

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100418\
 Data File : VX005023.D
 Acq On : 04 Oct 2018 17:21
 Operator : JC/MD
 Sample : VX1004MBS01
 Misc : 5.00µl/10mL/100µL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 05 03:22:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	238680	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	361373	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	342856	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	201822	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	170731	50.07	ug/l	0.00
Spiked Amount			Recovery	=	100.14%	
35) Dibromofluoromethane	5.51	113	140182	45.77	ug/l	0.00
Spiked Amount			Recovery	=	91.54%	
50) Toluene-d8	8.71	98	527775	51.83	ug/l	0.00
Spiked Amount			Recovery	=	103.66%	
62) 4-Bromofluorobenzene	11.14	95	192866	52.58	ug/l	0.00
Spiked Amount			Recovery	=	105.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	66783	20.521	ug/l	99
3) Chloromethane	1.32	50	75586	19.144	ug/l	99
4) Vinyl Chloride	1.40	62	74343	20.076	ug/l	97
5) Bromomethane	1.64	94	46698	21.266	ug/l	94
6) Chloroethane	1.72	64	43553	20.194	ug/l	98
7) Trichlorofluoromethane	1.93	101	94385	20.588	ug/l	96
8) Diethyl Ether	2.19	74	40207	20.188	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	53896	20.639	ug/l	99
10) Methyl Iodide	2.51	142	53709	15.370	ug/l	95
11) Tert butyl alcohol	3.07	59	96254	100.965	ug/l	99
12) 1,1-Dichloroethene	2.37	96	51559	19.936	ug/l	98
13) Acrolein	2.29	56	16581	24.445	ug/l	89
14) Allyl chloride	2.73	41	115016	20.383	ug/l	96
15) Acrylonitrile	3.15	53	220078	104.866	ug/l	97
16) Acetone	2.45	43	187833	94.362	ug/l	92
17) Carbon Disulfide	2.57	76	134398	17.294	ug/l	98
18) Methyl Acetate	2.78	43	123711	24.530	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	200193	22.442	ug/l	97
20) Methylene Chloride	2.85	84	62527	21.120	ug/l	87
21) trans-1,2-Dichloroethene	3.17	96	55666	19.663	ug/l	88
22) Diisopropyl ether	3.87	45	201441	21.200	ug/l	98
23) Vinyl Acetate	3.82	43	862892	99.209	ug/l	99
24) 1,1-Dichloroethane	3.70	63	113862	20.088	ug/l	99
25) 2-Butanone	4.71	43	290118	98.877	ug/l	99
26) 2,2-Dichloropropane	4.58	77	74762	18.941	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	62984	19.915	ug/l	94
28) Bromochloromethane	5.02	49	52566	19.694	ug/l	98
29) Tetrahydrofuran	5.16	42	190597	104.513	ug/l	99
30) Chloroform	5.21	83	105274	19.652	ug/l	100
31) Cyclohexane	5.57	56	90980	20.972	ug/l	93
32) 1,1,1-Trichloroethane	5.49	97	86822	19.846	ug/l	95
36) 1,1-Dichloropropene	5.80	75	74890	17.922	ug/l	94
37) Ethyl Acetate	4.86	43	101807	18.354	ug/l	98
38) Carbon Tetrachloride	5.78	117	74591	16.981	ug/l	95

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 MSVOA_X
 ClientSampleId :

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 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	84052	19.699	ug/l #	85
40) Benzene	6.14	78	238765	18.251	ug/l	95
41) Methacrylonitrile	5.06	41	57334	18.639	ug/l	96
42) 1,2-Dichloroethane	6.20	62	83301	18.012	ug/l	99
43) Isopropyl Acetate	6.46	43	150292	18.773	ug/l	95
44) Trichloroethene	7.21	130	62068	19.300	ug/l	96
45) 1,2-Dichloropropane	7.52	63	65359	20.373	ug/l	99
46) Dibromomethane	7.66	93	40326	20.001	ug/l	99
47) Bromodichloromethane	7.90	83	74592	19.760	ug/l	98
48) Methyl methacrylate	7.78	41	77368	21.291	ug/l	97
49) 1,4-Dioxane	7.76	88	33851	374.971	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	545668	108.249	ug/l	99
52) Toluene	8.79	92	147301	20.492	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	81715	19.156	ug/l	93
54) cis-1,3-Dichloropropene	8.44	75	92122	20.618	ug/l	95
55) 1,1,2-Trichloroethane	9.22	97	62149	19.738	ug/l	96
56) Ethyl methacrylate	9.18	69	94231	20.249	ug/l	96
57) 1,3-Dichloropropane	9.37	76	105297	20.093	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	274127	109.525	ug/l	99
59) 2-Hexanone	9.50	43	423793	100.888	ug/l	95
60) Dibromochloromethane	9.59	129	60160	19.105	ug/l	98
61) 1,2-Dibromoethane	9.68	107	64159	19.026	ug/l	98
64) Tetrachloroethene	9.34	164	63430	18.797	ug/l	96
65) Chlorobenzene	10.14	112	163852	18.637	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	56759	18.364	ug/l	99
67) Ethyl Benzene	10.26	91	270442	19.375	ug/l	97
68) m/p-Xylenes	10.36	106	212931	39.038	ug/l	96
69) o-Xylene	10.70	106	101551	20.270	ug/l	100
70) Styrene	10.71	104	170397	19.547	ug/l	100
71) Bromoform	10.86	173	46630	17.622	ug/l #	95
73) Isopropylbenzene	11.02	105	273090	21.467	ug/l	99
74) N-amyl acetate	10.90	43	128087	19.426	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	98047	18.934	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	111480	24.644	ug/l	85
77) Bromobenzene	11.26	156	75244	20.364	ug/l	99
78) n-propylbenzene	11.36	91	307352	21.057	ug/l	99
79) 2-Chlorotoluene	11.42	91	189869	20.869	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	230561	19.655	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	25878	16.970	ug/l	98
82) 4-Chlorotoluene	11.51	91	220900	20.628	ug/l	100
83) tert-Butylbenzene	11.77	119	223717	21.360	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	240921	19.918	ug/l	99
85) sec-Butylbenzene	11.94	105	267621	20.978	ug/l	100
86) p-Isopropyltoluene	12.07	119	240600	20.816	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	135197	19.595	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	138474	19.442	ug/l	99
89) n-Butylbenzene	12.39	91	205354	19.563	ug/l	100
90) Hexachloroethane	12.60	117	34332	17.840	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	137022	19.004	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	21902	19.263	ug/l	98

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ClientSampleId :

Quant Time: Oct 05 03:22:08 2018
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Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
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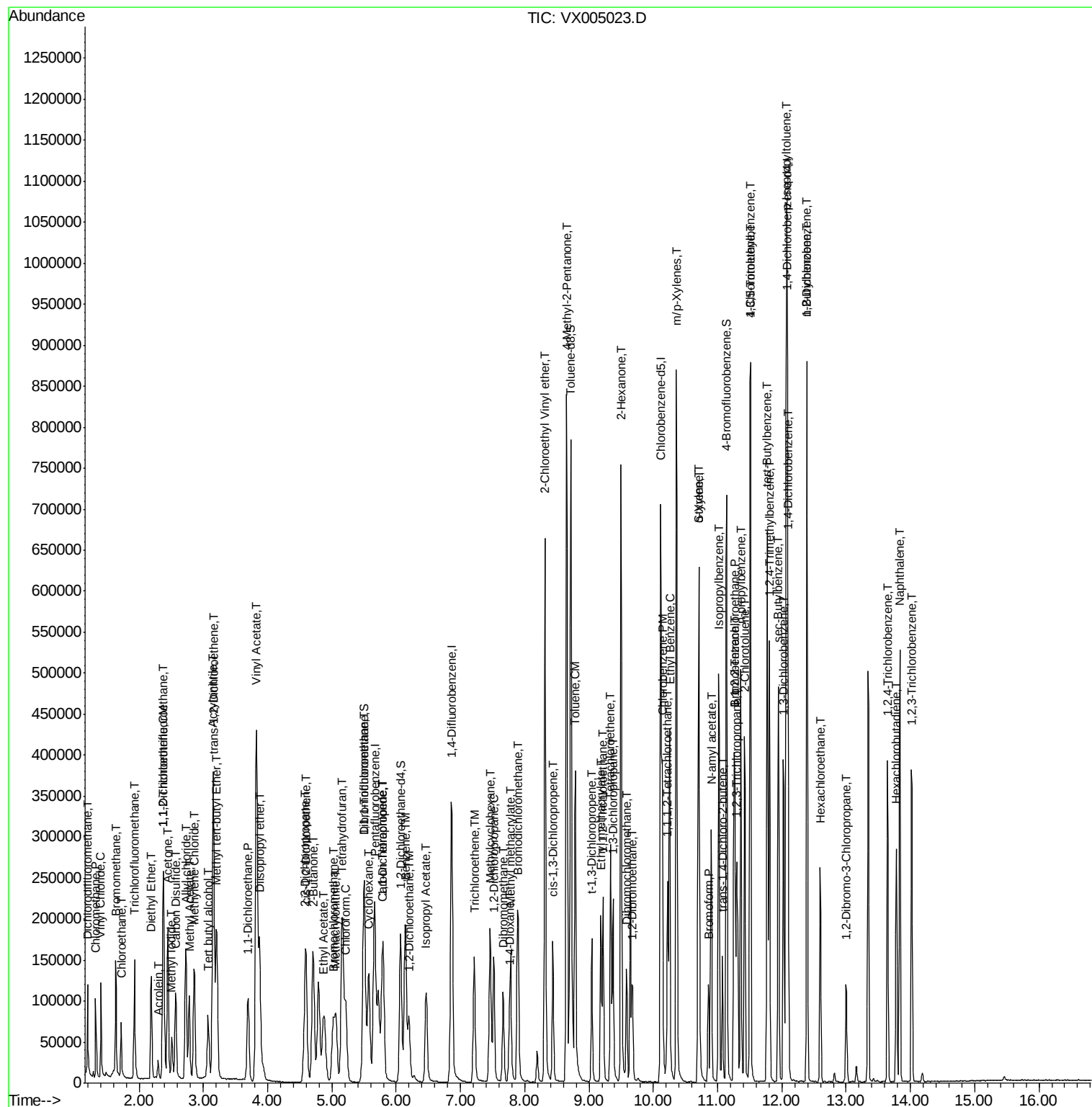
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	98394	19.453	ug/l	100
94) Hexachlorobutadiene	13.78	225	46962	17.905	ug/l	99
95) Naphthalene	13.83	128	317732	19.374	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	101094	19.349	ug/l	100

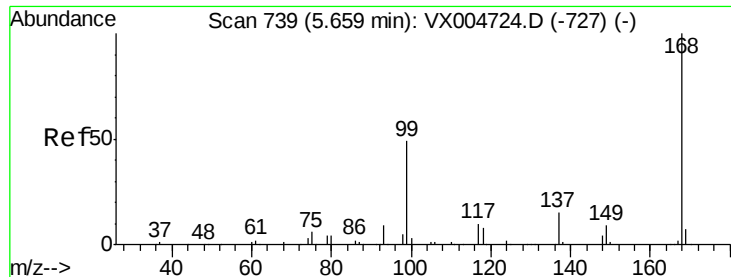
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX100418\
Data File : VX005023.D
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Quant Time: Oct 05 03:22:08 2018
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Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005023.D

Acq: 04 Oct 2018 17:21

Instrument :

MSVOA_X

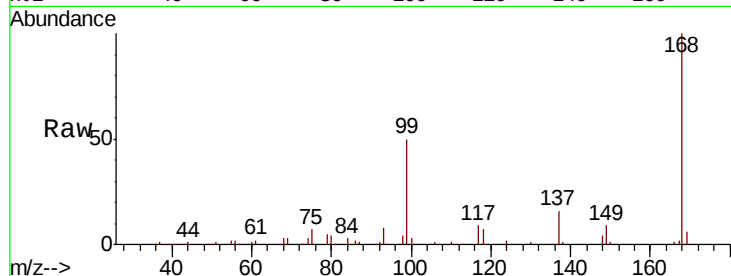
ClientSampleId :

Tot Ion:168 Resp: 238680

Ion Ratio Lower Upper

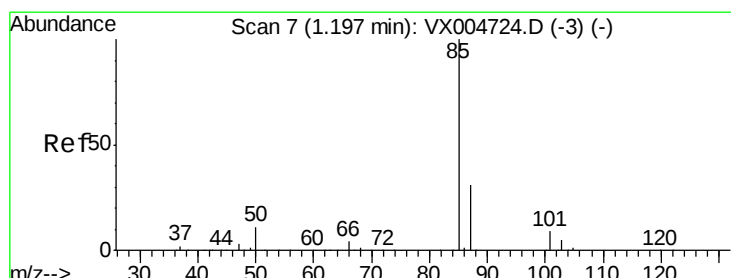
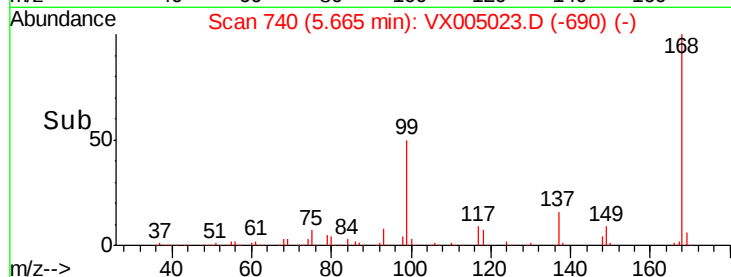
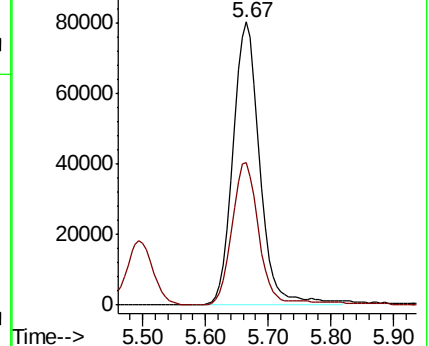
168 100

99 50.2 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 20.521 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005023.D

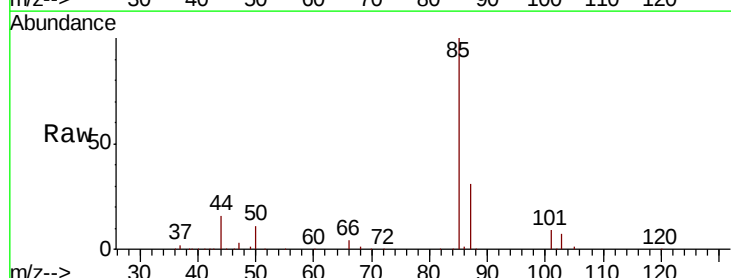
Acq: 04 Oct 2018 17:21

Tgt Ion: 85 Resp: 66783

Ion Ratio Lower Upper

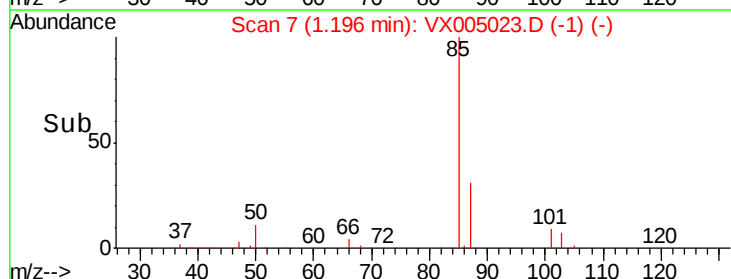
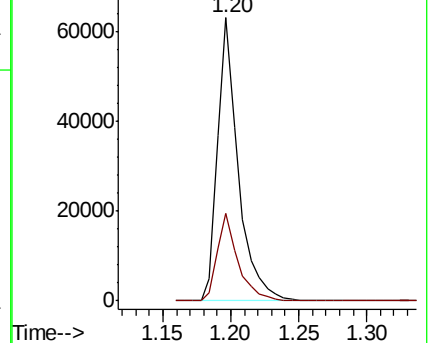
85 100

87 30.9 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 19.144 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005023.D

Acq: 04 Oct 2018 17:21

Instrument :

MSVOA_X

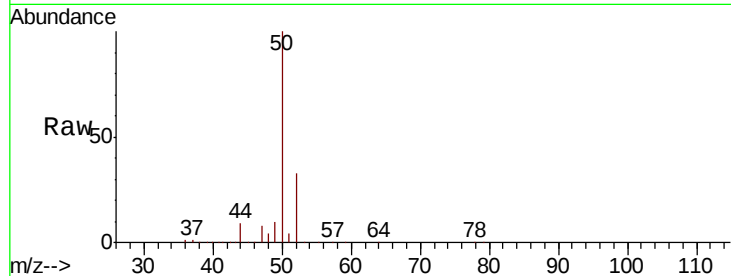
ClientSampleId :

Tot Ion: 50 Resp: 75586

Ion Ratio Lower Upper

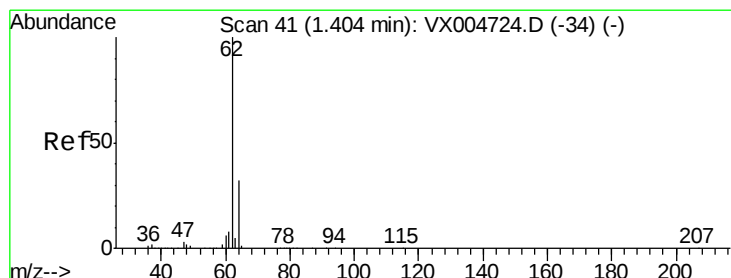
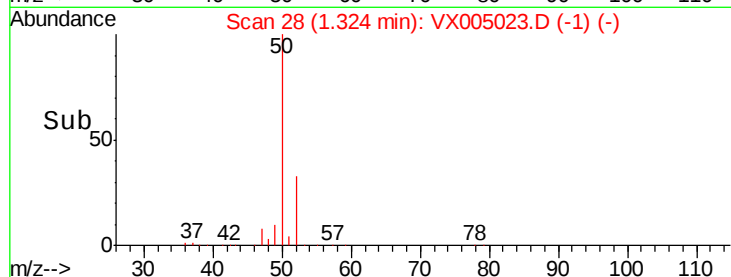
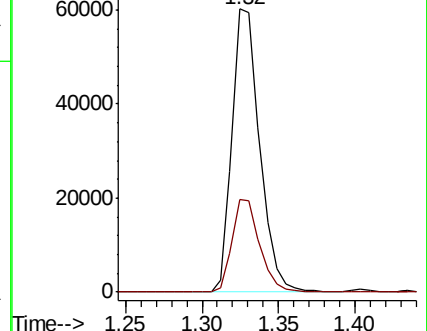
50 100

52 32.6 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 20.076 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX005023.D

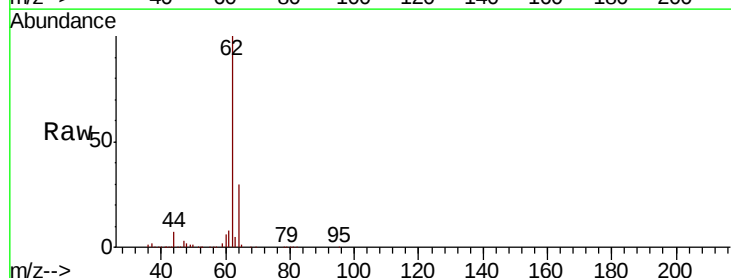
Acq: 04 Oct 2018 17:21

Tgt Ion: 62 Resp: 74343

Ion Ratio Lower Upper

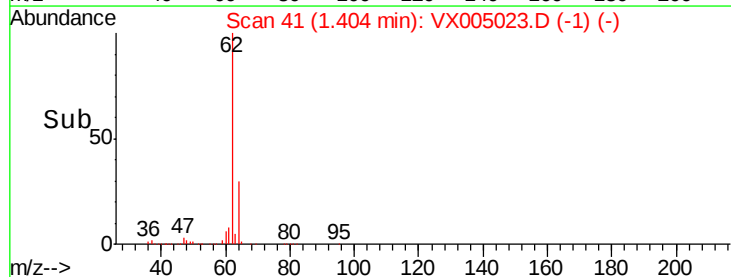
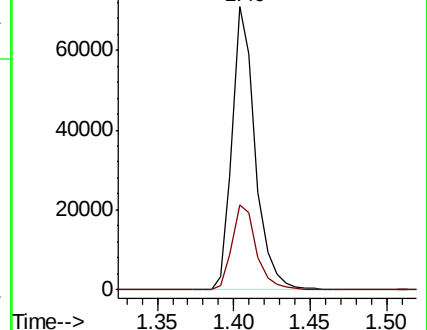
62 100

64 30.1 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 21.266 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005023.D

Acq: 04 Oct 2018 17:21

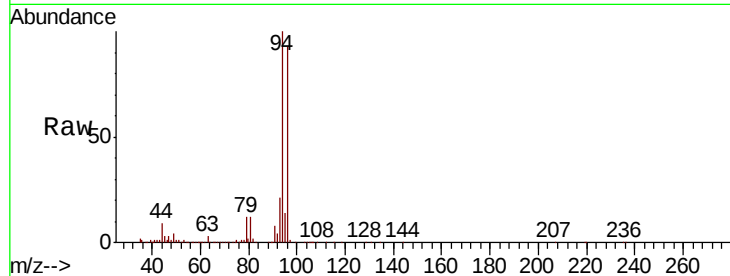
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 94 Resp: 46698

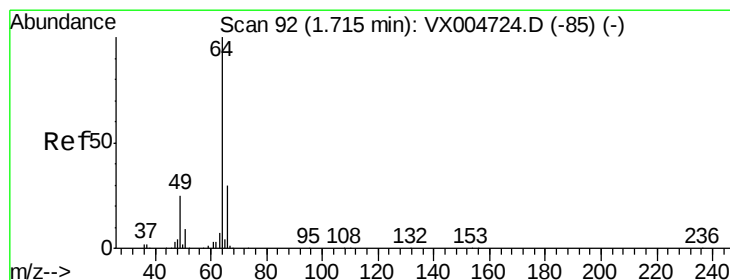
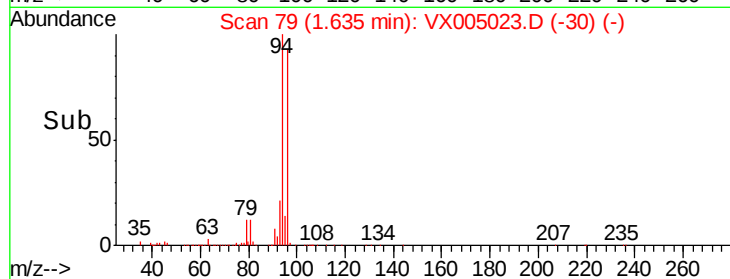
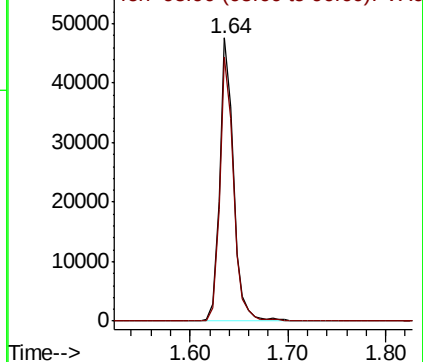
Ion Ratio Lower Upper

94 100

96 93.2 79.5 119.3



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



#6

Chloroethane

Concen: 20.194 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX005023.D

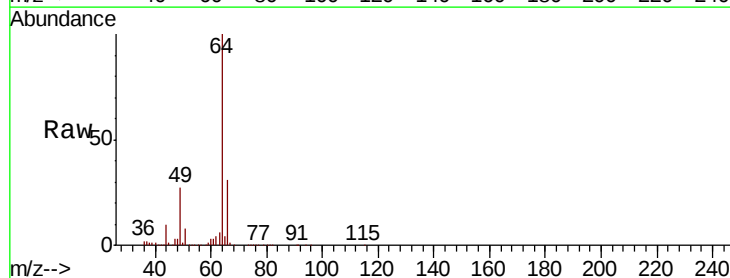
Acq: 04 Oct 2018 17:21

Tgt Ion: 64 Resp: 43553

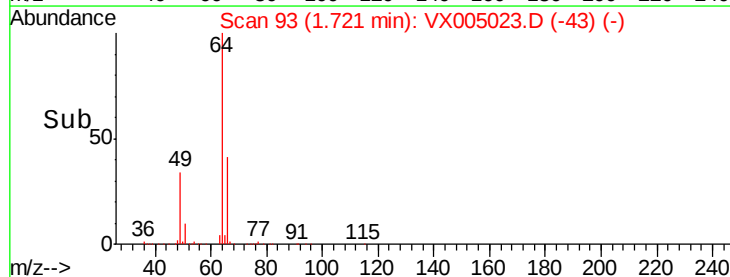
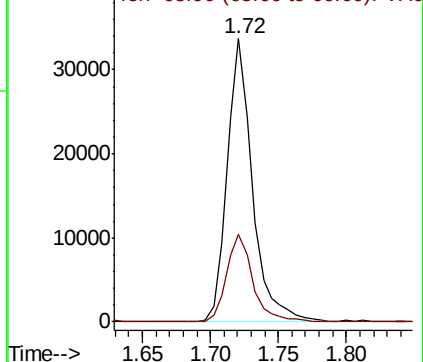
Ion Ratio Lower Upper

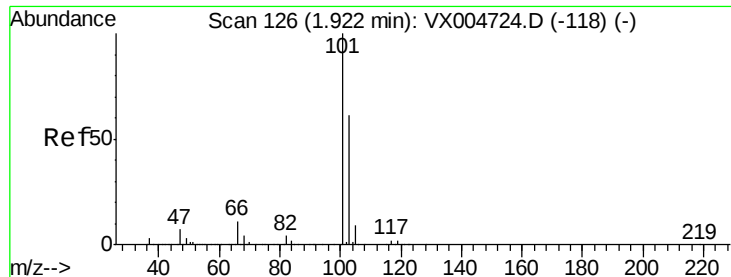
64 100

66 30.8 23.8 35.6



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



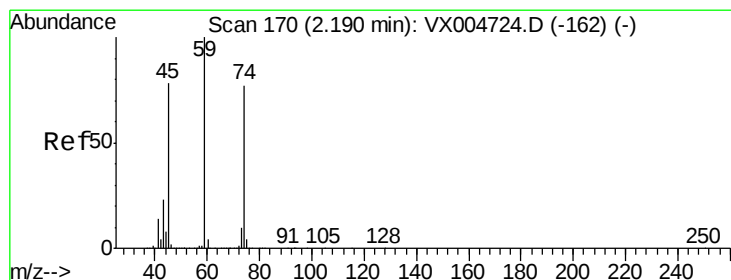
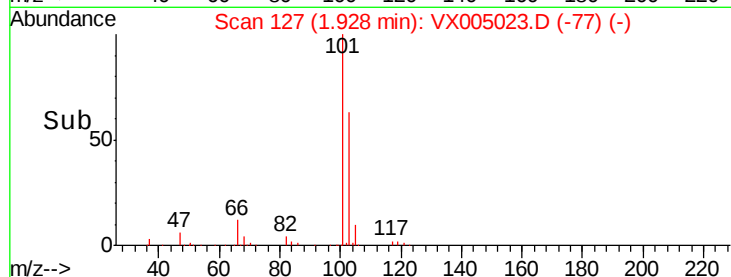
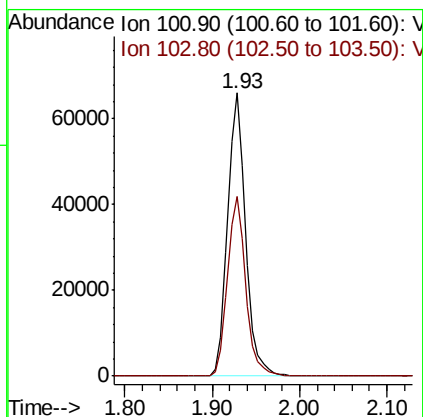
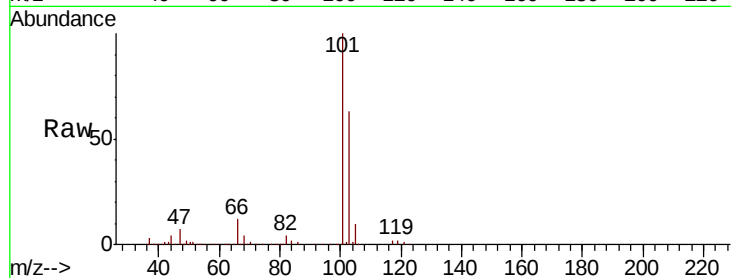


#7

Trichlorofluoromethane
Concen: 20.588 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX005023.D
Acq: 04 Oct 2018 17:21

Instrument :
MSVOA_X
ClientSampleId :

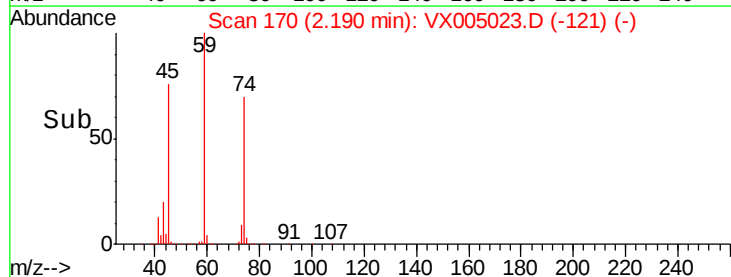
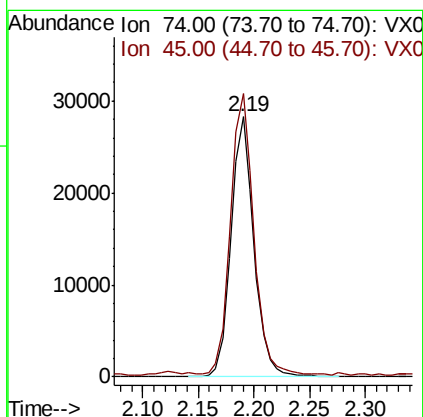
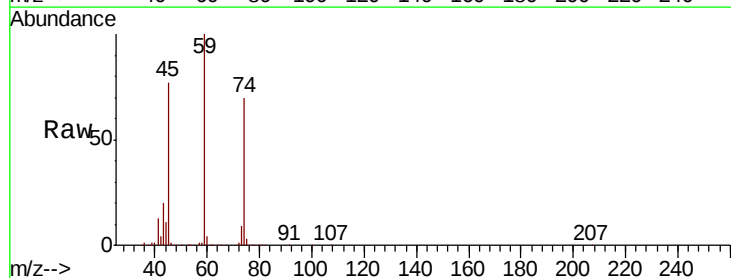
Tot Ion:101 Resp: 94385
Ion Ratio Lower Upper
101 100
103 63.4 48.4 72.6

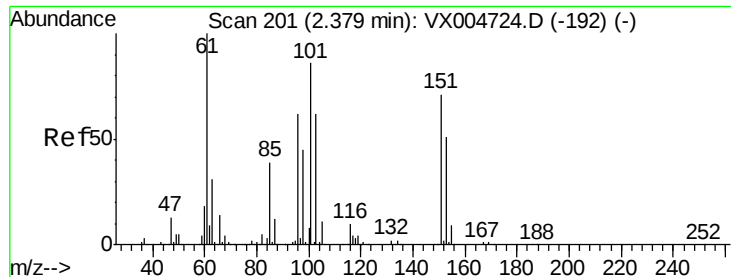


#8

Diethyl Ether
Concen: 20.188 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX005023.D
Acq: 04 Oct 2018 17:21

Tgt Ion: 74 Resp: 40207
Ion Ratio Lower Upper
74 100
45 109.6 52.5 157.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.639 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX005023.D

Acq: 04 Oct 2018 17:21

Instrument :

MSVOA_X

ClientSampleId :

