

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101218\
 Data File : VX005300.D
 Acq On : 12 Oct 2018 18:18
 Operator : JC/MD
 Sample : VX1012WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 13 02:36:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	271604	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	400317	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	348789	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	194687	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	150403	49.89	ug/l	0.00
Spiked Amount			Recovery	=	99.78%	
35) Dibromofluoromethane	5.50	113	119877	45.21	ug/l	0.00
Spiked Amount			Recovery	=	90.42%	
50) Toluene-d8	8.71	98	440841	48.43	ug/l	0.00
Spiked Amount			Recovery	=	96.86%	
62) 4-Bromofluorobenzene	11.14	95	159599	46.67	ug/l	0.00
Spiked Amount			Recovery	=	93.34%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	42371	19.952	ug/l	98
3) Chloromethane	1.32	50	64167	20.853	ug/l	99
4) Vinyl Chloride	1.40	62	61995	19.889	ug/l	89
5) Bromomethane	1.64	94	33112	19.173	ug/l	99
6) Chloroethane	1.71	64	37057	19.146	ug/l	89
7) Trichlorofluoromethane	1.92	101	85807	20.628	ug/l	90
8) Diethyl Ether	2.19	74	34079	19.185	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.38	101	46426	19.337	ug/l	96
10) Methyl Iodide	2.51	142	48526	20.004	ug/l	98
11) Tert butyl alcohol	3.08	59	95346	112.131	ug/l	100
12) 1,1-Dichloroethene	2.37	96	46751	19.653	ug/l	97
13) Acrolein	2.29	56	52270	94.991	ug/l	98
14) Allyl chloride	2.73	41	101851	19.502	ug/l	96
15) Acrylonitrile	3.15	53	188289	97.717	ug/l	97
16) Acetone	2.45	43	178874	102.631	ug/l #	87
17) Carbon Disulfide	2.56	76	146397	20.316	ug/l #	93
18) Methyl Acetate	2.78	43	101245	20.419	ug/l	91
19) Methyl tert-butyl Ether	3.21	73	171934	20.522	ug/l	95
20) Methylene Chloride	2.86	84	55454	21.079	ug/l	86
21) trans-1,2-Dichloroethene	3.16	96	51305	19.462	ug/l #	79
22) Diisopropyl ether	3.87	45	165820	18.903	ug/l	94
23) Vinyl Acetate	3.83	43	776972	101.337	ug/l #	92
24) 1,1-Dichloroethane	3.68	63	97865	19.466	ug/l	94
25) 2-Butanone	4.71	43	247982	97.246	ug/l	93
26) 2,2-Dichloropropane	4.58	77	62742	16.687	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	53927	18.823	ug/l	94
28) Bromochloromethane	5.02	49	44385	19.366	ug/l	89
29) Tetrahydrofuran	5.16	42	175459	107.868	ug/l	89
30) Chloroform	5.22	83	89667	19.215	ug/l	98
31) Cyclohexane	5.57	56	80327	19.386	ug/l	84
32) 1,1,1-Trichloroethane	5.50	97	81434	20.056	ug/l	99
36) 1,1-Dichloropropene	5.79	75	66884	17.251	ug/l	99
37) Ethyl Acetate	4.85	43	94793	19.012	ug/l	96
38) Carbon Tetrachloride	5.78	117	69801	17.918	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101218\
 Data File : VX005300.D
 Acq On : 12 Oct 2018 18:18
 Operator : JC/MD
 Sample : VX1012WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 13 02:36:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	69569	16.580	ug/l	94
40) Benzene	6.14	78	206562	17.761	ug/l	99
41) Methacrylonitrile	5.06	41	50013	18.710	ug/l	96
42) 1,2-Dichloroethane	6.20	62	77572	18.889	ug/l	95
43) Isopropyl Acetate	6.46	43	128405	19.333	ug/l	96
44) Trichloroethene	7.22	130	61027	20.179	ug/l	83
45) 1,2-Dichloropropane	7.51	63	53776	18.850	ug/l	93
46) Dibromomethane	7.66	93	33793	17.947	ug/l	100
47) Bromodichloromethane	7.90	83	63267	18.165	ug/l	96
48) Methyl methacrylate	7.78	41	63273	18.368	ug/l	96
49) 1,4-Dioxane	7.76	88	30297	381.320	ug/l	90
51) 4-Methyl-2-Pentanone	8.65	43	444836	96.727	ug/l	93
52) Toluene	8.79	92	122439	19.243	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	67544	17.920	ug/l	97
54) cis-1,3-Dichloropropene	8.44	75	74850	18.327	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	50538	18.752	ug/l	97
56) Ethyl methacrylate	9.18	69	73189	18.629	ug/l	95
57) 1,3-Dichloropropane	9.37	76	82743	18.395	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	211268	95.885	ug/l	95
59) 2-Hexanone	9.50	43	352128	95.186	ug/l	93
60) Dibromochloromethane	9.59	129	50775	18.227	ug/l	99
61) 1,2-Dibromoethane	9.67	107	53009	18.742	ug/l	100
64) Tetrachloroethene	9.34	164	54641	19.459	ug/l	98
65) Chlorobenzene	10.14	112	138715	18.697	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.22	131	49638	18.775	ug/l	99
67) Ethyl Benzene	10.26	91	228429	18.939	ug/l	98
68) m/p-Xylenes	10.36	106	179110	38.260	ug/l	93
69) o-Xylene	10.70	106	85501	18.938	ug/l	97
70) Styrene	10.71	104	144477	19.455	ug/l	97
71) Bromoform	10.86	173	41602	17.608	ug/l #	98
73) Isopropylbenzene	11.02	105	233926	20.212	ug/l	99
74) N-amyl acetate	10.90	43	106592	19.095	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.27	83	83353	19.092	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	93827	24.846	ug/l	88
77) Bromobenzene	11.26	156	64973	19.634	ug/l	99
78) n-propylbenzene	11.36	91	268489	20.160	ug/l	99
79) 2-Chlorotoluene	11.42	91	161205	19.764	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	201015	20.282	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	21700	17.460	ug/l	98
82) 4-Chlorotoluene	11.51	91	191550	19.811	ug/l	100
83) tert-Butylbenzene	11.77	119	195030	19.432	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	206025	20.200	ug/l	98
85) sec-Butylbenzene	11.94	105	238158	20.052	ug/l	99
86) p-Isopropyltoluene	12.07	119	213378	19.877	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	117856	19.059	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	121360	19.185	ug/l	98
89) n-Butylbenzene	12.39	91	182855	18.760	ug/l	97
90) Hexachloroethane	12.60	117	32704	17.677	ug/l	92
91) 1,2-Dichlorobenzene	12.39	146	121509	19.256	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	20166	18.936	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101218\
Data File : VX005300.D
Acq On : 12 Oct 2018 18:18
Operator : JC/MD
Sample : VX1012WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Oct 13 02:36:40 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 12 11:28:43 2018
Response via : Initial Calibration

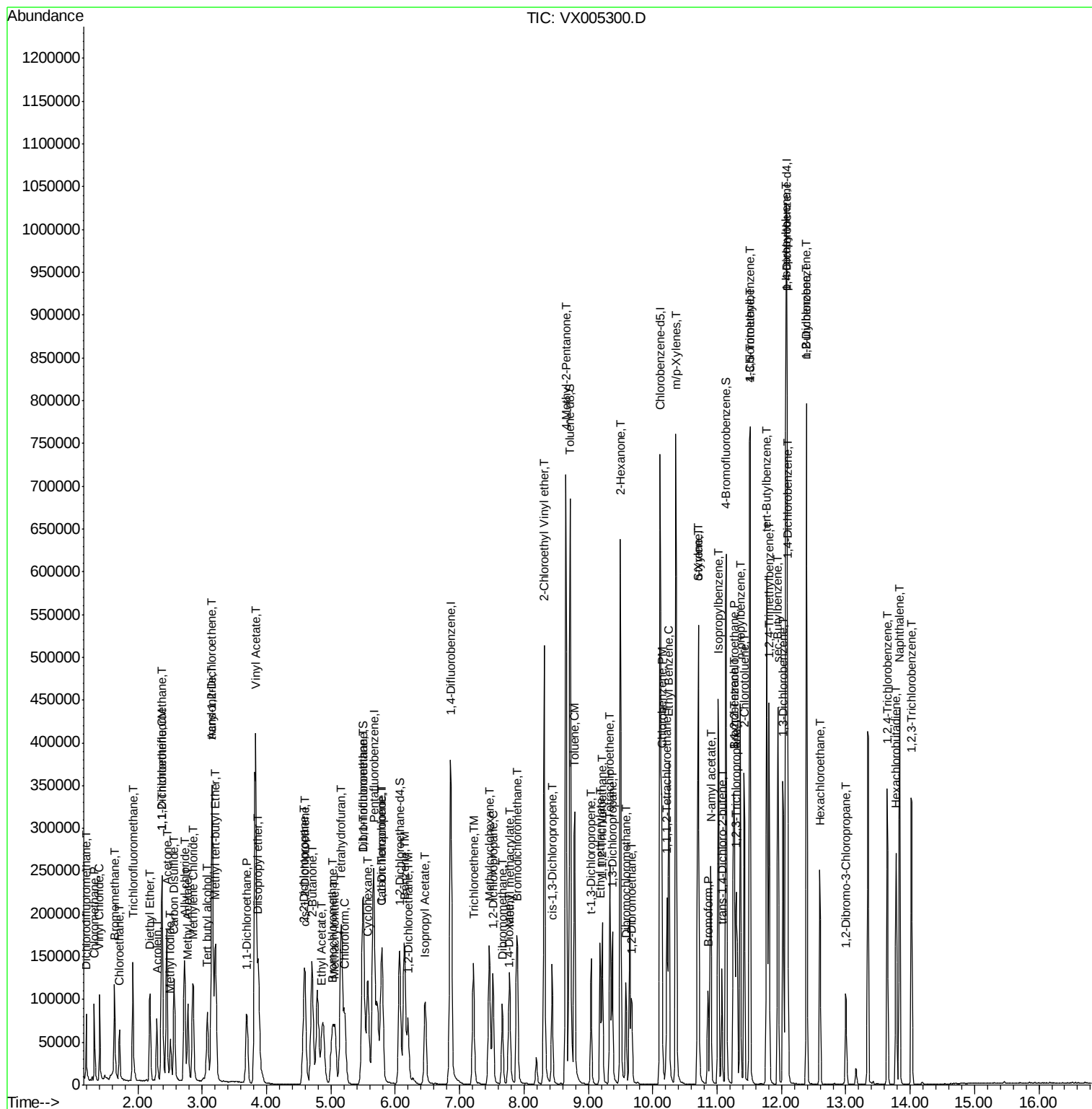
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	89157	19.258	ug/l	98
94) Hexachlorobutadiene	13.79	225	45992	18.810	ug/l	97
95) Naphthalene	13.83	128	269801	20.095	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	92629	19.554	ug/l	98

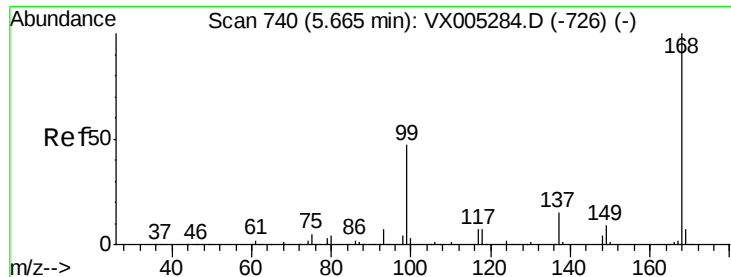
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX101218\
Data File : VX005300.D
Acq On : 12 Oct 2018 18:18
Operator : JC/MD
Sample : VX1012WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Oct 13 02:36:40 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 12 11:28:43 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 741

Delta R.T. 0.01 min

Lab File: VX005300.D

Acq: 12 Oct 2018 18:18

Instrument :

MSVOA_X

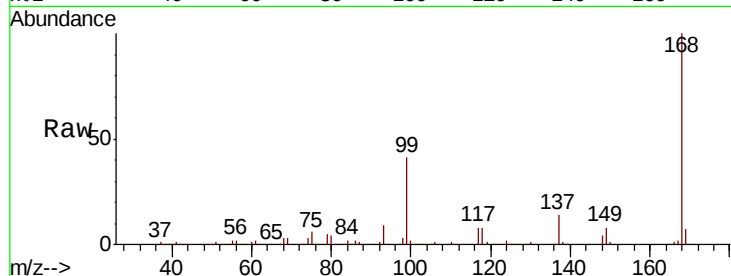
ClientSampleId :

Tot Ion:168 Resp: 271604

Ion Ratio Lower Upper

168 100

99 40.8 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

60000

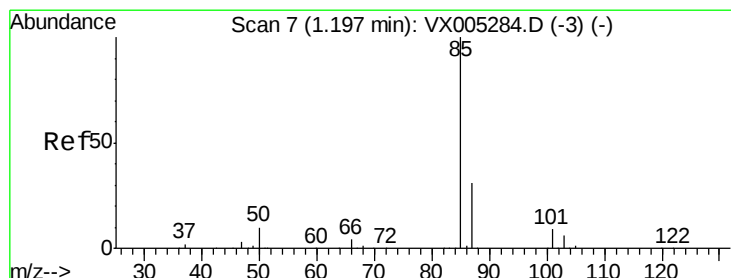
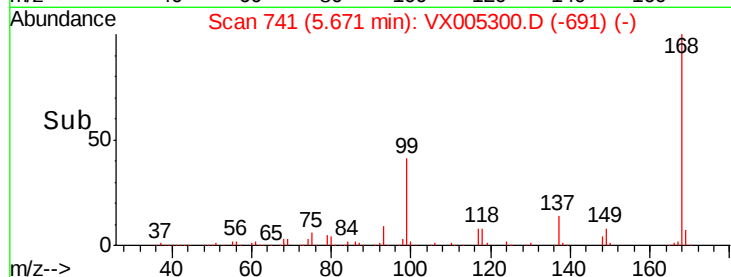
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#2

Dichlorodifluoromethane

Concen: 19.952 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005300.D

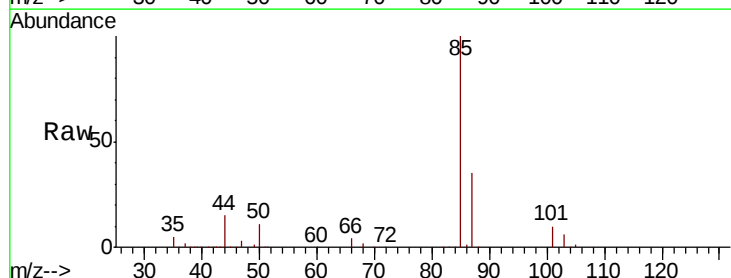
Acq: 12 Oct 2018 18:18

Tgt Ion: 85 Resp: 42371

Ion Ratio Lower Upper

85 100

87 35.1 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

40000

30000

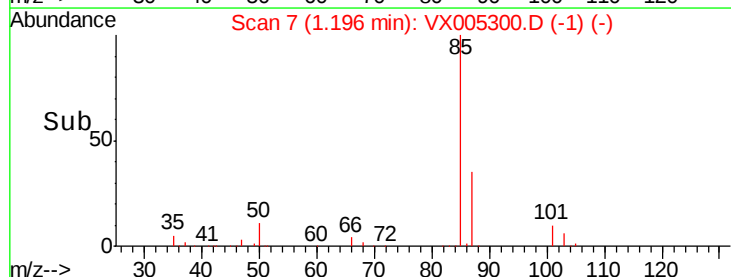
20000

10000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 20.853 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005300.D

Acq: 12 Oct 2018 18:18

Instrument :

MSVOA_X

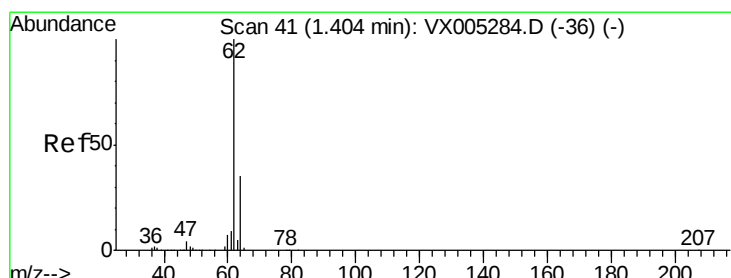
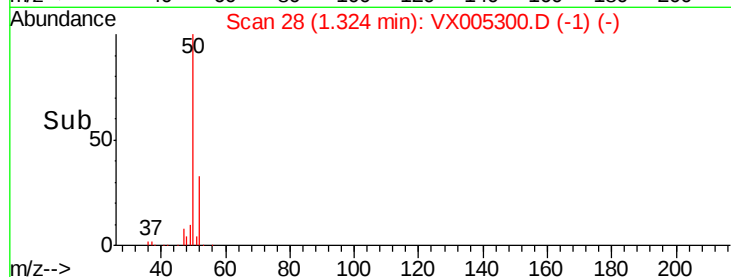
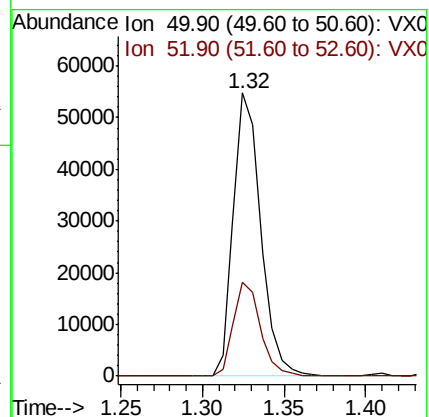
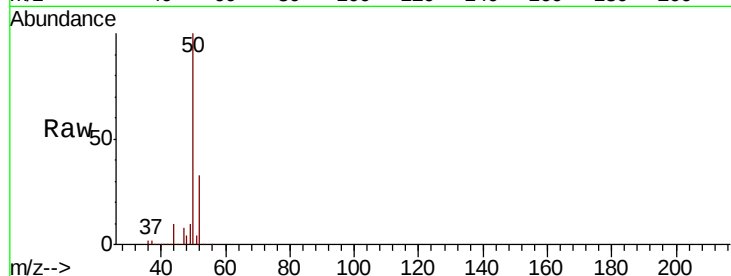
ClientSampleId :

Tot Ion: 50 Resp: 64167

Ion Ratio Lower Upper

50 100

52 33.0 26.2 39.2



#4

Vinyl Chloride

Concen: 19.889 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX005300.D

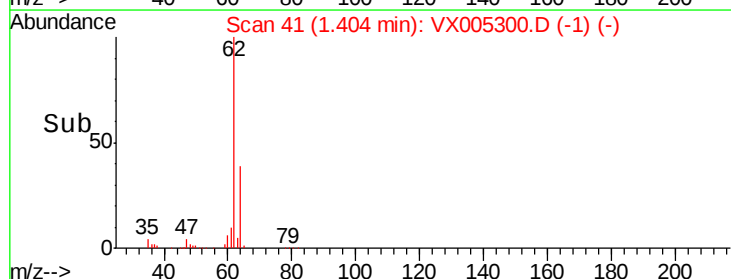
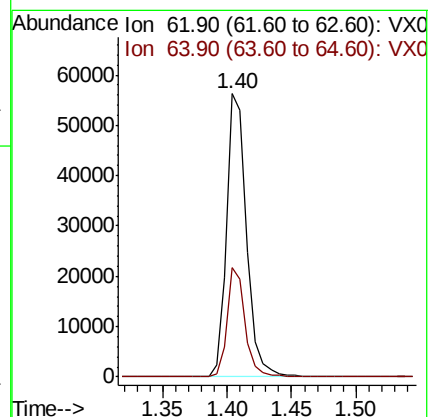
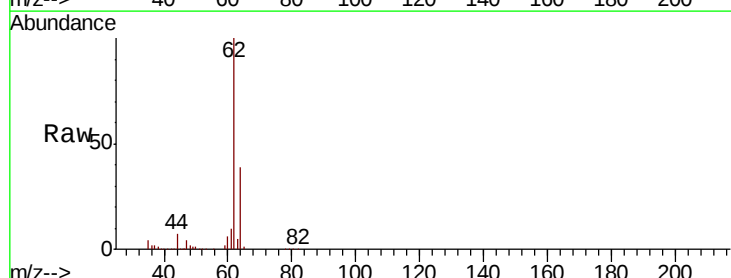
Acq: 12 Oct 2018 18:18

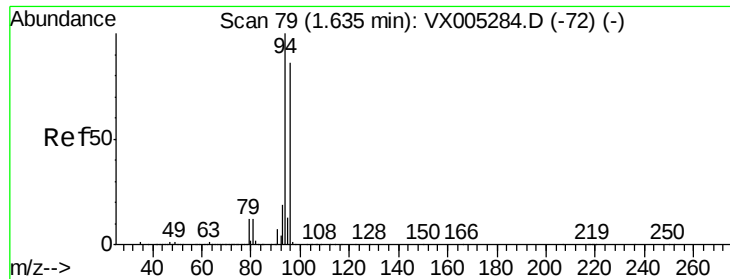
Tgt Ion: 62 Resp: 61995

Ion Ratio Lower Upper

62 100

64 38.6 25.8 38.8





#5

Bromomethane

Concen: 19.173 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX005300.D

Acq: 12 Oct 2018 18:18

Instrument :

MSVOA_X

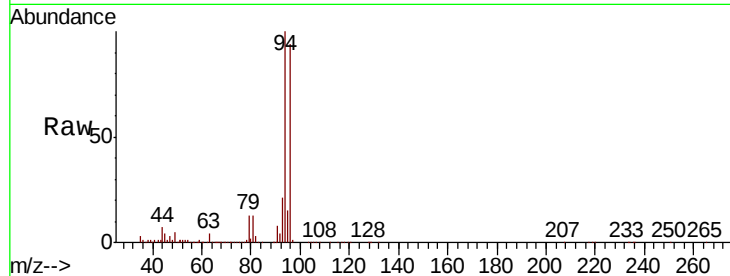
ClientSampleId :

Tot Ion: 94 Resp: 33112

Ion Ratio Lower Upper

94 100

96 94.1 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

40000

30000

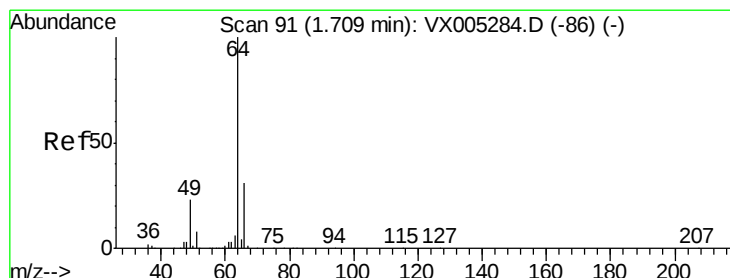
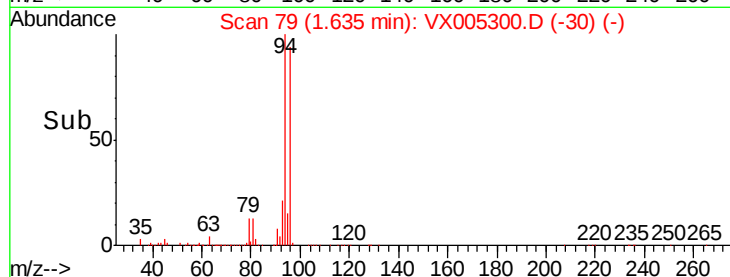
20000

