instrument :
MSVOA_X
ClientSampled :

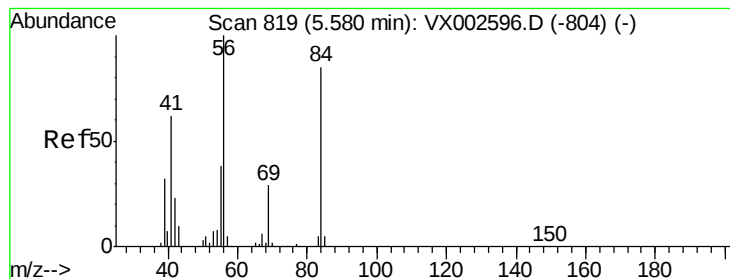
Tot Ion: 42 Resp: 128366
Ion Ratio Lower Upper
42 100
72 41.6 32.0 48.0
71 38.6 30.1 45.1



#30
Chloroform
Concen: 18.81 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX002785.D
Acq: 21 Jun 2018 13:50

Tgt Ion: 83 Resp: 95692
Ion Ratio Lower Upper
83 100
85 66.4 50.4 75.6





#31

Cvclohexane

Concen: 17.90 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX002785.D

Acq: 21 Jun 2018 13:50

Instrument :
MSVOA_X
ClientSampleId :

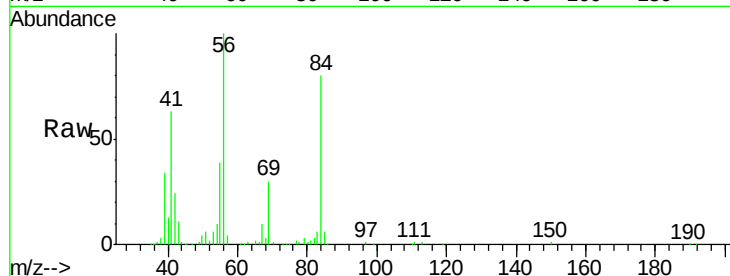
Tot Ion: 56 Resp: 77739

Ion Ratio Lower Upper

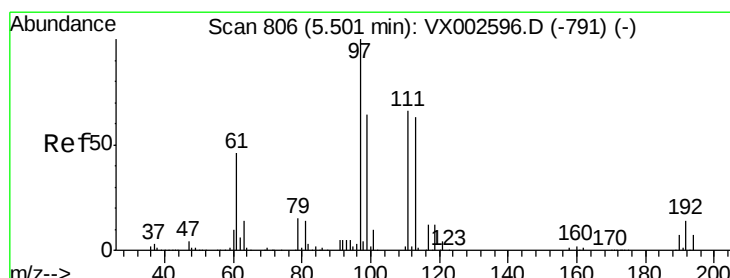
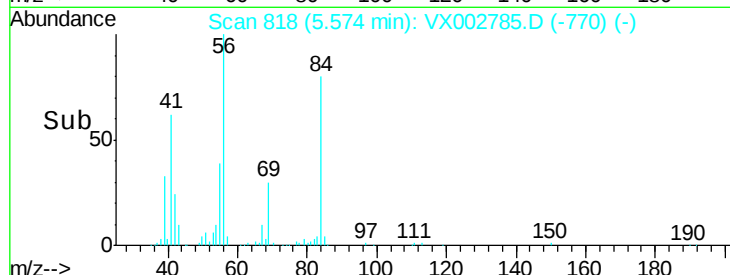
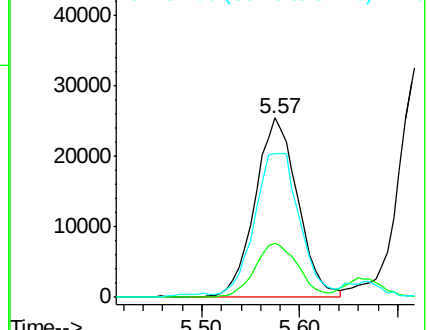
56 100

69 30.1 23.7 35.5

84 78.8 64.1 96.1



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



#32

1,1,1-Trichloroethane

Concen: 19.42 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX002785.D

Acq: 21 Jun 2018 13:50

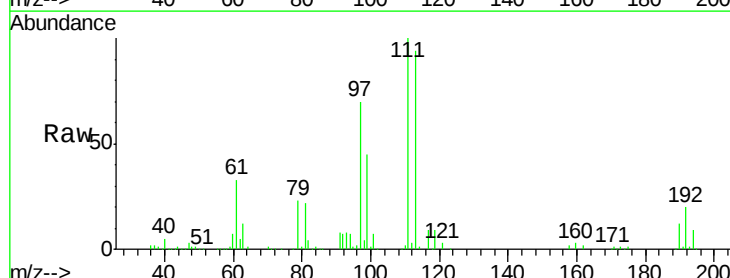
Tgt Ion: 97 Resp: 82611

Ion Ratio Lower Upper

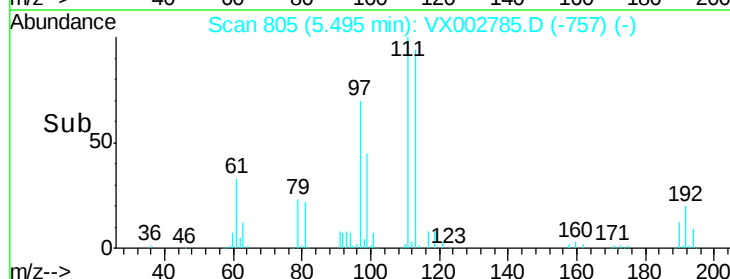
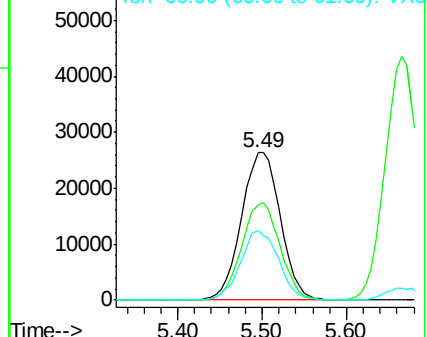
97 100

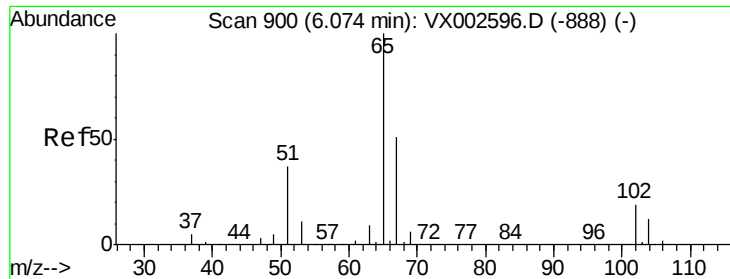
99 65.0 51.6 77.4

61 46.5 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: 43.13 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002785.D

Acq: 21 Jun 2018 13:50

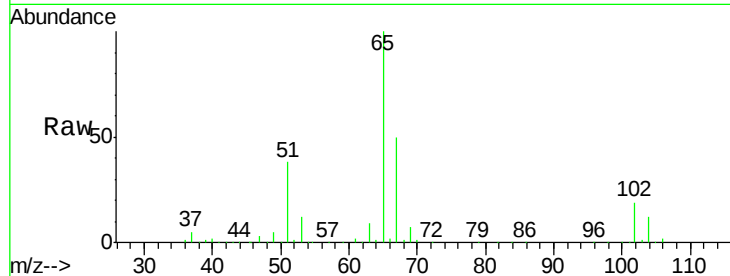
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 65 Resp: 158687

Ion Ratio Lower Upper

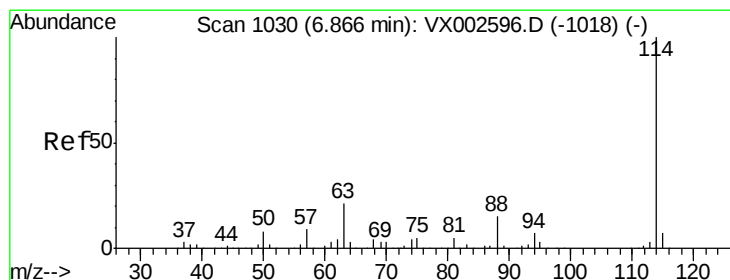
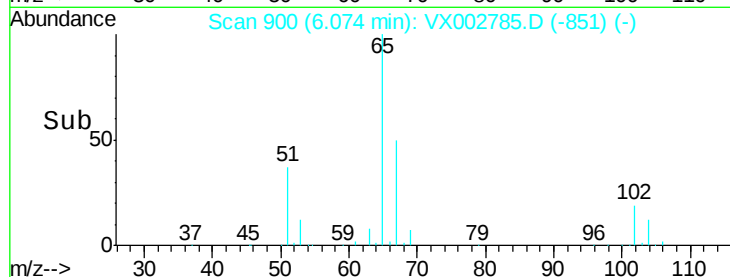
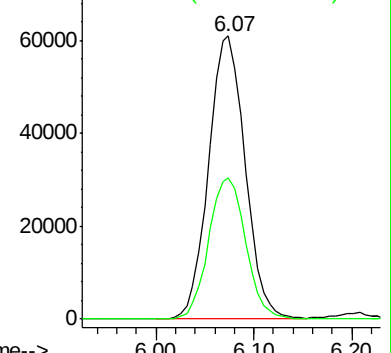
65 100

67 50.7 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX002785.D

Acq: 21 Jun 2018 13:50

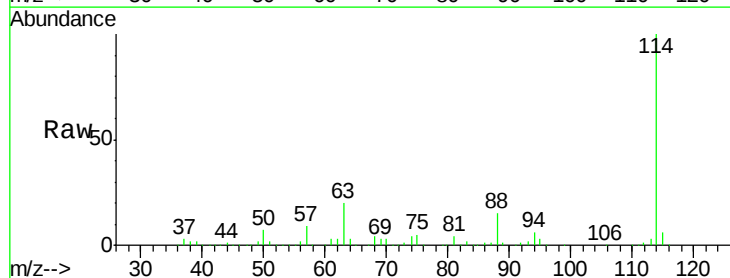
Tgt Ion: 114 Resp: 329388

Ion Ratio Lower Upper

114 100

63 19.6 0.0 41.4

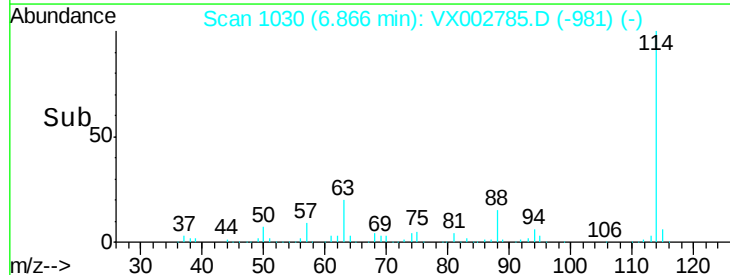
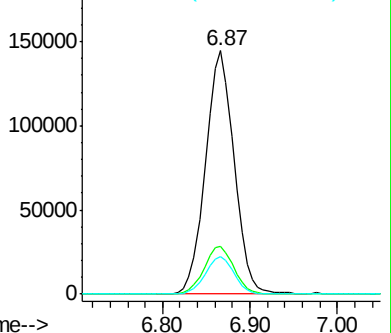
88 15.3 0.0 30.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 47.89 ug/l

RT: 5.51 min Scan# 807

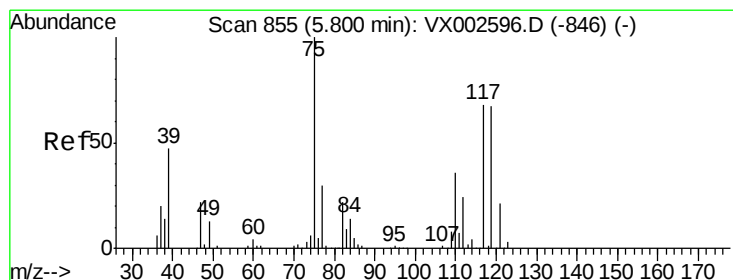
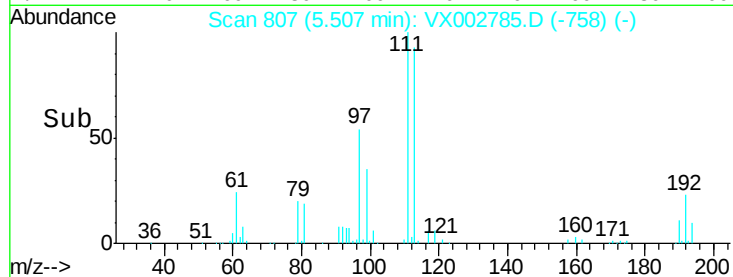
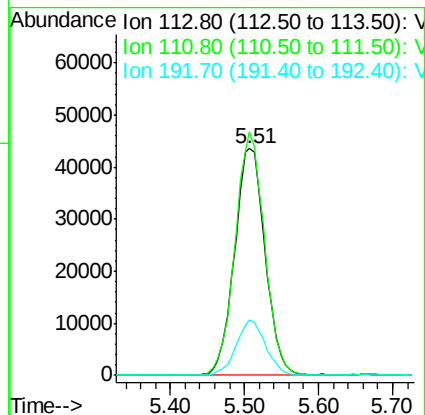
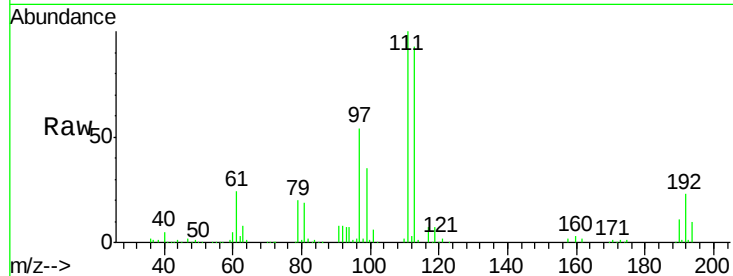
Delta R.T. 0.00 min

Lab File: VX002785.D

Acq: 21 Jun 2018 13:50

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	113	Resp:	125908
Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.4	122.0
192	23.4	19.1	28.7



#36

1,1-Dichloropropene

Concen: 19.13 ug/l

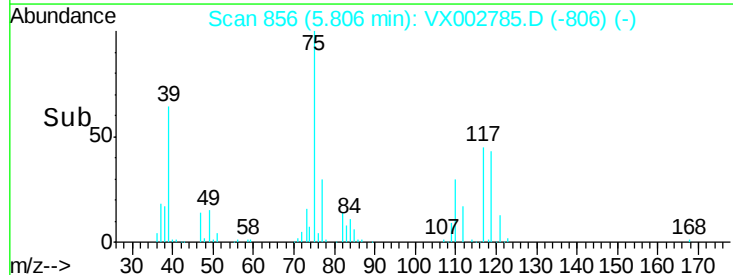
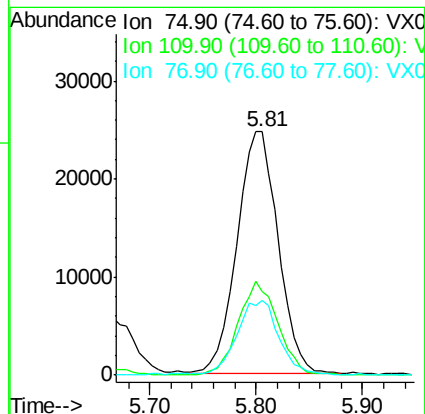
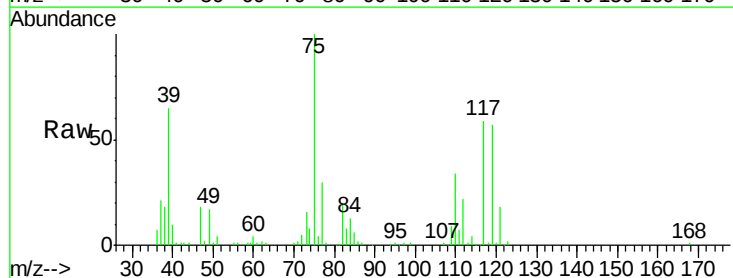
RT: 5.81 min Scan# 856

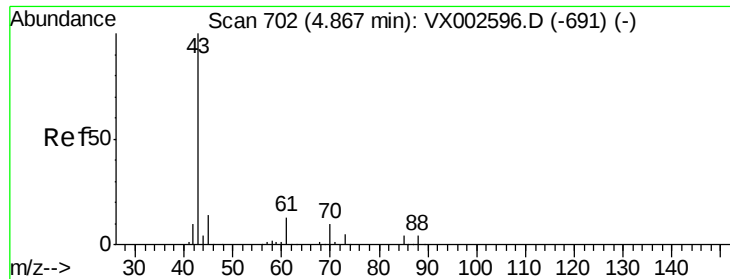
Delta R.T. 0.01 min

Lab File: VX002785.D

Acq: 21 Jun 2018 13:50

Tgt Ion:	75	Resp:	66921
Ion	Ratio	Lower	Upper
75	100		
110	37.4	18.1	54.4
77	30.4	24.3	36.5

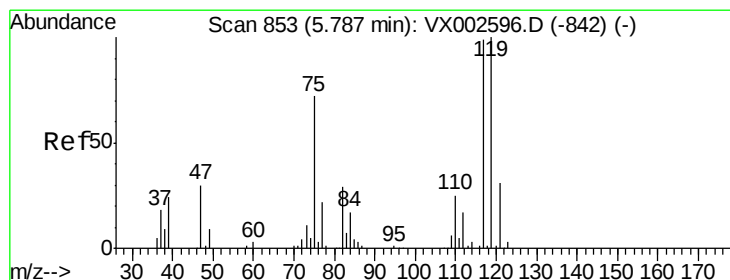
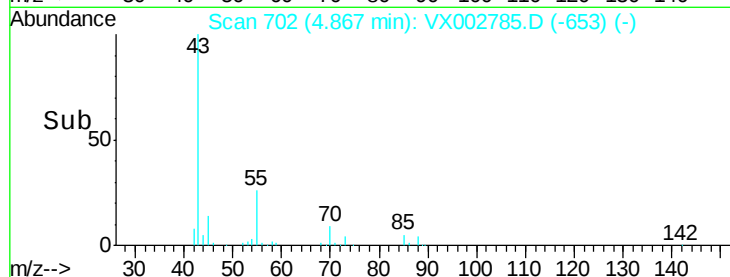
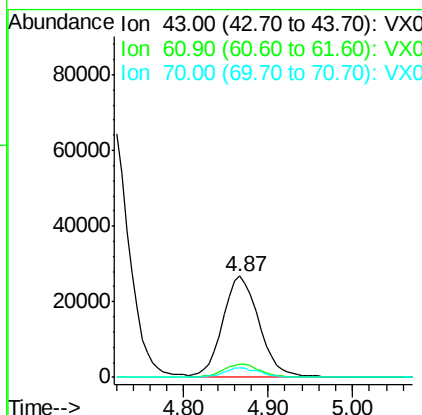
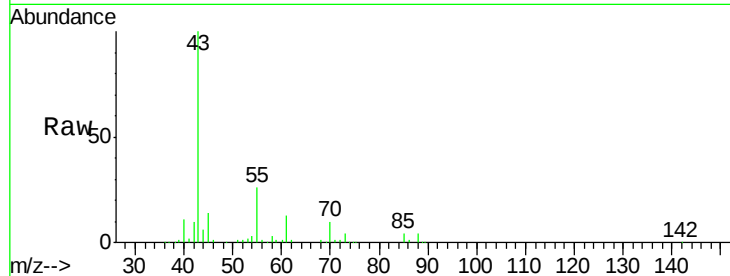




#37
Ethyl Acetate
Concen: 19.58 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.00 min
Lab File: VX002785.D
Acq: 21 Jun 2018 13:50

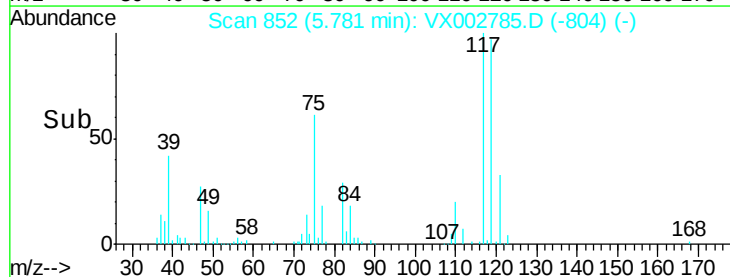
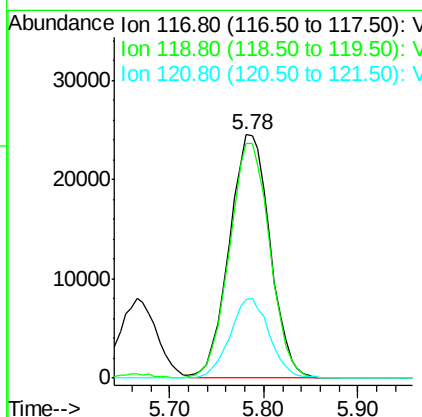
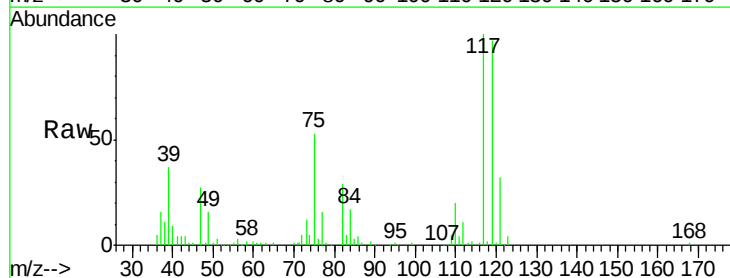
Instrument :
MSVOA_X
ClientSampled :

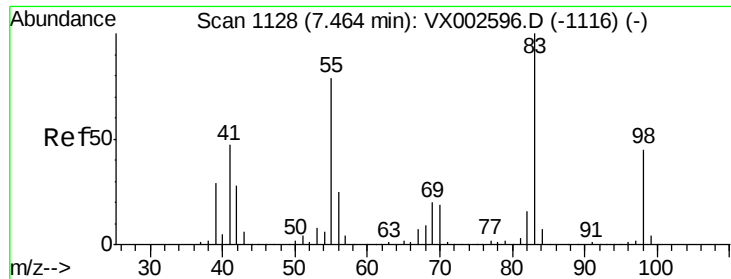
Tot Ion: 43 Resp: 77533
Ion Ratio Lower Upper
43 100
61 12.8 10.4 15.6
70 9.6 7.6 11.4



