

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062618\
 Data File : VX002905.D
 Acq On : 26 Jun 2018 20:38
 Operator : JC/MD
 Sample : VX0626MBS02
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 27 02:41:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	252889	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	351907	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	336362	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	206419	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	176659	50.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.08%	
35) Dibromofluoromethane	5.51	113	137966	49.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.02%	
50) Toluene-d8	8.72	98	505305	49.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.30%	
62) 4-Bromofluorobenzene	11.14	95	190970	48.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	43855	19.24	ug/l	99
3) Chloromethane	1.32	50	47035	19.33	ug/l	99
4) Vinyl Chloride	1.40	62	54190	18.95	ug/l	93
5) Bromomethane	1.64	94	28013	19.31	ug/l	99
6) Chloroethane	1.72	64	35173	19.68	ug/l	98
7) Trichlorofluoromethane	1.93	101	94696	19.63	ug/l	100
8) Diethyl Ether	2.19	74	34371	19.60	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	52600	18.82	ug/l	99
10) Methyl Iodide	2.51	142	42620	19.39	ug/l	99
11) Tert butyl alcohol	3.08	59	77838	111.78	ug/l	99
12) 1,1-Dichloroethene	2.37	96	48499	19.45	ug/l	96
13) Acrolein	2.29	56	49783	131.01	ug/l	100
14) Allyl chloride	2.73	41	96936	19.72	ug/l	99
15) Acrylonitrile	3.15	53	154425	103.83	ug/l	99
16) Acetone	2.45	43	147990	102.23	ug/l	96
17) Carbon Disulfide	2.57	76	122605	18.45	ug/l	99
18) Methyl Acetate	2.78	43	90830	22.44	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	181934	20.29	ug/l	100
20) Methylene Chloride	2.86	84	55245	19.61	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	52430	19.30	ug/l	95
22) Diisopropyl ether	3.88	45	188665	20.08	ug/l	99
23) Vinyl Acetate	3.83	43	778542	97.84	ug/l	99
24) 1,1-Dichloroethane	3.70	63	100581	19.69	ug/l	100
25) 2-Butanone	4.71	43	223646	104.10	ug/l	98
26) 2,2-Dichloropropane	4.59	77	70645	17.01	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	59926	19.68	ug/l	99
28) Bromochloromethane	5.03	49	51999	21.27	ug/l	97
29) Tetrahydrofuran	5.17	42	141681	102.84	ug/l	98
30) Chloroform	5.22	83	105005	20.03	ug/l	99
31) Cyclohexane	5.58	56	84708	19.32	ug/l	95
32) 1,1,1-Trichloroethane	5.50	97	92135	19.98	ug/l	99
36) 1,1-Dichloropropene	5.80	75	72631	18.82	ug/l	98
37) Ethyl Acetate	4.87	43	83168	20.02	ug/l	98
38) Carbon Tetrachloride	5.79	117	81946	19.35	ug/l	99

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 Misc : 5.00µl/10mL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 27 02:41:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	83455	18.57	ug/l	98
40) Benzene	6.15	78	222029	19.80	ug/l	99
41) Methacrylonitrile	5.07	41	47669	19.92	ug/l	97
42) 1,2-Dichloroethane	6.20	62	88120	19.45	ug/l	100
43) Isopropyl Acetate	6.47	43	136666	19.61	ug/l	100
44) Trichloroethene	7.22	130	64156	19.19	ug/l	99
45) 1,2-Dichloropropane	7.52	63	58598	19.70	ug/l	99
46) Dibromomethane	7.66	93	41020	19.87	ug/l	98
47) Bromodichloromethane	7.90	83	75474	19.78	ug/l	98
48) Methyl methacrylate	7.78	41	72091	20.08	ug/l	99
49) 1,4-Dioxane	7.76	88	29005	415.20	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	452141	103.70	ug/l	99
52) Toluene	8.79	92	142711	19.87	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	83210	19.25	ug/l	96
54) cis-1,3-Dichloropropene	9.04	75	76297	18.35	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	59027	20.00	ug/l	97
56) Ethyl methacrylate	9.18	69	85025	19.71	ug/l	97
57) 1,3-Dichloropropane	9.38	76	97939	20.20	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	211619	101.68	ug/l	99
59) 2-Hexanone	9.50	43	344760	104.04	ug/l	99
60) Dibromochloromethane	9.59	129	61034	19.64	ug/l	100
61) 1,2-Dibromoethane	9.68	107	62098	20.06	ug/l	100
64) Tetrachloroethene	9.34	164	73186	19.57	ug/l	97
65) Chlorobenzene	10.14	112	164786	19.29	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	61119	19.69	ug/l	100
67) Ethyl Benzene	10.26	91	277879	19.69	ug/l	97
68) m/p-Xylenes	10.36	106	215443	39.61	ug/l	100
69) o-Xylene	10.70	106	105026	19.83	ug/l	99
70) Styrene	10.71	104	170302	19.79	ug/l	99
71) Bromoform	10.86	173	46113	19.06	ug/l	# 99
73) Isopropylbenzene	11.02	105	285555	20.56	ug/l	100
74) N-amyl acetate	6.47	43	136666	20.11	ug/l	# 100
75) 1,1,2,2-Tetrachloroethane	11.27	83	89317	20.88	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	95469	25.53	ug/l	81
77) Bromobenzene	11.26	156	79520	20.11	ug/l	98
78) n-propylbenzene	11.37	91	322276	20.39	ug/l	100
79) 2-Chlorotoluene	11.42	91	193558	20.23	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	242905	20.77	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	19891	17.76	ug/l	89
82) 4-Chlorotoluene	11.51	91	227500	20.08	ug/l	100
83) tert-Butylbenzene	11.77	119	236877	20.55	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	249667	20.60	ug/l	99
85) sec-Butylbenzene	11.95	105	285350	20.41	ug/l	99
86) p-Isopropyltoluene	12.07	119	253963	20.20	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	144309	19.98	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	146995	19.78	ug/l	100
89) n-Butylbenzene	12.39	91	212798	19.45	ug/l	99
90) Hexachloroethane	12.60	117	34644	18.53	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	144310	19.80	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	18592	19.33	ug/l	98

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ALS Vial : 18 Sample Multiplier: 1

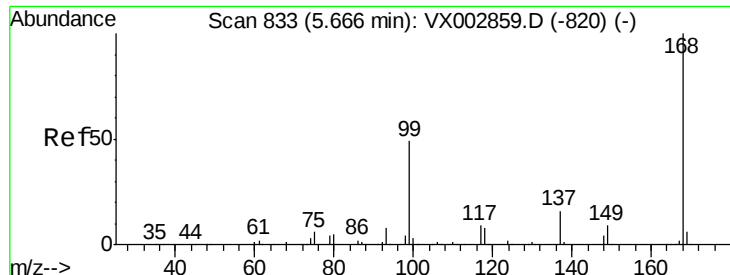
Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 27 02:41:08 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	104698	19.73	ug/l	99
94) Hexachlorobutadiene	13.79	225	49909	18.86	ug/l	98
95) Naphthalene	13.84	128	289276	20.47	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	106083	20.02	ug/l	99

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

Page: 4



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX002905.D

Acq: 26 Jun 2018 20:38

Instrument :

MSVOA_X

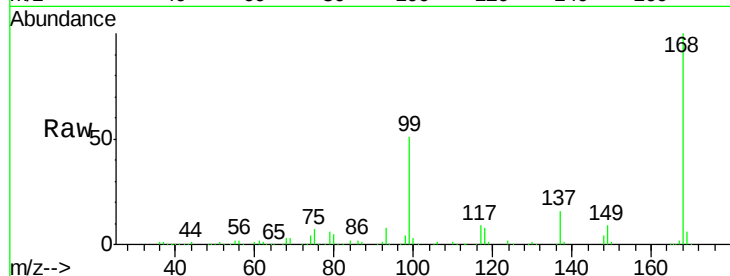
ClientSampleId :

Tot Ion:168 Resp: 252889

Ion Ratio Lower Upper

168 100

99 51.2 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

100000

80000

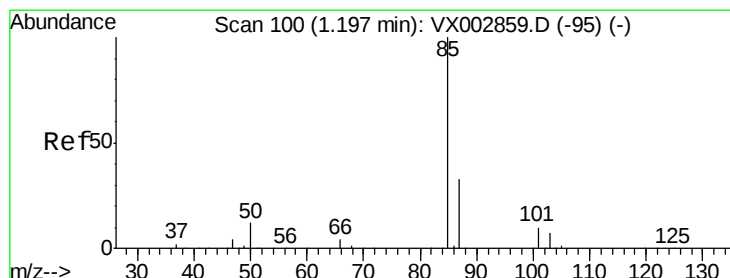
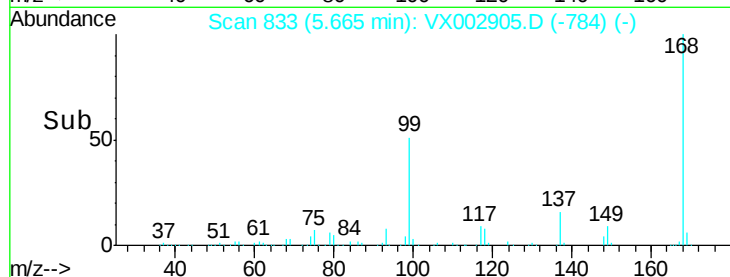
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 19.24 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002905.D

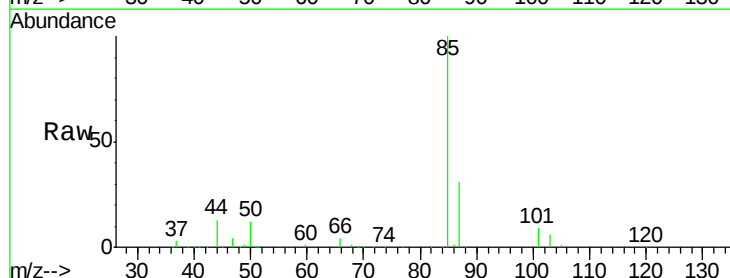
Acq: 26 Jun 2018 20:38

Tgt Ion: 85 Resp: 43855

Ion Ratio Lower Upper

85 100

87 31.3 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

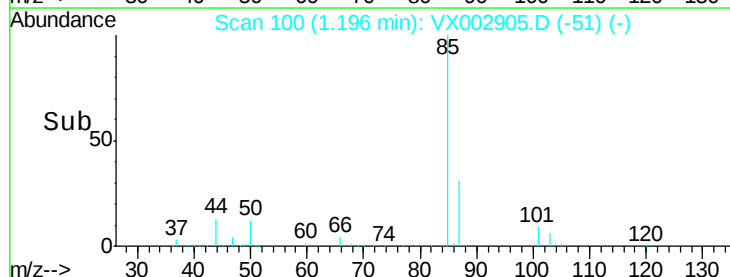
30000

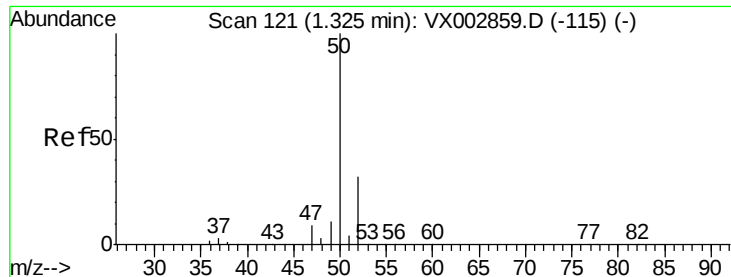
20000

10000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 19.33 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002905.D

Acq: 26 Jun 2018 20:38

Instrument :

MSVOA_X

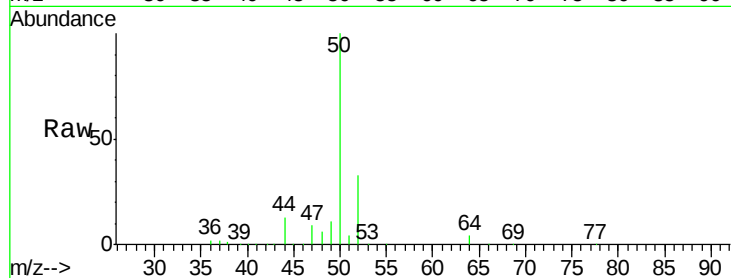
ClientSampleId :

Tot Ion: 50 Resp: 47035

Ion Ratio Lower Upper

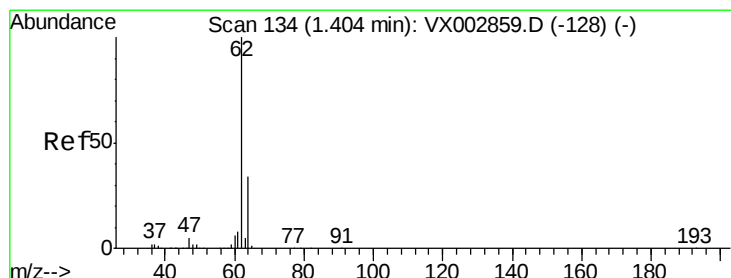
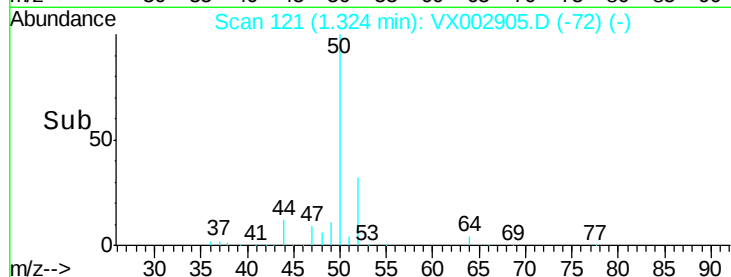
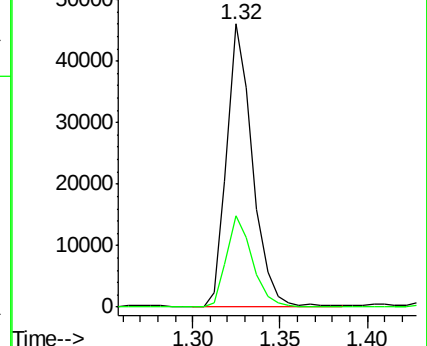
50 100

52 32.5 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: 18.95 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX002905.D

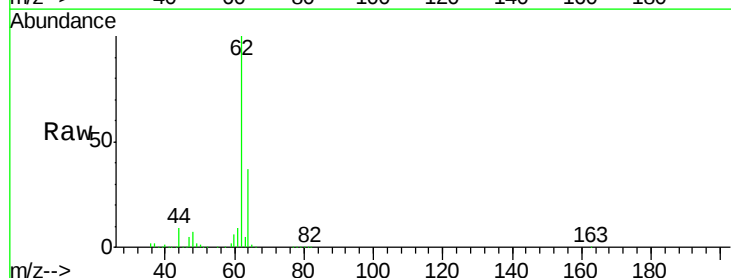
Acq: 26 Jun 2018 20:38

Tgt Ion: 62 Resp: 54190

Ion Ratio Lower Upper

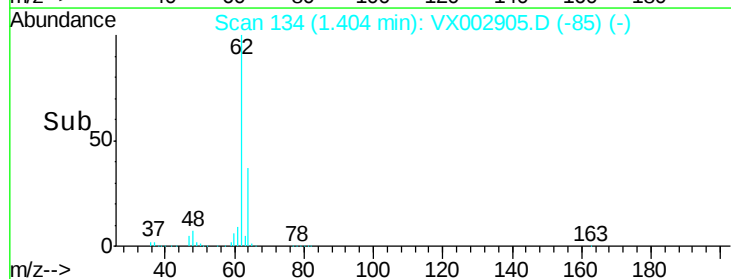
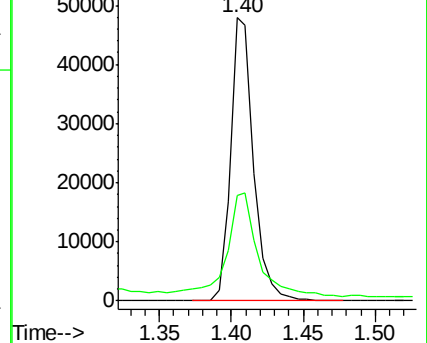
62 100

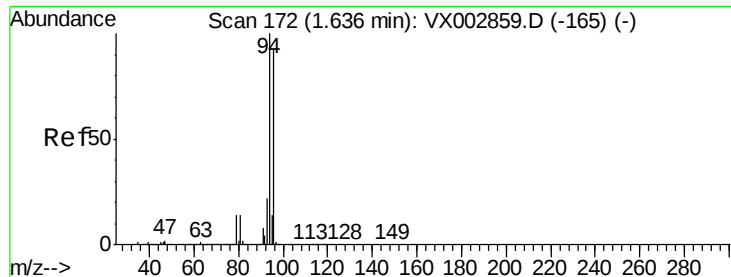
64 35.7 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 19.31 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002905.D

Acq: 26 Jun 2018 20:38

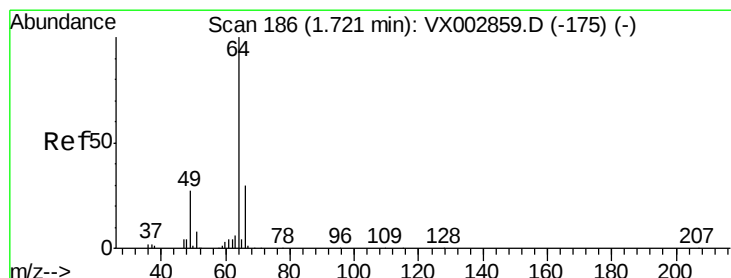
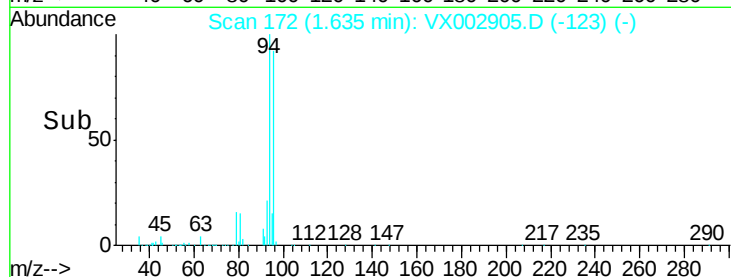
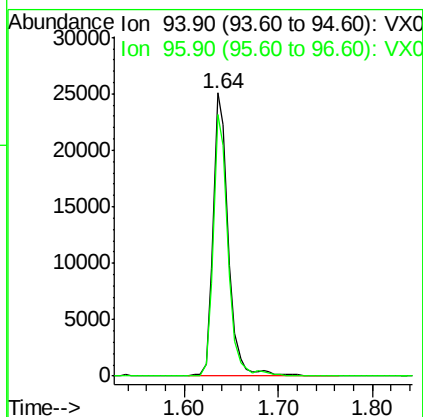
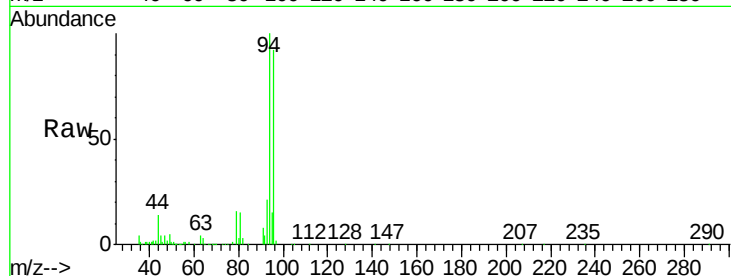
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 94 Resp: 28013

Ion Ratio Lower Upper

94 100

96 92.3 74.9 112.3



#6

Chloroethane

Concen: 19.68 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.00 min

Lab File: VX002905.D

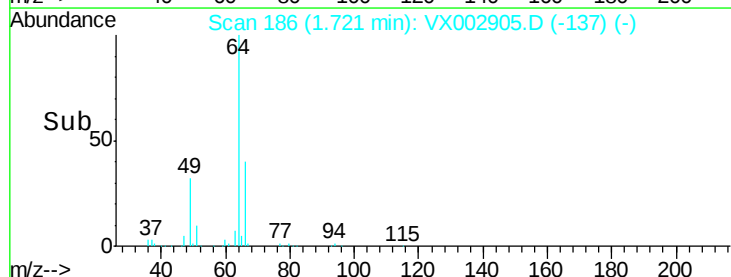
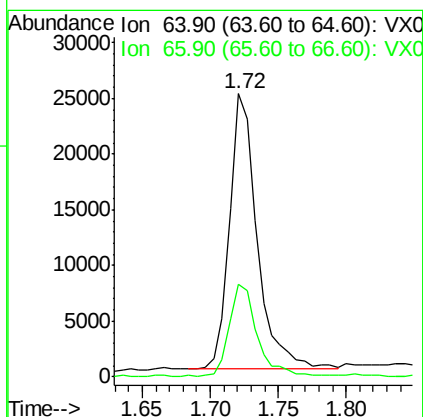
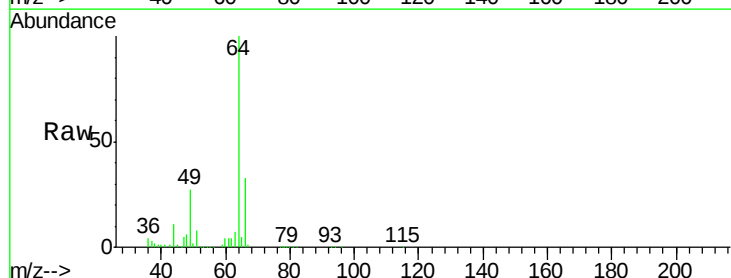
Acq: 26 Jun 2018 20:38

Tgt Ion: 64 Resp: 35173

Ion Ratio Lower Upper

64 100

66 33.1 25.5 38.3



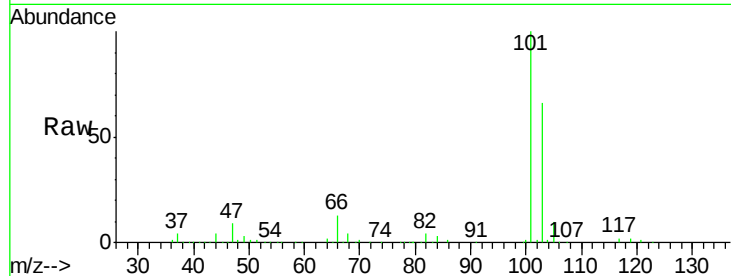


#7

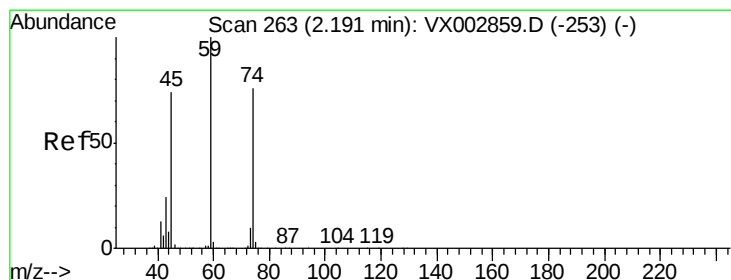
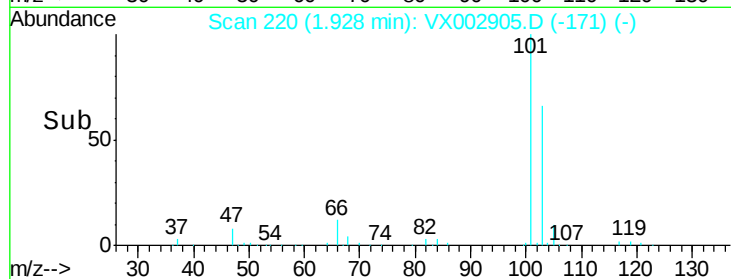
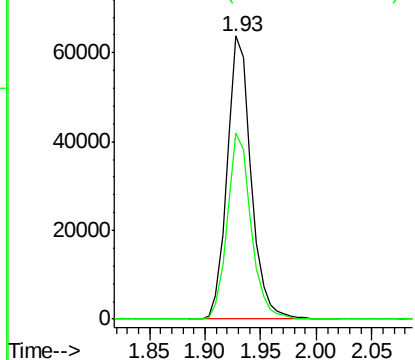
Trichlorofluoromethane
Concen: 19.63 ug/l
RT: 1.93 min Scan# 220
Delta R.T. -0.00 min
Lab File: VX002905.D
Acq: 26 Jun 2018 20:38

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:101 Resp: 94696
Ion Ratio Lower Upper
101 100
103 65.7 52.8 79.2



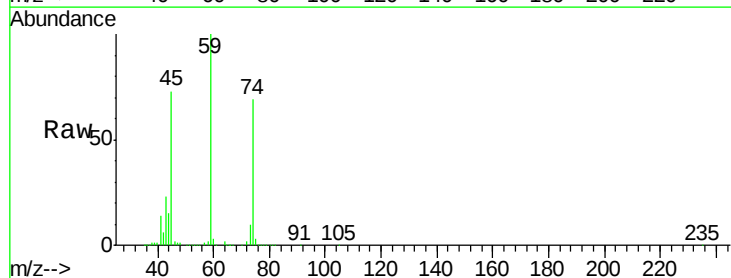
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



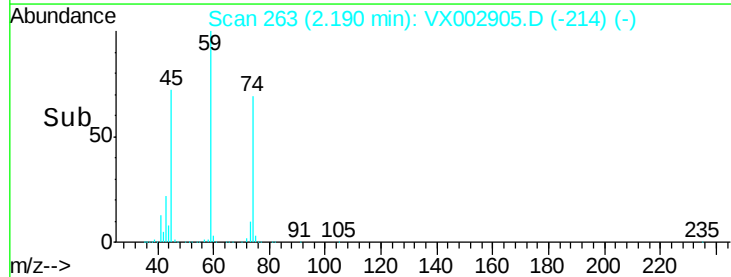
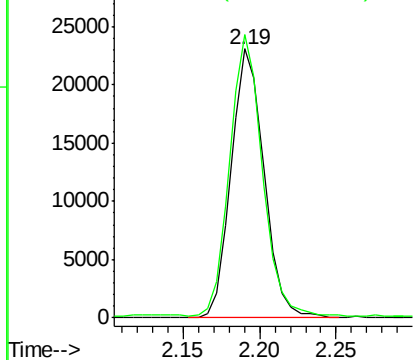
#8

Diethyl Ether
Concen: 19.60 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX002905.D
Acq: 26 Jun 2018 20:38

Tgt Ion: 74 Resp: 34371
Ion Ratio Lower Upper
74 100
45 104.2 53.1 159.4



Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.82 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX002905.D

Acq: 26 Jun 2018 20:38

Instrument :

MSVOA_X

ClientSampleId :

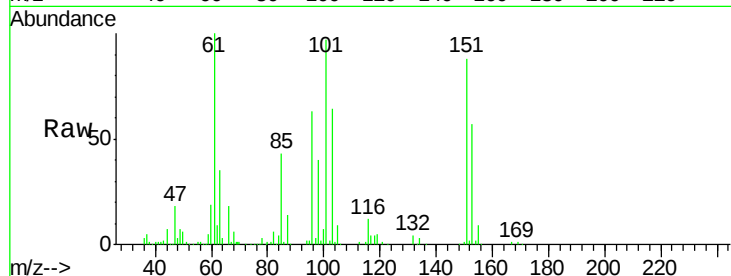
Tot Ion:101 Resp: 52600

Ion Ratio Lower Upper

101 100

85 45.1 36.0 54.0

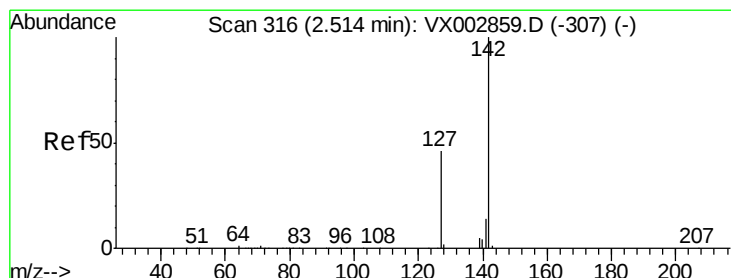
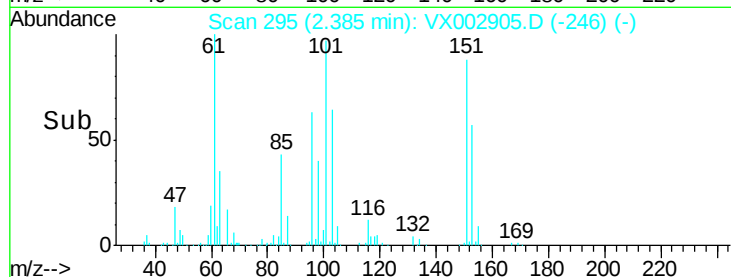
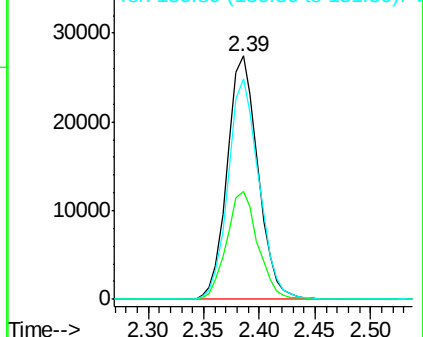
151 90.6 70.9 106.3



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: 19.39 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX002905.D

Acq: 26 Jun 2018 20:38

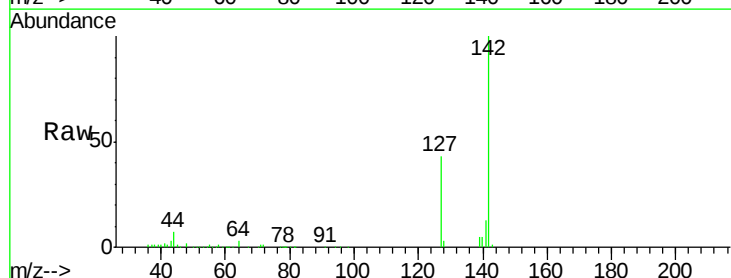
Tgt Ion:142 Resp: 42620

Ion Ratio Lower Upper

142 100

127 44.7 36.6 55.0

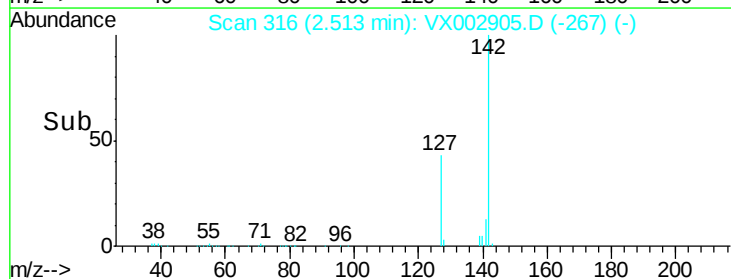
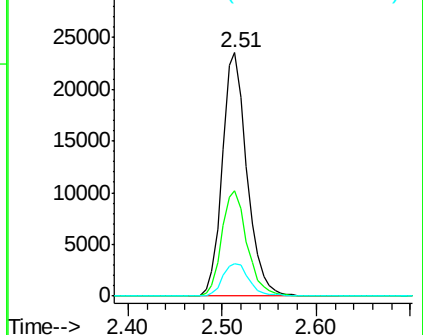
141 14.2 11.3 16.9