10000

0

Time-->

1.60 1.65 1.70



#6

Chloroethane

Concen: 19.146 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.01 min

Lab File: VX005300.D

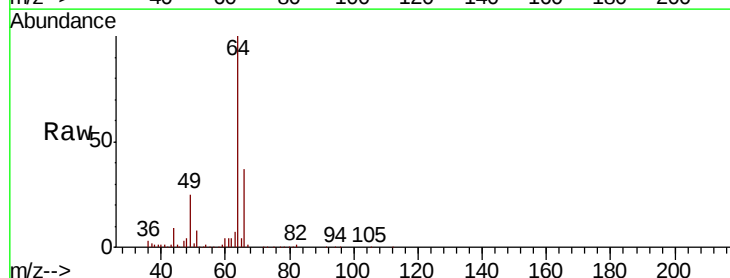
Acq: 12 Oct 2018 18:18

Tgt Ion: 64 Resp: 37057

Ion Ratio Lower Upper

64 100

66 36.8 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

30000

25000

20000

15000

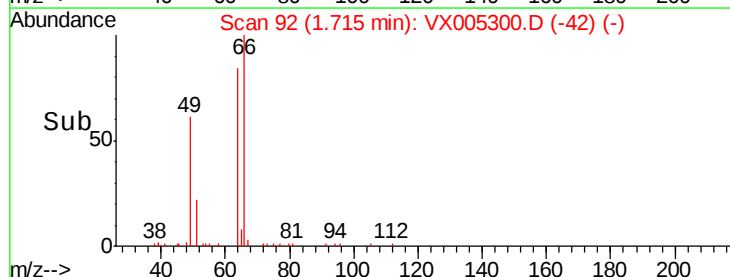
10000

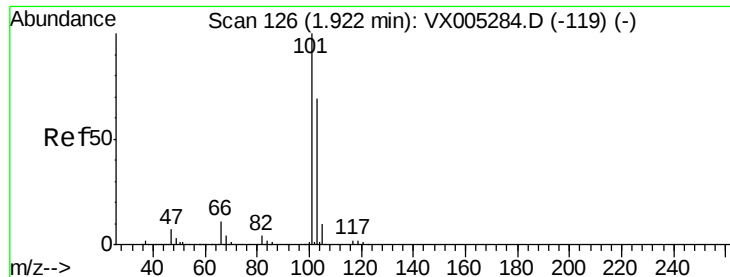
5000

0

Time-->

1.65 1.70 1.75 1.80



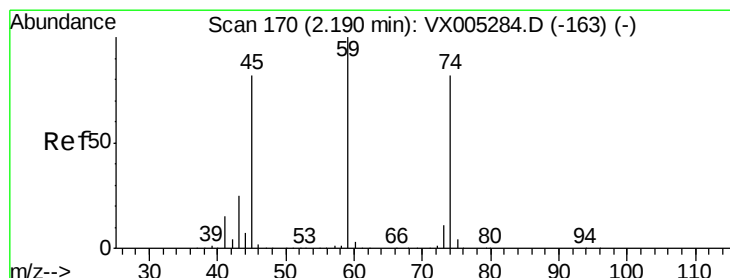
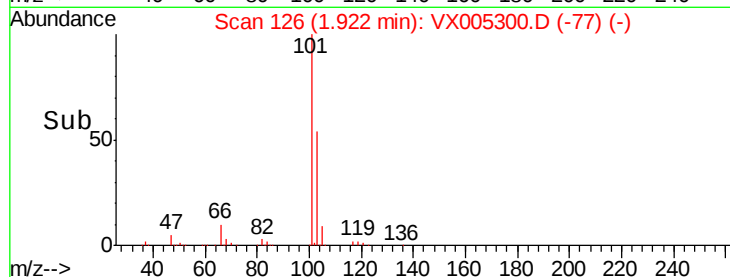
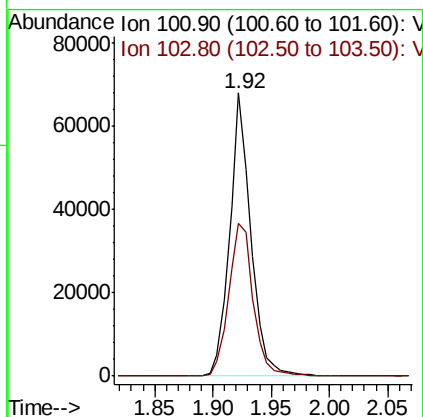
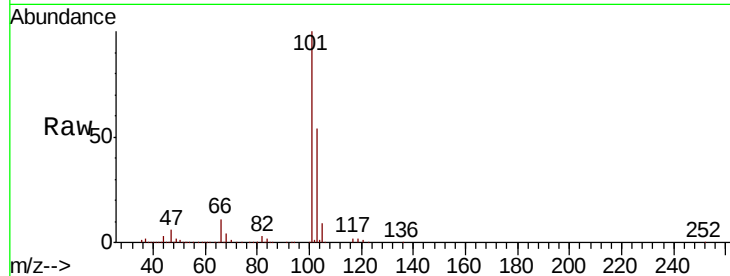


#7

Trichlorofluoromethane
Concen: 20.628 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.00 min
Lab File: VX005300.D
Acq: 12 Oct 2018 18:18

Instrument :
MSVOA_X
ClientSampleId :

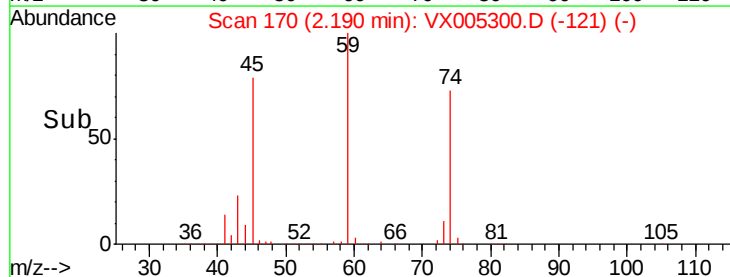
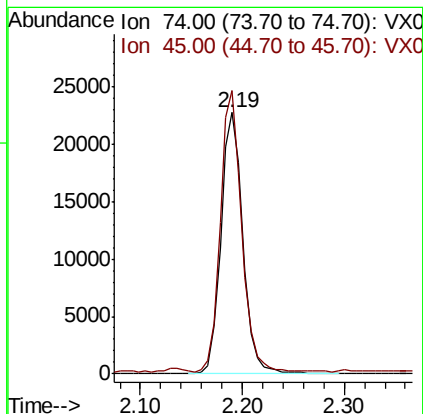
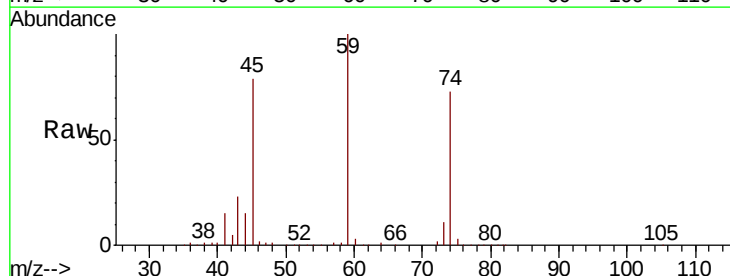
Tot Ion:101 Resp: 85807
Ion Ratio Lower Upper
101 100
103 53.8 48.9 73.3

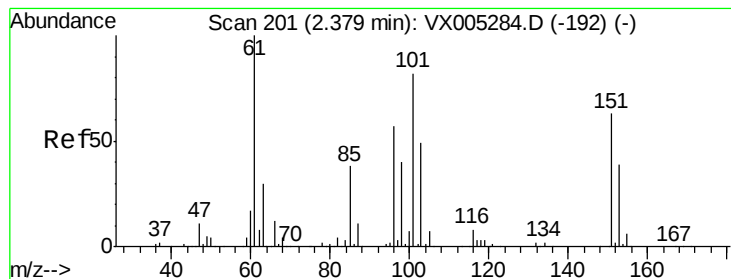


#8

Diethyl Ether
Concen: 19.185 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX005300.D
Acq: 12 Oct 2018 18:18

Tgt Ion: 74 Resp: 34079
Ion Ratio Lower Upper
74 100
45 104.3 48.3 144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.337 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX005300.D

Acq: 12 Oct 2018 18:18

Instrument :

MSVOA_X

ClientSampleId :

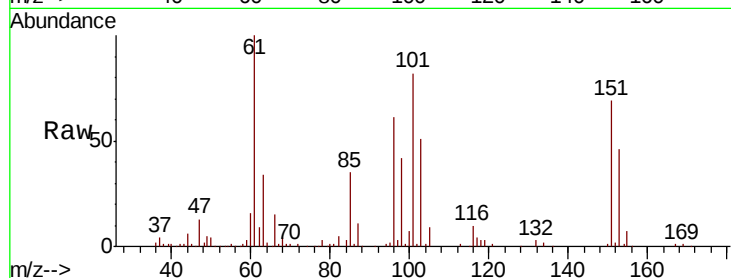
Tot Ion:101 Resp: 46426

Ion Ratio Lower Upper

101 100

85 44.7 34.2 51.4

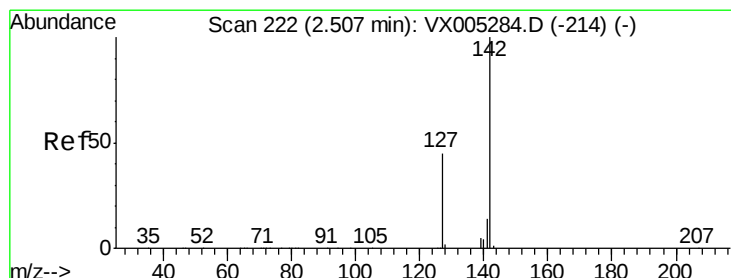
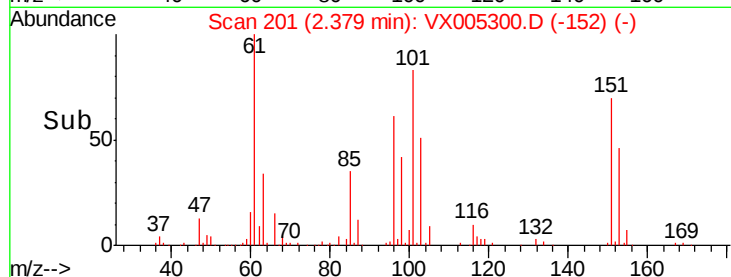
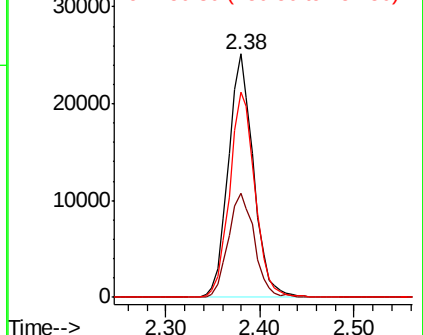
151 85.3 65.0 97.6



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: 20.004 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX005300.D

Acq: 12 Oct 2018 18:18

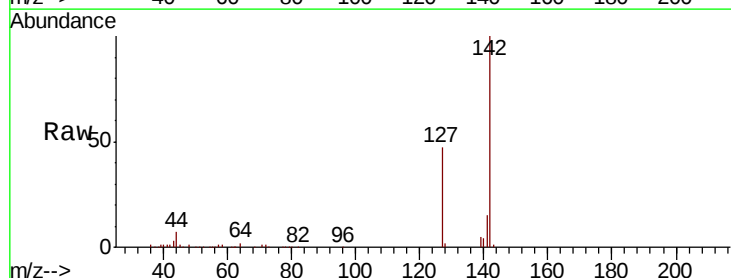
Tgt Ion:142 Resp: 48526

Ion Ratio Lower Upper

142 100

127 43.5 33.8 50.6

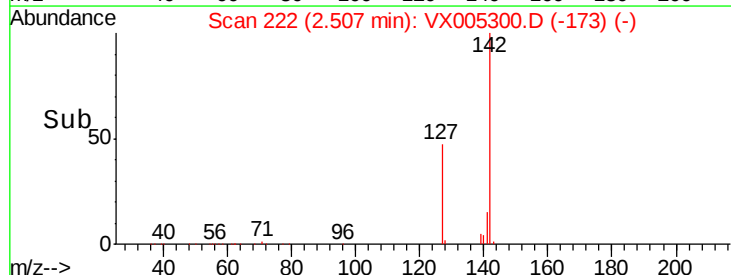
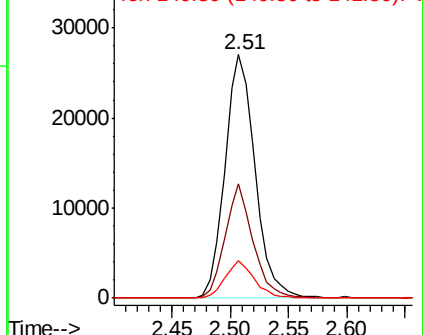
141 15.0 11.4 17.0



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

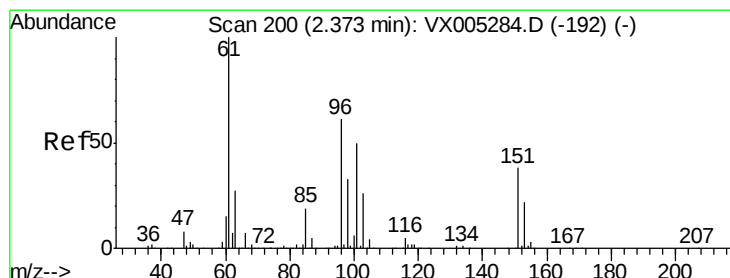
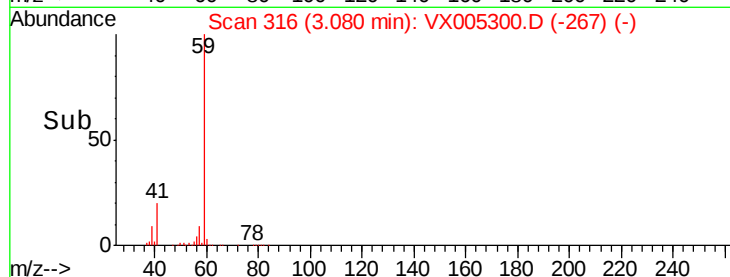
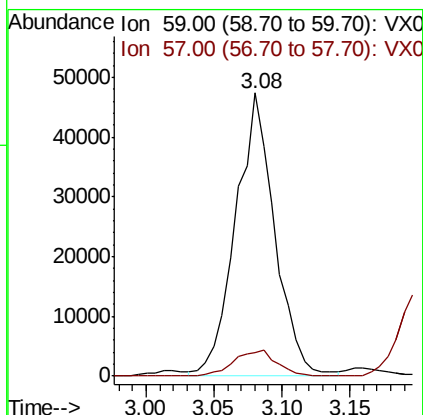
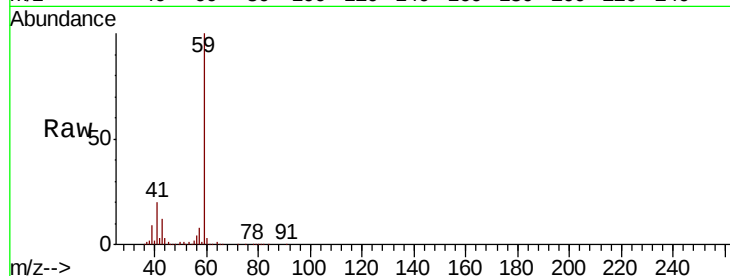




#11
Tert butyl alcohol
Concen: 112.131 ug/l
RT: 3.08 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX005300.D
Acq: 12 Oct 2018 18:18

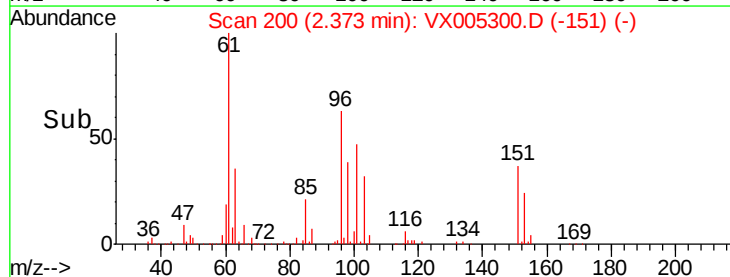
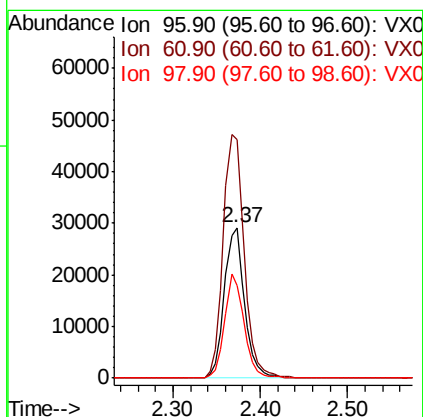
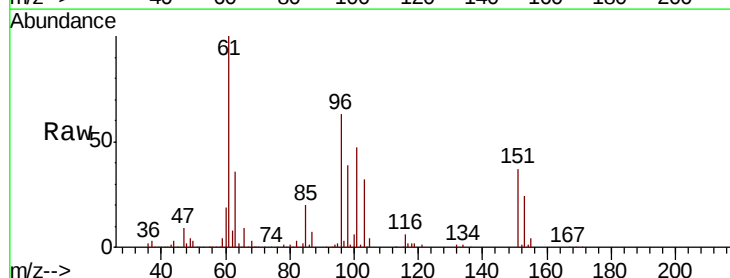
Instrument :
MSVOA_X
ClientSampled :

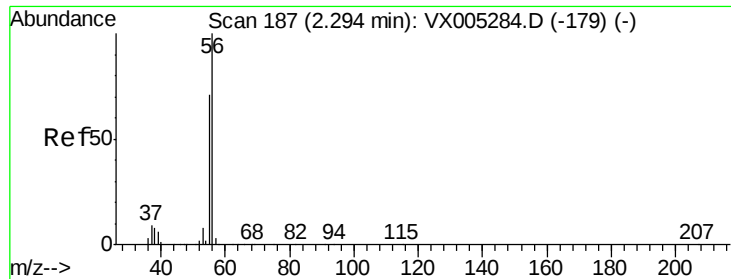
Tot Ion: 59 Resp: 95346
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.4



#12
1,1-Dichloroethene
Concen: 19.653 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX005300.D
Acq: 12 Oct 2018 18:18

Tgt Ion: 96 Resp: 46751
Ion Ratio Lower Upper
96 100
61 157.9 128.8 193.2
98 61.8 52.2 78.2

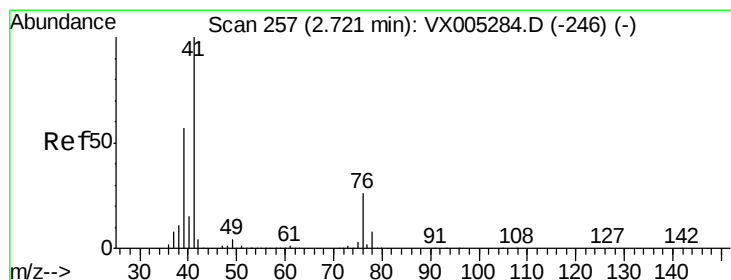
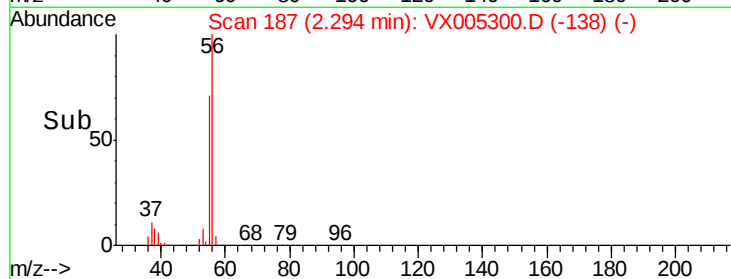
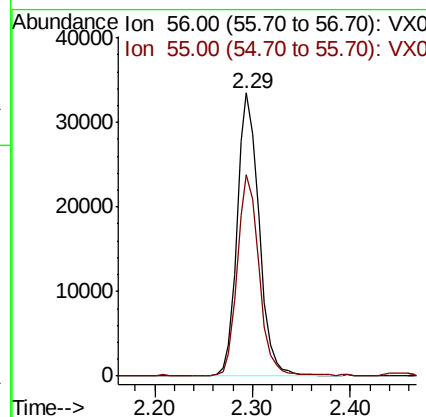
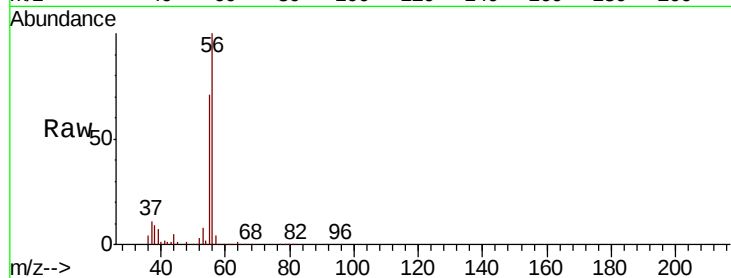




#13
Acrolein
Concen: 94.991 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX005300.D
Acq: 12 Oct 2018 18:18

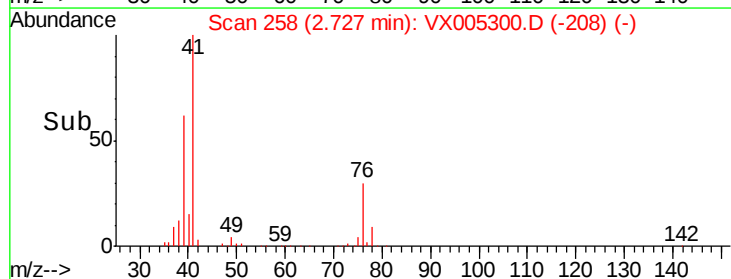
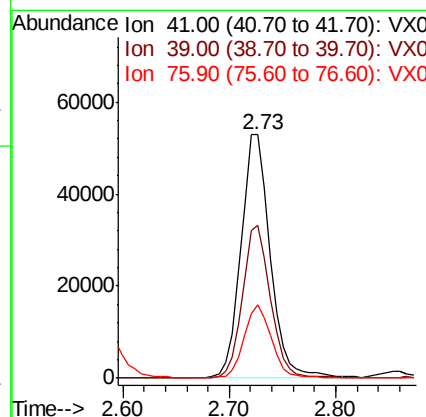
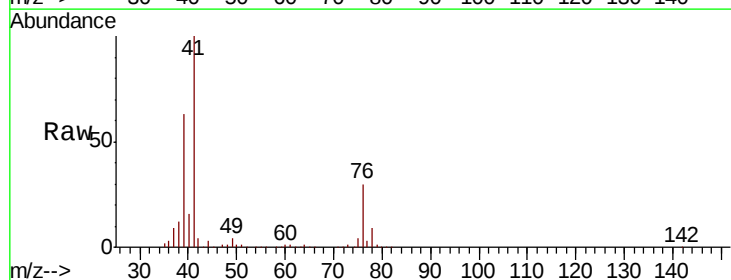
Instrument :
MSVOA_X
ClientSampleId :

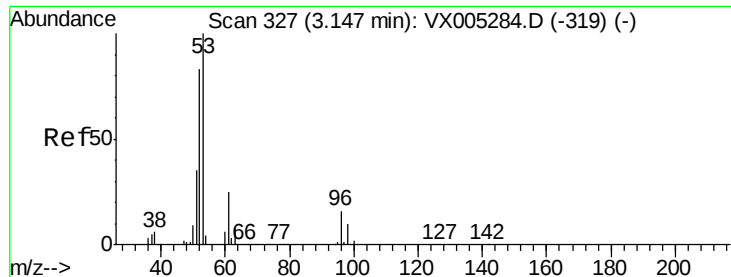
Tot Ion: 56 Resp: 52270
Ion Ratio Lower Upper
56 100
55 69.8 54.7 82.1



#14
Allyl chloride
Concen: 19.502 ug/l
RT: 2.73 min Scan# 258
Delta R.T. 0.01 min
Lab File: VX005300.D
Acq: 12 Oct 2018 18:18

Tgt Ion: 41 Resp: 101851
Ion Ratio Lower Upper
41 100
39 59.9 48.9 73.3
76 28.5 26.7 40.1





#15

Acrylonitrile

Concen: 97.717 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.01 min

Lab File: VX005300.D

Acq: 12 Oct 2018 18:18

Instrument :
MSVOA_X
ClientSampleId :