#38
Carbon Tetrachloride
Concen: 21.30 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.01 min
Lab File: VX002785.D
Acq: 21 Jun 2018 13:50

Tgt Ion: 117 Resp: 74185
Ion Ratio Lower Upper
117 100
119 96.6 77.4 116.0
121 32.2 24.4 36.6

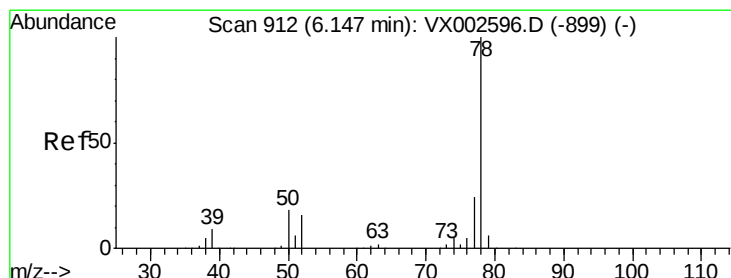
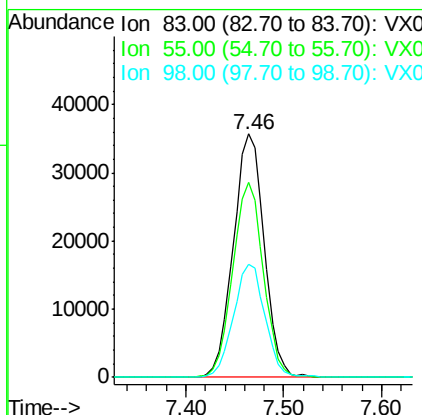
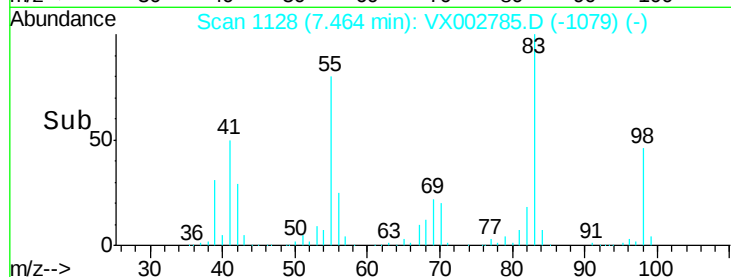
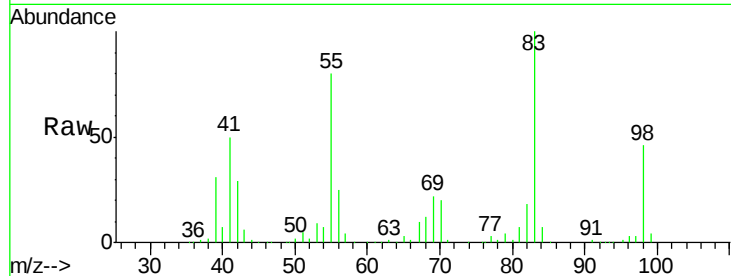




#39
Methvlcvclohexane
Concen: 19.14 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX002785.D
Acq: 21 Jun 2018 13:50

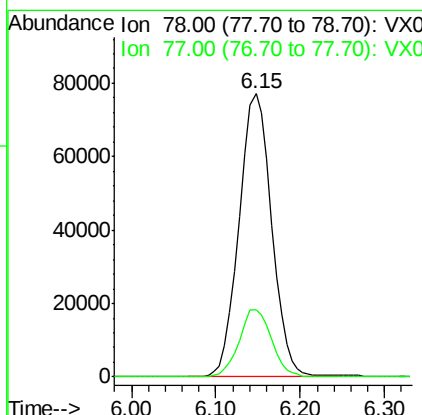
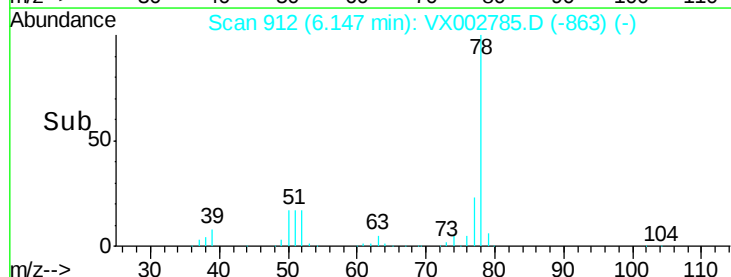
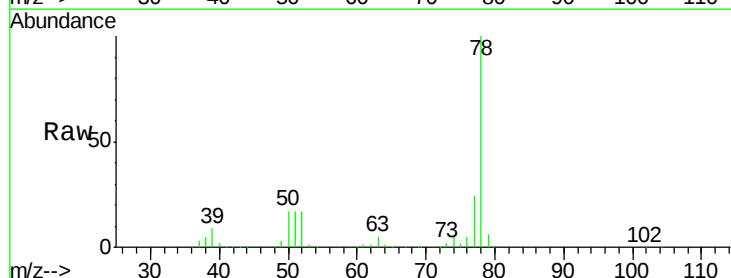
Instrument :
MSVOA_X
ClientSampled :

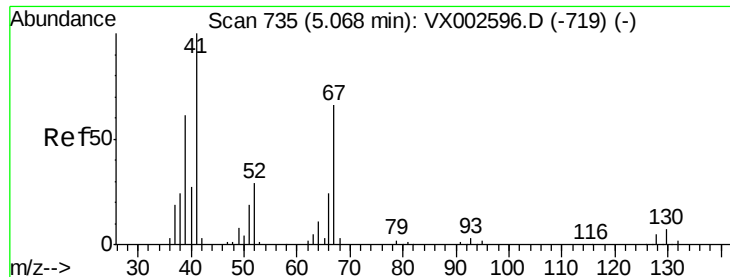
Tot Ion: 83 Resp: 78257
Ion Ratio Lower Upper
83 100
55 79.9 65.4 98.0
98 46.2 37.4 56.0



#40
Benzene
Concen: 19.25 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX002785.D
Acq: 21 Jun 2018 13:50

Tgt Ion: 78 Resp: 201961
Ion Ratio Lower Upper
78 100
77 23.7 19.1 28.7

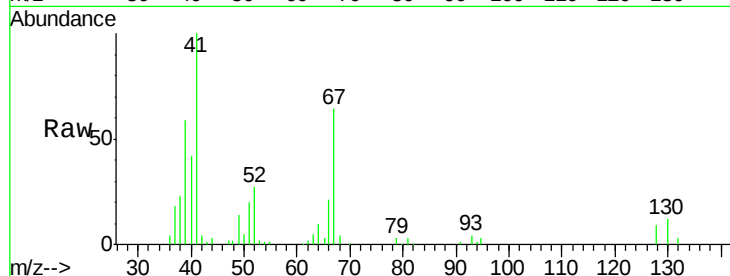




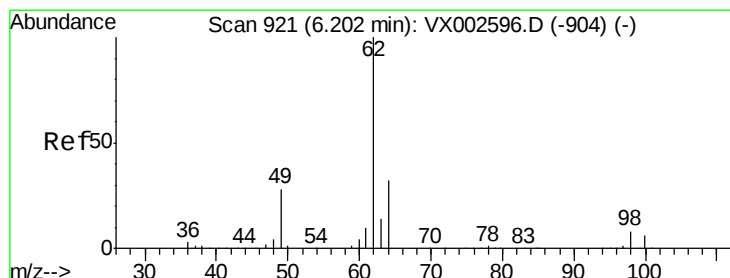
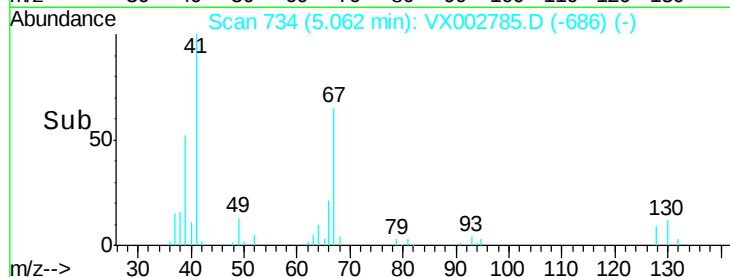
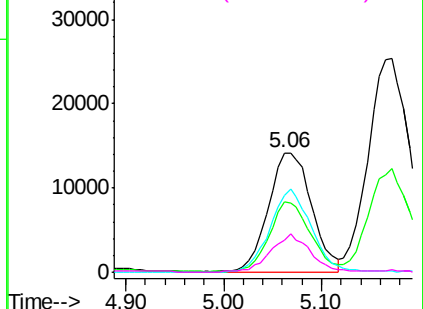
#41
Methacrylonitrile
Concen: 19.38 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX002785.D
Acq: 21 Jun 2018 13:50

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	43328
Ion	Ratio	Lower	Upper
41	100		
39	56.6	45.8	68.6
67	67.0	51.3	76.9
52	30.0	23.0	34.6

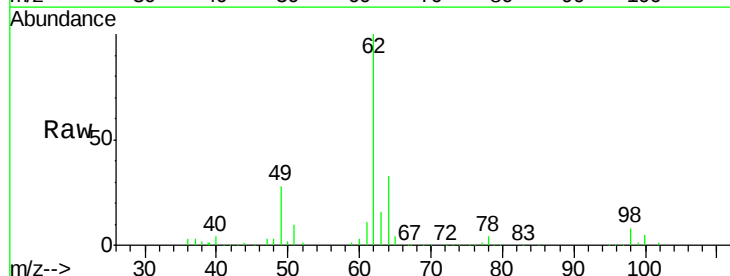


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

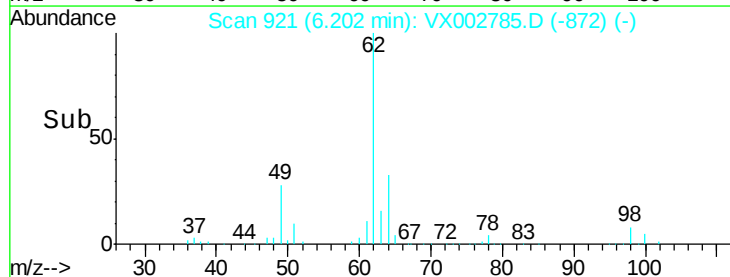
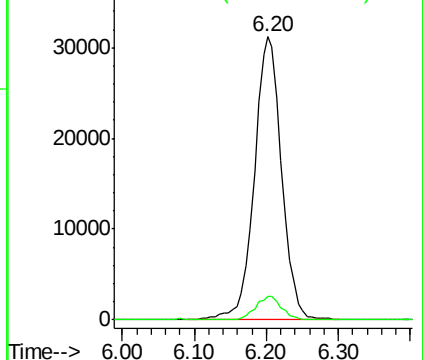


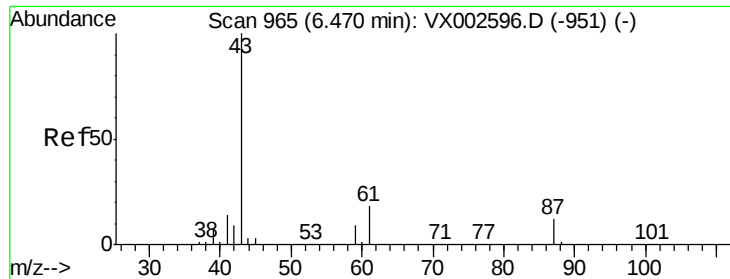
#42
1,2-Dichloroethane
Concen: 19.99 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX002785.D
Acq: 21 Jun 2018 13:50

Tgt Ion:	62	Resp:	81197
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



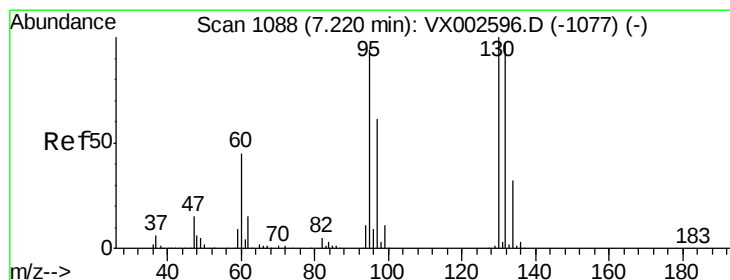
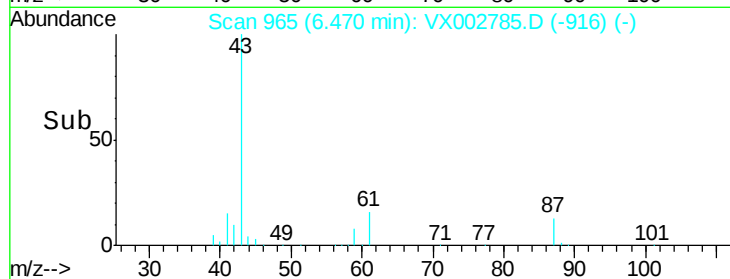
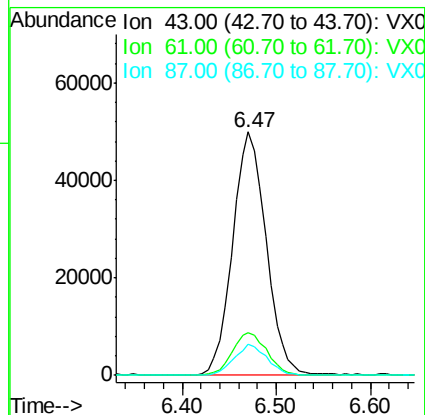
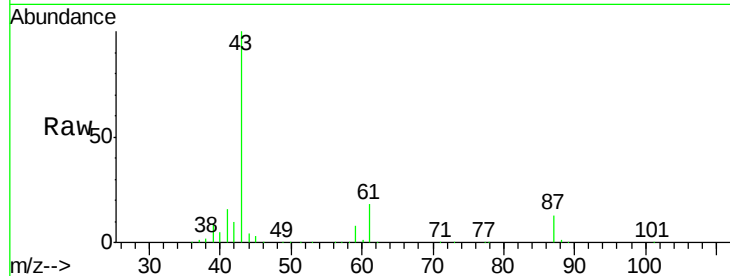


#43

Isopropyl Acetate
 Concen: 18.70 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. 0.00 min
 Lab File: VX002785.D
 Acq: 21 Jun 2018 13:50

Instrument :
 MSVOA_X
 ClientSampleId :

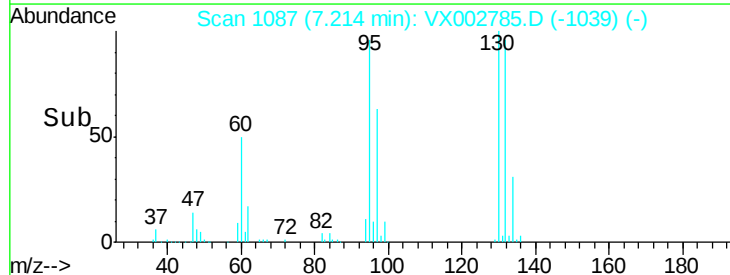
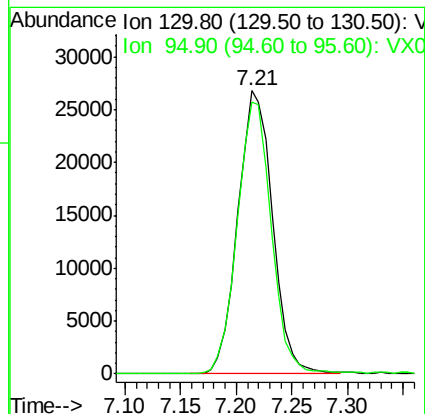
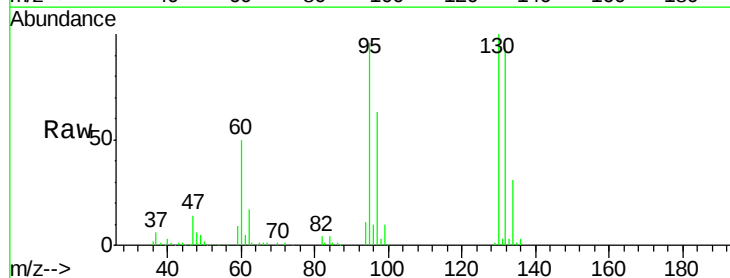
Tot Ion	Ratio	Lower	Upper
43	100		
61	18.1	14.4	21.6
87	12.5	9.5	14.3

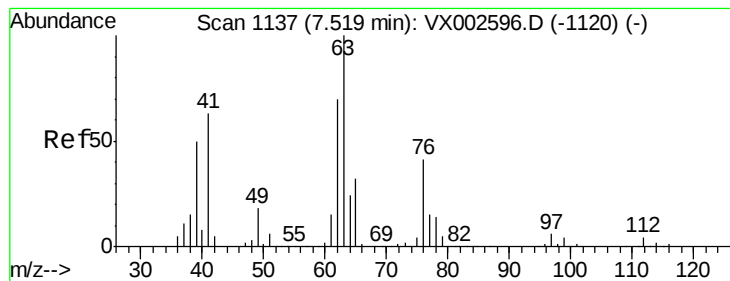


#44

Trichloroethene
 Concen: 19.16 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: VX002785.D
 Acq: 21 Jun 2018 13:50

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.1	0.0	185.4





#45

1,2-Dichloropropane

Concen: 19.19 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. 0.01 min

Lab File: VX002785.D

Acq: 21 Jun 2018 13:50

Instrument :

MSVOA_X

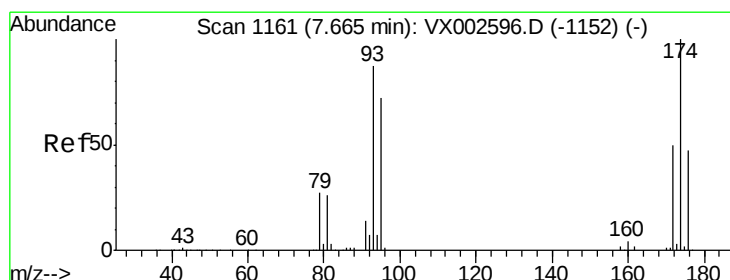
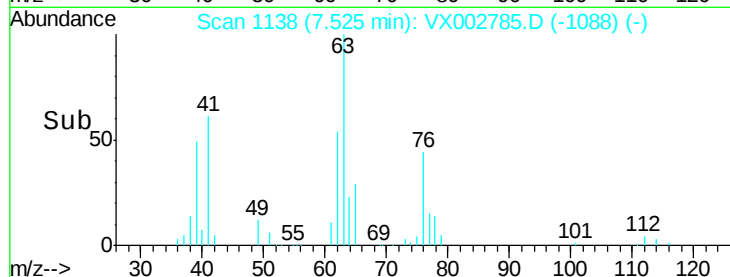
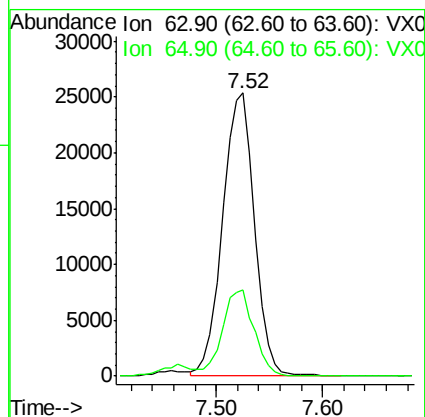
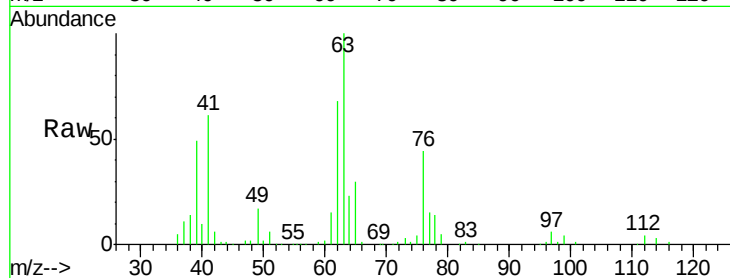
ClientSampled :

Tot Ion: 63 Resp: 52969

Ion Ratio Lower Upper

63 100

65 30.3 24.7 37.1



#46

Dibromomethane

Concen: 19.94 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. 0.00 min

Lab File: VX002785.D

Acq: 21 Jun 2018 13:50

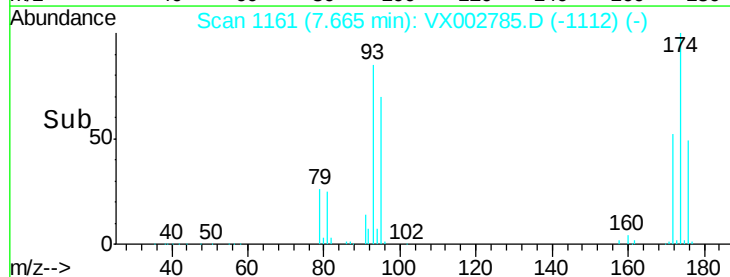
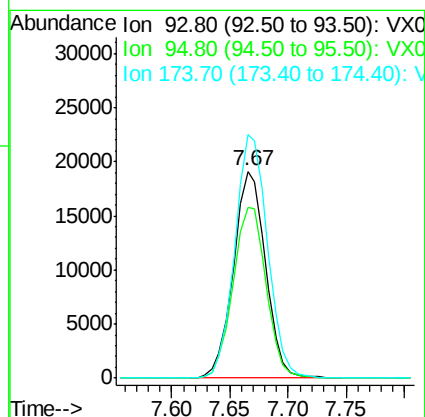
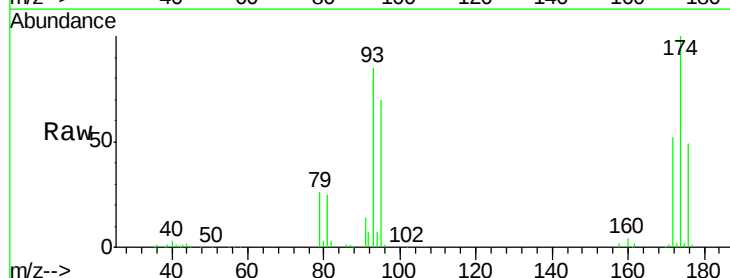
Tgt Ion: 93 Resp: 36825