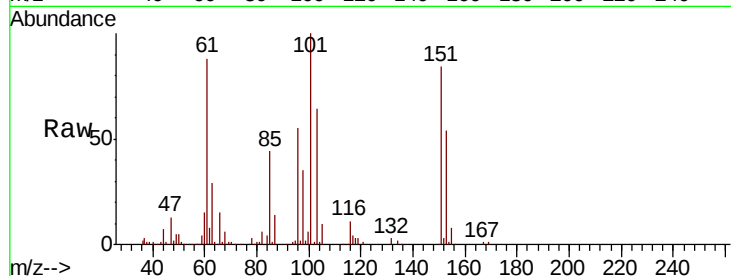
Tot Ion:101 Resp: 53896

Ion Ratio Lower Upper

101 100

85 43.7 35.9 53.9

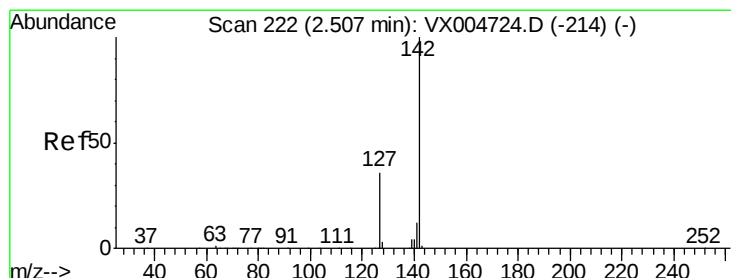
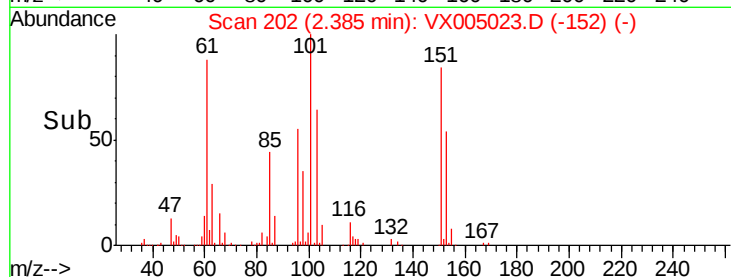
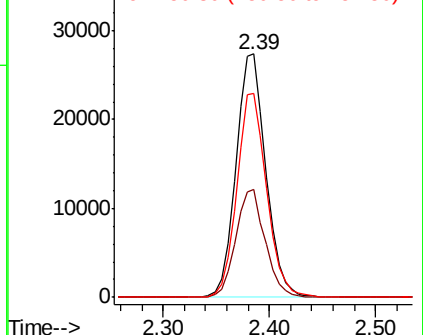
151 83.5 66.6 100.0



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: 15.370 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX005023.D

Acq: 04 Oct 2018 17:21

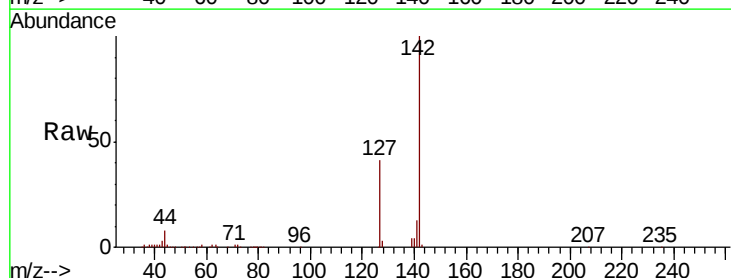
Tgt Ion:142 Resp: 53709

Ion Ratio Lower Upper

142 100

127 41.2 30.1 45.1

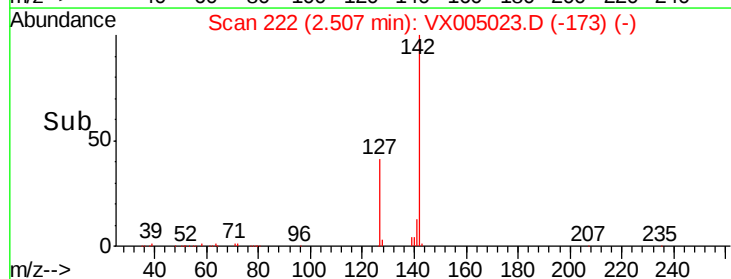
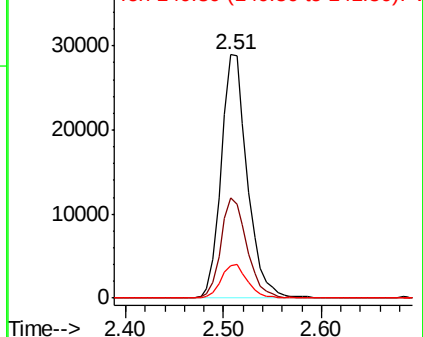
141 14.0 10.1 15.1

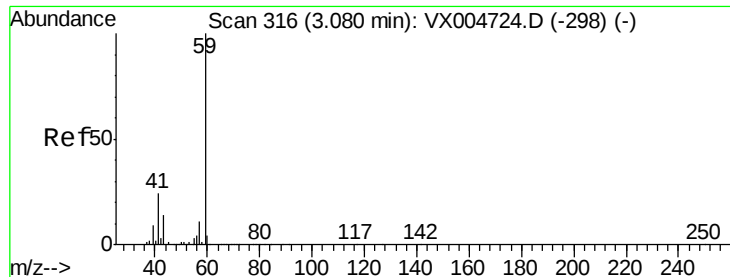


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



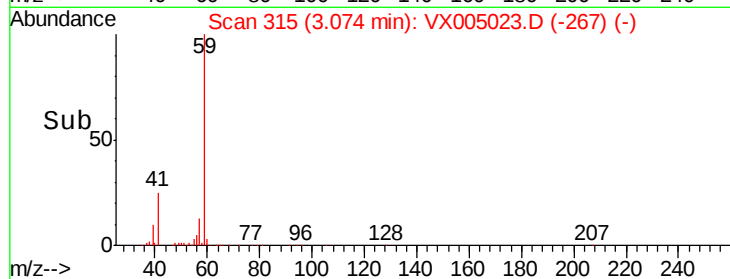
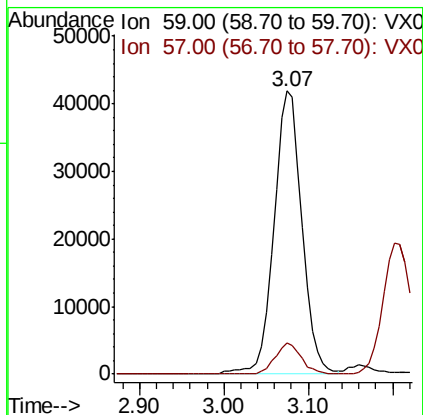
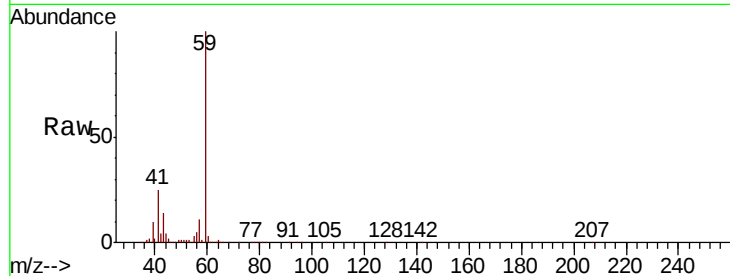


#11

Tert butyl alcohol
 Concen: 100.965 ug/l
 RT: 3.07 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX005023.D
 Acq: 04 Oct 2018 17:21

Instrument :
 MSVOA_X
 ClientSampleId :

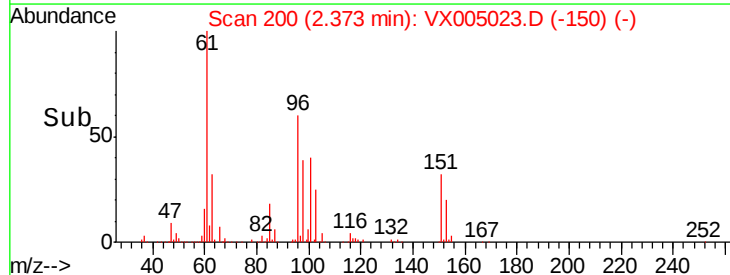
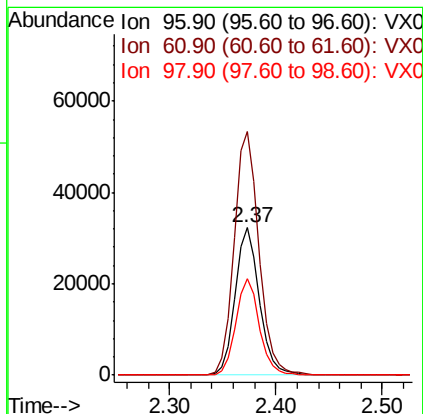
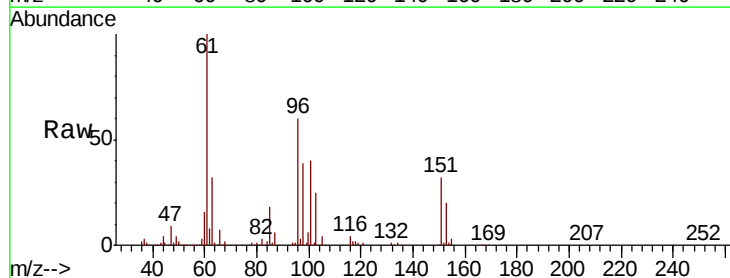
Tot Ion: 59 Resp: 96254
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.6 12.8



#12

1,1-Dichloroethene
 Concen: 19.936 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.01 min
 Lab File: VX005023.D
 Acq: 04 Oct 2018 17:21

Tgt Ion: 96 Resp: 51559
 Ion Ratio Lower Upper
 96 100
 61 165.2 130.2 195.4
 98 65.2 53.4 80.0





#13

Acrolein

Concen: 24.445 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX005023.D

Acq: 04 Oct 2018 17:21

Instrument :

MSVOA_X

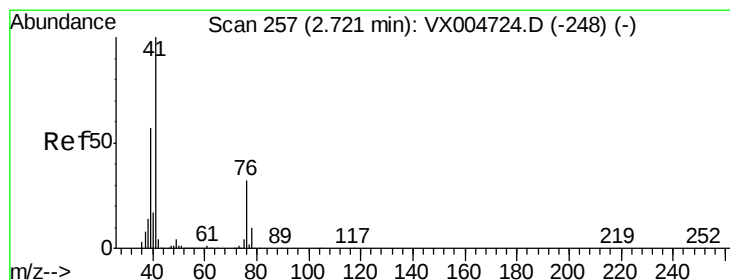
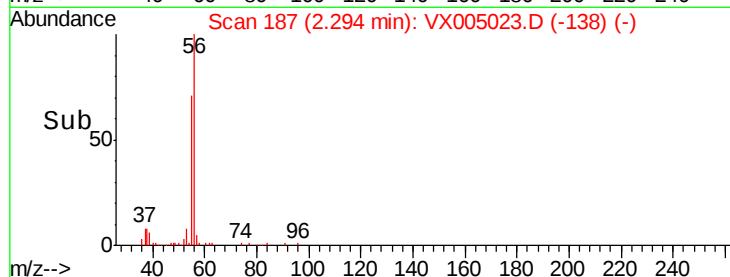
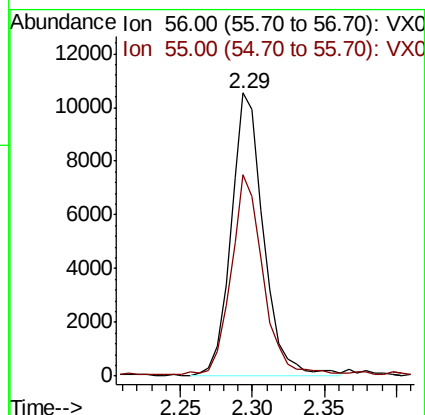
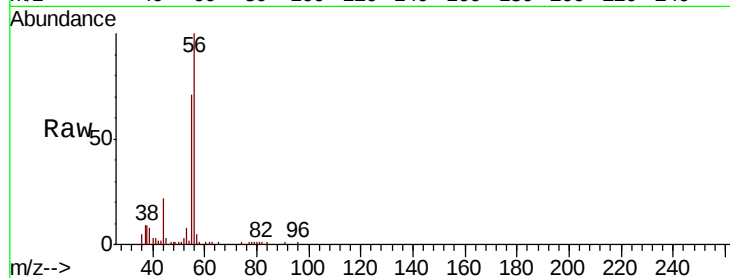
ClientSampled :

Tot Ion: 56 Resp: 16581

Ion Ratio Lower Upper

56 100

55 69.4 63.4 95.2



#14

Allyl chloride

Concen: 20.383 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX005023.D

Acq: 04 Oct 2018 17:21

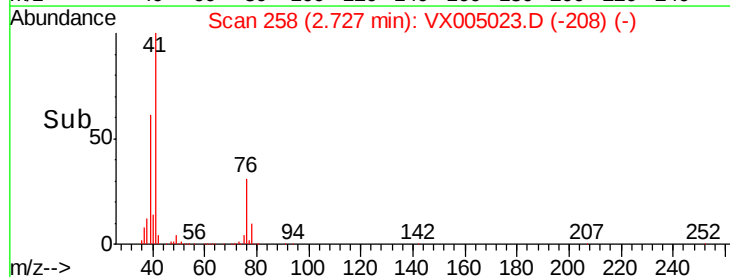
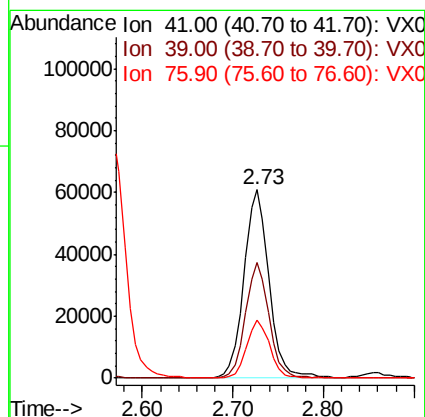
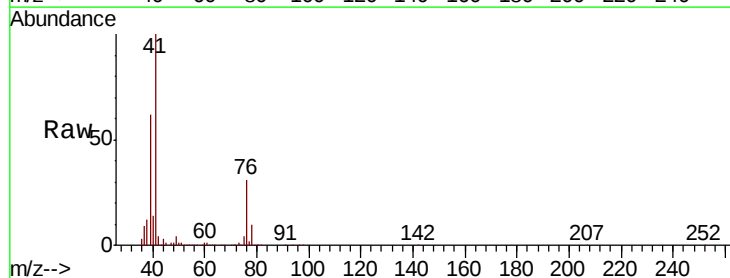
Tgt Ion: 41 Resp: 115016

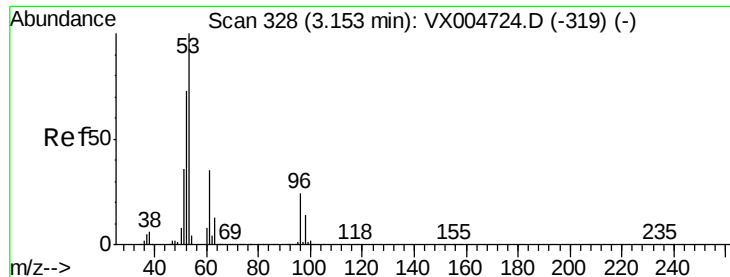
Ion Ratio Lower Upper

41 100

39 57.9 44.1 66.1

76 28.4 25.0 37.4





#15

Acrylonitrile

Concen: 104.866 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX005023.D

Acq: 04 Oct 2018 17:21

Instrument :

MSVOA_X

ClientSampled :

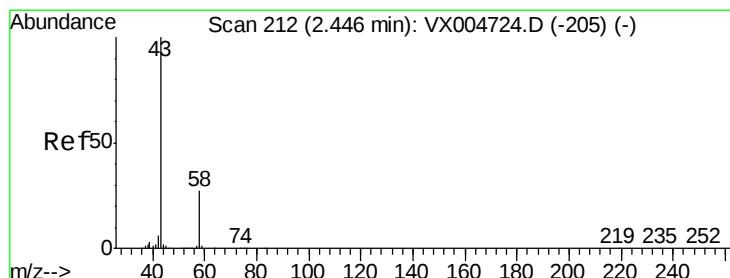
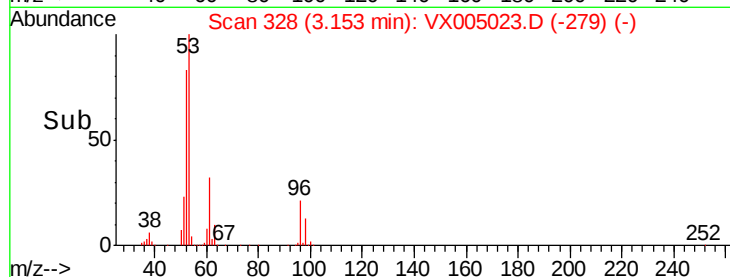
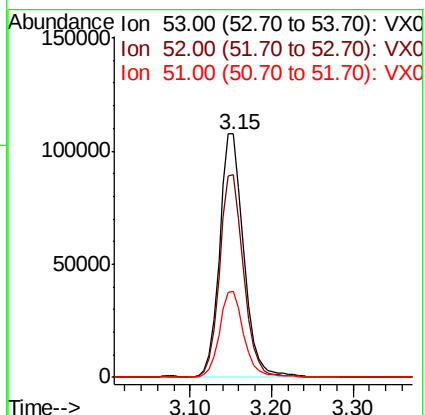
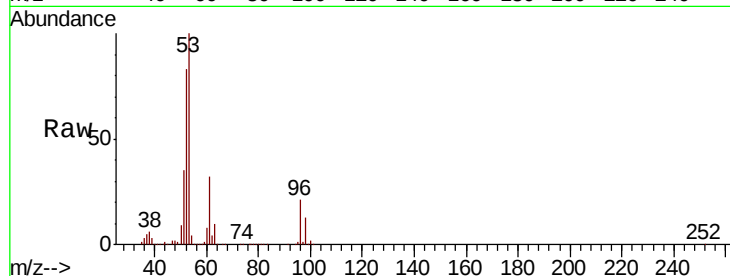
Tot Ion: 53 Resp: 220078

Ion Ratio Lower Upper

53 100

52 82.6 63.0 94.4

51 35.6 28.6 42.8



#16

Acetone

Concen: 94.362 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005023.D

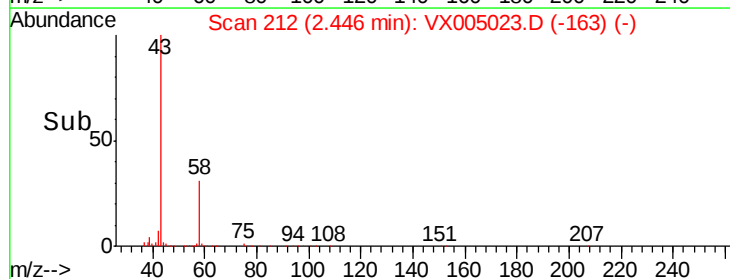
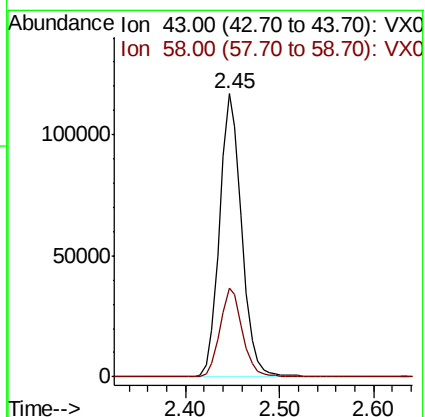
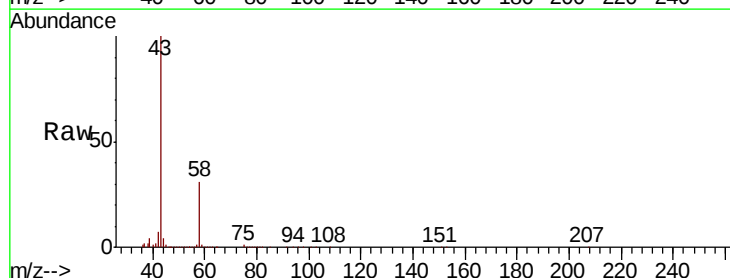
Acq: 04 Oct 2018 17:21

Tgt Ion: 43 Resp: 187833

Ion Ratio Lower Upper

43 100

58 31.3 21.8 32.6





#17

Carbon Disulfide

Concen: 17.294 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX005023.D

Acq: 04 Oct 2018 17:21

Instrument :

MSVOA_X

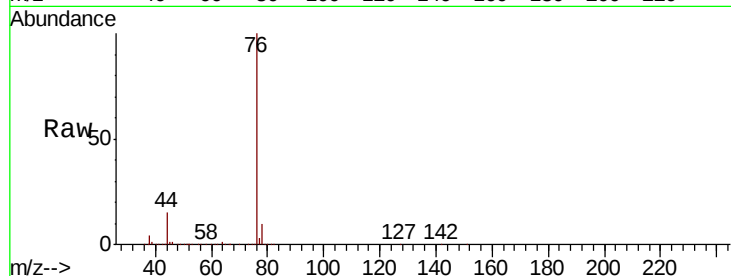
ClientSampleId :

Tot Ion: 76 Resp: 134398

Ion Ratio Lower Upper

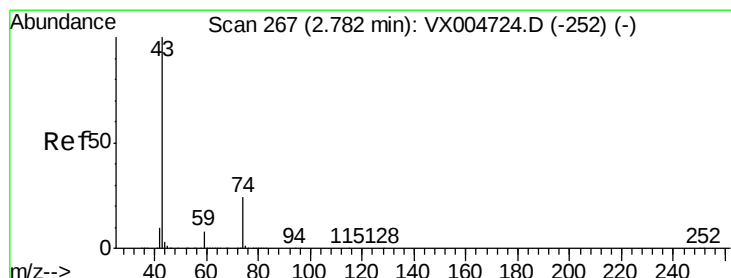
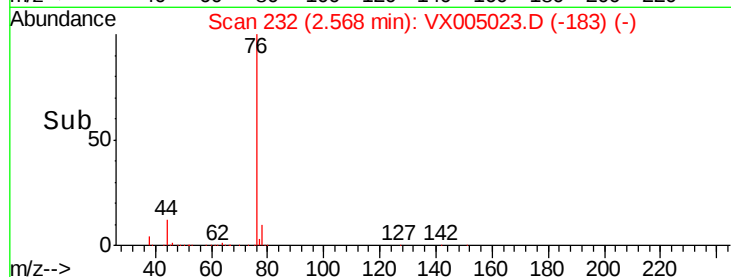
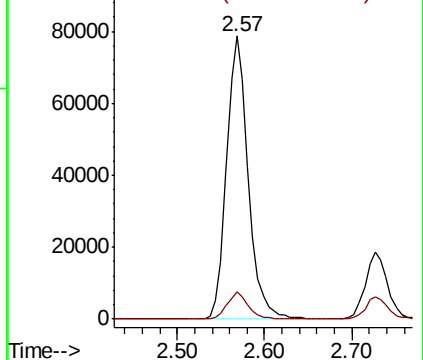
76 100

78 9.5 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 24.530 ug/l

RT: 2.78 min Scan# 267

Delta R.T. -0.00 min

Lab File: VX005023.D

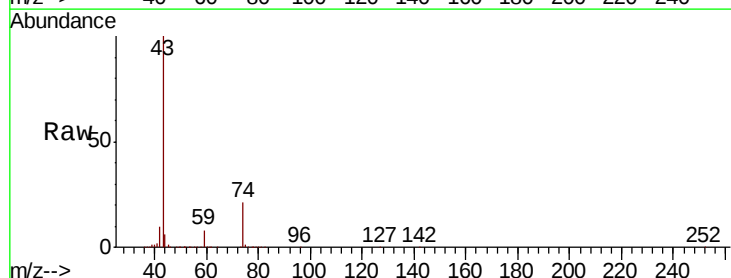
Acq: 04 Oct 2018 17:21

Tgt Ion: 43 Resp: 123711

Ion Ratio Lower Upper

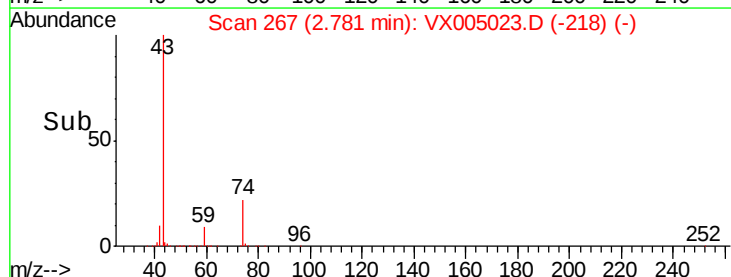
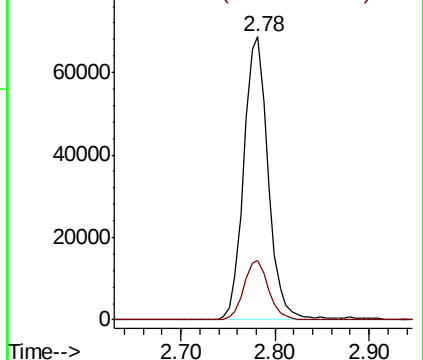
43 100

74 21.4 17.8 26.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

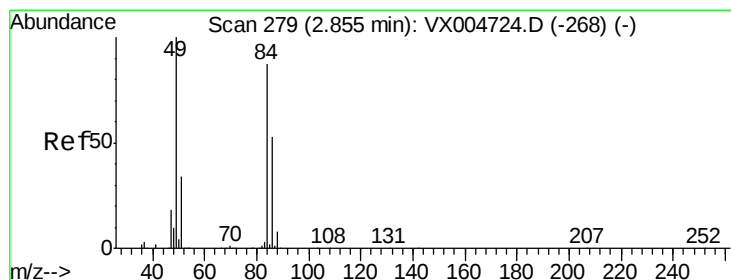
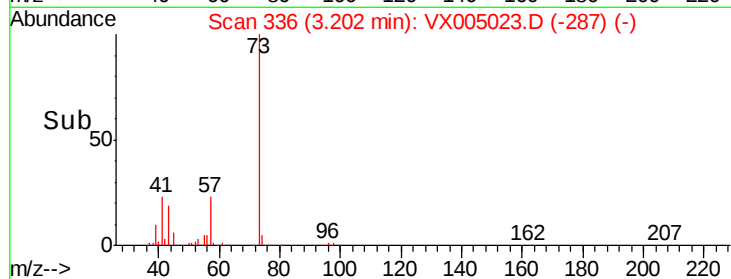
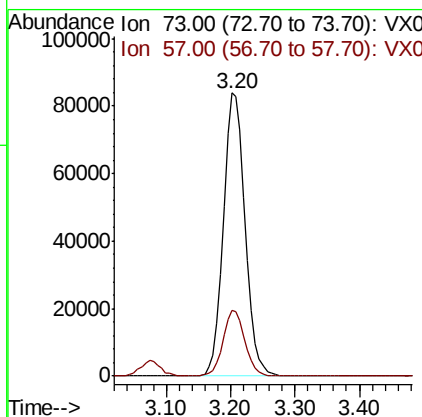
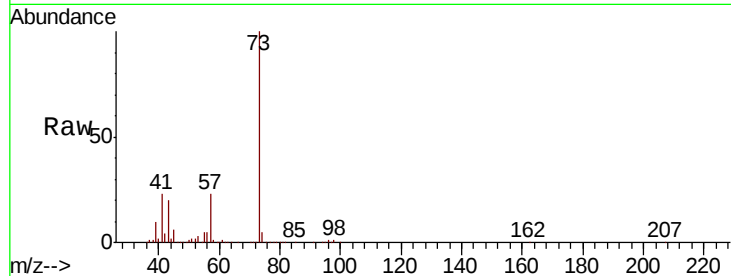




#19
Methyl tert-butyl Ether
Concen: 22.442 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX005023.D
Acq: 04 Oct 2018 17:21

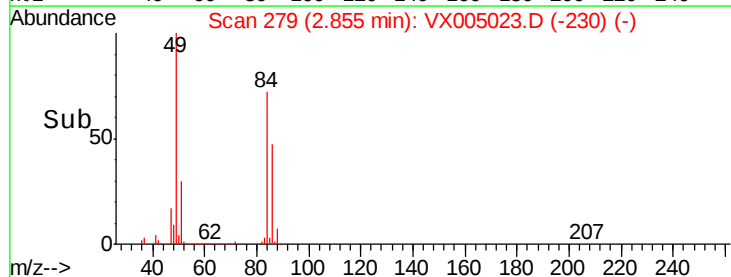
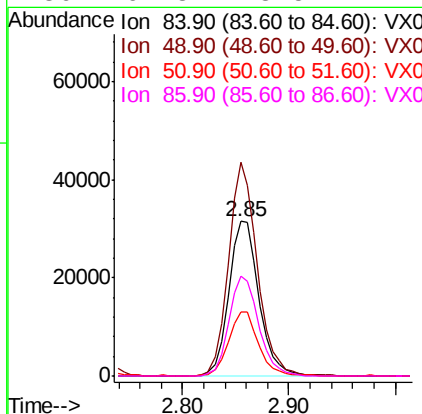
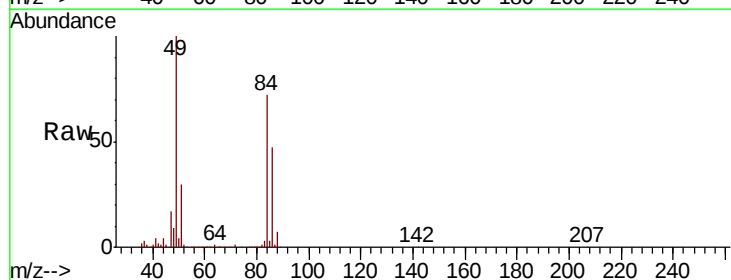
Instrument :
MSVOA_X
ClientSampleId :

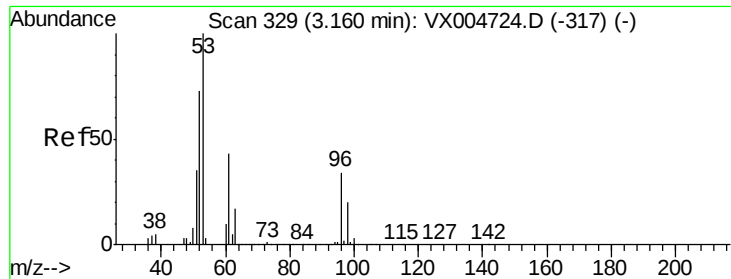
Tot Ion: 73 Resp: 200193
Ion Ratio Lower Upper
73 100
57 23.2 19.9 29.9



#20
Methylene Chloride
Concen: 21.120 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX005023.D
Acq: 04 Oct 2018 17:21

Tgt Ion: 84 Resp: 62527
Ion Ratio Lower Upper
84 100
49 137.8 92.3 138.5
51 41.4 31.8 47.6
86 64.8 48.5 72.7





#21

trans-1,2-Dichloroethene

Concen: 19.663 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX005023.D

Acq: 04 Oct 2018 17:21

Instrument :
MSVOA_X
ClientSampleId :

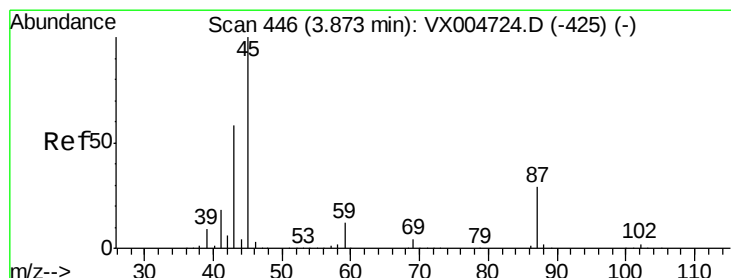
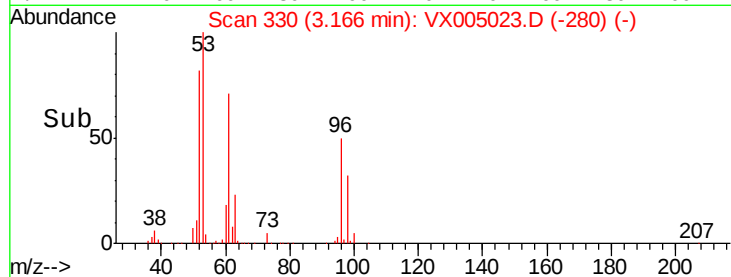
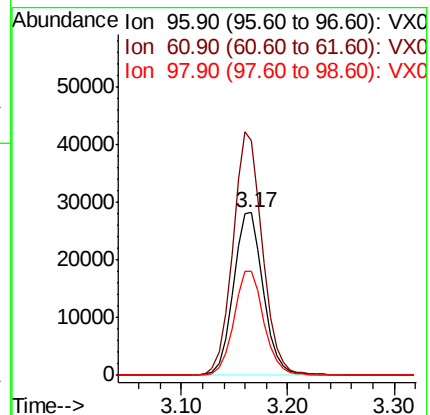
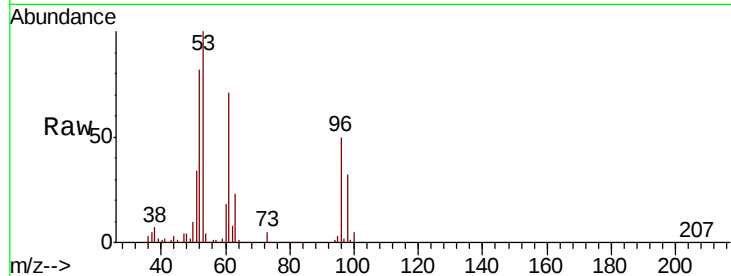
Tot Ion: 96 Resp: 55666