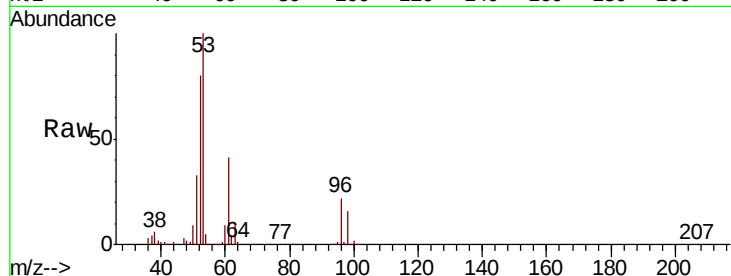
Tot Ion: 53 Resp: 188289

Ion Ratio Lower Upper

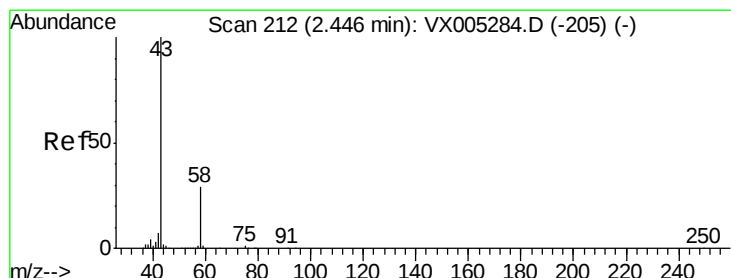
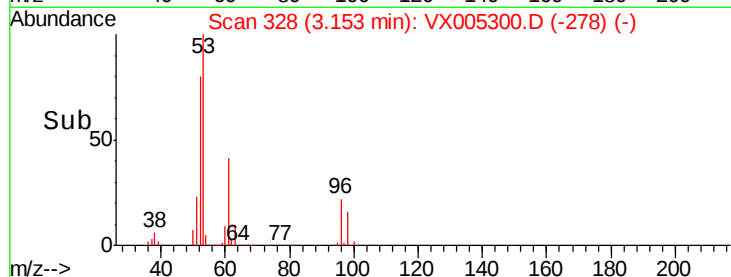
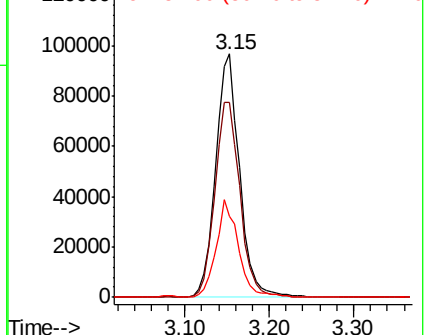
53 100

52 84.6 65.2 97.8

51 37.2 28.2 42.2



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



#16

Acetone

Concen: 102.631 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005300.D

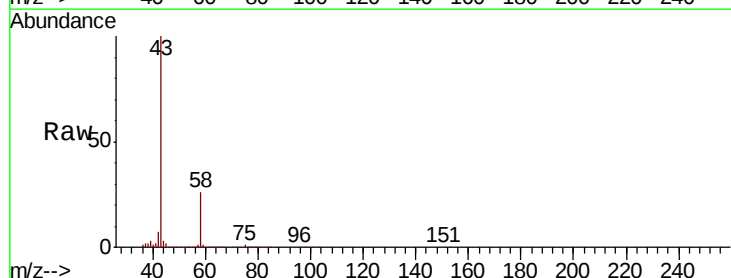
Acq: 12 Oct 2018 18:18

Tgt Ion: 43 Resp: 178874

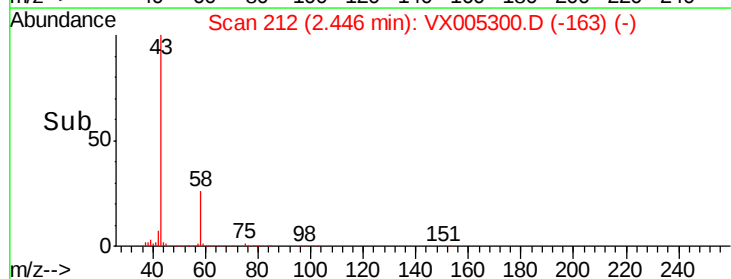
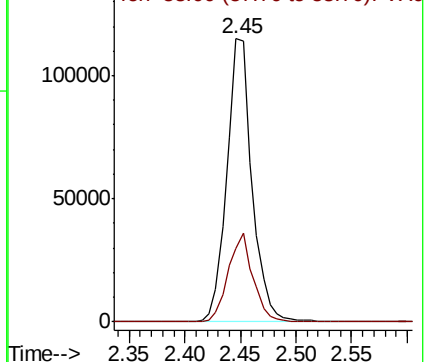
Ion Ratio Lower Upper

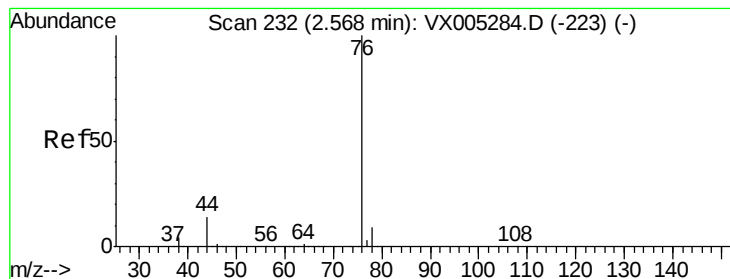
43 100

58 25.7 26.2 39.4#



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





#17

Carbon Disulfide

Concen: 20.316 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.01 min

Lab File: VX005300.D

Acq: 12 Oct 2018 18:18

Instrument :

MSVOA_X

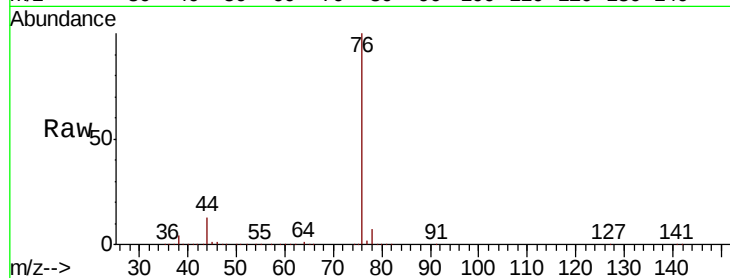
ClientSampleId :

Tot Ion: 76 Resp: 146397

Ion Ratio Lower Upper

76 100

78 6.4 7.0 10.6#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

100000

80000

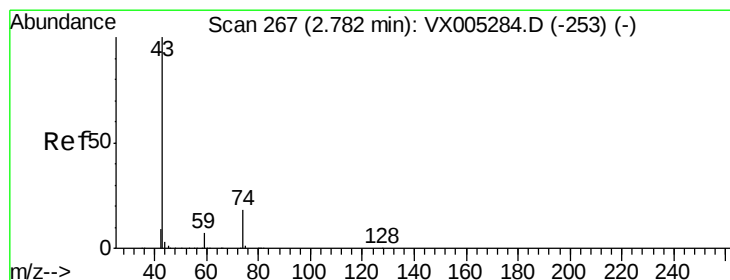
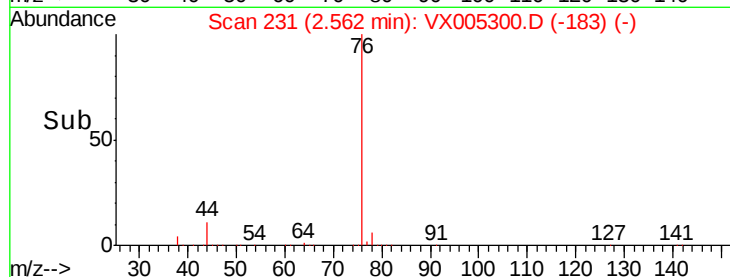
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 20.419 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX005300.D

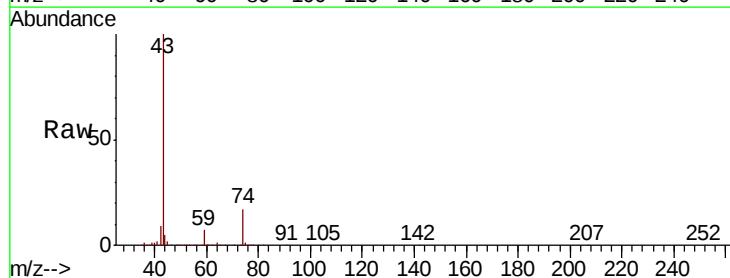
Acq: 12 Oct 2018 18:18

Tgt Ion: 43 Resp: 101245

Ion Ratio Lower Upper

43 100

74 20.0 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

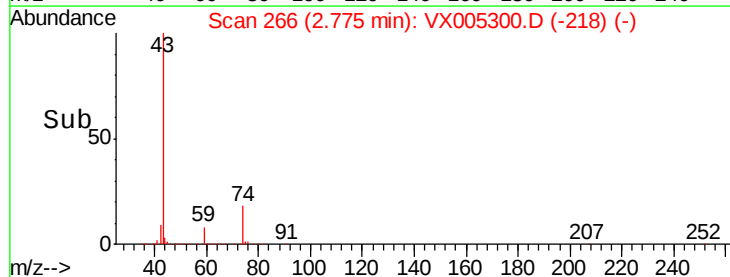
60000

40000

20000

0

Time-->



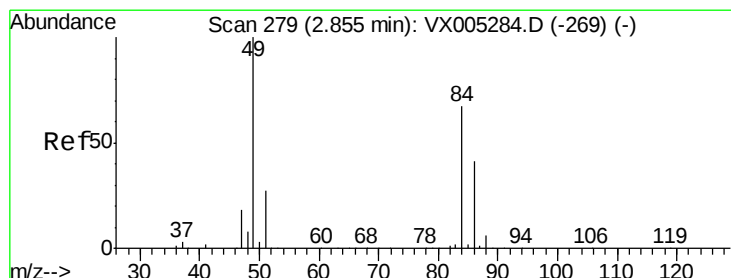
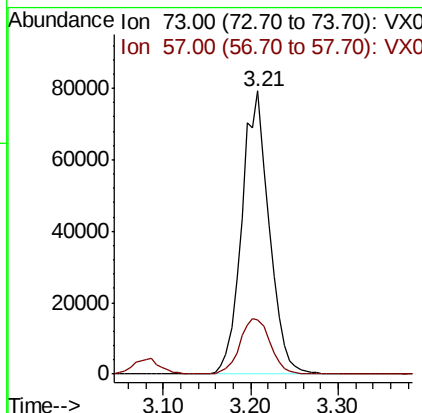
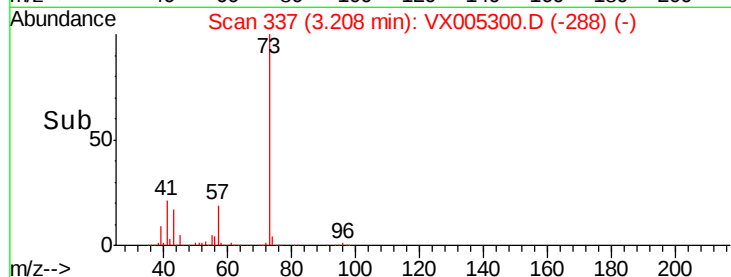
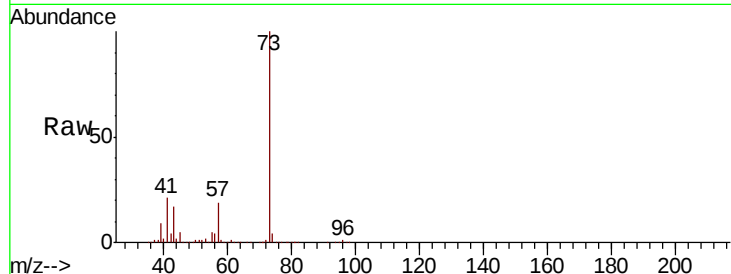


#19

Methyl tert-butyl Ether
 Concen: 20.522 ug/l
 RT: 3.21 min Scan# 337
 Delta R.T. -0.00 min
 Lab File: VX005300.D
 Acq: 12 Oct 2018 18:18

Instrument :
 MSVOA_X
 ClientSampleId :

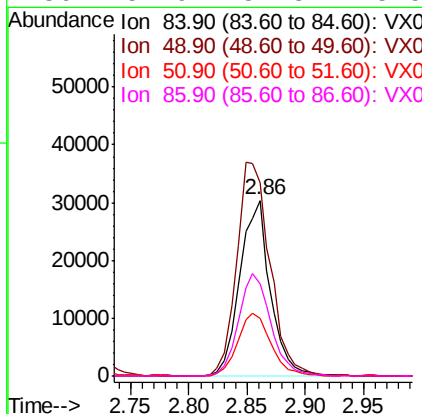
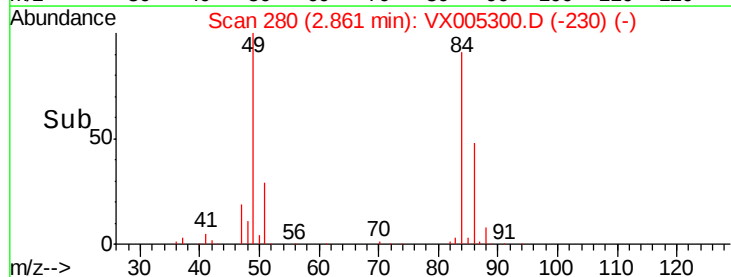
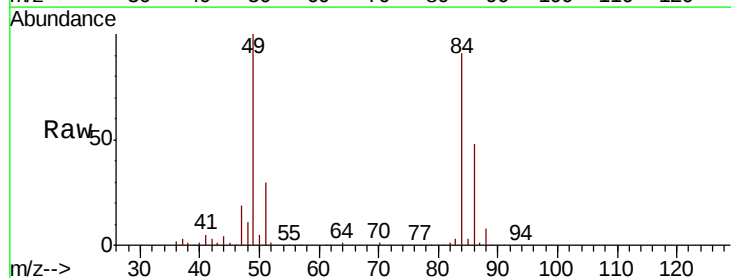
Tot Ion: 73 Resp: 171934
 Ion Ratio Lower Upper
 73 100
 57 19.0 17.1 25.7



#20

Methylene Chloride
 Concen: 21.079 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. 0.01 min
 Lab File: VX005300.D
 Acq: 12 Oct 2018 18:18

Tgt Ion: 84 Resp: 55454
 Ion Ratio Lower Upper
 84 100
 49 110.0 101.2 151.8
 51 32.4 29.5 44.3
 86 52.9 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 19.462 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX005300.D

Acq: 12 Oct 2018 18:18

Instrument :
MSVOA_X
ClientSampleId :

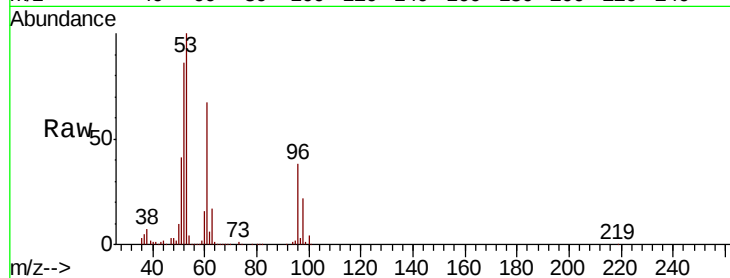
Tot Ion: 96 Resp: 51305

Ion Ratio Lower Upper

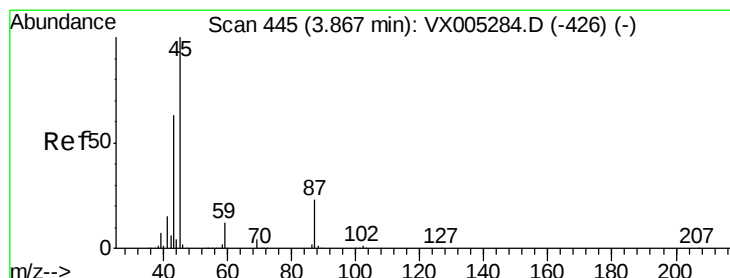
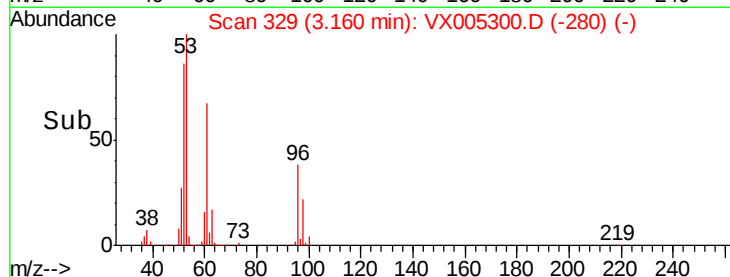
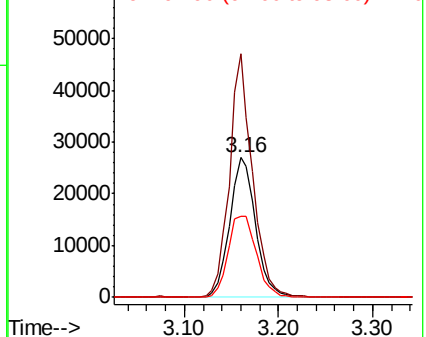
96 100

61 174.4 113.8 170.6#

98 58.1 51.8 77.8



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



#22

Diisopropyl ether

Concen: 18.903 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.01 min

Lab File: VX005300.D

Acq: 12 Oct 2018 18:18

Tgt Ion: 45 Resp: 165820

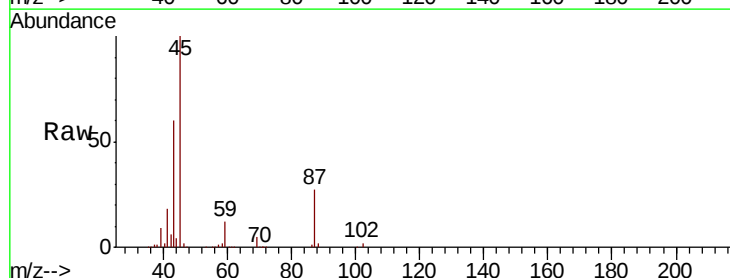
Ion Ratio Lower Upper

45 100

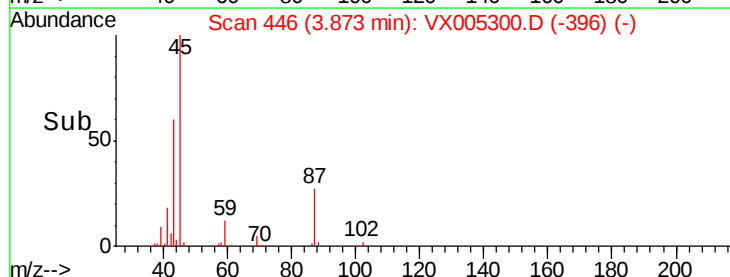
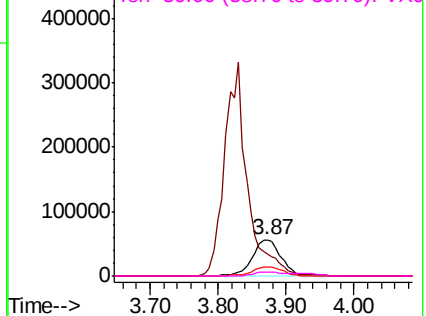
43 59.6 42.8 64.2

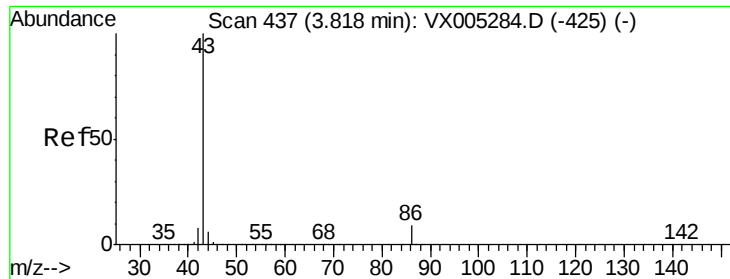
87 26.6 22.6 34.0

59 11.9 9.6 14.4



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





#23

Vinyl Acetate

Concen: 101.337 ug/l

RT: 3.83 min Scan# 439

Delta R.T. 0.01 min

Lab File: VX005300.D

Acq: 12 Oct 2018 18:18

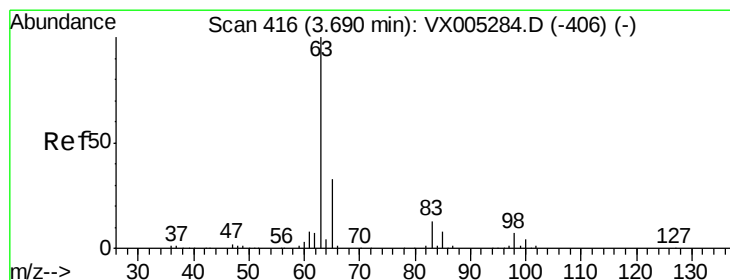
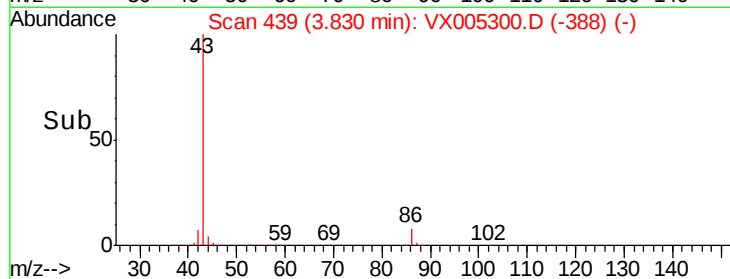
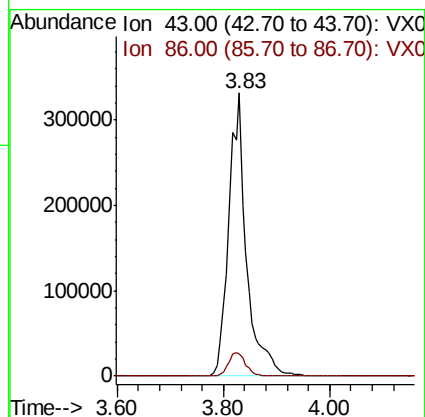
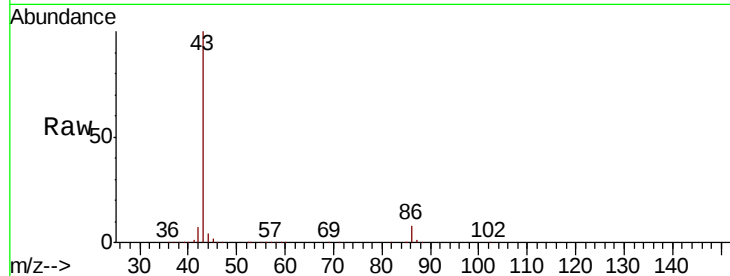
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 776972

Ion Ratio Lower Upper

43 100

86 7.9 8.9 13.3#



#24

1,1-Dichloroethane

Concen: 19.466 ug/l

RT: 3.68 min Scan# 415

Delta R.T. -0.01 min

Lab File: VX005300.D

Acq: 12 Oct 2018 18:18

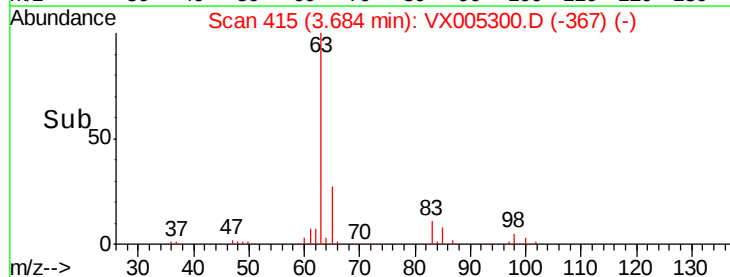
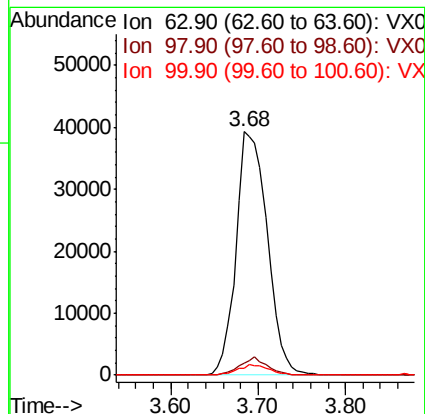
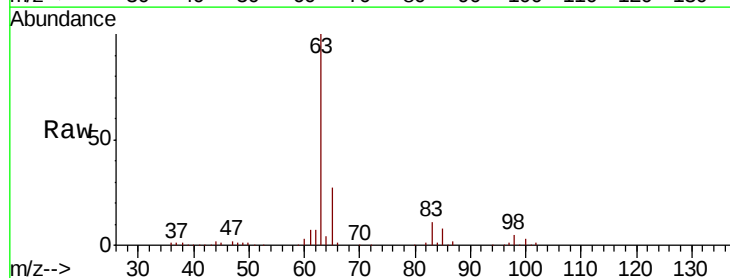
Tgt Ion: 63 Resp: 97865