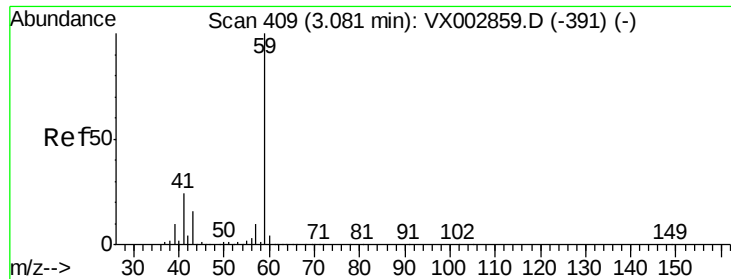


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

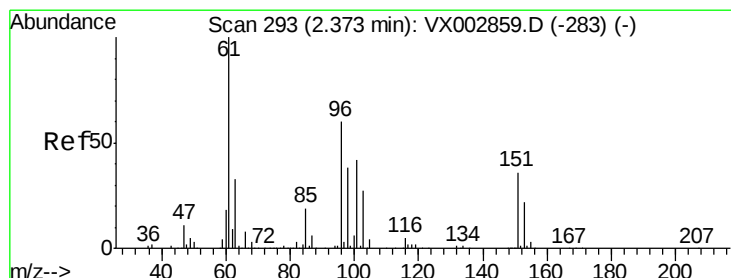
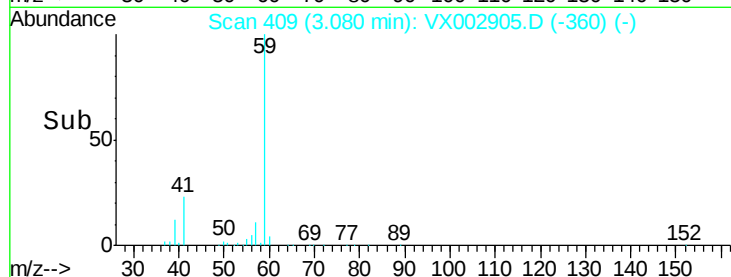
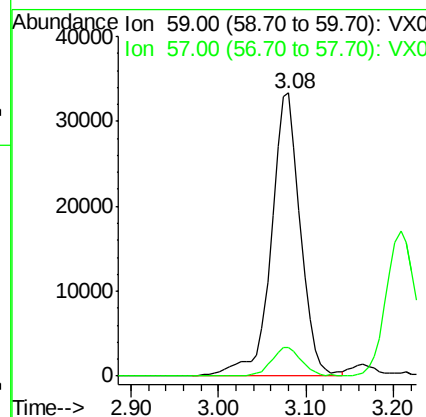
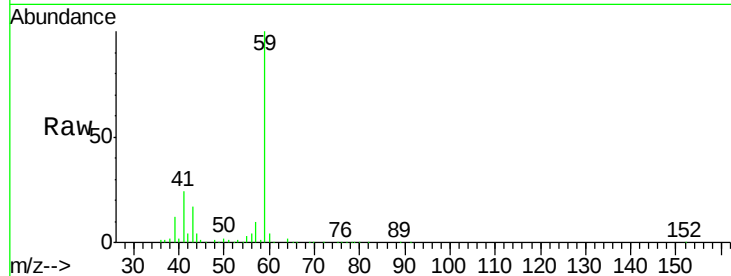




#11
Tert butyl alcohol
Concen: 111.78 ug/l
RT: 3.08 min Scan# 409
Delta R.T. -0.00 min
Lab File: VX002905.D
Acq: 26 Jun 2018 20:38

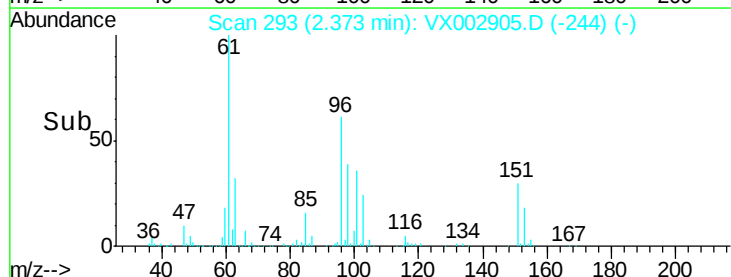
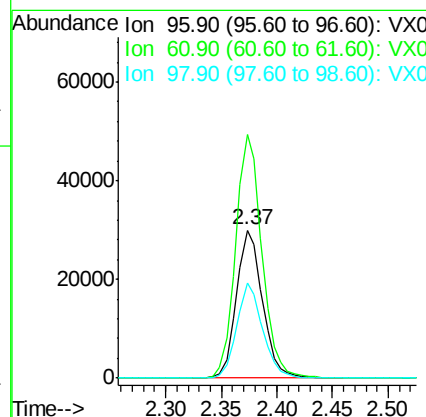
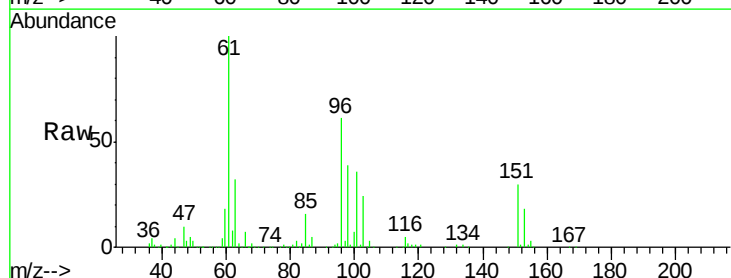
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 59 Resp: 77838
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.2



#12
1,1-Dichloroethene
Concen: 19.45 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX002905.D
Acq: 26 Jun 2018 20:38

Tgt Ion: 96 Resp: 48499
Ion Ratio Lower Upper
96 100
61 164.9 137.9 206.9
98 64.8 51.6 77.4





#13

Acrolein

Concen: 131.01 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX002905.D

Acq: 26 Jun 2018 20:38

Instrument :

MSVOA_X

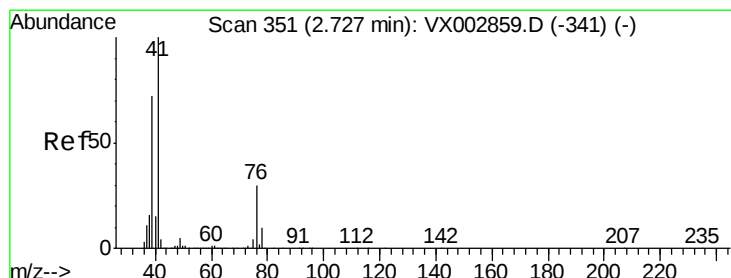
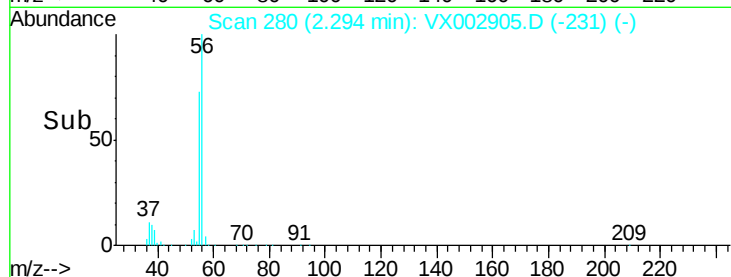
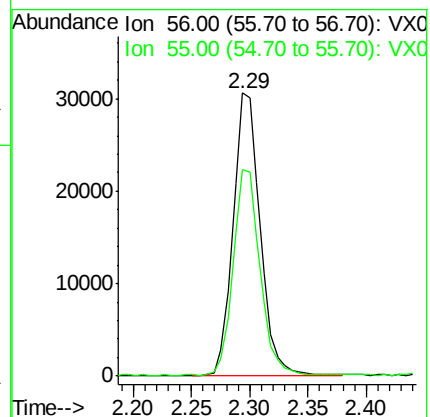
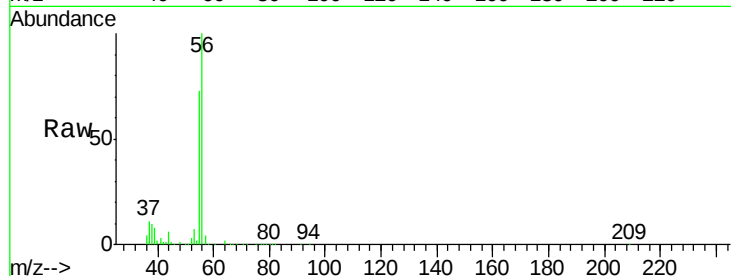
ClientSampleId :

Tot Ion: 56 Resp: 49783

Ion Ratio Lower Upper

56 100

55 71.5 57.0 85.4



#14

Allyl chloride

Concen: 19.72 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002905.D

Acq: 26 Jun 2018 20:38

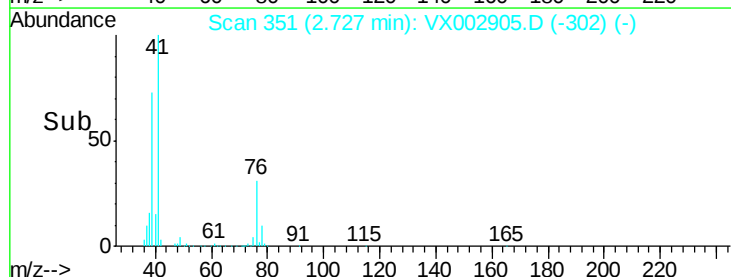
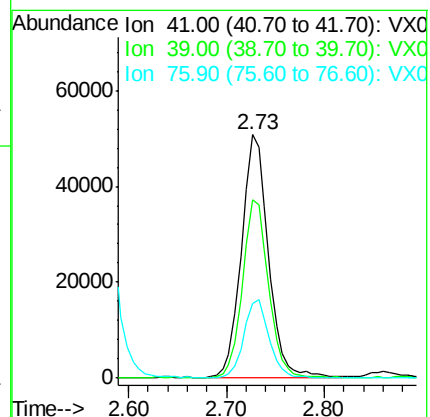
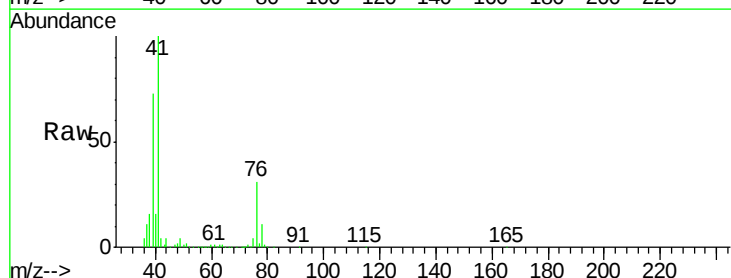
Tgt Ion: 41 Resp: 96936

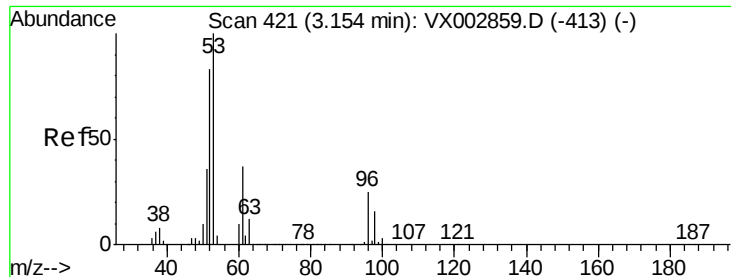
Ion Ratio Lower Upper

41 100

39 70.2 56.8 85.2

76 30.2 23.8 35.8





#15

Acrylonitrile

Concen: 103.83 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX002905.D

Acq: 26 Jun 2018 20:38

Instrument :

MSVOA_X

ClientSampled :

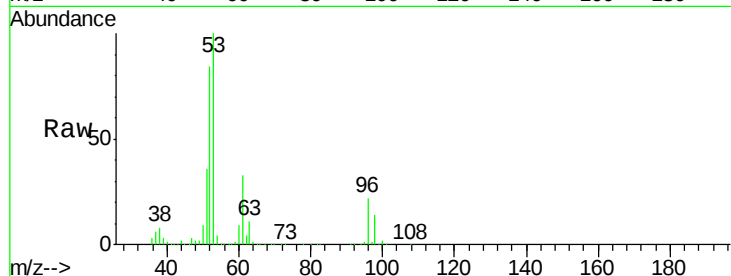
Tot Ion: 53 Resp: 154425

Ion Ratio Lower Upper

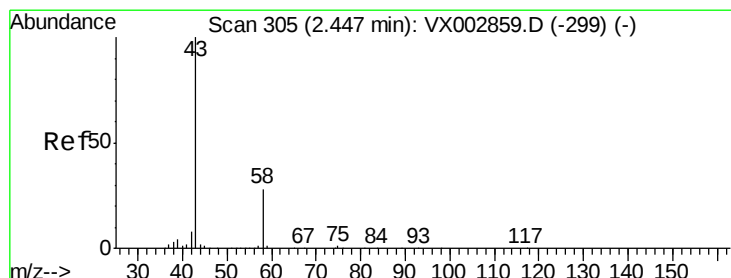
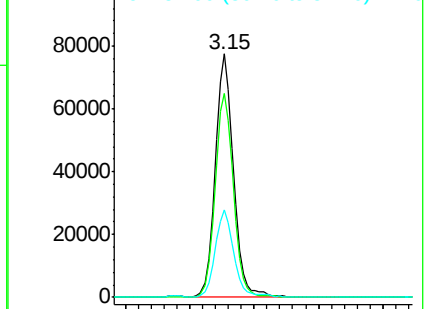
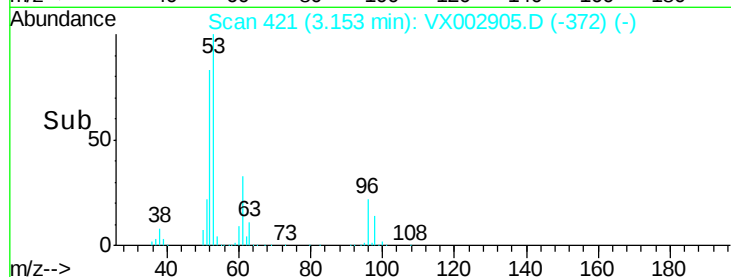
53 100

52 83.9 66.7 100.1

51 37.1 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VX002905.D (-372) (-)



#16

Acetone

Concen: 102.23 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.00 min

Lab File: VX002905.D

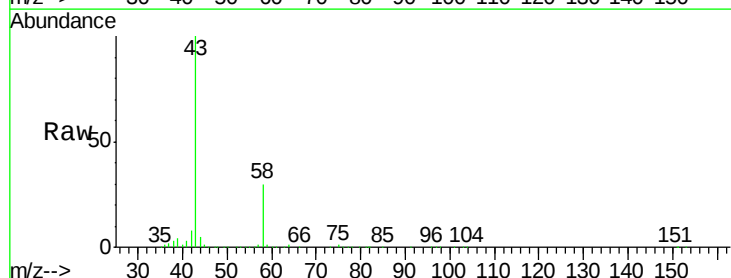
Acq: 26 Jun 2018 20:38

Tgt Ion: 43 Resp: 147990

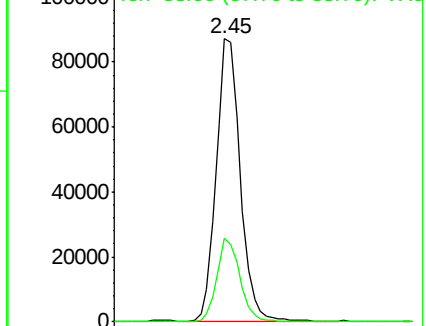
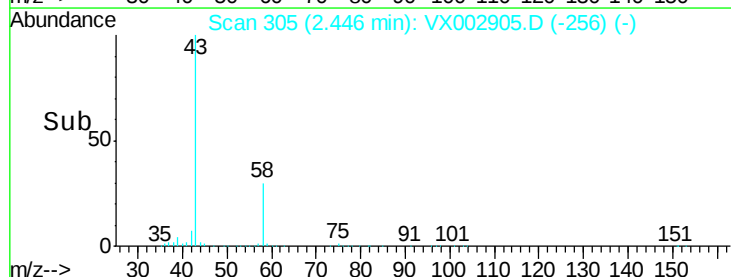
Ion Ratio Lower Upper

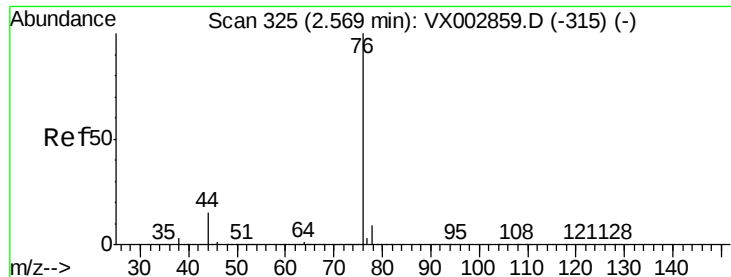
43 100

58 29.5 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX002905.D (-256) (-)

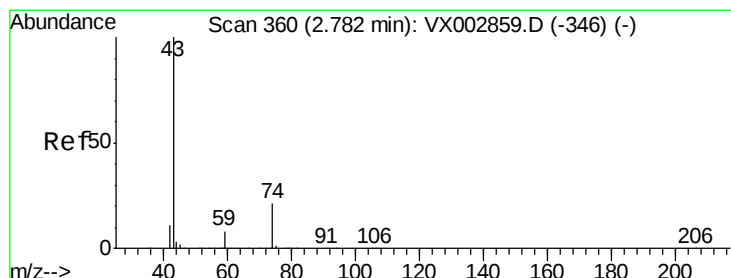
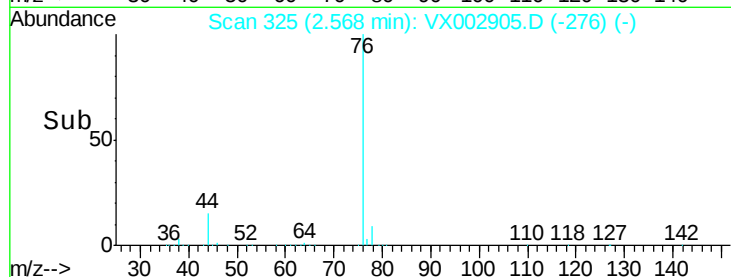
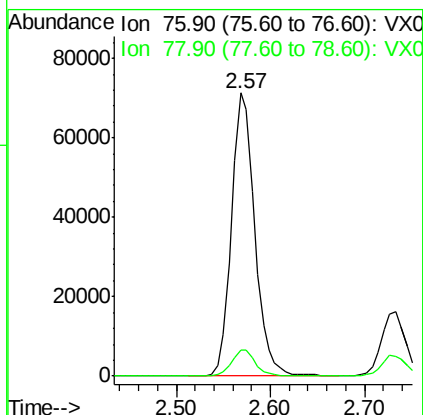
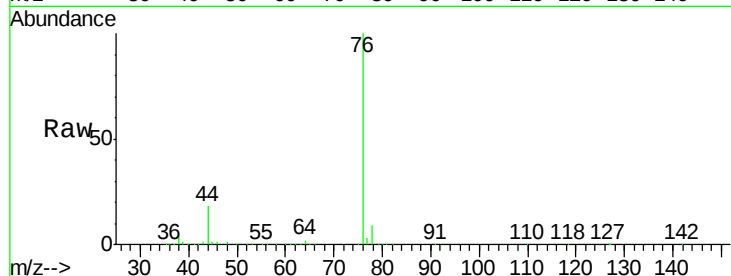




#17
Carbon Disulfide
Concen: 18.45 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX002905.D
Acq: 26 Jun 2018 20:38

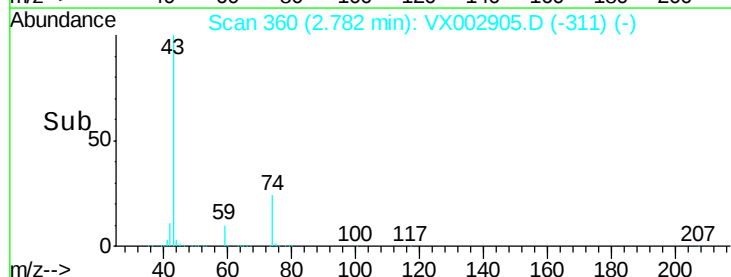
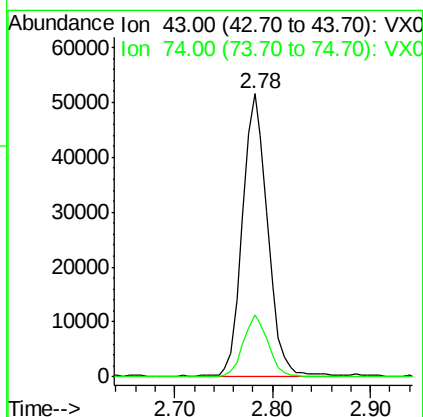
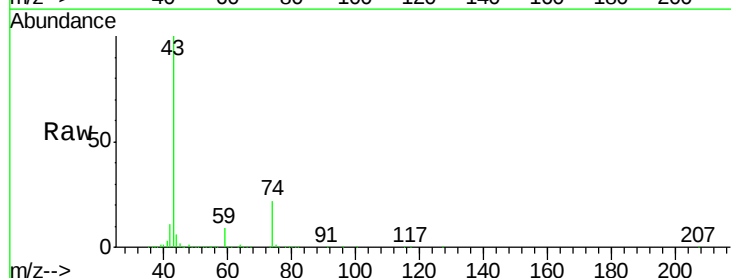
Instrument :
MSVOA_X
ClientSampleId :

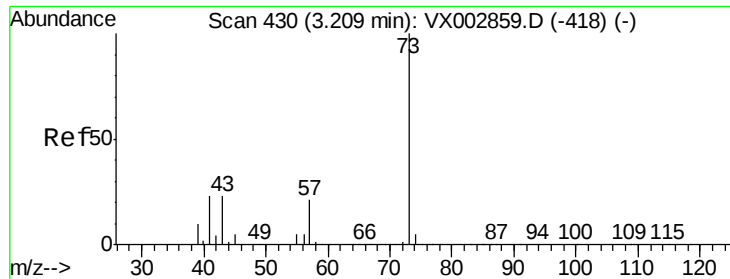
Tot Ion: 76 Resp: 122605
Ion Ratio Lower Upper
76 100
78 9.0 6.9 10.3



#18
Methyl Acetate
Concen: 22.44 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX002905.D
Acq: 26 Jun 2018 20:38

Tgt Ion: 43 Resp: 90830
Ion Ratio Lower Upper
43 100
74 22.4 16.7 25.1

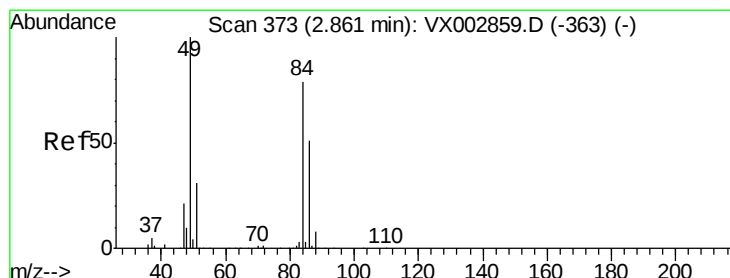
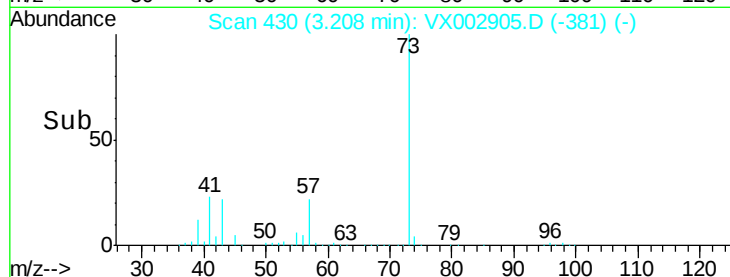
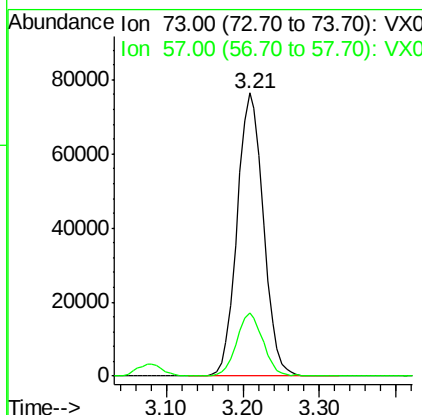
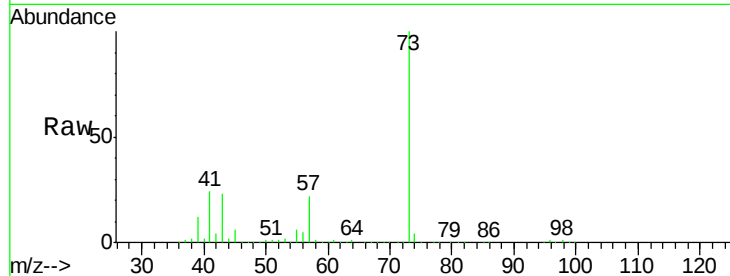




#19
Methvl tert-butvl Ether
Concen: 20.29 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.00 min
Lab File: VX002905.D
Acq: 26 Jun 2018 20:38

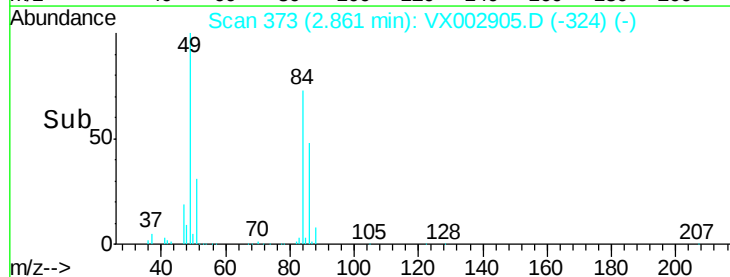
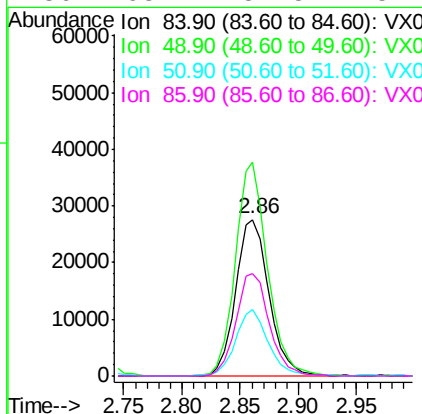
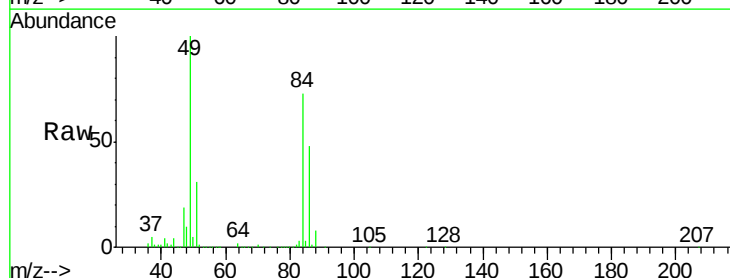
Instrument :
MSVOA_X
ClientSampleId :

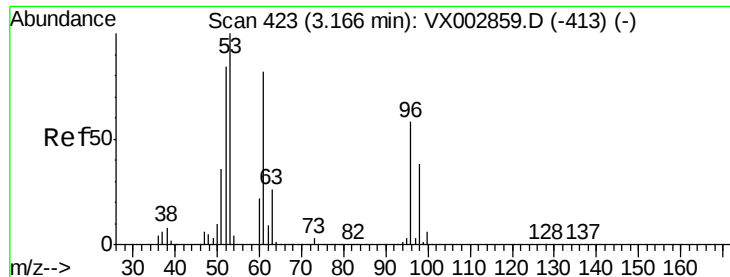
Tot Ion: 73 Resp: 181934
Ion Ratio Lower Upper
73 100
57 22.3 17.7 26.5



#20
Methylene Chloride
Concen: 19.61 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX002905.D
Acq: 26 Jun 2018 20:38

Tgt Ion: 84 Resp: 55245
Ion Ratio Lower Upper
84 100
49 136.1 107.8 161.6
51 42.3 32.8 49.2
86 65.7 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 19.30 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002905.D

Acq: 26 Jun 2018 20:38

Instrument :
MSVOA_X
ClientSampled :

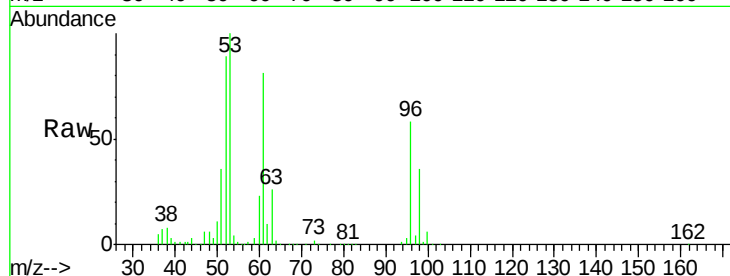
Tot Ion: 96 Resp: 52430

Ion Ratio Lower Upper

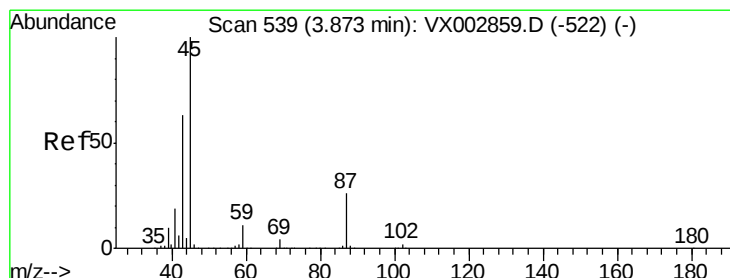
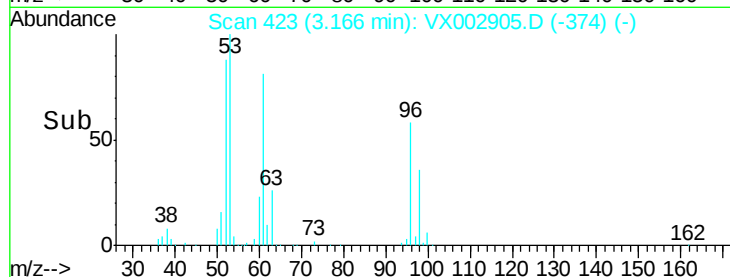
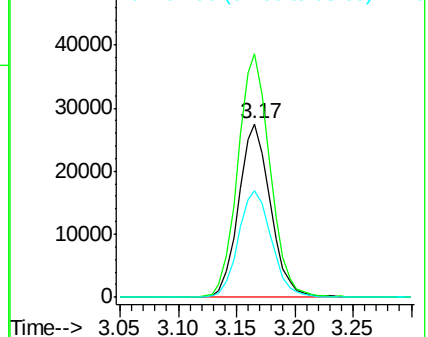
96 100

61 140.2 117.0 175.4

98 61.3 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: 20.08 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.01 min

Lab File: VX002905.D

Acq: 26 Jun 2018 20:38

Tgt Ion: 45 Resp: 188665

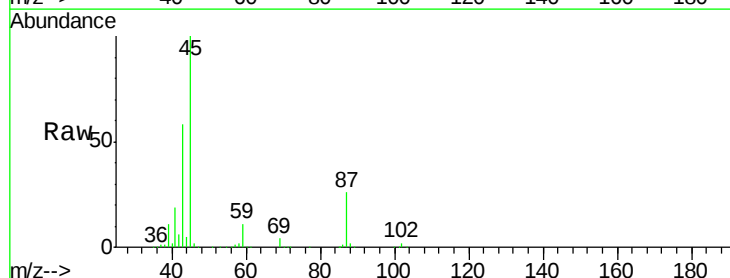
Ion Ratio Lower Upper

45 100

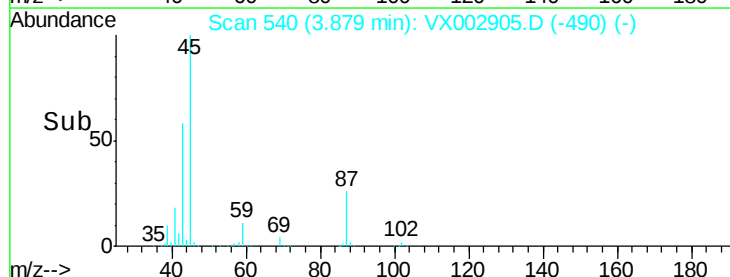
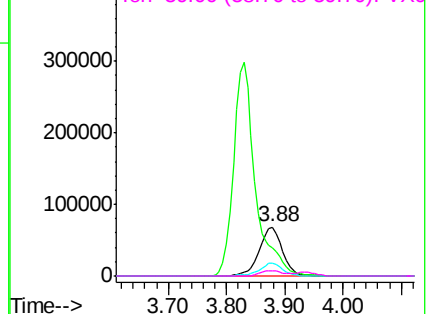
43 57.4 46.8 70.2