Ion Ratio Lower Upper

96 100

61 143.6 101.0 151.6

98 64.0 47.2 70.8



#22

Diisopropyl ether

Concen: 21.200 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

Lab File: VX005023.D

Acq: 04 Oct 2018 17:21

Tgt Ion: 45 Resp: 201441

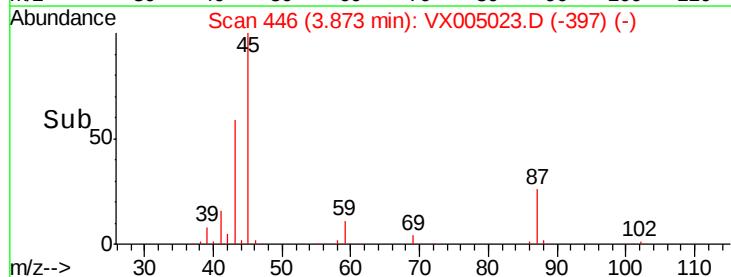
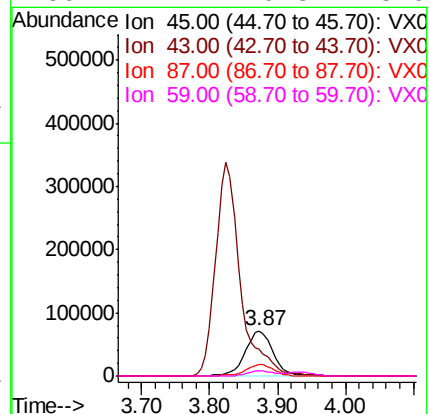
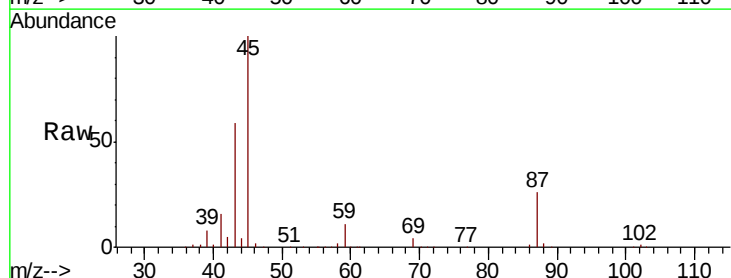
Ion Ratio Lower Upper

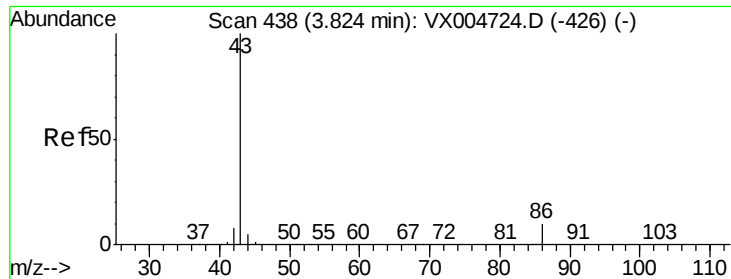
45 100

43 58.0 46.7 70.1

87 25.7 22.9 34.3

59 11.1 9.3 13.9





#23

Vinyl Acetate

Concen: 99.209 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX005023.D

Acq: 04 Oct 2018 17:21

Instrument :

MSVOA_X

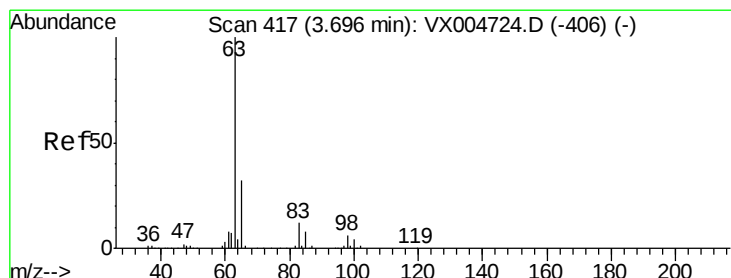
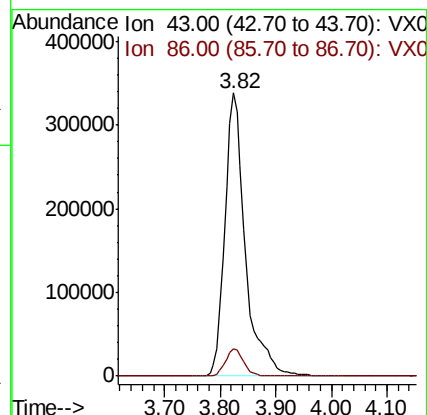
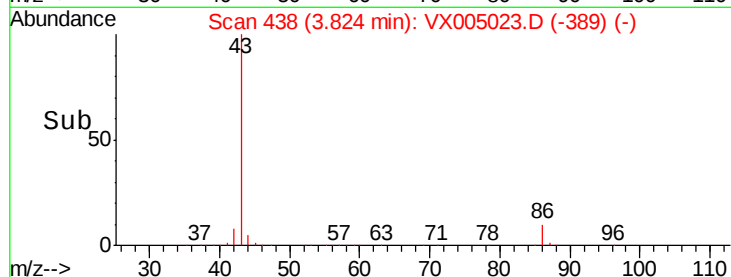
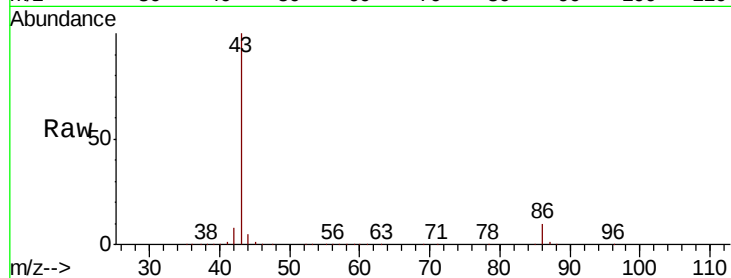
ClientSampleId :

Tot Ion: 43 Resp: 862892

Ion Ratio Lower Upper

43 100

86 9.6 8.1 12.1



#24

1,1-Dichloroethane

Concen: 20.088 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX005023.D

Acq: 04 Oct 2018 17:21

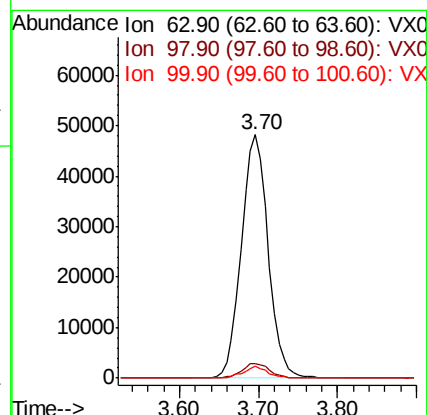
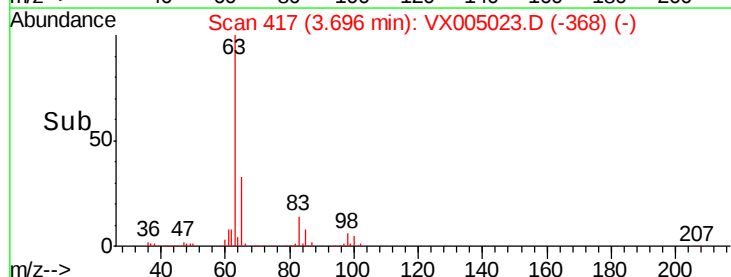
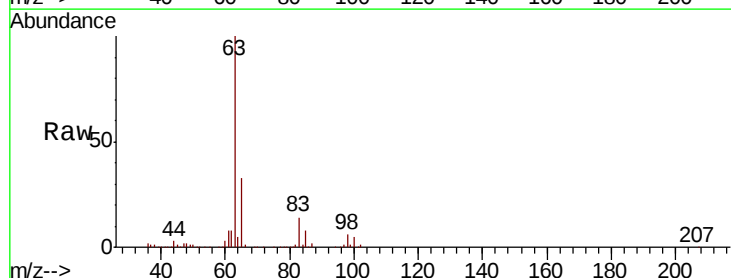
Tgt Ion: 63 Resp: 113862

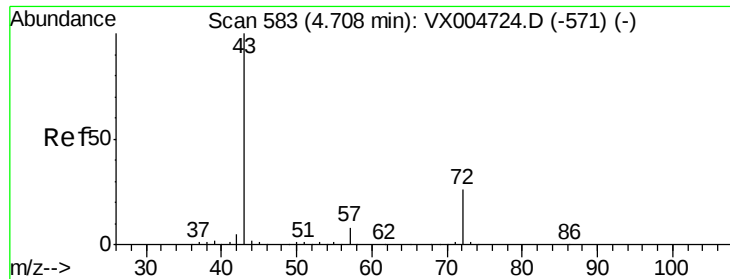
Ion Ratio Lower Upper

63 100

98 6.1 3.0 9.2

100 4.8 2.0 5.8





#25

2-Butanone

Concen: 98.877 ug/l

RT: 4.71 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX005023.D

Acq: 04 Oct 2018 17:21

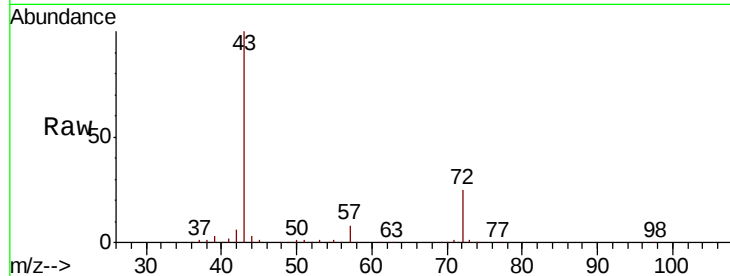
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 290118

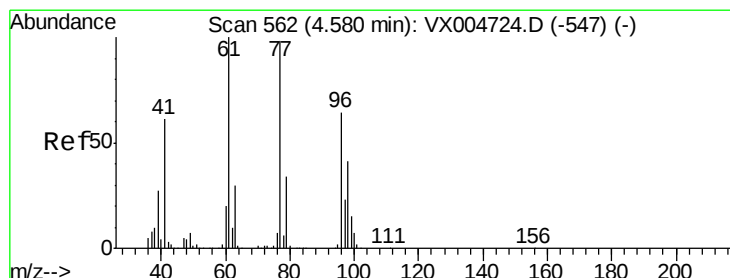
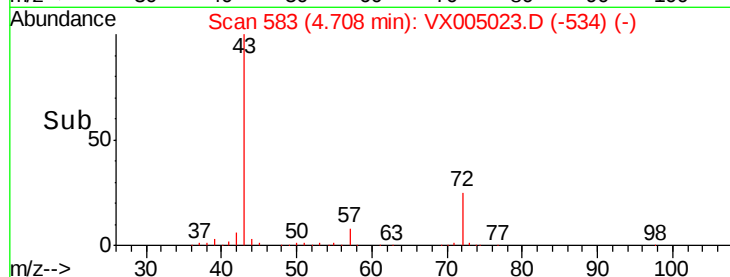
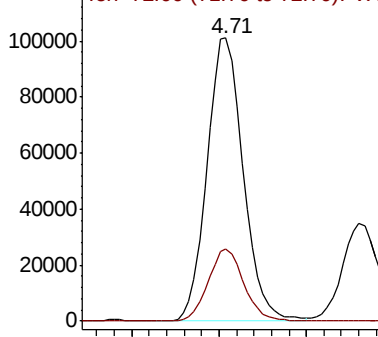
Ion Ratio Lower Upper

43 100

72 25.4 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 18.941 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX005023.D

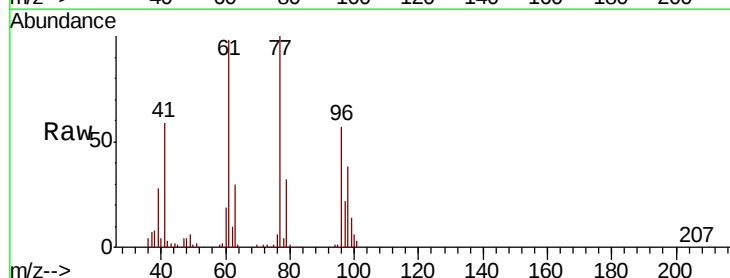
Acq: 04 Oct 2018 17:21

Tgt Ion: 77 Resp: 74762

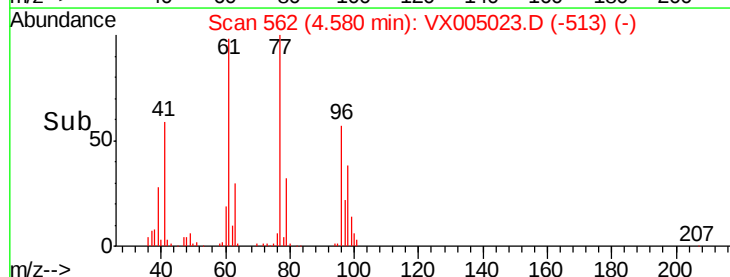
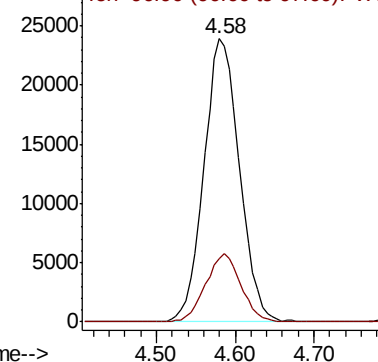
Ion Ratio Lower Upper

77 100

97 23.9 12.6 37.8



Abundance Ion 76.90 (76.60 to 77.60): VX0
Ion 96.90 (96.60 to 97.60): VX0



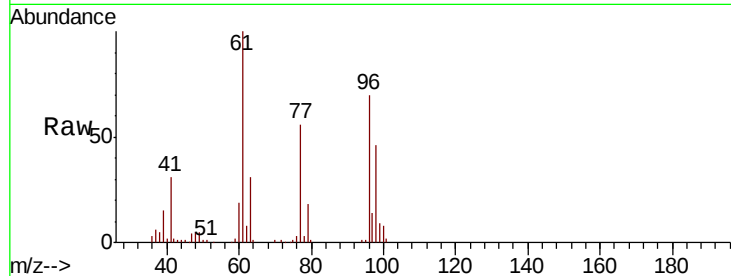


#27

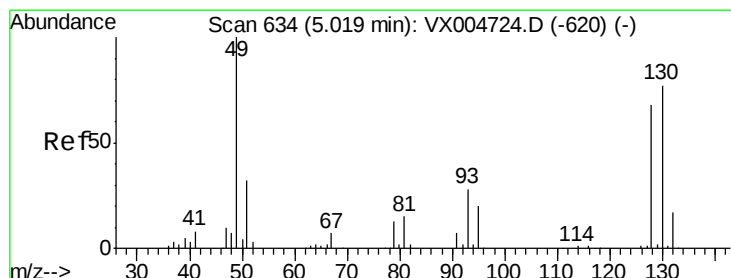
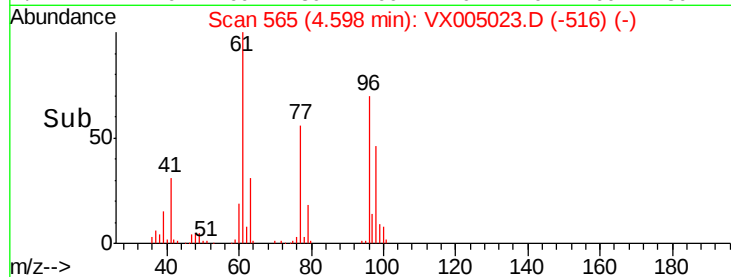
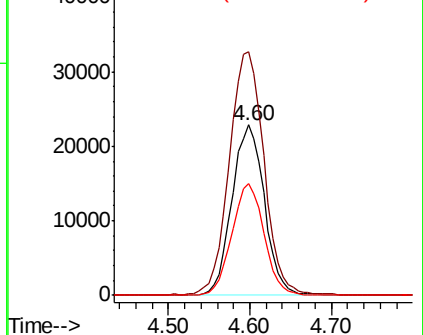
cis-1,2-Dichloroethene
 Concen: 19.915 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX005023.D
 Acq: 04 Oct 2018 17:21

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
96	100		
61	151.1	0.0	285.8
98	64.9	0.0	136.2



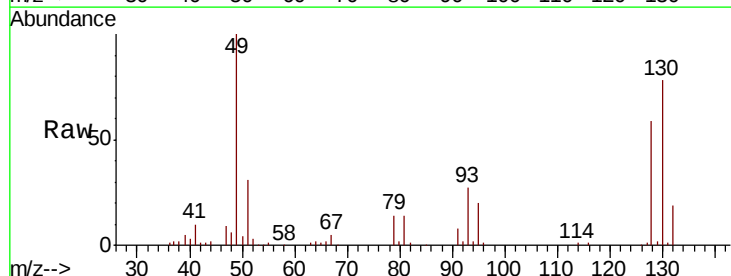
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



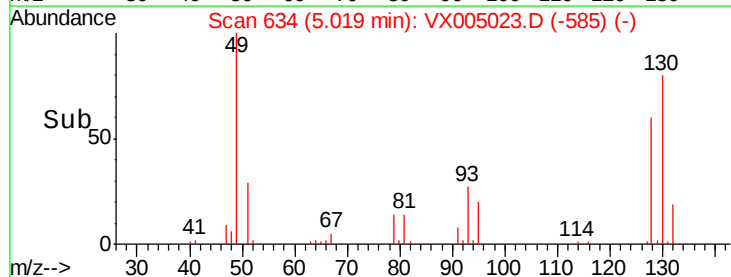
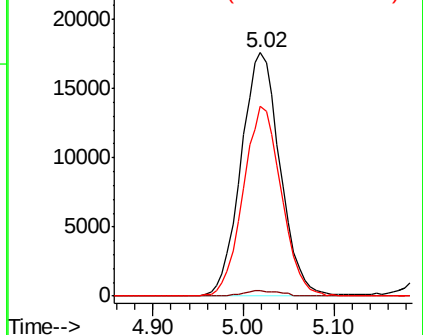
#28

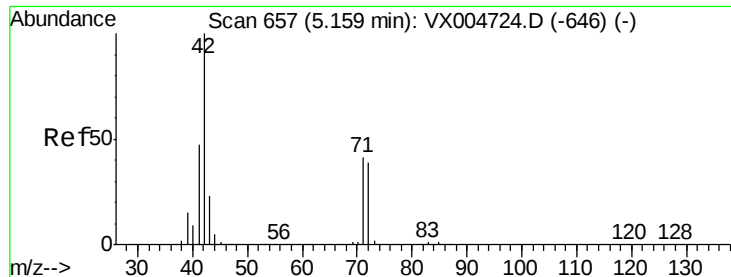
Bromochloromethane
 Concen: 19.694 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: VX005023.D
 Acq: 04 Oct 2018 17:21

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.2
130	76.0	62.0	93.0



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

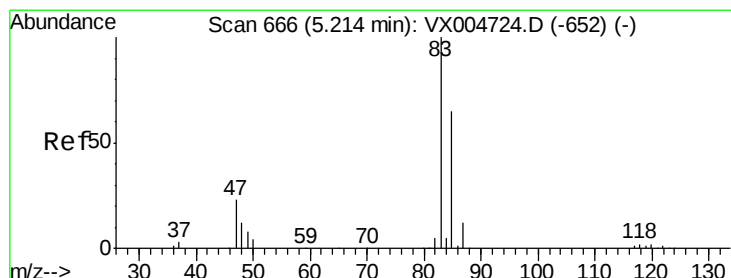
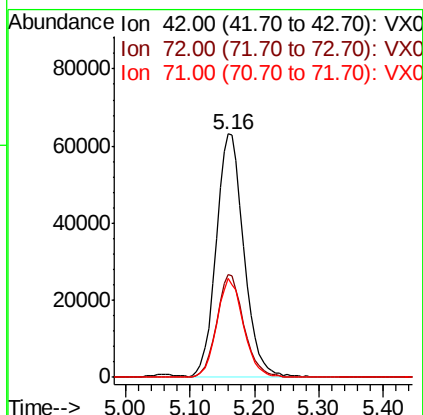
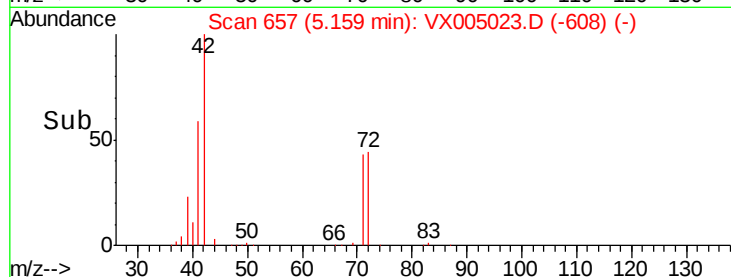
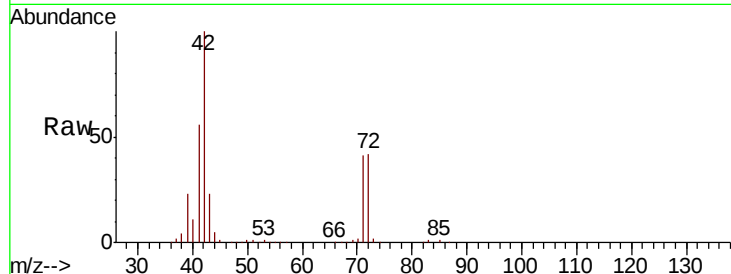




#29
Tetrahydrofuran
Concen: 104.513 ug/l
RT: 5.16 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX005023.D
Acq: 04 Oct 2018 17:21

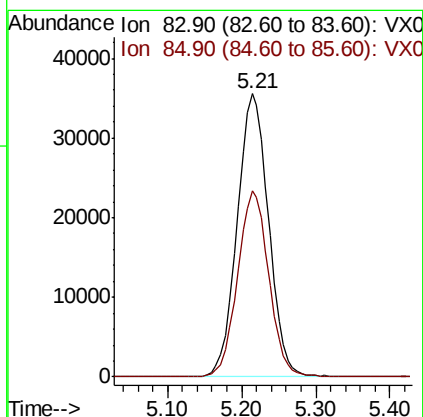
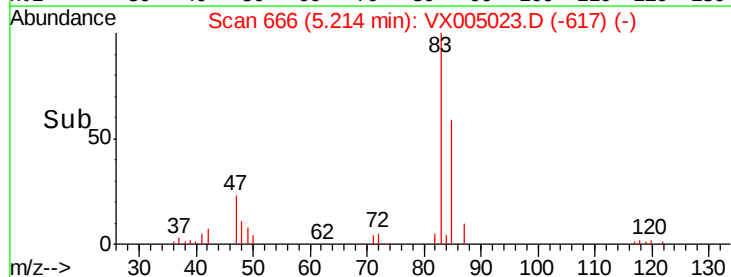
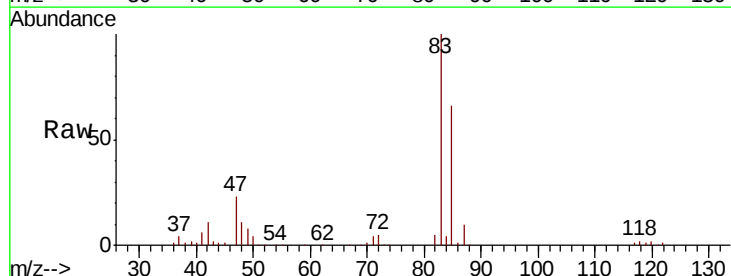
Instrument :
MSVOA_X
ClientSampleId :

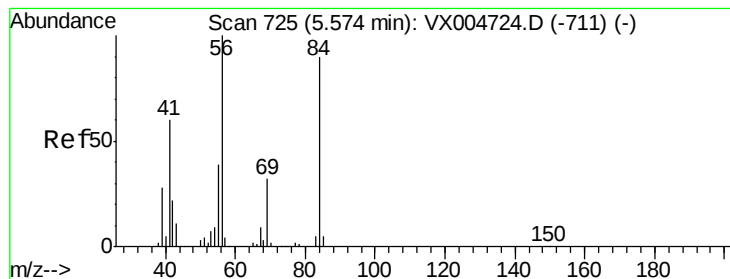
Tot Ion	Ratio	Lower	Upper
42	100		
72	41.5	33.7	50.5
71	39.4	32.2	48.4



#30
Chloroform
Concen: 19.652 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX005023.D
Acq: 04 Oct 2018 17:21

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.9	52.4	78.6





#31

Cyclohexane

Concen: 20.972 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX005023.D

Acq: 04 Oct 2018 17:21

Instrument :

MSVOA_X

ClientSampleId :

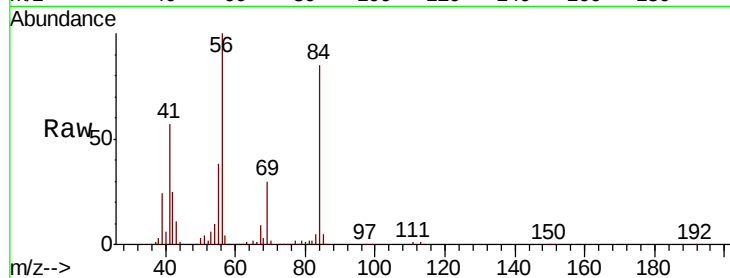
Tot Ion: 56 Resp: 90980

Ion Ratio Lower Upper

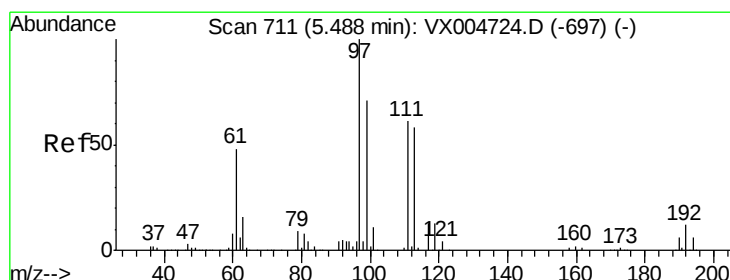
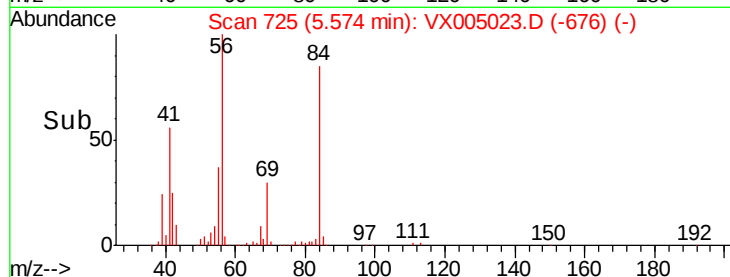
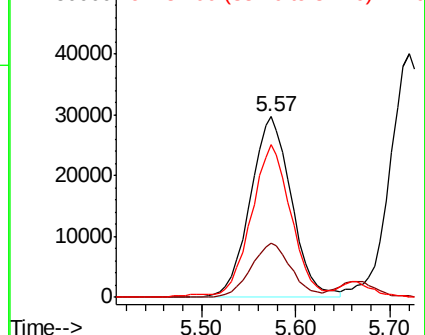
56 100

69 29.8 25.9 38.9

84 82.8 71.9 107.9



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: 19.846 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.01 min

Lab File: VX005023.D

Acq: 04 Oct 2018 17:21

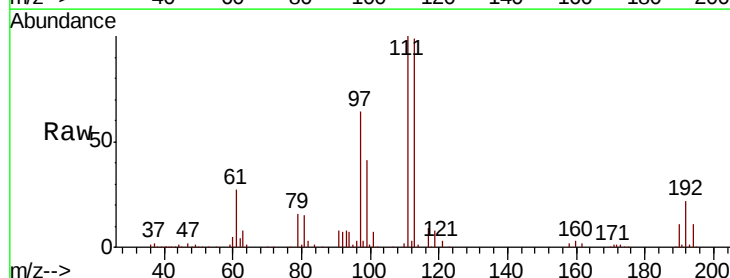
Tgt Ion: 97 Resp: 86822

Ion Ratio Lower Upper

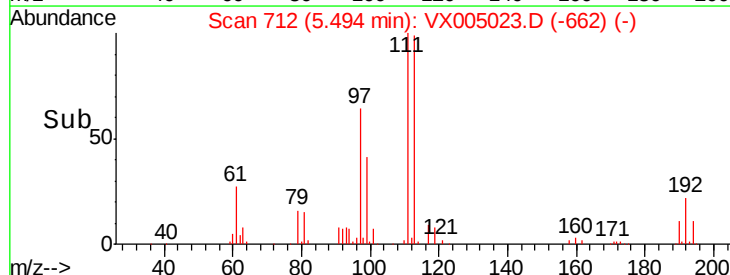
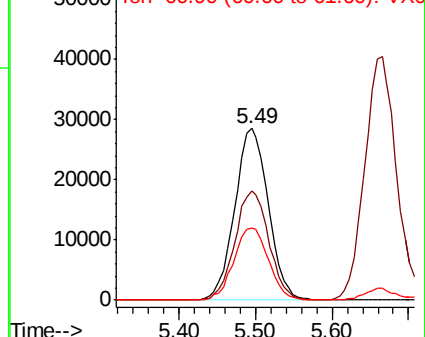
97 100

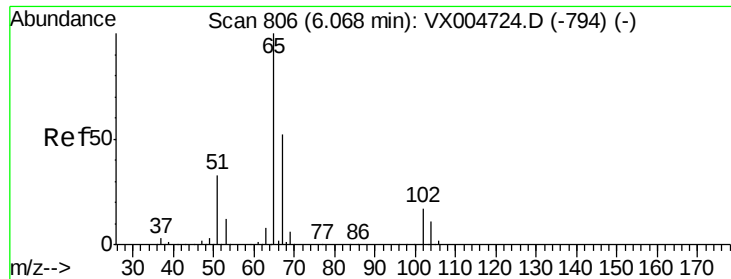
99 64.3 54.6 82.0

61 43.9 37.5 56.3



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

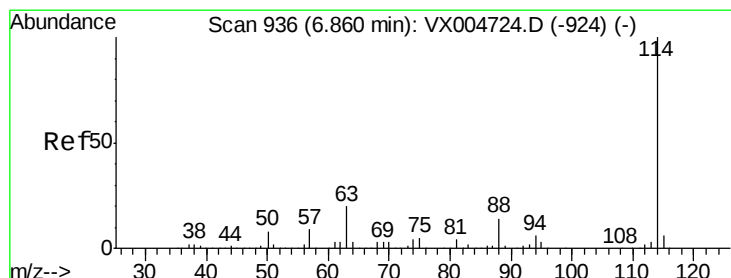
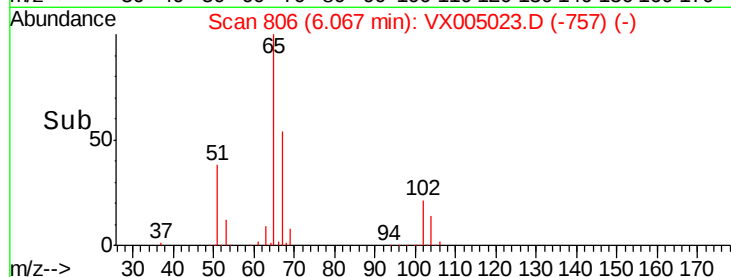
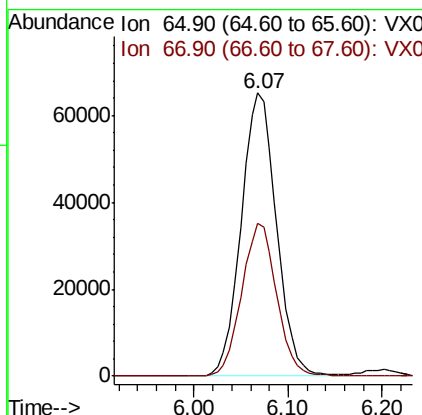
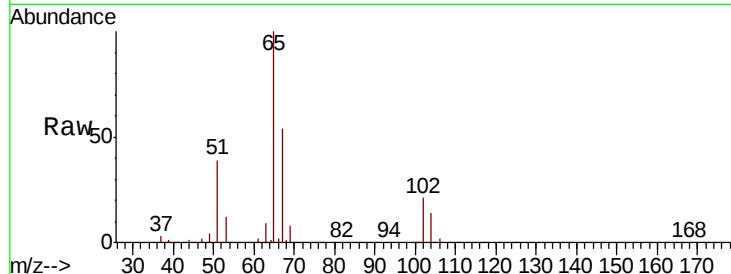




#33
 1,2-Dichloroethane-d4
 Concen: 50.074 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX005023.D
 Acq: 04 Oct 2018 17:21