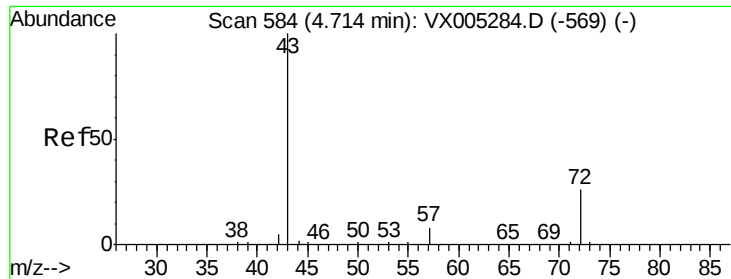
Ion Ratio Lower Upper

63 100

98 5.0 3.5 10.4

100 2.8 2.4 7.1





#25

2-Butanone

Concen: 97.246 ug/l

RT: 4.71 min Scan# 583

Delta R.T. -0.01 min

Lab File: VX005300.D

Acq: 12 Oct 2018 18:18

Instrument :

MSVOA_X

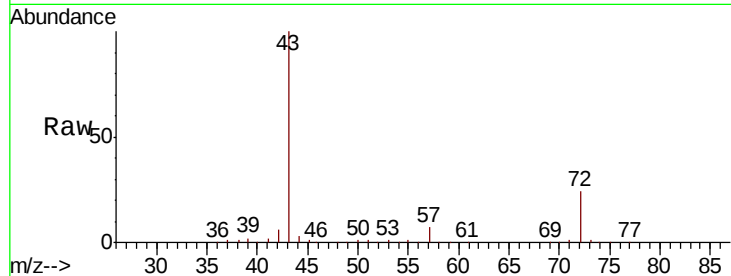
ClientSampleId :

Tot Ion: 43 Resp: 247982

Ion Ratio Lower Upper

43 100

72 24.1 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.71

100000

80000

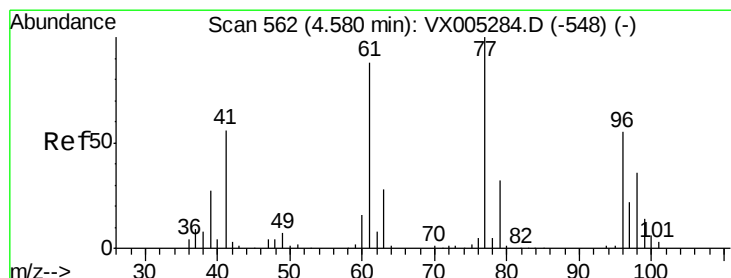
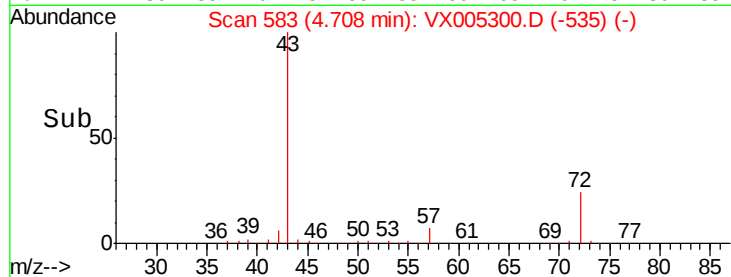
60000

40000

20000

0

Time-->



#26

2,2-Dichloropropane

Concen: 16.687 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX005300.D

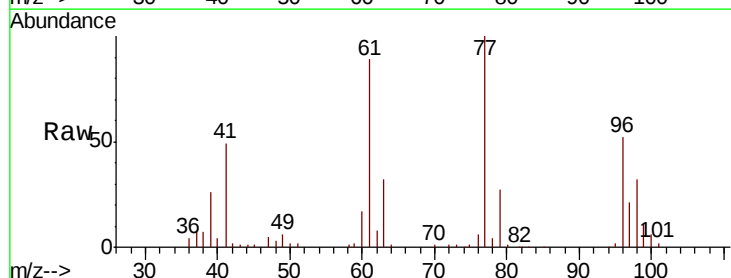
Acq: 12 Oct 2018 18:18

Tgt Ion: 77 Resp: 62742

Ion Ratio Lower Upper

77 100

97 24.6 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.58

25000

20000

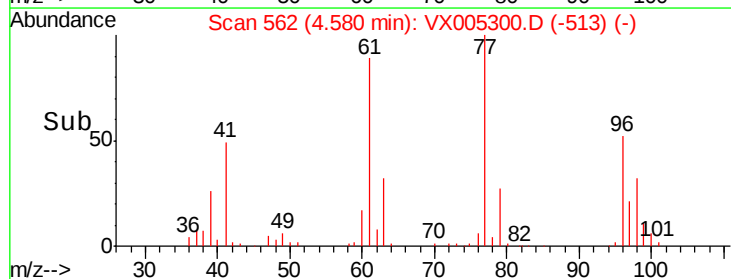
15000

10000

5000

0

Time-->



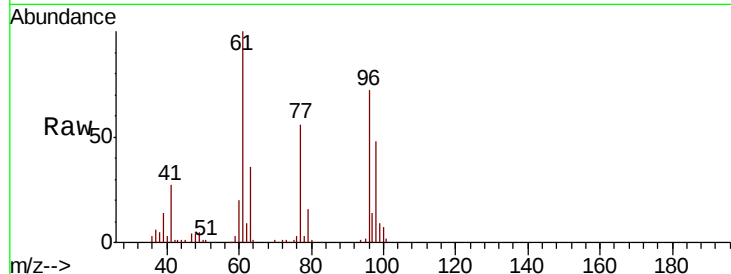


#27

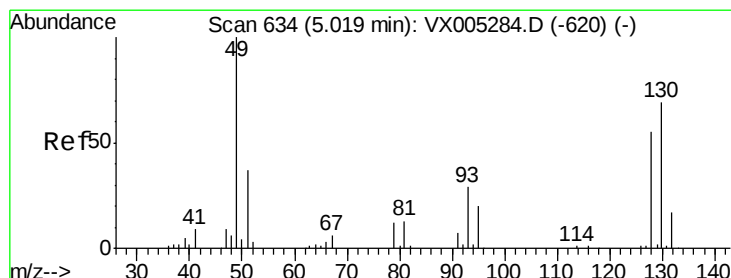
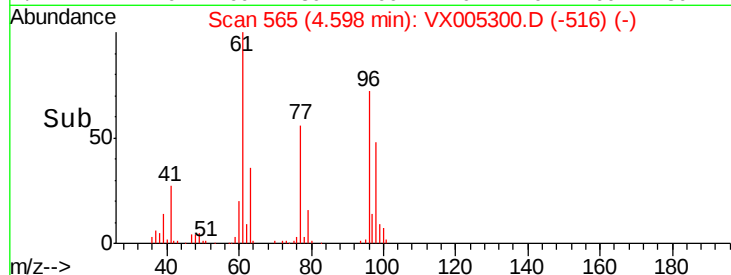
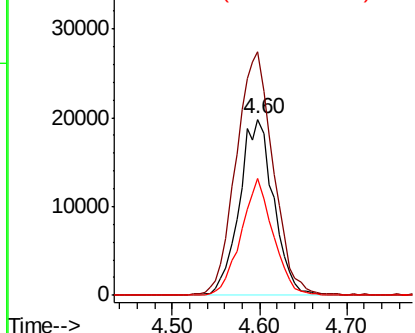
cis-1,2-Dichloroethene
Concen: 18.823 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX005300.D
Acq: 12 Oct 2018 18:18

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	150.0	0.0	282.6
98	62.3	0.0	130.2



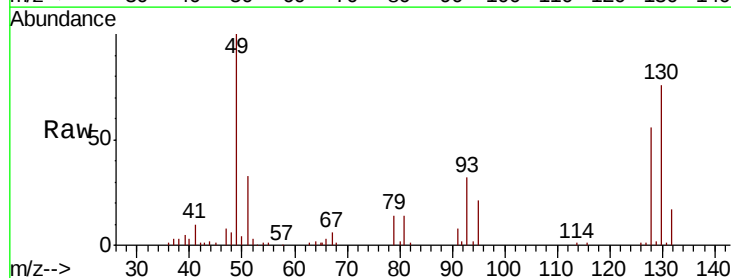
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



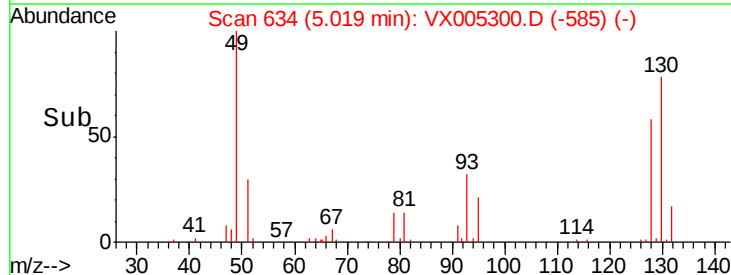
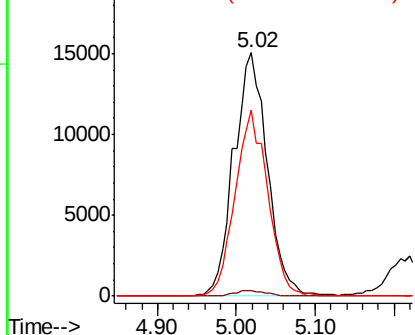
#28

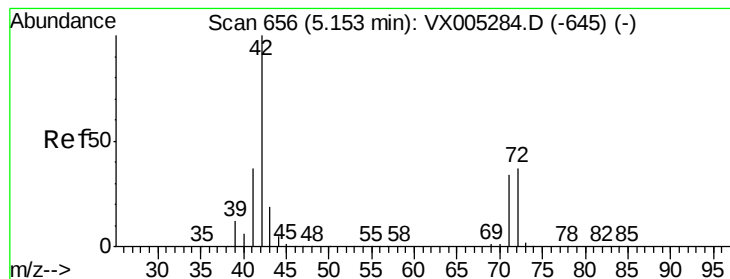
Bromochloromethane
Concen: 19.366 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX005300.D
Acq: 12 Oct 2018 18:18

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.2
130	74.6	67.5	101.3



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: 107.868 ug/l

RT: 5.16 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX005300.D

Acq: 12 Oct 2018 18:18

Instrument :

MSVOA_X

ClientSampleId :

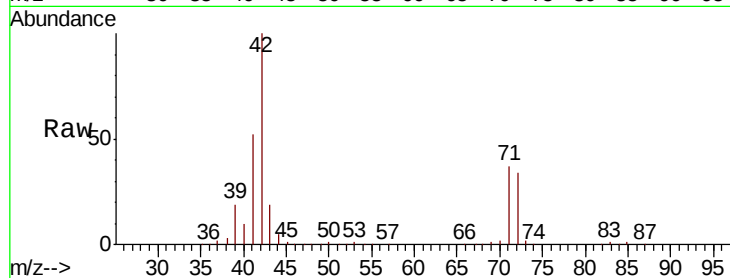
Tot Ion: 42 Resp: 175459

Ion Ratio Lower Upper

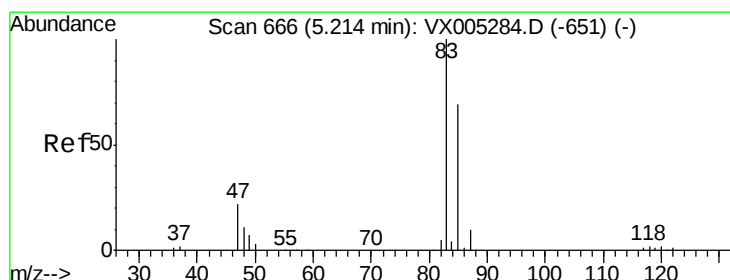
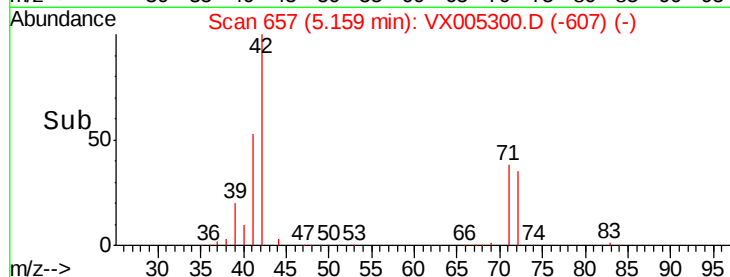
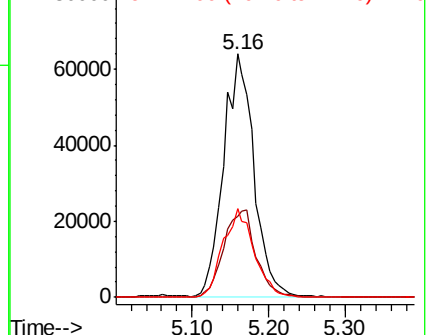
42 100

72 38.5 37.4 56.0

71 37.4 34.5 51.7



Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 19.215 ug/l

RT: 5.22 min Scan# 667

Delta R.T. 0.01 min

Lab File: VX005300.D

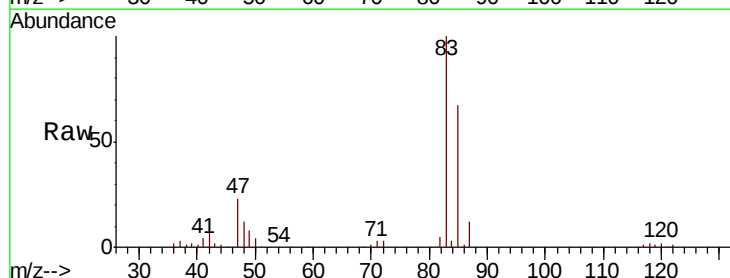
Acq: 12 Oct 2018 18:18

Tgt Ion: 83 Resp: 89667

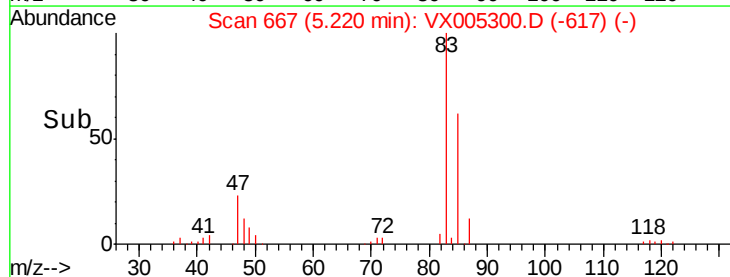
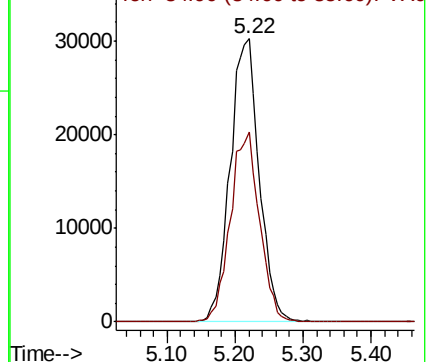
Ion Ratio Lower Upper

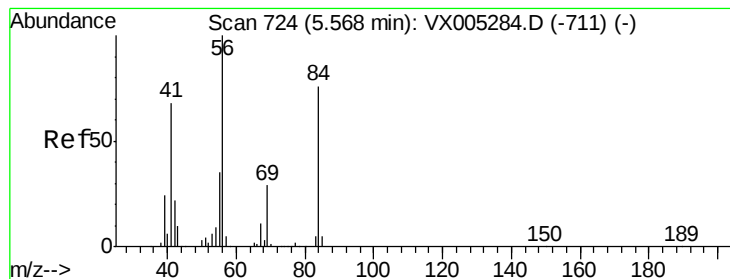
83 100

85 67.1 52.6 79.0



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 19.386 ug/l

RT: 5.57 min Scan# 724

Delta R.T. -0.00 min

Lab File: VX005300.D

Acq: 12 Oct 2018 18:18

Instrument :

MSVOA_X

ClientSampleId :

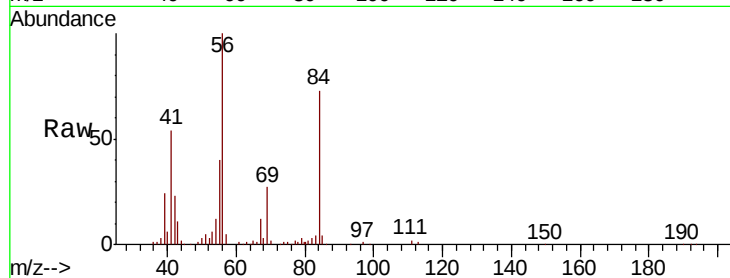
Tot Ion: 56 Resp: 80327

Ion Ratio Lower Upper

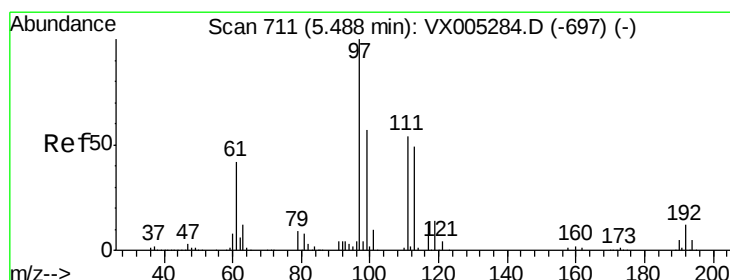
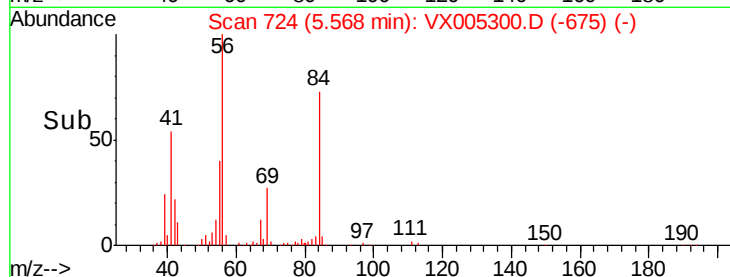
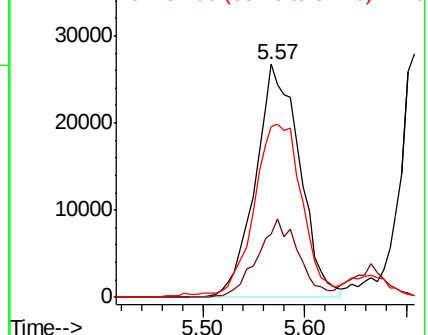
56 100

69 27.2 25.4 38.2

84 71.4 71.4 107.2



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: 20.056 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX005300.D

Acq: 12 Oct 2018 18:18

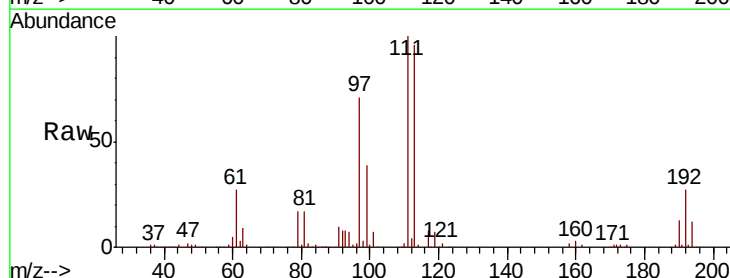
Tgt Ion: 97 Resp: 81434

Ion Ratio Lower Upper

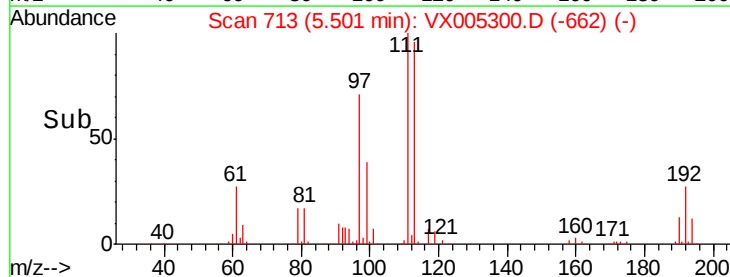
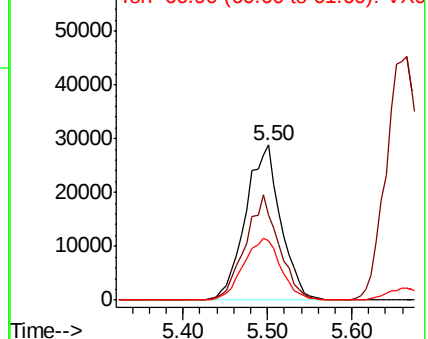
97 100

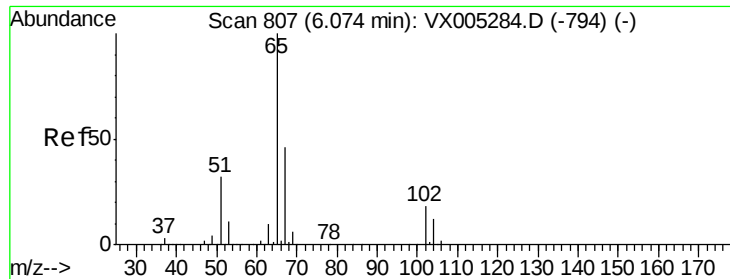
99 64.7 52.0 78.0

61 42.9 34.9 52.3



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: 49.895 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX005300.D

Acq: 12 Oct 2018 18:18

Instrument :

MSVOA_X

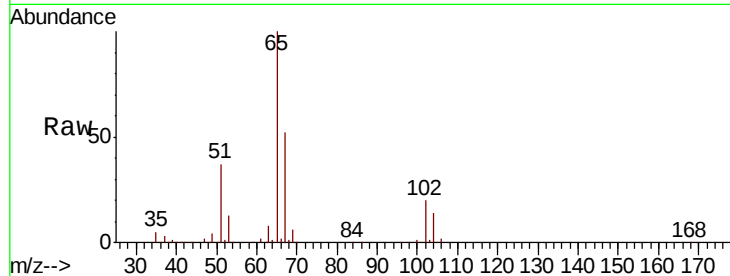
ClientSampleId :

Tot Ion: 65 Resp: 150403

Ion Ratio Lower Upper

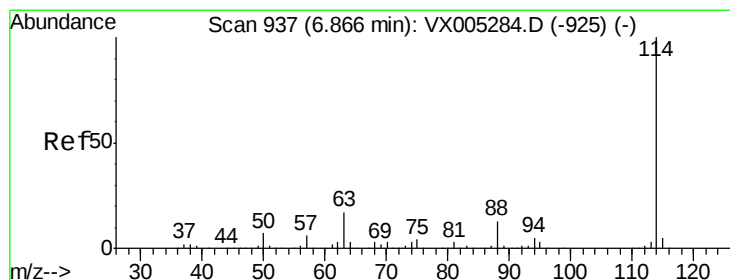
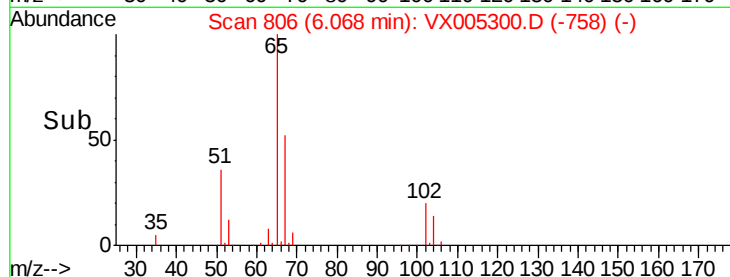
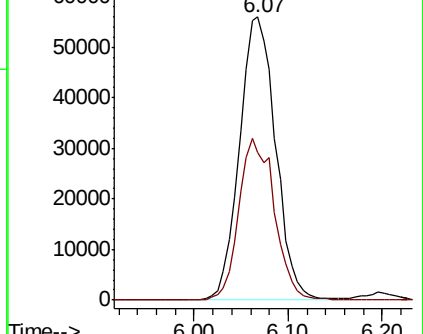
65 100