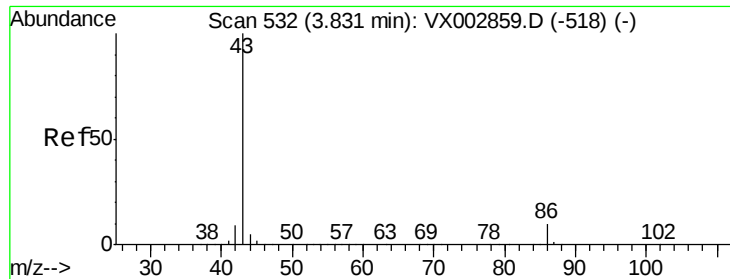
87 26.1 20.2 30.4

59 11.0 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: 97.84 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX002905.D

Acq: 26 Jun 2018 20:38

Instrument :

MSVOA_X

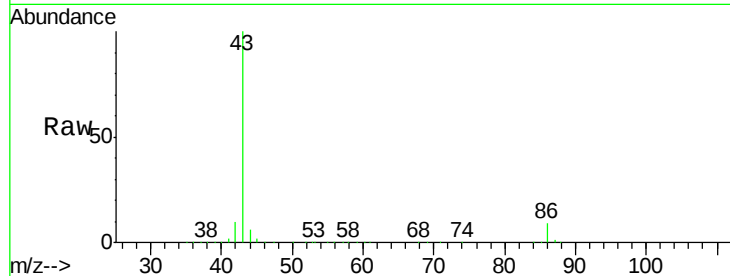
ClientSampleId :

Tot Ion: 43 Resp: 778542

Ion Ratio Lower Upper

43 100

86 9.5 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.83

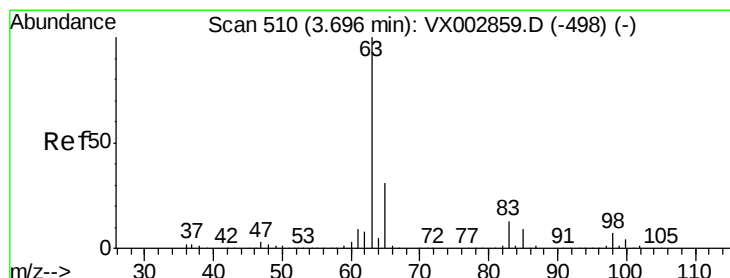
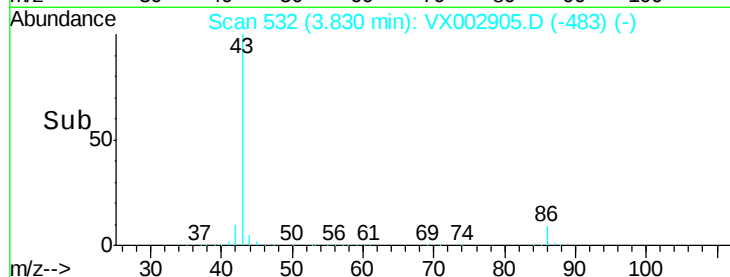
300000

200000

100000

0

Time--> 3.60 3.70 3.80 3.90 4.00



#24

1,1-Dichloroethane

Concen: 19.69 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX002905.D

Acq: 26 Jun 2018 20:38

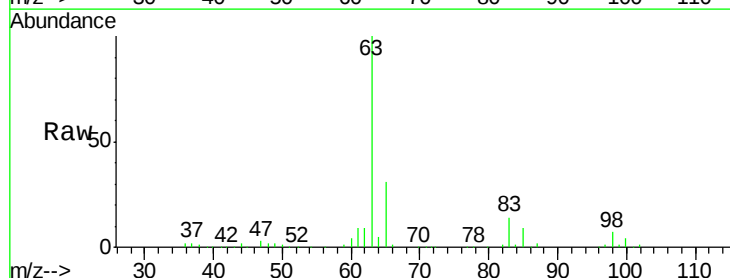
Tgt Ion: 63 Resp: 100581

Ion Ratio Lower Upper

63 100

98 6.7 3.4 10.2

100 4.1 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

3.70

50000

40000

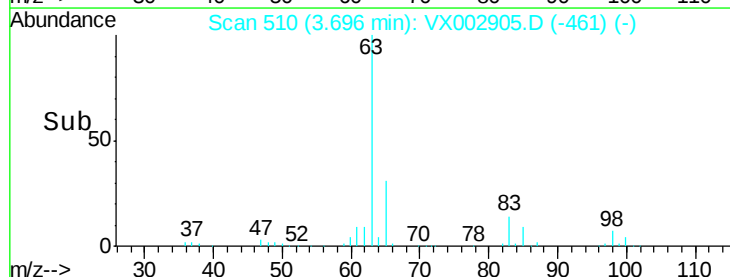
30000

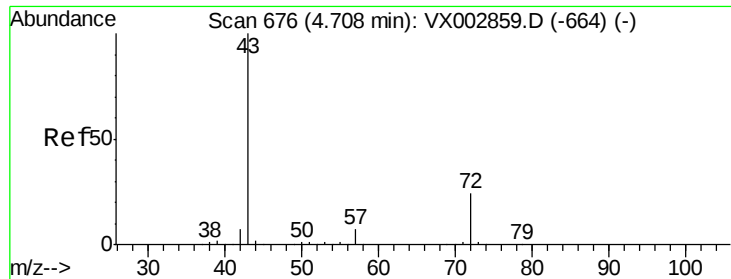
20000

10000

0

Time--> 3.60 3.70 3.80





#25

2-Butanone

Concen: 104.10 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.00 min

Lab File: VX002905.D

Acq: 26 Jun 2018 20:38

Instrument :

MSVOA_X

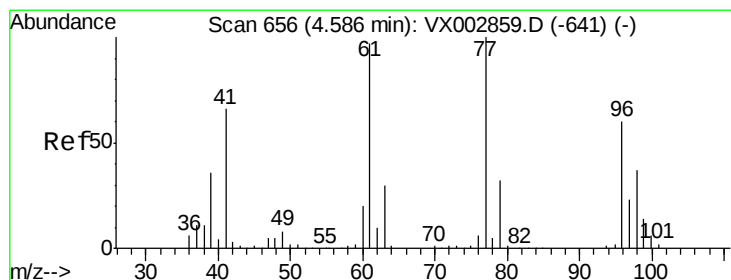
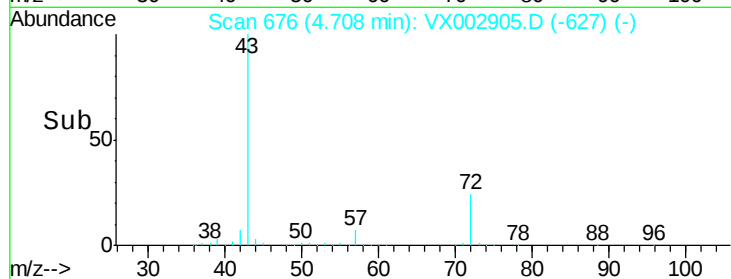
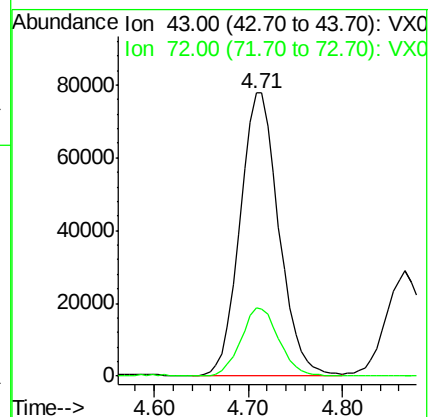
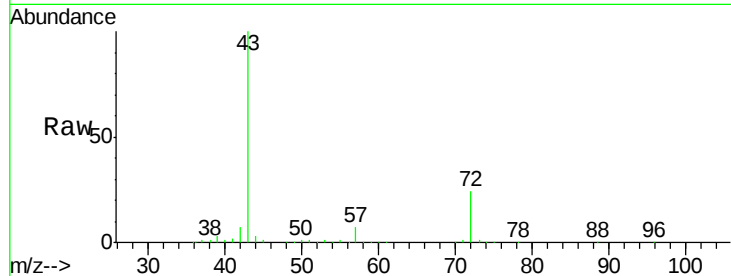
ClientSampled :

Tot Ion: 43 Resp: 223646

Ion Ratio Lower Upper

43 100

72 24.2 18.5 27.7



#26

2,2-Dichloropropane

Concen: 17.01 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX002905.D

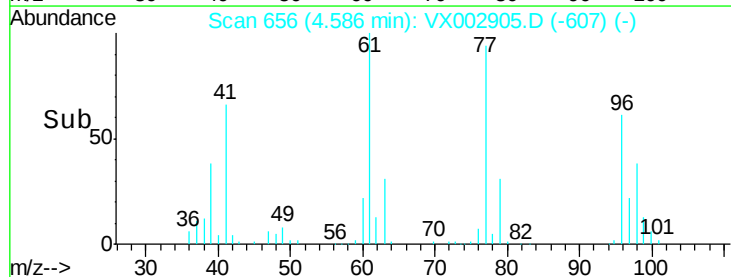
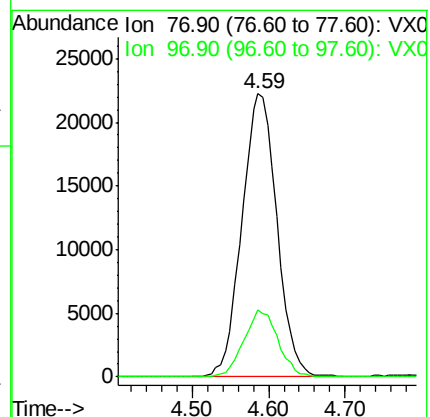
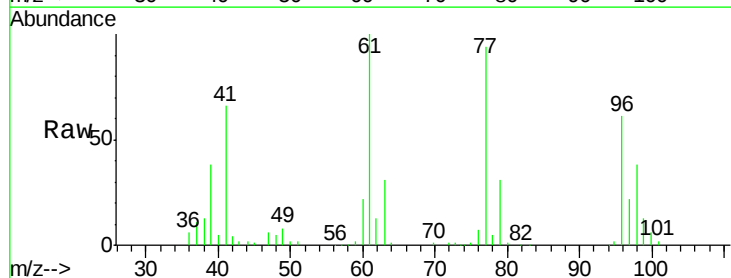
Acq: 26 Jun 2018 20:38

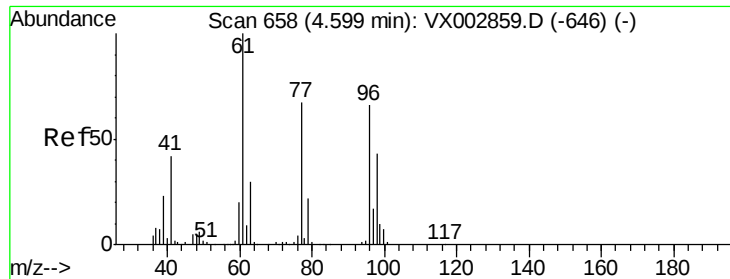
Tgt Ion: 77 Resp: 70645

Ion Ratio Lower Upper

77 100

97 23.2 11.2 33.5





#27

cis-1,2-Dichloroethene

Concen: 19.68 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.01 min

Lab File: VX002905.D

Acq: 26 Jun 2018 20:38

Instrument :
MSVOA_X
ClientSampleId :

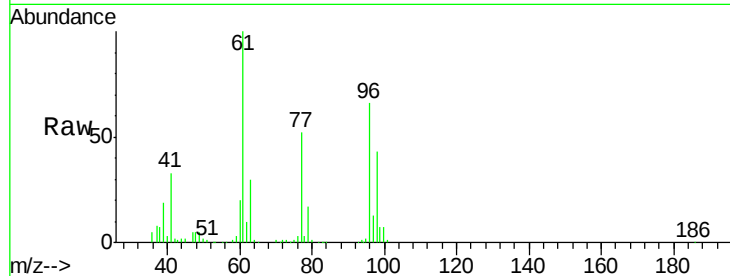
Tot Ion: 96 Resp: 59926

Ion Ratio Lower Upper

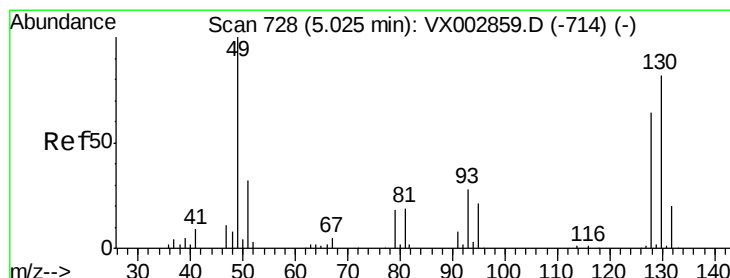
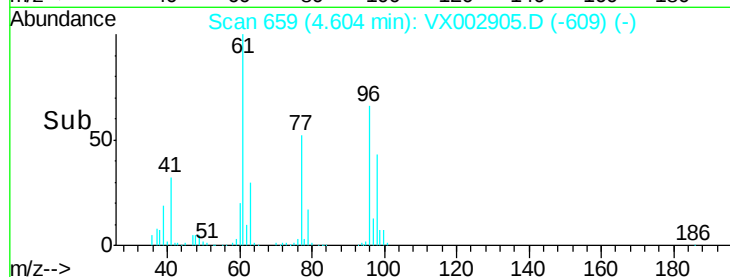
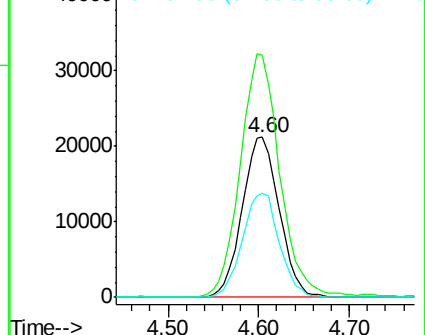
96 100

61 162.9 0.0 330.2

98 65.2 0.0 130.2



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



#28

Bromochloromethane

Concen: 21.27 ug/l

RT: 5.03 min Scan# 728

Delta R.T. -0.00 min

Lab File: VX002905.D

Acq: 26 Jun 2018 20:38

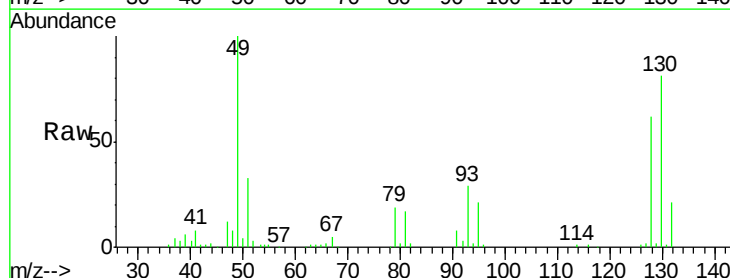
Tgt Ion: 49 Resp: 51999

Ion Ratio Lower Upper

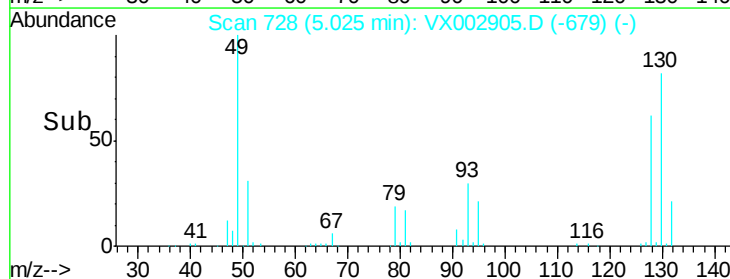
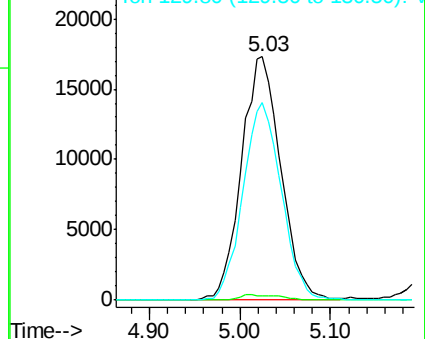
49 100

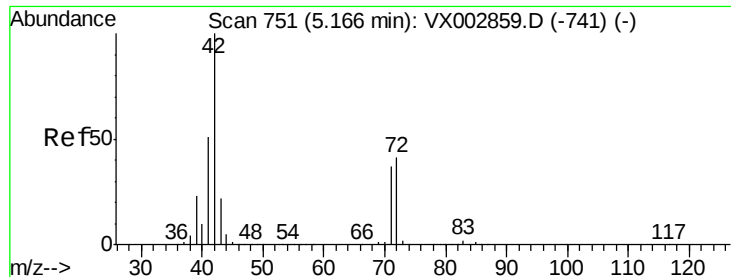
129 2.2 0.0 4.2

130 79.0 61.2 91.8



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

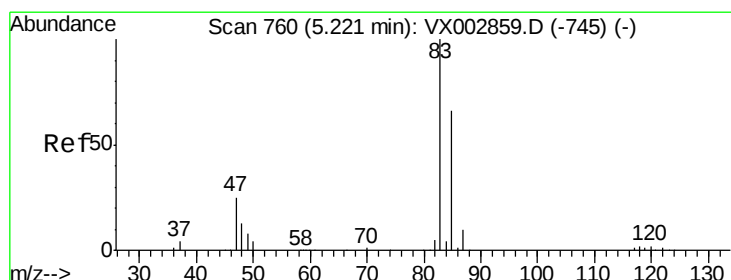
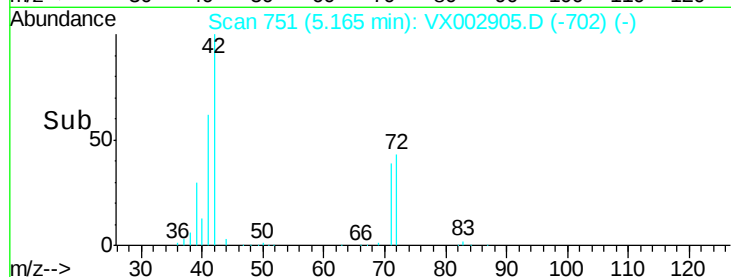
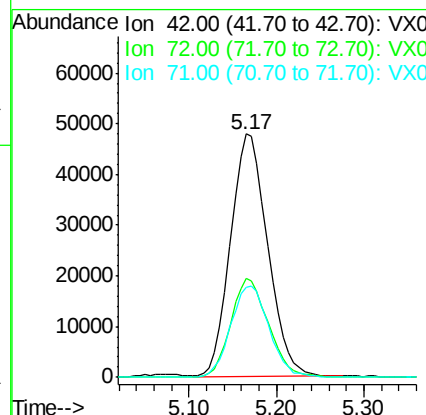
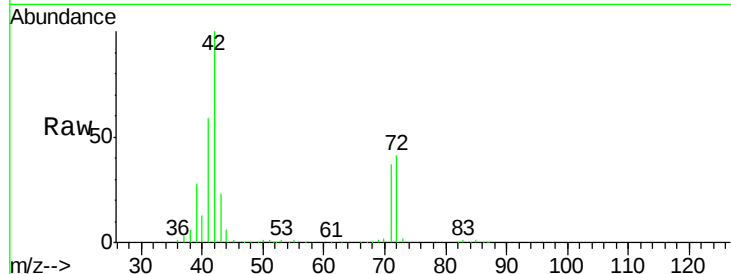




#29
Tetrahydrofuran
Concen: 102.84 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.00 min
Lab File: VX002905.D
Acq: 26 Jun 2018 20:38

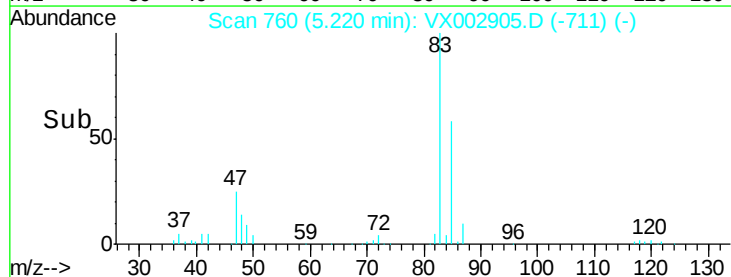
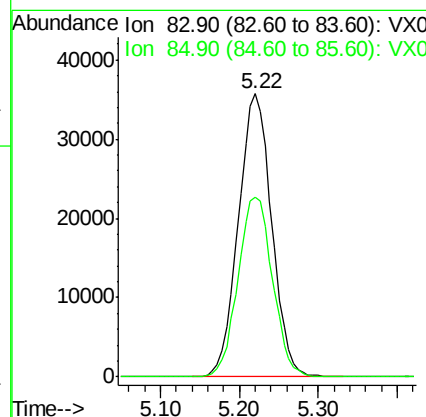
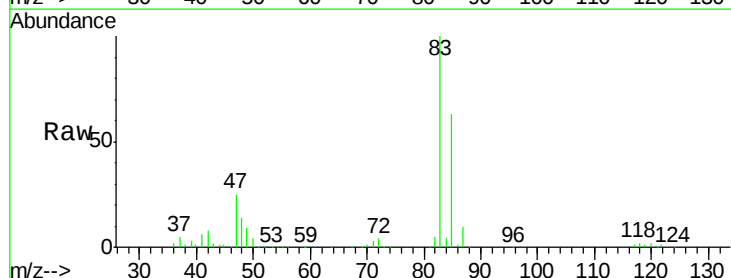
Instrument :
MSVOA_X
ClientSampleId :

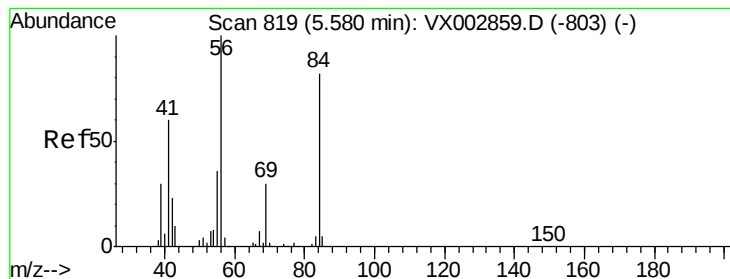
Tot Ion: 42 Resp: 141681
Ion Ratio Lower Upper
42 100
72 41.2 32.0 48.0
71 38.9 30.1 45.1



#30
Chloroform
Concen: 20.03 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX002905.D
Acq: 26 Jun 2018 20:38

Tgt Ion: 83 Resp: 105005
Ion Ratio Lower Upper
83 100
85 63.4 50.4 75.6





#31

Cyclohexane

Concen: 19.32 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX002905.D

Acq: 26 Jun 2018 20:38

Instrument :
MSVOA_X
ClientSampleId :

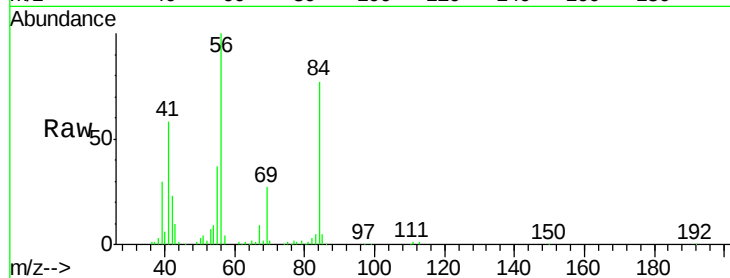
Tot Ion: 56 Resp: 84708

Ion Ratio Lower Upper

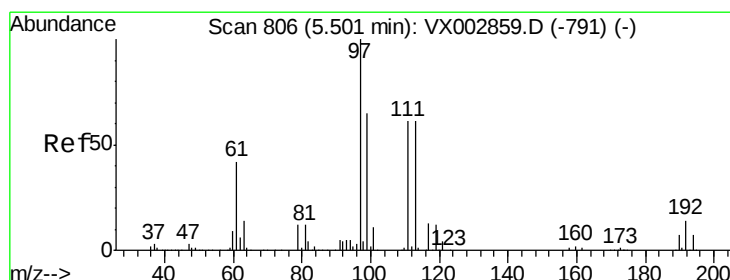
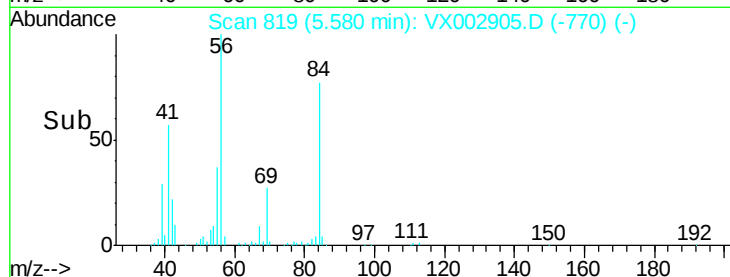
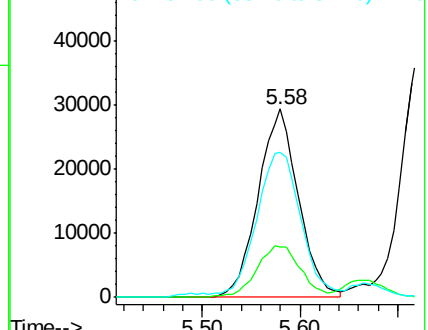
56 100

69 27.1 23.7 35.5

84 75.5 64.1 96.1



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



#32

1,1,1-Trichloroethane

Concen: 19.98 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX002905.D

Acq: 26 Jun 2018 20:38

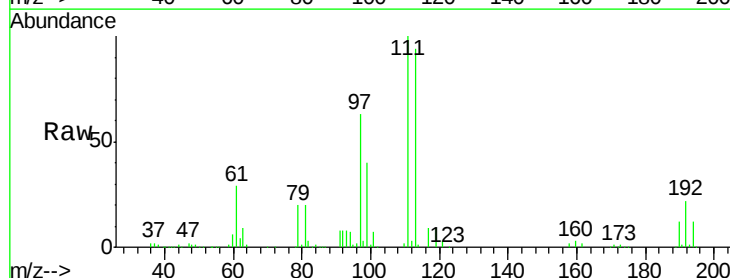
Tgt Ion: 97 Resp: 92135

Ion Ratio Lower Upper

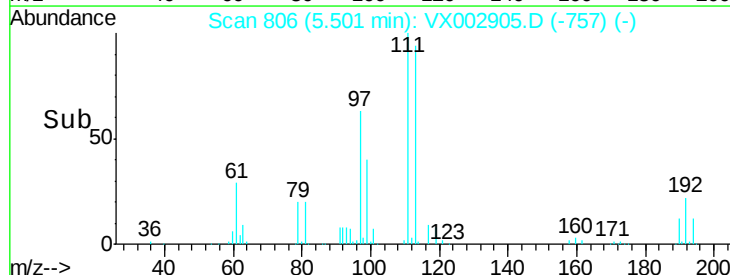
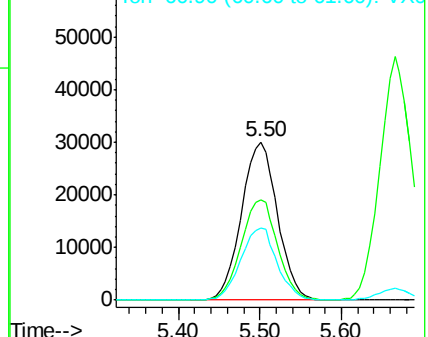
97 100

99 64.0 51.6 77.4

61 46.2 36.4 54.6



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

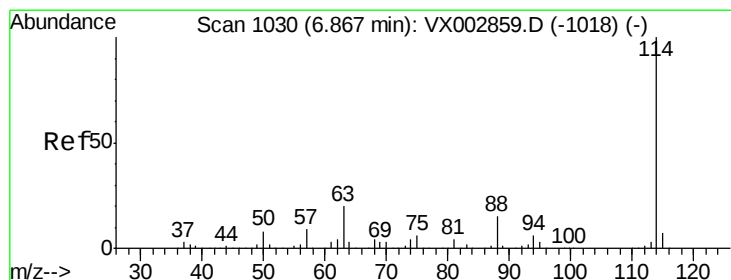
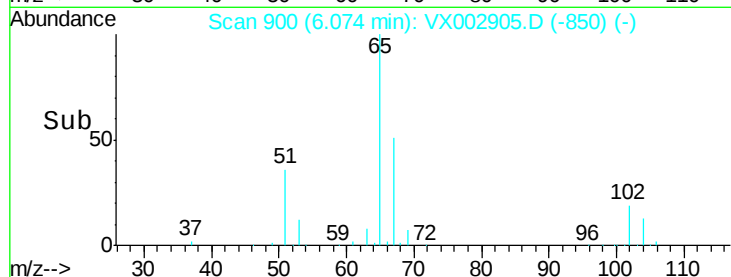
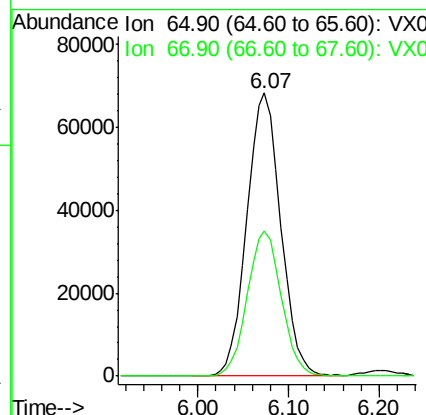
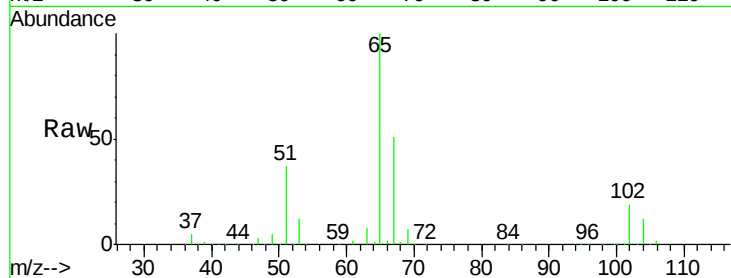




#33
 1,2-Dichloroethane-d4
 Concen: 50.54 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VX002905.D
 Acq: 26 Jun 2018 20:38

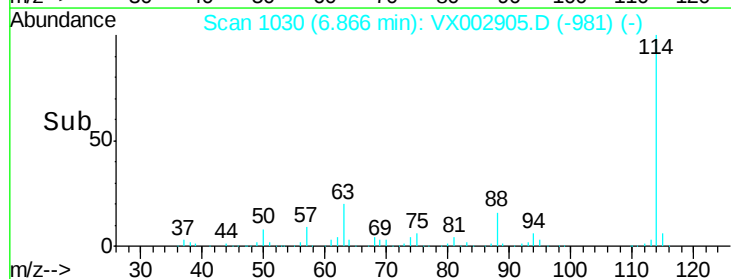
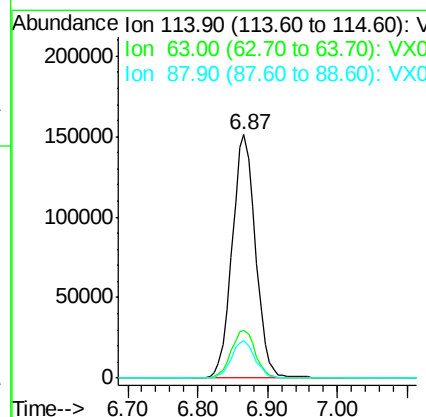
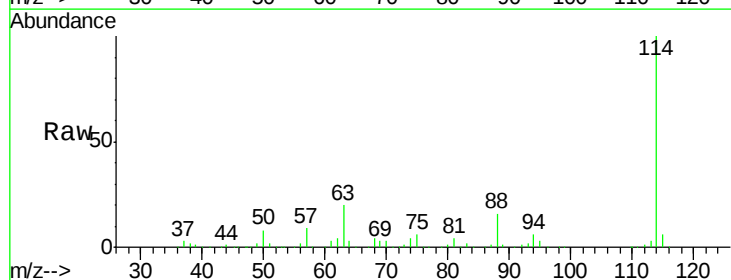
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 65 Resp: 176659
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002905.D
 Acq: 26 Jun 2018 20:38

Tgt Ion: 114 Resp: 351907
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 41.4
 88 15.7 0.0 30.0





#35

Dibromofluoromethane

Concen: 49.51 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.01 min

Lab File: VX002905.D

Acq: 26 Jun 2018 20:38

Instrument :

MSVOA_X

ClientSampled :