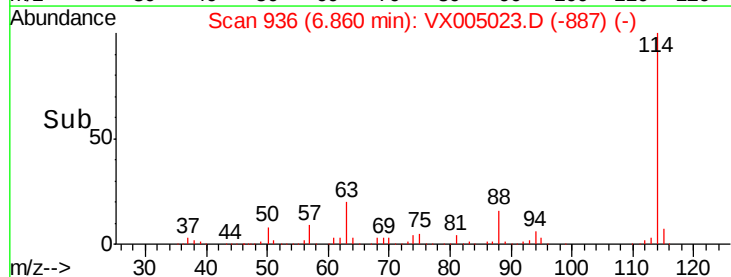
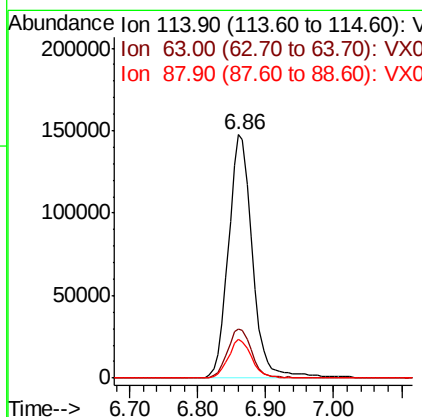
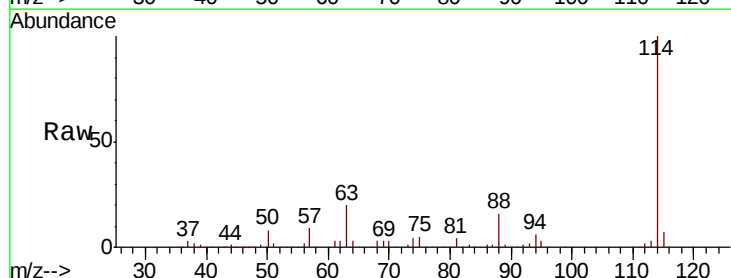
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 65 Resp: 170731
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005023.D
 Acq: 04 Oct 2018 17:21

Tgt Ion: 114 Resp: 361373
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 39.8
 88 15.7 0.0 27.0





#35

Dibromofluoromethane

Concen: 45.771 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX005023.D

Acq: 04 Oct 2018 17:21

Instrument :

MSVOA_X

ClientSampleId :

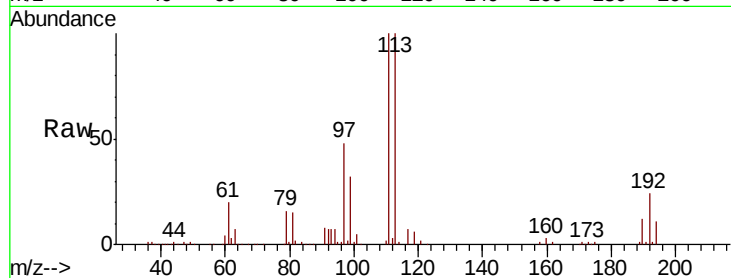
Tot Ion:113 Resp: 140182

Ion Ratio Lower Upper

113 100

111 101.8 77.0 115.4

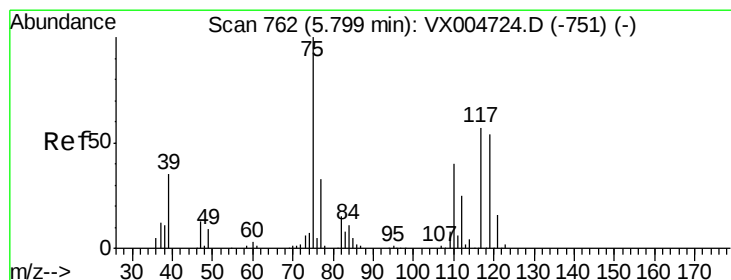
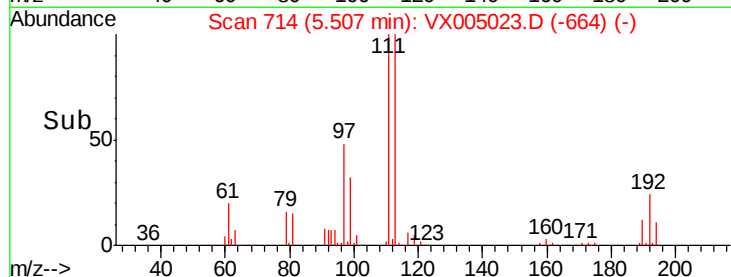
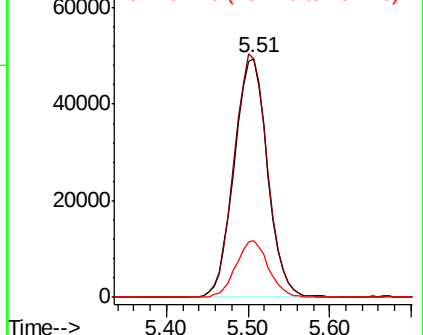
192 23.3 17.0 25.6



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: 17.922 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX005023.D

Acq: 04 Oct 2018 17:21

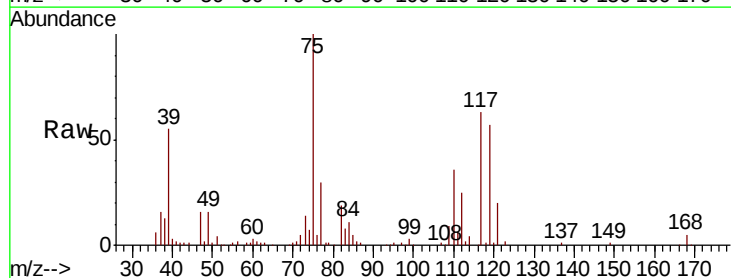
Tgt Ion: 75 Resp: 74890

Ion Ratio Lower Upper

75 100

110 36.2 20.0 59.9

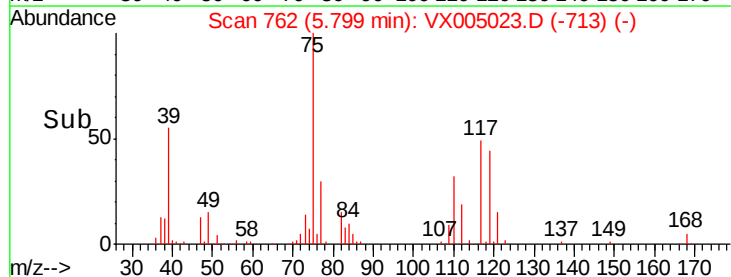
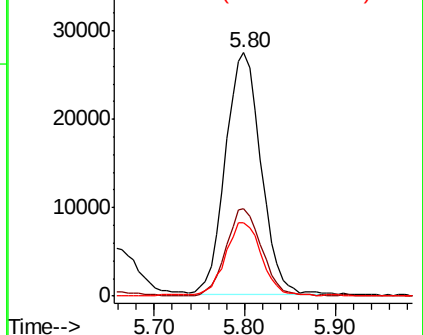
77 30.3 27.1 40.7

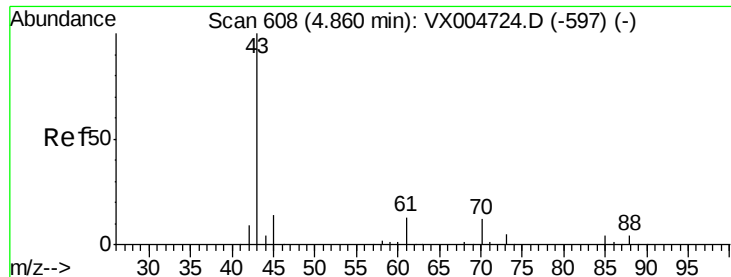


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 18.354 ug/l

RT: 4.86 min Scan# 608

Delta R.T. -0.00 min

Lab File: VX005023.D

Acq: 04 Oct 2018 17:21

Instrument :

MSVOA_X

ClientSampleId :

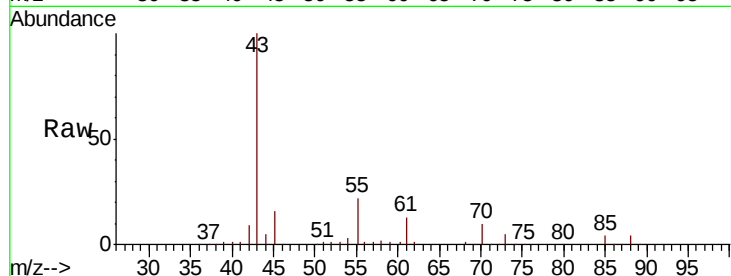
Tot Ion: 43 Resp: 101807

Ion Ratio Lower Upper

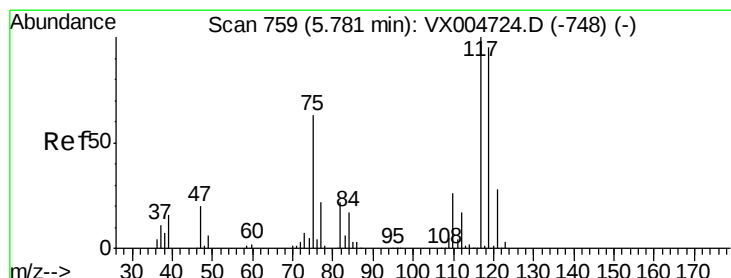
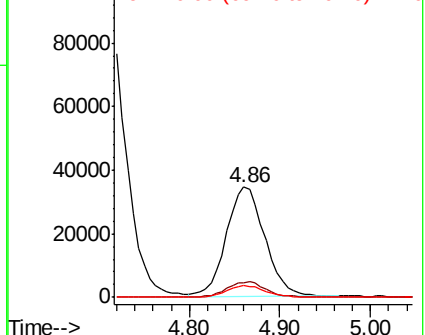
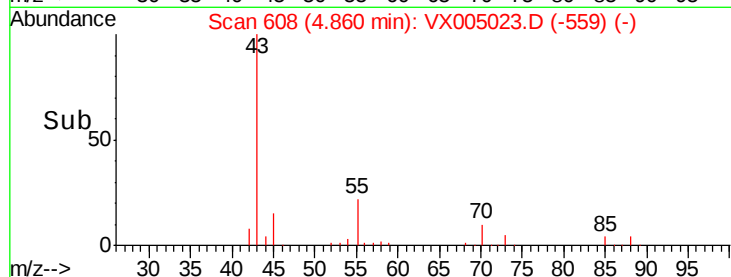
43 100

61 14.6 10.4 15.6

70 10.9 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VX005023.D (-559) (-)



#38

Carbon Tetrachloride

Concen: 16.981 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.00 min

Lab File: VX005023.D

Acq: 04 Oct 2018 17:21

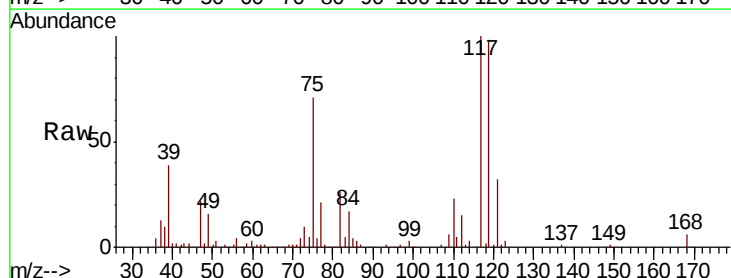
Tgt Ion: 117 Resp: 74591

Ion Ratio Lower Upper

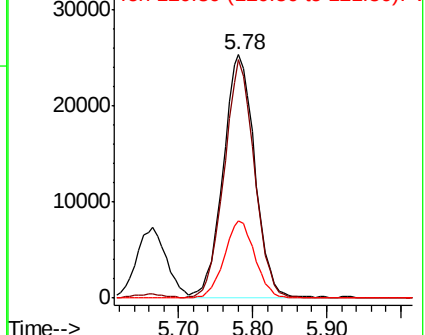
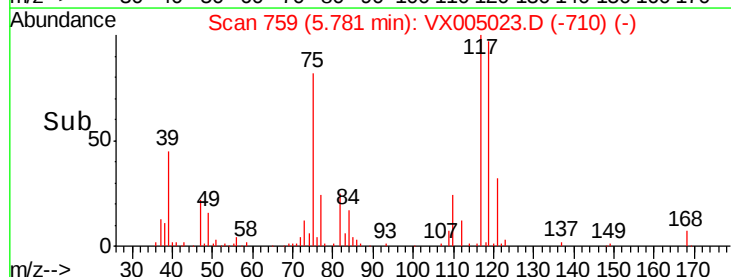
117 100

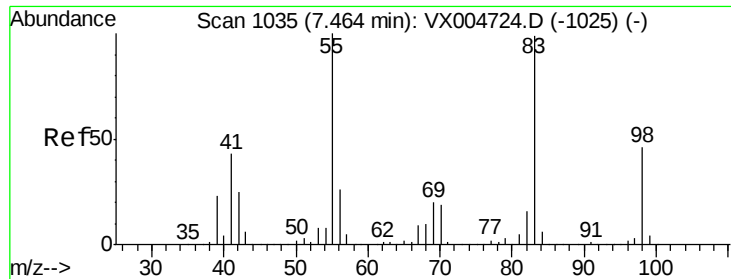
119 98.1 75.2 112.8

121 31.6 22.5 33.7



Abundance Ion 116.80 (116.50 to 117.50): VX005023.D (-710) (-)

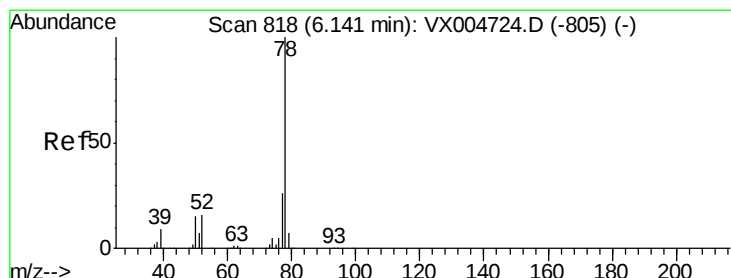
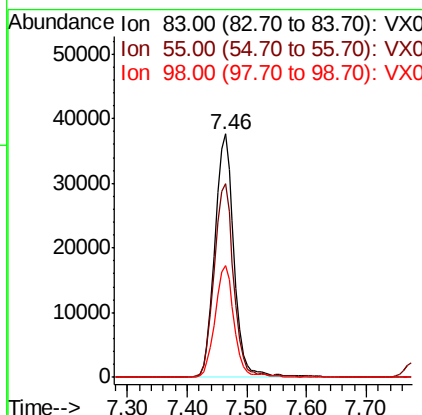
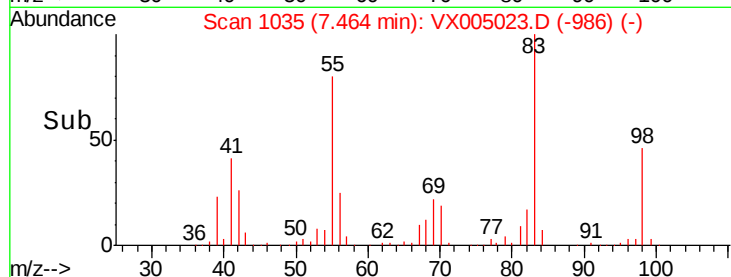
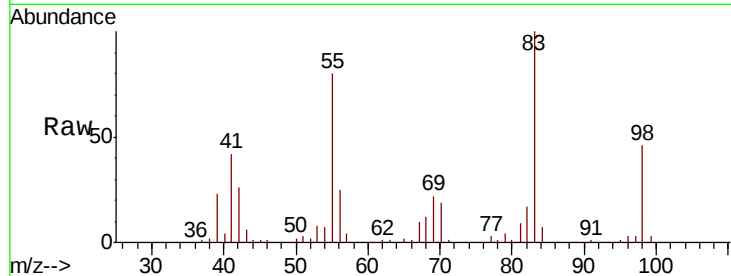




#39
Methvlcvclohexane
Concen: 19.699 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX005023.D
Acq: 04 Oct 2018 17:21

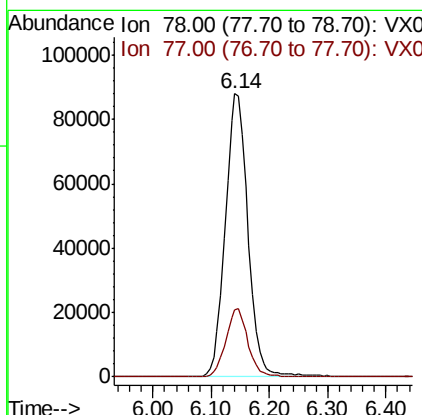
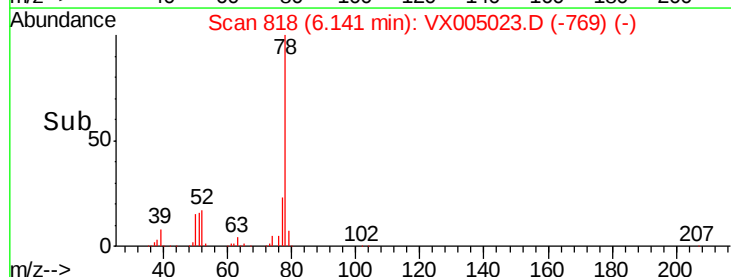
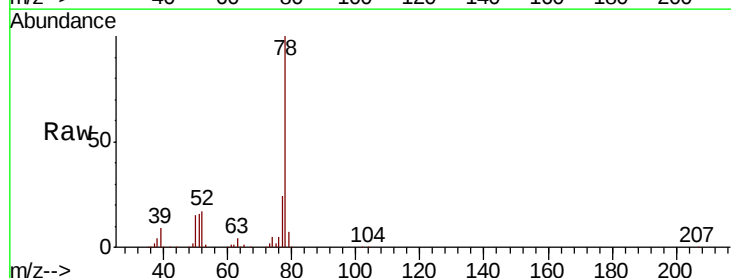
Instrument :
MSVOA_X
ClientSampled :

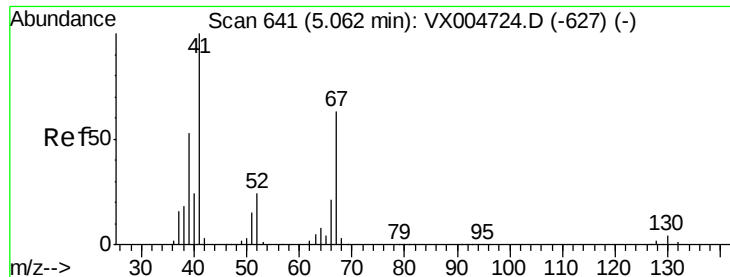
Tot Ion: 83 Resp: 84052
Ion Ratio Lower Upper
83 100
55 79.6 81.1 121.7#
98 46.1 37.3 55.9



#40
Benzene
Concen: 18.251 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX005023.D
Acq: 04 Oct 2018 17:21

Tgt Ion: 78 Resp: 238765
Ion Ratio Lower Upper
78 100
77 23.7 21.0 31.4

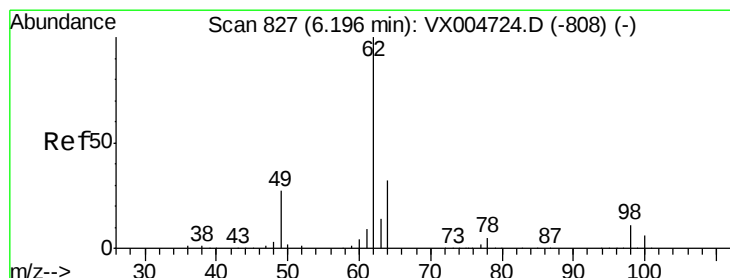
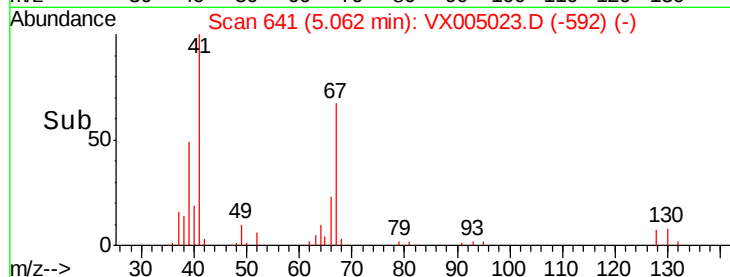
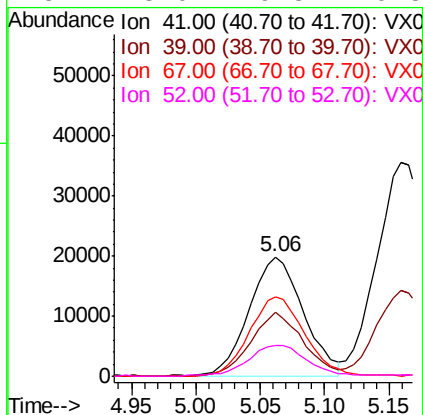
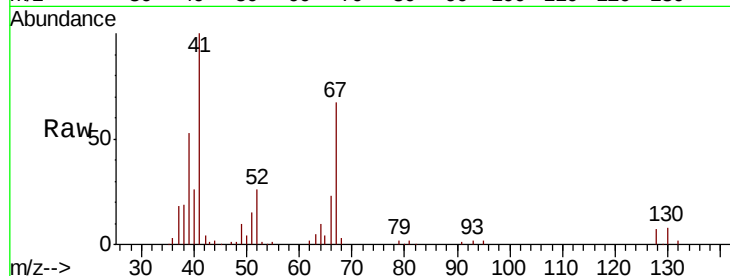




#41
Methacrylonitrile
Concen: 18.639 ug/l
RT: 5.06 min Scan# 641
Delta R.T. -0.00 min
Lab File: VX005023.D
Acq: 04 Oct 2018 17:21

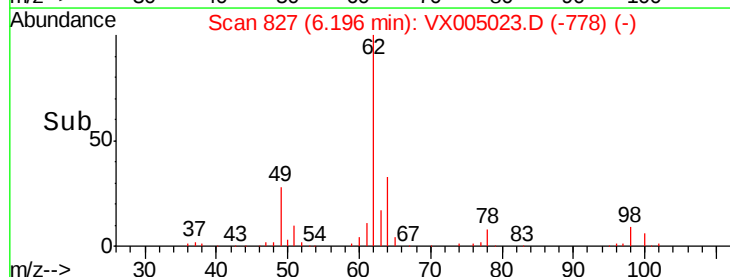
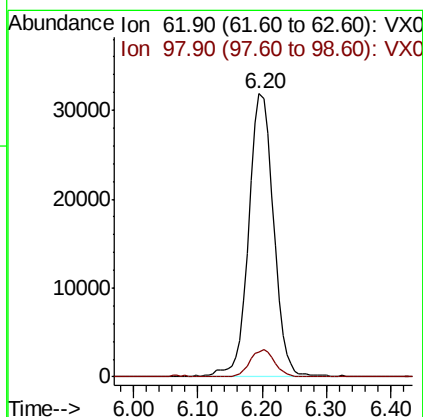
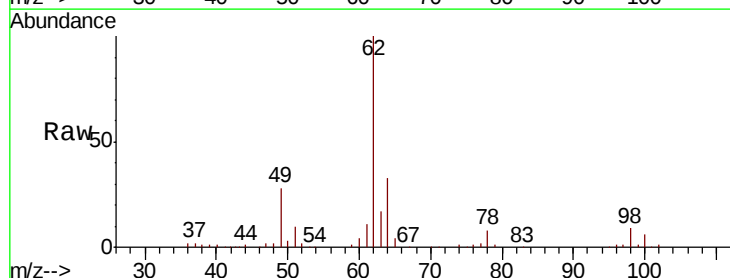
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	41	Resp:	57334
Ion	Ratio	Lower	Upper
41	100		
39	51.5	42.5	63.7
67	69.2	53.0	79.6
52	28.0	19.8	29.8



#42
1,2-Dichloroethane
Concen: 18.012 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX005023.D
Acq: 04 Oct 2018 17:21

Tgt Ion:	62	Resp:	83301
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	20.2





#43

Isopropyl Acetate

Concen: 18.773 ug/l

RT: 6.46 min Scan# 871

Delta R.T. -0.00 min

Lab File: VX005023.D

Acq: 04 Oct 2018 17:21

Instrument :

MSVOA_X

ClientSampleId :

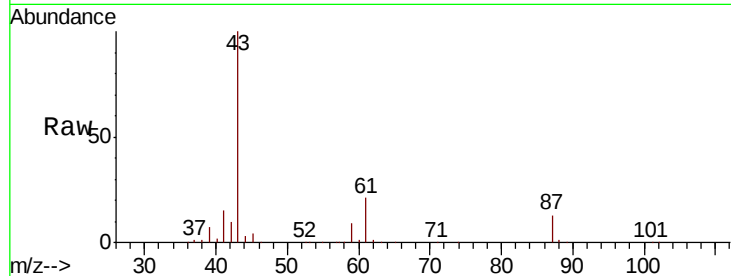
Tot Ion: 43 Resp: 150292

Ion Ratio Lower Upper

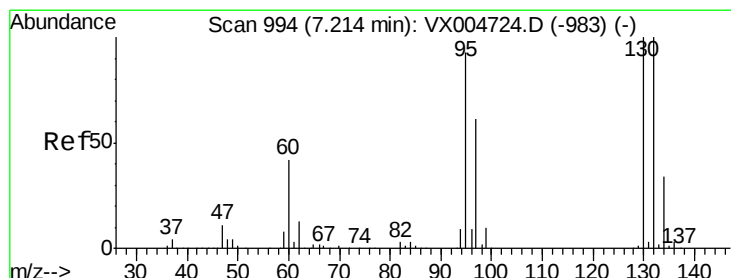
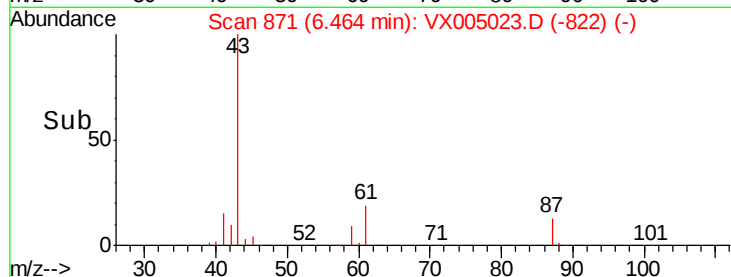
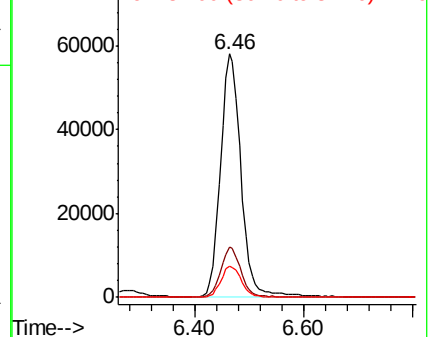
43 100

61 20.2 14.2 21.4

87 13.0 9.3 13.9



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: 19.300 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX005023.D

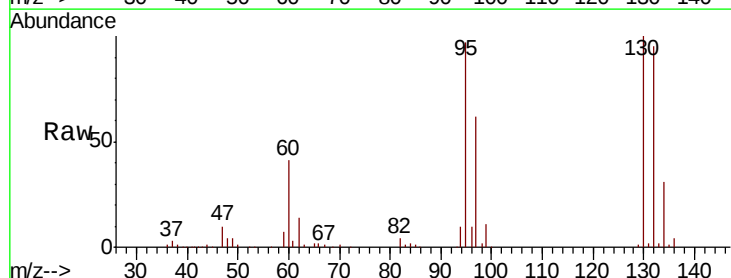
Acq: 04 Oct 2018 17:21

Tgt Ion:130 Resp: 62068

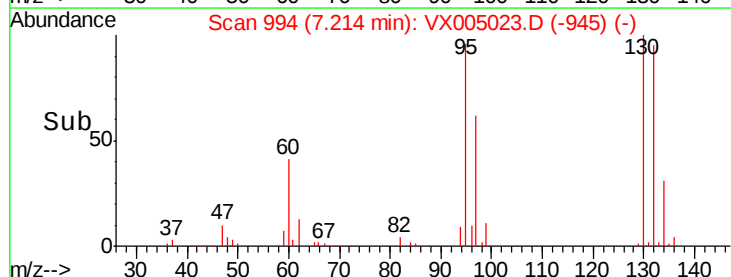
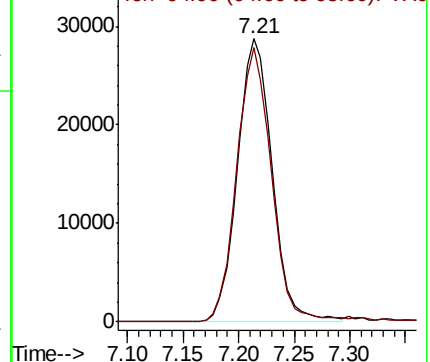
Ion Ratio Lower Upper

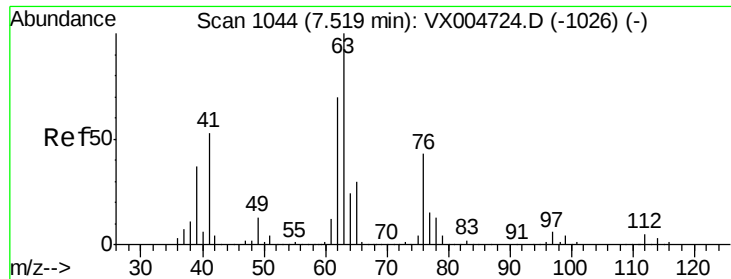
130 100

95 97.0 0.0 186.8



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

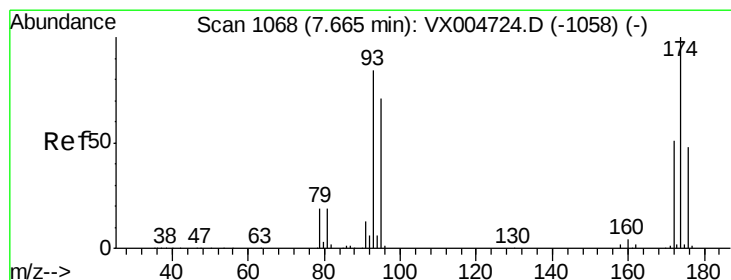
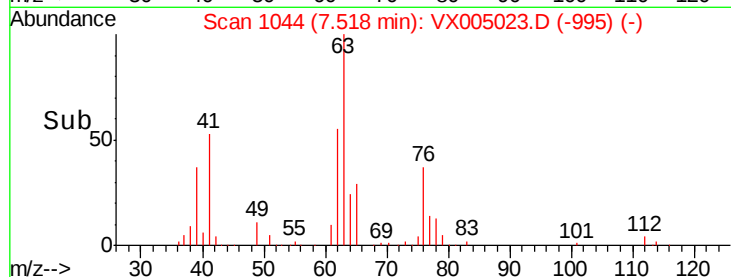
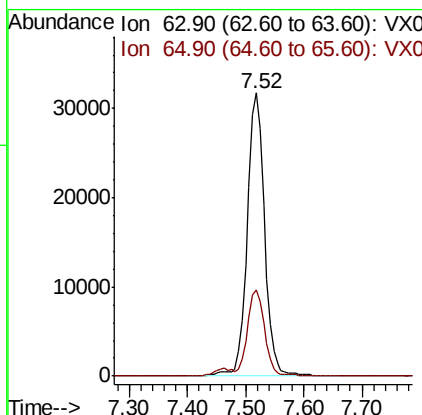
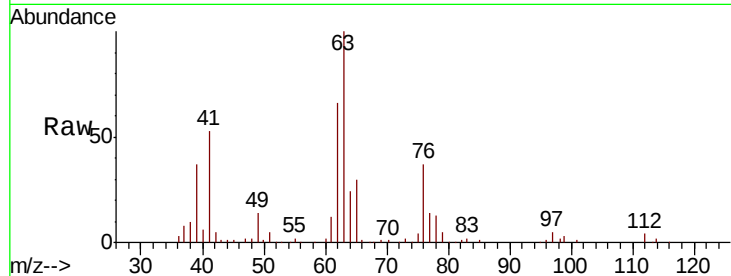




#45
 1,2-Dichloropropane
 Concen: 20.373 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX005023.D
 Acq: 04 Oct 2018 17:21