67 56.3 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.01 min

Lab File: VX005300.D

Acq: 12 Oct 2018 18:18

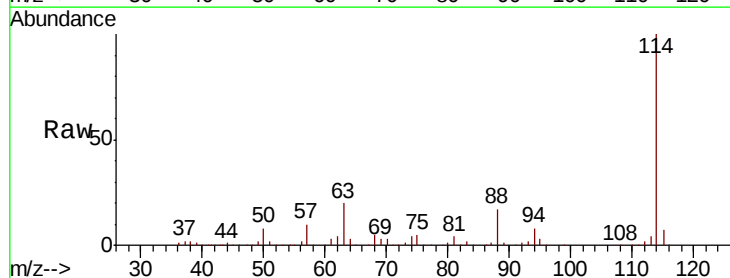
Tgt Ion: 114 Resp: 400317

Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.0

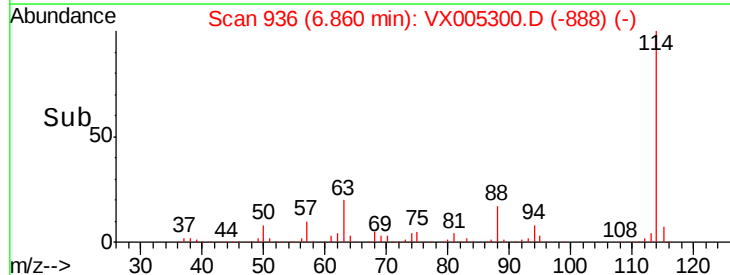
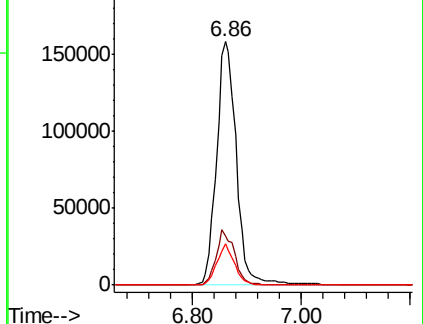
88 16.9 0.0 30.4

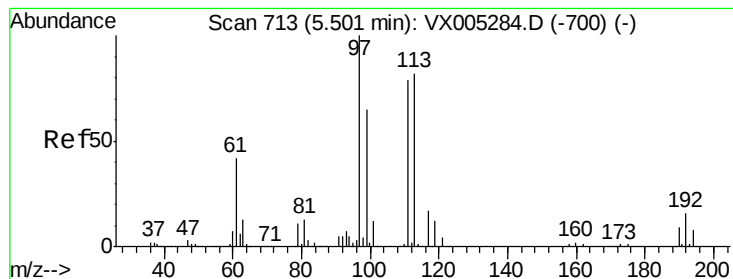


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 45.213 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX005300.D

Acq: 12 Oct 2018 18:18

Instrument :

MSVOA_X

ClientSampleId :

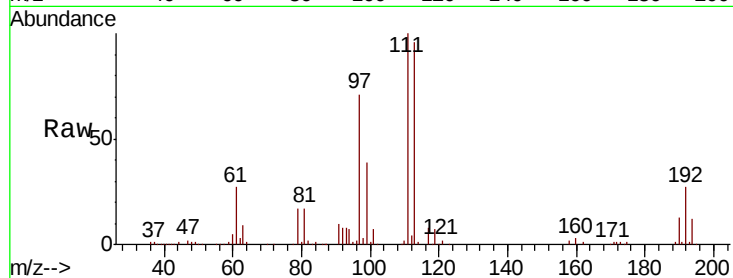
Tot Ion:113 Resp: 119877

Ion Ratio Lower Upper

113 100

111 105.1 82.4 123.6

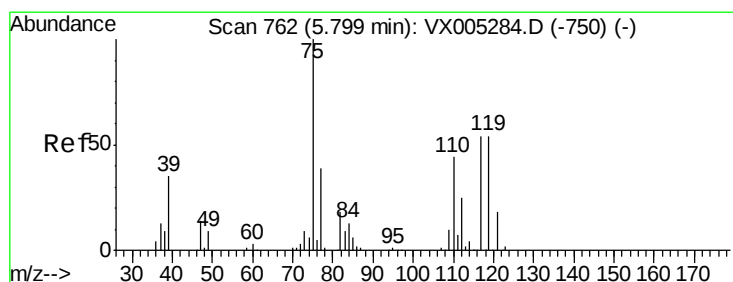
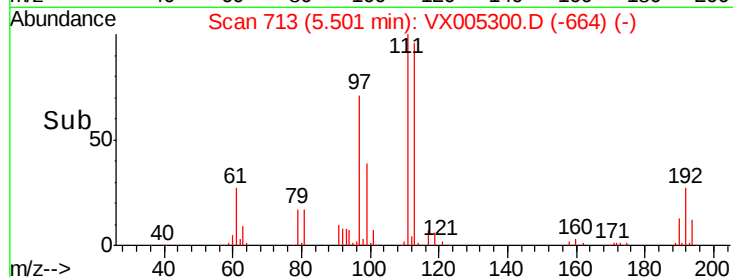
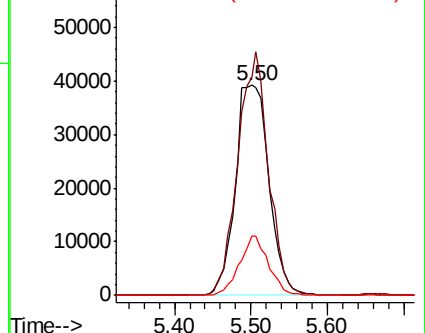
192 24.2 19.4 29.2



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: 17.251 ug/l

RT: 5.79 min Scan# 761

Delta R.T. -0.01 min

Lab File: VX005300.D

Acq: 12 Oct 2018 18:18

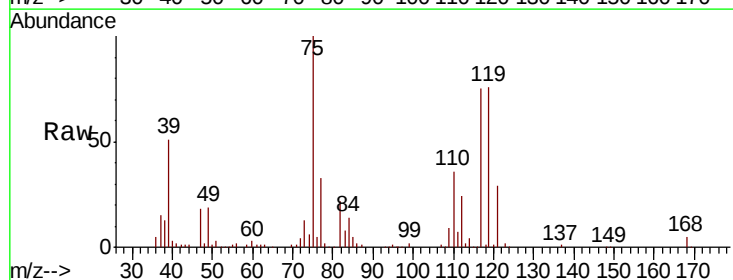
Tgt Ion: 75 Resp: 66884

Ion Ratio Lower Upper

75 100

110 36.0 18.0 54.0

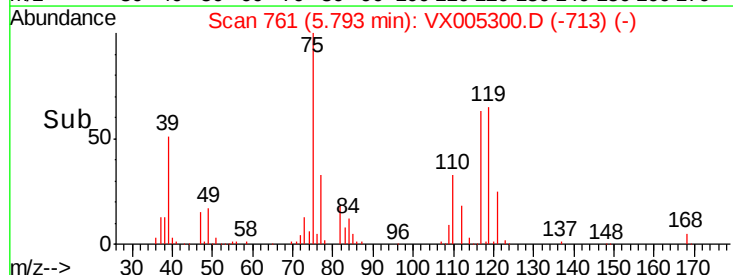
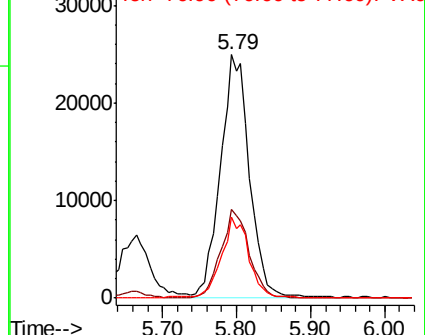
77 31.8 24.6 36.8

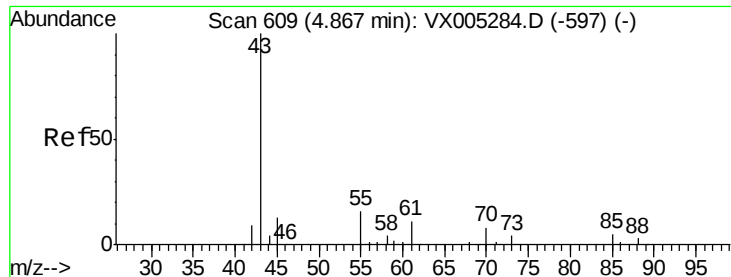


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

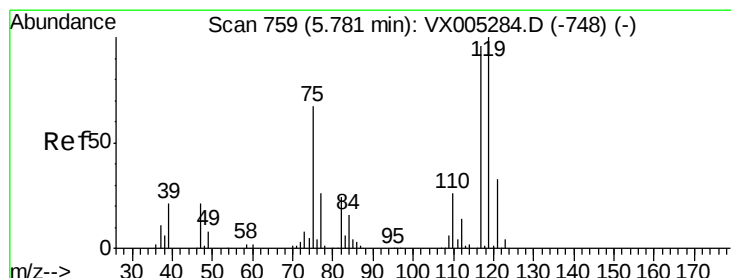
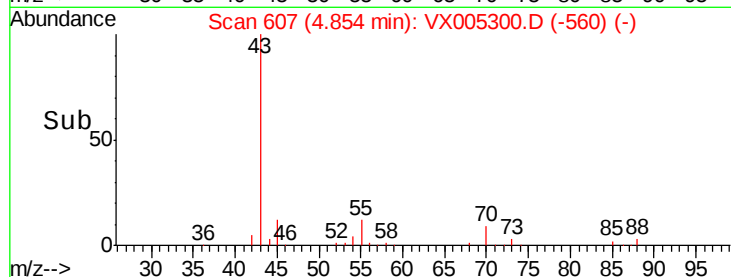
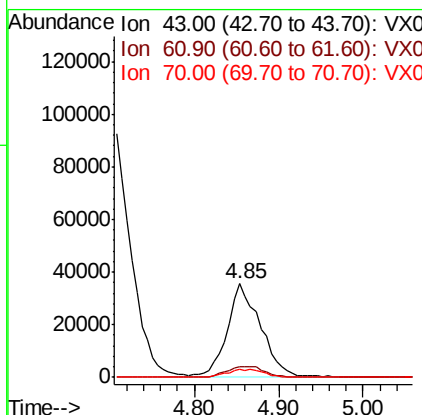
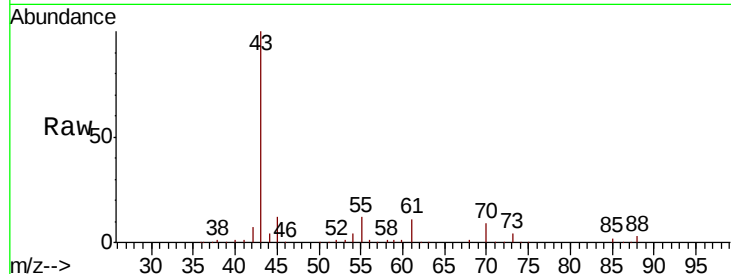




#37
Ethyl Acetate
Concen: 19.012 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX005300.D
Acq: 12 Oct 2018 18:18

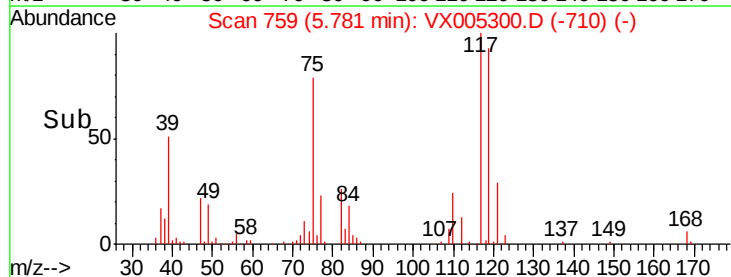
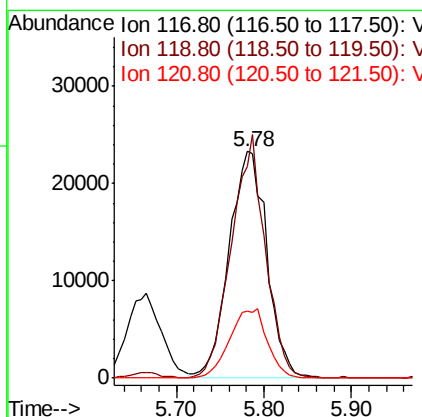
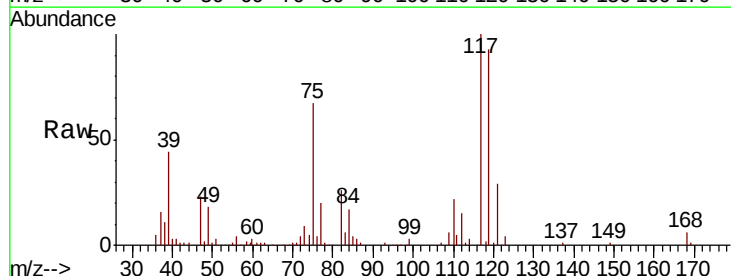
Instrument :
MSVOA_X
ClientSampleId :

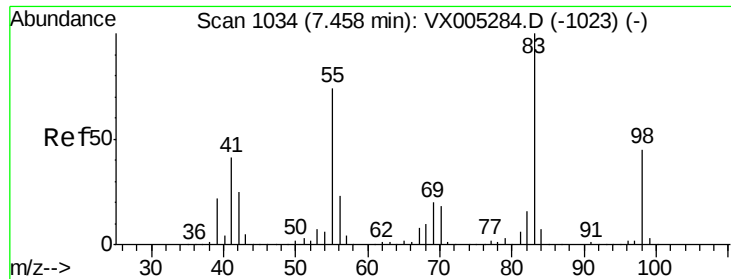
Tot Ion: 43 Resp: 94793
Ion Ratio Lower Upper
43 100
61 12.8 11.5 17.3
70 10.0 9.0 13.6



#38
Carbon Tetrachloride
Concen: 17.918 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX005300.D
Acq: 12 Oct 2018 18:18

Tgt Ion: 117 Resp: 69801
Ion Ratio Lower Upper
117 100
119 93.4 78.8 118.2
121 29.3 24.9 37.3

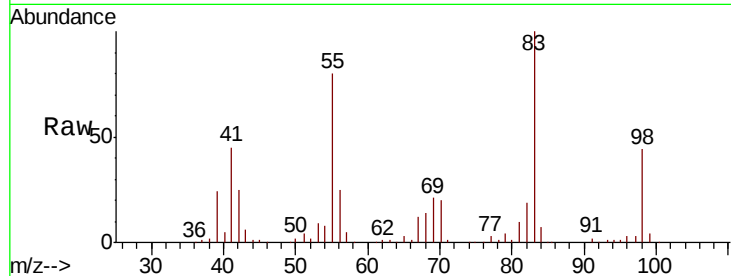




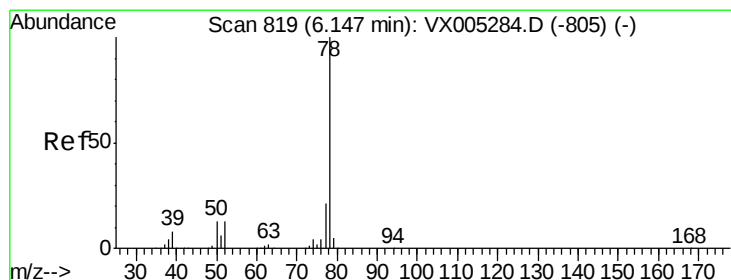
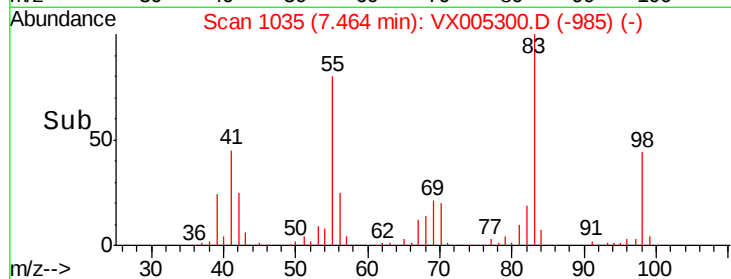
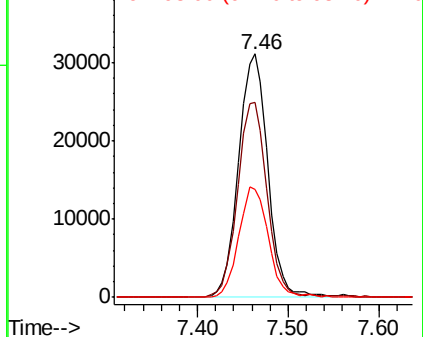
#39
Methvlcvclohexane
Concen: 16.580 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX005300.D
Acq: 12 Oct 2018 18:18

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 83 Resp: 69569
Ion Ratio Lower Upper
83 100
55 80.0 61.0 91.4
98 44.4 39.6 59.4

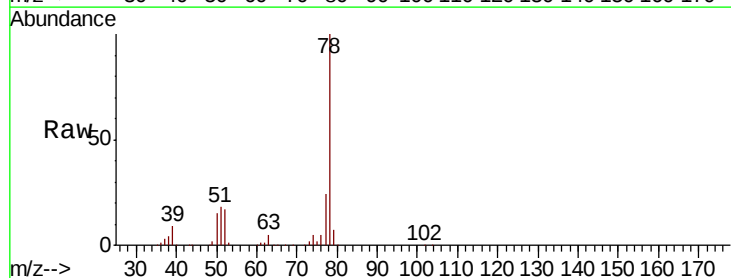


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

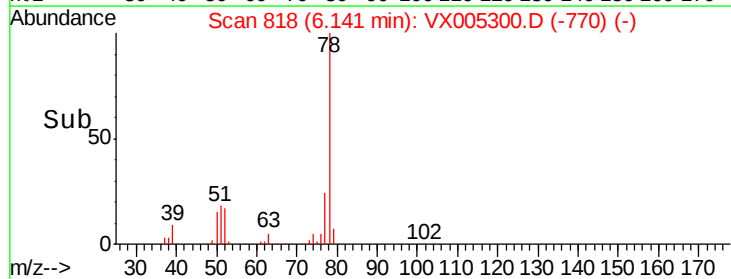
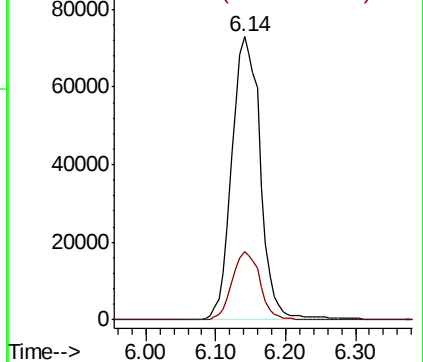


#40
Benzene
Concen: 17.761 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX005300.D
Acq: 12 Oct 2018 18:18

Tgt Ion: 78 Resp: 206562
Ion Ratio Lower Upper
78 100
77 24.1 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

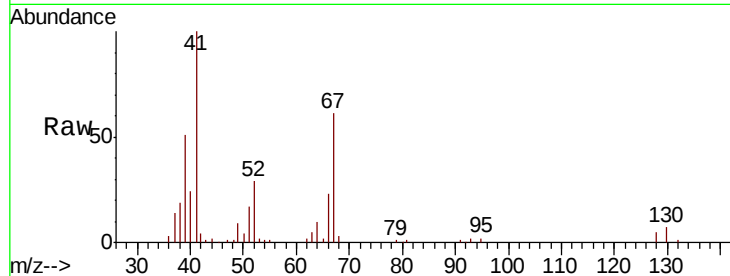




#41
Methacrylonitrile
Concen: 18.710 ug/l
RT: 5.06 min Scan# 641
Delta R.T. -0.00 min
Lab File: VX005300.D
Acq: 12 Oct 2018 18:18

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	50013
Ion	Ratio	Lower	Upper
41	100		
39	51.8	42.4	63.6
67	67.3	59.2	88.8
52	29.0	23.0	34.4



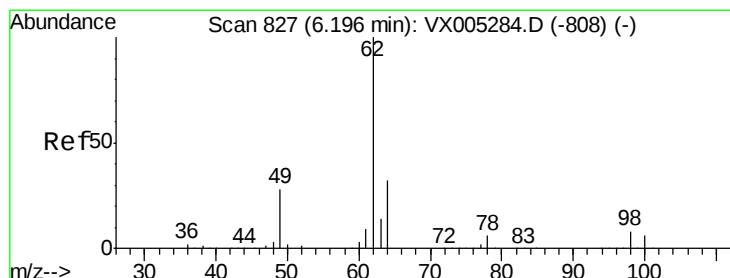
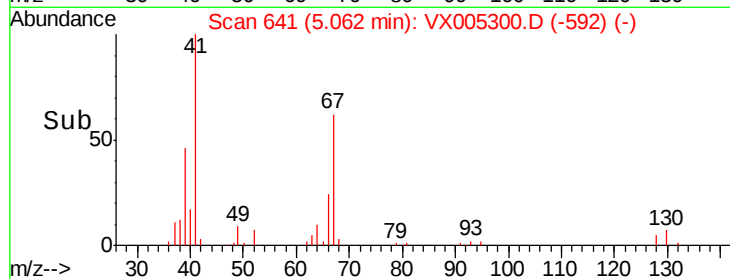
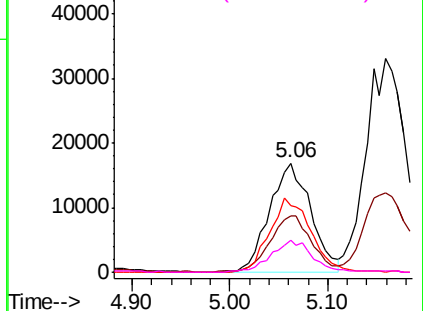
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

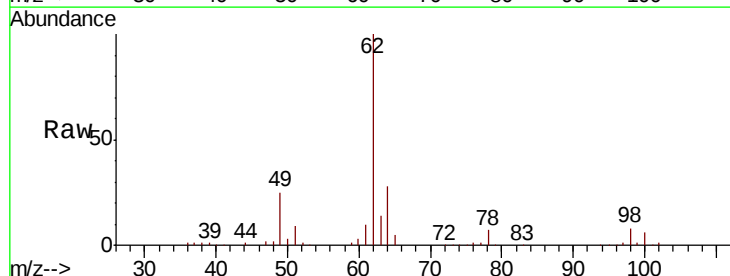
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 18.889 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX005300.D
Acq: 12 Oct 2018 18:18

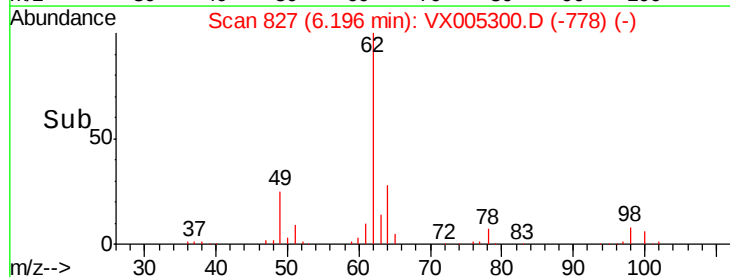
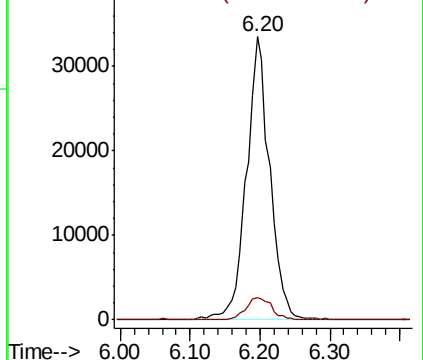
Tgt Ion:	62	Resp:	77572
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	20.6

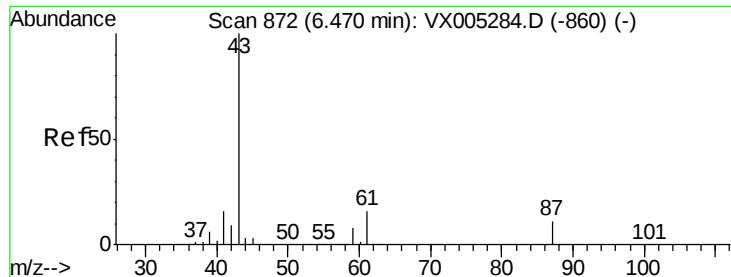


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 19.333 ug/l

RT: 6.46 min Scan# 871

Delta R.T. -0.01 min

Lab File: VX005300.D

Acq: 12 Oct 2018 18:18

Instrument :