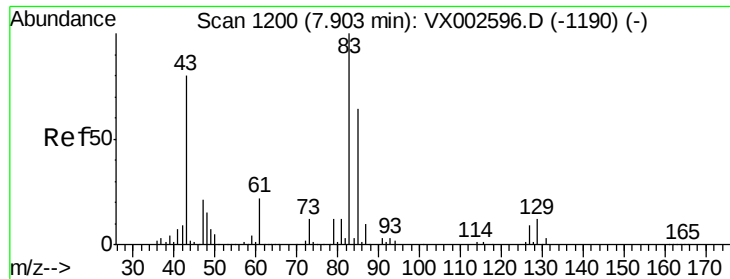
Ion Ratio Lower Upper

93 100

95 85.2 65.9 98.9

174 119.6 92.4 138.6





#47

Bromodichloromethane

Concen: 20.91 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX002785.D

Acq: 21 Jun 2018 13:50

Instrument :

MSVOA_X

ClientSampled :

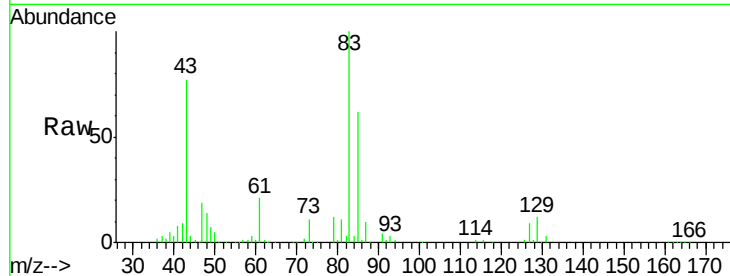
Tot Ion: 83 Resp: 68118

Ion Ratio Lower Upper

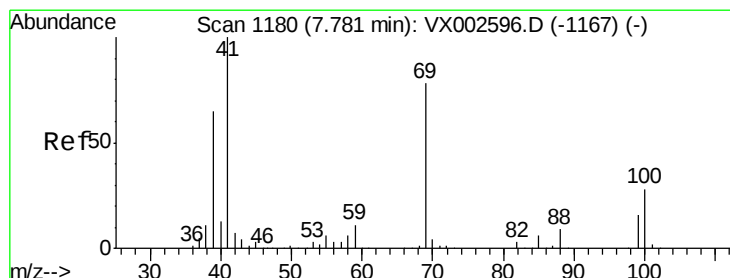
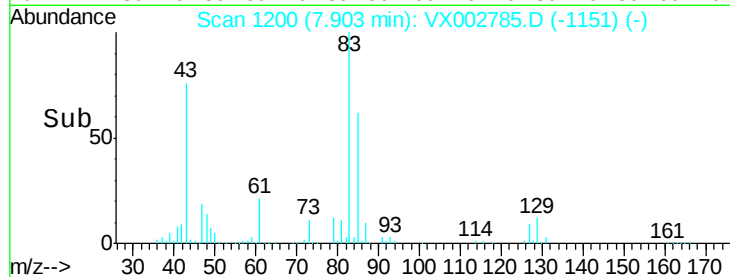
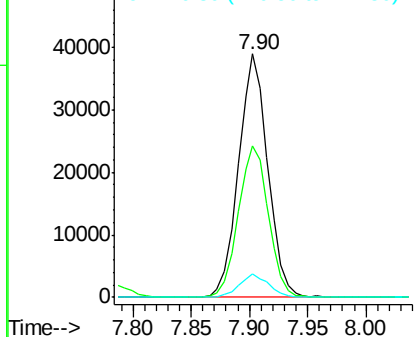
83 100

85 62.3 50.3 75.5

127 9.4 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.08 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX002785.D

Acq: 21 Jun 2018 13:50

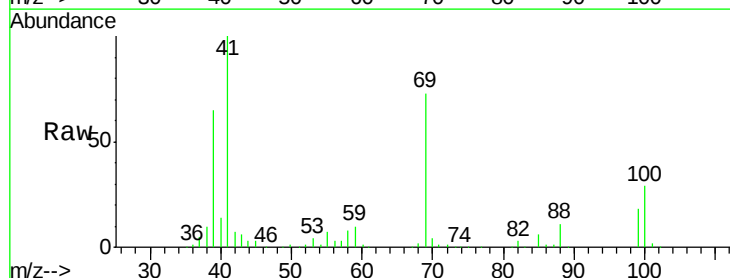
Tgt Ion: 41 Resp: 63977

Ion Ratio Lower Upper

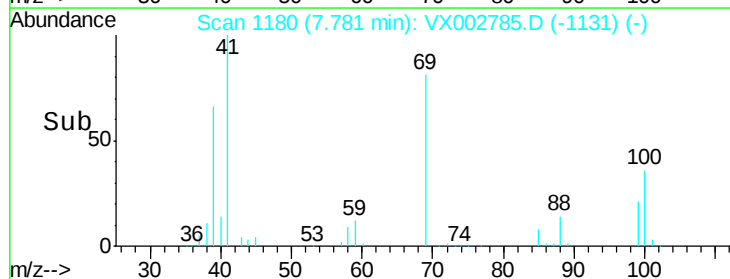
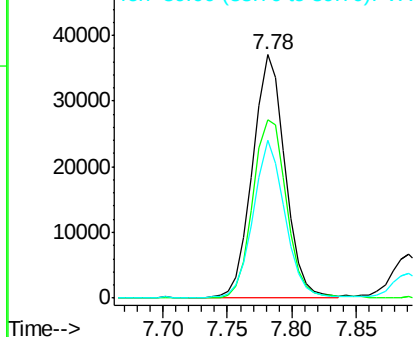
41 100

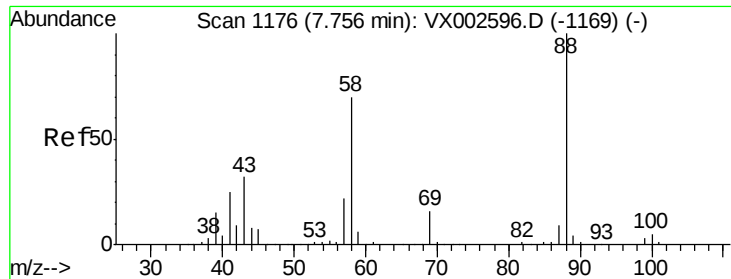
69 77.4 59.1 88.7

39 63.1 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

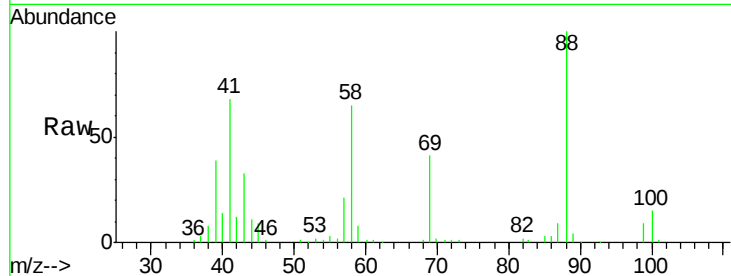




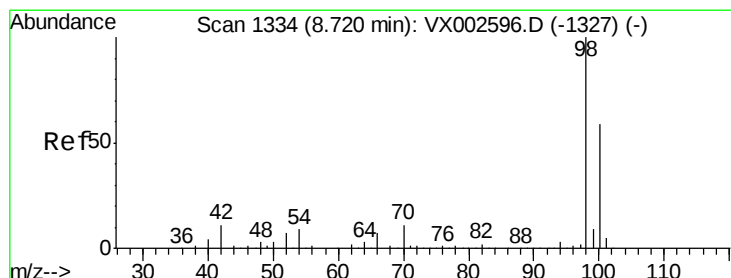
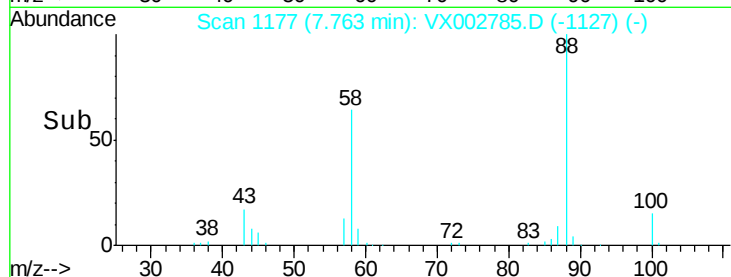
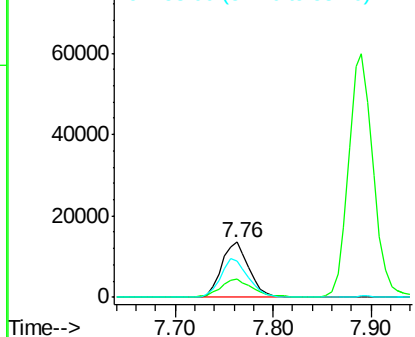
#49
1,4-Dioxane
Concen: 414.78 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX002785.D
Acq: 21 Jun 2018 13:50

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 88 Resp: 26333
Ion Ratio Lower Upper
88 100
43 38.4 29.8 44.6
58 70.2 57.1 85.7

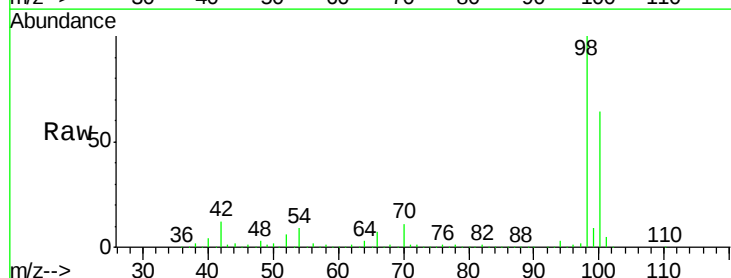


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

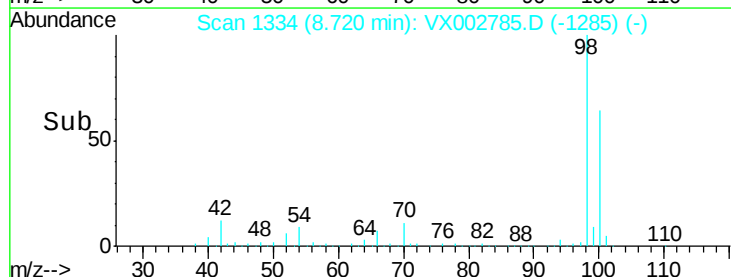
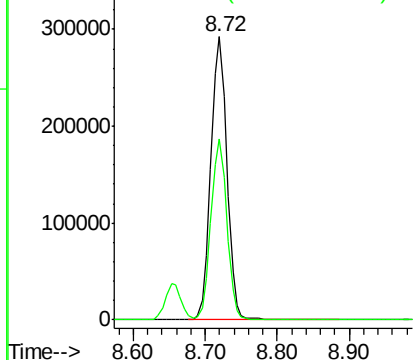


#50
Toluene-d8
Concen: 45.16 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002785.D
Acq: 21 Jun 2018 13:50

Tgt Ion: 98 Resp: 450783
Ion Ratio Lower Upper
98 100
100 63.3 50.9 76.3



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





#51

4-Methyl-2-Pentanone

Concen: 97.94 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX002785.D

Acq: 21 Jun 2018 13:50

Instrument :

MSVOA_X

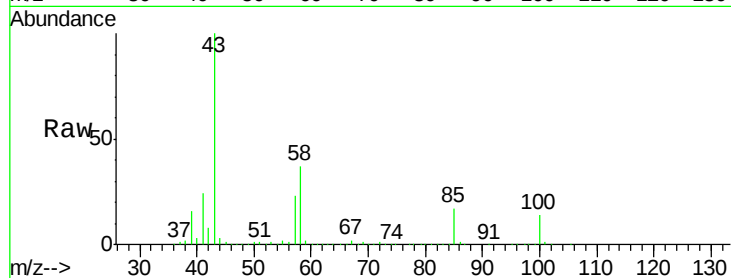
ClientSampleId :

Tot Ion: 43 Resp: 412520

Ion Ratio Lower Upper

43 100

58 36.4 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

250000

200000

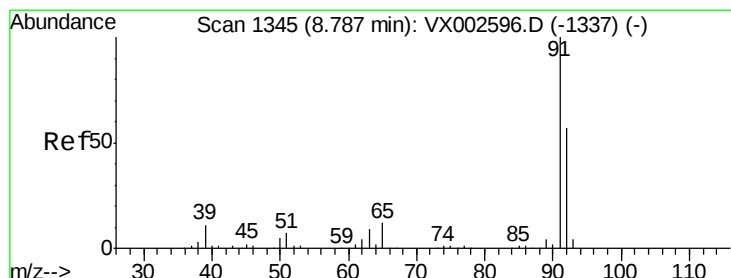
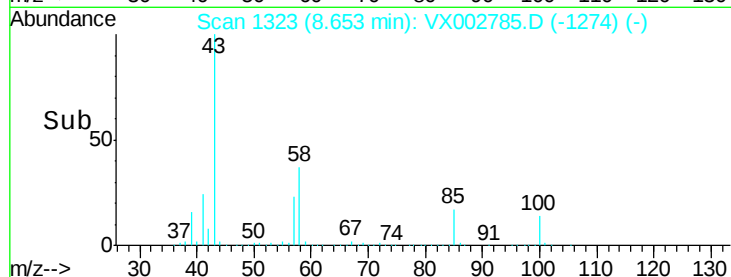
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 19.47 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX002785.D

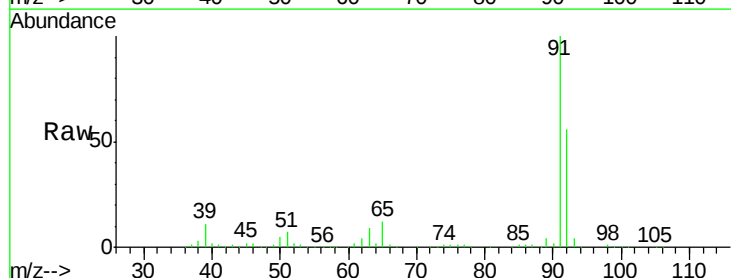
Acq: 21 Jun 2018 13:50

Tgt Ion: 92 Resp: 130279

Ion Ratio Lower Upper

92 100

91 175.3 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

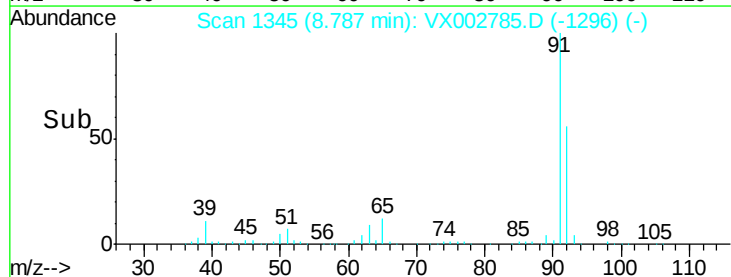
150000

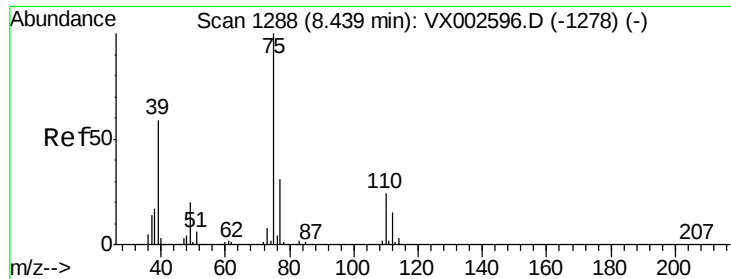
100000

50000

0

Time-->

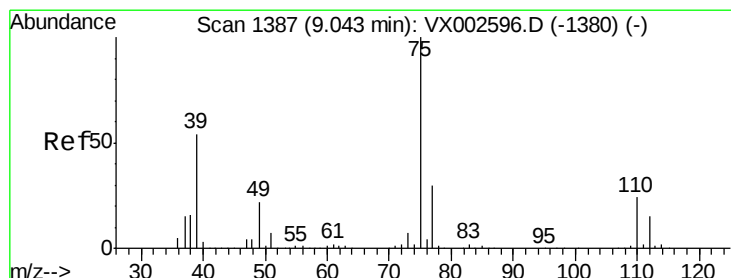
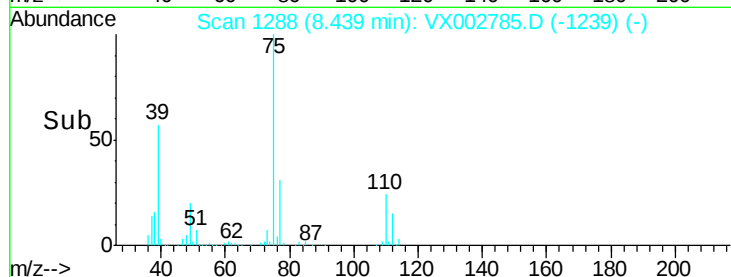
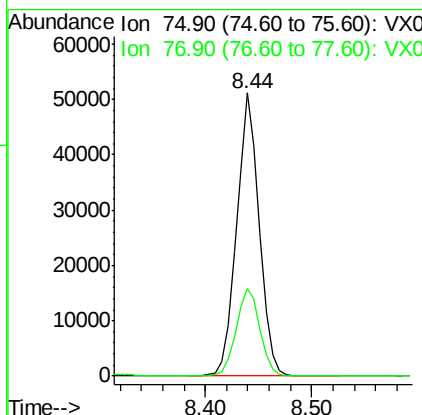
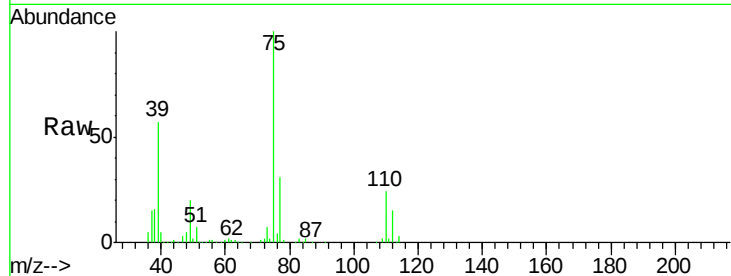




#53
t-1,3-Dichloropropene
Concen: 19.15 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VX002785.D
Acq: 21 Jun 2018 13:50

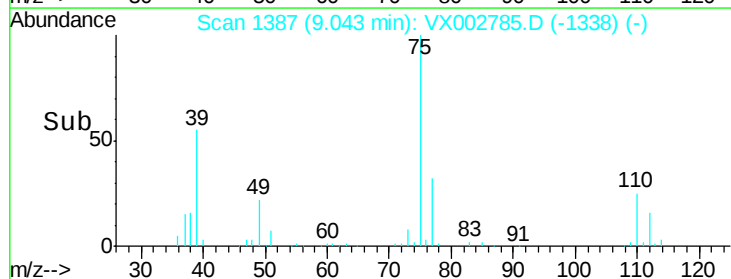
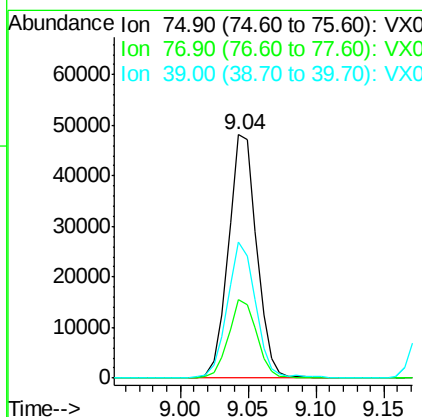
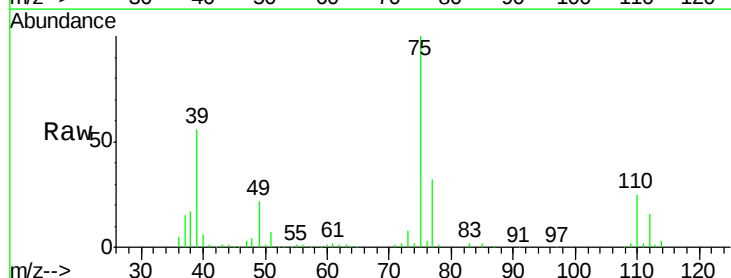
Instrument :
MSVOA_X
ClientSampleId :

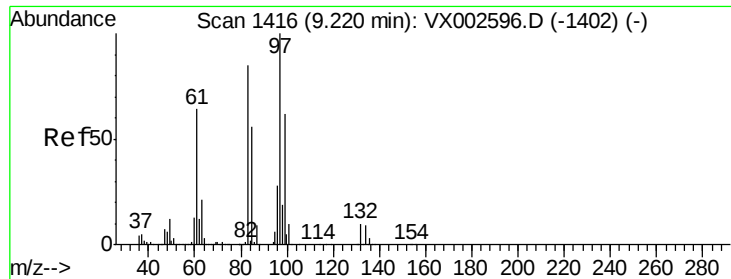
Tot Ion: 75 Resp: 75897
Ion Ratio Lower Upper
75 100
77 30.8 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 19.04 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. 0.00 min
Lab File: VX002785.D
Acq: 21 Jun 2018 13:50

Tgt Ion: 75 Resp: 69588
Ion Ratio Lower Upper
75 100
77 31.9 24.8 37.2
39 55.6 42.4 63.6