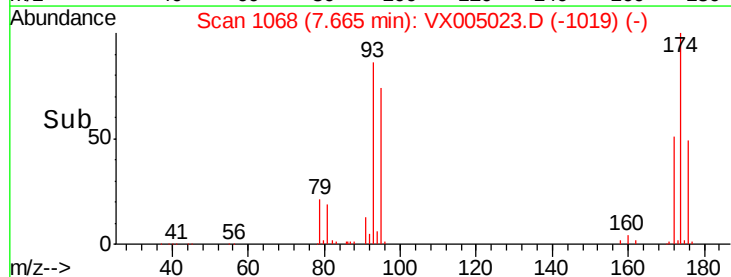
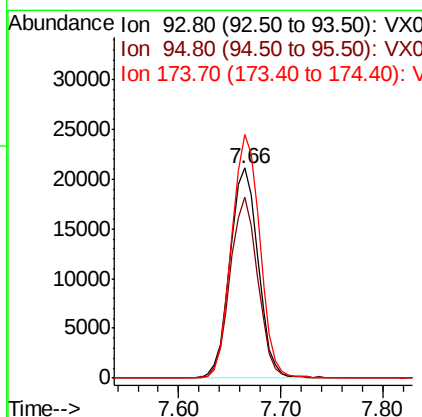
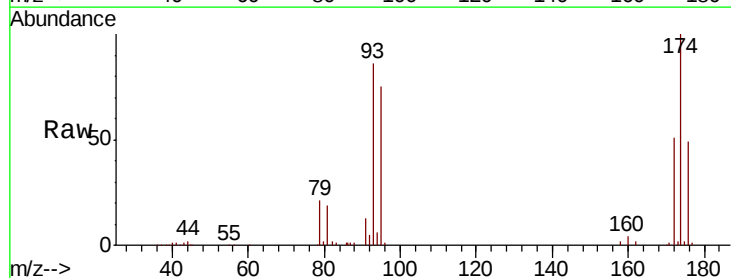
Instrument :
 MSVOA_X
 ClientSampleId :

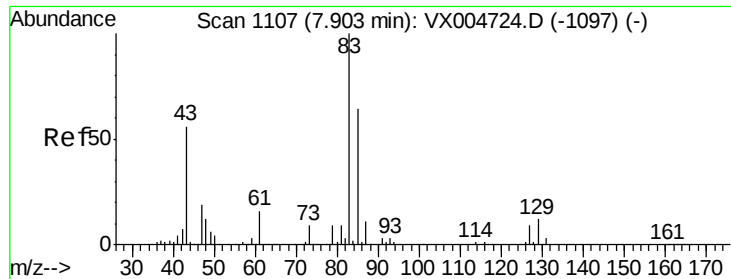
Tot Ion: 63 Resp: 65359
 Ion Ratio Lower Upper
 63 100
 65 30.4 23.9 35.9



#46
 Dibromomethane
 Concen: 20.001 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: VX005023.D
 Acq: 04 Oct 2018 17:21

Tgt Ion: 93 Resp: 40326
 Ion Ratio Lower Upper
 93 100
 95 84.8 66.7 100.1
 174 116.0 92.7 139.1





#47

Bromodichloromethane

Concen: 19.760 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. -0.00 min

Lab File: VX005023.D

Acq: 04 Oct 2018 17:21

Instrument :
MSVOA_X
ClientSampleId :

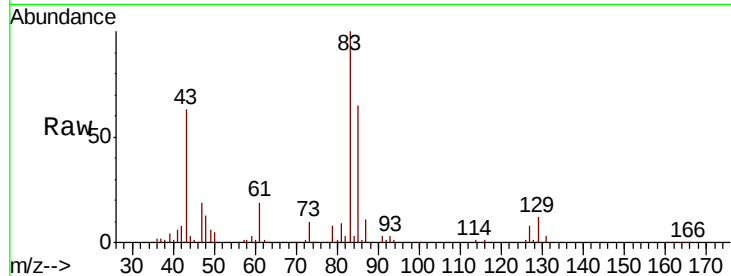
Tot Ion: 83 Resp: 74592

Ion Ratio Lower Upper

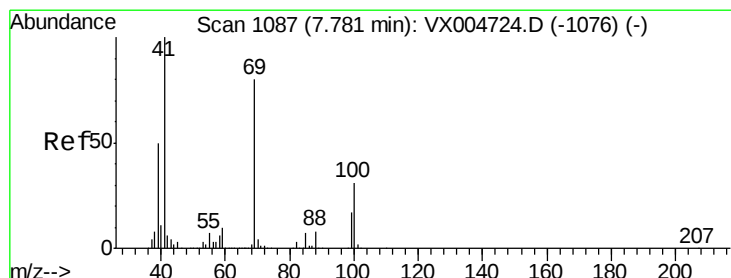
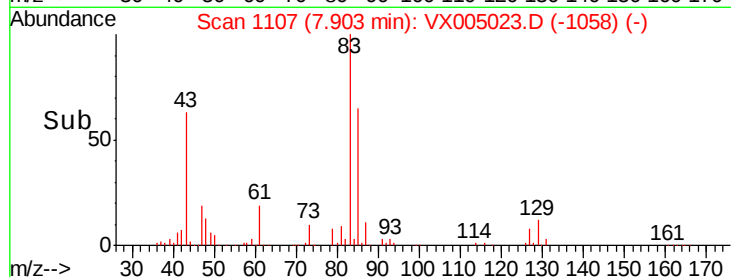
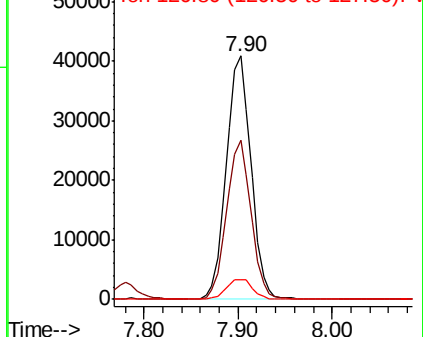
83 100

85 65.1 51.2 76.8

127 8.1 7.0 10.6



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: 21.291 ug/l

RT: 7.78 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX005023.D

Acq: 04 Oct 2018 17:21

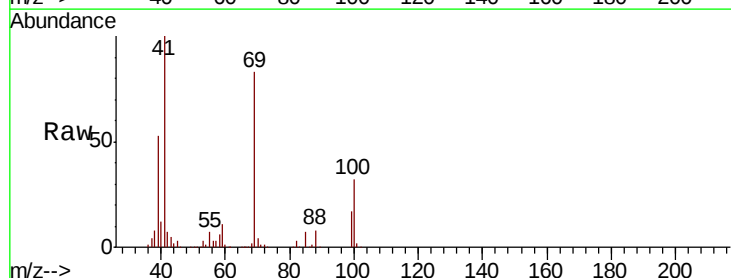
Tgt Ion: 41 Resp: 77368

Ion Ratio Lower Upper

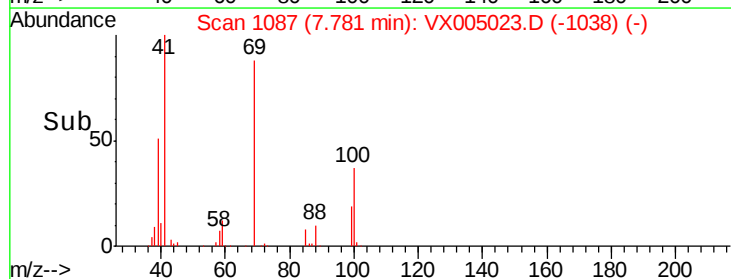
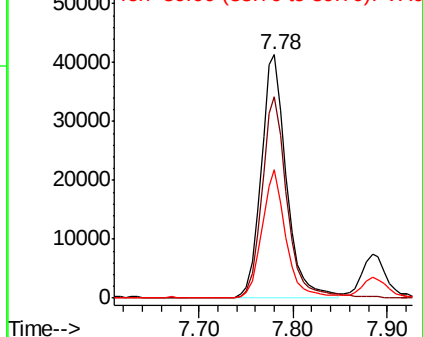
41 100

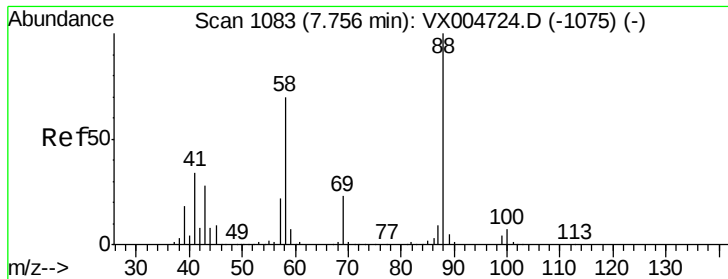
69 83.7 63.8 95.6

39 49.9 40.7 61.1



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: 374.971 ug/l

RT: 7.76 min Scan# 1083

Delta R.T. -0.00 min

Lab File: VX005023.D

Acq: 04 Oct 2018 17:21

Instrument :
MSVOA_X
ClientSampleId :

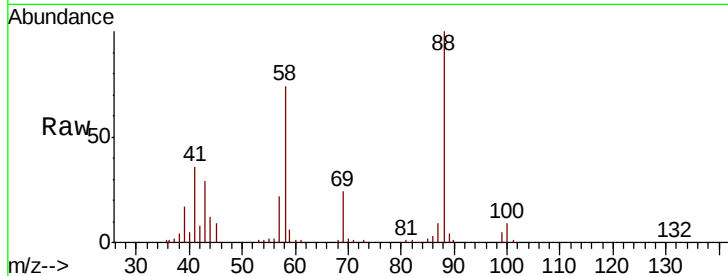
Tot Ion: 88 Resp: 33851

Ion Ratio Lower Upper

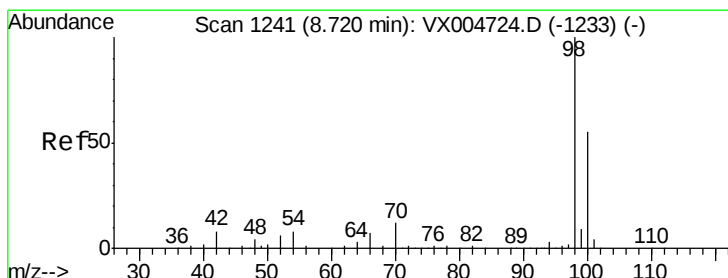
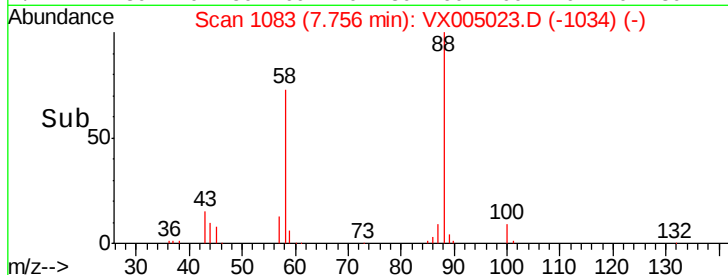
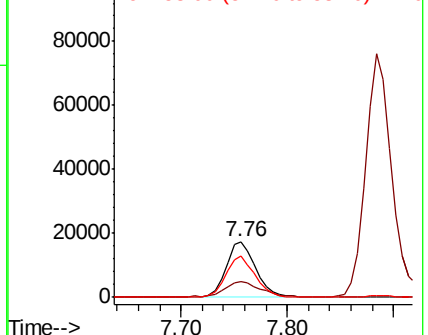
88 100

43 32.8 25.1 37.7

58 74.4 56.2 84.2



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: 51.835 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VX005023.D

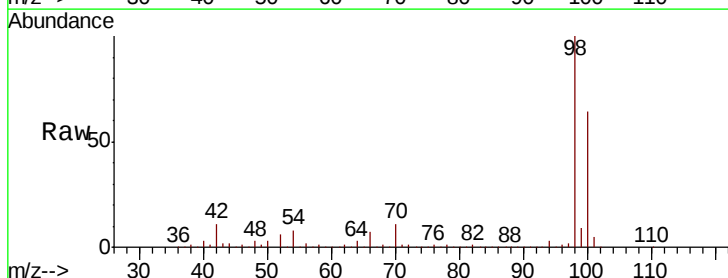
Acq: 04 Oct 2018 17:21

Tgt Ion: 98 Resp: 527775

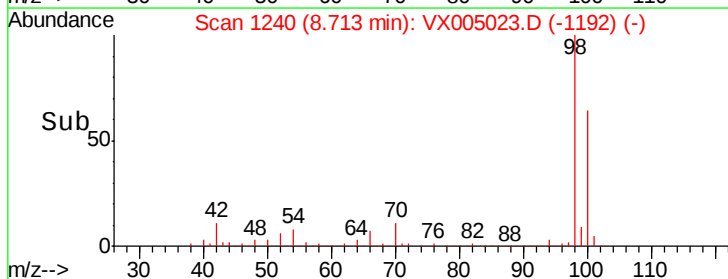
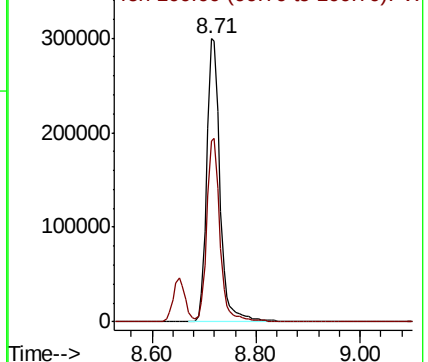
Ion Ratio Lower Upper

98 100

100 64.7 51.9 77.9



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

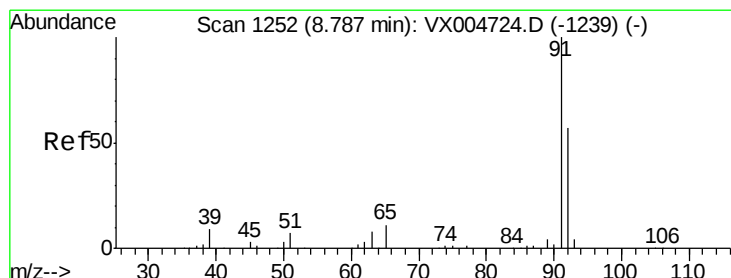
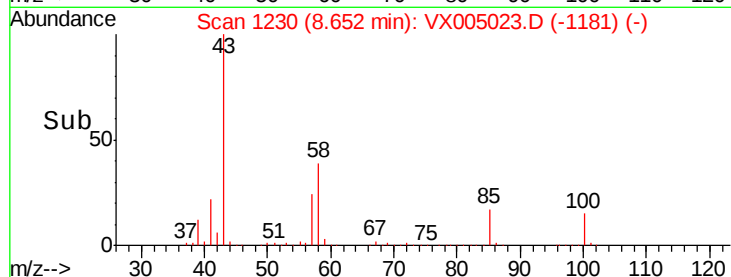
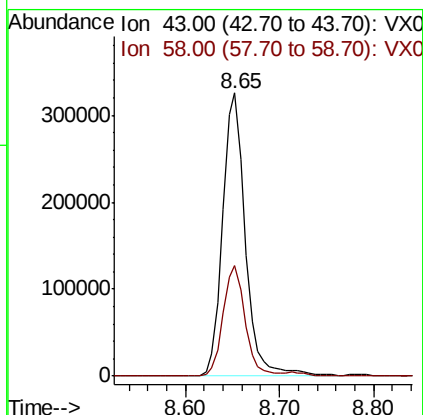
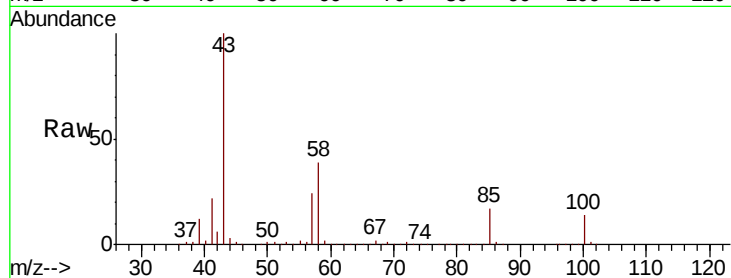




#51
4-Methyl-2-Pentanone
Concen: 108.249 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. -0.00 min
Lab File: VX005023.D
Acq: 04 Oct 2018 17:21

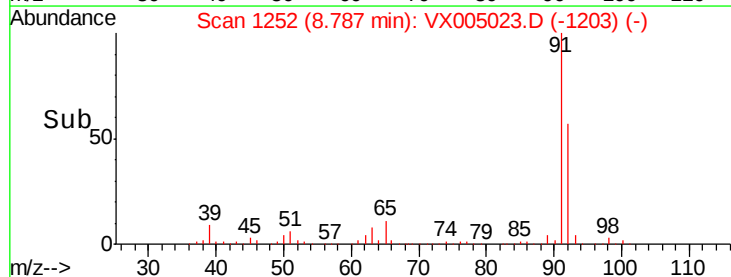
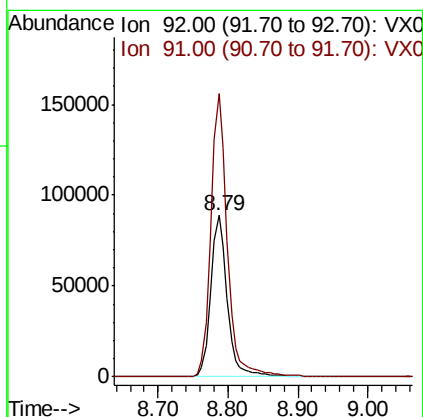
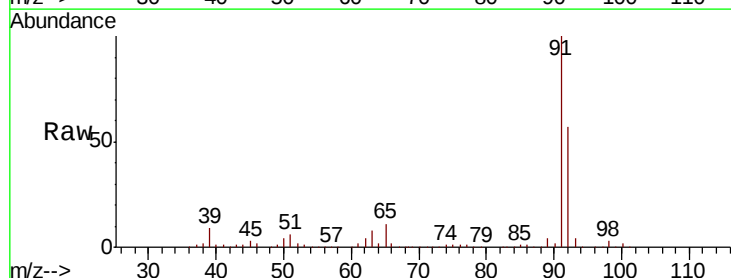
Instrument :
MSVOA_X
ClientSampleId :

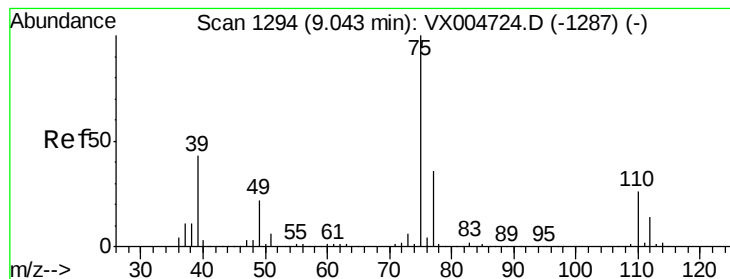
Tot Ion: 43 Resp: 545668
Ion Ratio Lower Upper
43 100
58 37.7 30.5 45.7



#52
Toluene
Concen: 20.492 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX005023.D
Acq: 04 Oct 2018 17:21

Tgt Ion: 92 Resp: 147301
Ion Ratio Lower Upper
92 100
91 174.1 136.7 205.1





#53

t-1,3-Dichloropropene

Concen: 19.156 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX005023.D

Acq: 04 Oct 2018 17:21

Instrument :

MSVOA_X

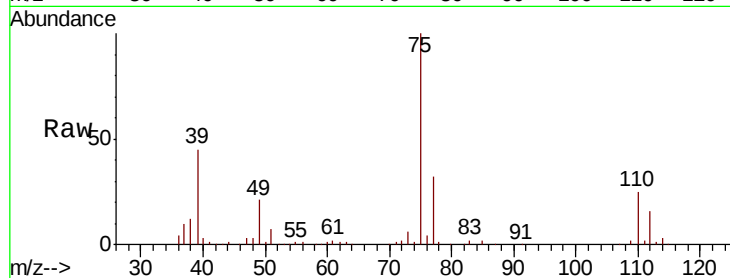
ClientSampleId :

Tot Ion: 75 Resp: 81715

Ion Ratio Lower Upper

75 100

77 31.9 28.9 43.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

60000

50000

40000

30000

20000

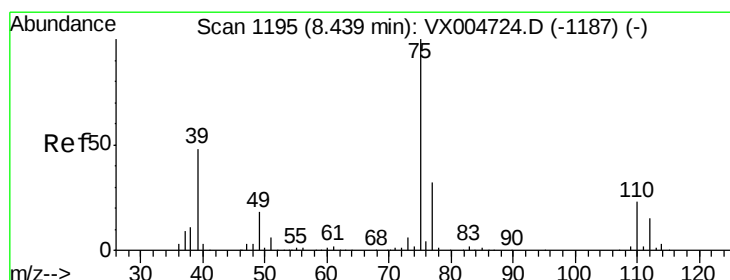
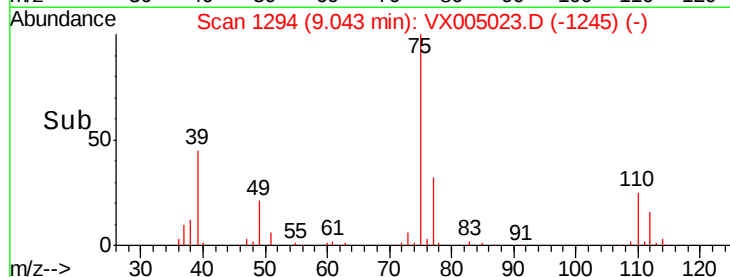
10000

0

9.04

9.00 9.10

Time-->



#54

cis-1,3-Dichloropropene

Concen: 20.618 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. -0.00 min

Lab File: VX005023.D

Acq: 04 Oct 2018 17:21

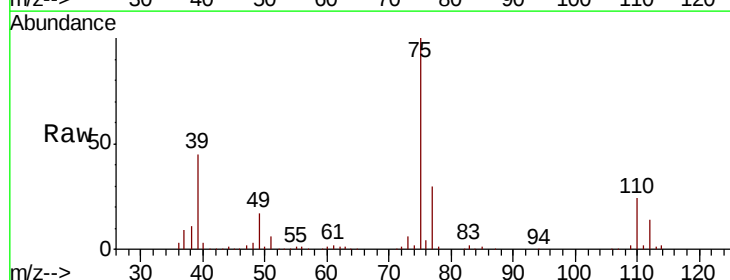
Tgt Ion: 75 Resp: 92122

Ion Ratio Lower Upper

75 100

77 29.8 25.7 38.5

39 44.5 38.3 57.5



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

80000

60000

40000

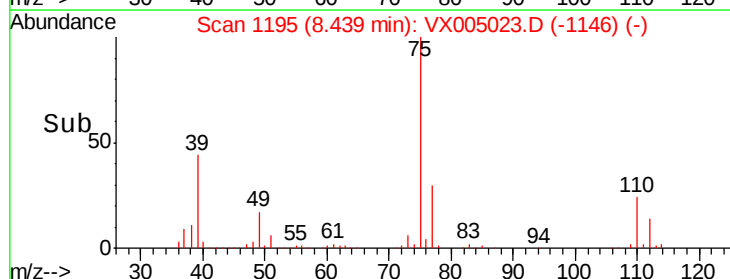
20000

0

8.44

8.30 8.40 8.50 8.60

Time-->



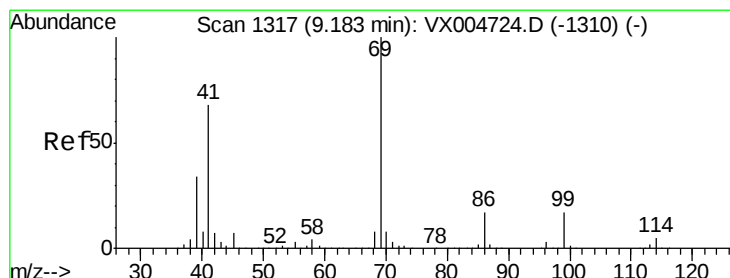
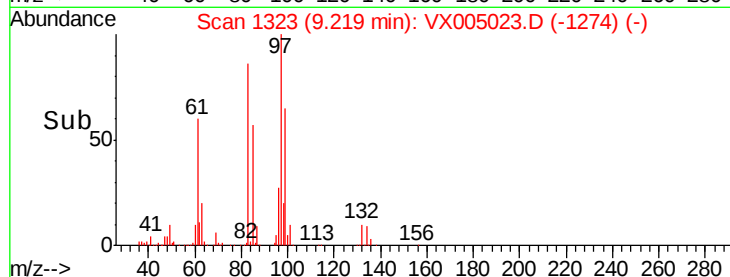
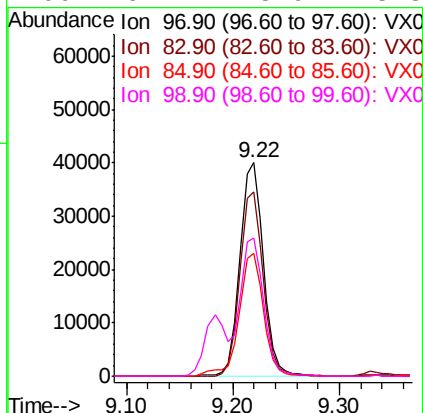
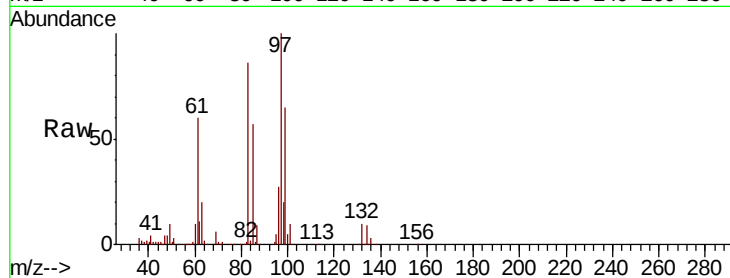


#55
 1,1,2-Trichloroethane
 Concen: 19.738 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: VX005023.D
 Acq: 04 Oct 2018 17:21

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 97 Resp: 62149

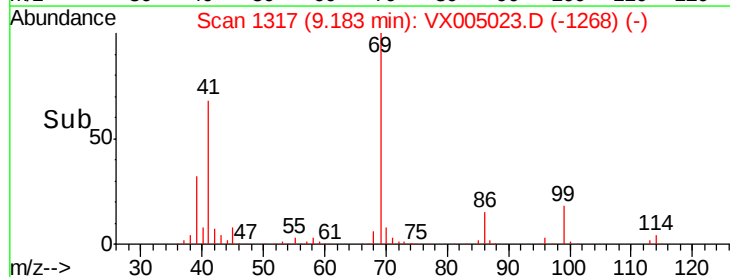
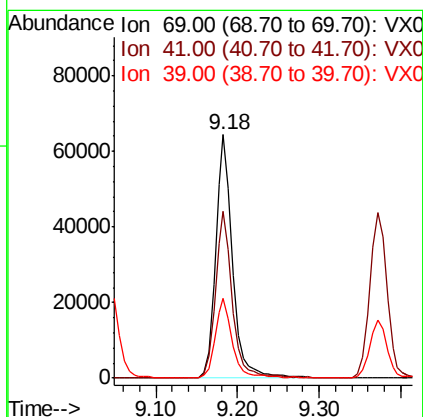
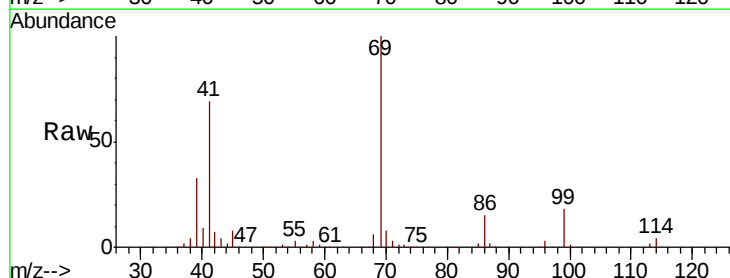
Ion	Ratio	Lower	Upper
97	100		
83	86.1	68.2	102.2
85	57.4	49.9	74.9
99	64.7	48.9	73.3

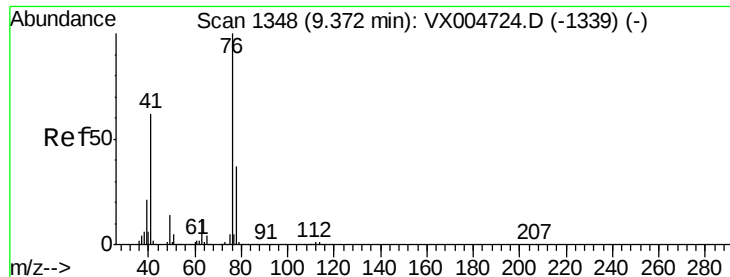


#56
 Ethyl methacrylate
 Concen: 20.249 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX005023.D
 Acq: 04 Oct 2018 17:21

Tgt Ion: 69 Resp: 94231

Ion	Ratio	Lower	Upper
69	100		
41	67.9	56.9	85.3
39	33.1	28.4	42.6





#57

1,3-Dichloropropane

Concen: 20.093 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX005023.D

Acq: 04 Oct 2018 17:21

Instrument :

MSVOA_X

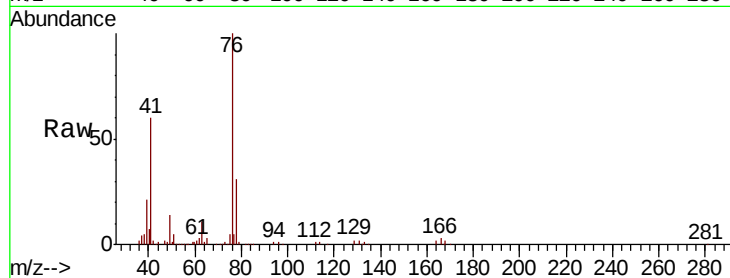
ClientSampleId :

Tot Ion: 76 Resp: 105297

Ion Ratio Lower Upper

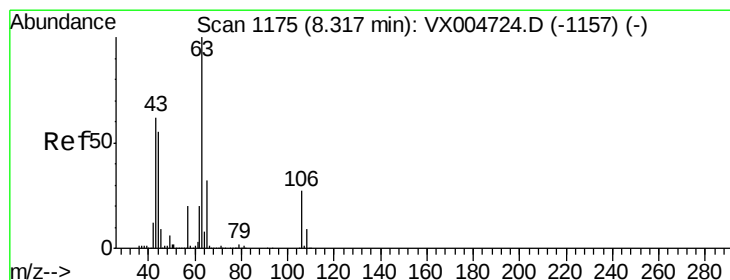
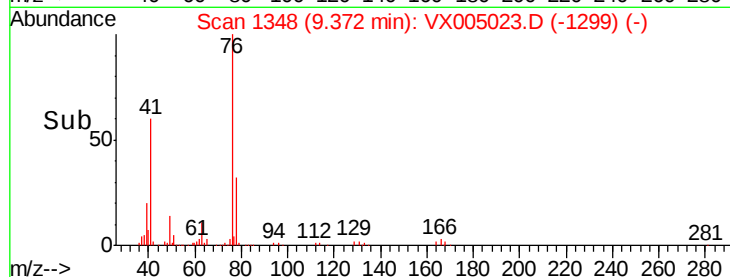
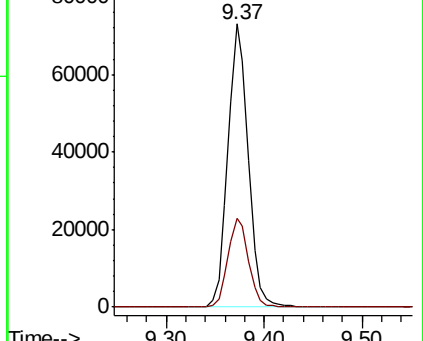
76 100

78 31.9 26.6 40.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 109.525 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. -0.00 min

Lab File: VX005023.D

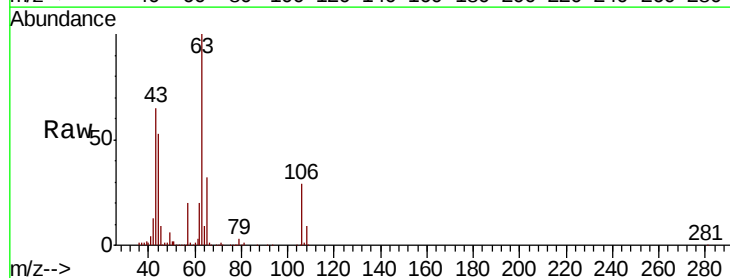
Acq: 04 Oct 2018 17:21

Tgt Ion: 63 Resp: 274127

Ion Ratio Lower Upper

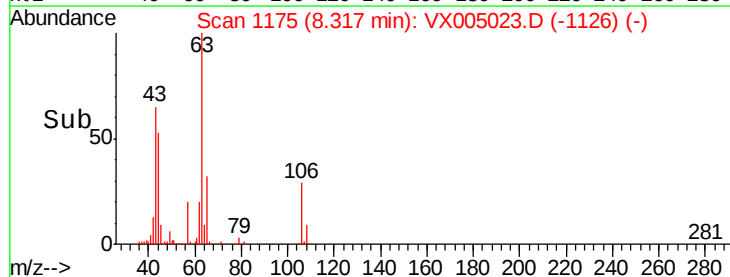
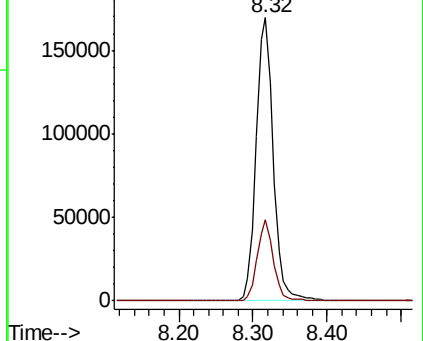
63 100