MSVOA_X

ClientSampleId :

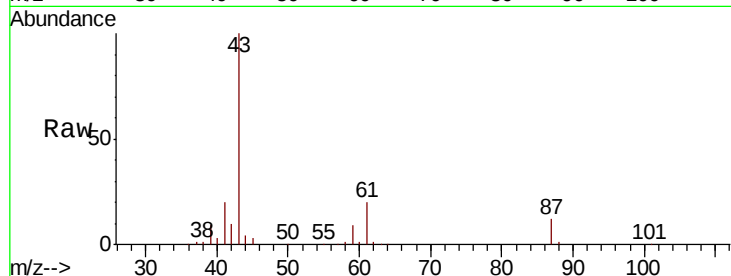
Tot Ion: 43 Resp: 128405

Ion Ratio Lower Upper

43 100

61 19.6 17.0 25.4

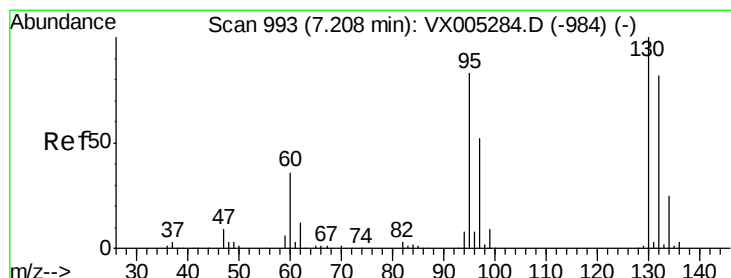
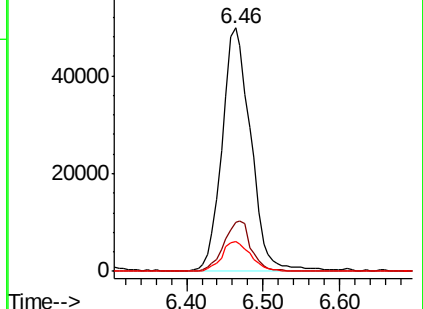
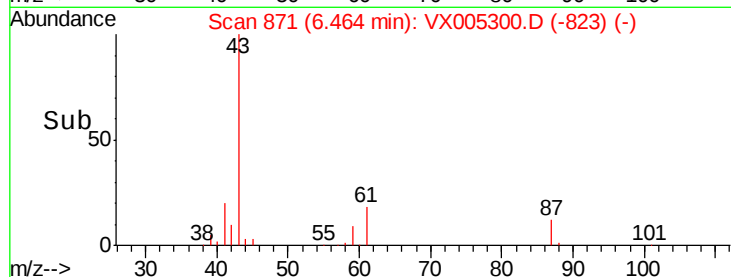
87 12.5 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VX005284.D (-860) (-)

Ion 61.00 (60.70 to 61.70): VX005284.D (-860) (-)

Ion 87.00 (86.70 to 87.70): VX005284.D (-860) (-)



#44

Trichloroethene

Concen: 20.179 ug/l

RT: 7.22 min Scan# 995

Delta R.T. 0.01 min

Lab File: VX005300.D

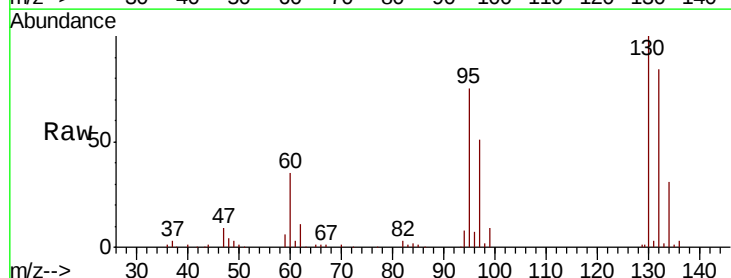
Acq: 12 Oct 2018 18:18

Tgt Ion:130 Resp: 61027

Ion Ratio Lower Upper

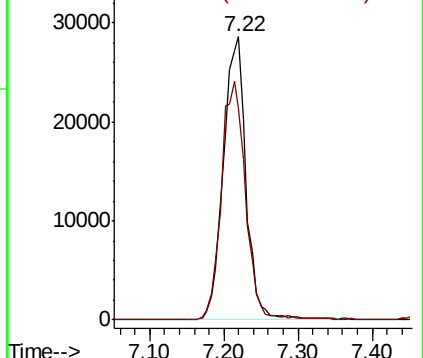
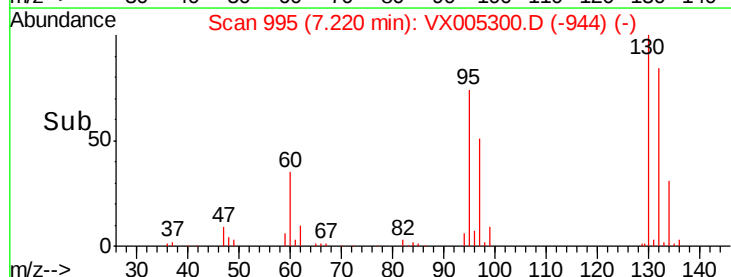
130 100

95 74.8 0.0 181.6



Abundance Ion 129.80 (129.50 to 130.50): VX005284.D (-984) (-)

Ion 94.90 (94.60 to 95.60): VX005284.D (-984) (-)

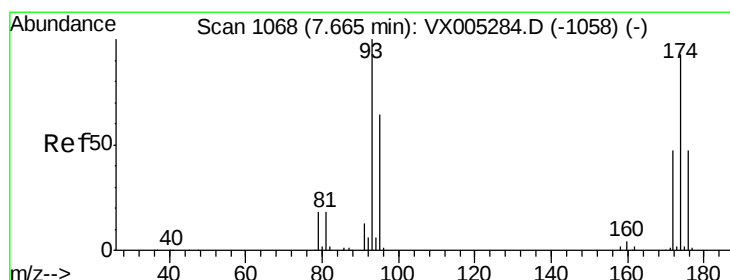
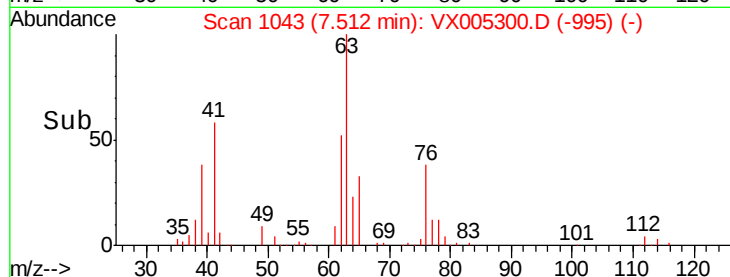
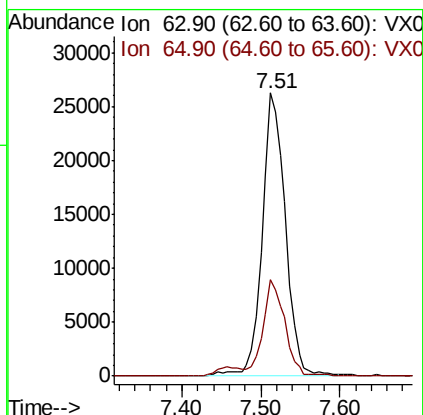
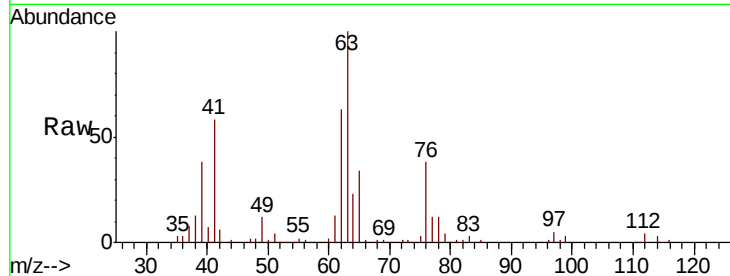




#45
 1,2-Dichloropropane
 Concen: 18.850 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: VX005300.D
 Acq: 12 Oct 2018 18:18

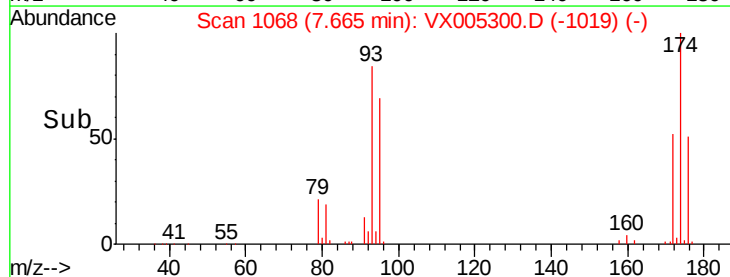
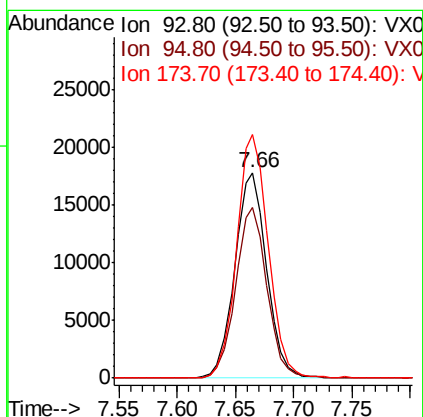
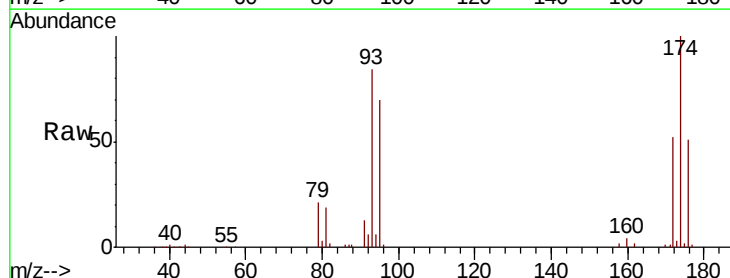
Instrument :
 MSVOA_X
 ClientSampled :

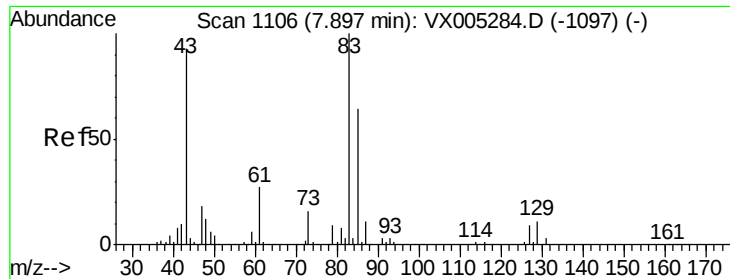
Tot Ion: 63 Resp: 53776
 Ion Ratio Lower Upper
 63 100
 65 34.0 24.3 36.5



#46
 Dibromomethane
 Concen: 17.947 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: VX005300.D
 Acq: 12 Oct 2018 18:18

Tgt Ion: 93 Resp: 33793
 Ion Ratio Lower Upper
 93 100
 95 81.8 65.5 98.3
 174 117.9 94.2 141.4





#47

Bromodichloromethane

Concen: 18.165 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VX005300.D

Acq: 12 Oct 2018 18:18

Instrument :

MSVOA_X

ClientSampled :

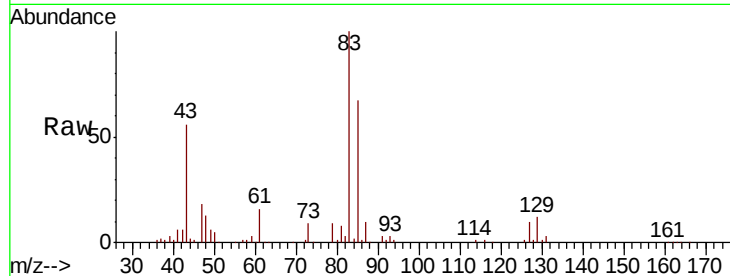
Tot Ion: 83 Resp: 63267

Ion Ratio Lower Upper

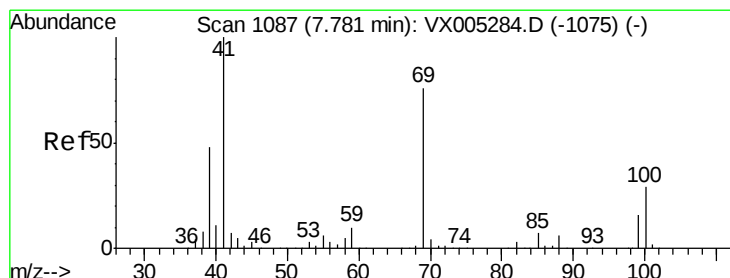
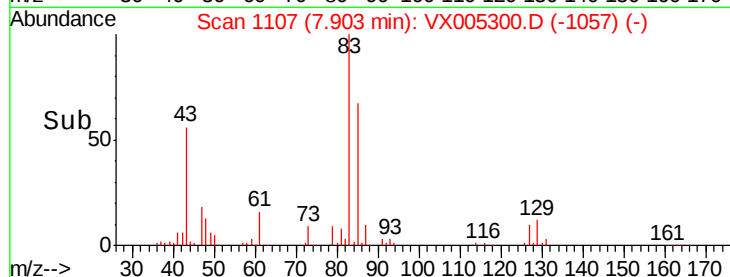
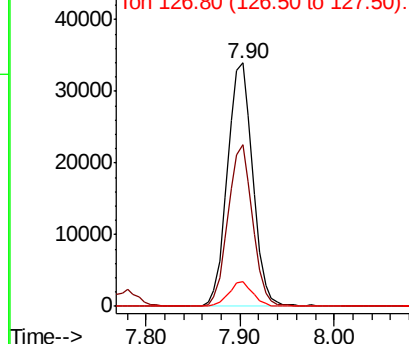
83 100

85 66.6 50.9 76.3

127 10.4 7.3 10.9



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: 18.368 ug/l

RT: 7.78 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX005300.D

Acq: 12 Oct 2018 18:18

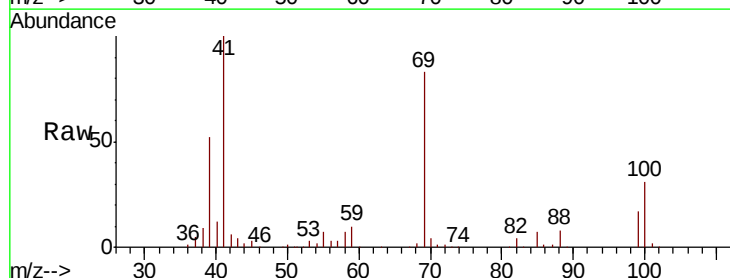
Tgt Ion: 41 Resp: 63273

Ion Ratio Lower Upper

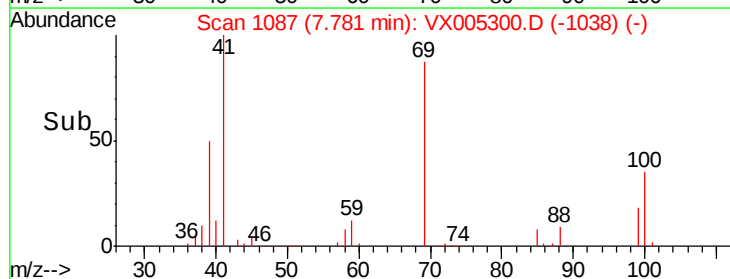
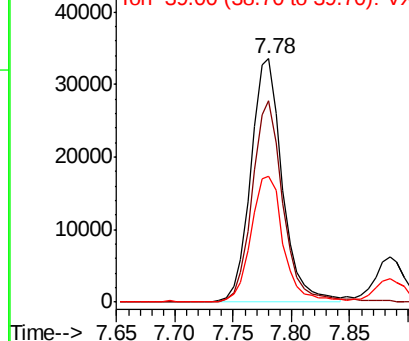
41 100

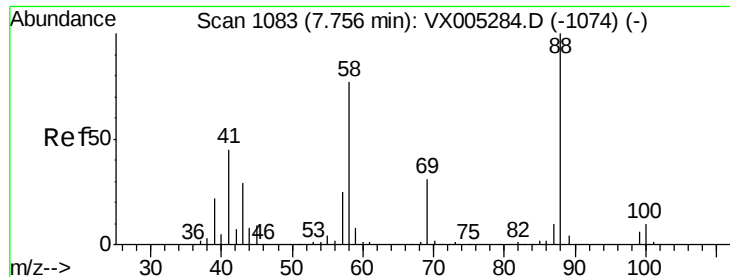
69 81.9 70.2 105.4

39 53.6 42.7 64.1



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

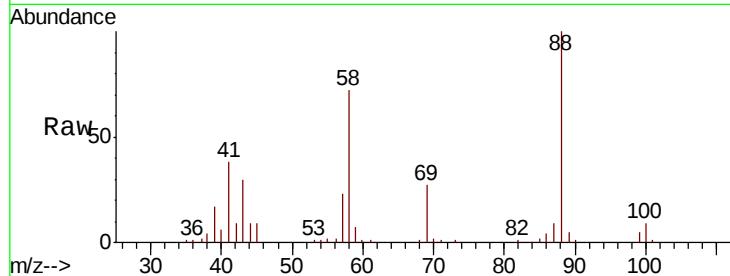




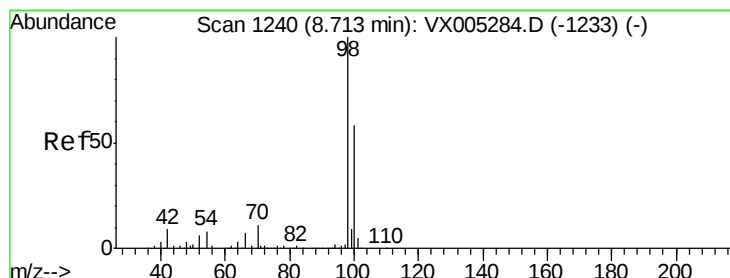
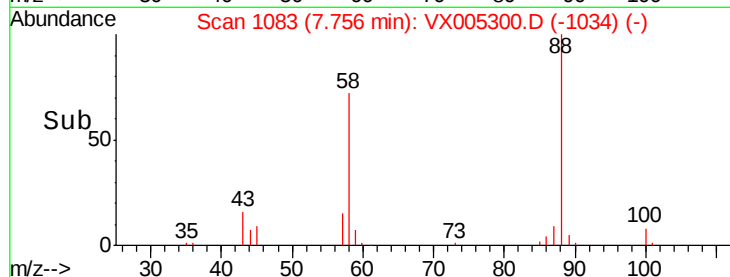
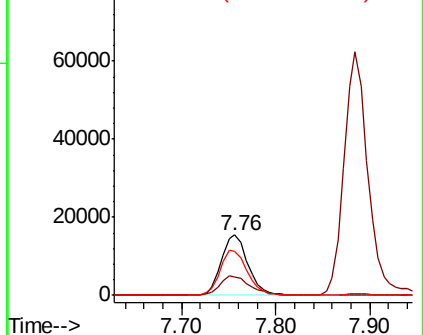
#49
1,4-Dioxane
Concen: 381.320 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. -0.00 min
Lab File: VX005300.D
Acq: 12 Oct 2018 18:18

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 88 Resp: 30297
Ion Ratio Lower Upper
88 100
43 36.3 24.7 37.1
58 77.3 55.3 82.9

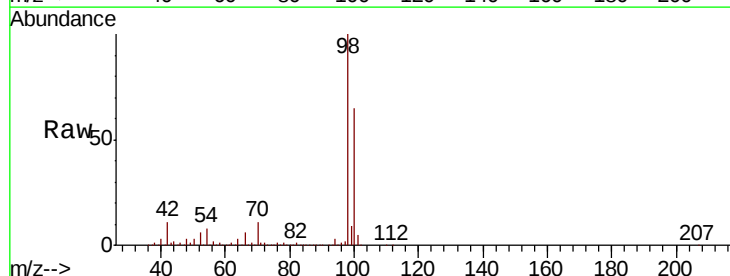


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

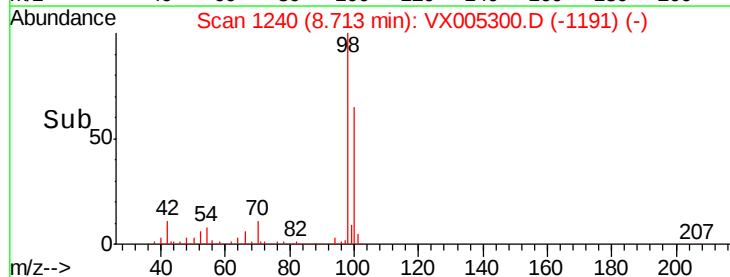
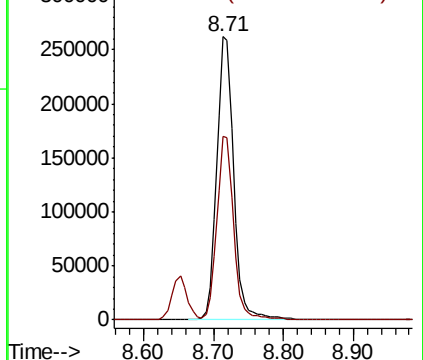


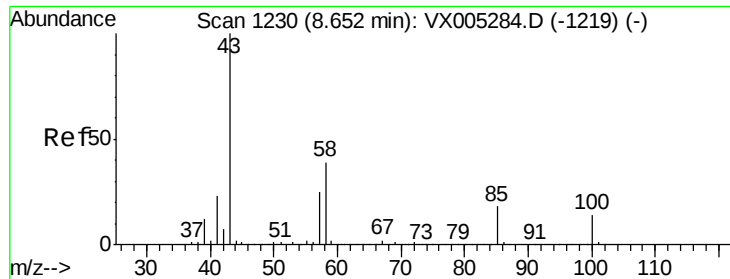
#50
Toluene-d8
Concen: 48.431 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005300.D
Acq: 12 Oct 2018 18:18

Tgt Ion: 98 Resp: 440841
Ion Ratio Lower Upper
98 100
100 64.5 52.9 79.3



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





#51

4-Methyl-2-Pentanone

Concen: 96.727 ug/l

RT: 8.65 min Scan# 1230

Delta R.T. -0.00 min

Lab File: VX005300.D

Acq: 12 Oct 2018 18:18

Instrument :

MSVOA_X

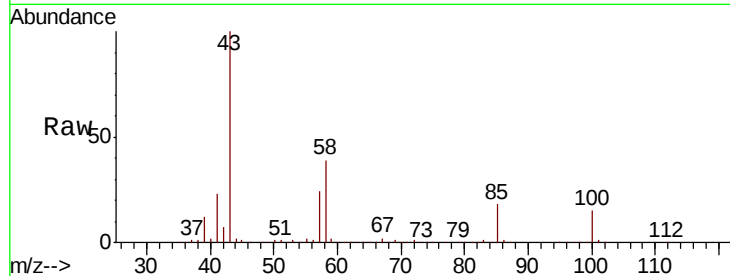
ClientSampleId :

Tot Ion: 43 Resp: 444836

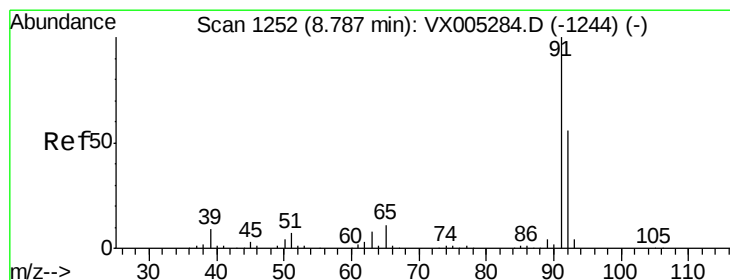
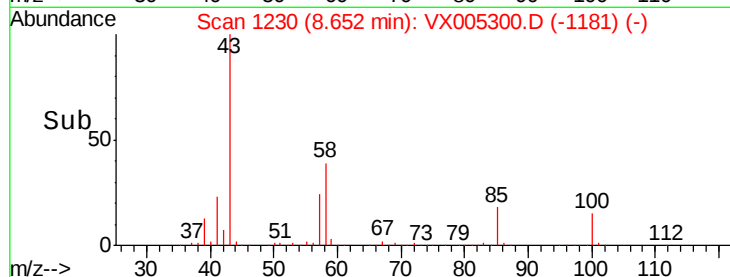
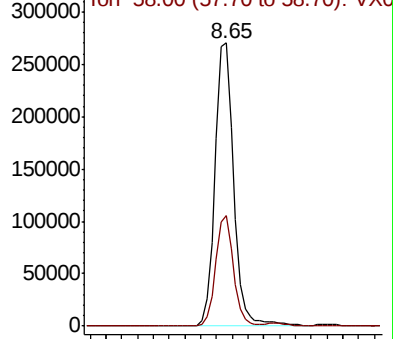
Ion Ratio Lower Upper