#55

1,1,2-Trichloroethane

Concen: 19.83 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. 0.00 min

Lab File: VX002785.D

Acq: 21 Jun 2018 13:50

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 97 Resp: 53617

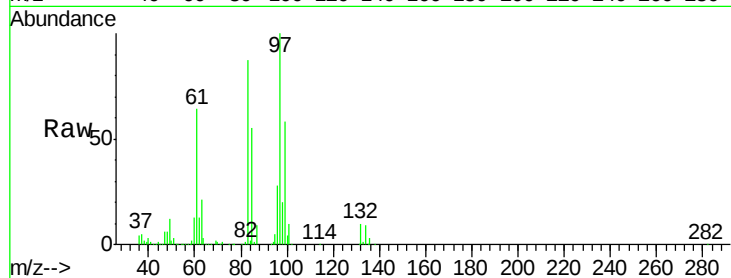
Ion Ratio Lower Upper

97 100

83 87.2 70.2 105.2

85 54.6 44.9 67.3

99 58.1 49.8 74.8

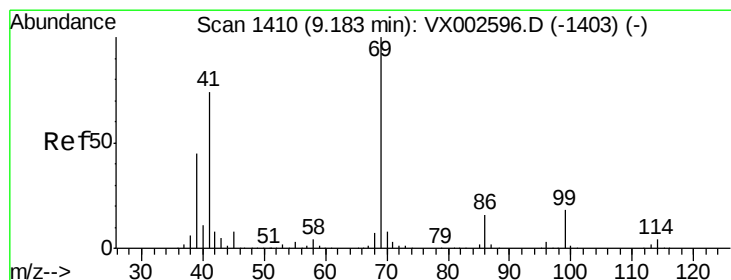
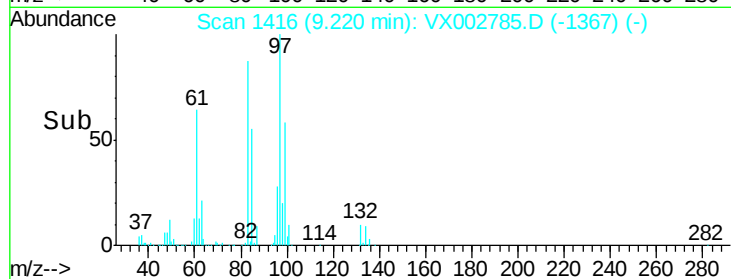
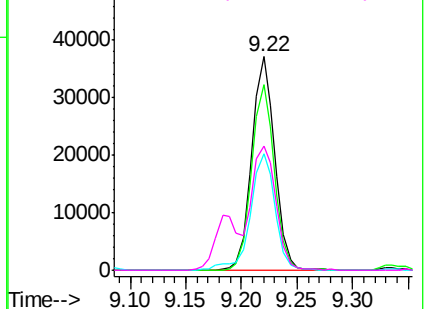


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 18.56 ug/l

RT: 9.18 min Scan# 1410

Delta R.T. 0.00 min

Lab File: VX002785.D

Acq: 21 Jun 2018 13:50

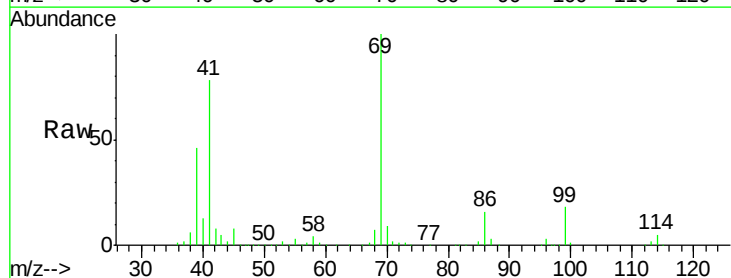
Tgt Ion: 69 Resp: 77211

Ion Ratio Lower Upper

69 100

41 74.2 60.3 90.5

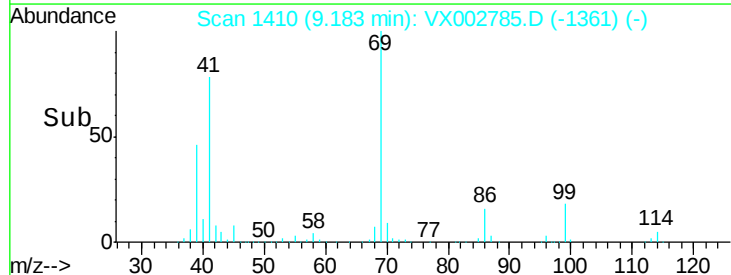
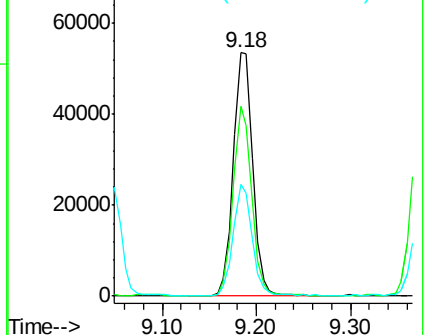
39 44.3 35.8 53.8

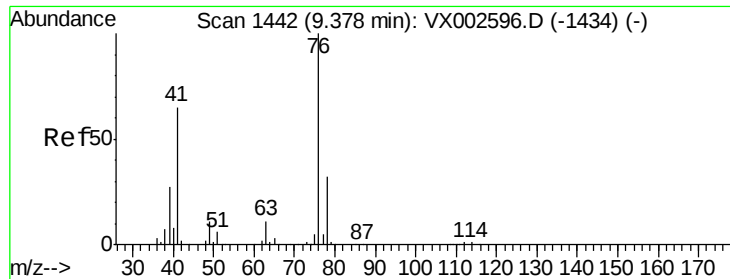


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

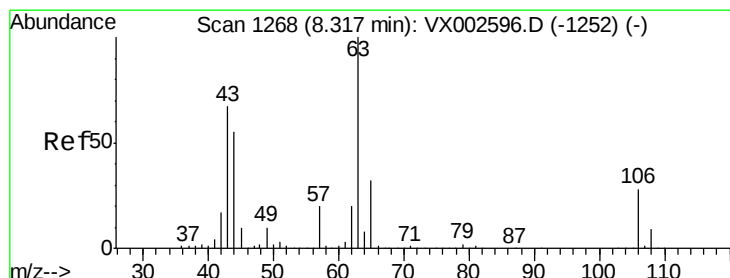
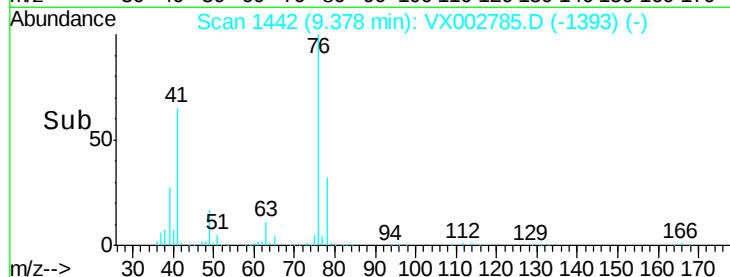
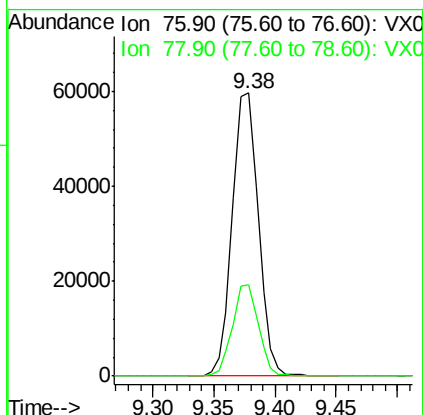
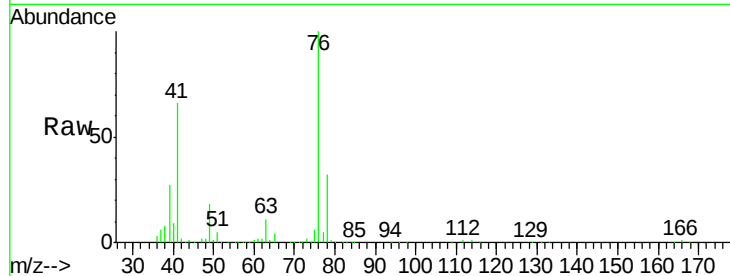




#57
 1,3-Dichloropropane
 Concen: 19.31 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX002785.D
 Acq: 21 Jun 2018 13:50

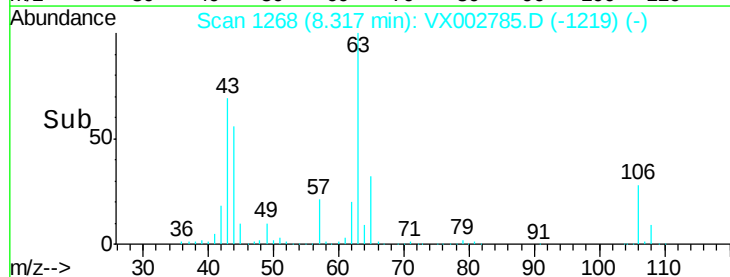
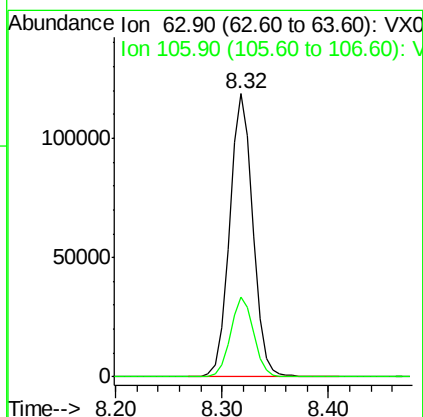
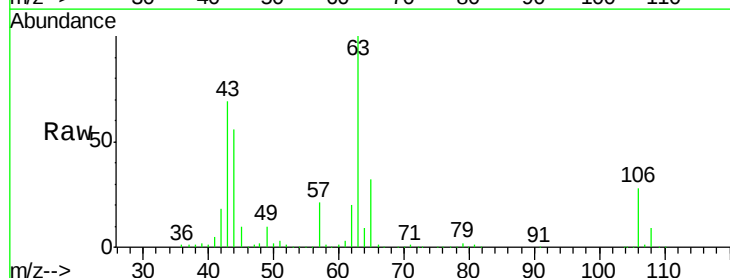
Instrument :
 MSVOA_X
 ClientSampleId :

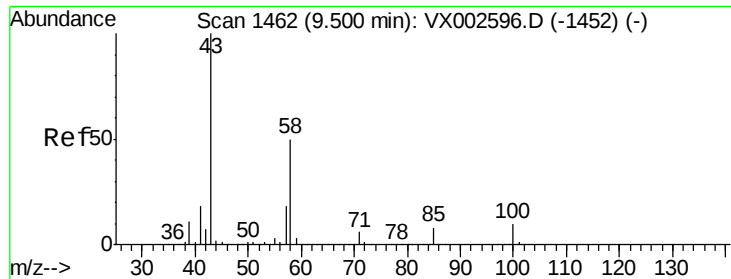
Tot Ion: 76 Resp: 88318
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 90.24 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VX002785.D
 Acq: 21 Jun 2018 13:50

Tgt Ion: 63 Resp: 181615
 Ion Ratio Lower Upper
 63 100
 106 28.1 21.8 32.8

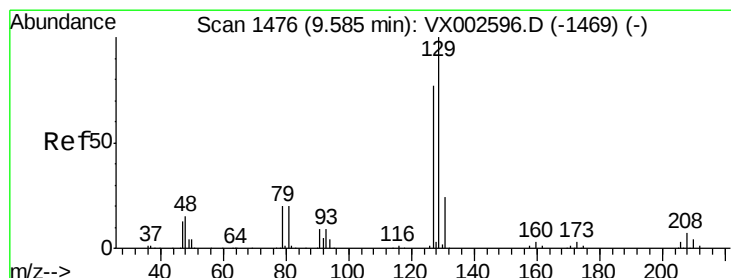
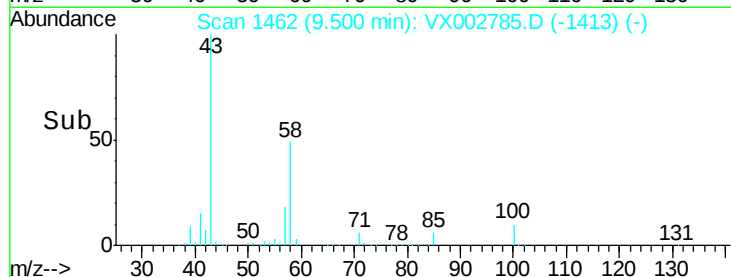
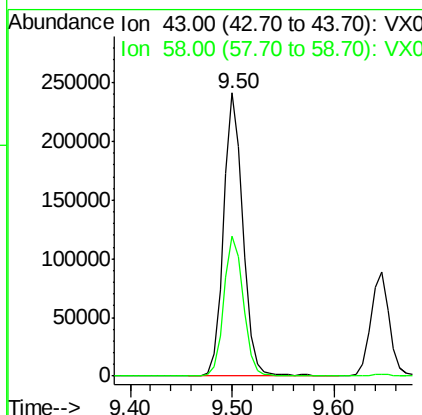
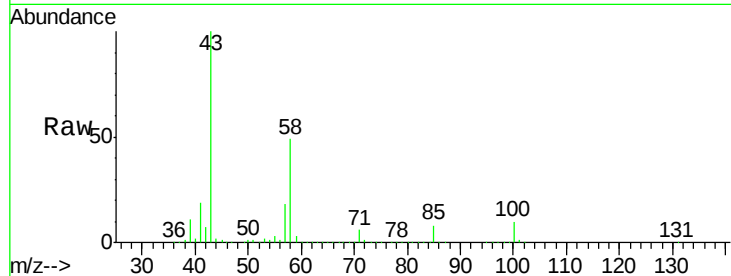




#59
2-Hexanone
Concen: 99.68 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX002785.D
Acq: 21 Jun 2018 13:50

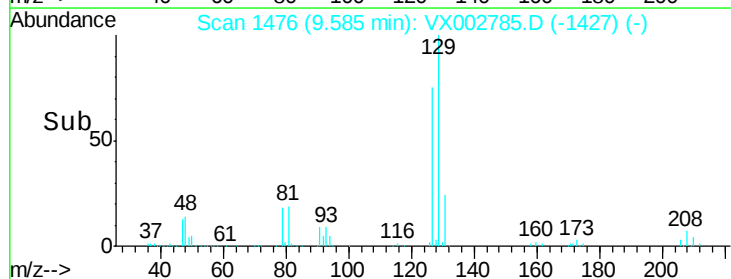
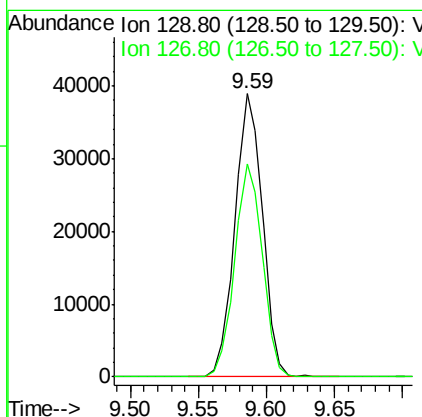
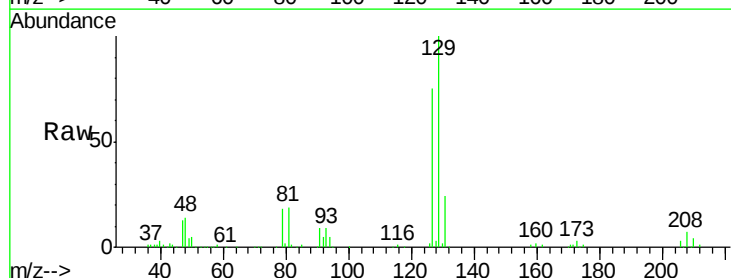
Instrument :
MSVOA_X
ClientSampled :

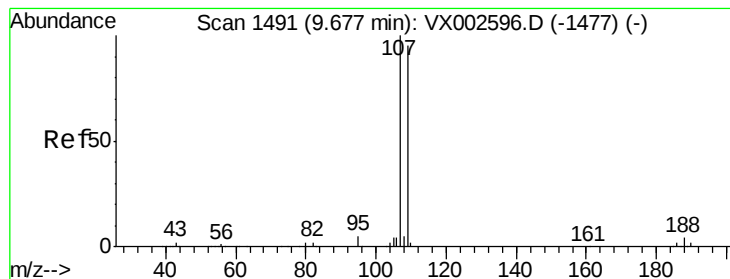
Tot Ion: 43 Resp: 316396
Ion Ratio Lower Upper
43 100
58 50.1 24.6 73.6



#60
Dibromochloromethane
Concen: 20.44 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX002785.D
Acq: 21 Jun 2018 13:50

Tgt Ion:129 Resp: 54844
Ion Ratio Lower Upper
129 100
127 75.8 38.5 115.3





#61

1,2-Dibromoethane

Concen: 20.12 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX002785.D

Acq: 21 Jun 2018 13:50

Instrument :

MSVOA_X

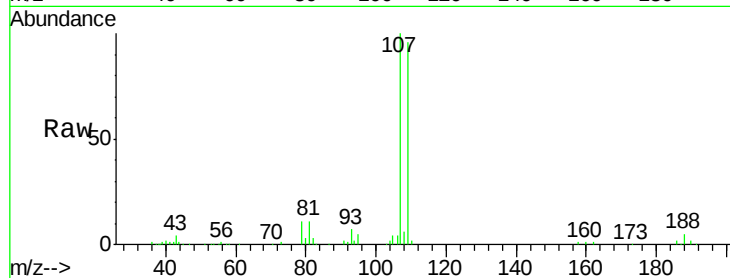
ClientSampleId :

Tot Ion:107 Resp: 56334

Ion Ratio Lower Upper

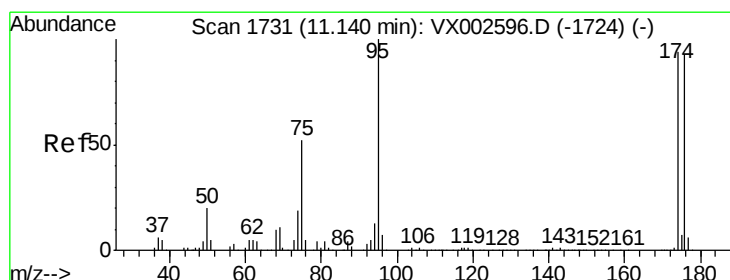
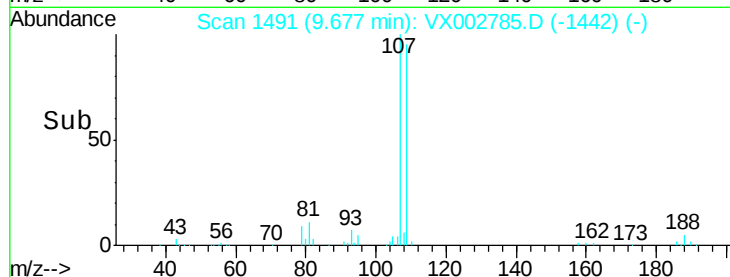
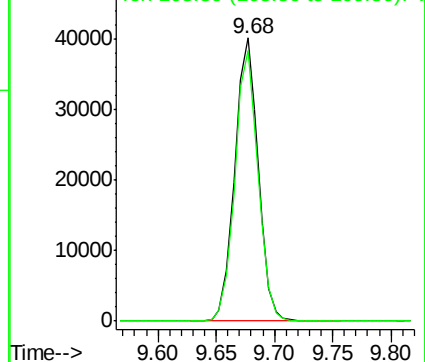
107 100

109 94.5 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 45.01 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002785.D

Acq: 21 Jun 2018 13:50

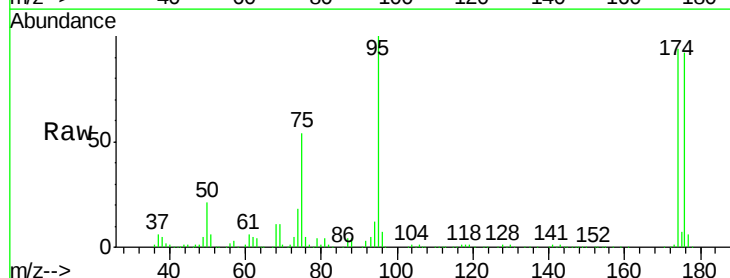
Tgt Ion: 95 Resp: 170251

Ion Ratio Lower Upper

95 100

174 96.5 0.0 187.4

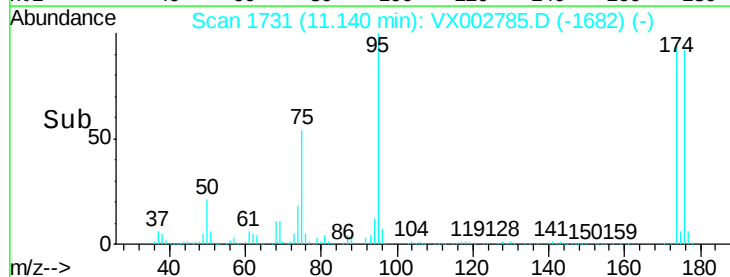
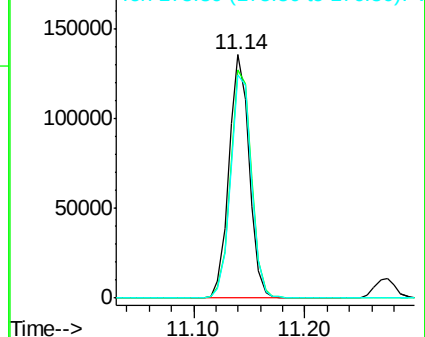
176 94.2 0.0 181.0