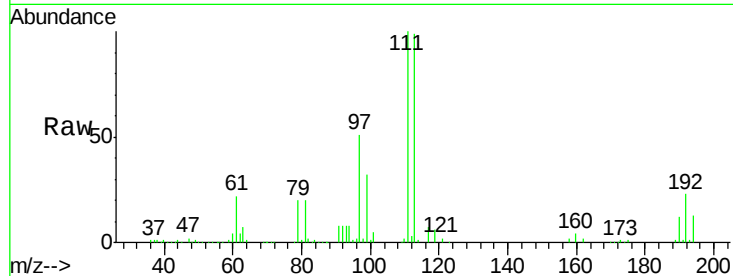
Tot Ion:113 Resp: 137966

Ion Ratio Lower Upper

113 100

111 103.3 81.4 122.0

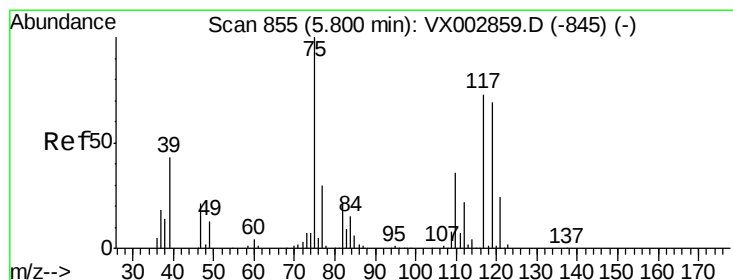
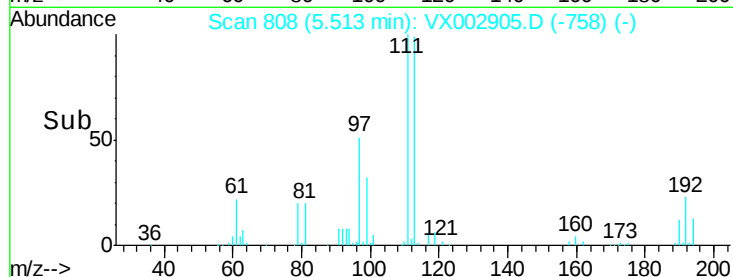
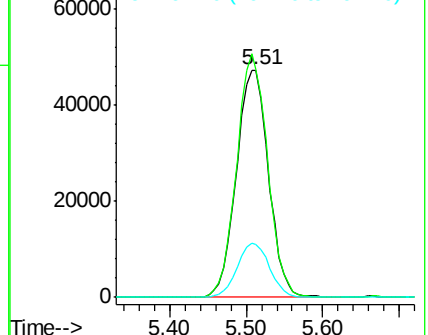
192 24.0 19.1 28.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.82 ug/l

RT: 5.80 min Scan# 855

Delta R.T. -0.00 min

Lab File: VX002905.D

Acq: 26 Jun 2018 20:38

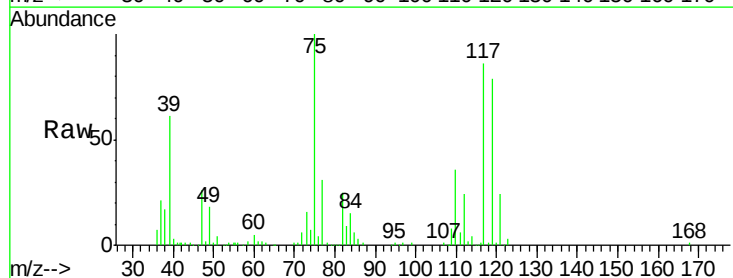
Tgt Ion: 75 Resp: 72631

Ion Ratio Lower Upper

75 100

110 37.1 18.1 54.4

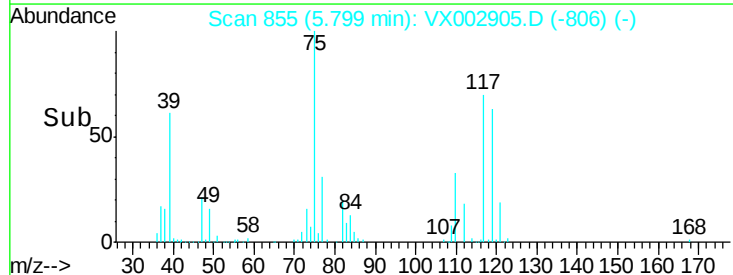
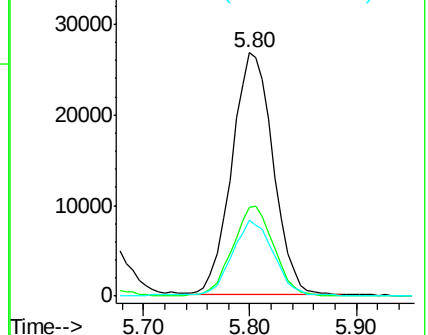
77 31.7 24.3 36.5

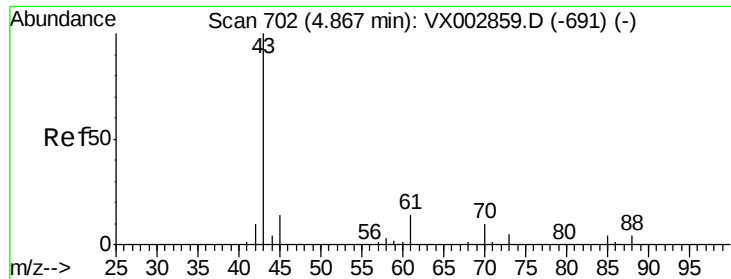


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

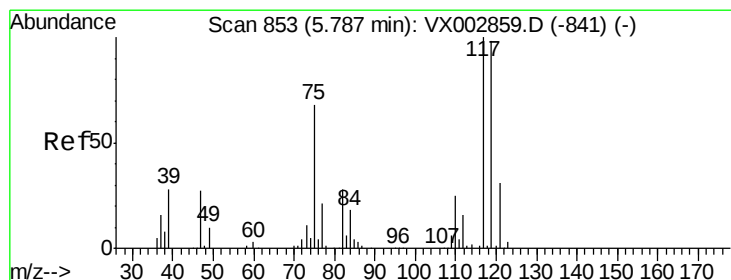
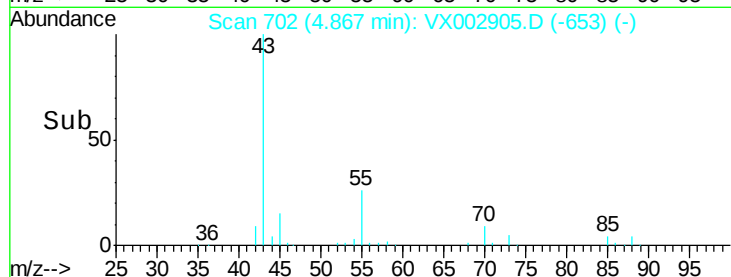
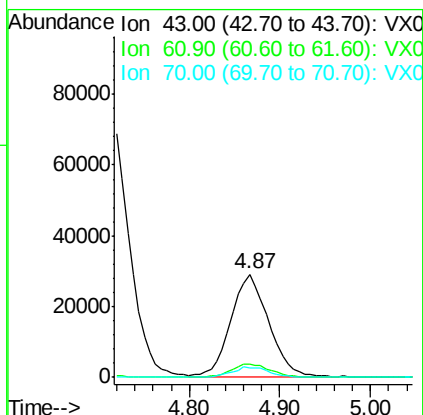
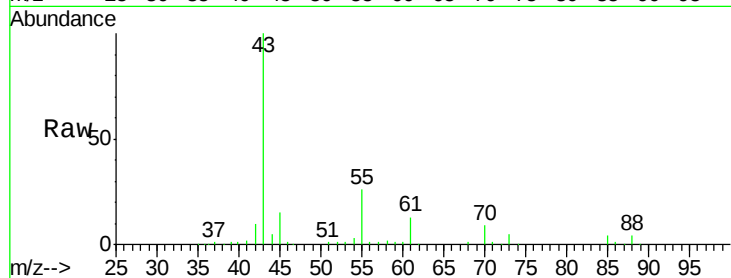




#37
Ethyl Acetate
Concen: 20.02 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.00 min
Lab File: VX002905.D
Acq: 26 Jun 2018 20:38

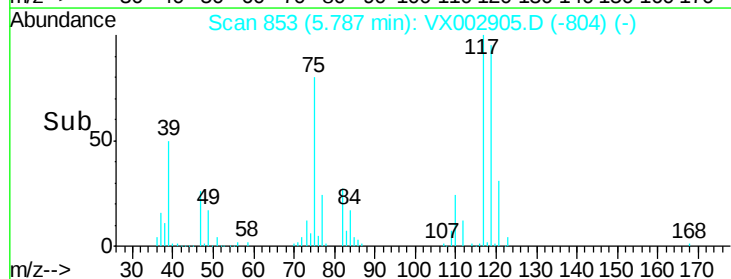
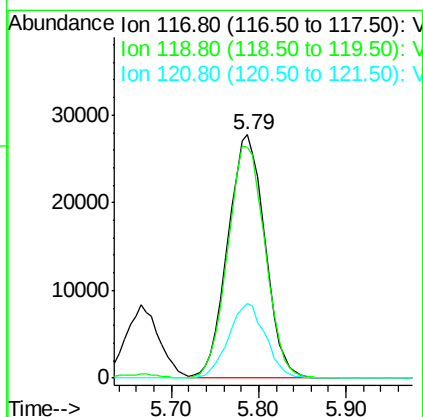
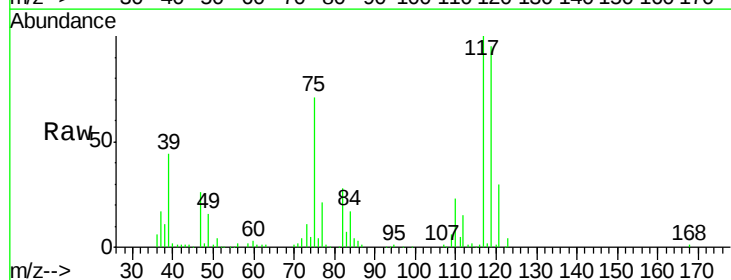
Instrument :
MSVOA_X
ClientSampled :

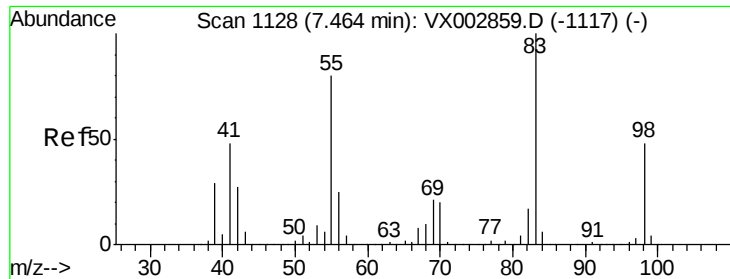
Tot Ion: 43 Resp: 83168
Ion Ratio Lower Upper
43 100
61 13.9 10.4 15.6
70 9.8 7.6 11.4



#38
Carbon Tetrachloride
Concen: 19.35 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX002905.D
Acq: 26 Jun 2018 20:38

Tgt Ion: 117 Resp: 81946
Ion Ratio Lower Upper
117 100
119 95.0 77.4 116.0
121 30.5 24.4 36.6

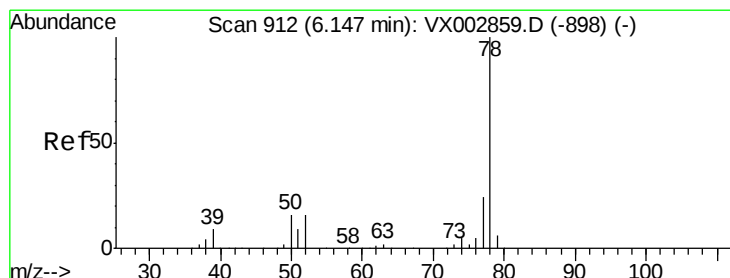
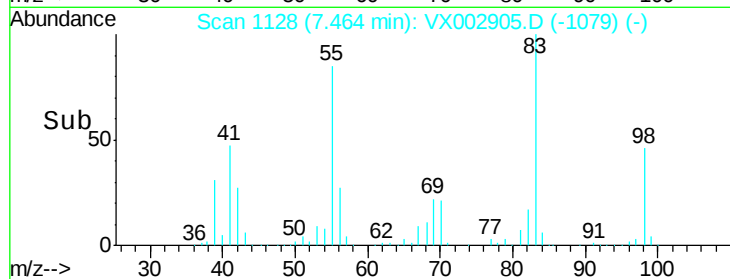
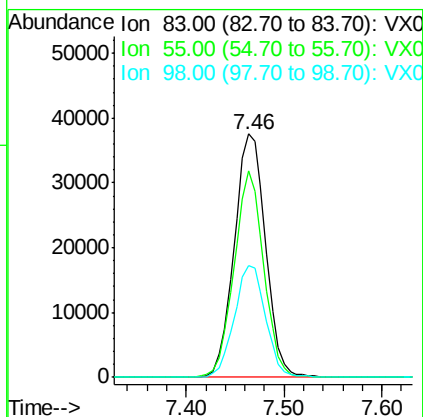
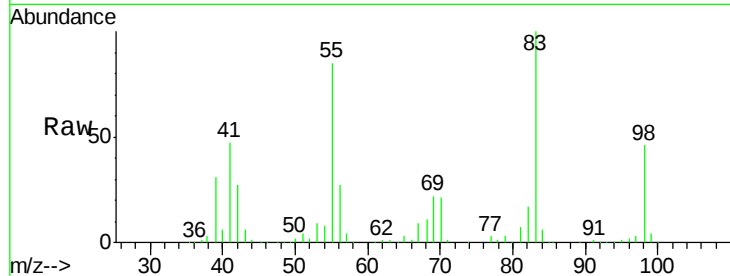




#39
Methvlcvclohexane
Concen: 18.57 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002905.D
Acq: 26 Jun 2018 20:38

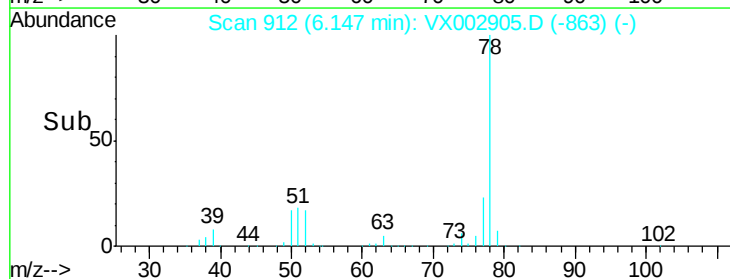
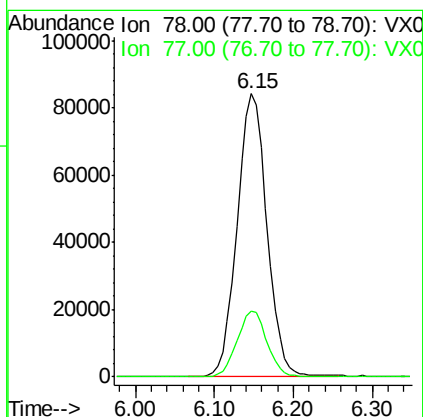
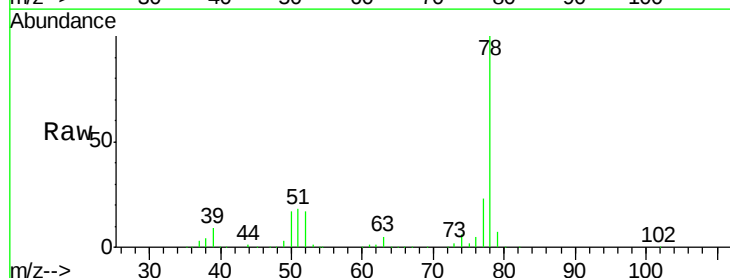
Instrument :
MSVOA_X
ClientSampled :

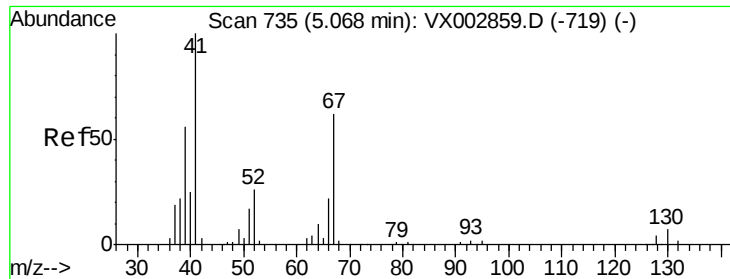
Tot Ion	83	Resp	83455
Ion Ratio	Lower	Upper	
83	100		
55	84.5	65.4	98.0
98	45.7	37.4	56.0



#40
Benzene
Concen: 19.80 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002905.D
Acq: 26 Jun 2018 20:38

Tgt Ion	78	Resp	222029
Ion Ratio	Lower	Upper	
78	100		
77	23.3	19.1	28.7

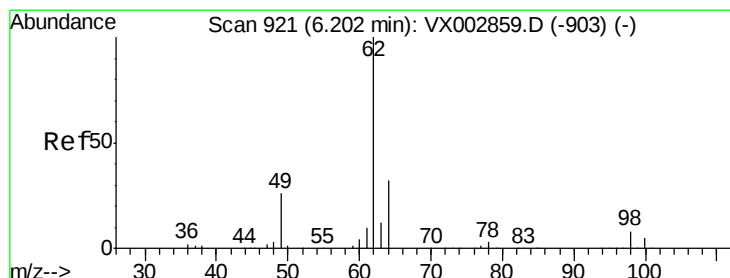
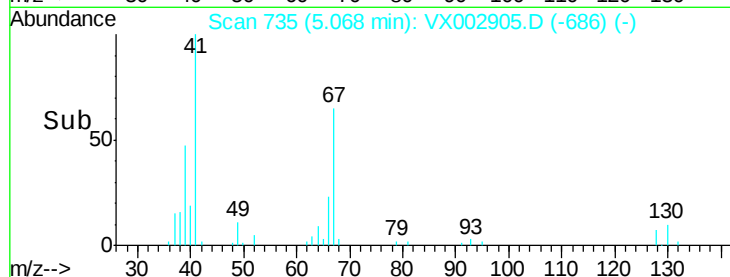
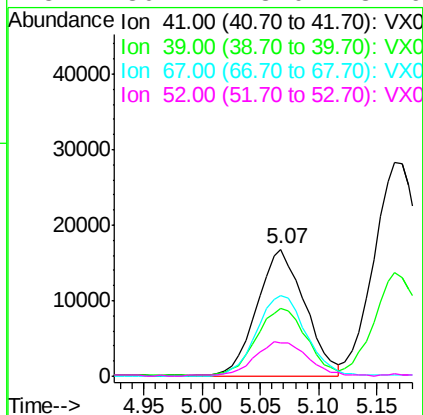
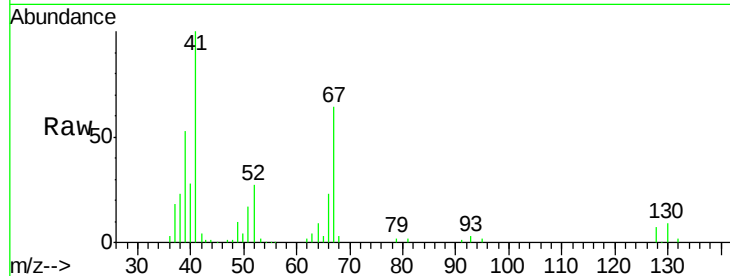




#41
Methacrylonitrile
Concen: 19.92 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX002905.D
Acq: 26 Jun 2018 20:38

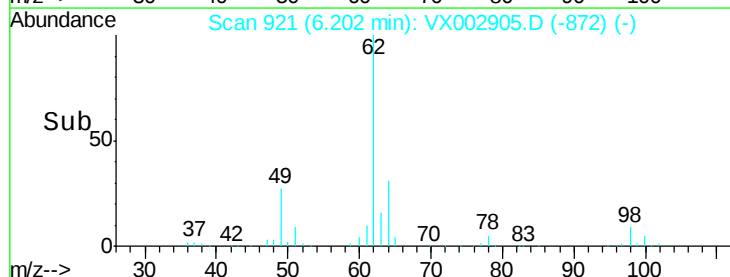
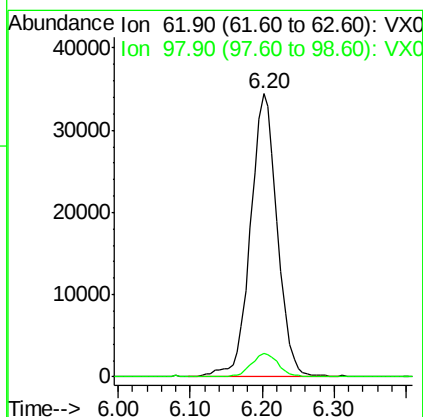
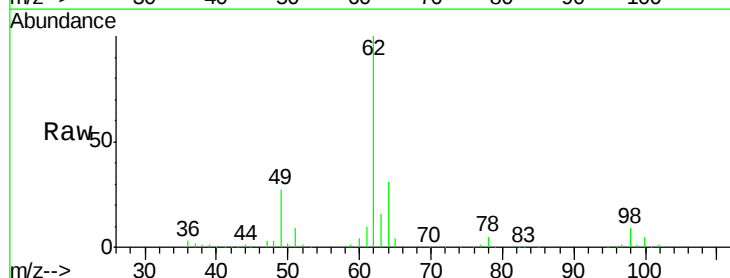
Instrument :
MSVOA_X
ClientSampled :

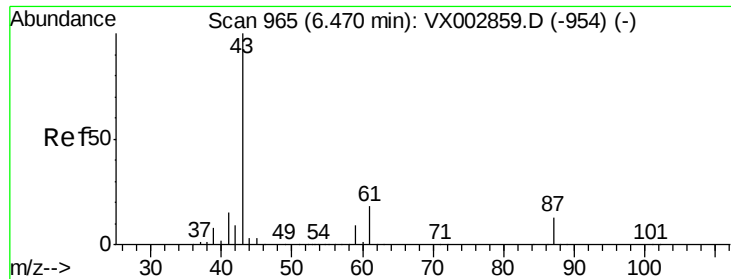
Tot Ion:	41	Resp:	47669
Ion	Ratio	Lower	Upper
41	100		
39	55.5	45.8	68.6
67	66.4	51.3	76.9
52	30.7	23.0	34.6



#42
1,2-Dichloroethane
Concen: 19.45 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX002905.D
Acq: 26 Jun 2018 20:38

Tgt Ion:	62	Resp:	88120
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	16.6



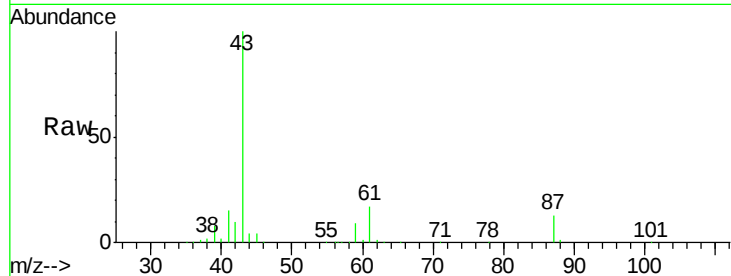


#43

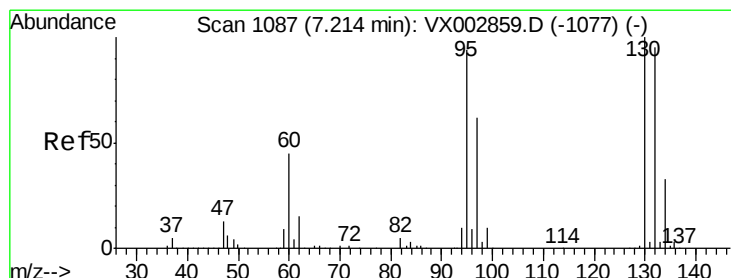
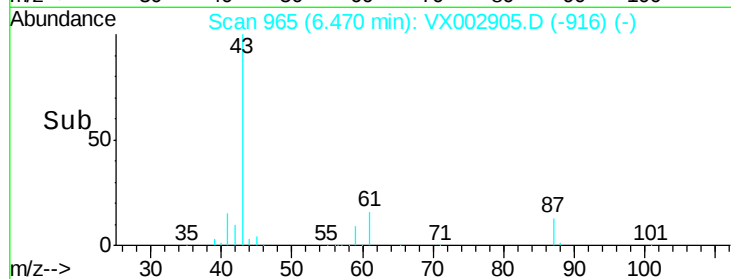
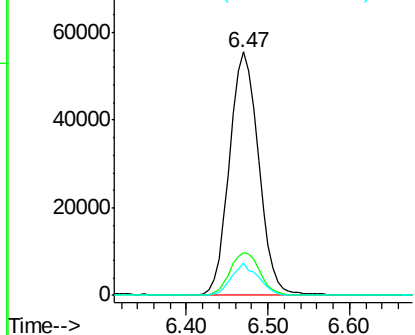
Isopropyl Acetate
 Concen: 19.61 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: VX002905.D
 Acq: 26 Jun 2018 20:38

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion: 43 Resp: 136666
 Ion Ratio Lower Upper
 43 100
 61 18.0 14.4 21.6
 87 12.2 9.5 14.3



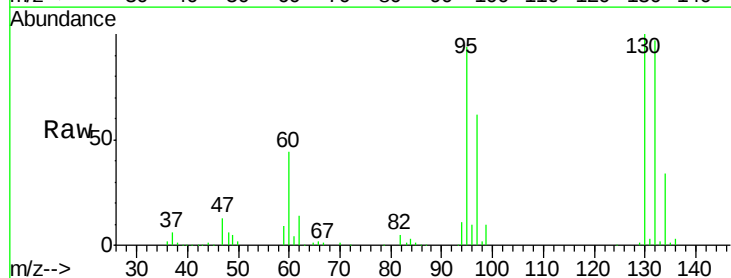
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



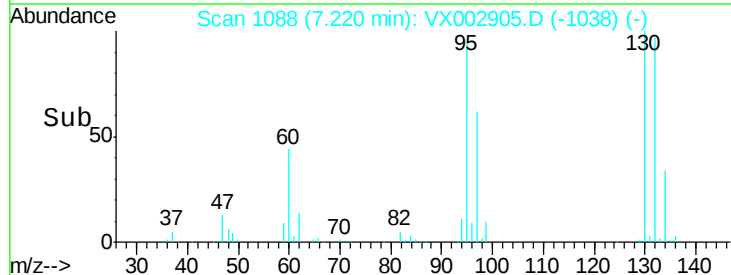
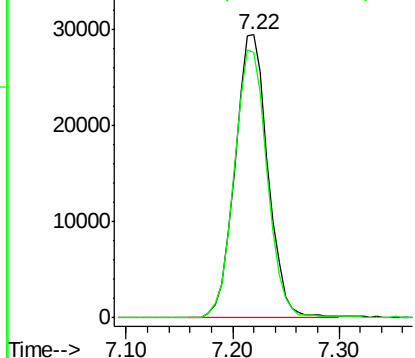
#44

Trichloroethene
 Concen: 19.19 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.01 min
 Lab File: VX002905.D
 Acq: 26 Jun 2018 20:38

Tgt Ion:130 Resp: 64156
 Ion Ratio Lower Upper
 130 100
 95 93.9 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0

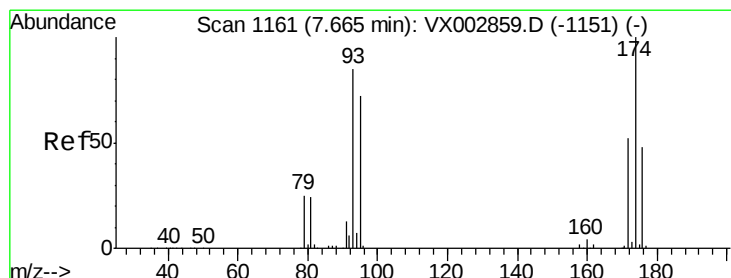
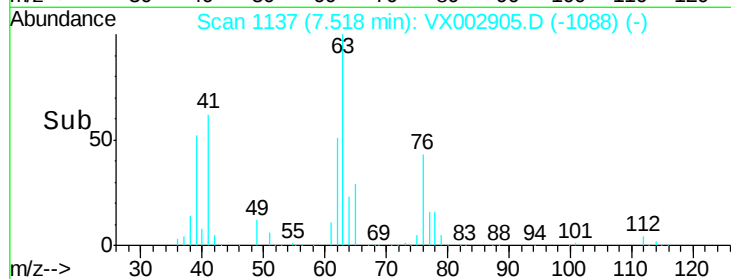
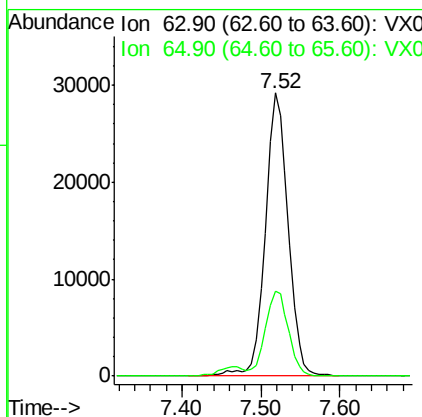
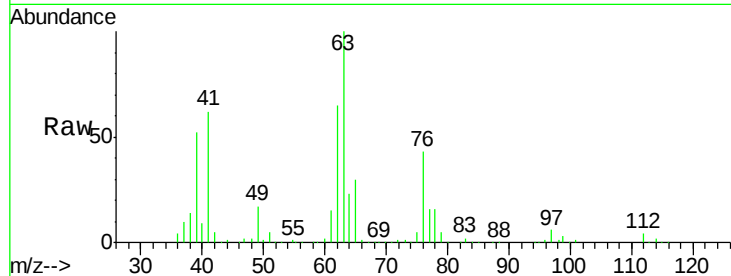




#45
 1,2-Dichloropropane
 Concen: 19.70 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX002905.D
 Acq: 26 Jun 2018 20:38

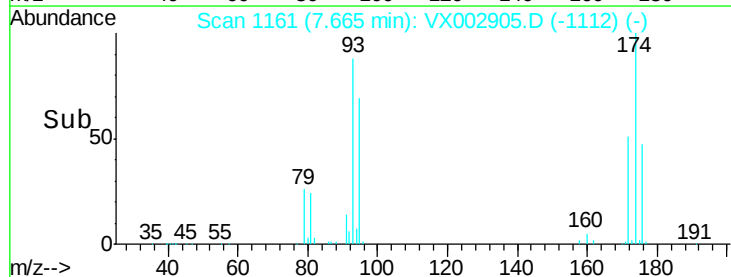
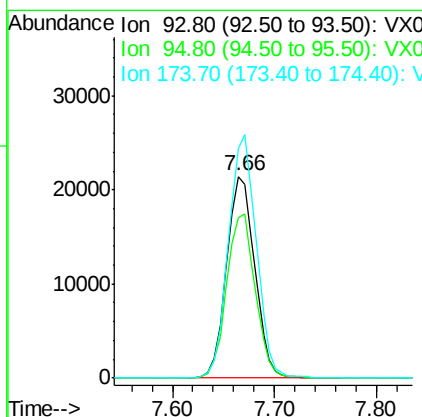
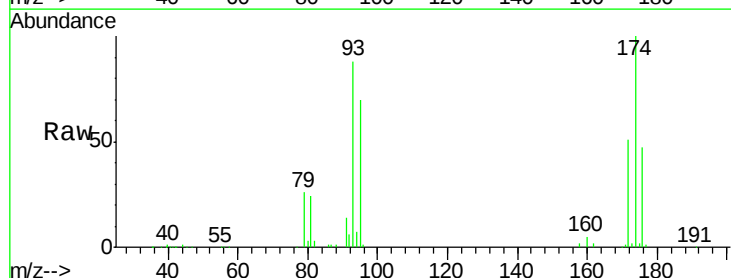
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 63 Resp: 58598
 Ion Ratio Lower Upper
 63 100
 65 30.1 24.7 37.1



#46
 Dibromomethane
 Concen: 19.87 ug/l
 RT: 7.66 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX002905.D
 Acq: 26 Jun 2018 20:38

Tgt Ion: 93 Resp: 41020
 Ion Ratio Lower Upper
 93 100
 95 82.2 65.9 98.9
 174 118.7 92.4 138.6





#47

Bromodichloromethane

Concen: 19.78 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002905.D

Acq: 26 Jun 2018 20:38

Instrument :

MSVOA_X

ClientSampled :