43 100

58 37.2 33.1 49.7



Abundance Ion 43.00 (42.70 to 43.70): VX005284.D (-1219) (-)



#52

Toluene

Concen: 19.243 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005300.D

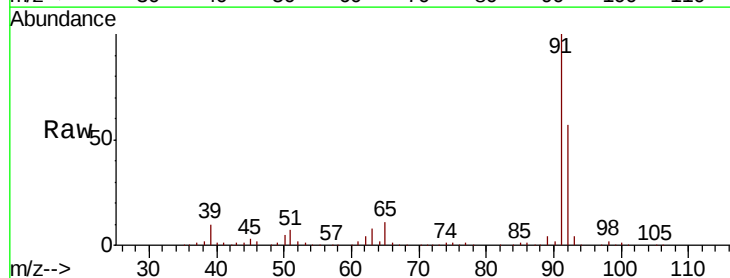
Acq: 12 Oct 2018 18:18

Tgt Ion: 92 Resp: 122439

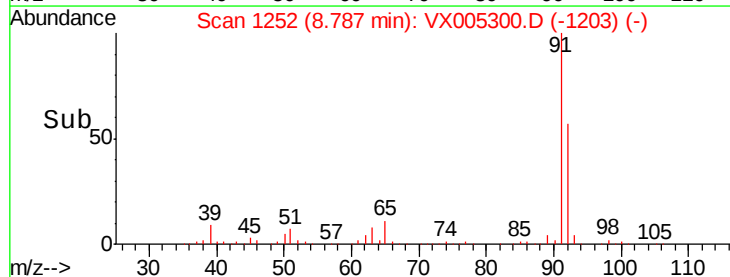
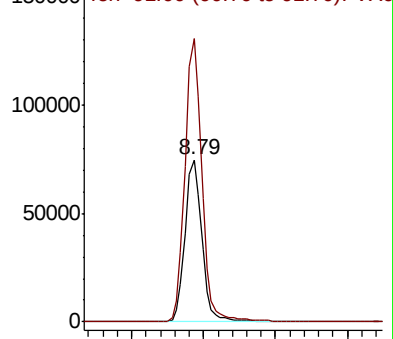
Ion Ratio Lower Upper

92 100

91 174.8 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX005284.D (-1244) (-)

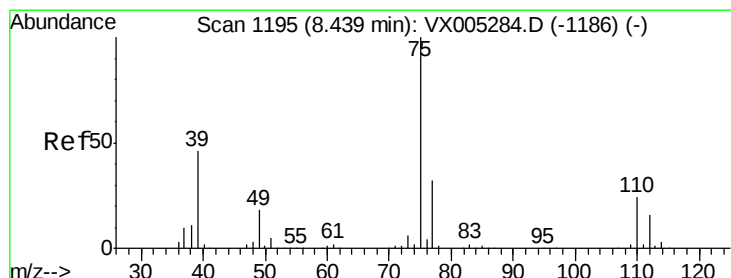
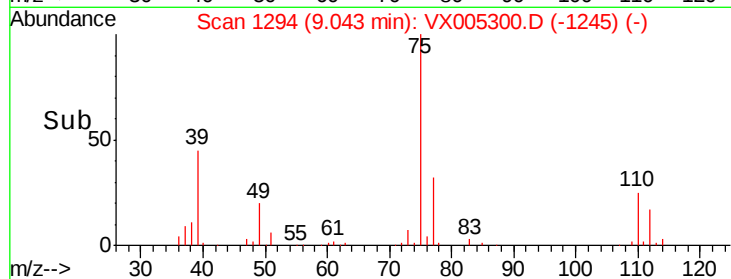
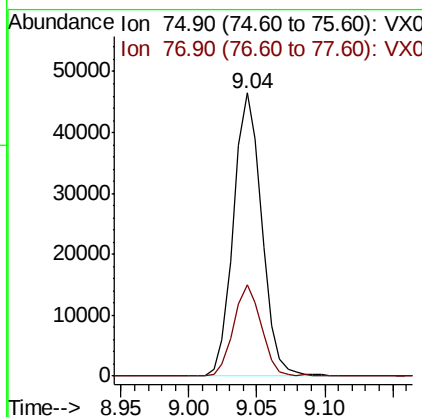
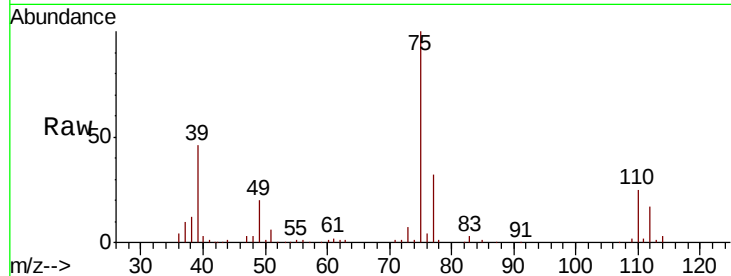




#53
 t-1,3-Dichloropropene
 Concen: 17.920 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX005300.D
 Acq: 12 Oct 2018 18:18

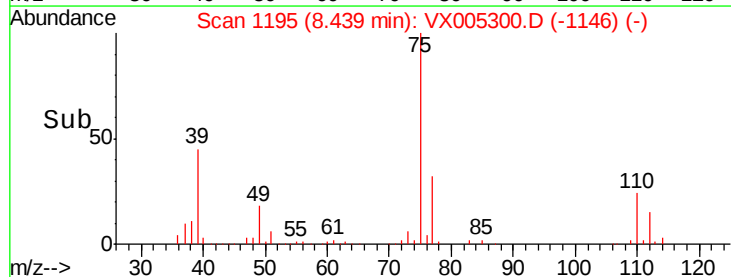
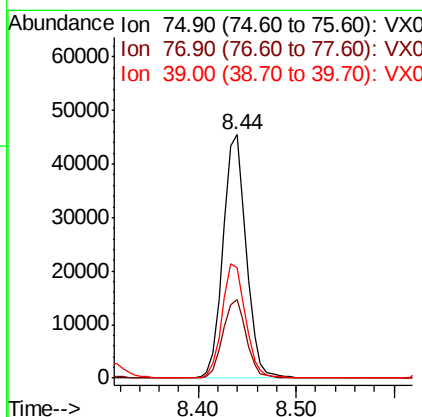
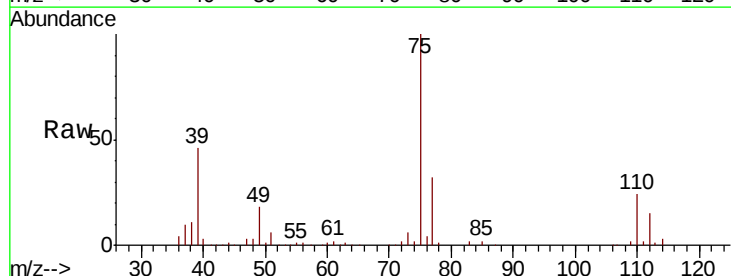
Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion: 75 Resp: 67544
 Ion Ratio Lower Upper
 75 100
 77 32.4 24.6 37.0



#54
 cis-1,3-Dichloropropene
 Concen: 18.327 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. -0.00 min
 Lab File: VX005300.D
 Acq: 12 Oct 2018 18:18

Tgt Ion: 75 Resp: 74850
 Ion Ratio Lower Upper
 75 100
 77 32.4 26.2 39.2
 39 45.3 36.4 54.6

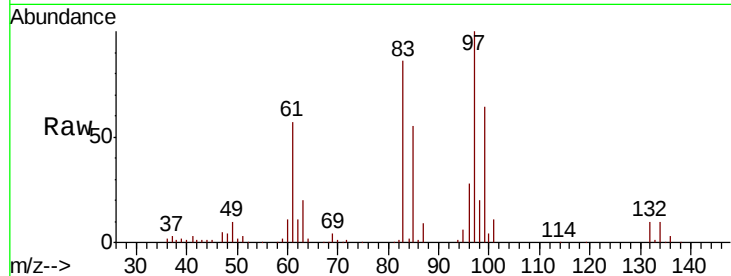




#55
 1,1,2-Trichloroethane
 Concen: 18.752 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: VX005300.D
 Acq: 12 Oct 2018 18:18

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:	97	Resp:	50538
Ion	Ratio	Lower	Upper
97	100		
83	85.8	66.4	99.6
85	55.4	43.3	64.9
99	63.6	49.0	73.4



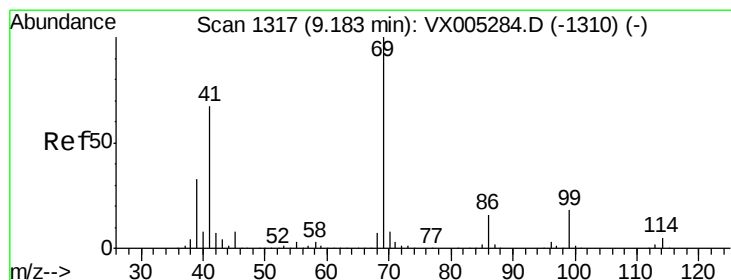
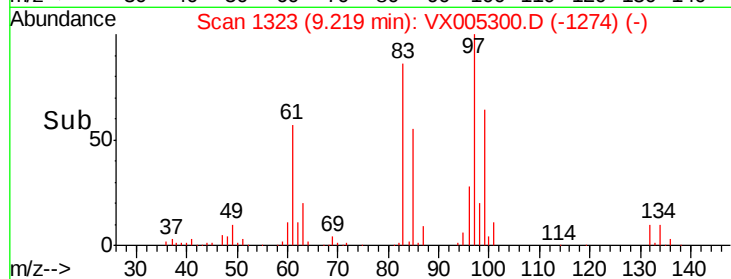
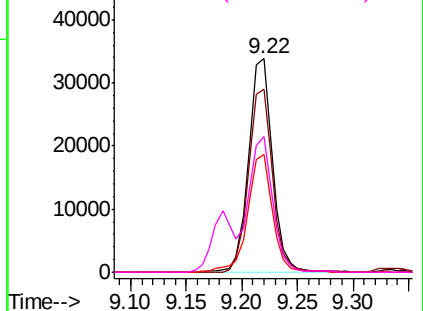
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

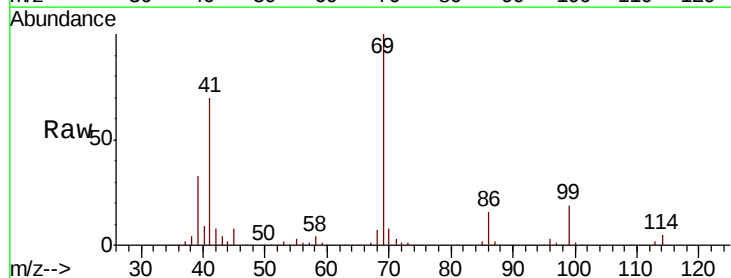
Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56
 Ethyl methacrylate
 Concen: 18.629 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX005300.D
 Acq: 12 Oct 2018 18:18

Tgt Ion:	69	Resp:	73189
Ion	Ratio	Lower	Upper
69	100		
41	69.3	51.0	76.4
39	33.7	26.1	39.1

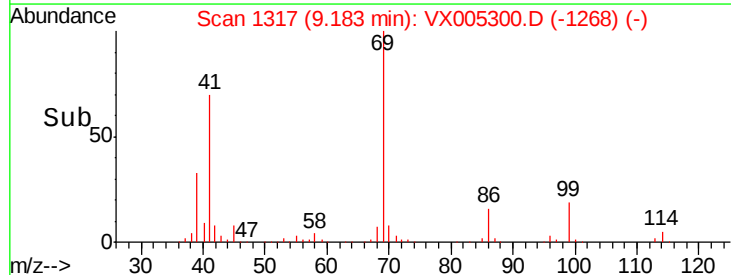
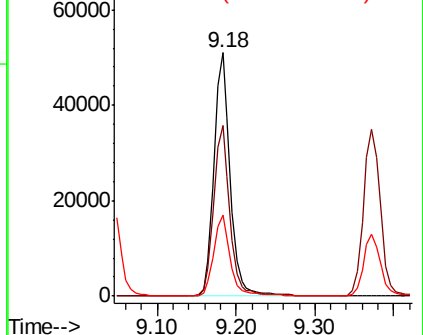


Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 18.395 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX005300.D

Acq: 12 Oct 2018 18:18

Instrument :

MSVOA_X

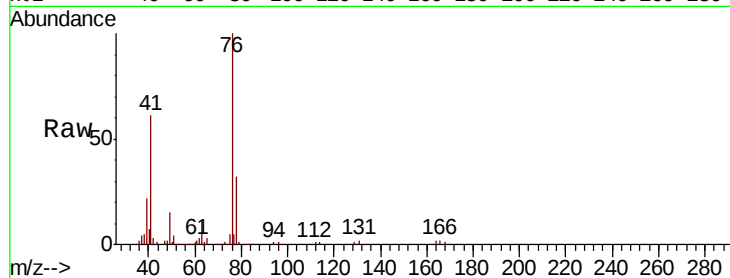
ClientSampleId :

Tot Ion: 76 Resp: 82743

Ion Ratio Lower Upper

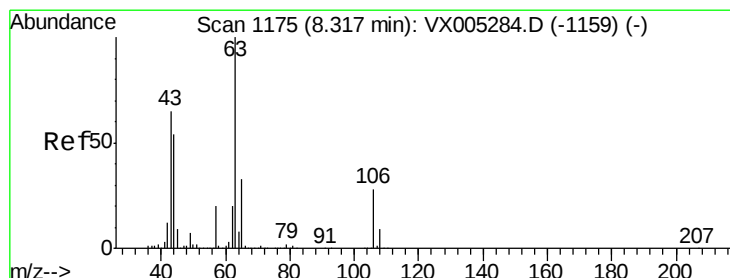
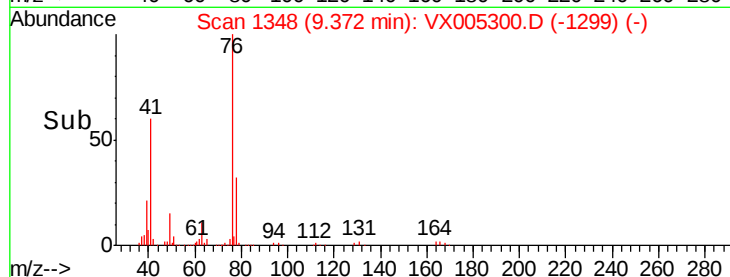
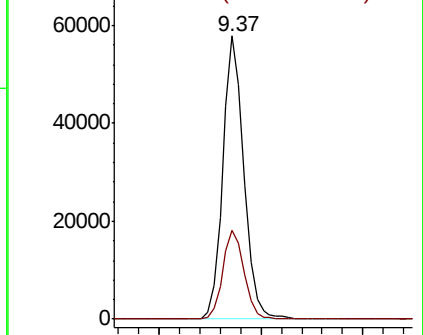
76 100

78 32.2 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 95.885 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. -0.00 min

Lab File: VX005300.D

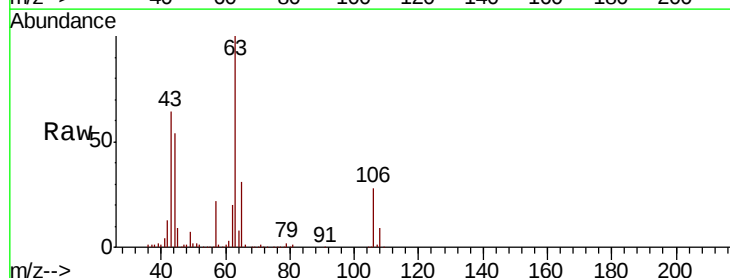
Acq: 12 Oct 2018 18:18

Tgt Ion: 63 Resp: 211268

Ion Ratio Lower Upper

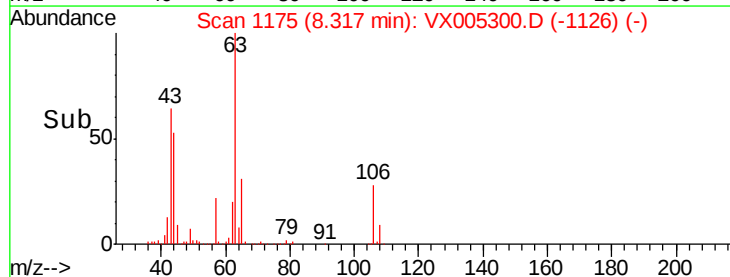
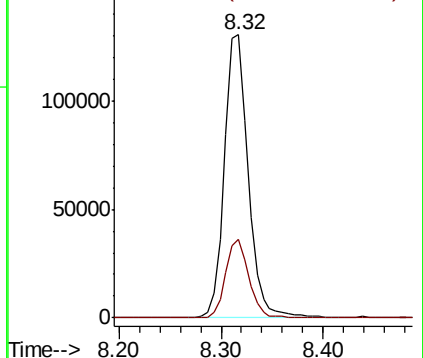
63 100

106 27.3 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

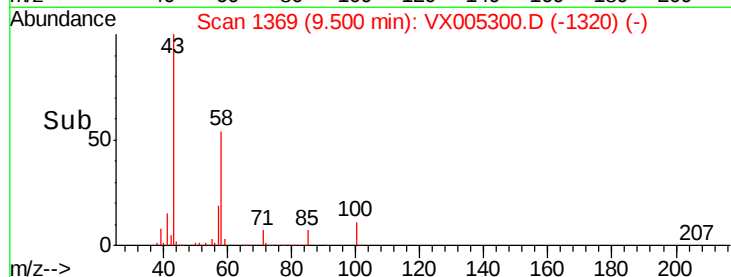
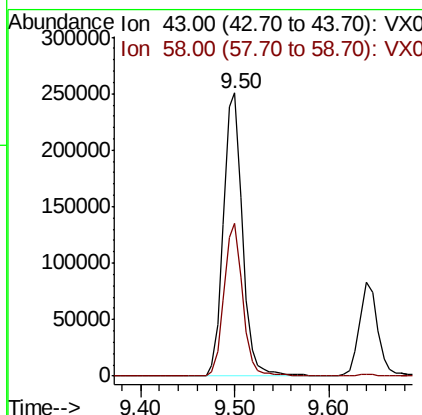
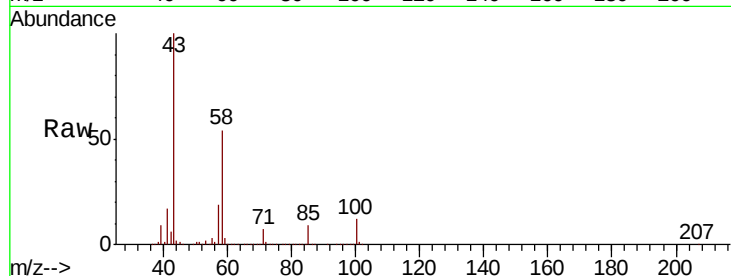




#59
2-Hexanone
Concen: 95.186 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX005300.D
Acq: 12 Oct 2018 18:18

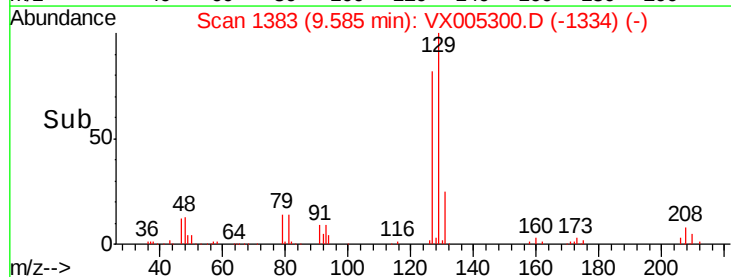
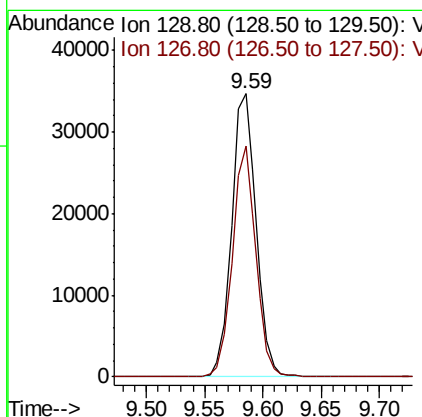
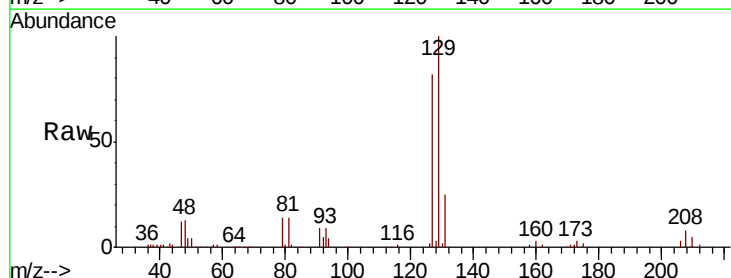
Instrument :
MSVOA_X
ClientSampled :

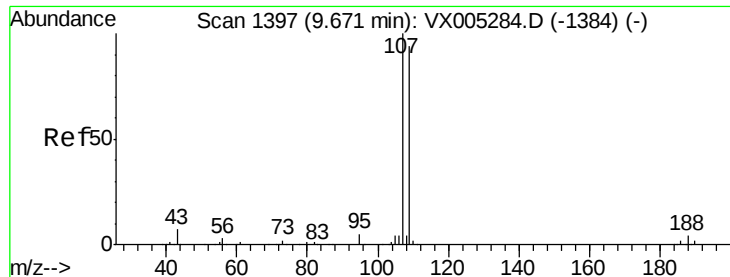
Tot Ion: 43 Resp: 352128
Ion Ratio Lower Upper
43 100
58 52.8 29.0 87.0



#60
Dibromochloromethane
Concen: 18.227 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005300.D
Acq: 12 Oct 2018 18:18

Tgt Ion: 129 Resp: 50775
Ion Ratio Lower Upper
129 100
127 78.1 38.5 115.5





#61

1,2-Dibromoethane

Concen: 18.742 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX005300.D

Acq: 12 Oct 2018 18:18

Instrument :

MSVOA_X

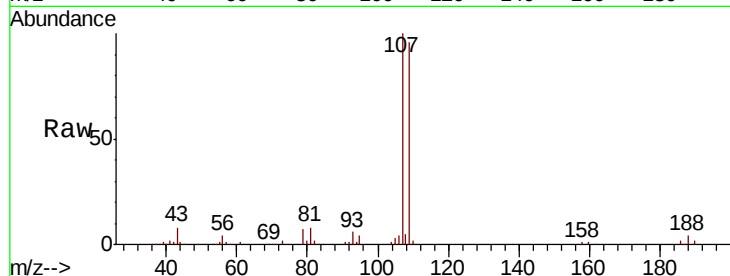
ClientSampleId :