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

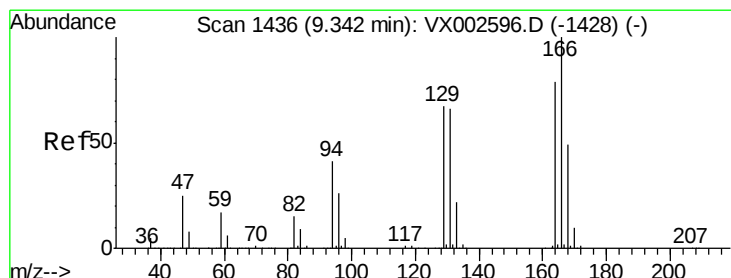
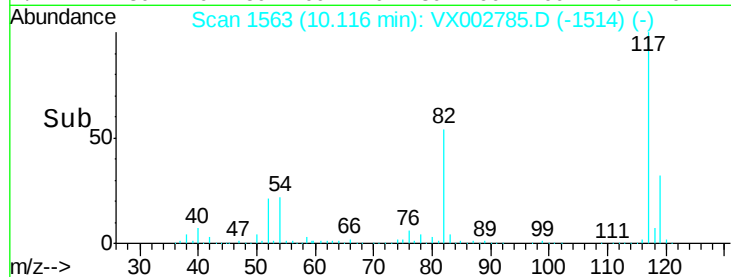
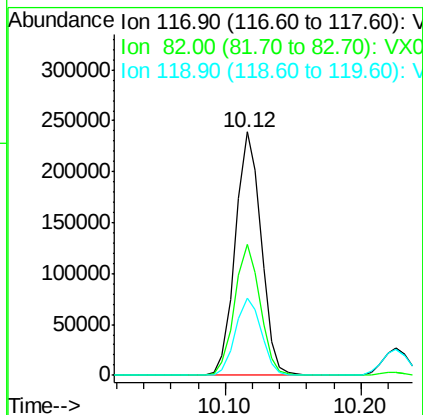
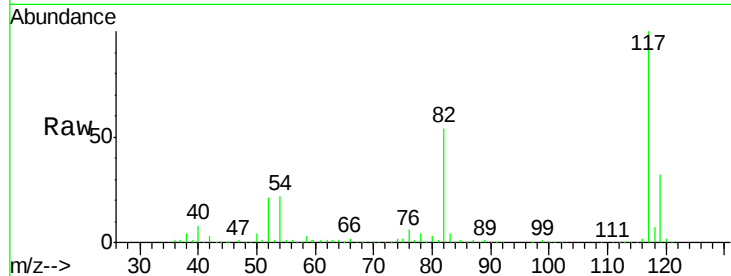




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002785.D
Acq: 21 Jun 2018 13:50

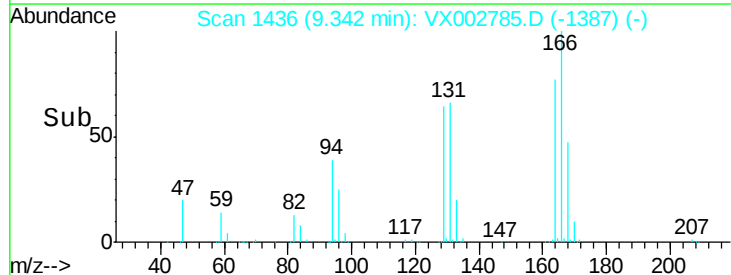
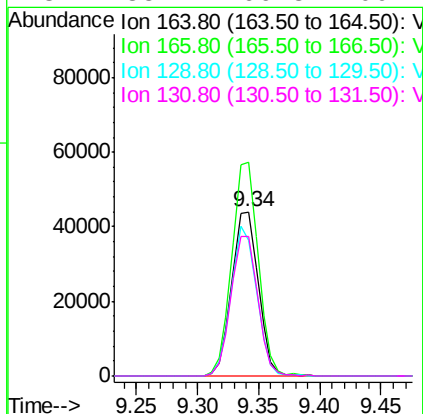
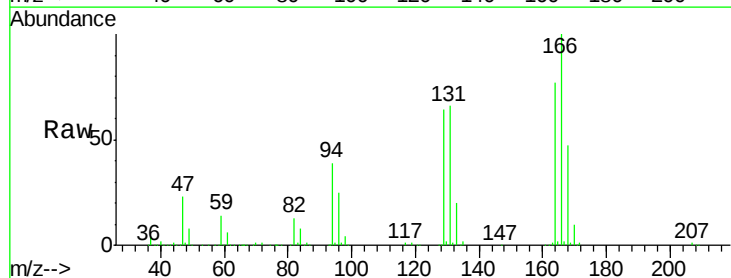
Instrument :
MSVOA_X
ClientSampleId :

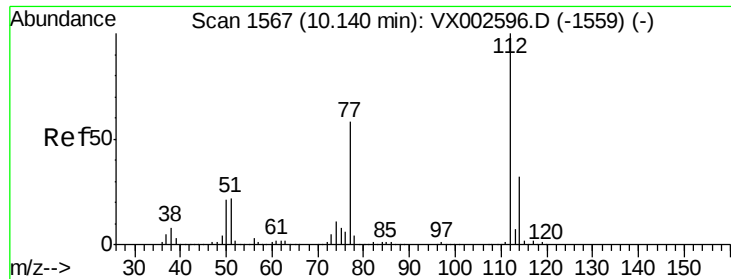
Tot Ion:117 Resp: 316786
Ion Ratio Lower Upper
117 100
82 53.9 45.0 67.4
119 32.0 25.8 38.6



#64
Tetrachloroethene
Concen: 18.84 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX002785.D
Acq: 21 Jun 2018 13:50

Tgt Ion:164 Resp: 66256
Ion Ratio Lower Upper
164 100
166 130.2 102.9 154.3
129 83.1 68.6 102.8
131 85.4 66.8 100.2





#65

Chlorobenzene

Concen: 19.25 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX002785.D

Acq: 21 Jun 2018 13:50

Instrument :

MSVOA_X

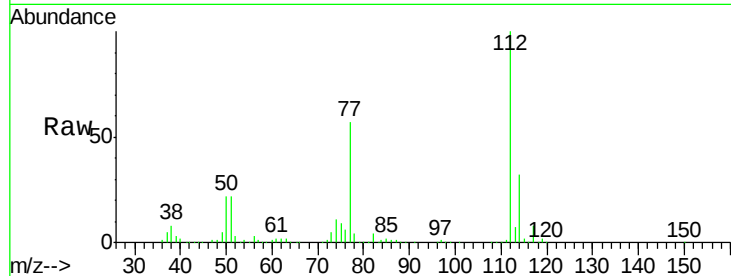
ClientSampled :

Tot Ion:112 Resp: 149753

Ion Ratio Lower Upper

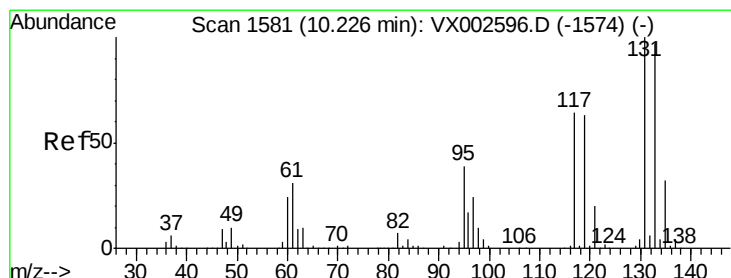
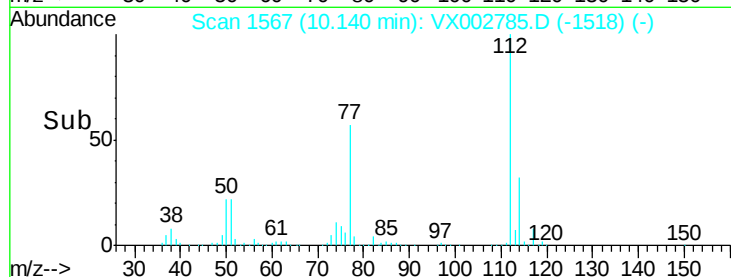
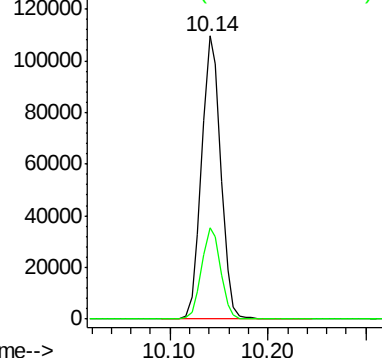
112 100

114 32.4 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.40 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX002785.D

Acq: 21 Jun 2018 13:50

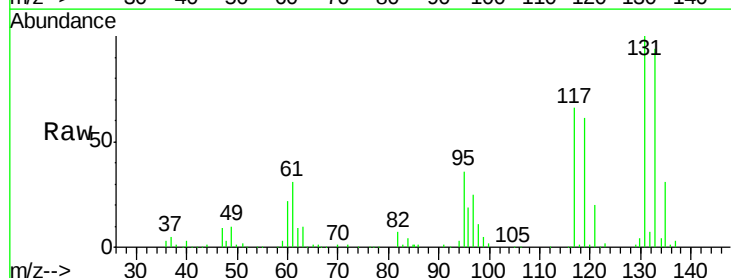
Tgt Ion:131 Resp: 54119

Ion Ratio Lower Upper

131 100

133 97.3 47.9 143.6

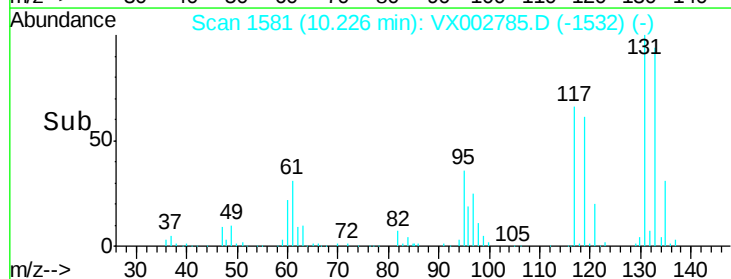
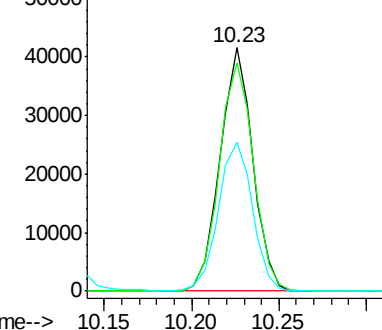
119 64.0 31.8 95.3

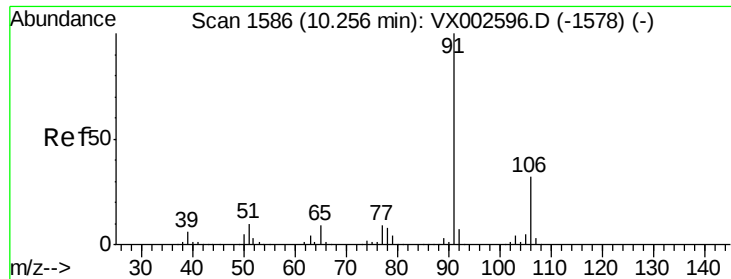


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

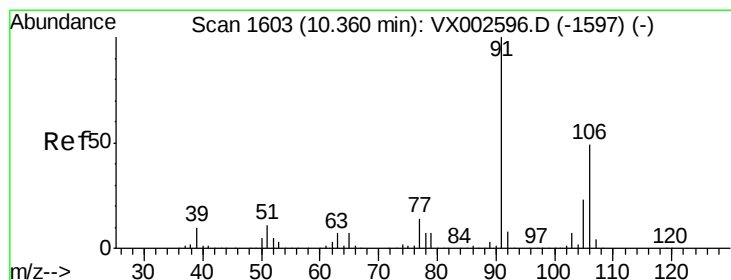
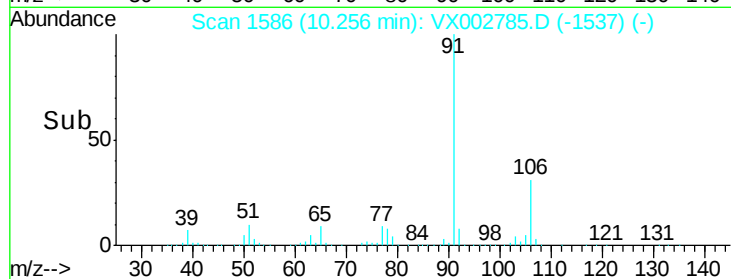
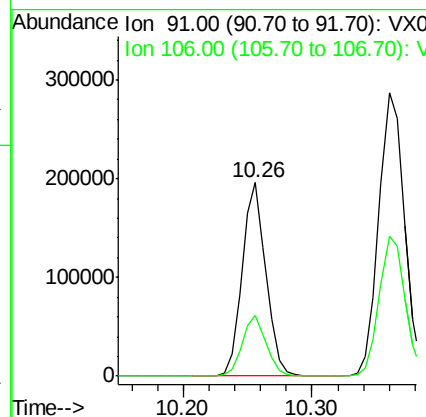
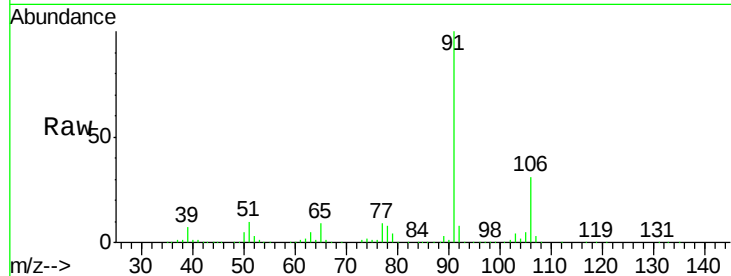




#67
Ethyl Benzene
Concen: 18.99 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX002785.D
Acq: 21 Jun 2018 13:50

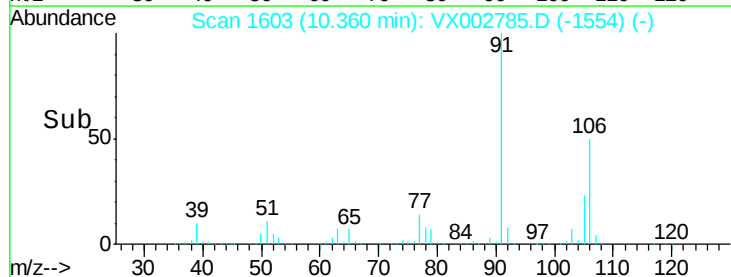
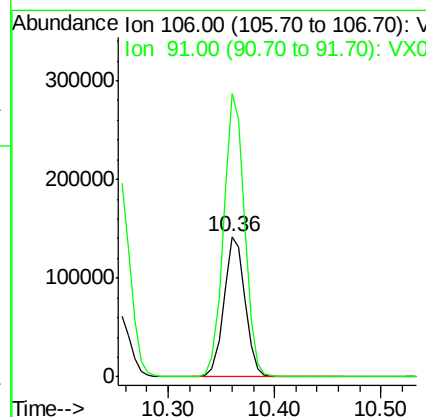
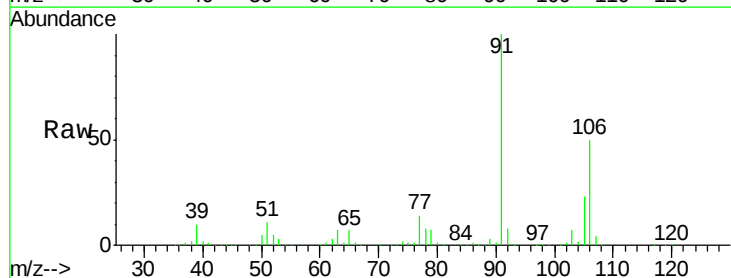
Instrument :
MSVOA_X
ClientSampleId :

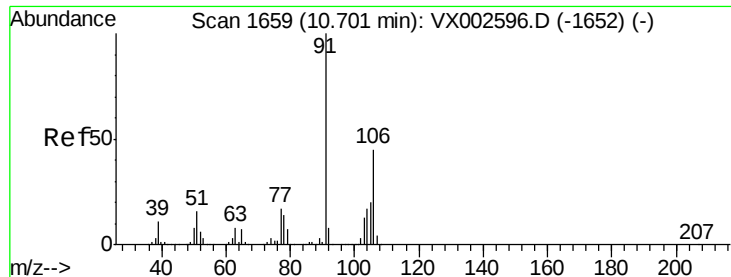
Tot Ion: 91 Resp: 249223
Ion Ratio Lower Upper
91 100
106 31.4 25.5 38.3



#68
m/p-Xylenes
Concen: 38.69 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX002785.D
Acq: 21 Jun 2018 13:50

Tgt Ion: 106 Resp: 195859
Ion Ratio Lower Upper
106 100
91 201.8 163.4 245.2

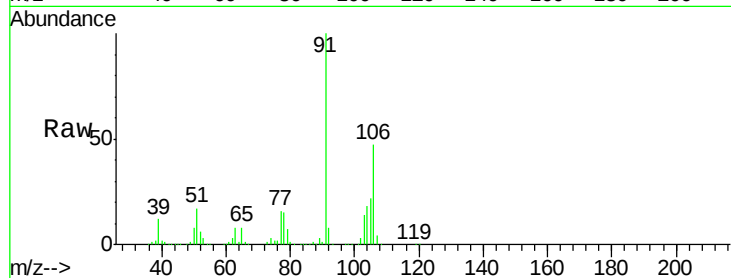




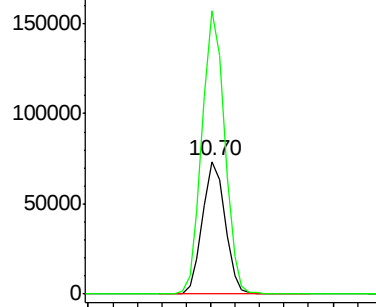
#69
o-Xylene
Concen: 18.97 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX002785.D
Acq: 21 Jun 2018 13:50

Instrument :
MSVOA_X
ClientSampled :

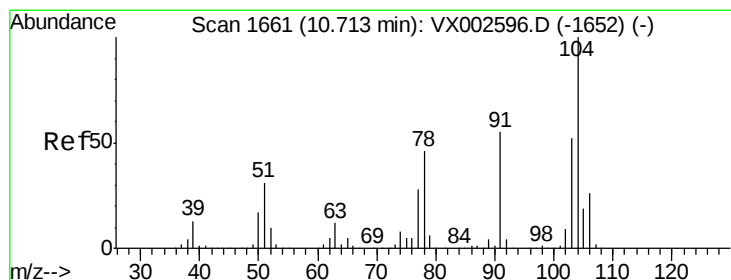
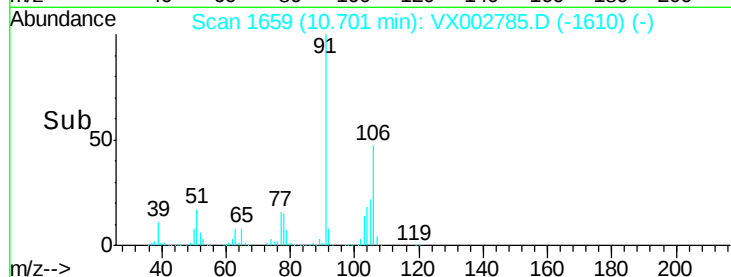
Tot Ion:106 Resp: 94331
Ion Ratio Lower Upper
106 100
91 213.4 108.2 324.6



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

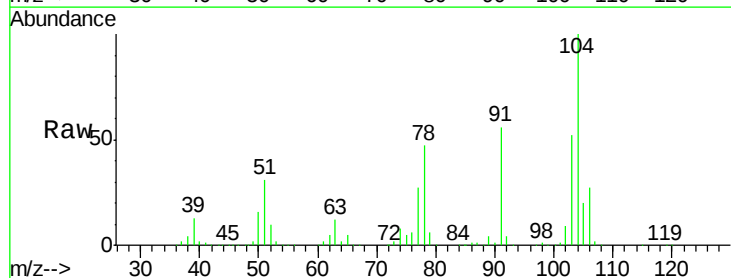


Time--> 10.60 10.70 10.80

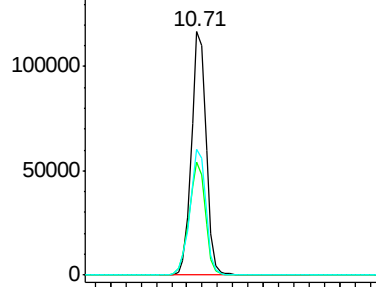


#70
Styrene
Concen: 19.08 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX002785.D
Acq: 21 Jun 2018 13:50

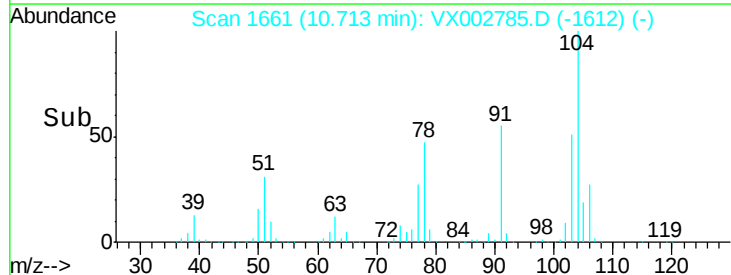
Tgt Ion:104 Resp: 156059
Ion Ratio Lower Upper
104 100
78 51.0 41.0 61.6
103 56.1 44.2 66.4