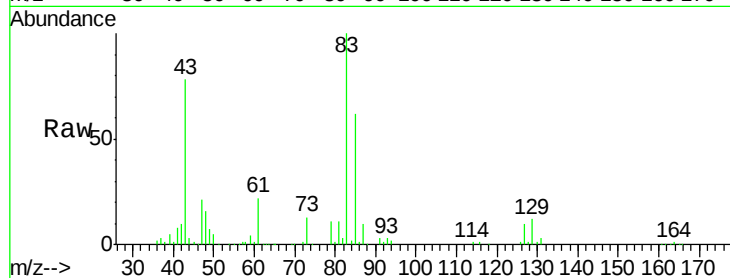
Tot Ion: 83 Resp: 75474

Ion Ratio Lower Upper

83 100

85 61.9 50.3 75.5

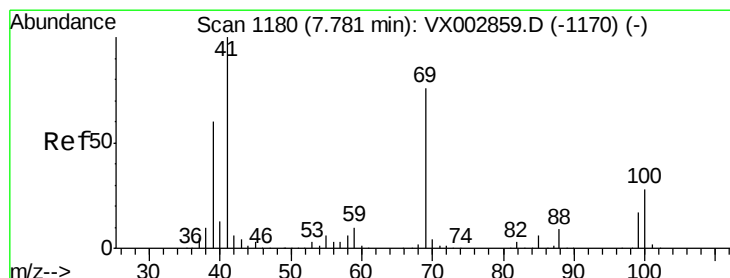
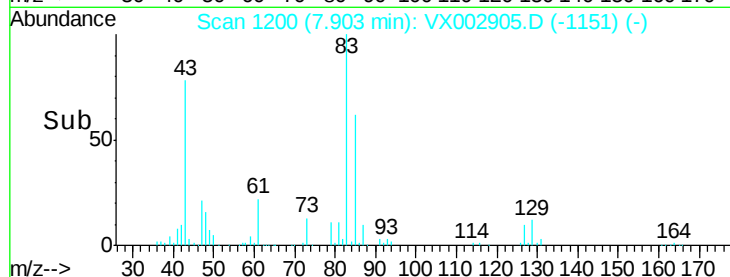
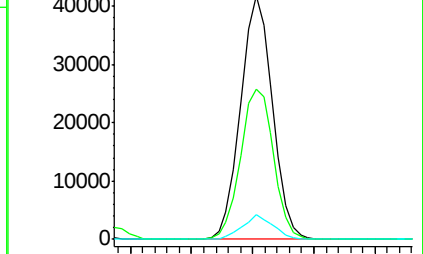
127 10.0 7.0 10.4



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: 20.08 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VX002905.D

Acq: 26 Jun 2018 20:38

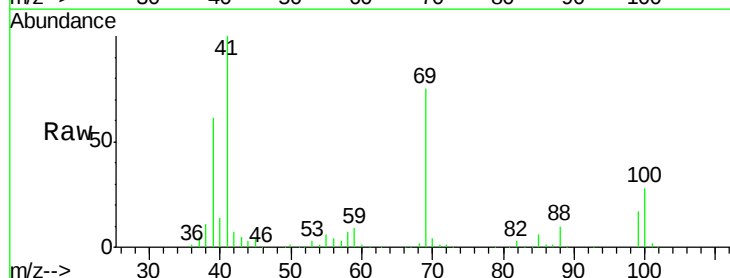
Tgt Ion: 41 Resp: 72091

Ion Ratio Lower Upper

41 100

69 74.6 59.1 88.7

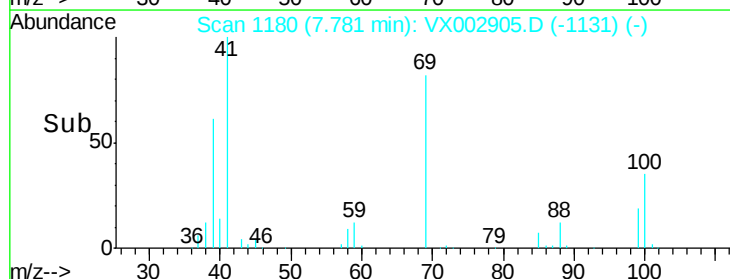
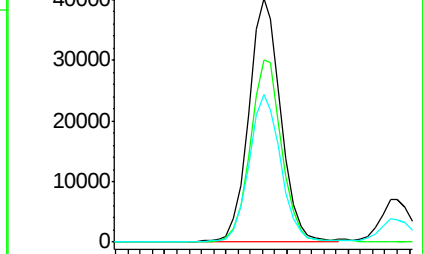
39 60.4 48.9 73.3

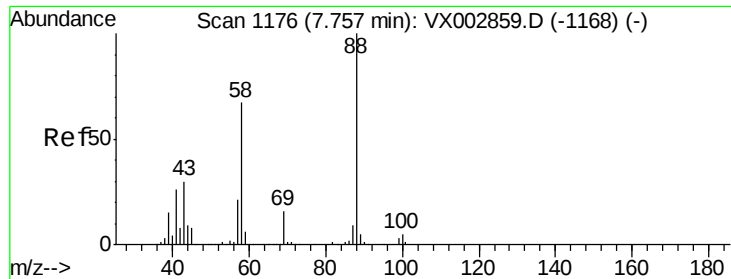


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 415.20 ug/l

RT: 7.76 min Scan# 1177

Delta R.T. 0.01 min

Lab File: VX002905.D

Acq: 26 Jun 2018 20:38

Instrument :
MSVOA_X
ClientSampleId :

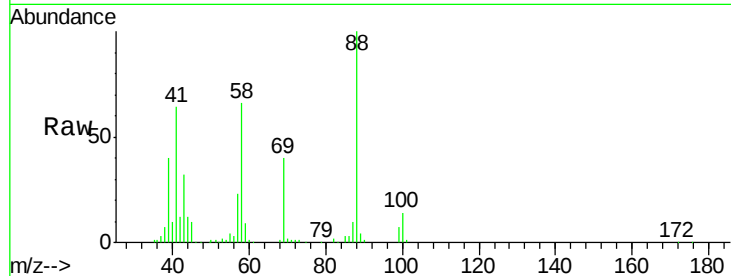
Tot Ion: 88 Resp: 29005

Ion Ratio Lower Upper

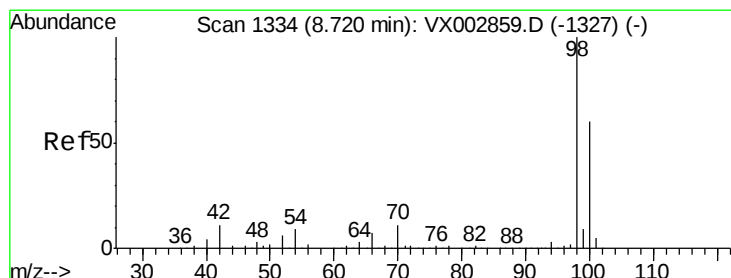
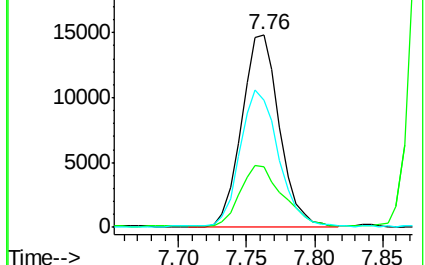
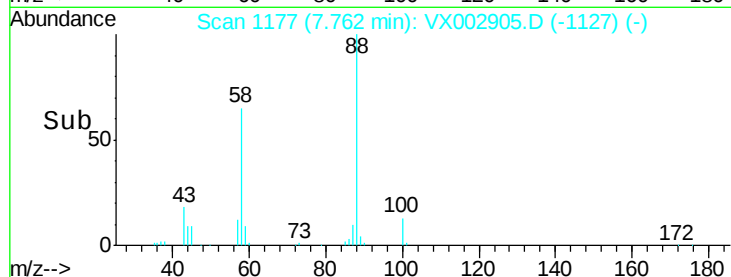
88 100

43 34.8 29.8 44.6

58 73.5 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: 49.65 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002905.D

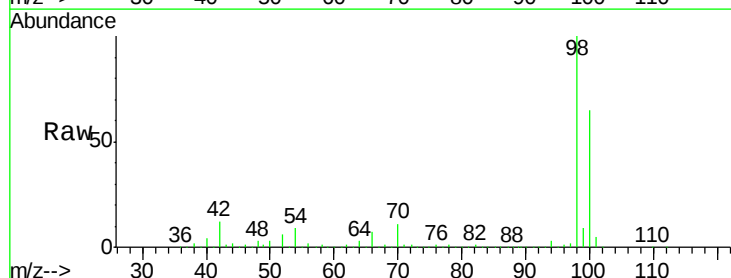
Acq: 26 Jun 2018 20:38

Tgt Ion: 98 Resp: 505305

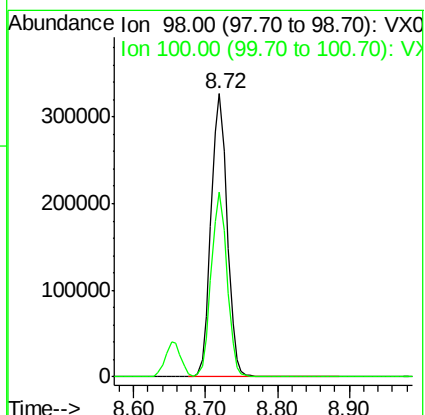
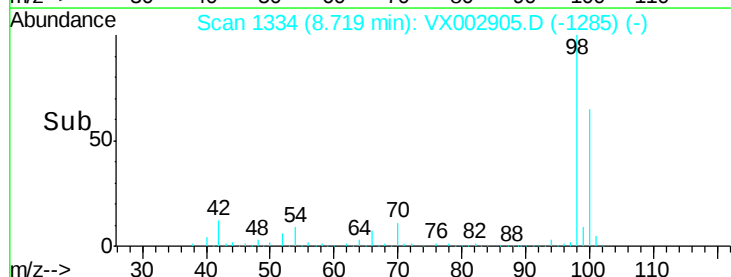
Ion Ratio Lower Upper

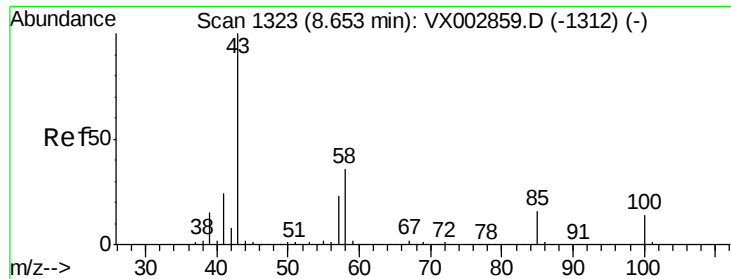
98 100

100 64.6 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: 103.70 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX002905.D

Acq: 26 Jun 2018 20:38

Instrument :

MSVOA_X

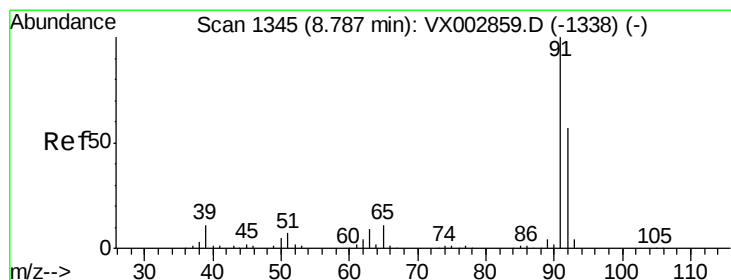
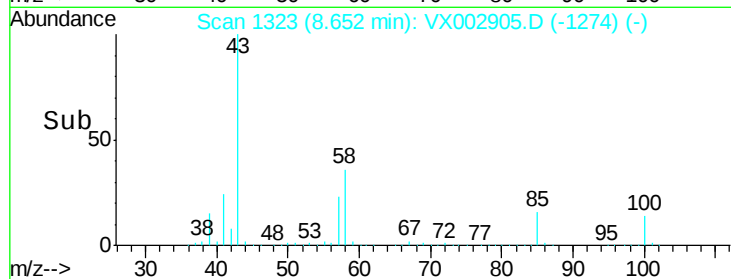
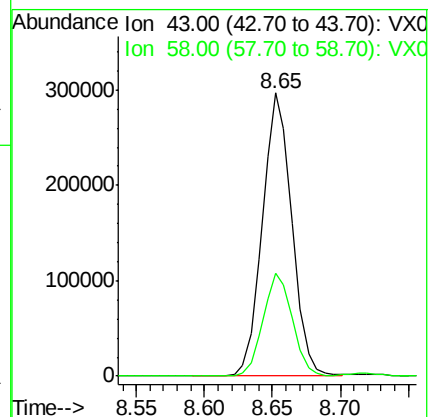
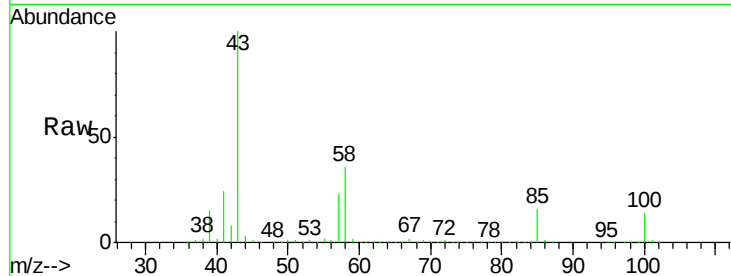
ClientSampleId :

Tot Ion: 43 Resp: 452141

Ion Ratio Lower Upper

43 100

58 36.2 28.6 42.8



#52

Toluene

Concen: 19.87 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002905.D

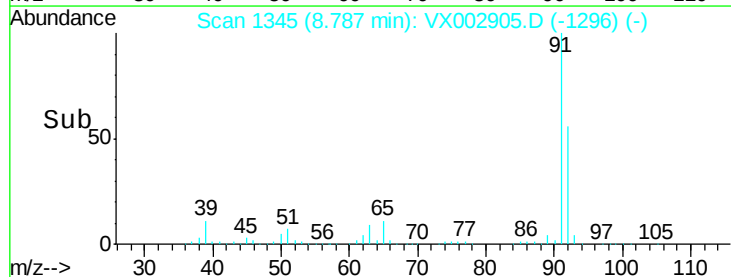
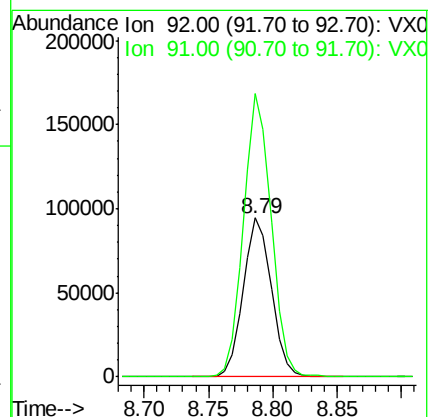
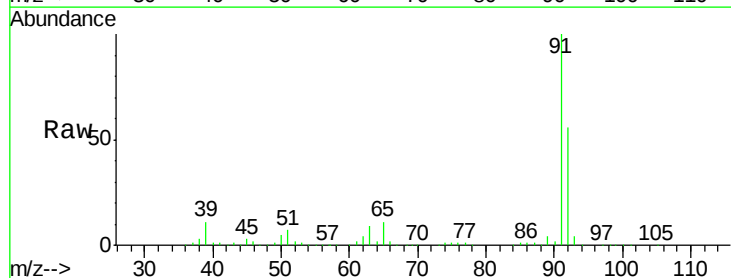
Acq: 26 Jun 2018 20:38

Tgt Ion: 92 Resp: 142711

Ion Ratio Lower Upper

92 100

91 175.6 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 19.25 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX002905.D

Acq: 26 Jun 2018 20:38

Instrument :

MSVOA_X

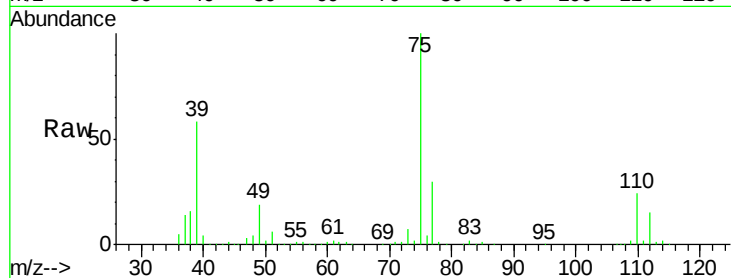
ClientSampleId :

Tot Ion: 75 Resp: 83210

Ion Ratio Lower Upper

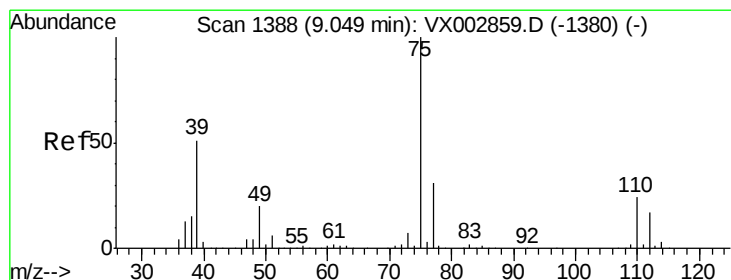
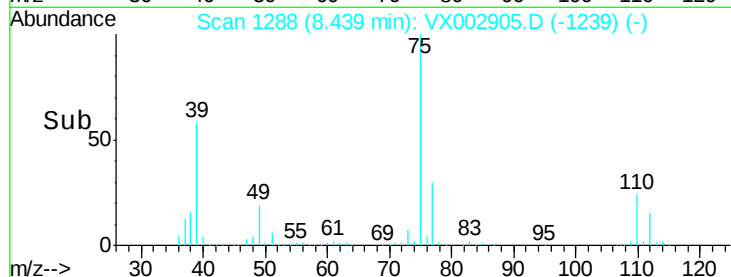
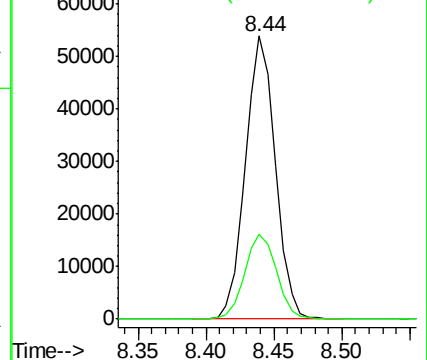
75 100

77 29.7 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 18.35 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.01 min

Lab File: VX002905.D

Acq: 26 Jun 2018 20:38

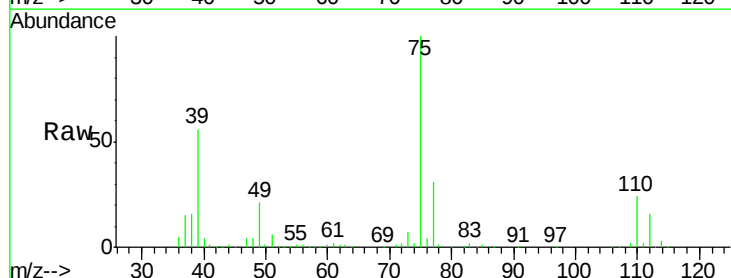
Tgt Ion: 75 Resp: 76297

Ion Ratio Lower Upper

75 100

77 31.1 24.8 37.2

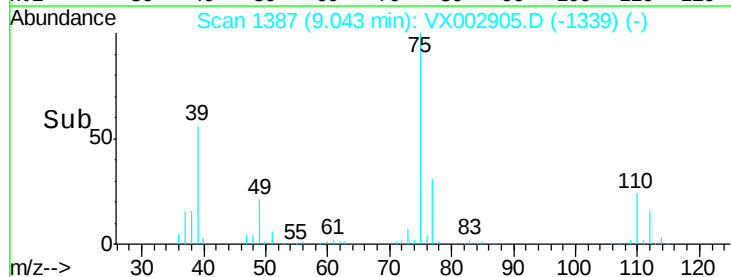
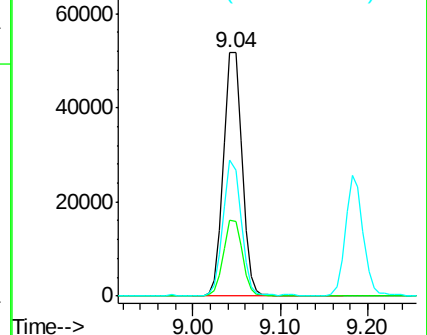
39 55.6 42.4 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 20.00 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. -0.00 min

Lab File: VX002905.D

Acq: 26 Jun 2018 20:38

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 59027

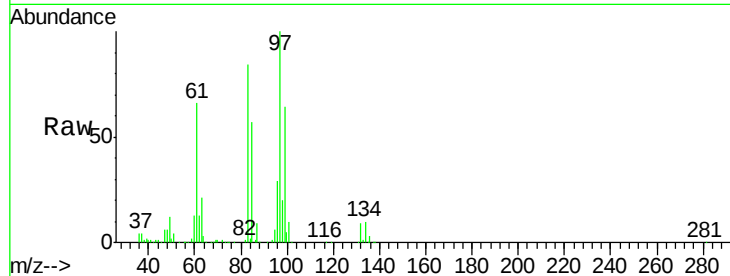
Ion Ratio Lower Upper

97 100

83 83.7 70.2 105.2

85 57.1 44.9 67.3

99 63.8 49.8 74.8



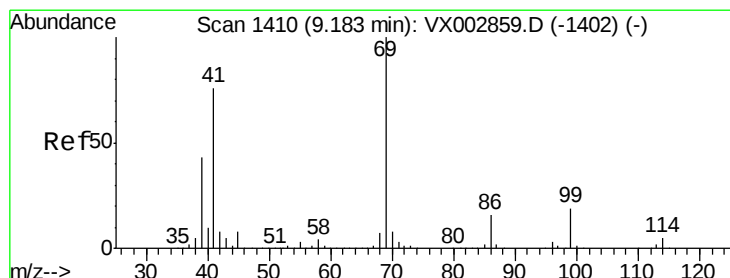
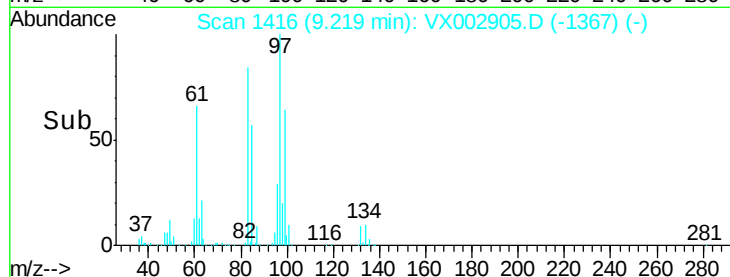
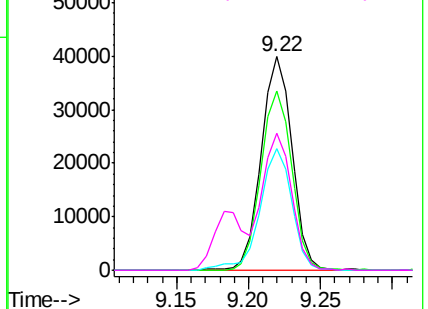
Abundance

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: 19.71 ug/l

RT: 9.18 min Scan# 1410

Delta R.T. -0.00 min

Lab File: VX002905.D

Acq: 26 Jun 2018 20:38

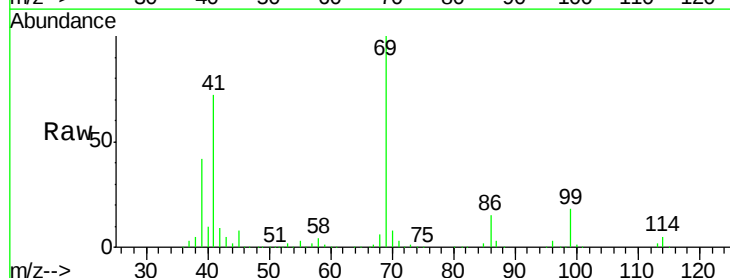
Tgt Ion: 69 Resp: 85025

Ion Ratio Lower Upper

69 100

41 72.8 60.3 90.5

39 42.5 35.8 53.8

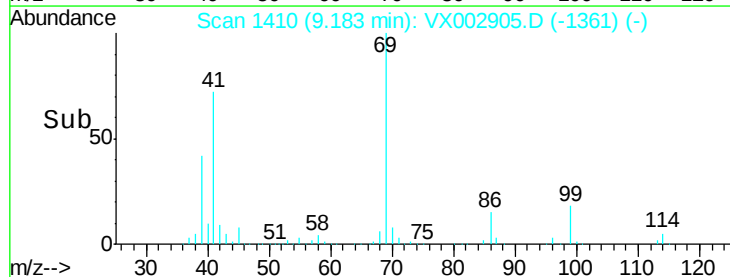
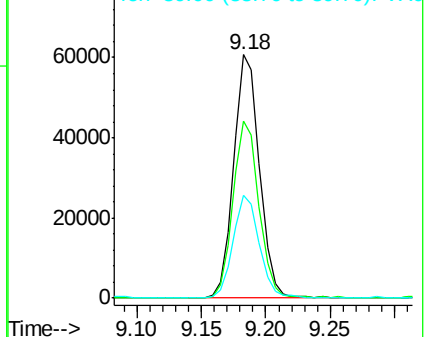


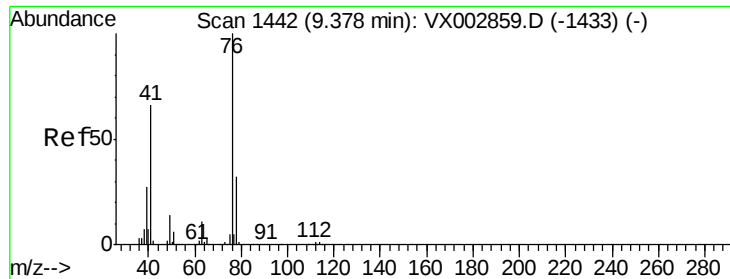
Abundance

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: 20.20 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX002905.D

Acq: 26 Jun 2018 20:38

Instrument :

MSVOA_X

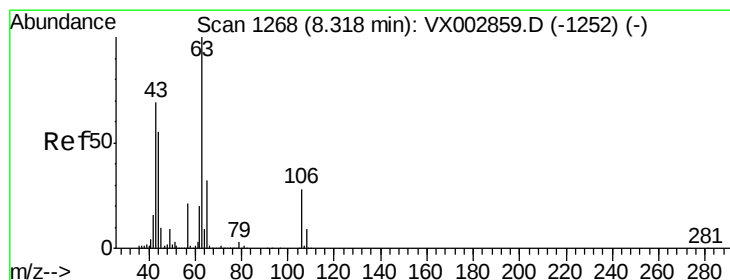
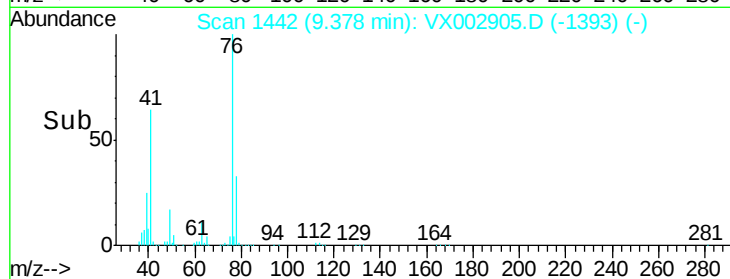
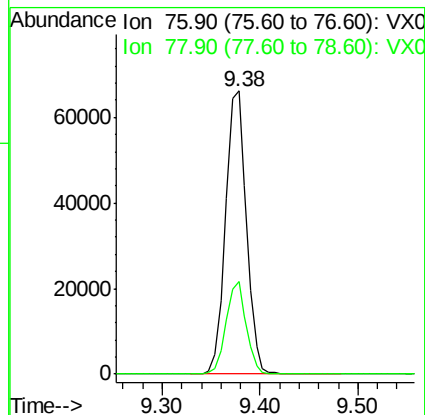
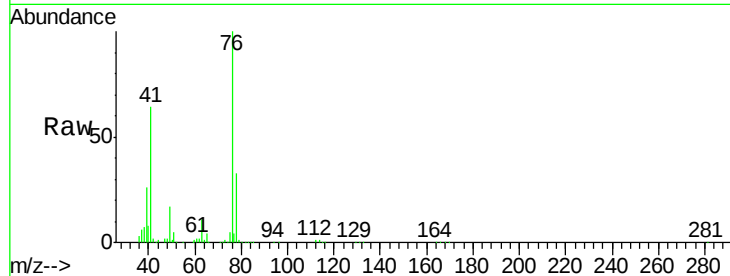
ClientSampleId :

Tot Ion: 76 Resp: 97939

Ion Ratio Lower Upper

76 100

78 31.6 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 101.68 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX002905.D

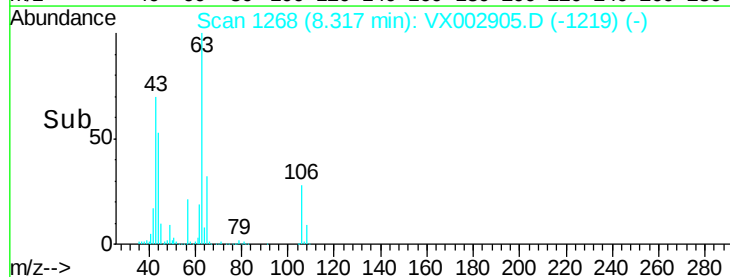
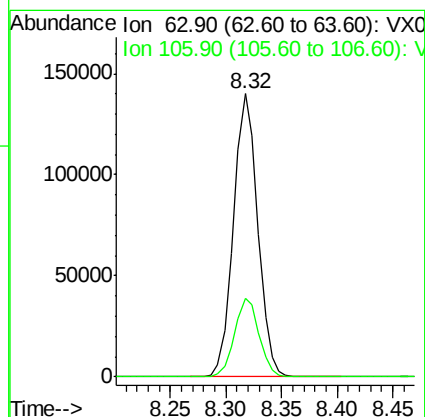
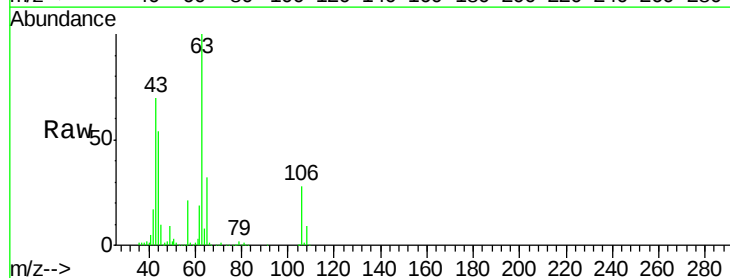
Acq: 26 Jun 2018 20:38

Tgt Ion: 63 Resp: 211619

Ion Ratio Lower Upper

63 100

106 28.0 21.8 32.8

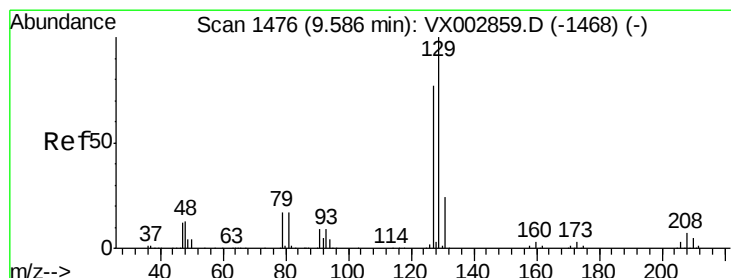
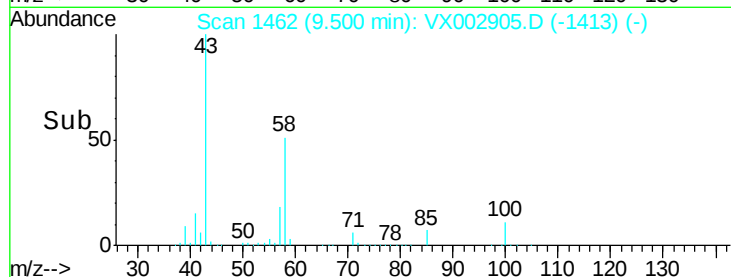
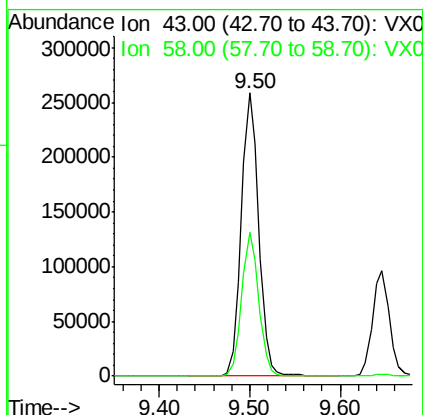
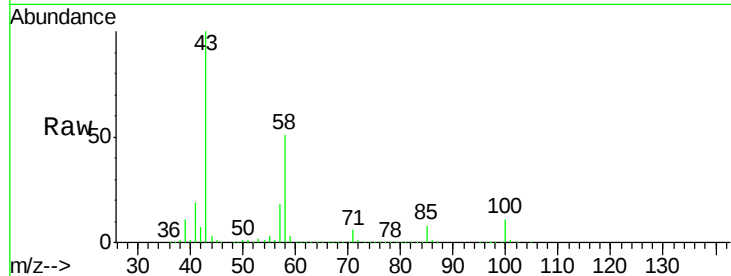