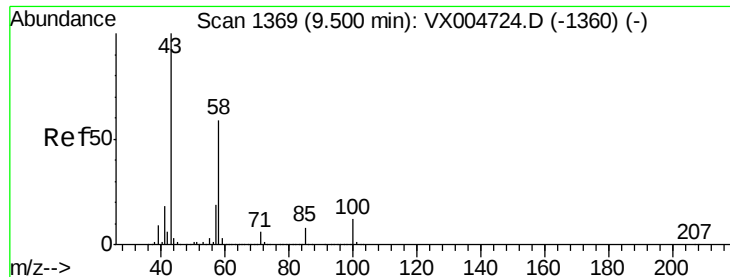
106 27.0 21.0 31.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

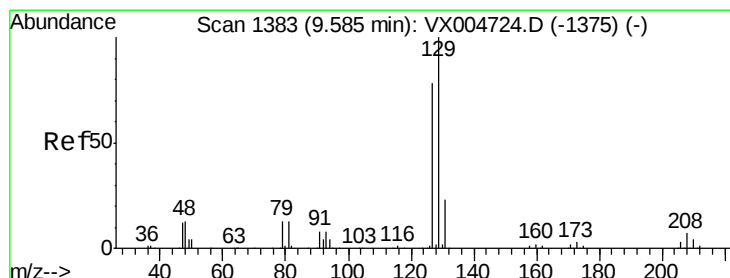
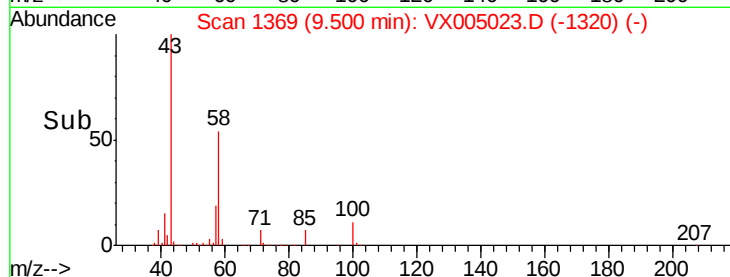
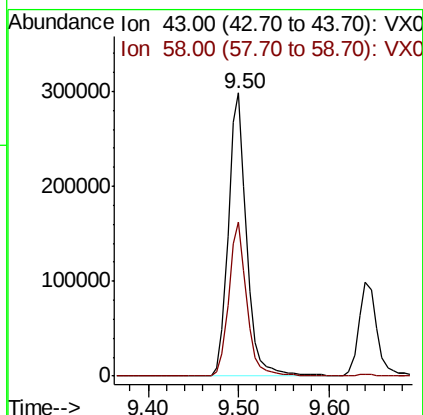
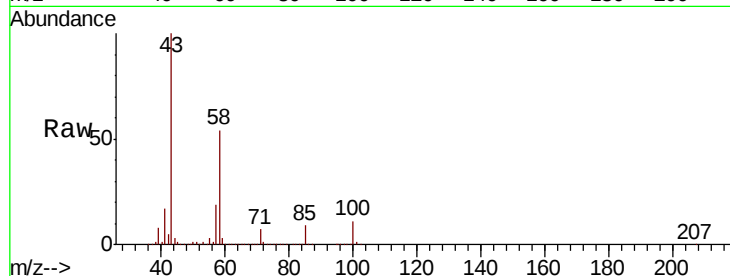




#59
2-Hexanone
Concen: 100.888 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX005023.D
Acq: 04 Oct 2018 17:21

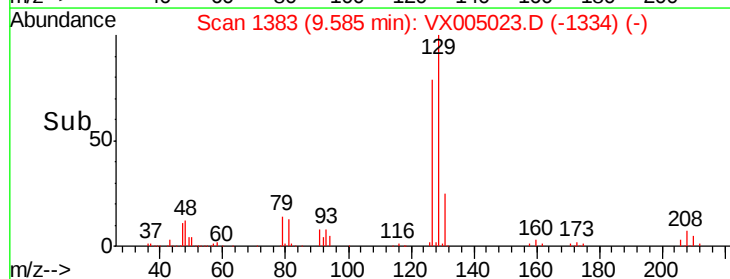
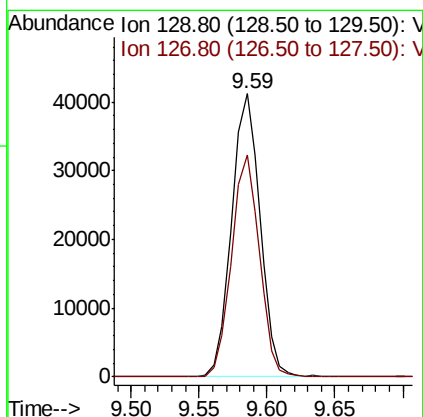
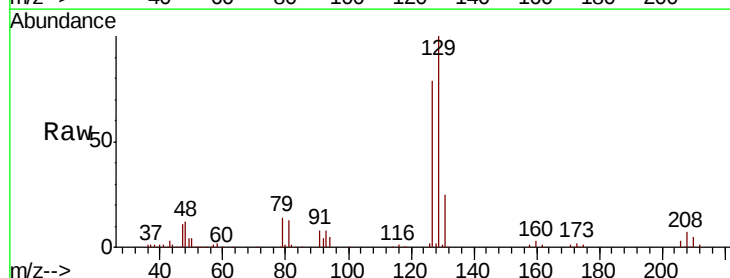
Instrument :
MSVOA_X
ClientSampleId :

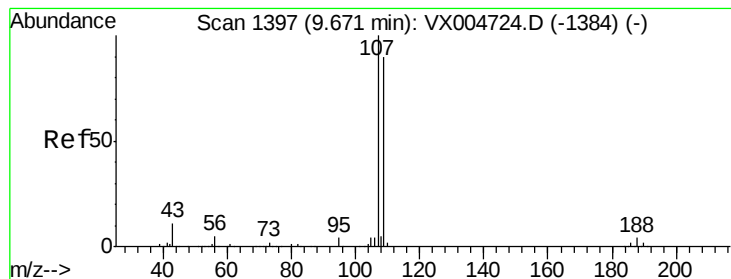
Tot Ion: 43 Resp: 423793
Ion Ratio Lower Upper
43 100
58 53.4 28.4 85.3



#60
Dibromochloromethane
Concen: 19.105 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005023.D
Acq: 04 Oct 2018 17:21

Tgt Ion:129 Resp: 60160
Ion Ratio Lower Upper
129 100
127 76.6 39.1 117.2





#61

1,2-Dibromoethane

Concen: 19.026 ug/l

RT: 9.68 min Scan# 1398

Delta R.T. 0.01 min

Lab File: VX005023.D

Acq: 04 Oct 2018 17:21

Instrument :

MSVOA_X

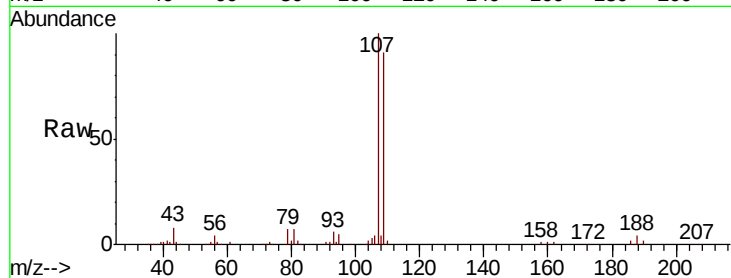
ClientSampleId :

Tot Ion:107 Resp: 64159

Ion Ratio Lower Upper

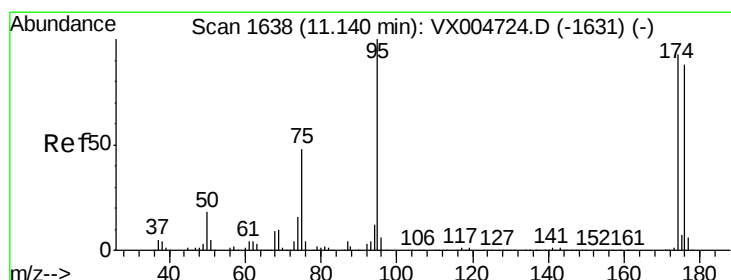
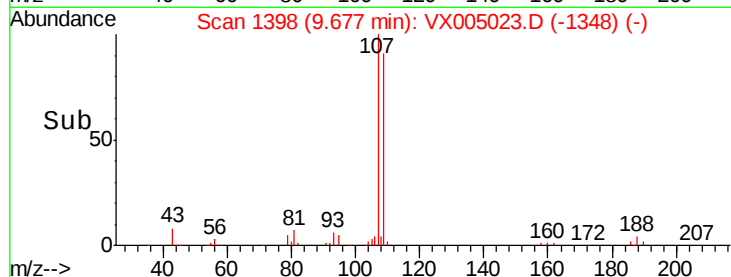
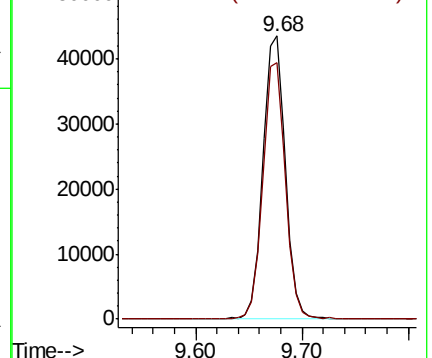
107 100

109 91.9 72.1 108.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 52.580 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005023.D

Acq: 04 Oct 2018 17:21

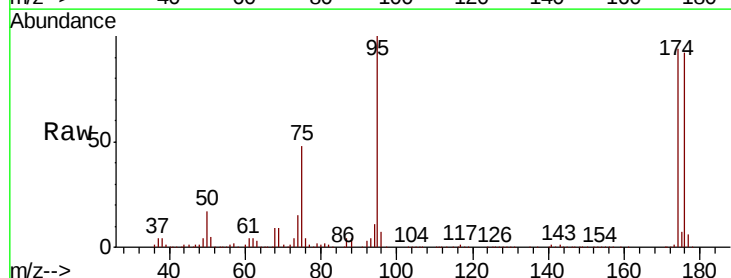
Tgt Ion: 95 Resp: 192866

Ion Ratio Lower Upper

95 100

174 91.6 0.0 185.0

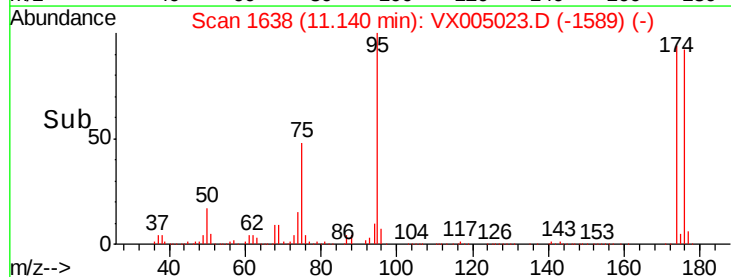
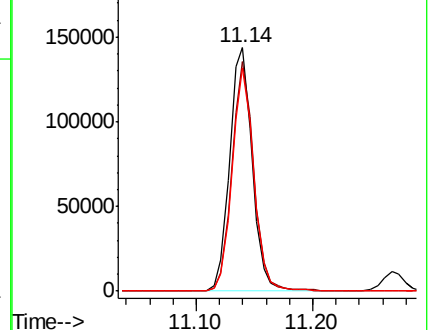
176 88.5 0.0 180.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

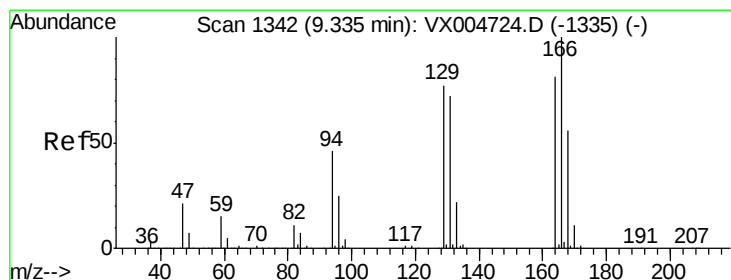
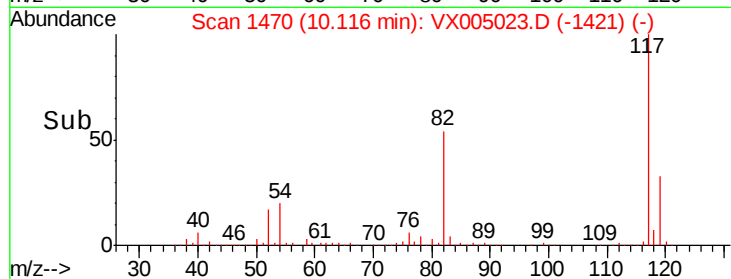
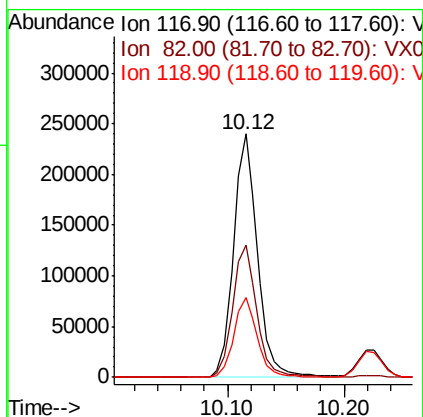
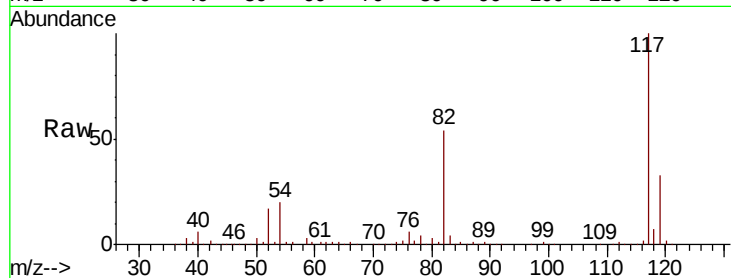




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005023.D
Acq: 04 Oct 2018 17:21

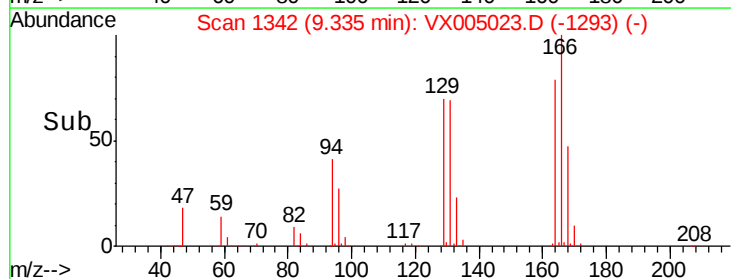
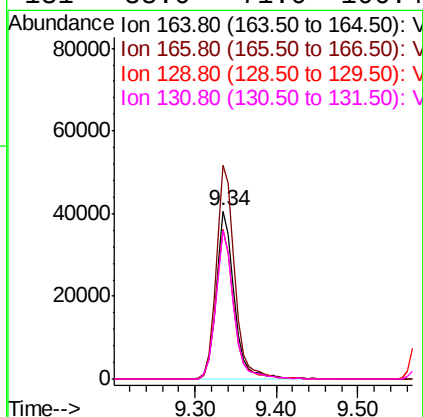
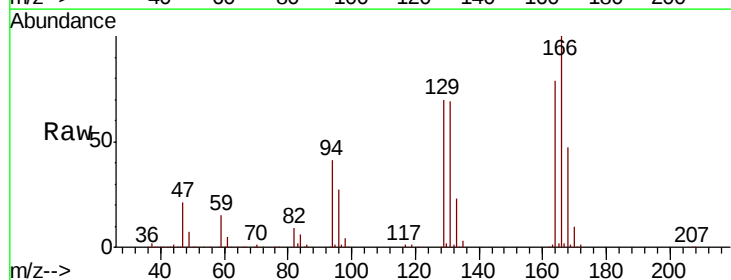
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 342856
Ion Ratio Lower Upper
117 100
82 54.3 42.2 63.4
119 32.5 27.4 41.0



#64
Tetrachloroethene
Concen: 18.797 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005023.D
Acq: 04 Oct 2018 17:21

Tgt Ion:164 Resp: 63430
Ion Ratio Lower Upper
164 100
166 126.9 98.4 147.6
129 89.1 76.1 114.1
131 88.0 71.0 106.4

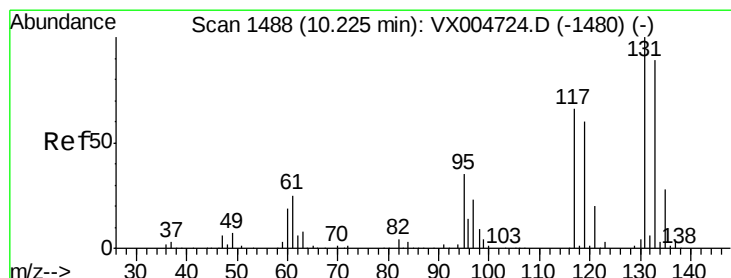
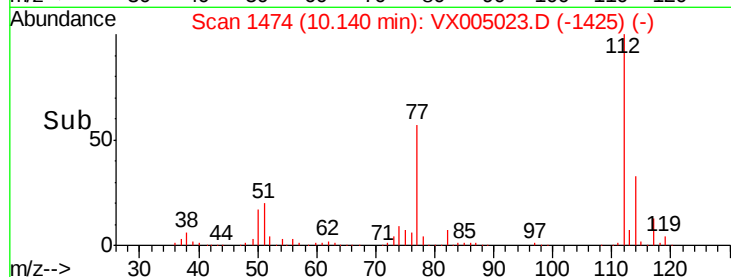
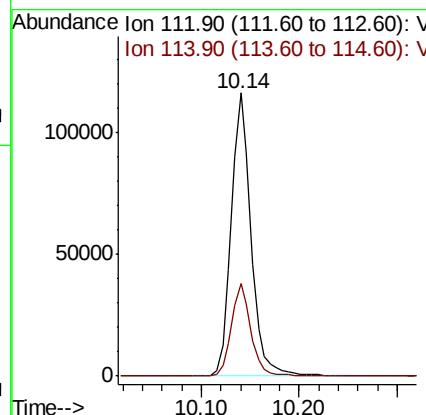
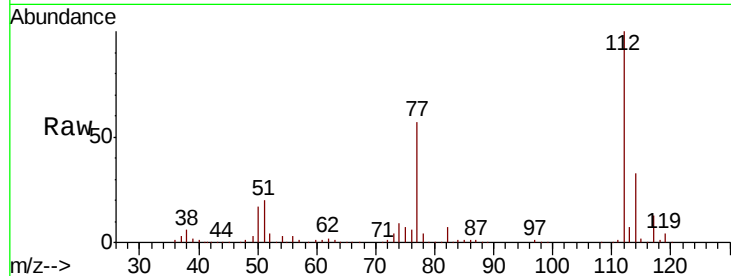




#65
Chlorobenzene
Concen: 18.637 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX005023.D
Acq: 04 Oct 2018 17:21

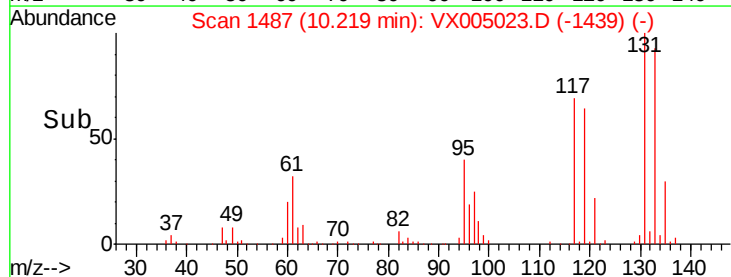
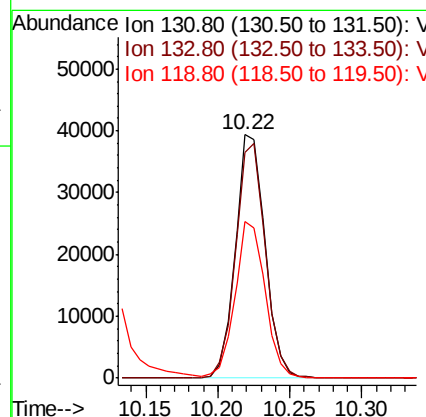
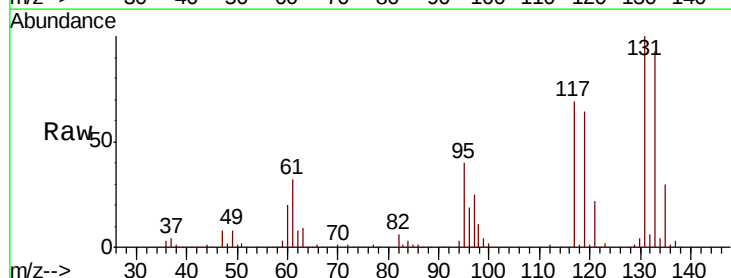
Instrument :
MSVOA_X
ClientSampleId :

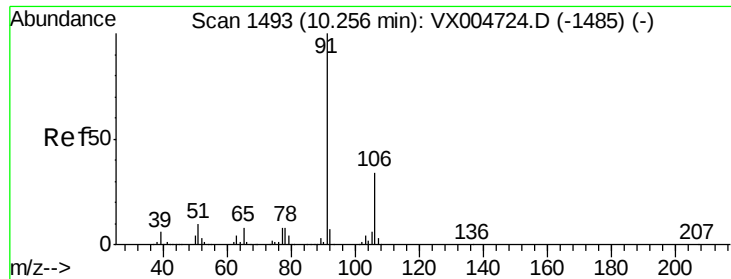
Tot Ion:112 Resp: 163852
Ion Ratio Lower Upper
112 100
114 32.7 26.7 40.1



#66
1,1,1,2-Tetrachloroethane
Concen: 18.364 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.01 min
Lab File: VX005023.D
Acq: 04 Oct 2018 17:21

Tgt Ion:131 Resp: 56759
Ion Ratio Lower Upper
131 100
133 96.6 48.4 145.0
119 65.6 32.3 96.8

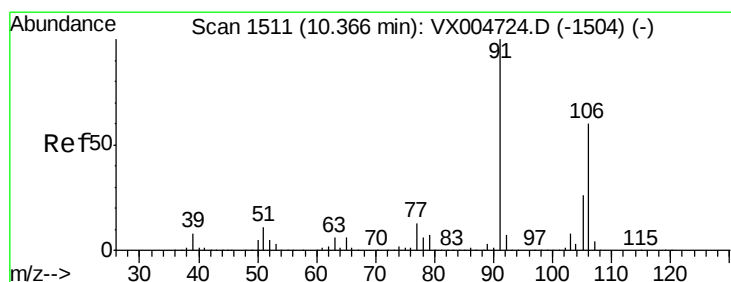
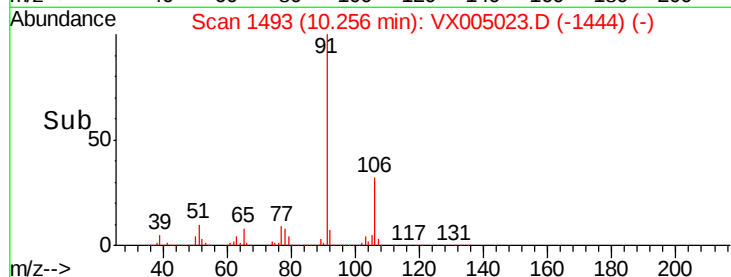
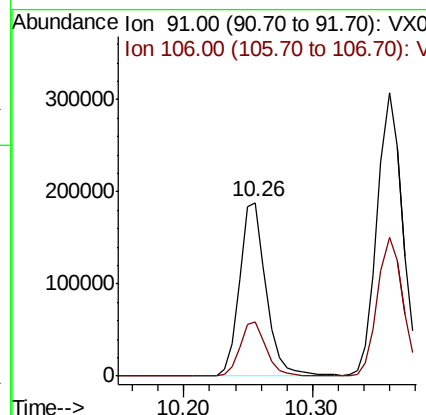
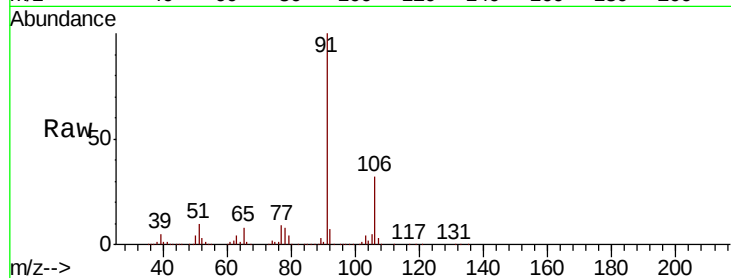




#67
Ethyl Benzene
Concen: 19.375 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VX005023.D
Acq: 04 Oct 2018 17:21

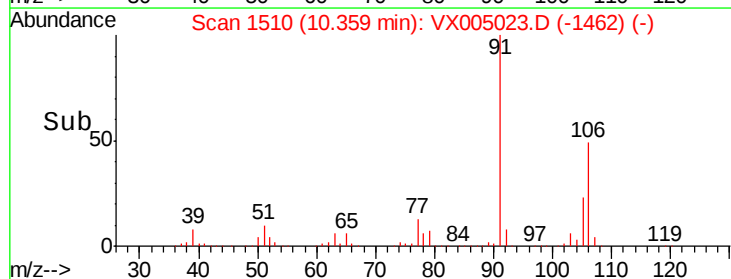
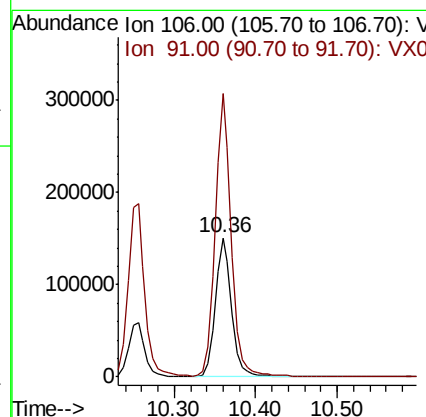
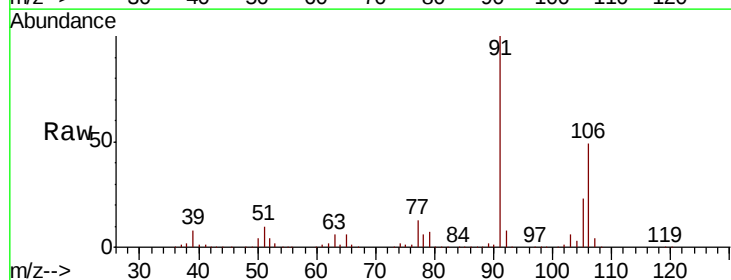
Instrument :
MSVOA_X
ClientSampleId :

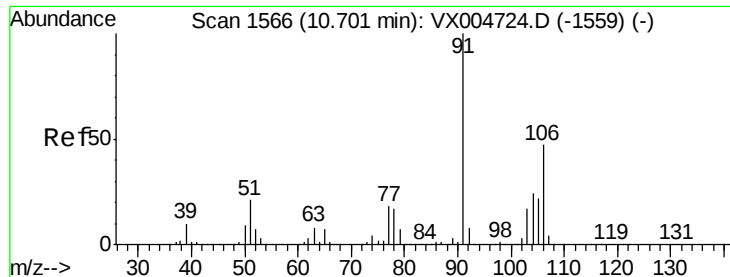
Tot Ion: 91 Resp: 270442
Ion Ratio Lower Upper
91 100
106 31.6 26.9 40.3



#68
m/p-Xylenes
Concen: 39.038 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX005023.D
Acq: 04 Oct 2018 17:21

Tgt Ion: 106 Resp: 212931
Ion Ratio Lower Upper
106 100
91 202.4 157.5 236.3

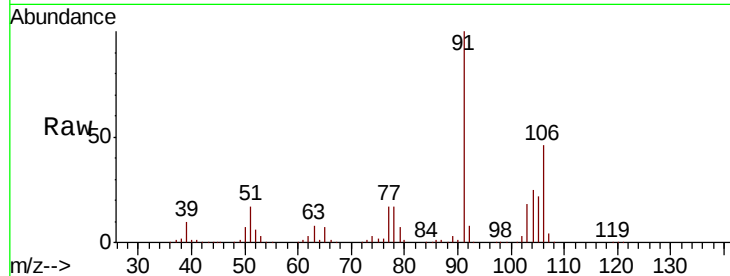




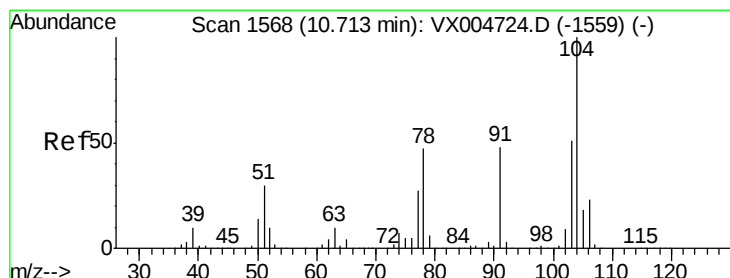
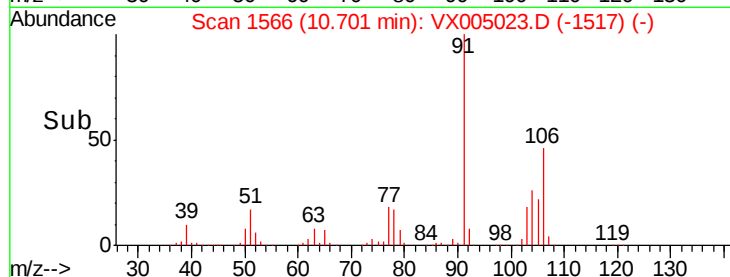
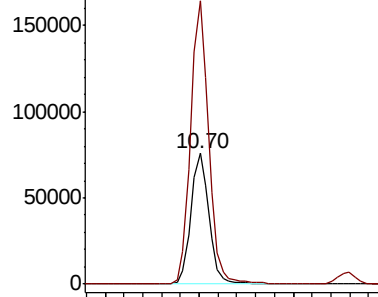
#69
o-Xylene
Concen: 20.270 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005023.D
Acq: 04 Oct 2018 17:21

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:106 Resp: 101551
Ion Ratio Lower Upper
106 100
91 215.8 108.3 324.8

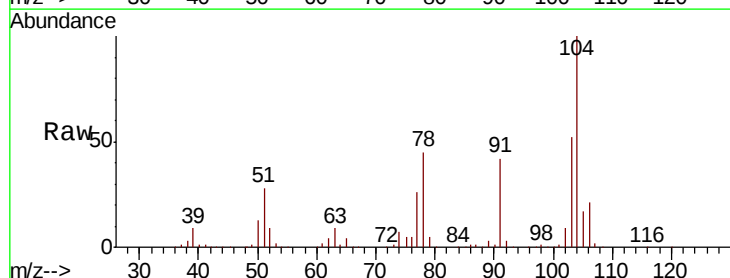


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

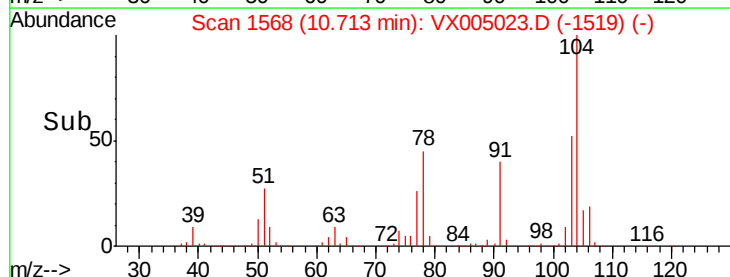
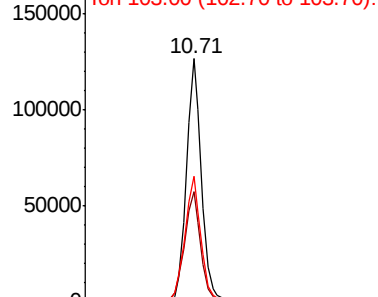


#70
Styrene
Concen: 19.547 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005023.D
Acq: 04 Oct 2018 17:21

Tgt Ion:104 Resp: 170397
Ion Ratio Lower Upper
104 100
78 49.6 40.0 60.0
103 55.5 44.3 66.5



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





#71

Bromoform

Concen: 17.622 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005023.D

Acq: 04 Oct 2018 17:21

Instrument :

MSVOA_X

ClientSampleId :