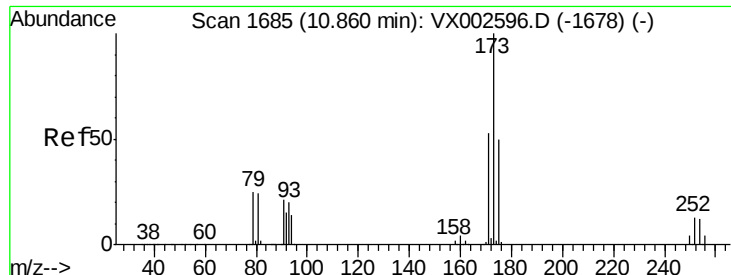


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V



Time--> 10.60 10.70 10.80 10.90

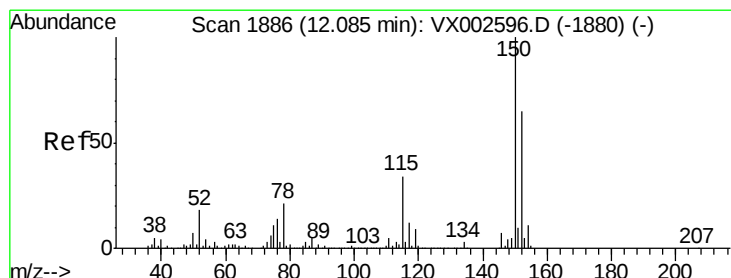
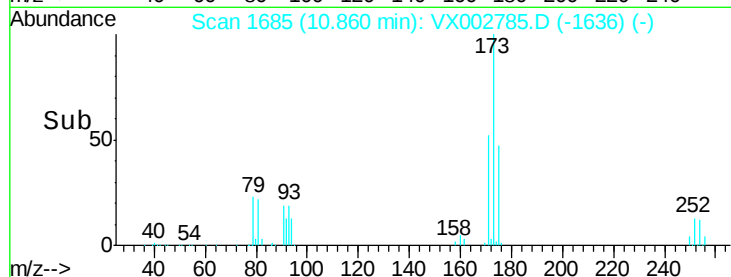
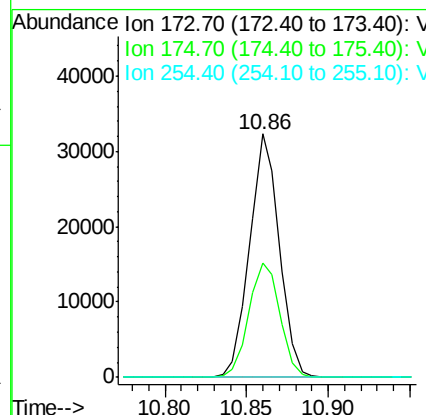
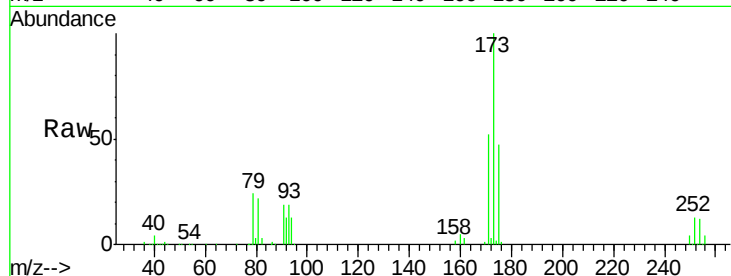




#71
Bromoform
Concen: 20.22 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX002785.D
Acq: 21 Jun 2018 13:50

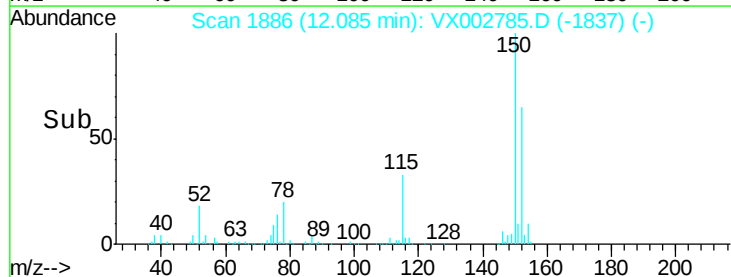
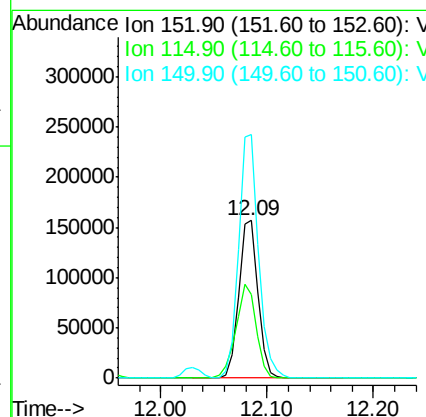
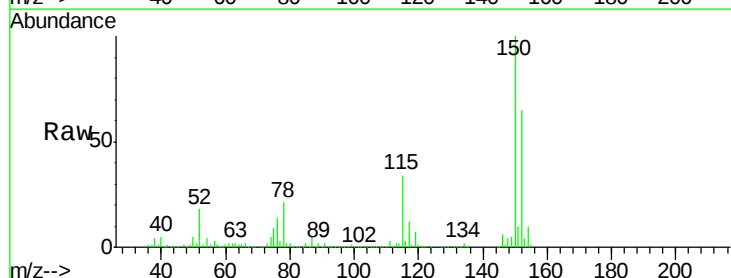
Instrument :
MSVOA_X
ClientSampled :

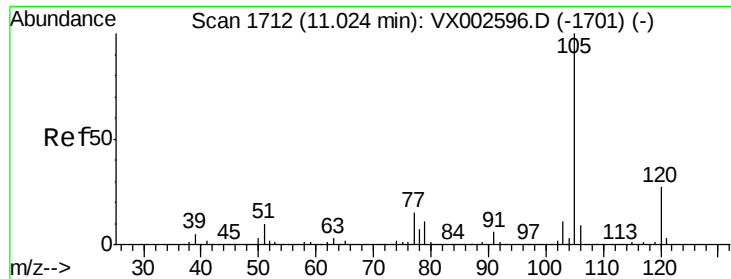
Tot Ion:173 Resp: 41120
Ion Ratio Lower Upper
173 100
175 49.1 24.7 74.1
254 0.1 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX002785.D
Acq: 21 Jun 2018 13:50

Tgt Ion:152 Resp: 197898
Ion Ratio Lower Upper
152 100
115 63.4 40.1 120.2
150 160.5 0.0 347.2





#73

Isopropylbenzene

Concen: 19.53 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX002785.D

Acq: 21 Jun 2018 13:50

Instrument :

MSVOA_X

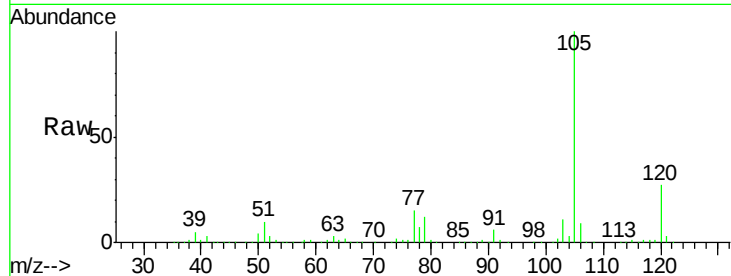
ClientSampleId :

Tot Ion:105 Resp: 258536

Ion Ratio Lower Upper

105 100

120 26.7 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

150000

100000

50000

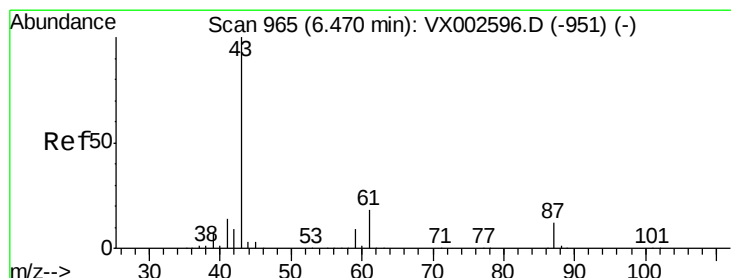
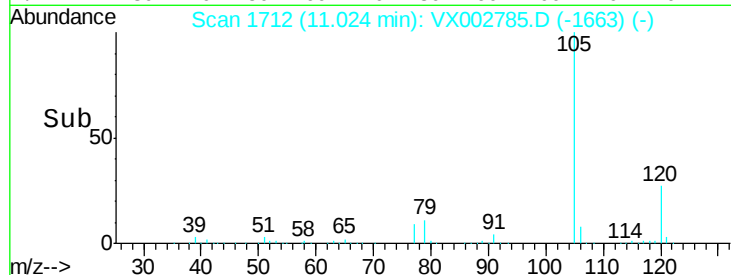
0

11.02

11.00

11.10

Time-->



#74

N-ethyl acetate

Concen: 18.66 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX002785.D

Acq: 21 Jun 2018 13:50

Tgt Ion: 43 Resp: 122685

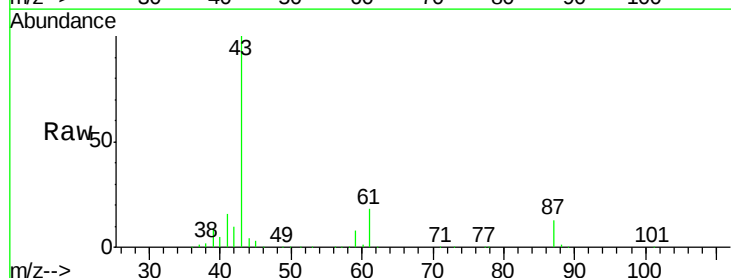
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 18.1 14.4 21.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

60000

40000

20000

0

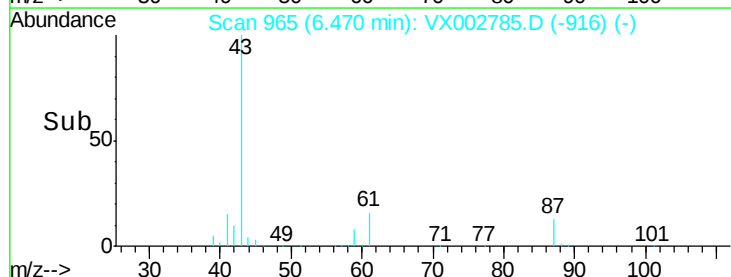
6.47

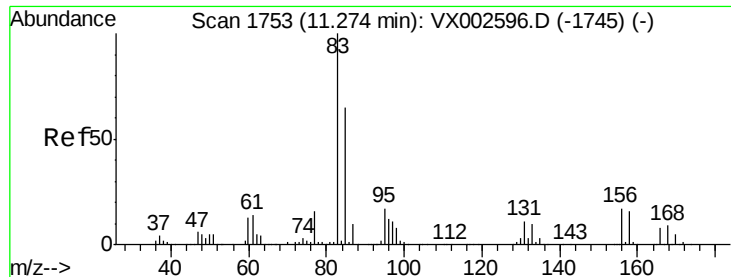
6.40

6.50

6.60

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.50 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX002785.D

Acq: 21 Jun 2018 13:50

Instrument :

MSVOA_X

ClientSampleId :

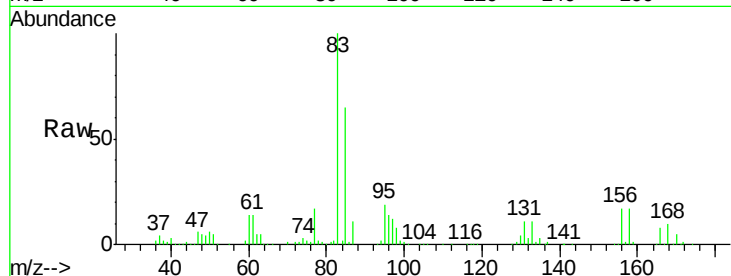
Tot Ion: 83 Resp: 80133

Ion Ratio Lower Upper

83 100

131 11.1 5.6 16.8

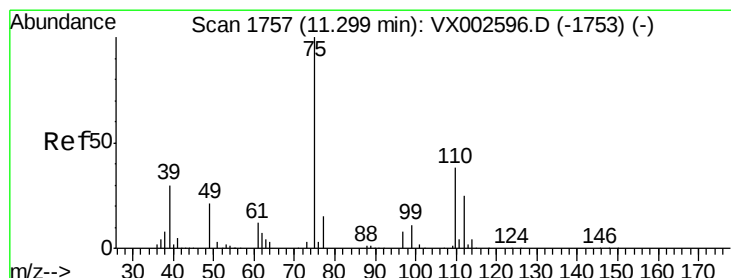
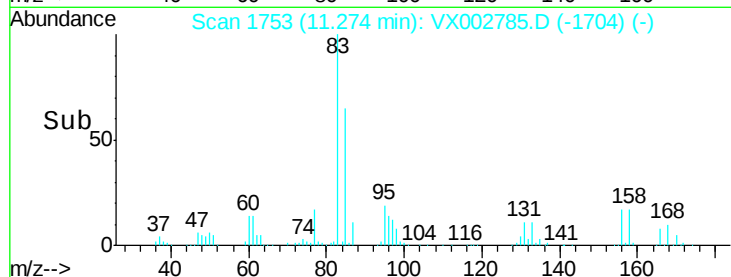
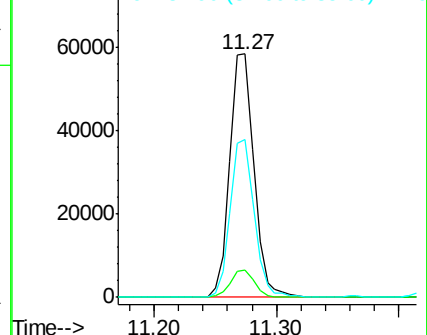
85 64.5 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX002596.D (-1745) (-)

Ion 130.80 (130.50 to 131.50): VX002596.D (-1745) (-)

Ion 84.90 (84.60 to 85.60): VX002596.D (-1745) (-)



#76

1,2,3-Trichloropropane

Concen: 23.56 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX002785.D

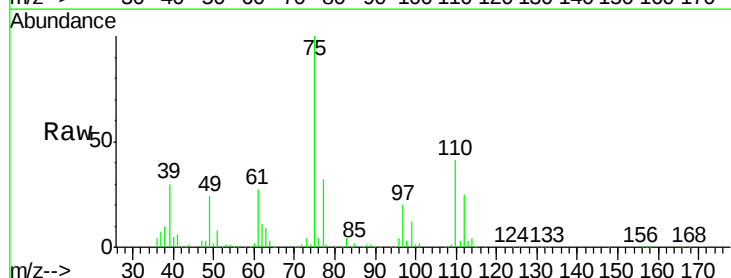
Acq: 21 Jun 2018 13:50

Tgt Ion: 75 Resp: 87987

Ion Ratio Lower Upper

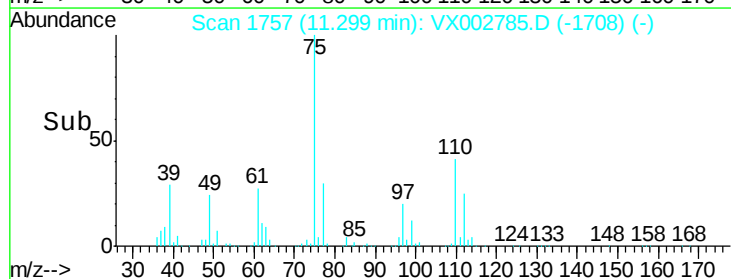
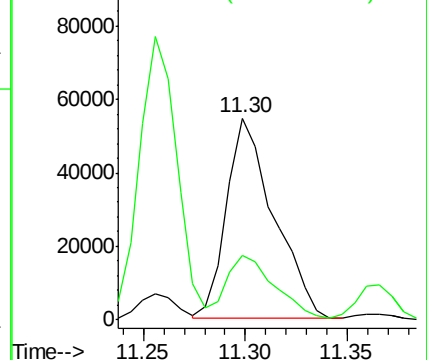
75 100

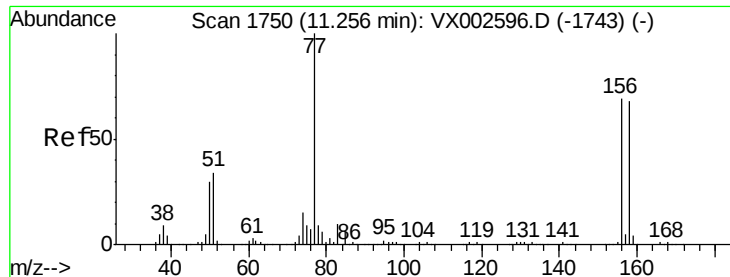
77 33.2 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX002596.D (-1753) (-)

Ion 77.00 (76.70 to 77.70): VX002596.D (-1753) (-)





#77

Bromobenzene

Concen: 19.68 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX002785.D

Acq: 21 Jun 2018 13:50

Instrument :

MSVOA_X

ClientSampleId :

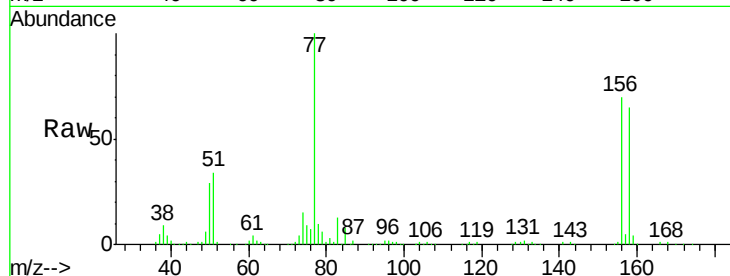
Tot Ion:156 Resp: 72583

Ion Ratio Lower Upper

156 100

77 136.5 71.4 214.2

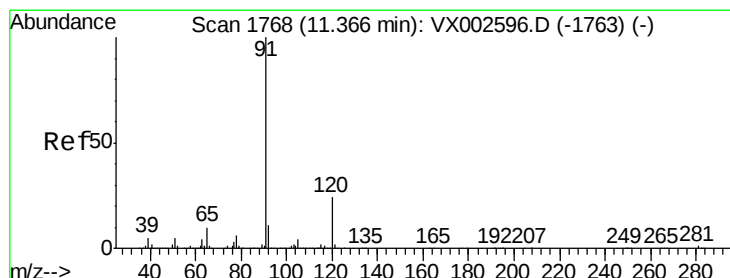
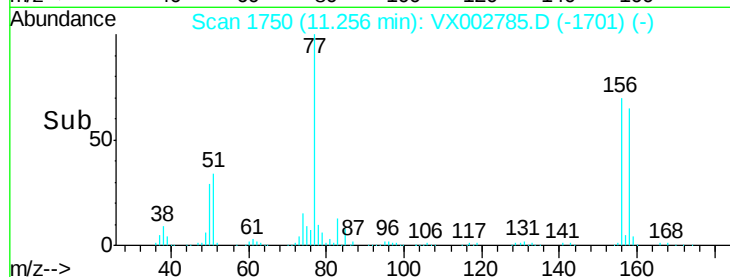
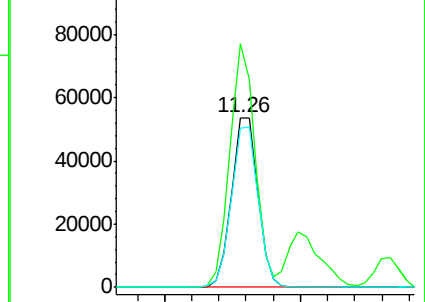
158 96.0 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.28 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX002785.D

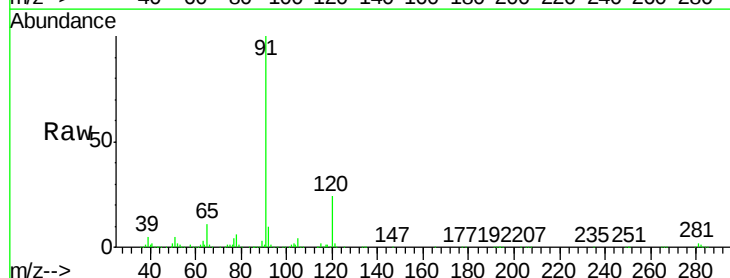
Acq: 21 Jun 2018 13:50

Tgt Ion: 91 Resp: 292663

Ion Ratio Lower Upper

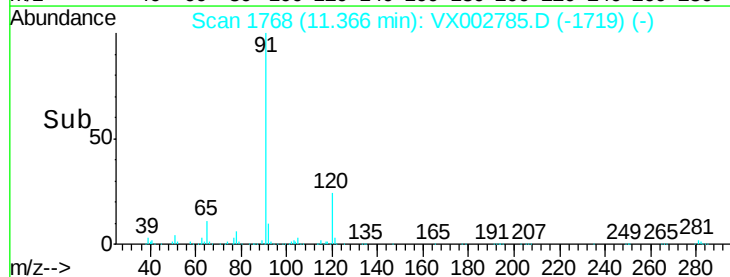
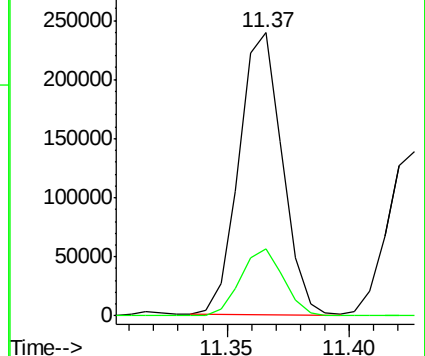
91 100

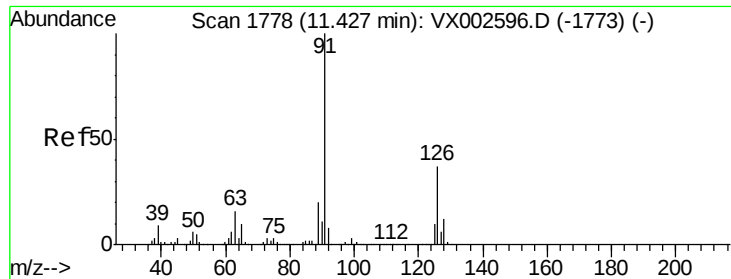
120 23.8 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.26 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX002785.D

Acq: 21 Jun 2018 13:50

Instrument :

MSVOA_X

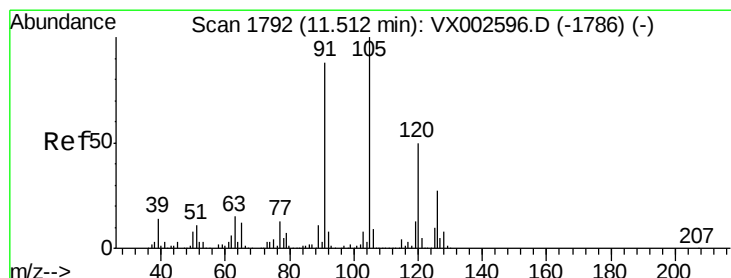
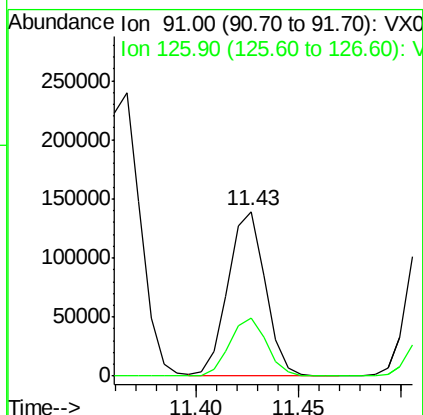
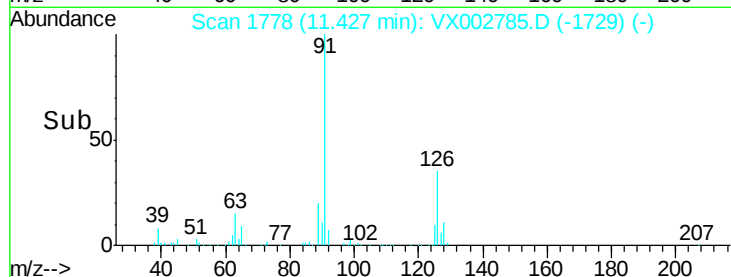
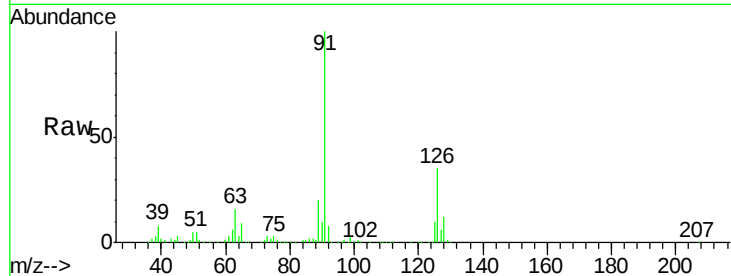
ClientSampled :