#59
2-Hexanone
Concen: 104.04 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002905.D
Acq: 26 Jun 2018 20:38

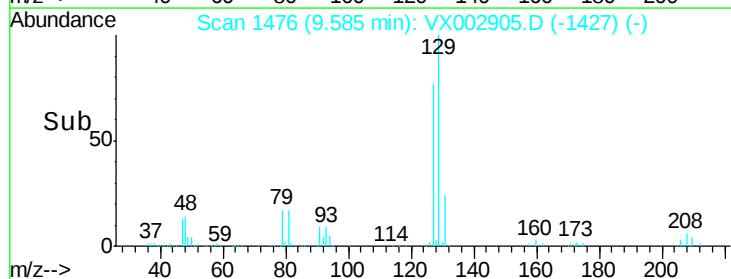
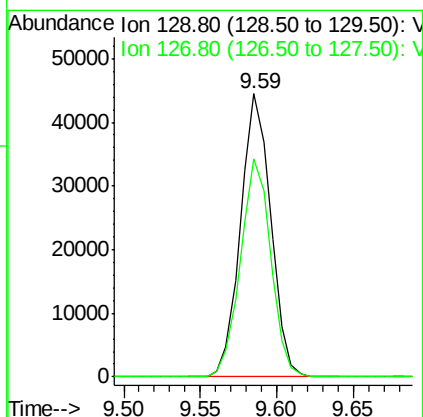
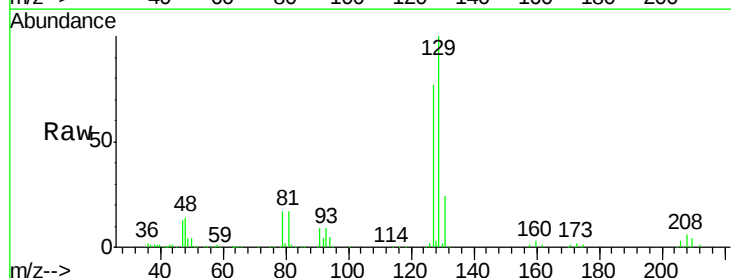
Instrument :
MSVOA_X
ClientSampled :

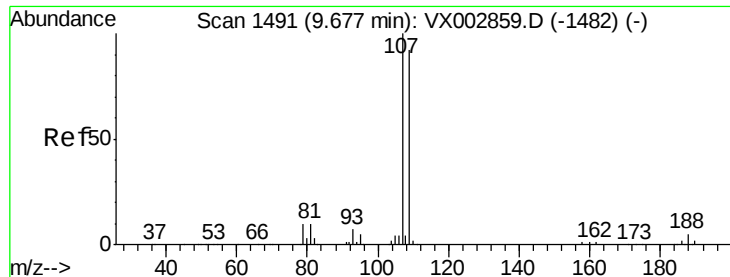
Tot Ion: 43 Resp: 344760
Ion Ratio Lower Upper
43 100
58 49.9 24.6 73.6



#60
Dibromochloromethane
Concen: 19.64 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX002905.D
Acq: 26 Jun 2018 20:38

Tgt Ion:129 Resp: 61034
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.3





#61

1,2-Dibromoethane

Concen: 20.06 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002905.D

Acq: 26 Jun 2018 20:38

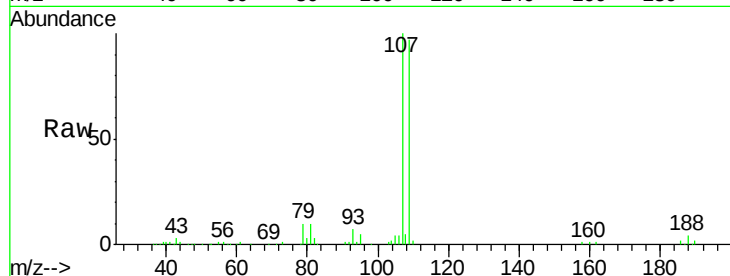
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:107 Resp: 62098

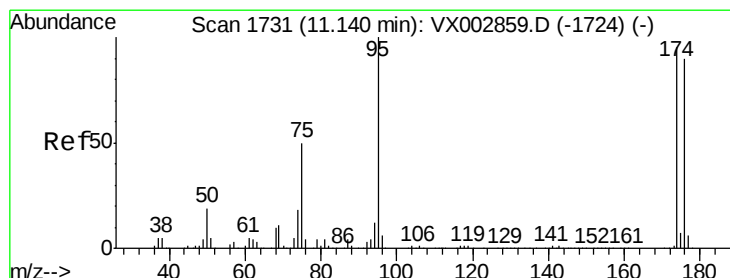
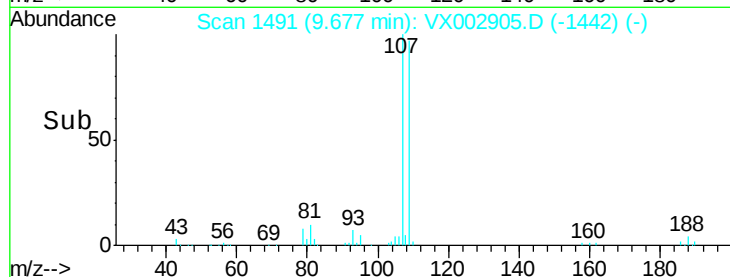
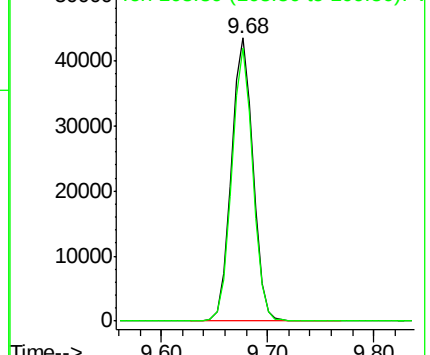
Ion Ratio Lower Upper

107 100

109 94.2 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: 48.66 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002905.D

Acq: 26 Jun 2018 20:38

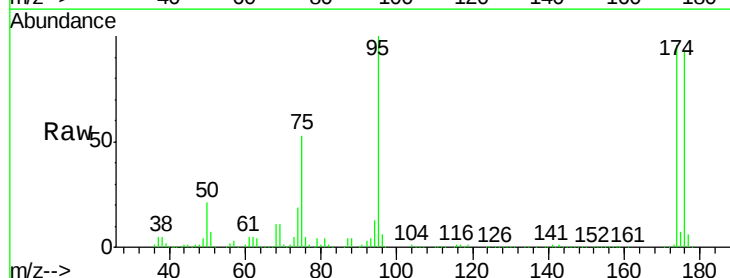
Tgt Ion: 95 Resp: 190970

Ion Ratio Lower Upper

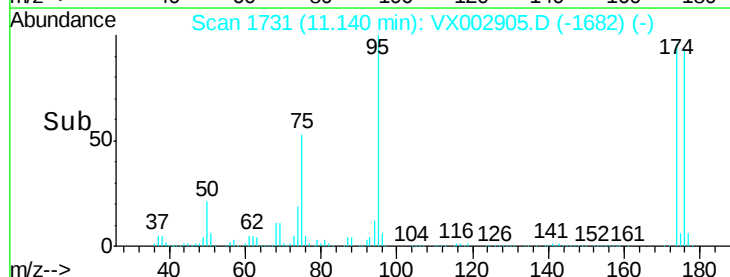
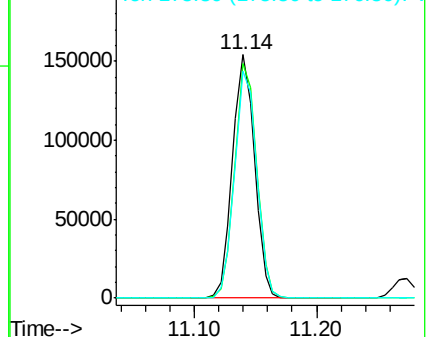
95 100

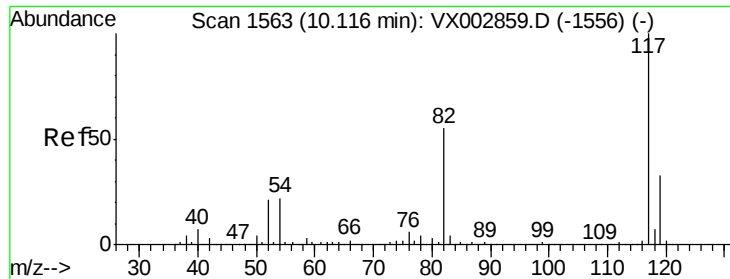
174 96.5 0.0 187.4

176 93.7 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

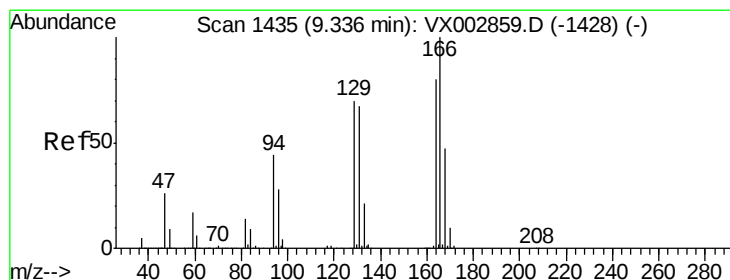
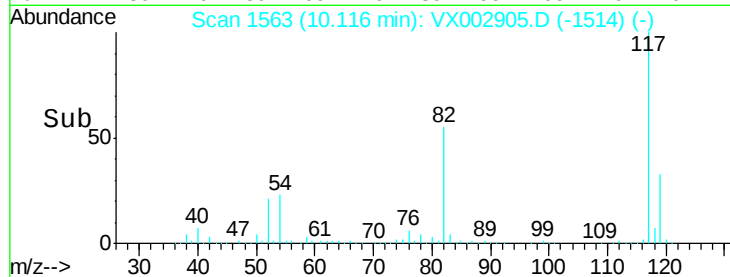
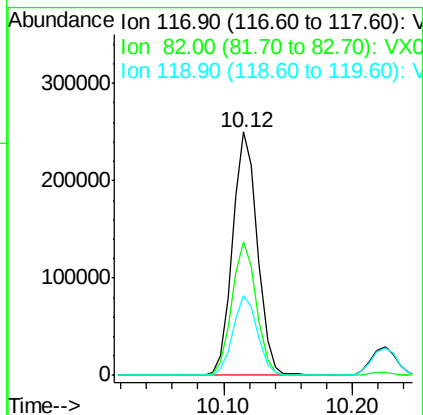
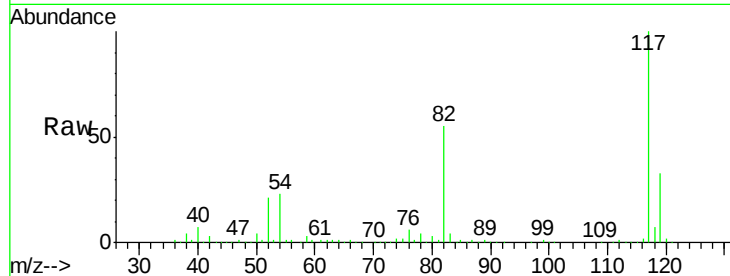




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002905.D
Acq: 26 Jun 2018 20:38

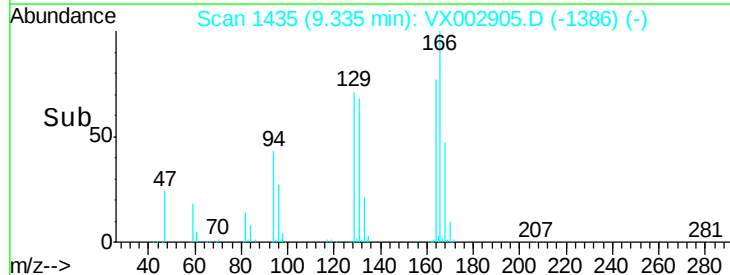
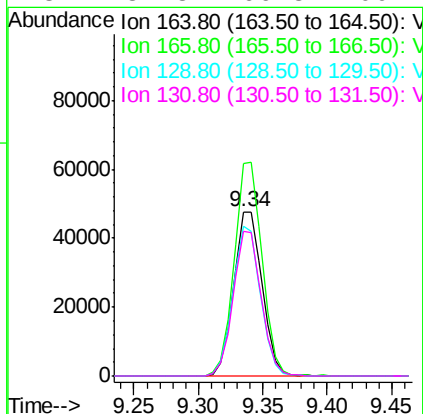
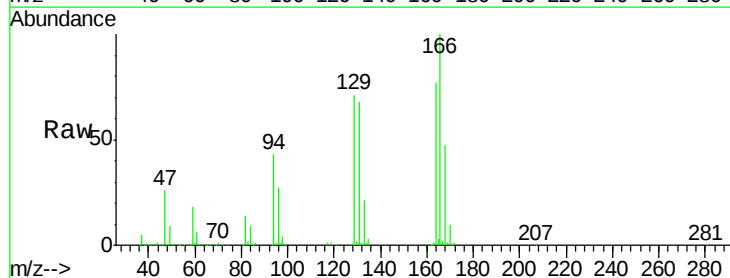
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 336362
Ion Ratio Lower Upper
117 100
82 54.8 45.0 67.4
119 32.6 25.8 38.6



#64
Tetrachloroethene
Concen: 19.57 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX002905.D
Acq: 26 Jun 2018 20:38

Tgt Ion:164 Resp: 73186
Ion Ratio Lower Upper
164 100
166 129.4 102.9 154.3
129 91.5 68.6 102.8
131 87.8 66.8 100.2





#65

Chlorobenzene

Concen: 19.29 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VX002905.D

Acq: 26 Jun 2018 20:38

Instrument :

MSVOA_X

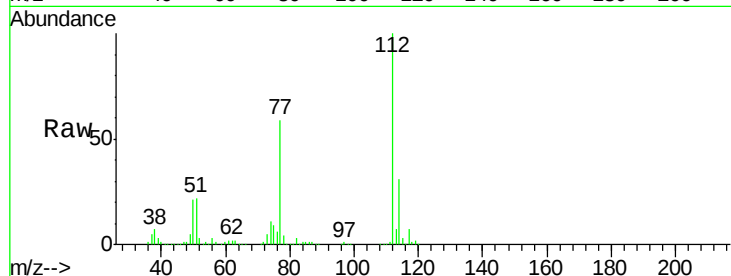
ClientSampled :

Tot Ion:112 Resp: 164786

Ion Ratio Lower Upper

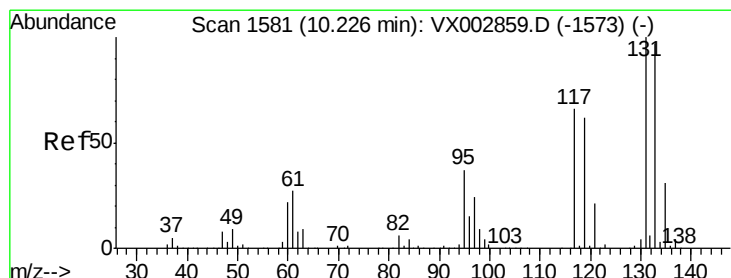
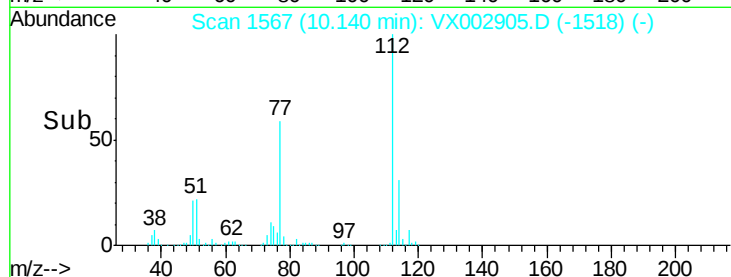
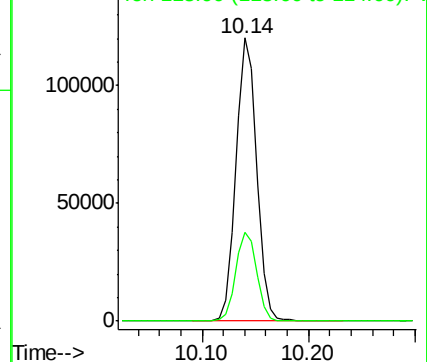
112 100

114 31.5 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: 19.69 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX002905.D

Acq: 26 Jun 2018 20:38

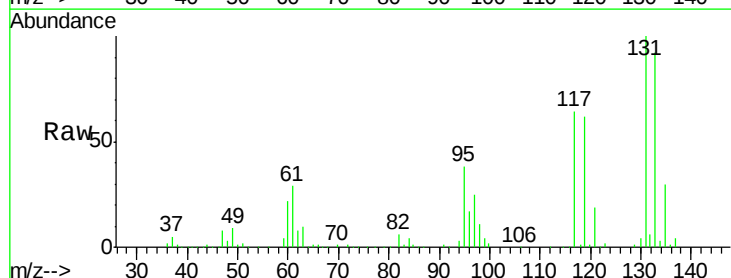
Tgt Ion:131 Resp: 61119

Ion Ratio Lower Upper

131 100

133 95.5 47.9 143.6

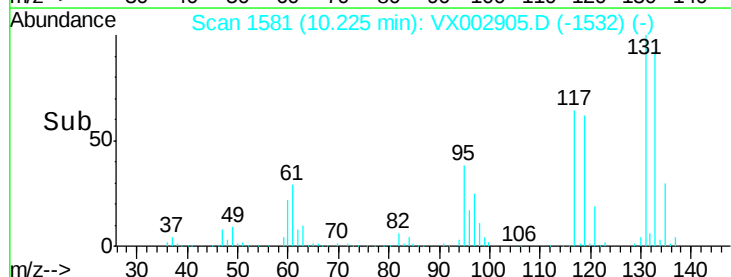
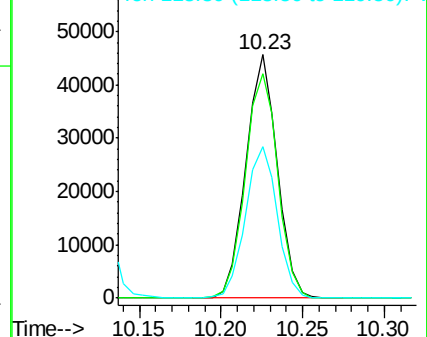
119 63.5 31.8 95.3

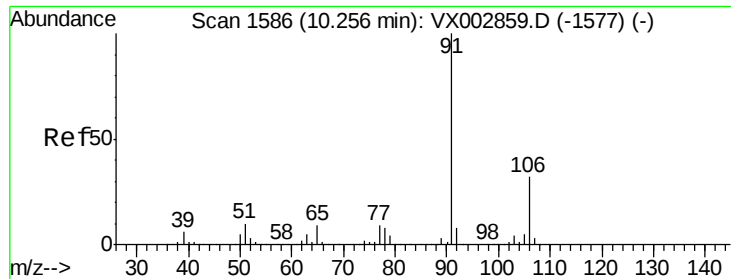


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

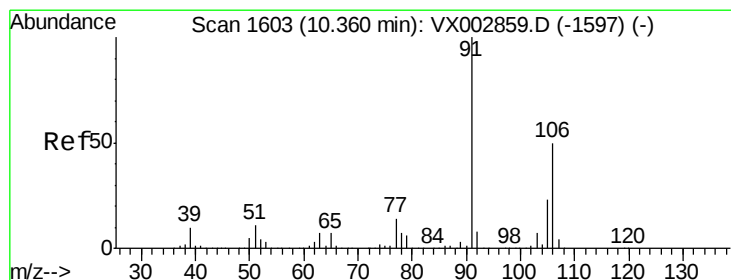
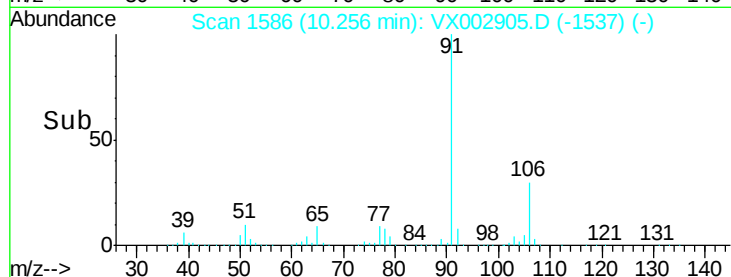
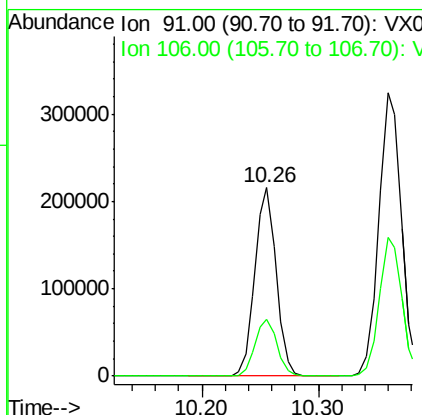
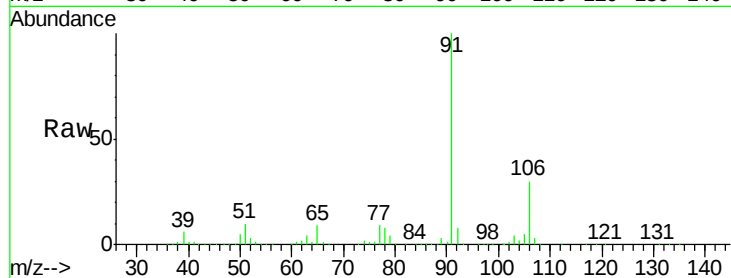




#67
Ethyl Benzene
Concen: 19.69 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002905.D
Acq: 26 Jun 2018 20:38

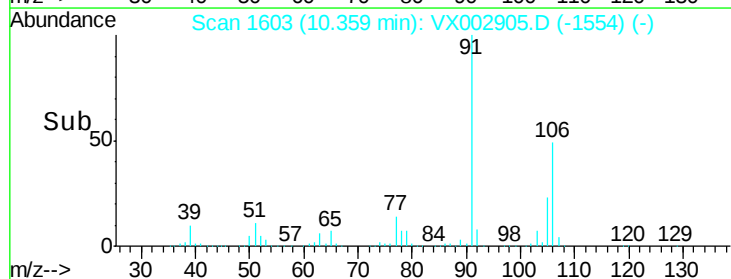
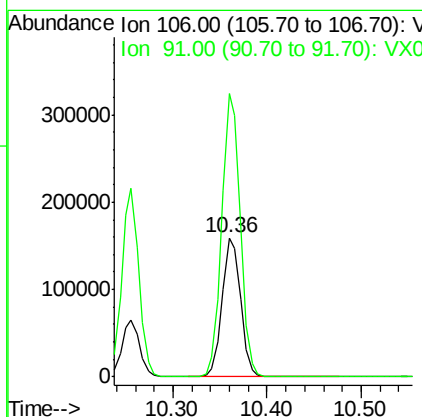
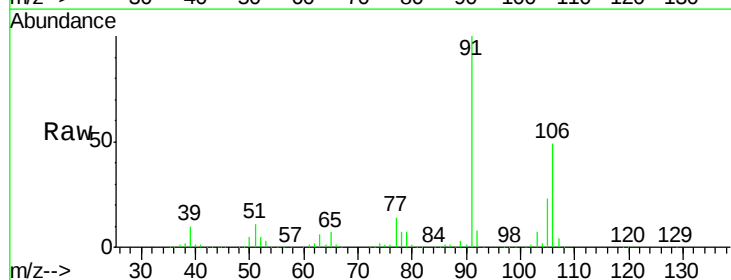
Instrument :
MSVOA_X
ClientSampleId :

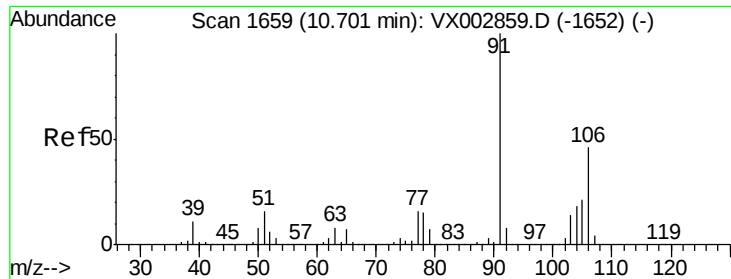
Tot Ion: 91 Resp: 277879
Ion Ratio Lower Upper
91 100
106 30.1 25.5 38.3



#68
m/p-Xylenes
Concen: 39.61 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX002905.D
Acq: 26 Jun 2018 20:38

Tgt Ion: 106 Resp: 215443
Ion Ratio Lower Upper
106 100
91 204.0 163.4 245.2

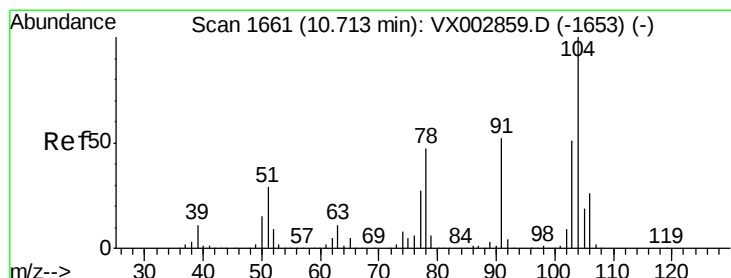
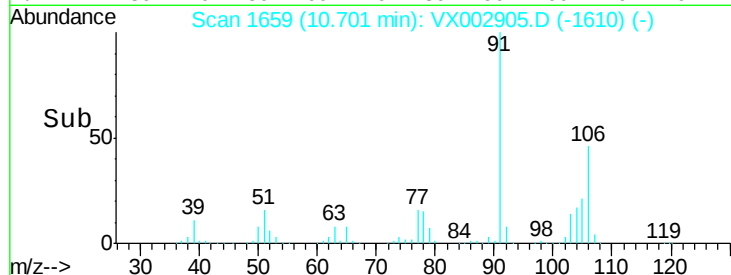
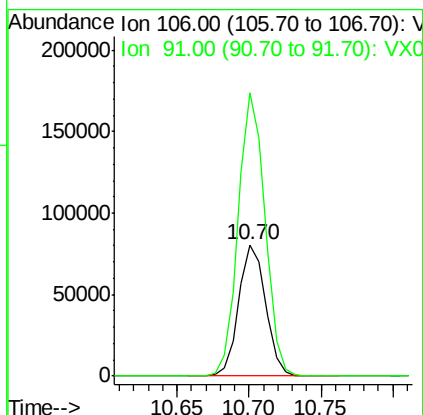
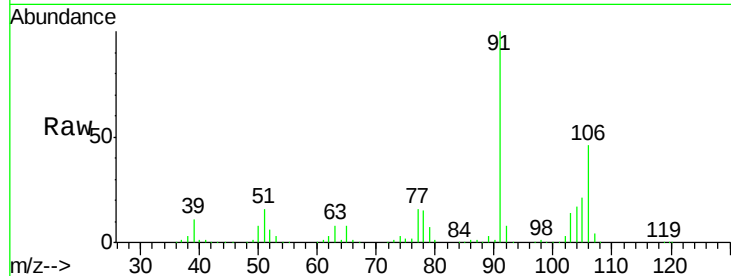




#69
o-Xylene
Concen: 19.83 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002905.D
Acq: 26 Jun 2018 20:38

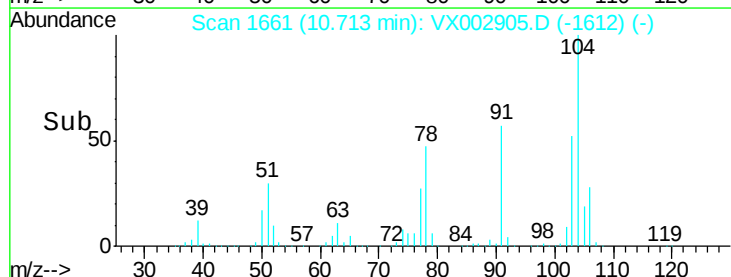
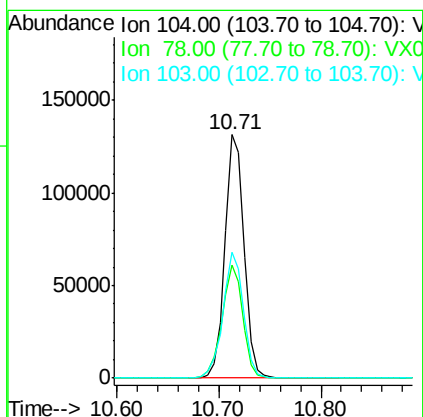
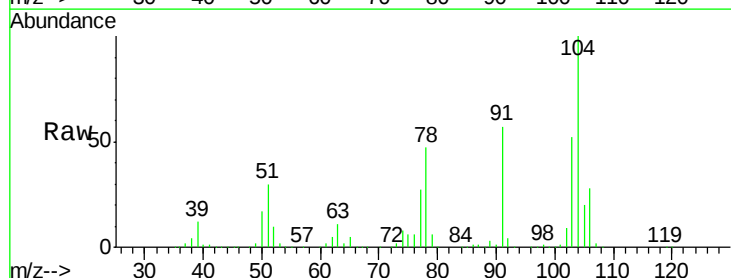
Instrument :
MSVOA_X
ClientSampleId :

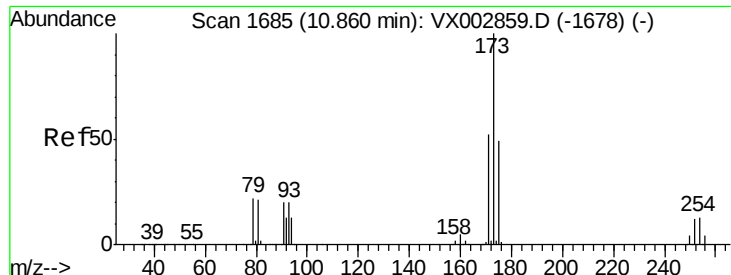
Tot Ion:106 Resp: 105026
Ion Ratio Lower Upper
106 100
91 214.5 108.2 324.6



#70
Styrene
Concen: 19.79 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX002905.D
Acq: 26 Jun 2018 20:38

Tgt Ion:104 Resp: 170302
Ion Ratio Lower Upper
104 100
78 50.9 41.0 61.6
103 55.7 44.2 66.4