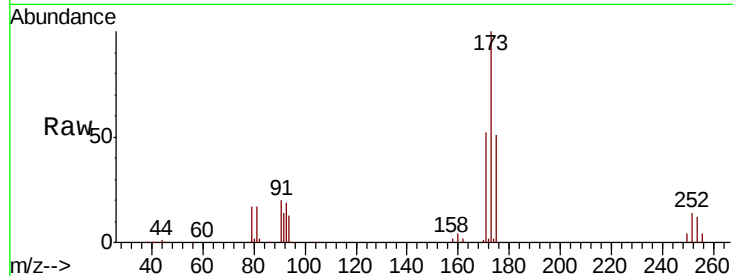
Tot Ion:173 Resp: 46630

Ion Ratio Lower Upper

173 100

175 49.7 23.3 69.8

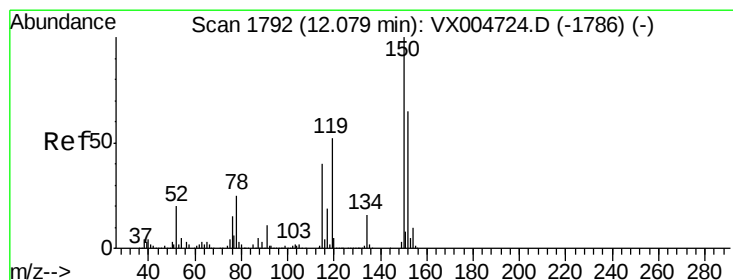
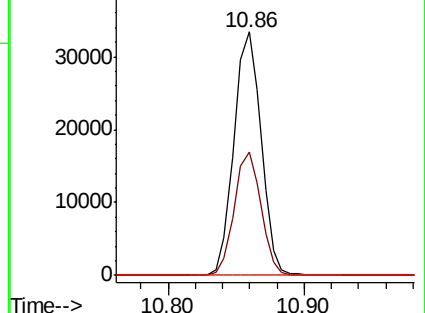
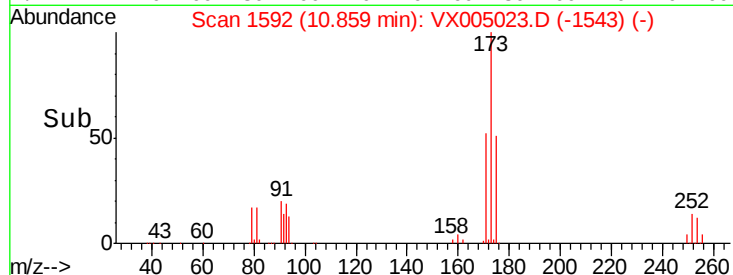
254 0.1 0.2 0.2#



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: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX005023.D

Acq: 04 Oct 2018 17:21

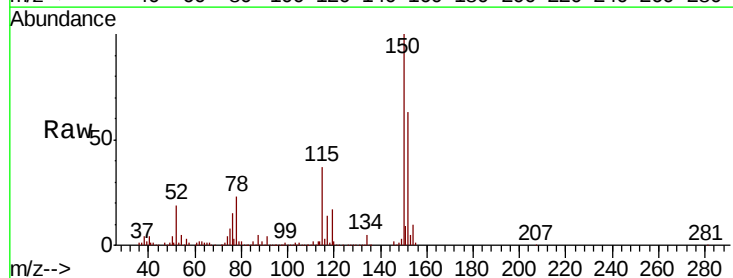
Tgt Ion:152 Resp: 201822

Ion Ratio Lower Upper

152 100

115 64.5 40.2 120.6

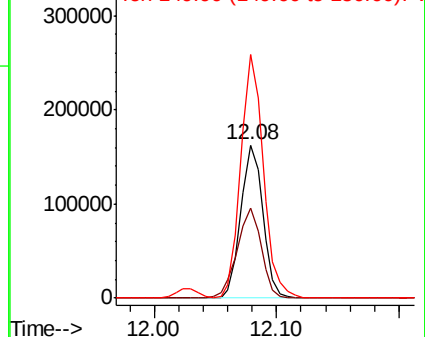
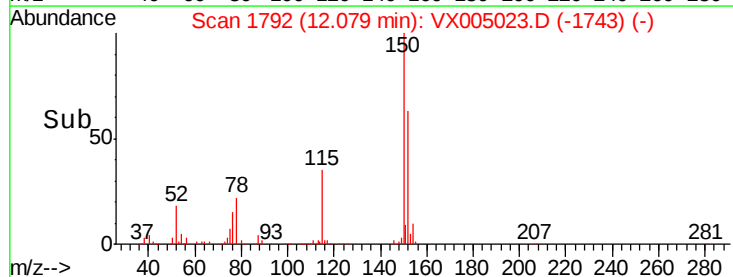
150 164.3 0.0 351.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.467 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005023.D

Acq: 04 Oct 2018 17:21

Instrument :

MSVOA_X

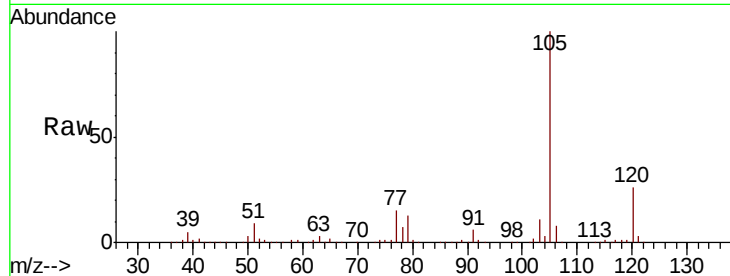
ClientSampleId :

Tot Ion: 105 Resp: 273090

Ion Ratio Lower Upper

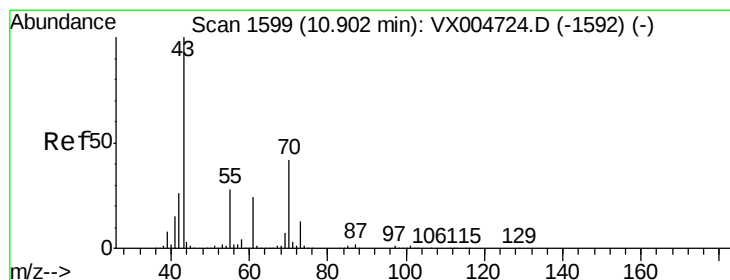
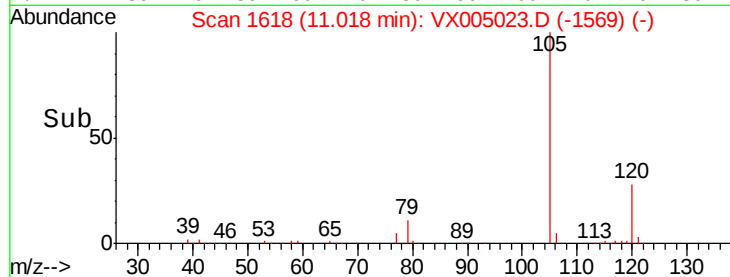
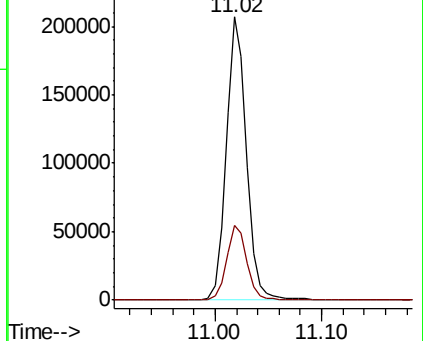
105 100

120 26.6 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.426 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. -0.00 min

Lab File: VX005023.D

Acq: 04 Oct 2018 17:21

Tgt Ion: 43 Resp: 128087

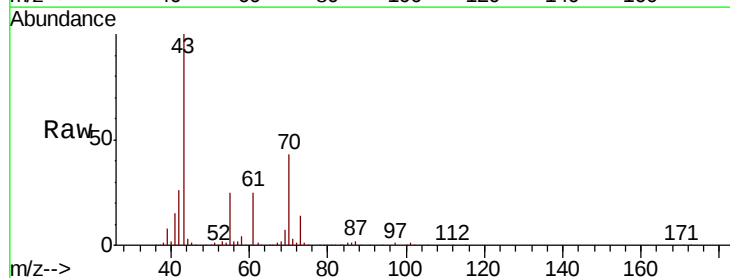
Ion Ratio Lower Upper

43 100

70 41.6 32.6 48.8

55 25.5 21.6 32.4

61 24.5 19.1 28.7

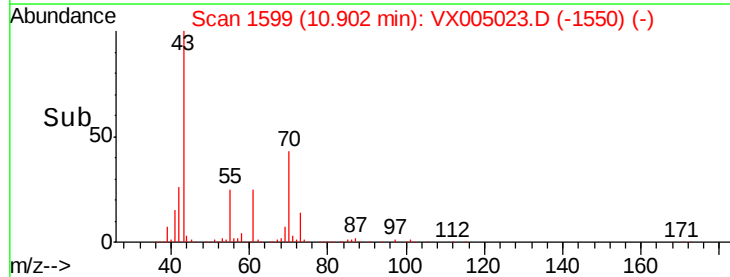
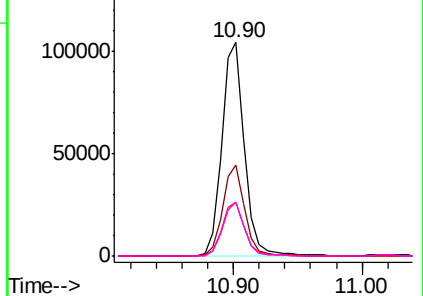


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.934 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005023.D

Acq: 04 Oct 2018 17:21

Instrument :

MSVOA_X

ClientSampleId :

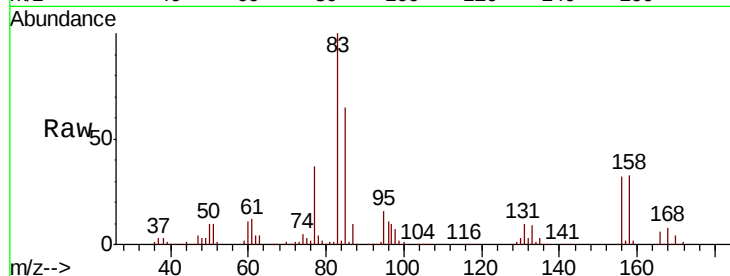
Tot Ion: 83 Resp: 98047

Ion Ratio Lower Upper

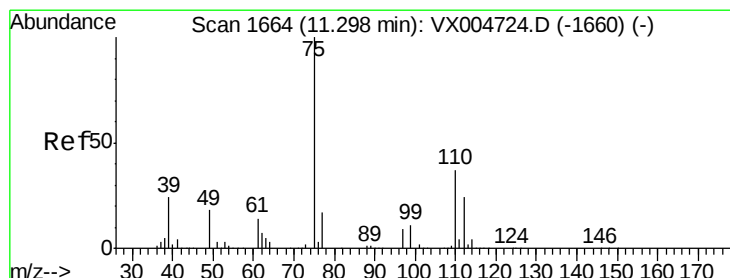
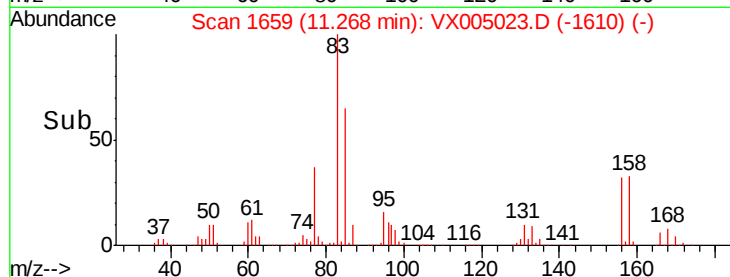
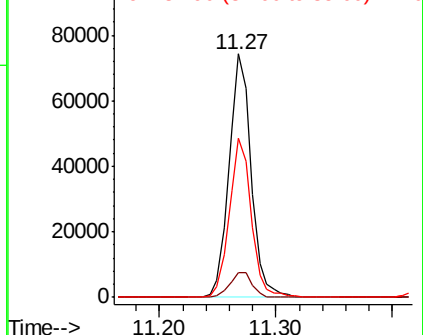
83 100

131 10.5 5.1 15.3

85 65.0 31.9 95.9



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: 24.644 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX005023.D

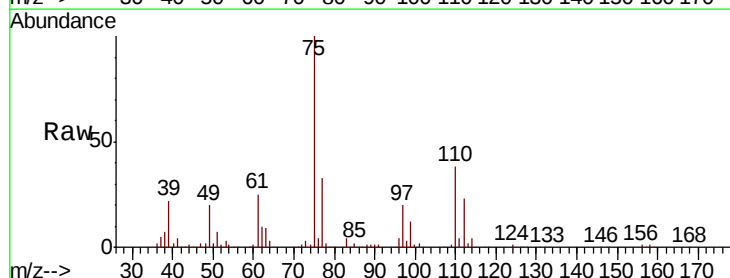
Acq: 04 Oct 2018 17:21

Tgt Ion: 75 Resp: 111480

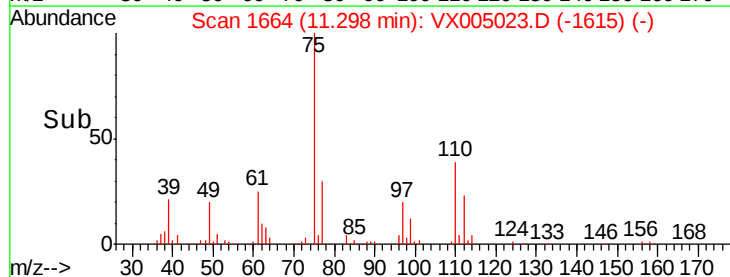
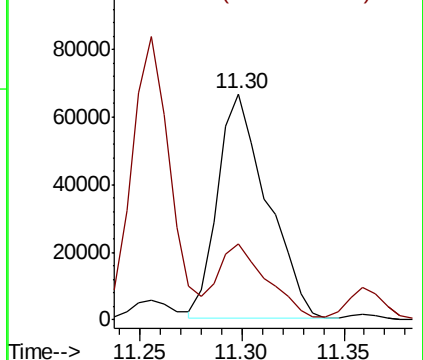
Ion Ratio Lower Upper

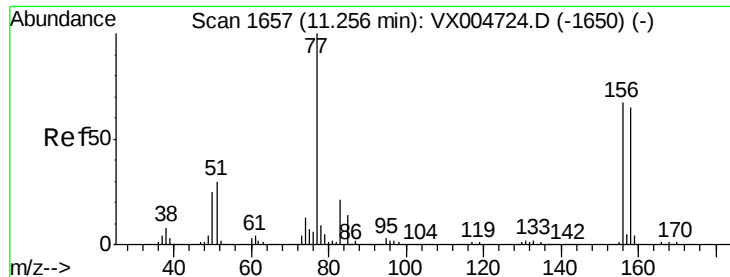
75 100

77 33.3 21.4 64.3



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.364 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005023.D

Acq: 04 Oct 2018 17:21

Instrument :

MSVOA_X

ClientSampleId :

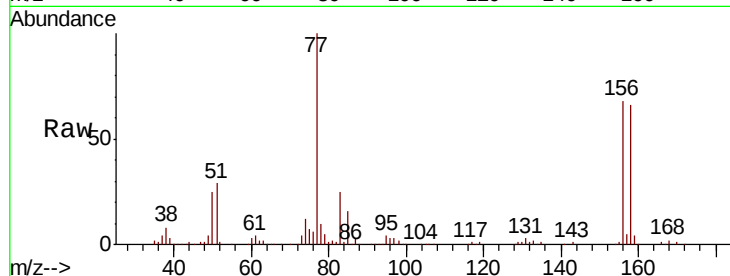
Tot Ion:156 Resp: 75244

Ion Ratio Lower Upper

156 100

77 145.3 73.4 220.2

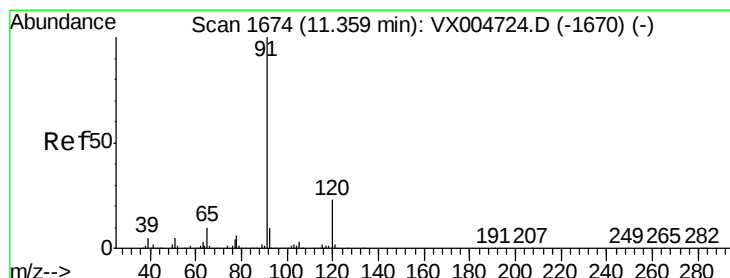
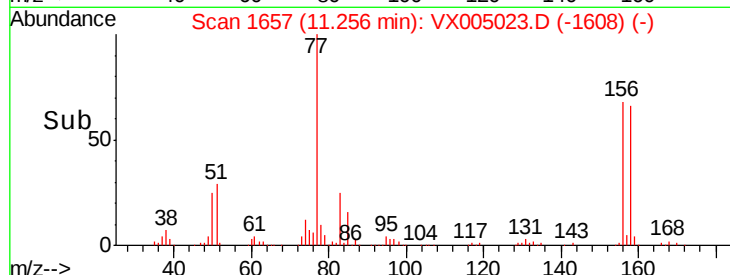
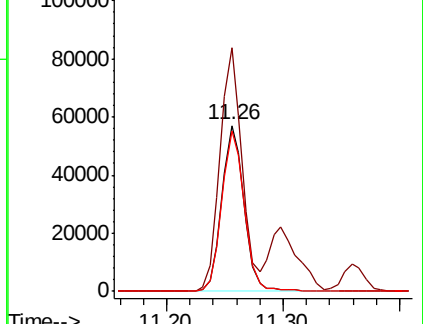
158 97.7 49.1 147.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.057 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005023.D

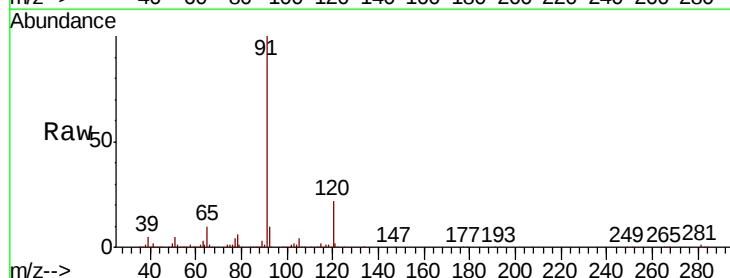
Acq: 04 Oct 2018 17:21

Tgt Ion: 91 Resp: 307352

Ion Ratio Lower Upper

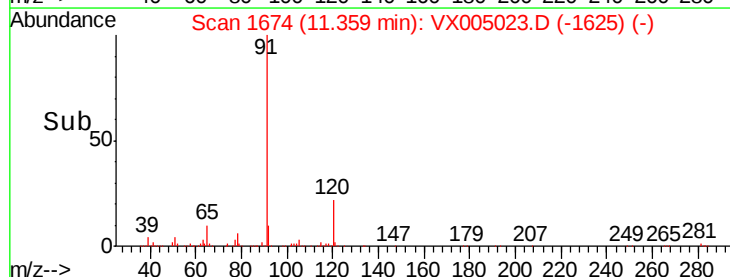
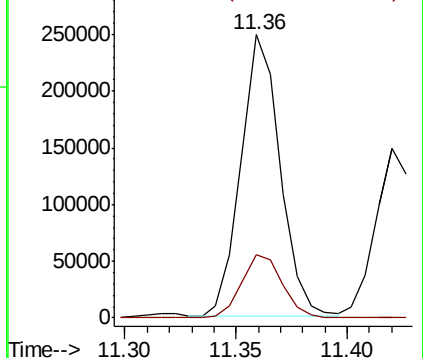
91 100

120 23.6 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.869 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX005023.D

Acq: 04 Oct 2018 17:21

Instrument :

MSVOA_X

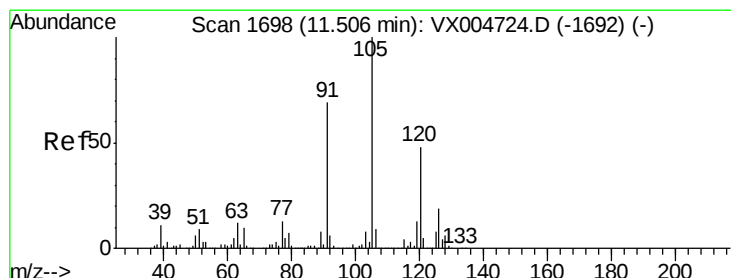
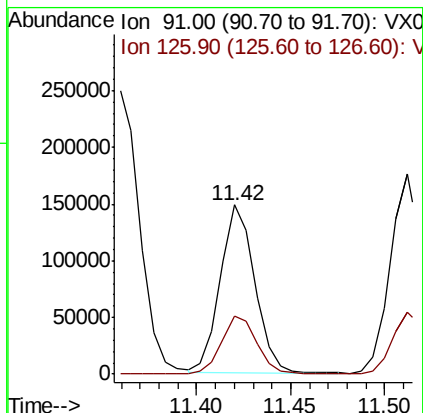
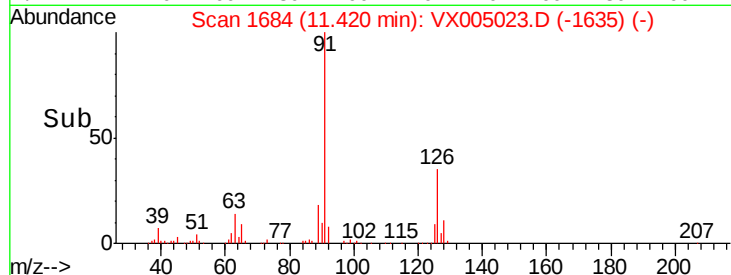
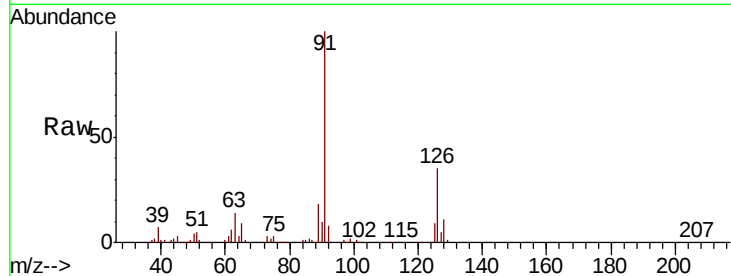
ClientSampleId :

Tot Ion: 91 Resp: 189869

Ion Ratio Lower Upper

91 100

126 35.6 17.6 52.9



#80

1,3,5-Trimethylbenzene

Concen: 19.655 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX005023.D

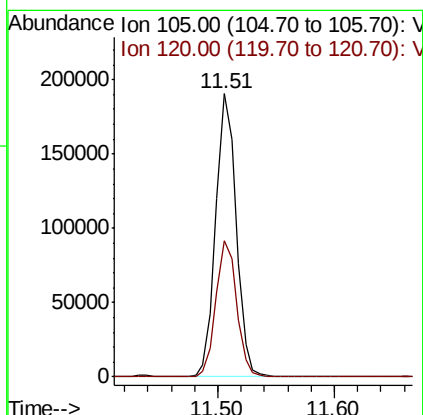
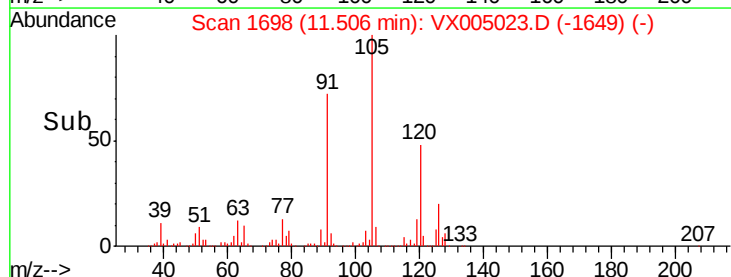
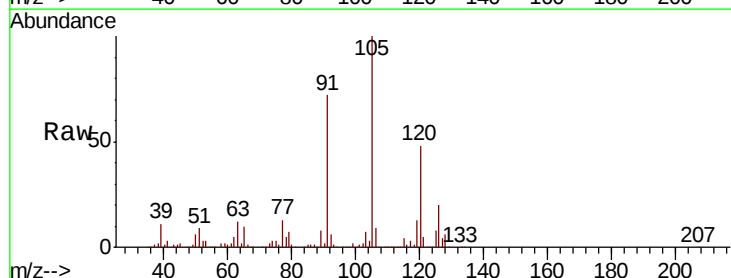
Acq: 04 Oct 2018 17:21

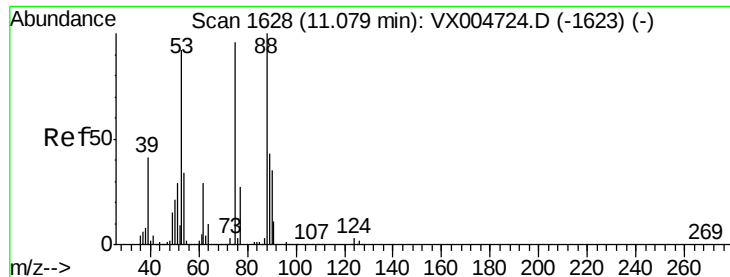
Tgt Ion: 105 Resp: 230561

Ion Ratio Lower Upper

105 100

120 48.6 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 16.970 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.01 min

Lab File: VX005023.D

Acq: 04 Oct 2018 17:21

Instrument :

MSVOA_X

ClientSampleId :

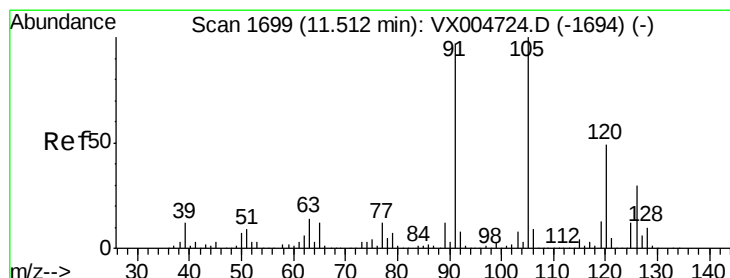
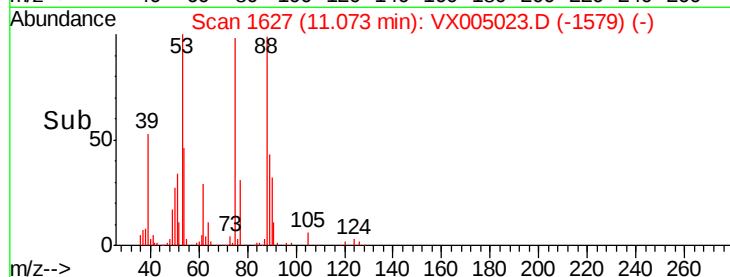
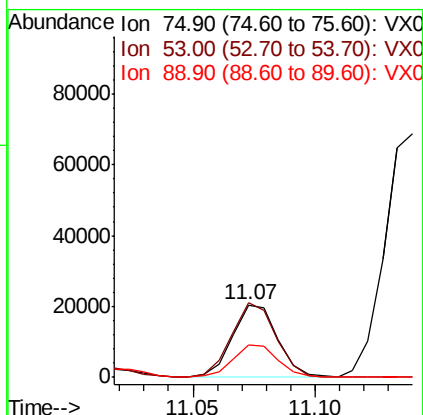
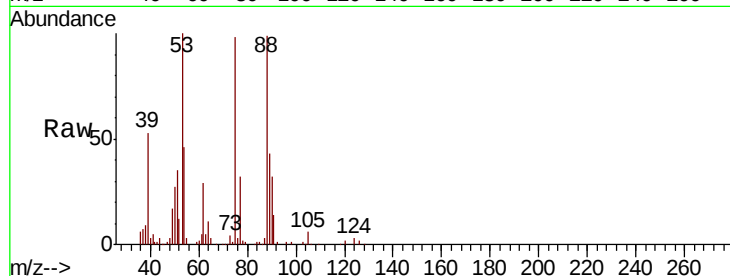
Tot Ion: 75 Resp: 25878

Ion Ratio Lower Upper

75 100

53 101.8 80.2 120.4

89 45.3 37.1 55.7



#82

4-Chlorotoluene

Concen: 20.628 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX005023.D

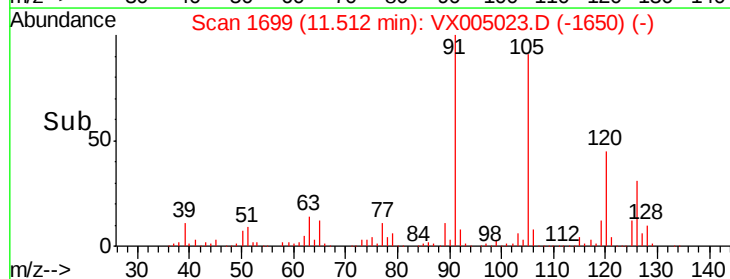
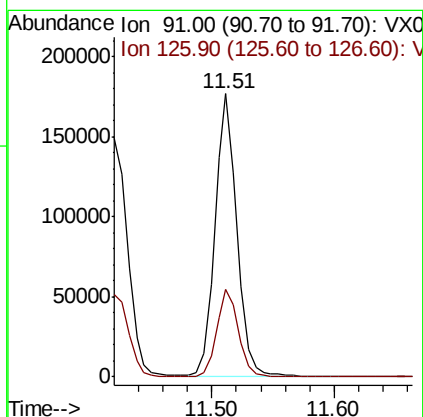
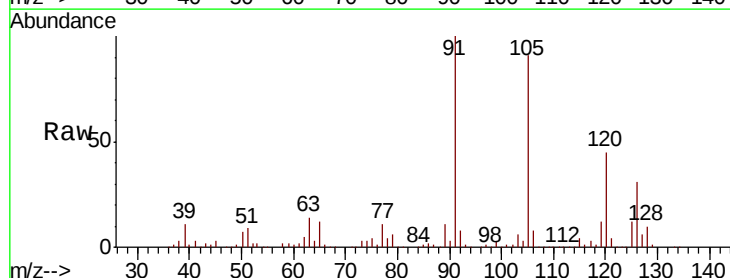
Acq: 04 Oct 2018 17:21

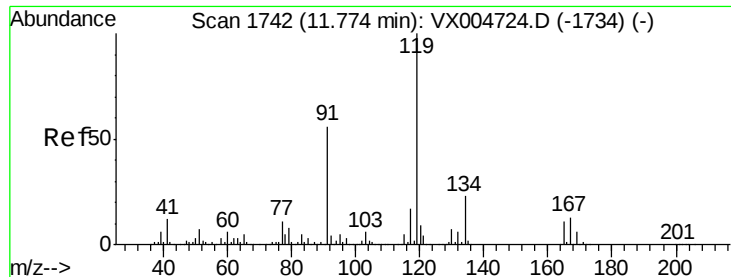
Tgt Ion: 91 Resp: 220900

Ion Ratio Lower Upper

91 100

126 30.8 15.5 46.5

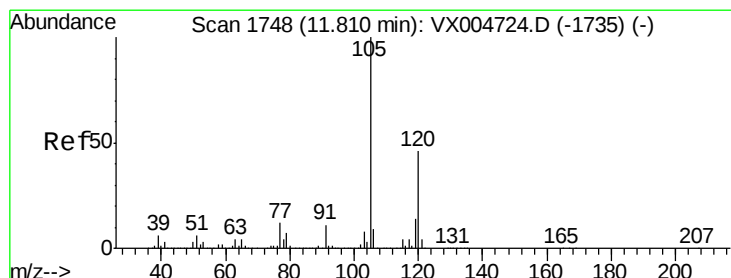
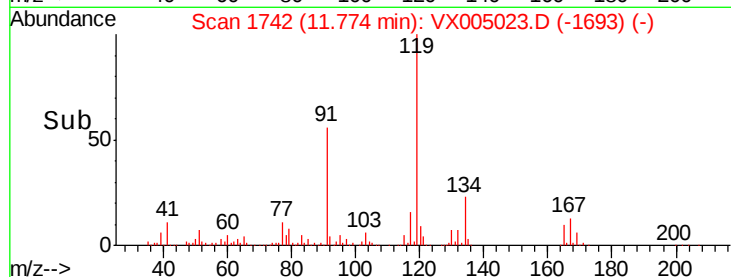
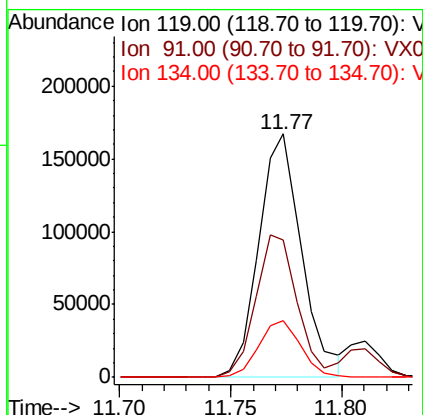
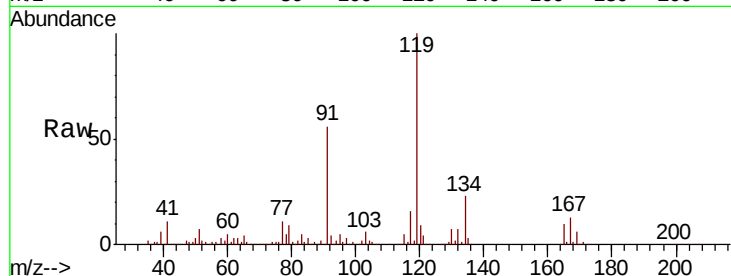