Tot Ion: 91 Resp: 174582

Ion Ratio Lower Upper

91 100

126 35.6 17.7 53.1



#80

1,3,5-Trimethylbenzene

Concen: 19.39 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX002785.D

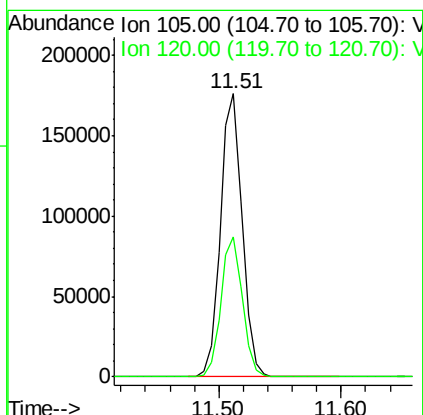
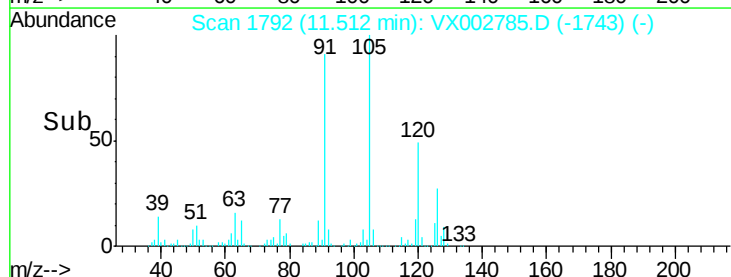
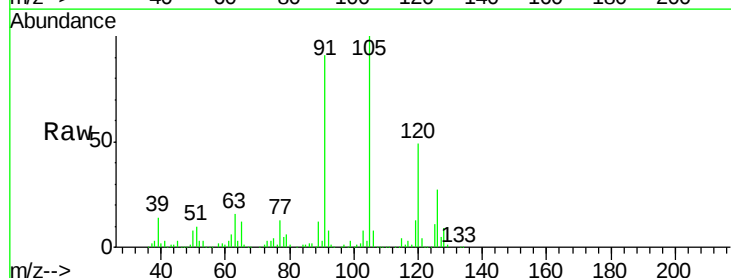
Acq: 21 Jun 2018 13:50

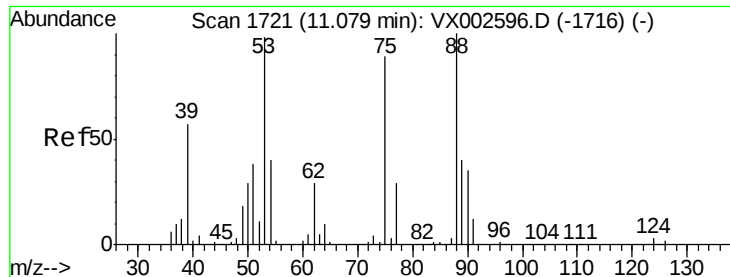
Tgt Ion: 105 Resp: 216834

Ion Ratio Lower Upper

105 100

120 48.9 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 19.33 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX002785.D

Acq: 21 Jun 2018 13:50

Instrument :

MSVOA_X

ClientSampleId :

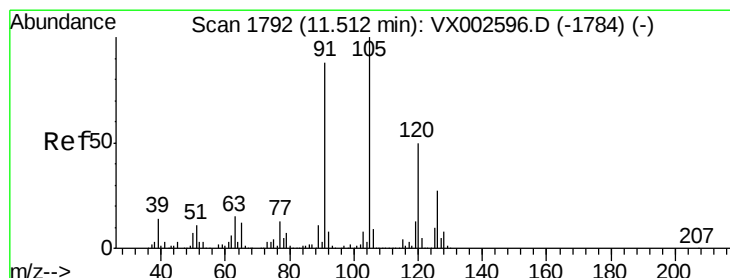
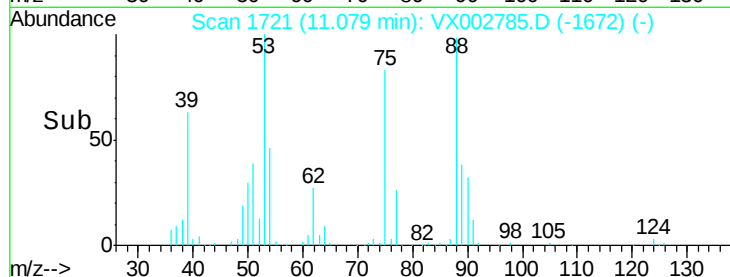
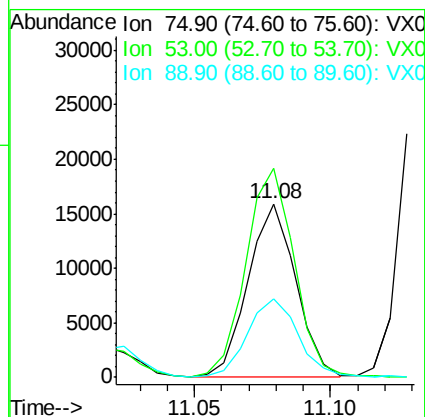
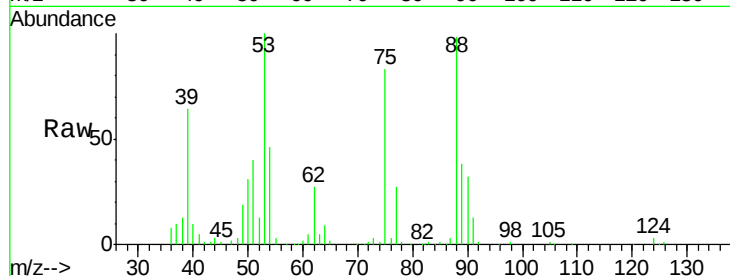
Tot Ion: 75 Resp: 19293

Ion Ratio Lower Upper

75 100

53 121.5 86.8 130.2

89 48.8 38.2 57.2



#82

4-Chlorotoluene

Concen: 19.26 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX002785.D

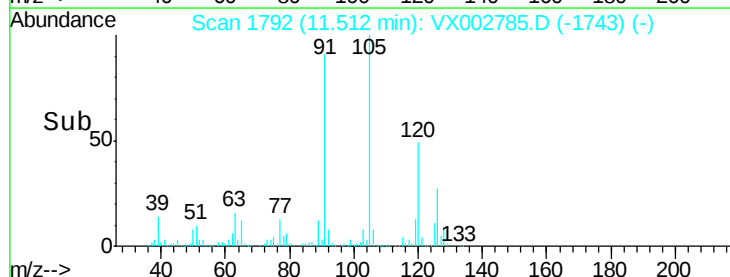
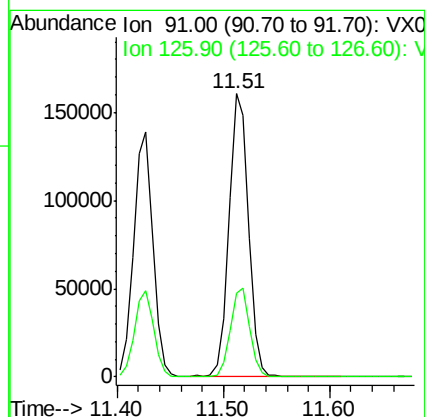
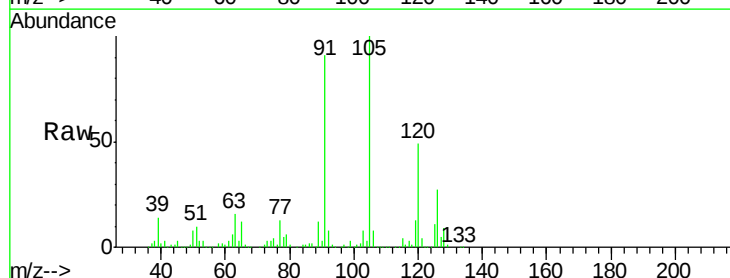
Acq: 21 Jun 2018 13:50

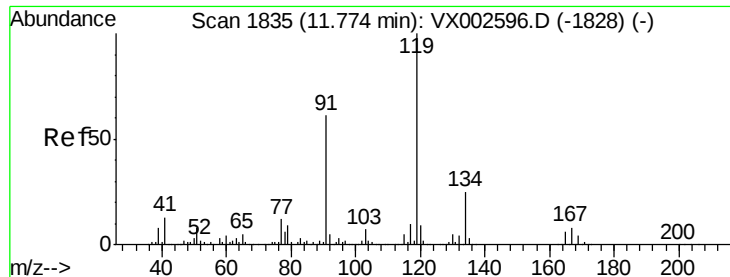
Tgt Ion: 91 Resp: 205975

Ion Ratio Lower Upper

91 100

126 31.2 15.4 46.4

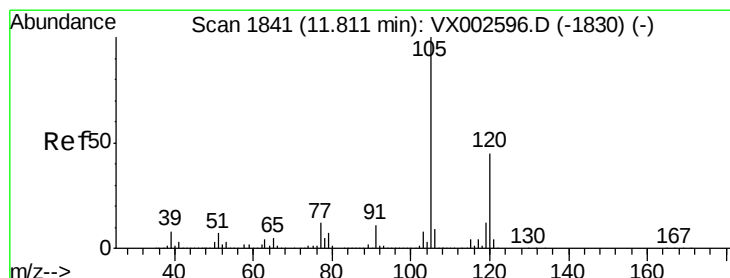
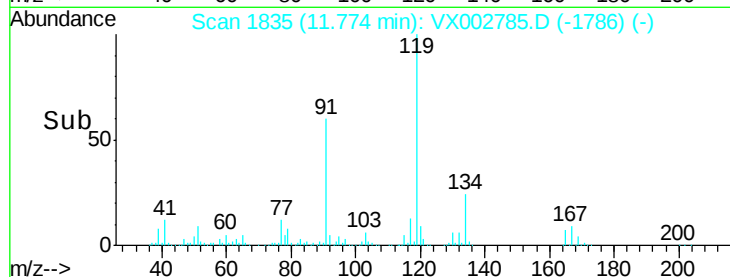
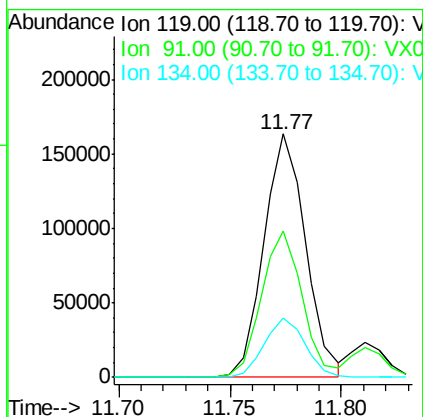
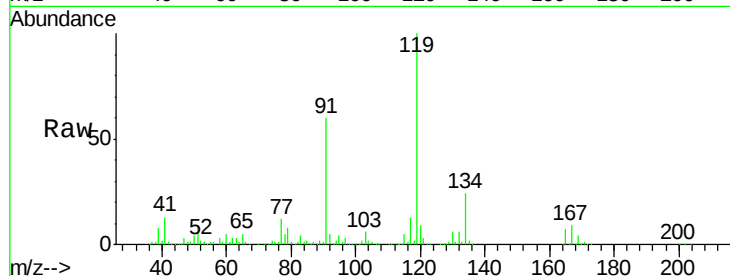




#83
tert-Butylbenzene
Concen: 19.69 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX002785.D
Acq: 21 Jun 2018 13:50

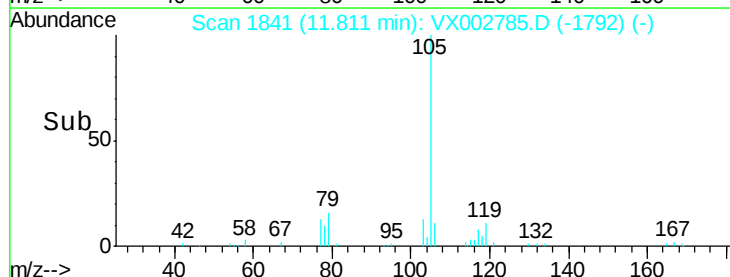
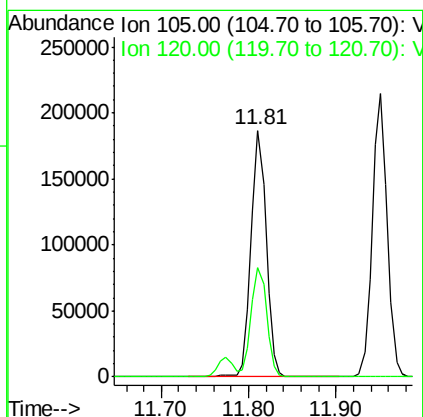
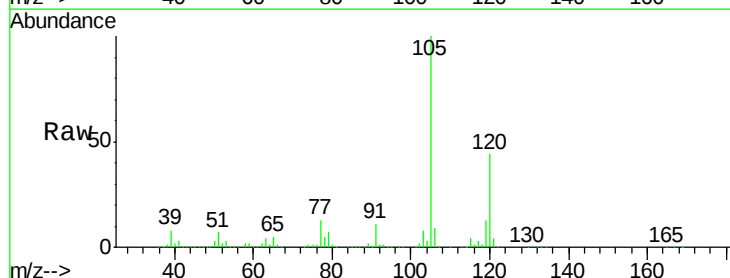
Instrument :
MSVOA_X
ClientSampled :

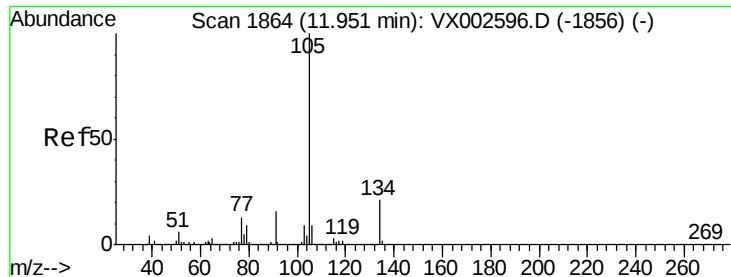
Tot Ion:119 Resp: 212150
Ion Ratio Lower Upper
119 100
91 58.9 30.3 90.9
134 24.2 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 19.55 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX002785.D
Acq: 21 Jun 2018 13:50

Tgt Ion:105 Resp: 223135
Ion Ratio Lower Upper
105 100
120 45.6 22.3 66.8





#85

sec-Butylbenzene

Concen: 19.22 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX002785.D

Acq: 21 Jun 2018 13:50

Instrument :

MSVOA_X

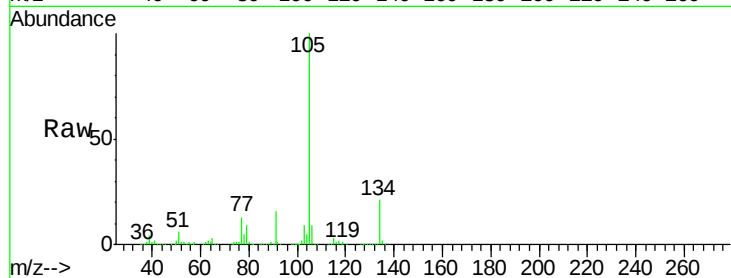
ClientSampleId :

Tot Ion:105 Resp: 257539

Ion Ratio Lower Upper

105 100

134 20.9 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

250000

200000

150000

100000

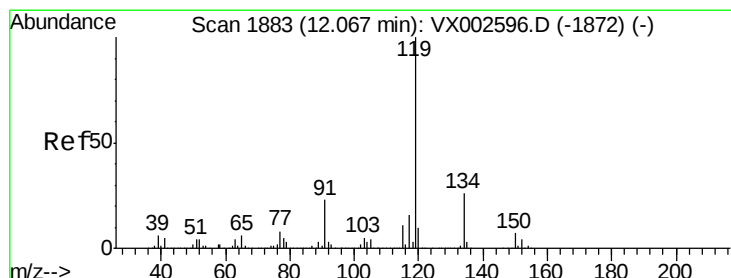
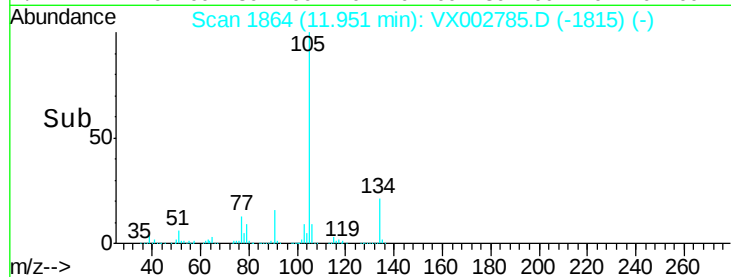
50000

0

11.90

12.00

Time-->



#86

p-Isopropyltoluene

Concen: 19.18 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX002785.D

Acq: 21 Jun 2018 13:50

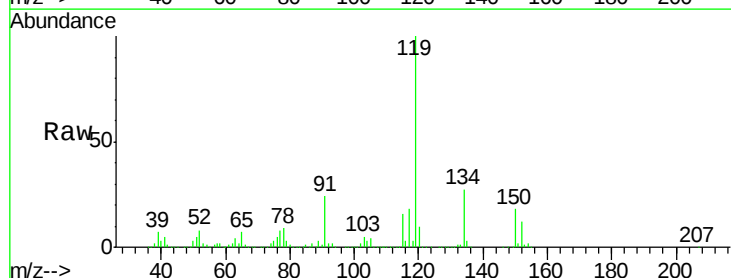
Tgt Ion:119 Resp: 232575

Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.1

91 24.1 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

250000

200000

150000

100000

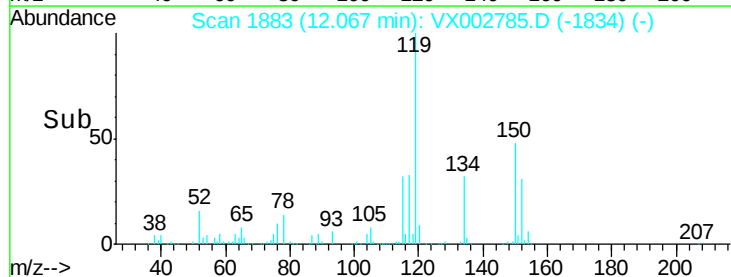
50000

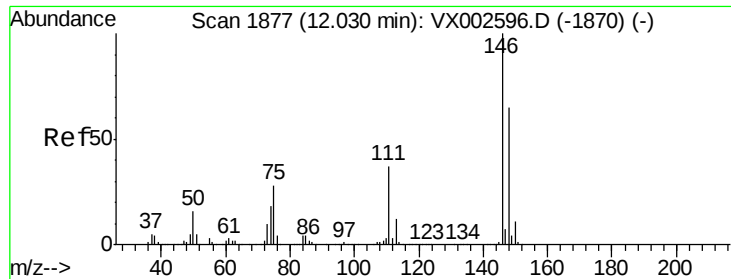
0

12.00

12.10

Time-->

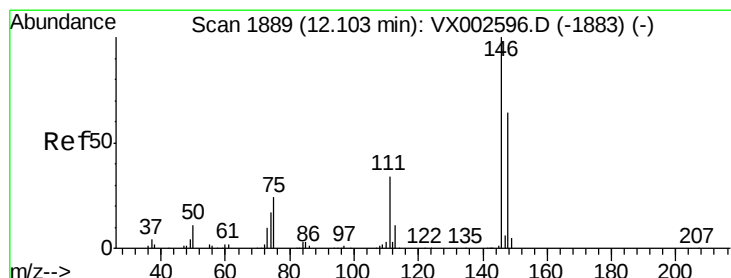
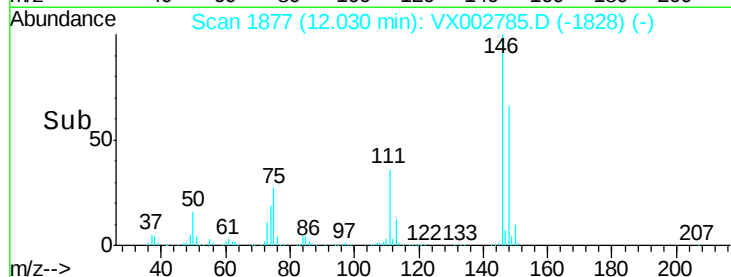
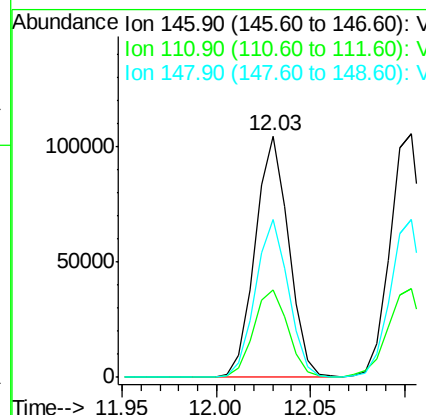
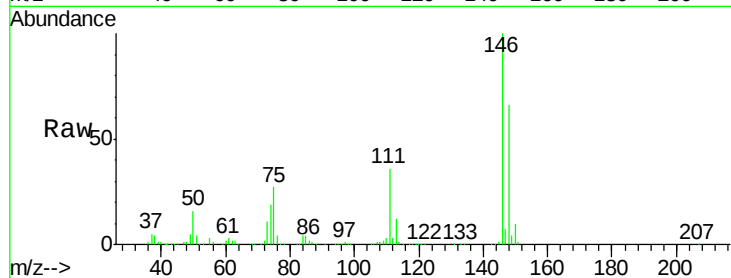