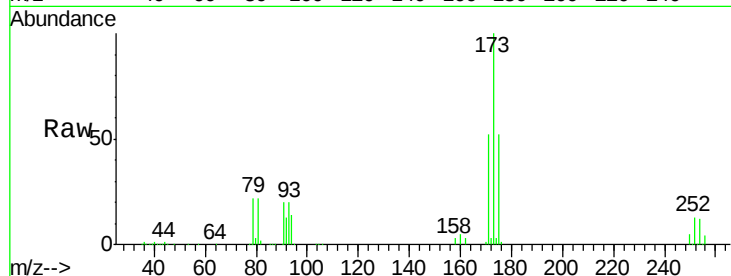




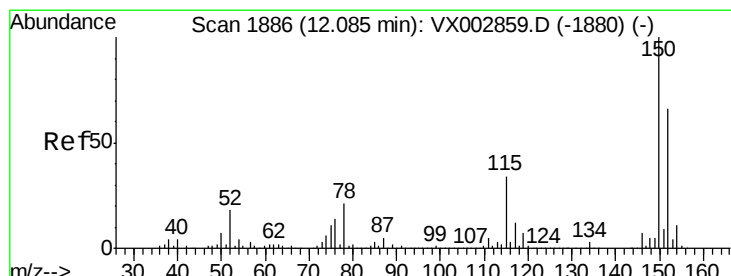
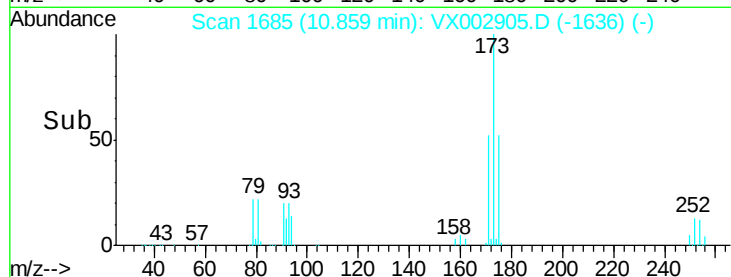
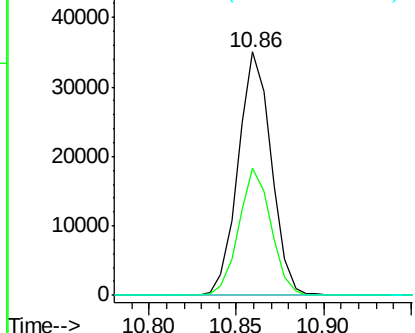
#71
Bromoform
Concen: 19.06 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX002905.D
Acq: 26 Jun 2018 20:38

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:173 Resp: 46113
Ion Ratio Lower Upper
173 100
175 50.4 24.7 74.1
254 0.1 0.2 0.2#

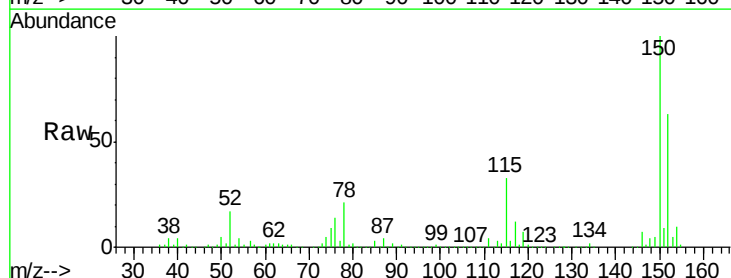


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

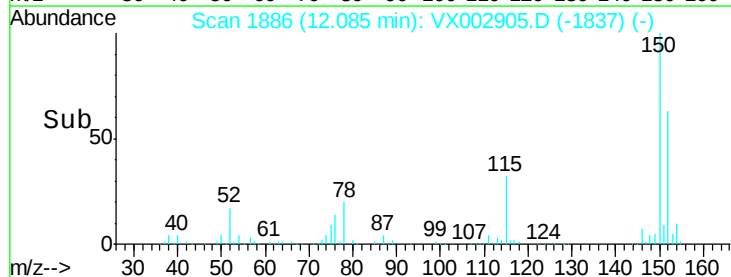
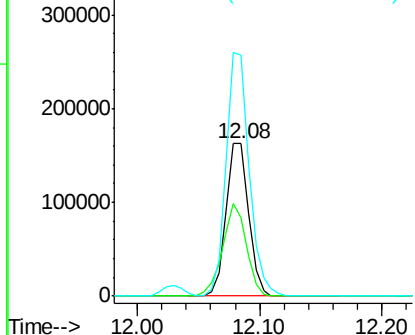


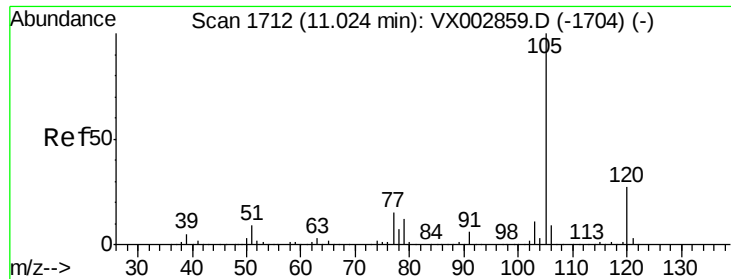
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002905.D
Acq: 26 Jun 2018 20:38

Tgt Ion:152 Resp: 206419
Ion Ratio Lower Upper
152 100
115 64.2 40.1 120.2
150 163.9 0.0 347.2



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





#73

Isopropylbenzene

Concen: 20.56 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002905.D

Acq: 26 Jun 2018 20:38

Instrument :

MSVOA_X

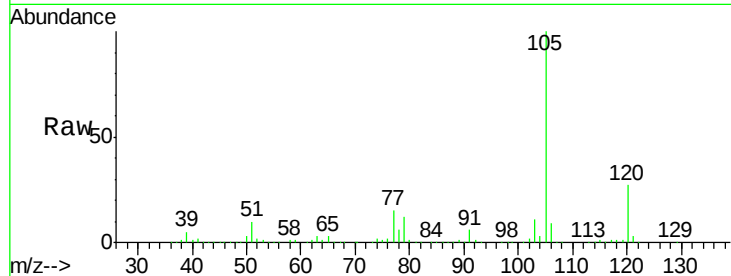
ClientSampleId :

Tot Ion:105 Resp: 285555

Ion Ratio Lower Upper

105 100

120 27.1 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

200000

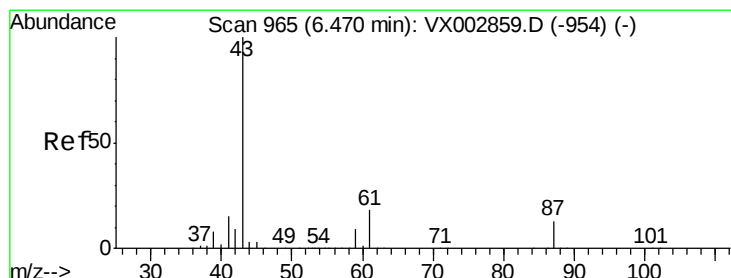
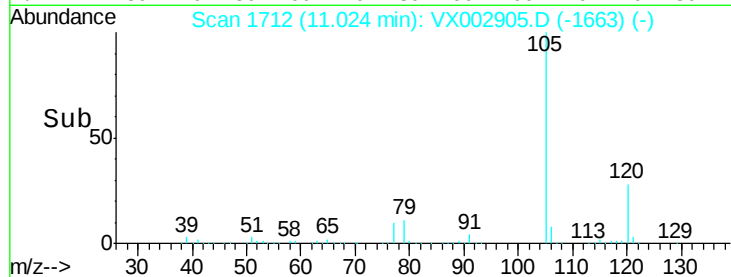
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 20.11 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002905.D

Acq: 26 Jun 2018 20:38

Tgt Ion: 43 Resp: 136666

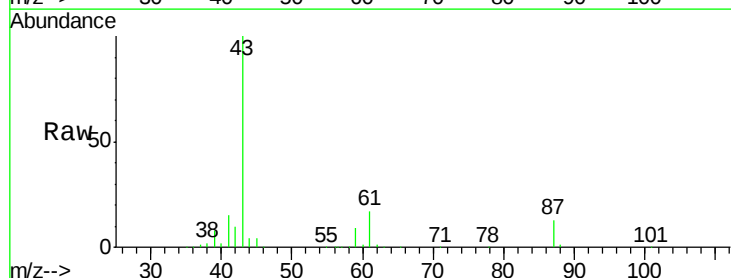
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 18.0 14.4 21.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

6.47

80000

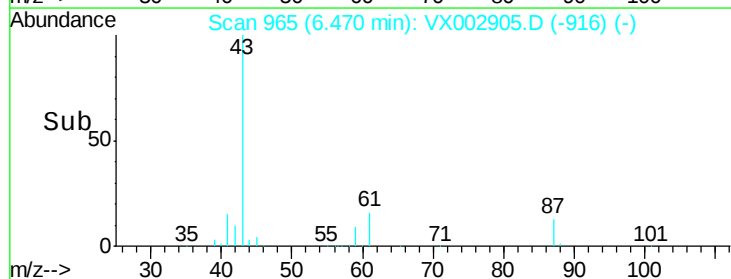
60000

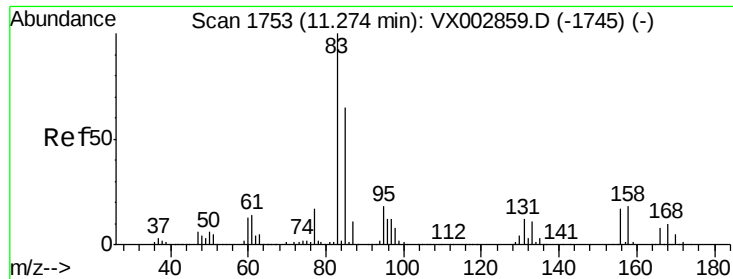
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.88 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002905.D

Acq: 26 Jun 2018 20:38

Instrument :

MSVOA_X

ClientSampleId :

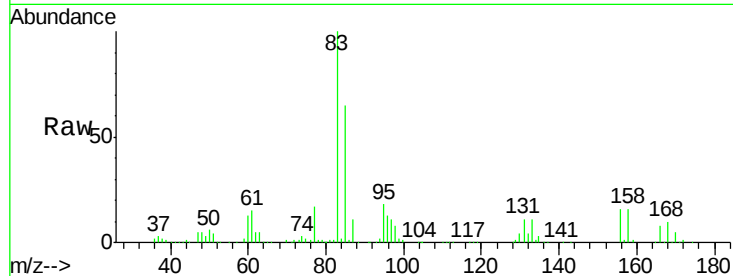
Tot Ion: 83 Resp: 89317

Ion Ratio Lower Upper

83 100

131 11.1 5.6 16.8

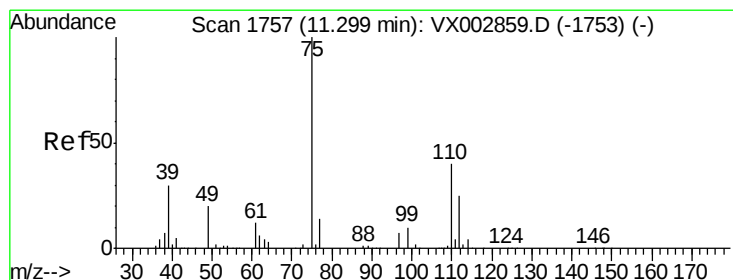
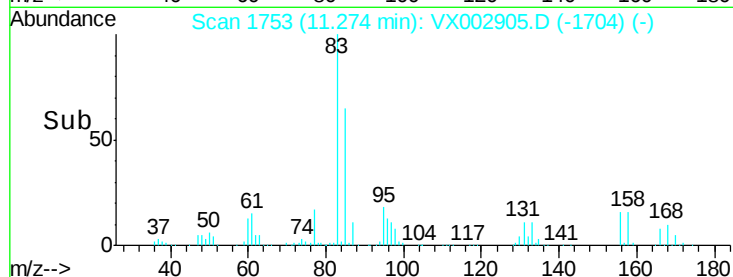
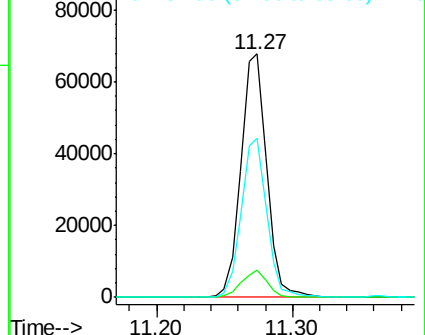
85 64.9 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 25.53 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX002905.D

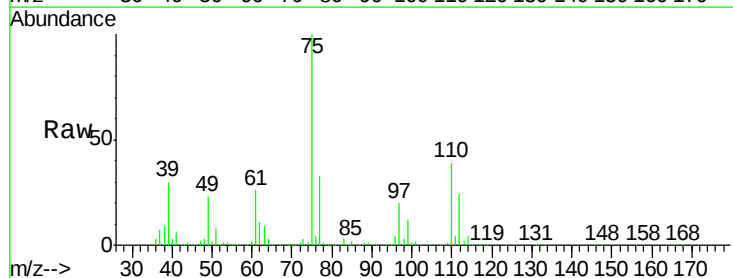
Acq: 26 Jun 2018 20:38

Tgt Ion: 75 Resp: 95469

Ion Ratio Lower Upper

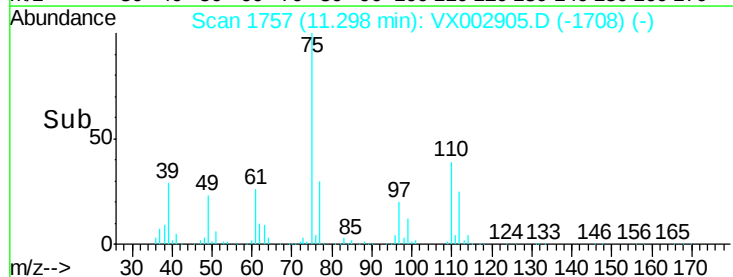
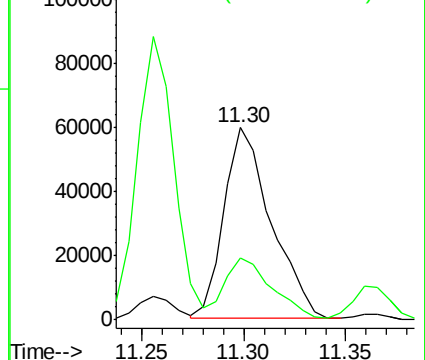
75 100

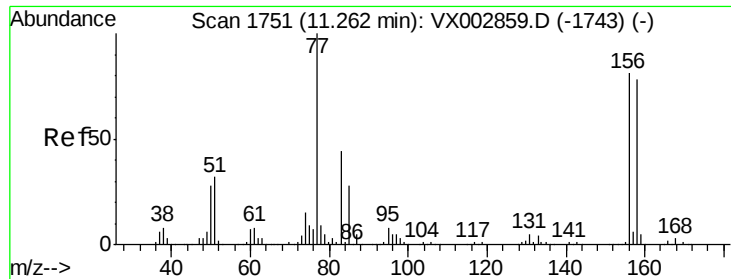
77 33.0 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.11 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX002905.D

Acq: 26 Jun 2018 20:38

Instrument :

MSVOA_X

ClientSampleId :

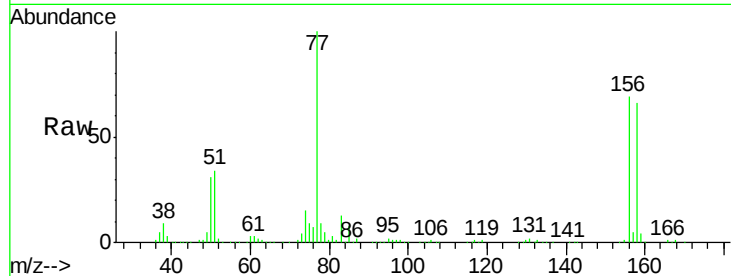
Tot Ion:156 Resp: 79520

Ion Ratio Lower Upper

156 100

77 139.9 71.4 214.2

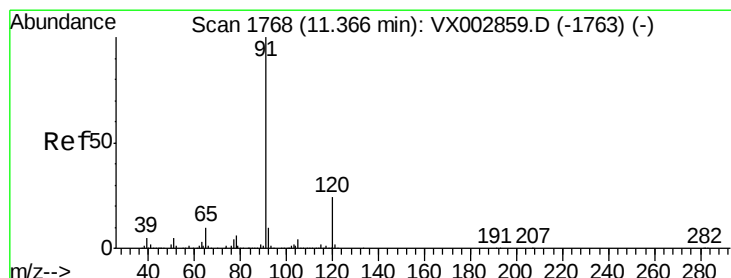
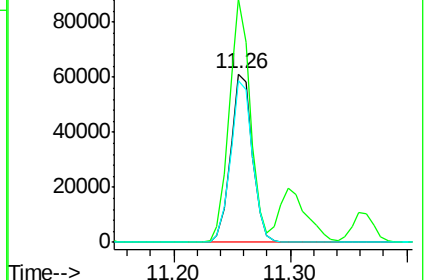
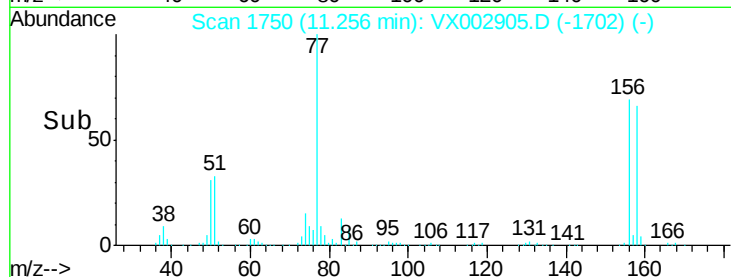
158 96.4 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.39 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002905.D

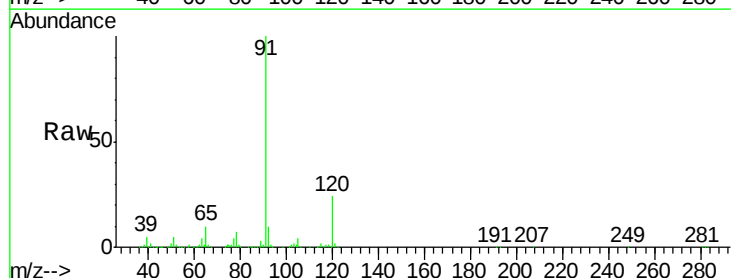
Acq: 26 Jun 2018 20:38

Tgt Ion: 91 Resp: 322276

Ion Ratio Lower Upper

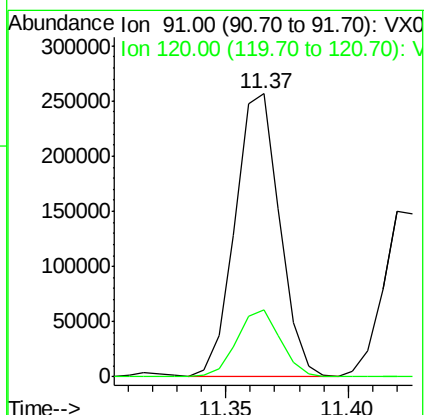
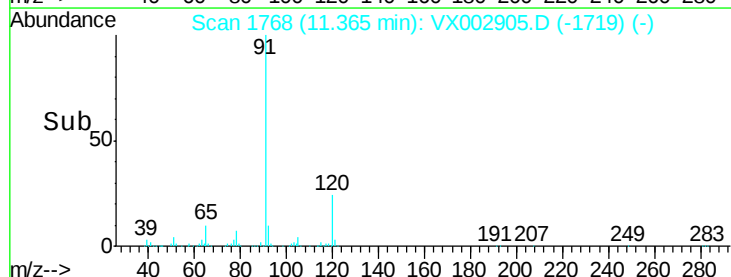
91 100

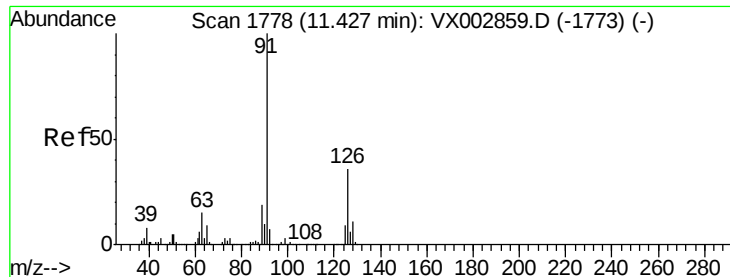
120 23.5 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

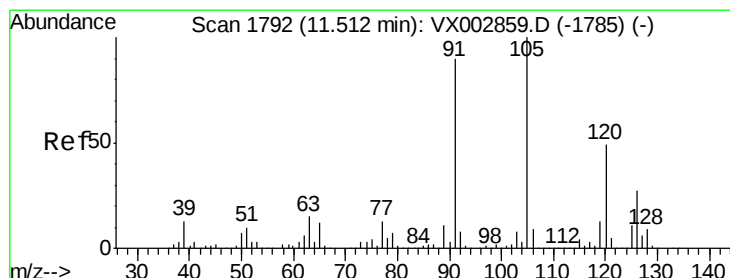
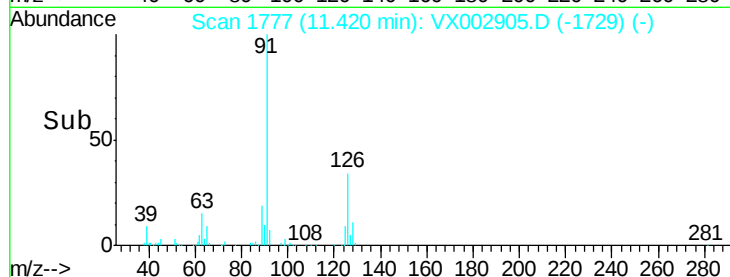
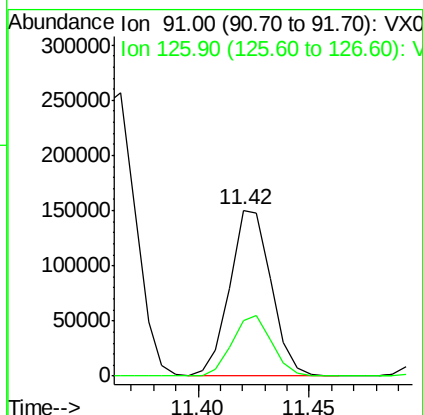
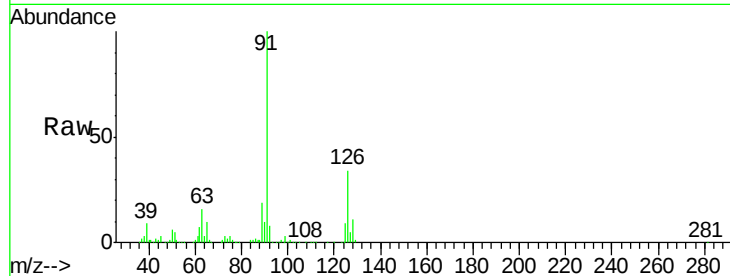




#79
 2-Chlorotoluene
 Concen: 20.23 ug/l
 RT: 11.42 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: VX002905.D
 Acq: 26 Jun 2018 20:38

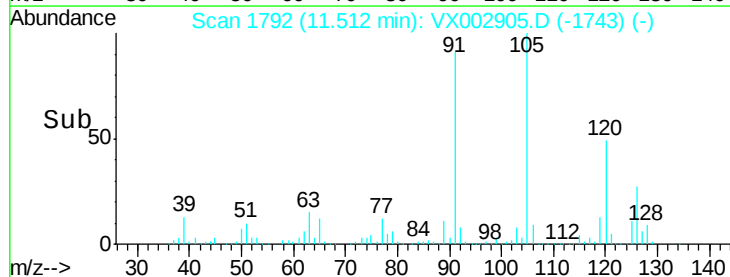
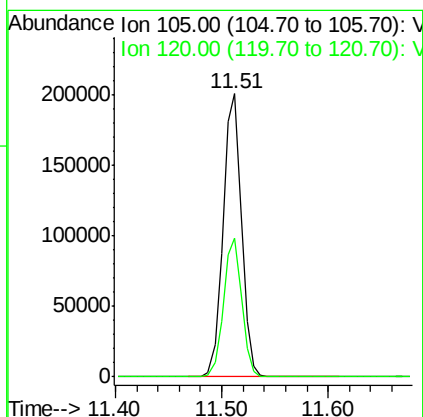
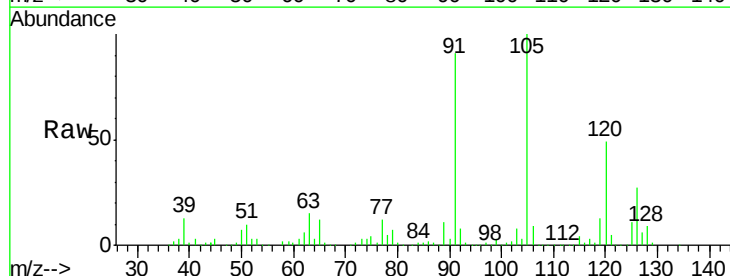
Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion: 91 Resp: 193558
 Ion Ratio Lower Upper
 91 100
 126 35.8 17.7 53.1



#80
 1,3,5-Trimethylbenzene
 Concen: 20.77 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX002905.D
 Acq: 26 Jun 2018 20:38

Tgt Ion: 105 Resp: 242905
 Ion Ratio Lower Upper
 105 100
 120 48.3 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 17.76 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX002905.D

Acq: 26 Jun 2018 20:38

Instrument :

MSVOA_X

ClientSampleId :

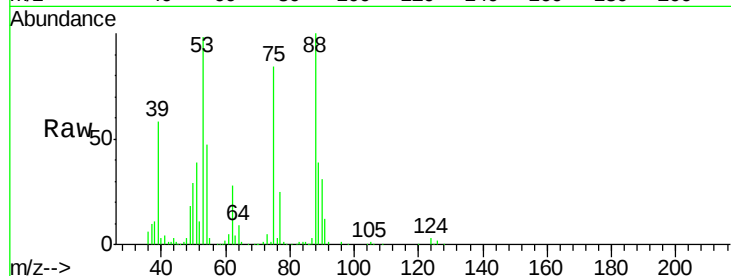
Tot Ion: 75 Resp: 19891

Ion Ratio Lower Upper

75 100

53 124.5 86.8 130.2

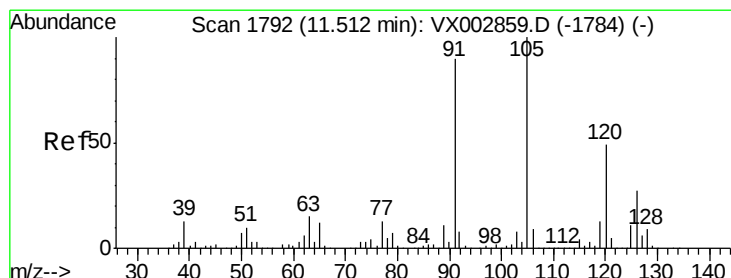
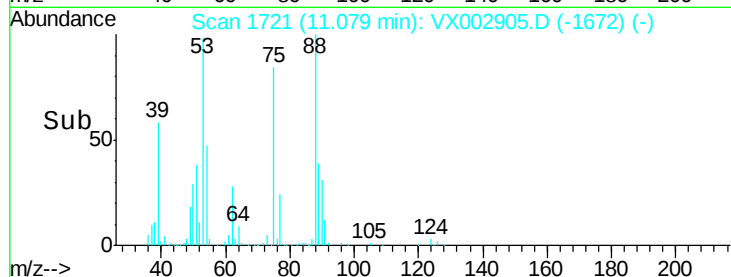
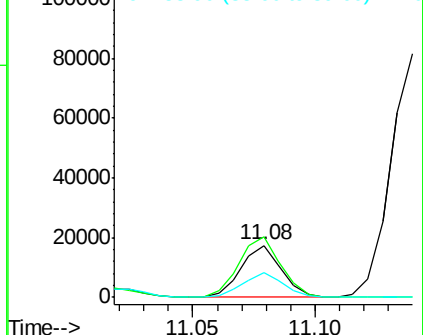
89 48.1 38.2 57.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 20.08 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002905.D

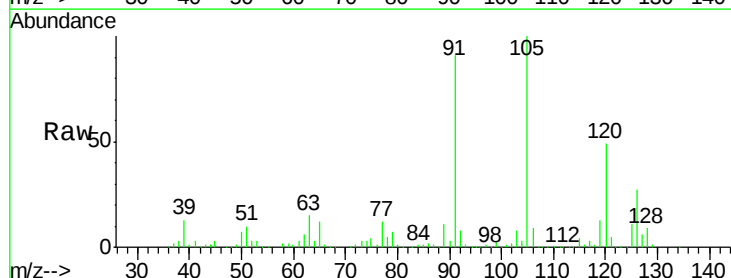
Acq: 26 Jun 2018 20:38

Tgt Ion: 91 Resp: 227500

Ion Ratio Lower Upper

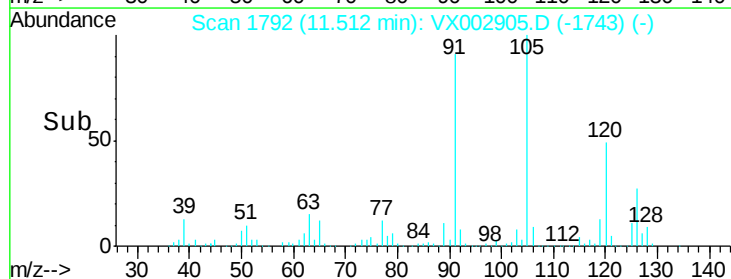
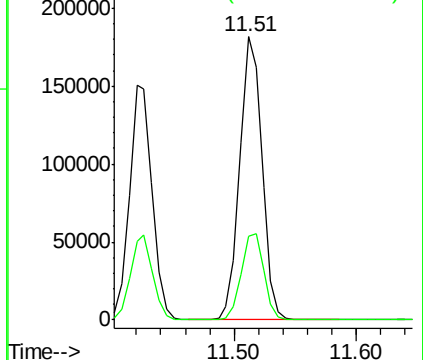
91 100

126 31.1 15.4 46.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

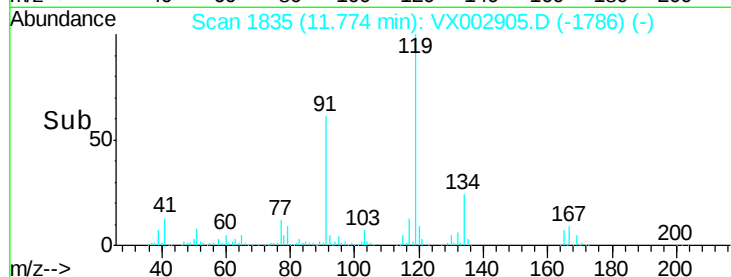
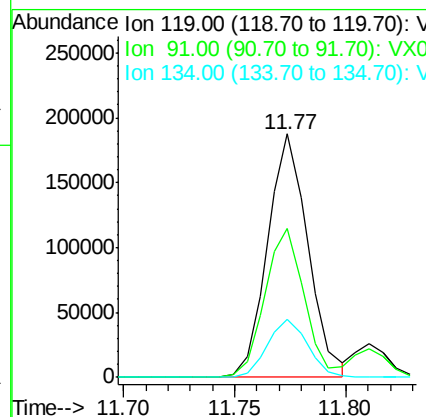
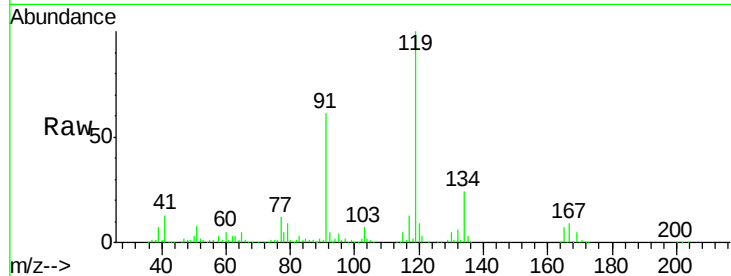




#83
tert-Butylbenzene
Concen: 20.55 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX002905.D
Acq: 26 Jun 2018 20:38

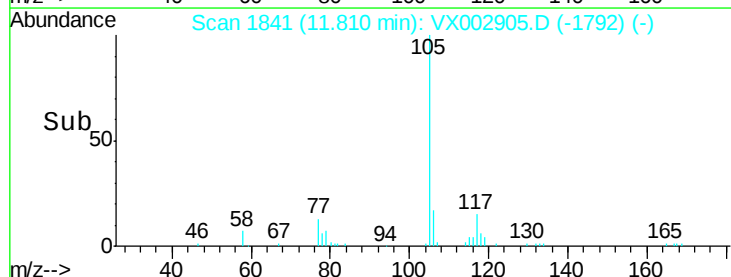
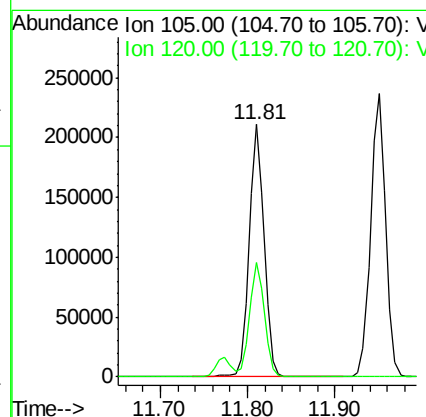
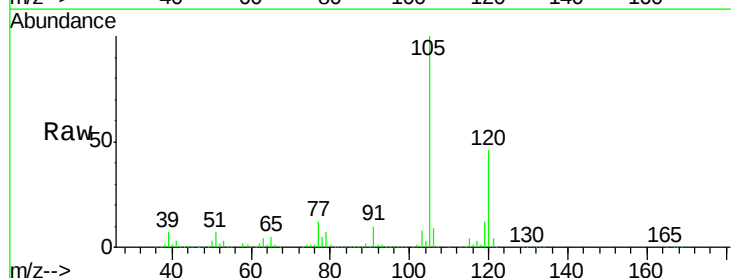
Instrument :
MSVOA_X
ClientSampled :