#83
tert-Butylbenzene
Concen: 21.360 ug/l
RT: 11.77 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX005023.D
Acq: 04 Oct 2018 17:21

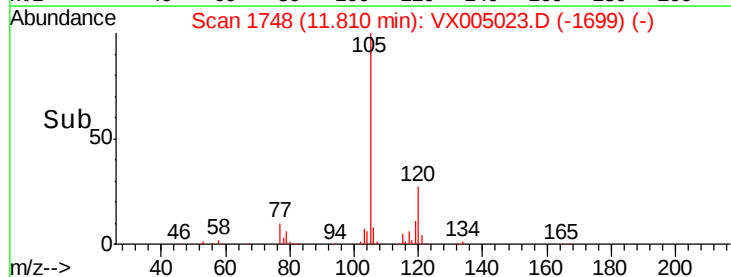
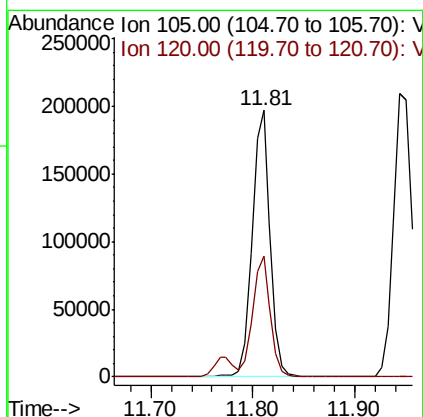
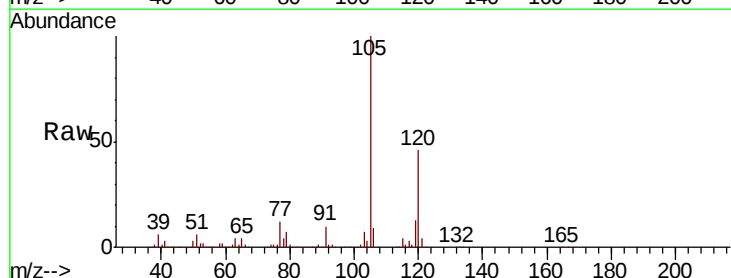
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:119 Resp: 223717
Ion Ratio Lower Upper
119 100
91 56.5 27.5 82.5
134 23.1 11.5 34.4



#84
1,2,4-Trimethylbenzene
Concen: 19.918 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. -0.00 min
Lab File: VX005023.D
Acq: 04 Oct 2018 17:21

Tgt Ion:105 Resp: 240921
Ion Ratio Lower Upper
105 100
120 45.0 22.8 68.3





#85

sec-Butylbenzene

Concen: 20.978 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX005023.D

Acq: 04 Oct 2018 17:21

Instrument :

MSVOA_X

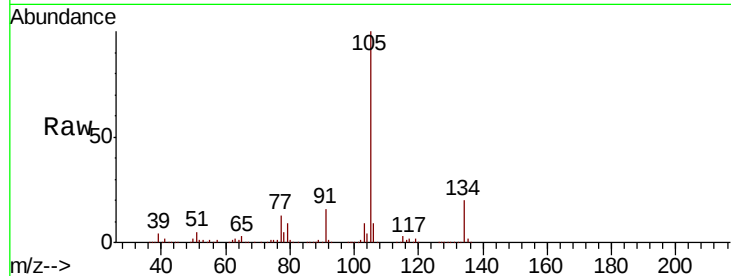
ClientSampleId :

Tot Ion:105 Resp: 267621

Ion Ratio Lower Upper

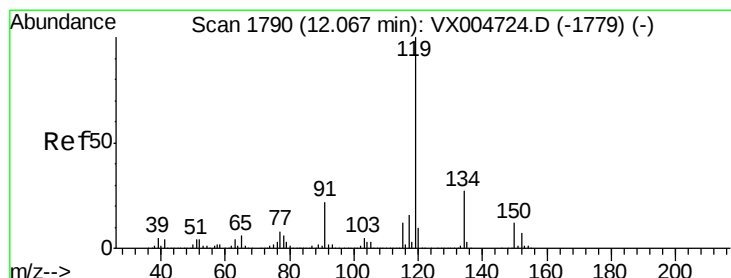
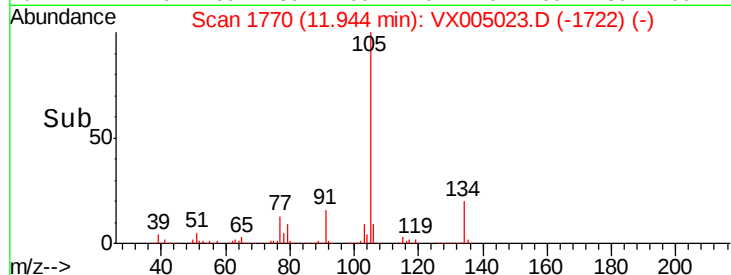
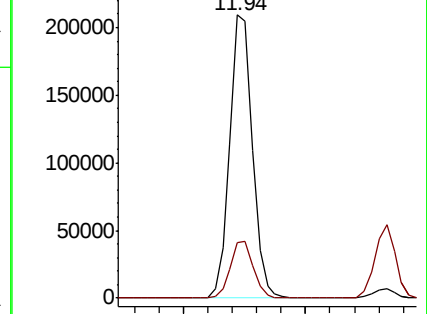
105 100

134 20.3 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.816 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX005023.D

Acq: 04 Oct 2018 17:21

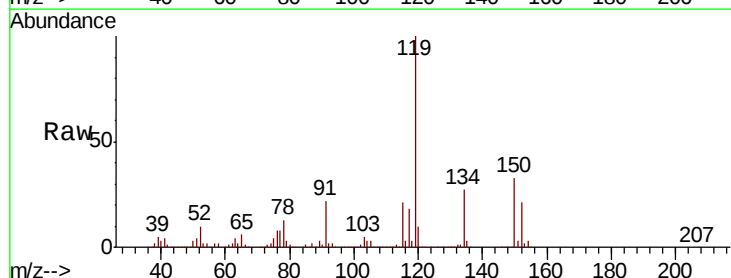
Tgt Ion:119 Resp: 240600

Ion Ratio Lower Upper

119 100

134 26.3 13.4 40.1

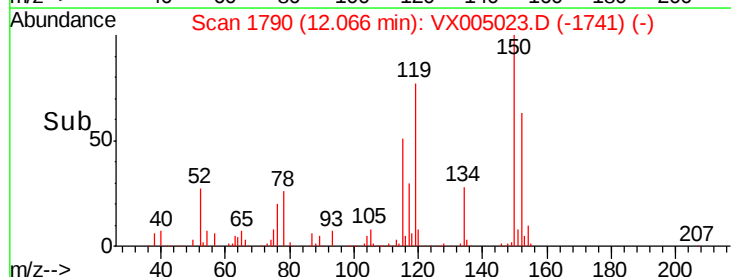
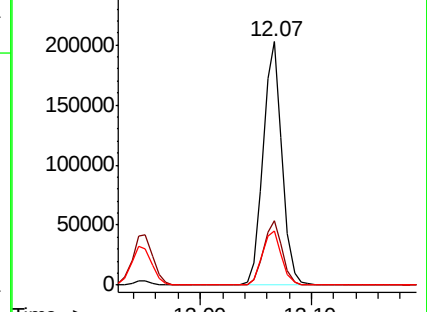
91 22.9 11.5 34.4

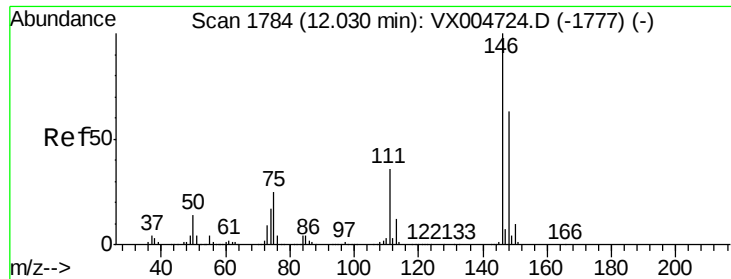


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 19.595 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.01 min

Lab File: VX005023.D

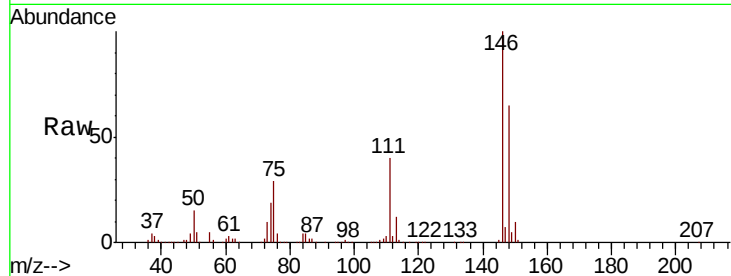
Acq: 04 Oct 2018 17:21

Instrument :

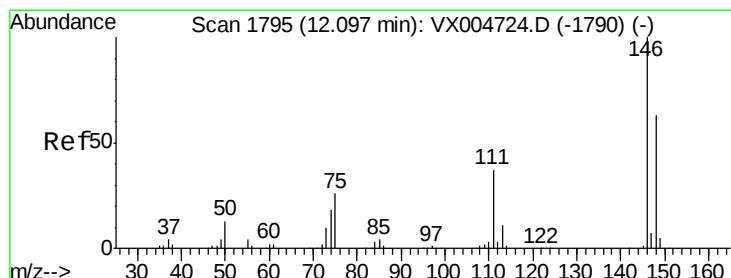
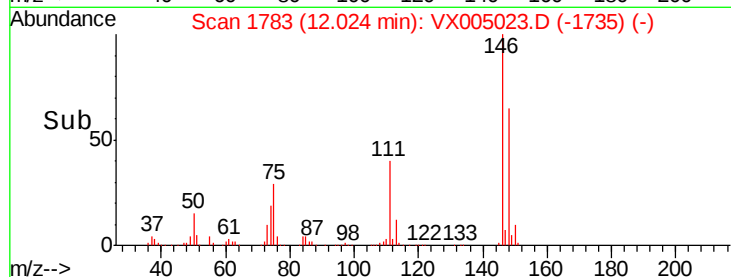
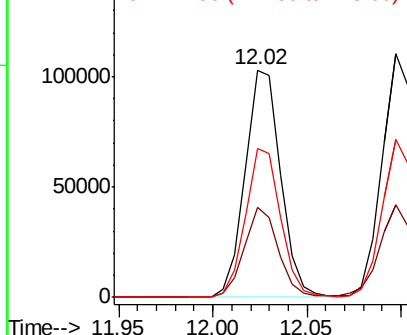
MSVOA_X

ClientSampled :

Tot Ion:146	Resp:	135197
Ion	Ratio	Lower Upper
146	100	
111	38.2	18.9 56.9
148	64.7	31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V
150000
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 19.442 ug/l

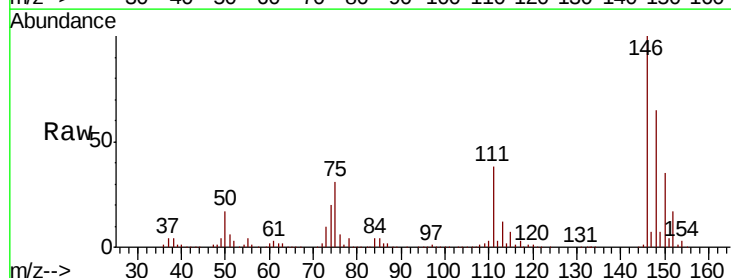
RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

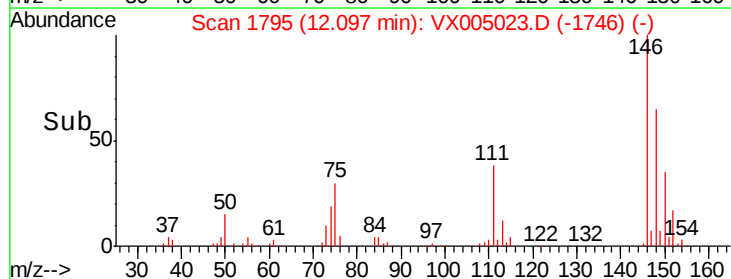
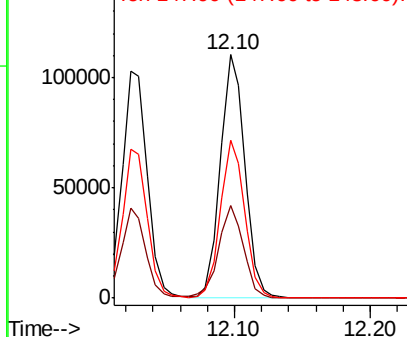
Lab File: VX005023.D

Acq: 04 Oct 2018 17:21

Tgt Ion:146	Resp:	138474
Ion	Ratio	Lower Upper
146	100	
111	38.6	18.4 55.2
148	64.2	32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V
150000
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

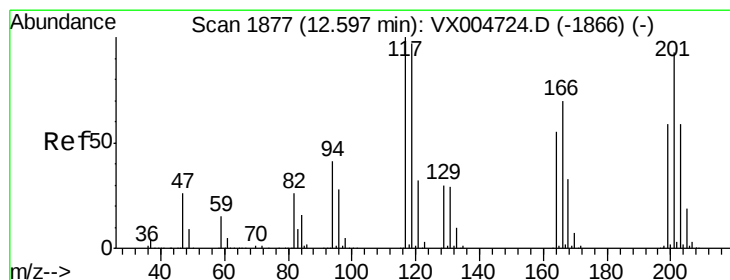
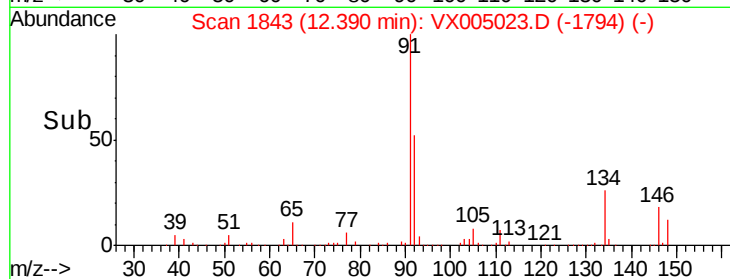
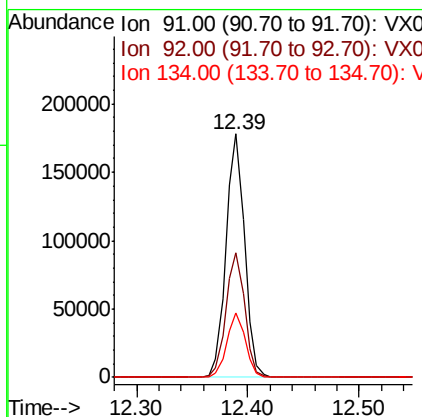
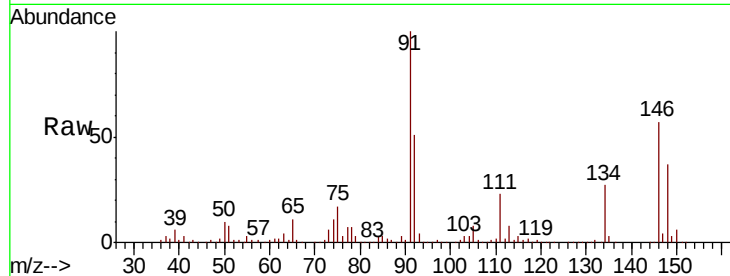




#89
n-Butylbenzene
Concen: 19.563 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005023.D
Acq: 04 Oct 2018 17:21

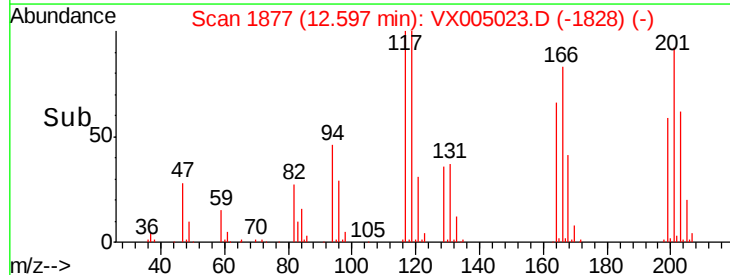
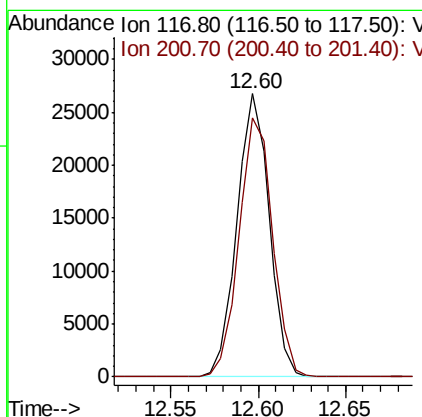
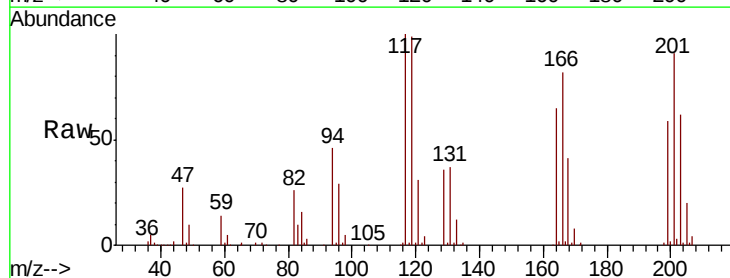
Instrument :
MSVOA_X
ClientSampled :

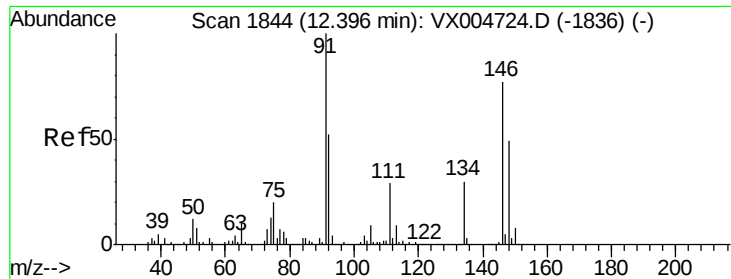
Tot Ion: 91 Resp: 205354
Ion Ratio Lower Upper
91 100
92 51.8 26.0 78.0
134 26.3 13.2 39.6



#90
Hexachloroethane
Concen: 17.840 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005023.D
Acq: 04 Oct 2018 17:21

Tgt Ion: 117 Resp: 34332
Ion Ratio Lower Upper
117 100
201 94.9 48.4 145.0

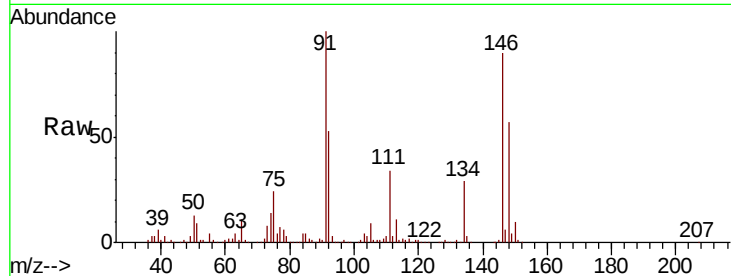




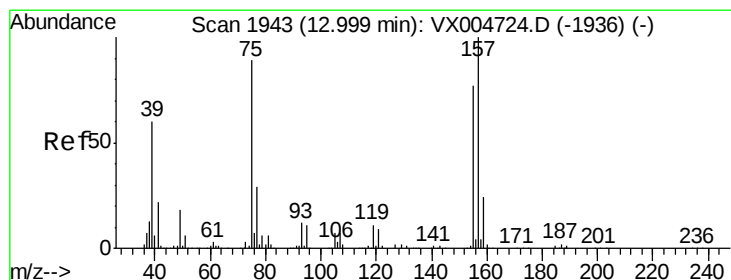
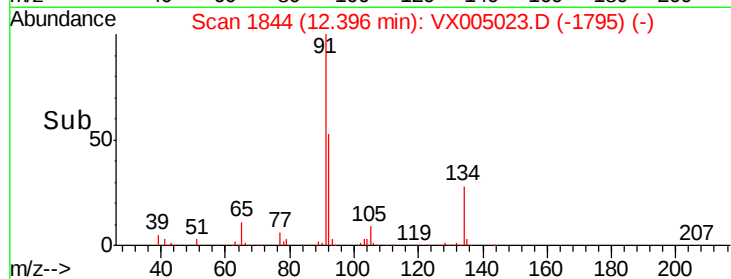
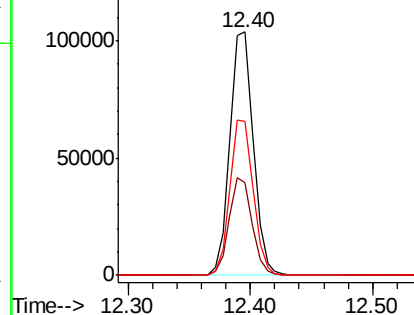
#91
 1,2-Dichlorobenzene
 Concen: 19.004 ug/l
 RT: 12.40 min Scan# 1844
 Delta R.T. -0.00 min
 Lab File: VX005023.D
 Acq: 04 Oct 2018 17:21

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:146 Resp: 137022
 Ion Ratio Lower Upper
 146 100
 111 39.4 19.6 58.7
 148 63.4 31.8 95.4

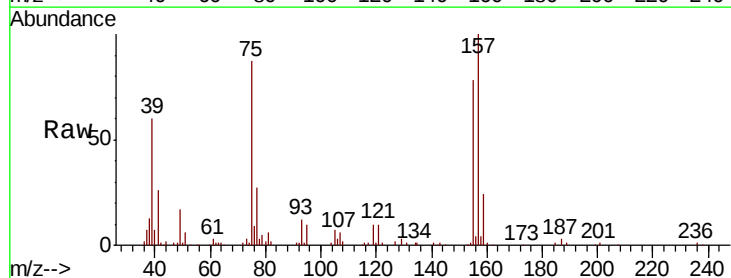


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

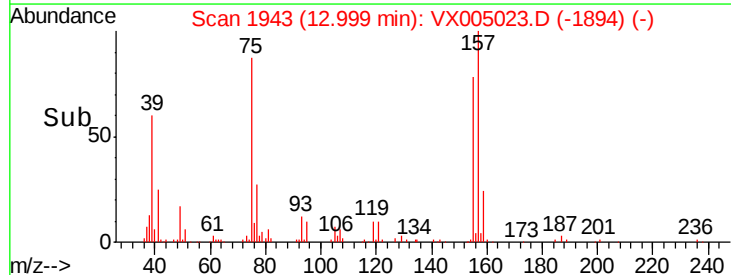
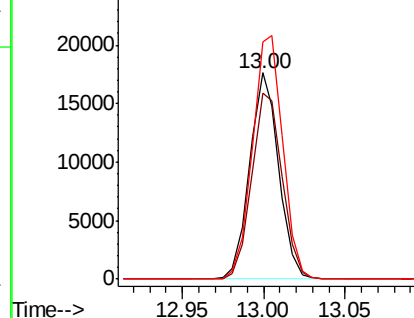


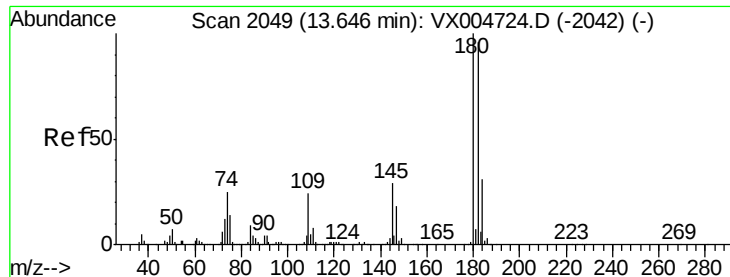
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.263 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX005023.D
 Acq: 04 Oct 2018 17:21

Tgt Ion: 75 Resp: 21902
 Ion Ratio Lower Upper
 75 100
 155 94.4 46.1 138.3
 157 123.1 60.2 180.6



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

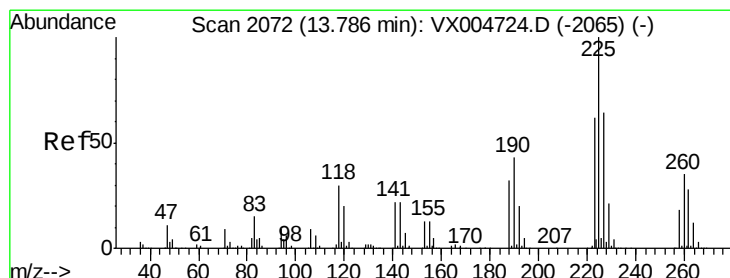
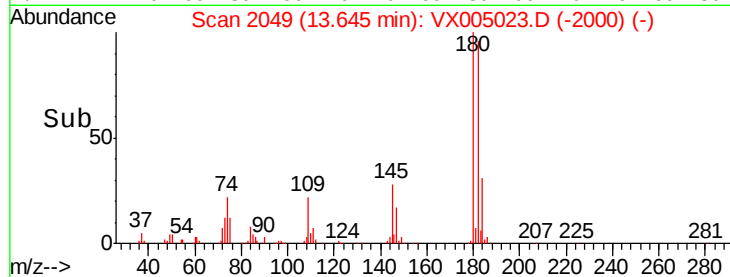
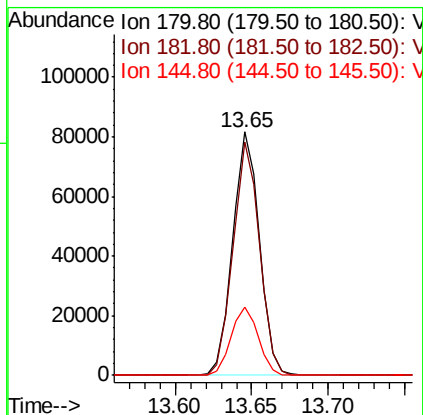
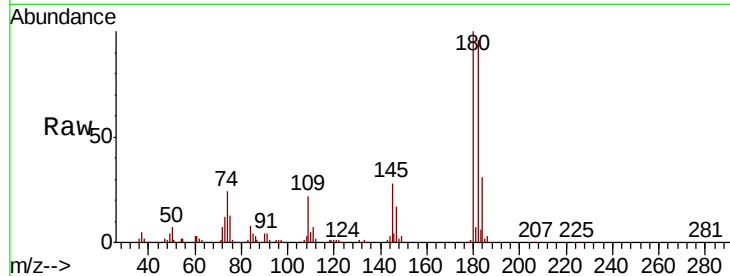




#93
 1,2,4-Trichlorobenzene
 Concen: 19.453 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005023.D
 Acq: 04 Oct 2018 17:21

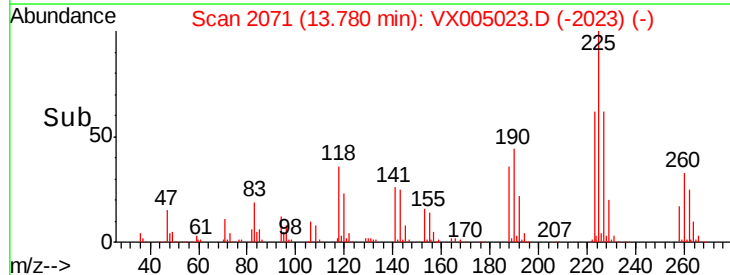
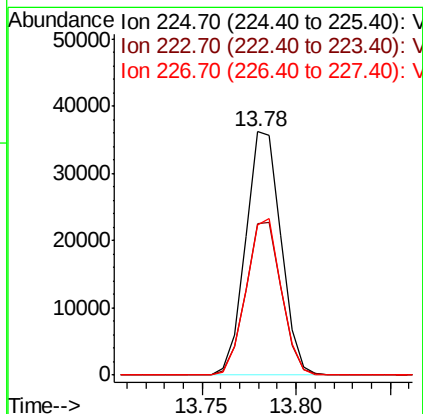
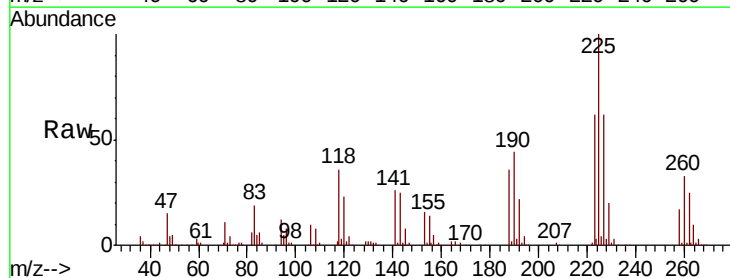
Instrument :
 MSVOA_X
 ClientSampleId :

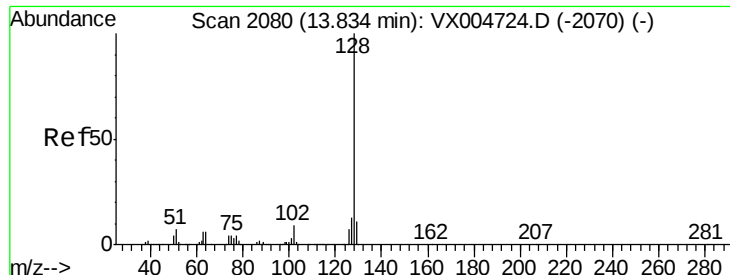
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.8	143.4
145	28.6	14.1	42.4



#94
 Hexachlorobutadiene
 Concen: 17.905 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VX005023.D
 Acq: 04 Oct 2018 17:21

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	31.3	93.8
227	63.8	31.9	95.5

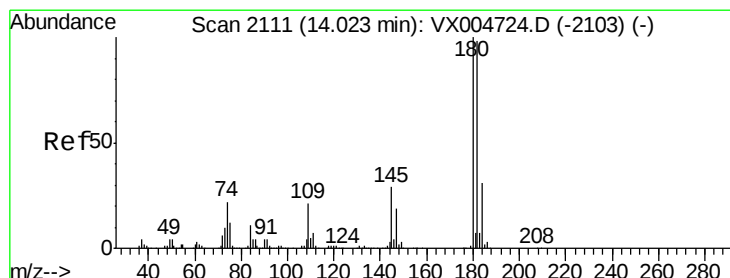
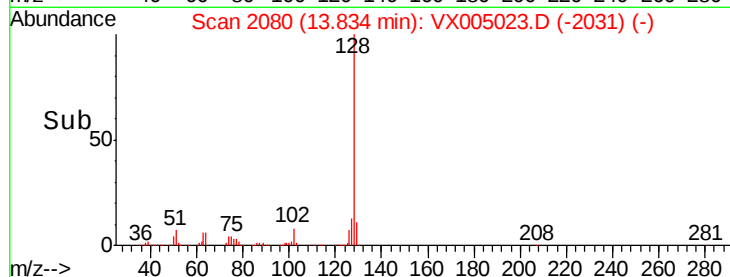
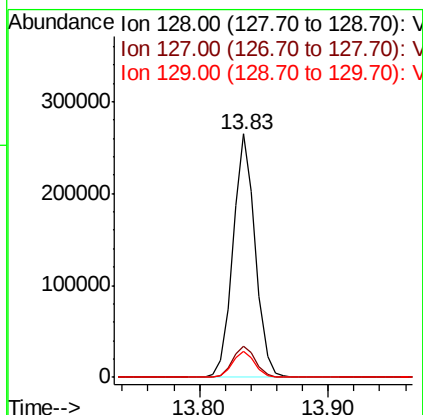
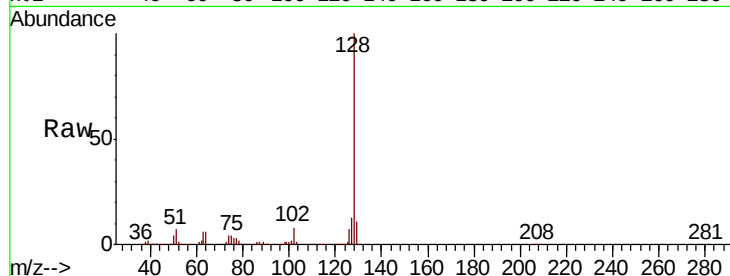




#95
Naphthalene
Concen: 19.374 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX005023.D
Acq: 04 Oct 2018 17:21

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 317732
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.349 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. -0.00 min
Lab File: VX005023.D
Acq: 04 Oct 2018 17:21

Tgt Ion:180 Resp: 101094
Ion Ratio Lower Upper
180 100
182 95.9 47.9 143.8
145 29.7 15.0 45.0