#87
 1,3-Dichlorobenzene
 Concen: 19.12 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX002785.D
 Acq: 21 Jun 2018 13:50

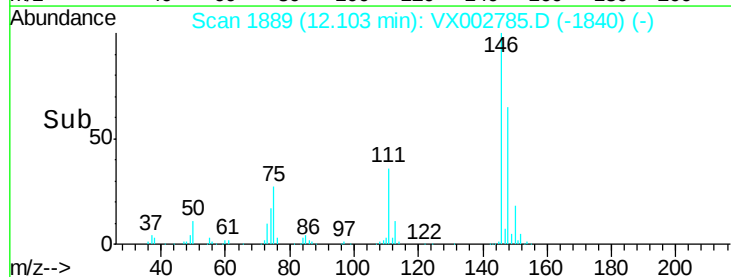
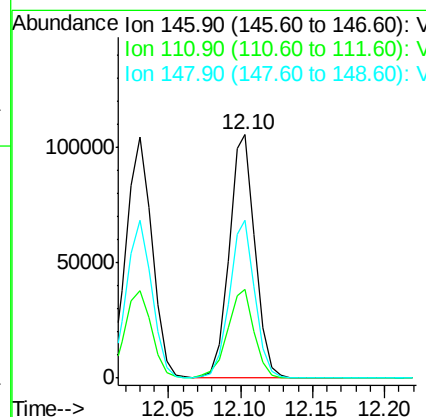
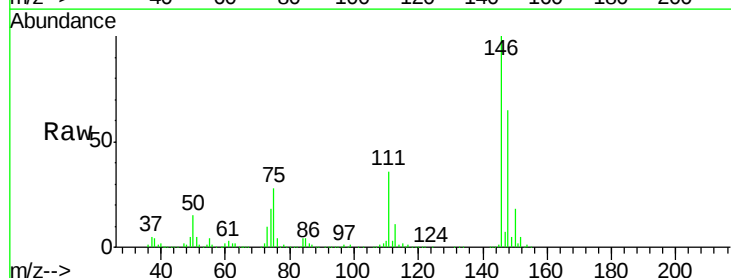
Instrument :
 MSVOA_X
 ClientSampled :

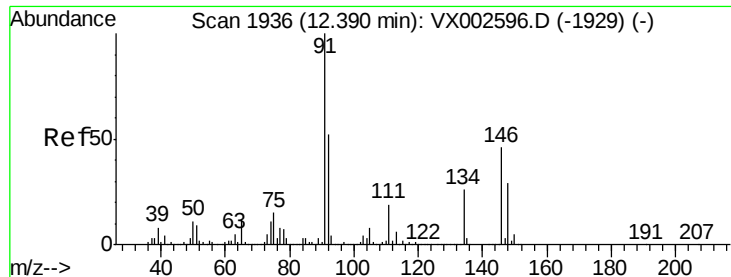
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.9	56.7
148	64.4	32.1	96.3



#88
 1,4-Dichlorobenzene
 Concen: 19.42 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX002785.D
 Acq: 21 Jun 2018 13:50

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.7	56.1
148	63.6	32.4	97.0





#89

n-Butylbenzene

Concen: 18.45 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX002785.D

Acq: 21 Jun 2018 13:50

Instrument :

MSVOA_X

ClientSampleId :

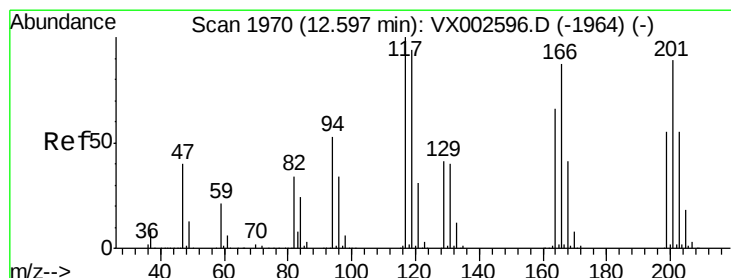
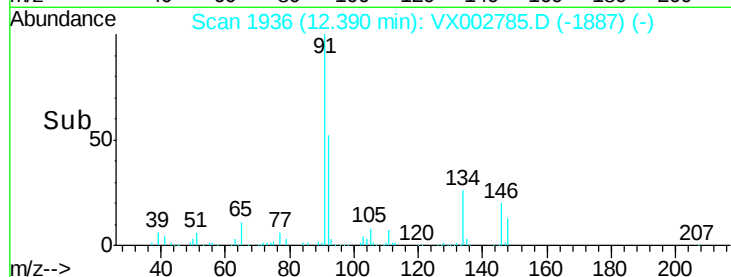
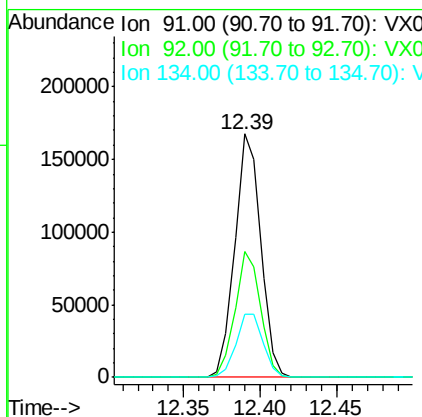
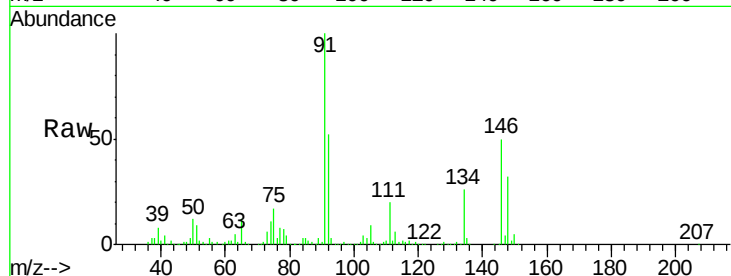
Tot Ion: 91 Resp: 197368

Ion Ratio Lower Upper

91 100

92 51.0 26.0 78.0

134 27.2 13.5 40.5



#90

Hexachloroethane

Concen: 18.81 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. 0.00 min

Lab File: VX002785.D

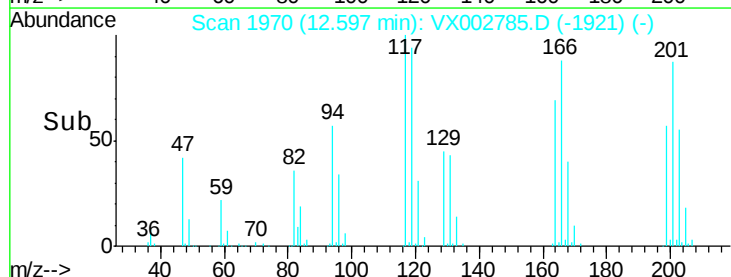
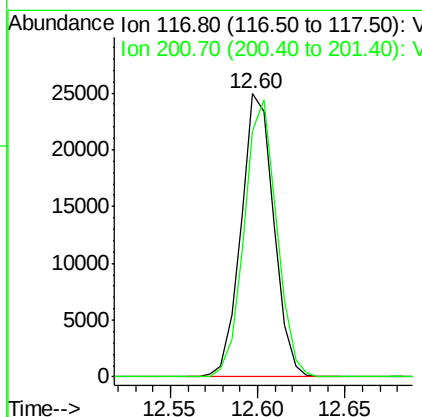
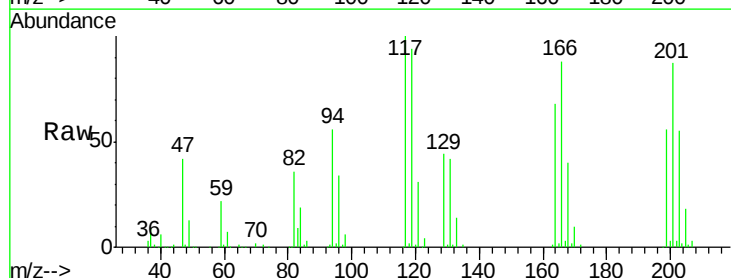
Acq: 21 Jun 2018 13:50

Tgt Ion: 117 Resp: 32287

Ion Ratio Lower Upper

117 100

201 96.7 49.0 147.0

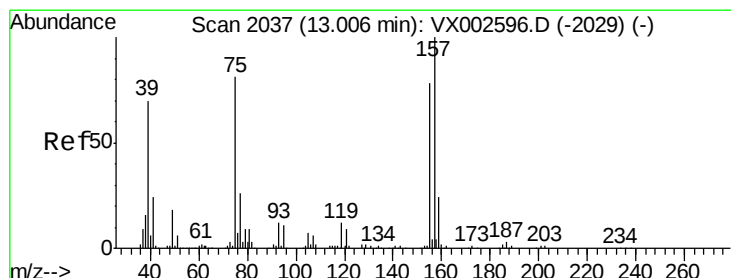
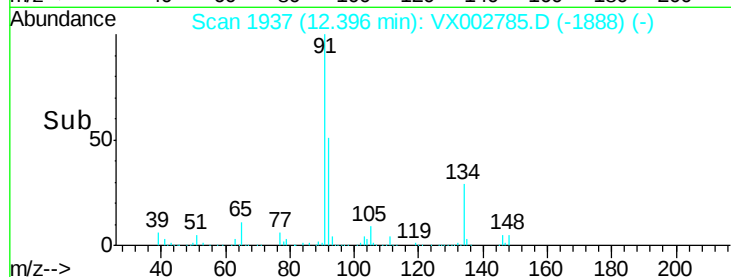
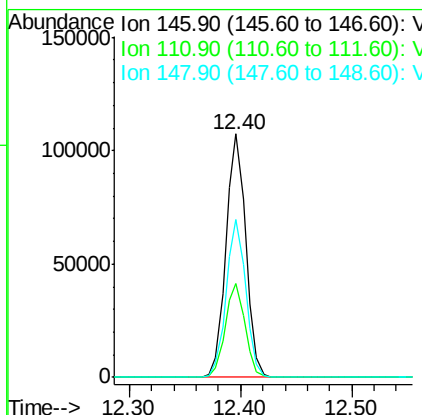
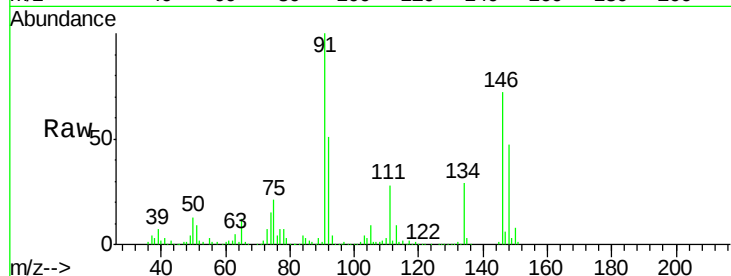




#91
 1,2-Dichlorobenzene
 Concen: 19.36 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX002785.D
 Acq: 21 Jun 2018 13:50

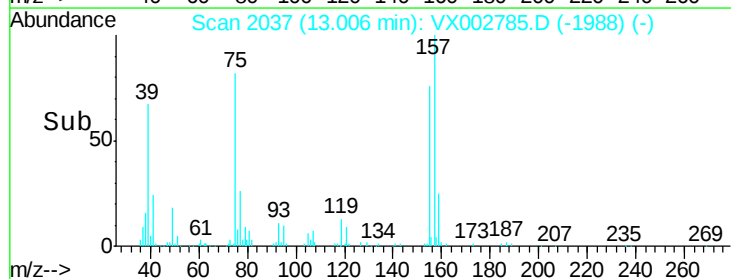
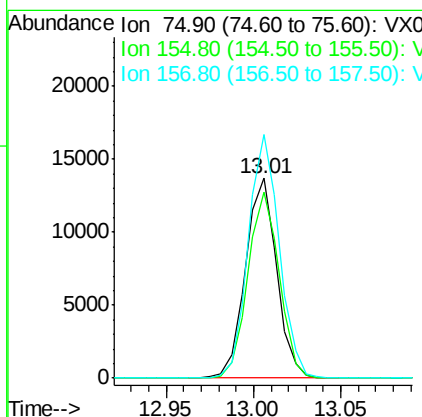
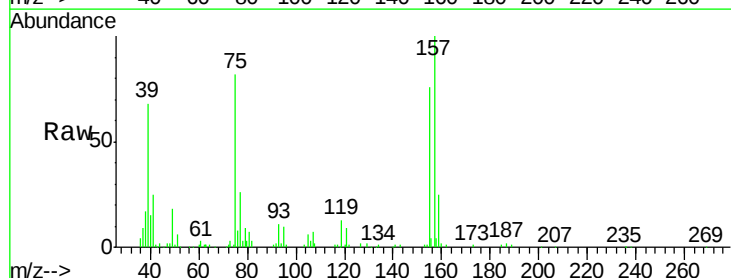
Instrument :
 MSVOA_X
 ClientSampleId :

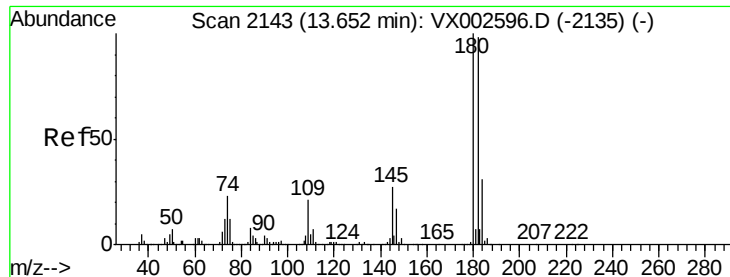
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.4	58.1
148	64.3	31.7	95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.71 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX002785.D
 Acq: 21 Jun 2018 13:50

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.1	45.8	137.4
157	120.9	60.1	180.3

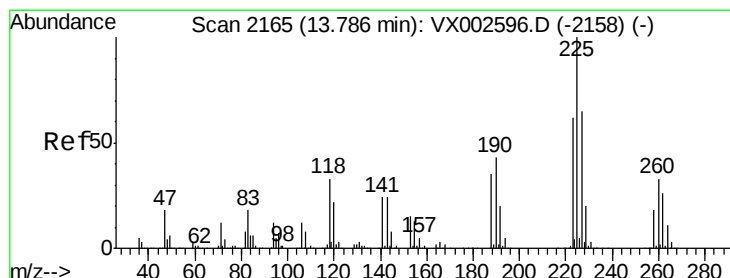
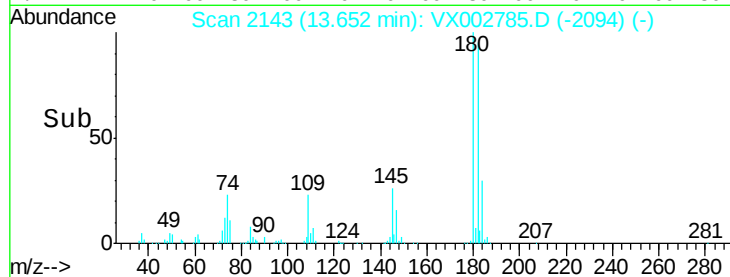
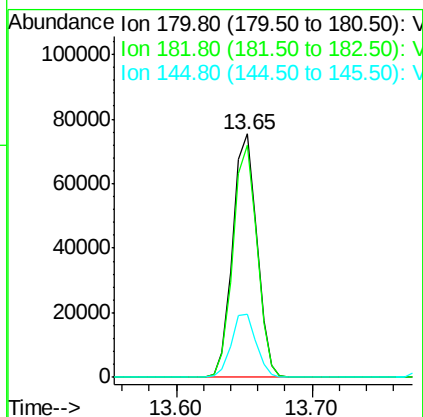
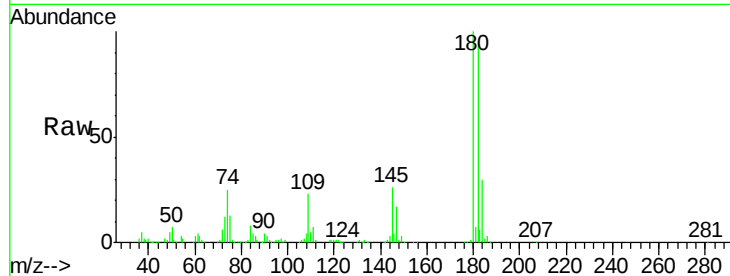




#93
 1,2,4-Trichlorobenzene
 Concen: 18.98 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX002785.D
 Acq: 21 Jun 2018 13:50

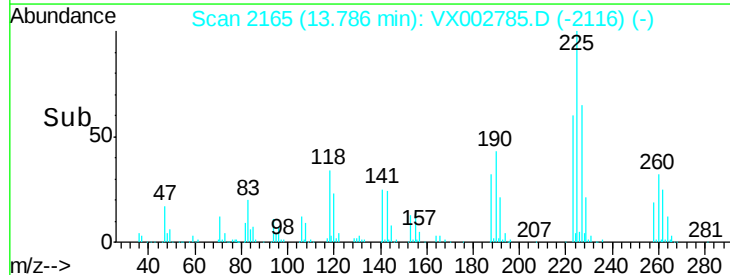
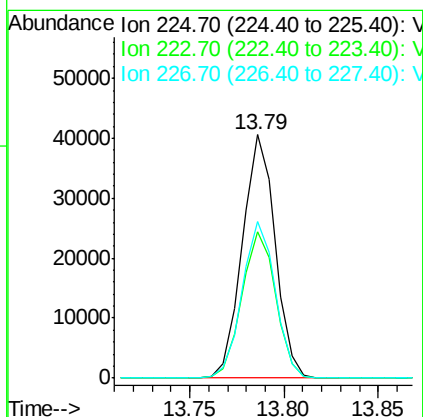
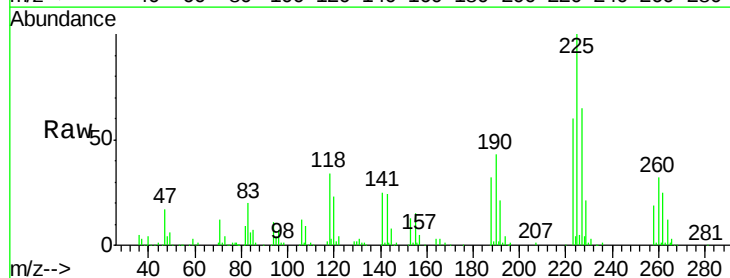
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:180 Resp: 93759
 Ion Ratio Lower Upper
 180 100
 182 94.7 47.7 143.1
 145 26.8 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 18.84 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX002785.D
 Acq: 21 Jun 2018 13:50

Tgt Ion:225 Resp: 49021
 Ion Ratio Lower Upper
 225 100
 223 61.7 31.6 95.0
 227 64.9 32.4 97.2

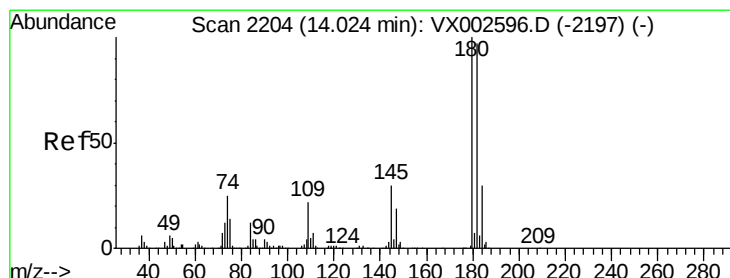
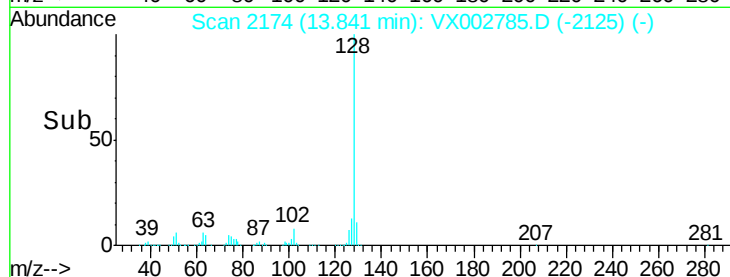
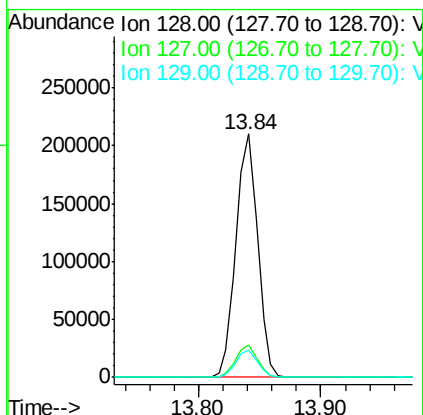
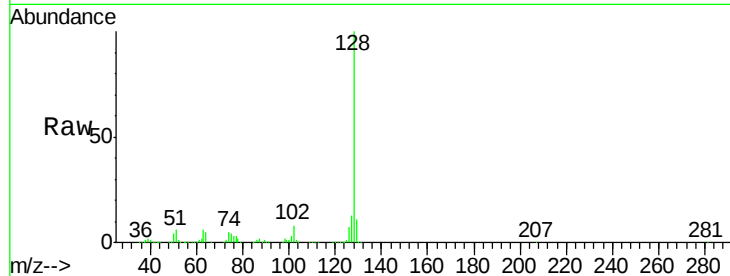




#95
Naphthalene
Concen: 19.36 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX002785.D
Acq: 21 Jun 2018 13:50

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:128 Resp: 257388
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 19.59 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX002785.D
Acq: 21 Jun 2018 13:50

Tgt Ion:180 Resp: 97172
Ion Ratio Lower Upper
180 100
182 95.0 48.0 144.0
145 29.3 14.8 44.3