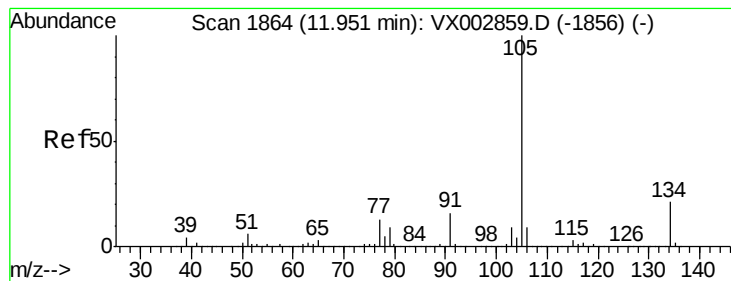
Tot Ion:119 Resp: 236877
Ion Ratio Lower Upper
119 100
91 59.9 30.3 90.9
134 23.5 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 20.60 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX002905.D
Acq: 26 Jun 2018 20:38

Tgt Ion:105 Resp: 249667
Ion Ratio Lower Upper
105 100
120 45.2 22.3 66.8





#85

sec-Butylbenzene

Concen: 20.41 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002905.D

Acq: 26 Jun 2018 20:38

Instrument :

MSVOA_X

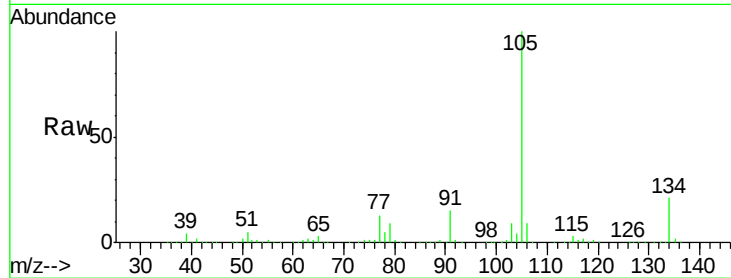
ClientSampleId :

Tot Ion:105 Resp: 285350

Ion Ratio Lower Upper

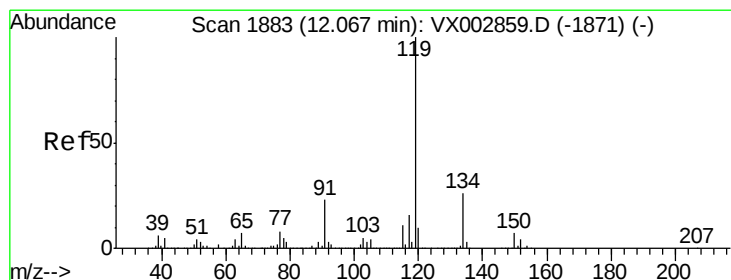
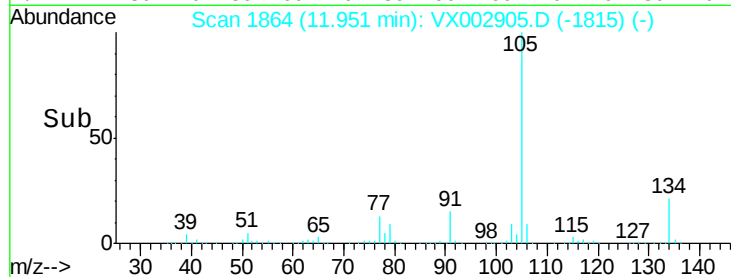
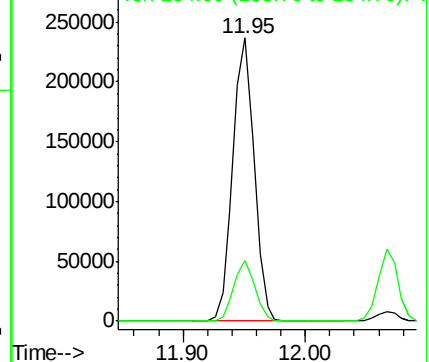
105 100

134 21.2 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.20 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002905.D

Acq: 26 Jun 2018 20:38

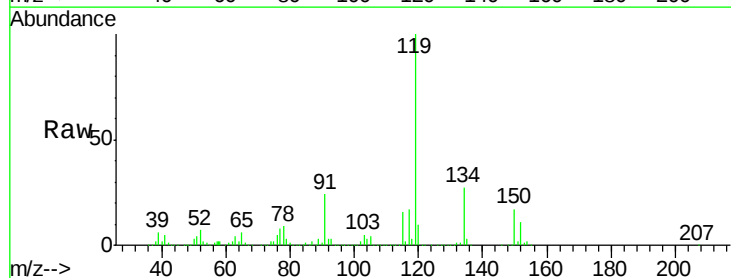
Tgt Ion:119 Resp: 253963

Ion Ratio Lower Upper

119 100

134 27.2 13.4 40.1

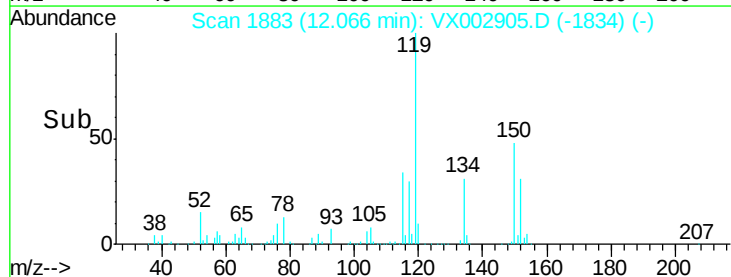
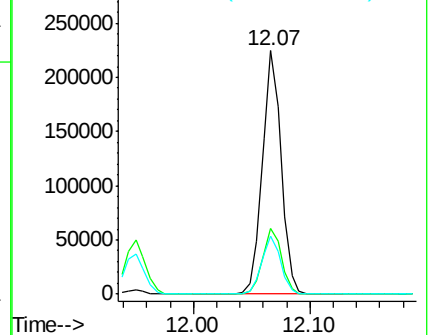
91 23.8 11.9 35.7

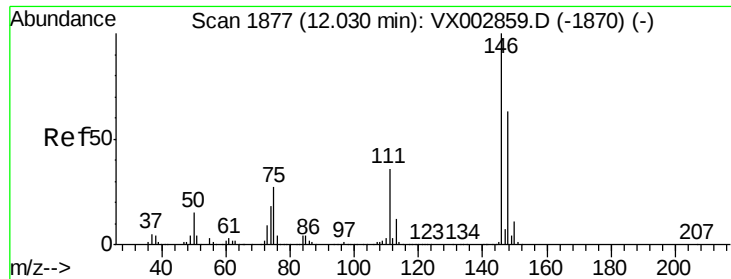


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

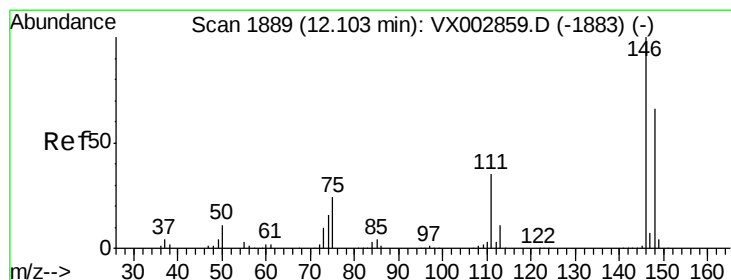
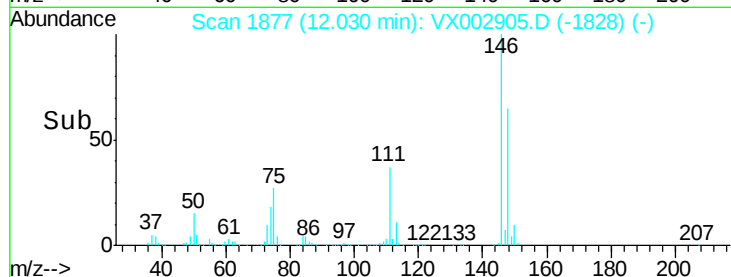
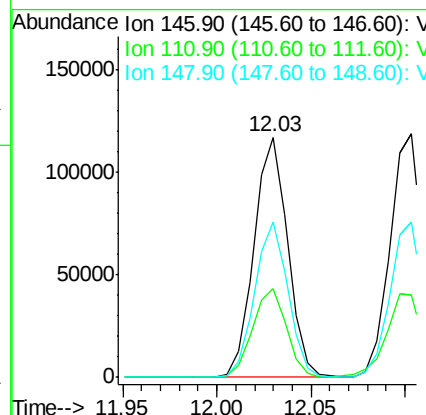
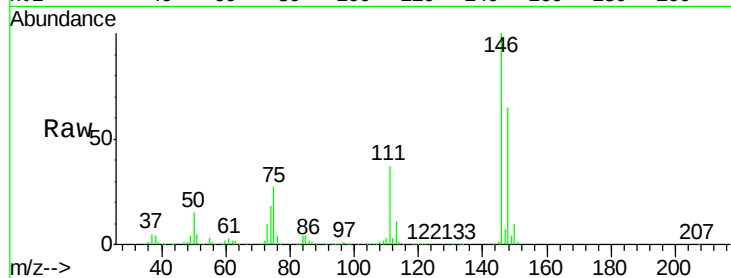




#87
 1,3-Dichlorobenzene
 Concen: 19.98 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002905.D
 Acq: 26 Jun 2018 20:38

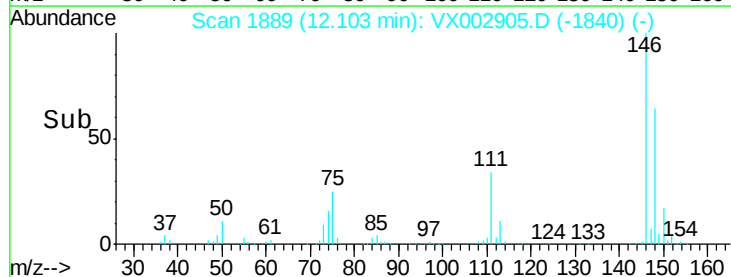
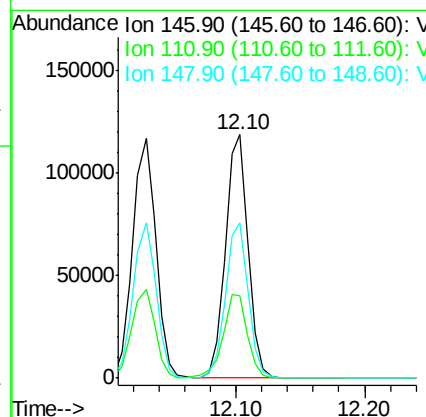
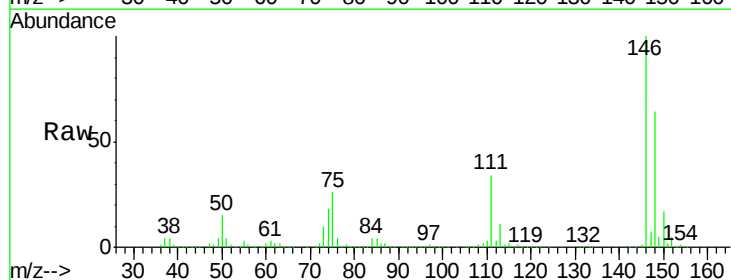
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:146 Resp: 144309
 Ion Ratio Lower Upper
 146 100
 111 37.2 18.9 56.7
 148 64.3 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 19.78 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX002905.D
 Acq: 26 Jun 2018 20:38

Tgt Ion:146 Resp: 146995
 Ion Ratio Lower Upper
 146 100
 111 37.1 18.7 56.1
 148 64.5 32.4 97.0

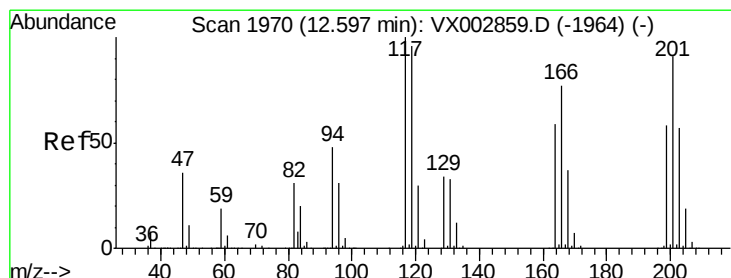
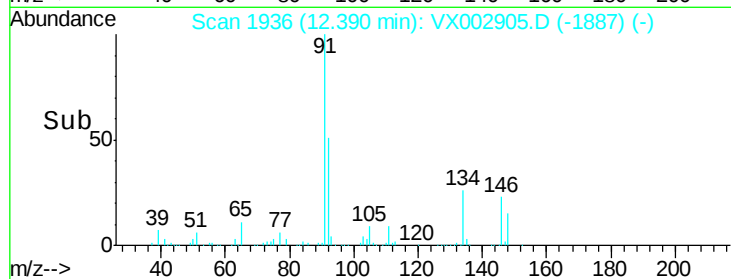
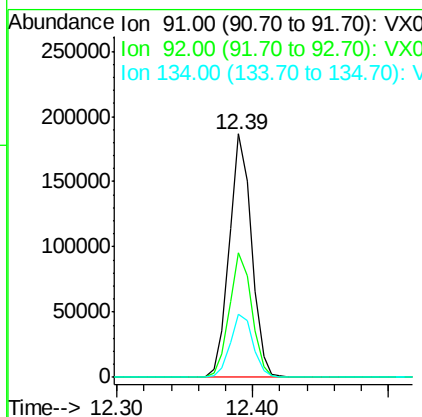
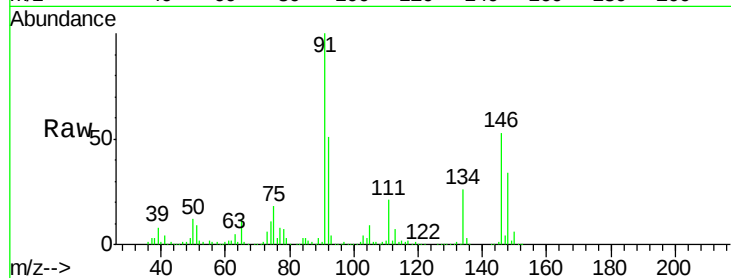




#89
n-Butylbenzene
Concen: 19.45 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX002905.D
Acq: 26 Jun 2018 20:38

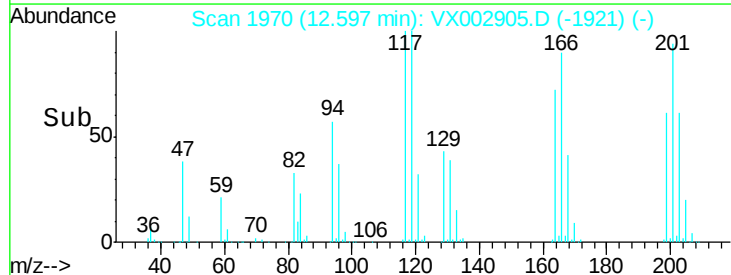
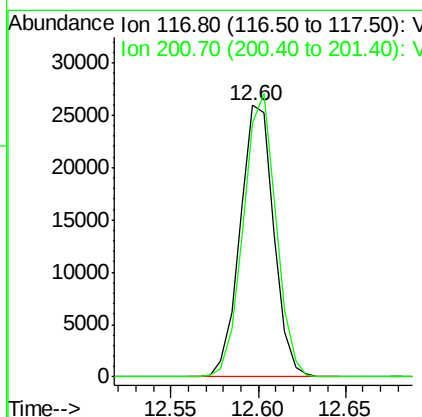
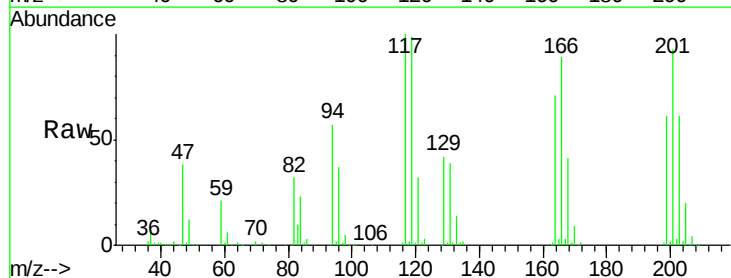
Instrument :
MSVOA_X
ClientSampleId :

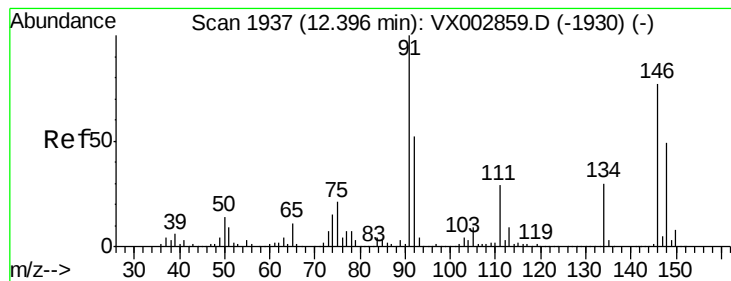
Tot Ion: 91 Resp: 212798
Ion Ratio Lower Upper
91 100
92 51.6 26.0 78.0
134 26.7 13.5 40.5



#90
Hexachloroethane
Concen: 18.53 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VX002905.D
Acq: 26 Jun 2018 20:38

Tgt Ion: 117 Resp: 34644
Ion Ratio Lower Upper
117 100
201 100.7 49.0 147.0





#91

1,2-Dichlorobenzene

Concen: 19.80 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX002905.D

Acq: 26 Jun 2018 20:38

Instrument :

MSVOA_X

ClientSampleId :

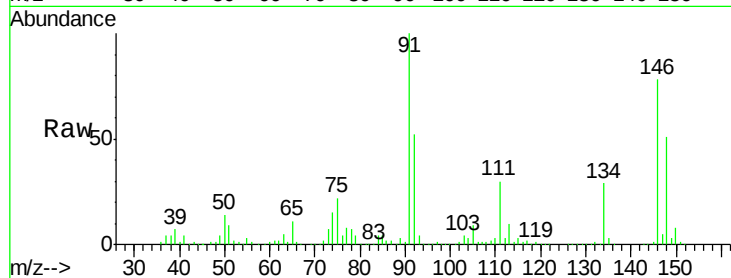
Tot Ion:146 Resp: 144310

Ion Ratio Lower Upper

146 100

111 38.6 19.4 58.1

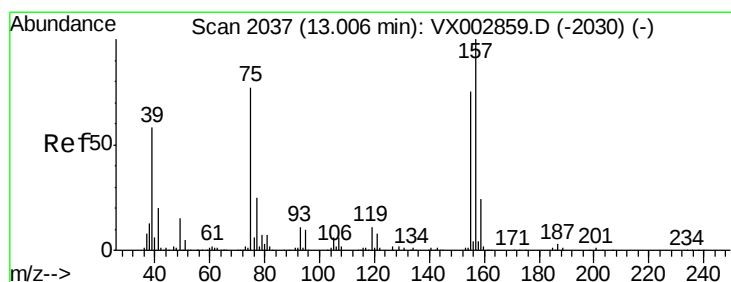
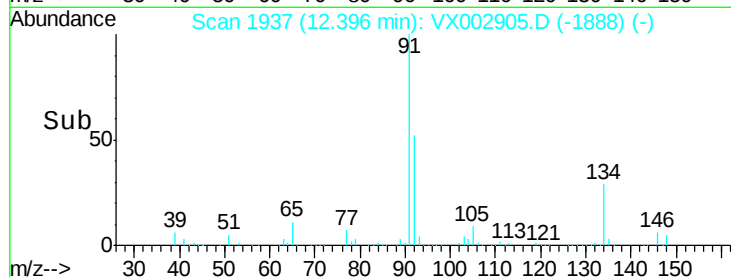
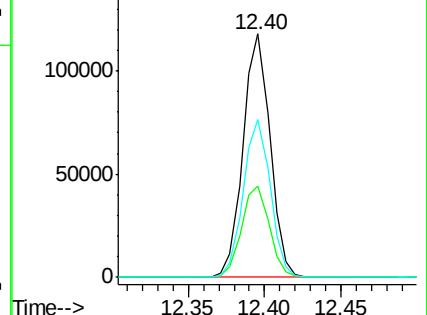
148 64.8 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.33 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. -0.00 min

Lab File: VX002905.D

Acq: 26 Jun 2018 20:38

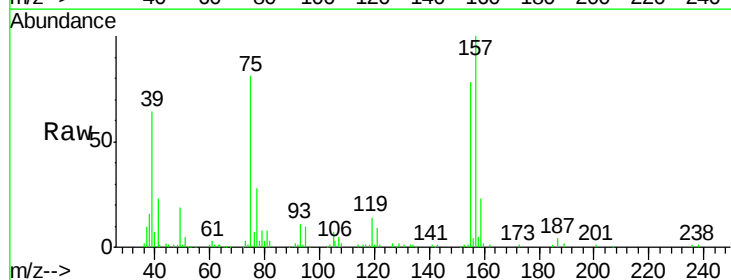
Tgt Ion: 75 Resp: 18592

Ion Ratio Lower Upper

75 100

155 90.5 45.8 137.4

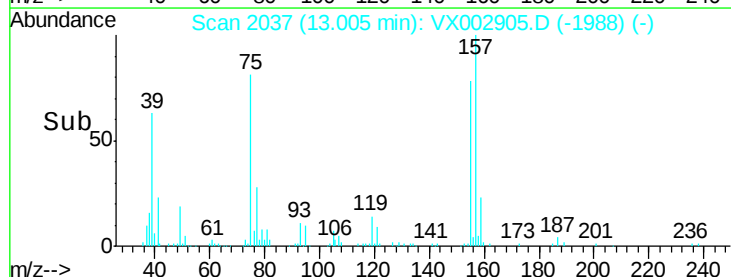
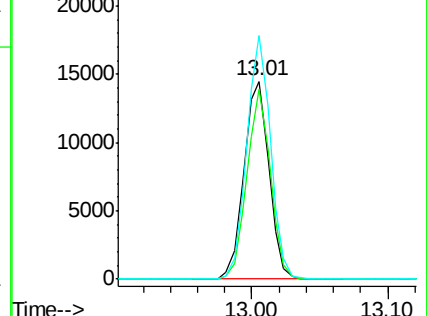
157 116.7 60.1 180.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

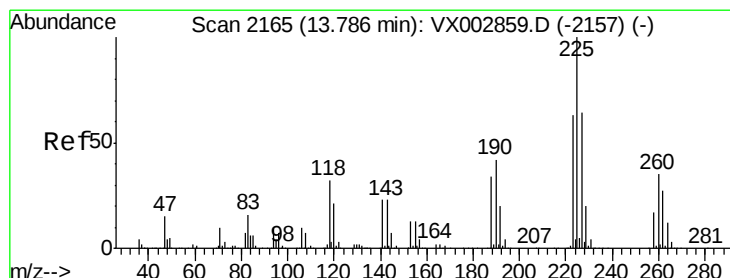
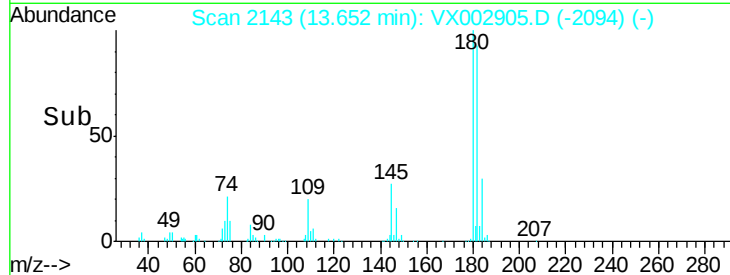
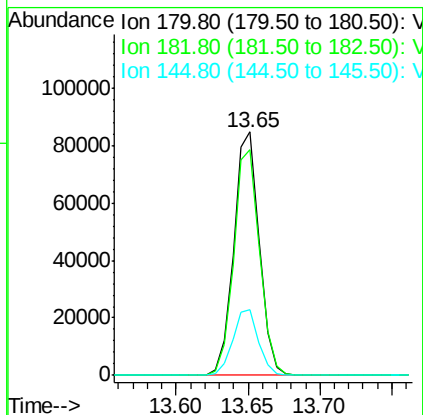
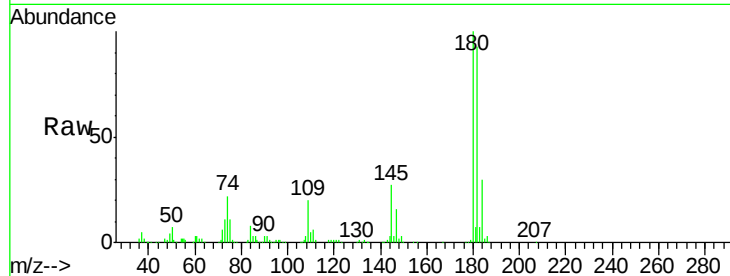




#93
 1,2,4-Trichlorobenzene
 Concen: 19.73 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002905.D
 Acq: 26 Jun 2018 20:38

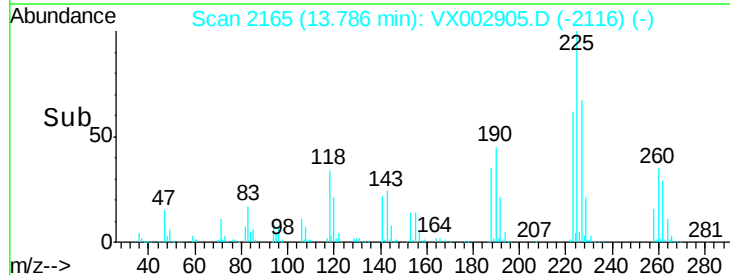
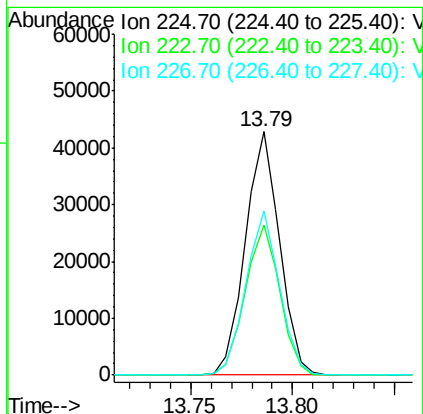
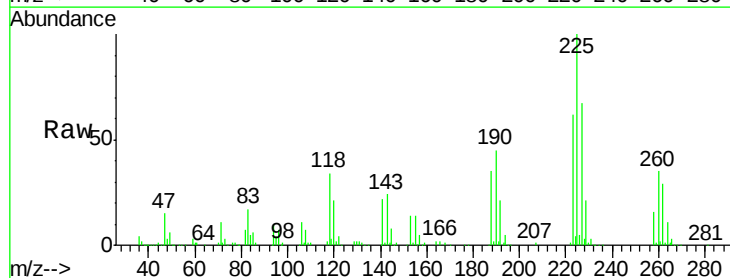
Instrument :
 MSVOA_X
 ClientSampleId :

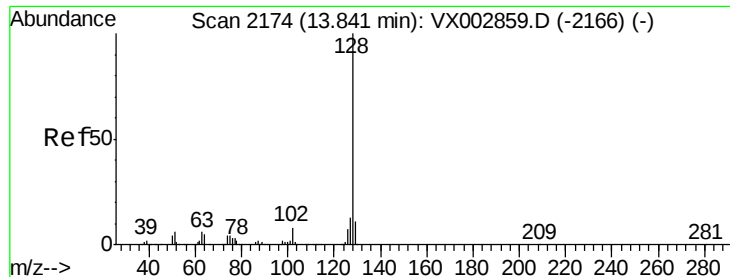
Tot Ion:180 Resp: 104698
 Ion Ratio Lower Upper
 180 100
 182 94.4 47.7 143.1
 145 27.5 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 18.86 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002905.D
 Acq: 26 Jun 2018 20:38

Tgt Ion:225 Resp: 49909
 Ion Ratio Lower Upper
 225 100
 223 62.3 31.6 95.0
 227 66.2 32.4 97.2





#95

Naphthalene

Concen: 20.47 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002905.D

Acq: 26 Jun 2018 20:38

Instrument :

MSVOA_X

ClientSampleId :

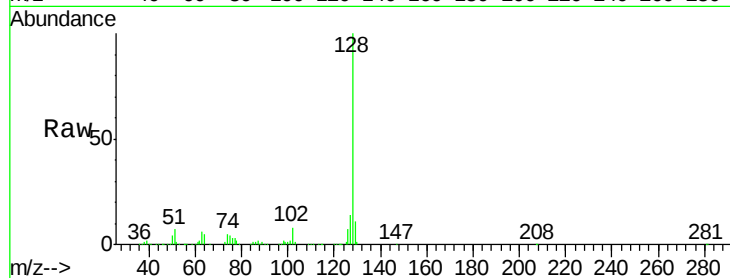
Tot Ion:128 Resp: 289276

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

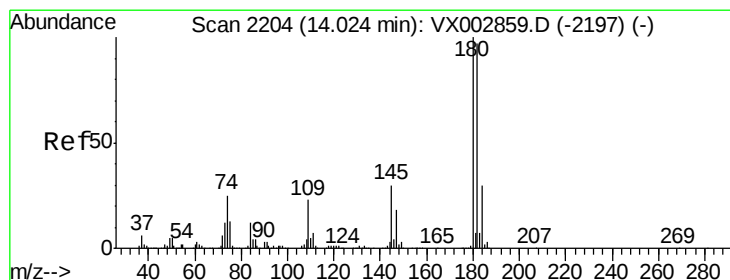
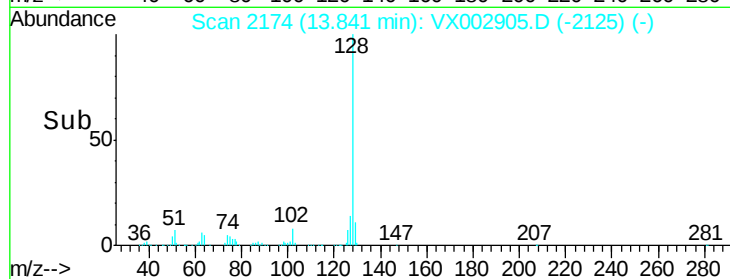
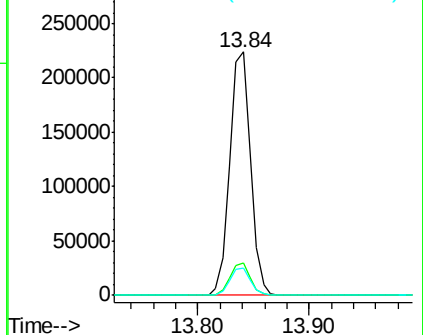
129 11.0 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.02 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX002905.D

Acq: 26 Jun 2018 20:38

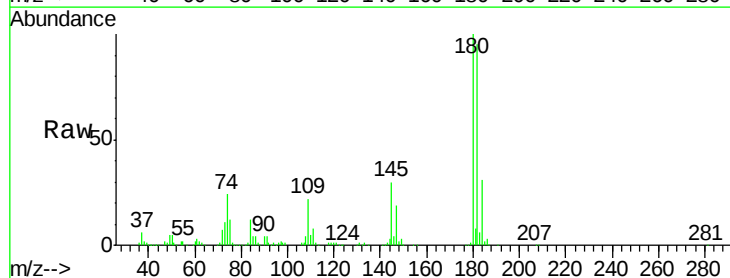
Tgt Ion:180 Resp: 106083

Ion Ratio Lower Upper

180 100

182 96.6 48.0 144.0

145 29.8 14.8 44.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