Tot Ion:107 Resp: 53009

Ion Ratio Lower Upper

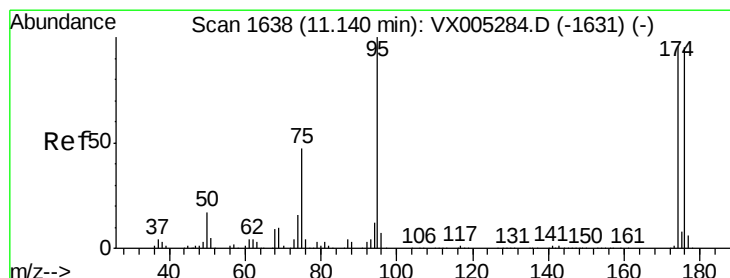
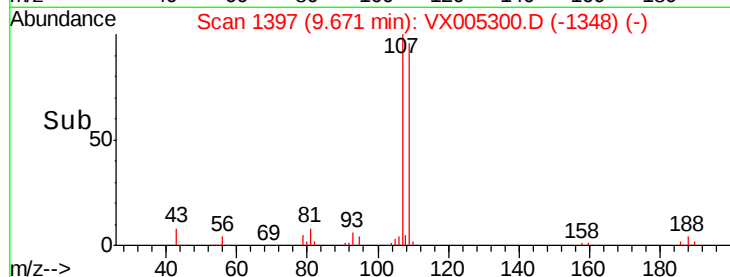
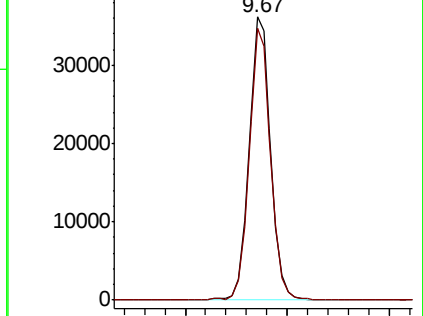
107 100

109 95.4 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.674 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005300.D

Acq: 12 Oct 2018 18:18

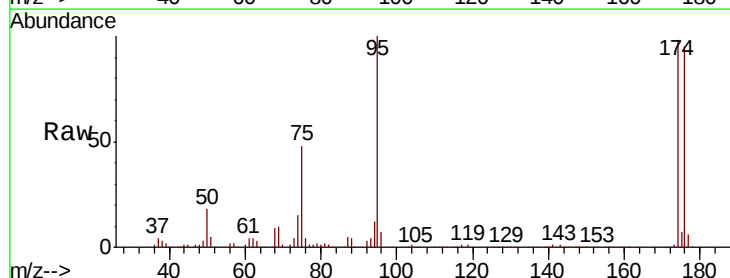
Tgt Ion: 95 Resp: 159599

Ion Ratio Lower Upper

95 100

174 94.5 0.0 185.2

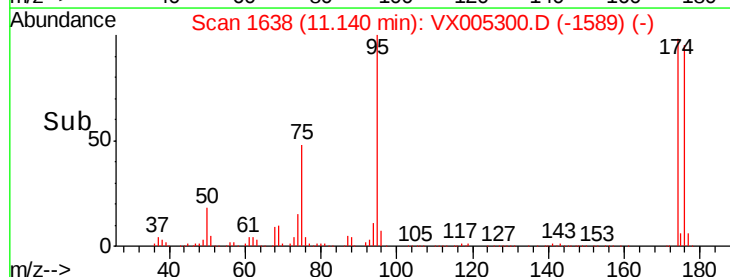
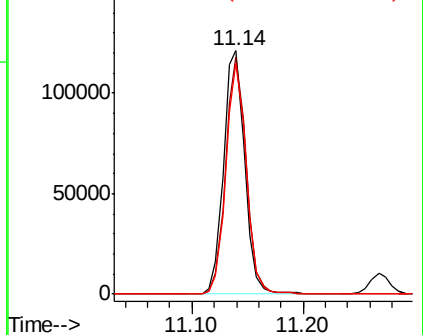
176 91.3 0.0 178.6



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

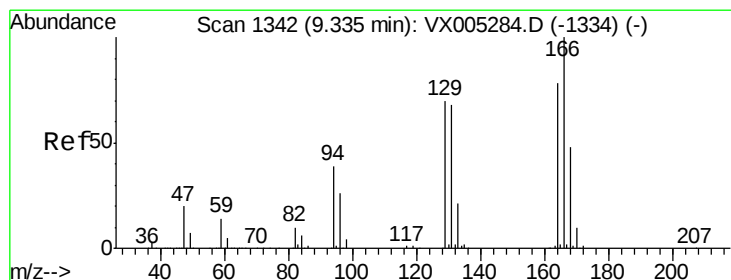
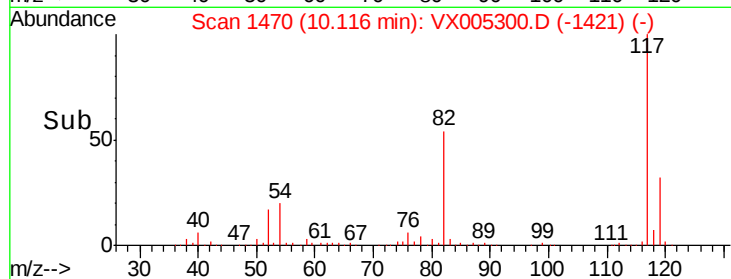
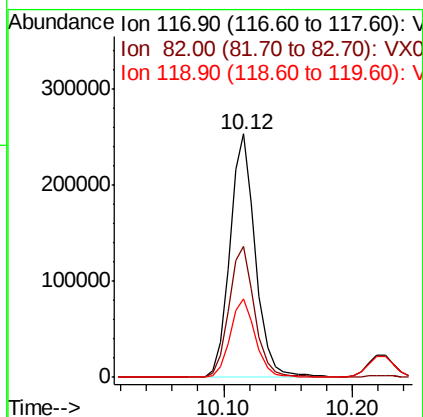
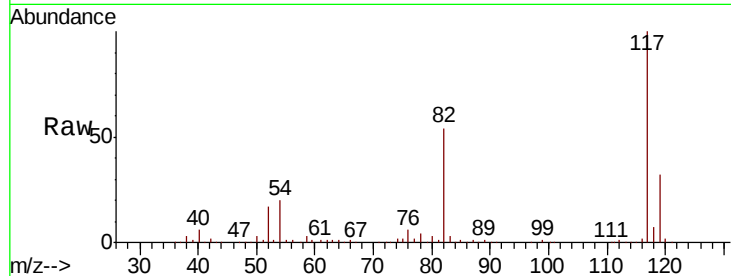




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005300.D
Acq: 12 Oct 2018 18:18

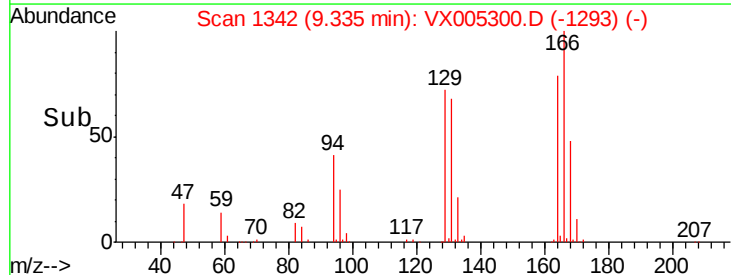
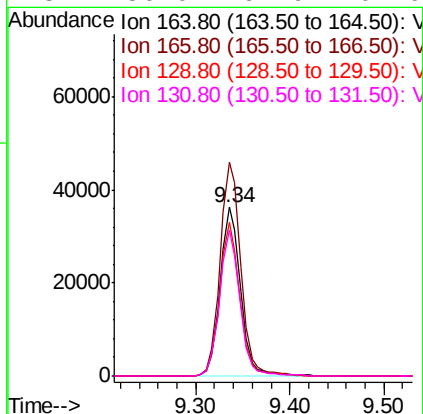
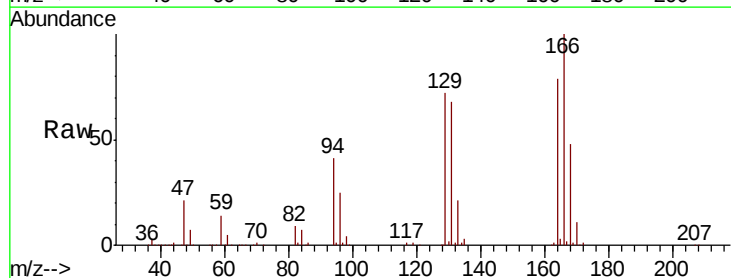
Instrument :
MSVOA_X
ClientSampleId :

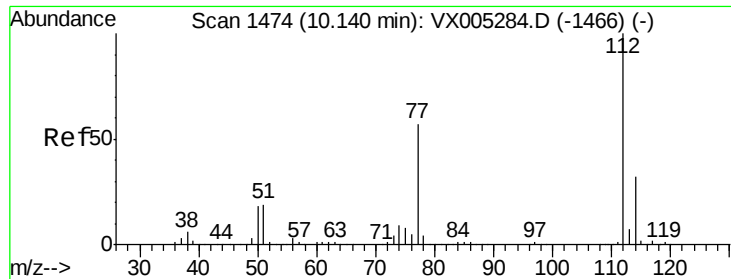
Tot Ion:117 Resp: 348789
Ion Ratio Lower Upper
117 100
82 53.7 47.8 71.6
119 32.2 29.3 43.9



#64
Tetrachloroethene
Concen: 19.459 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005300.D
Acq: 12 Oct 2018 18:18

Tgt Ion:164 Resp: 54641
Ion Ratio Lower Upper
164 100
166 126.4 102.8 154.2
129 90.7 69.4 104.0
131 86.0 67.9 101.9





#65

Chlorobenzene

Concen: 18.697 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX005300.D

Acq: 12 Oct 2018 18:18

Instrument :

MSVOA_X

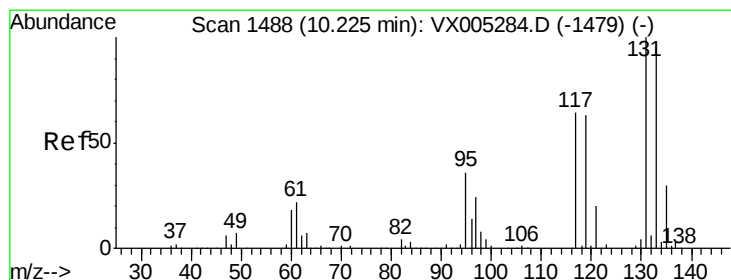
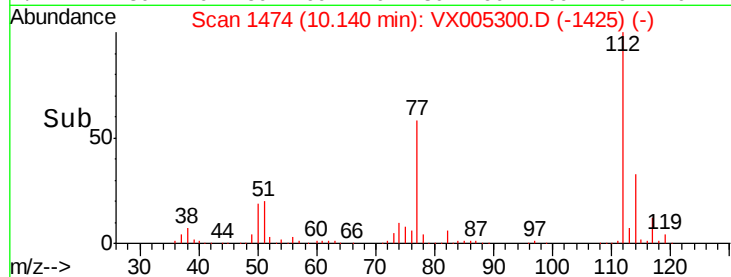
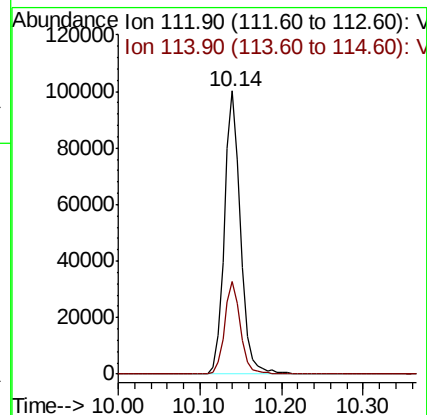
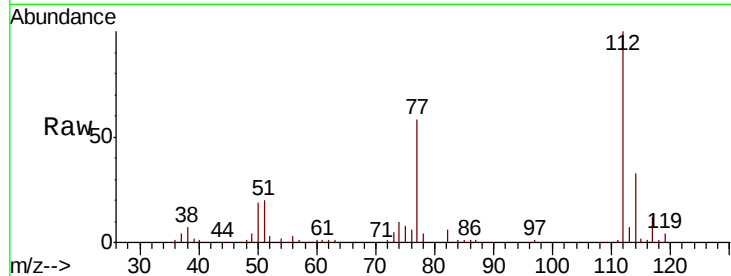
ClientSampled :

Tot Ion:112 Resp: 138715

Ion Ratio Lower Upper

112 100

114 32.7 27.8 41.8



#66

1,1,1,2-Tetrachloroethane

Concen: 18.775 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.01 min

Lab File: VX005300.D

Acq: 12 Oct 2018 18:18

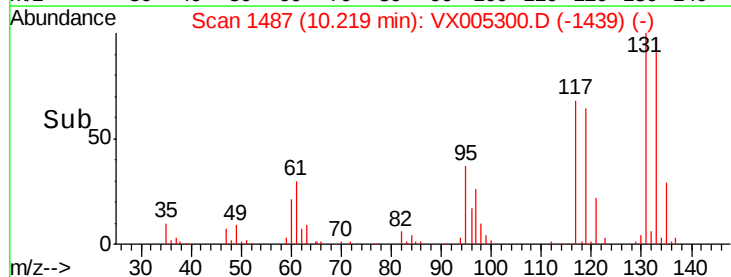
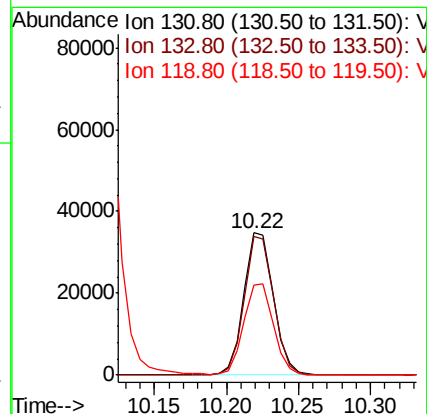
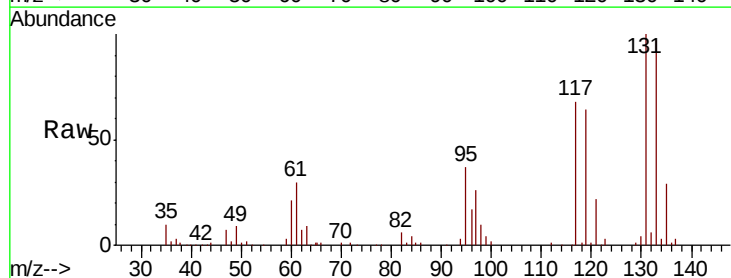
Tgt Ion:131 Resp: 49638

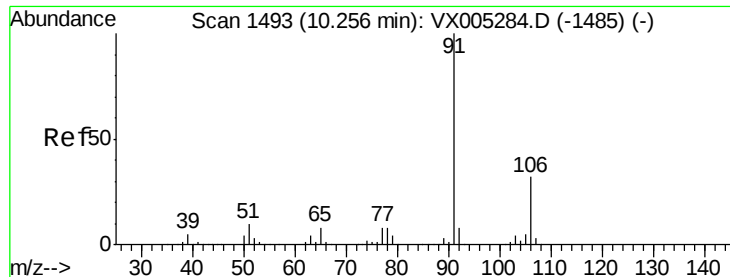
Ion Ratio Lower Upper

131 100

133 96.2 48.1 144.4

119 64.7 32.9 98.6

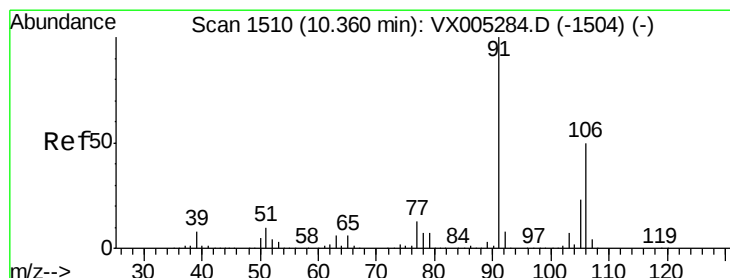
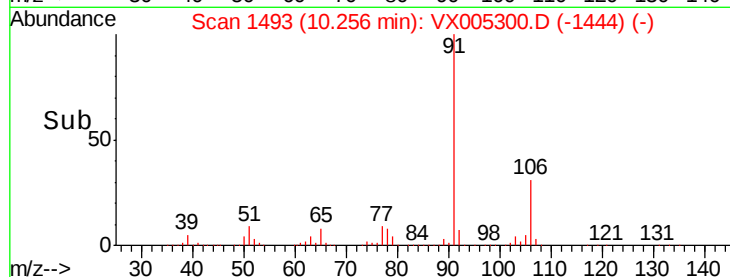
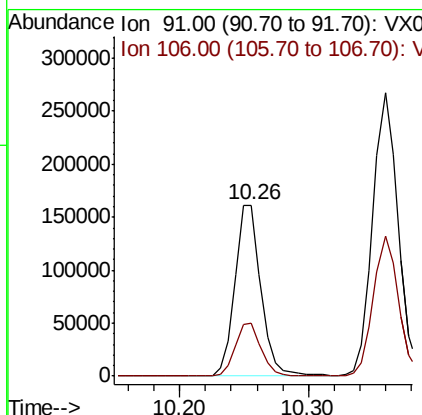
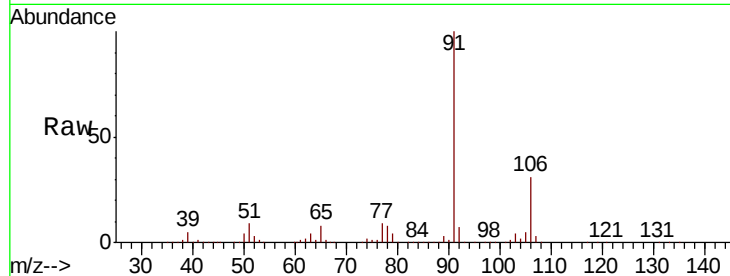




#67
Ethyl Benzene
Concen: 18.939 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VX005300.D
Acq: 12 Oct 2018 18:18

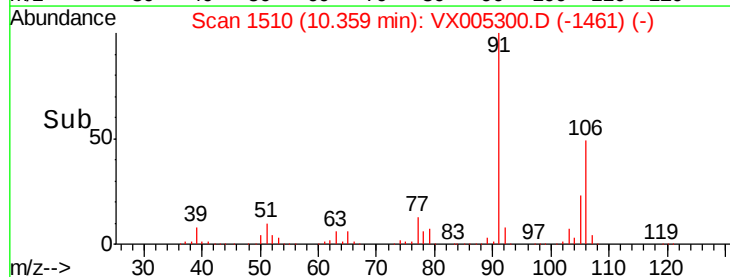
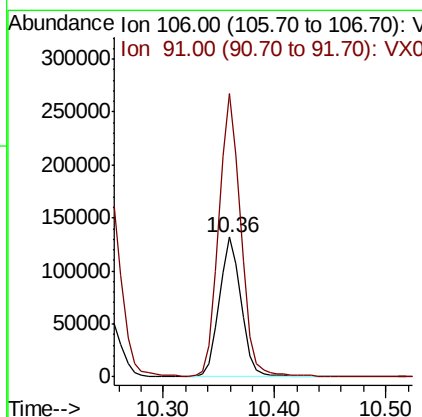
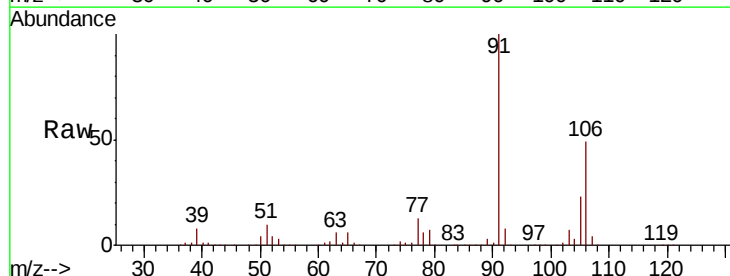
Instrument :
MSVOA_X
ClientSampleId :

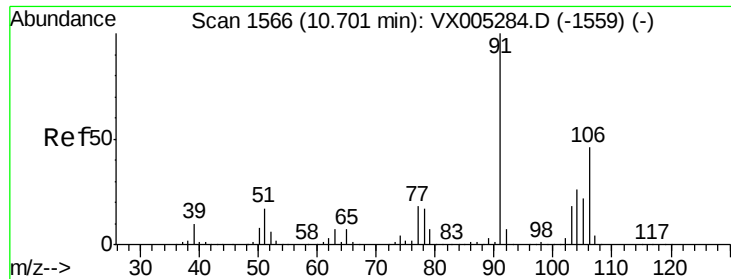
Tot Ion: 91 Resp: 228429
Ion Ratio Lower Upper
91 100
106 31.0 25.9 38.9



#68
m/p-Xylenes
Concen: 38.260 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX005300.D
Acq: 12 Oct 2018 18:18

Tgt Ion: 106 Resp: 179110
Ion Ratio Lower Upper
106 100
91 206.2 157.1 235.7

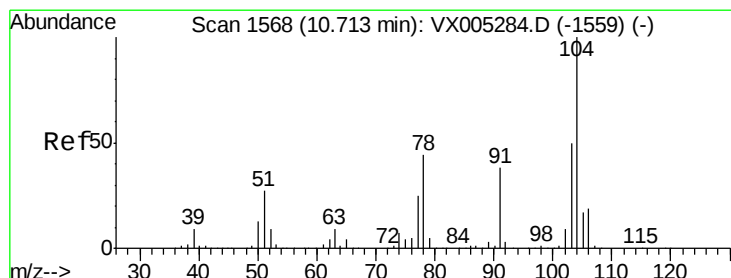
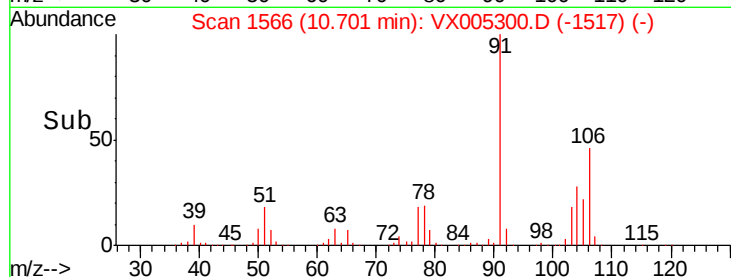
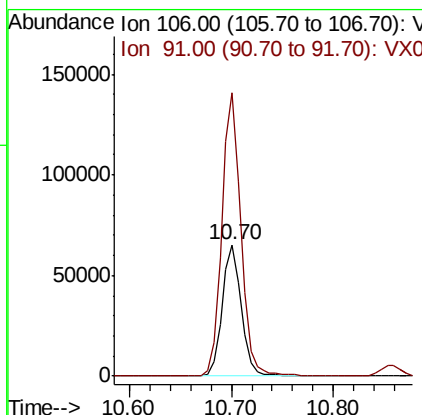
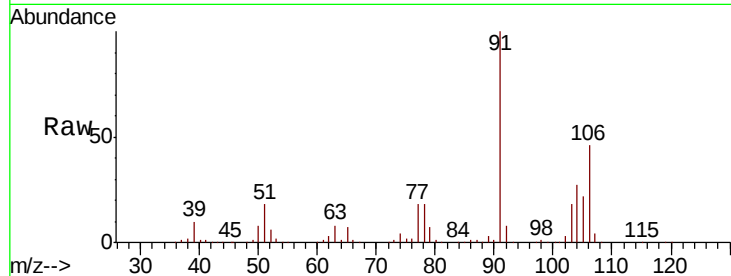




#69
o-Xylene
Concen: 18.938 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005300.D
Acq: 12 Oct 2018 18:18

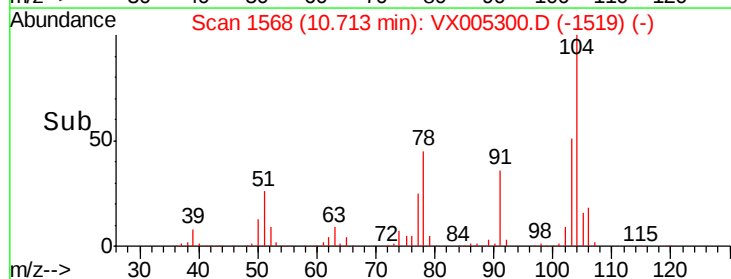
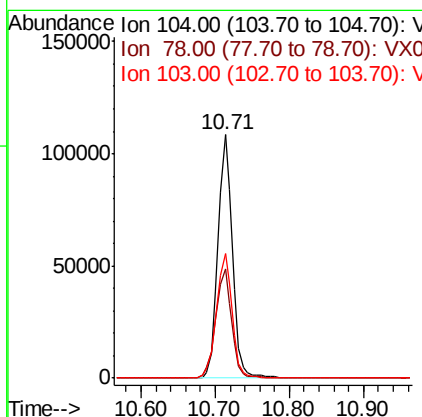
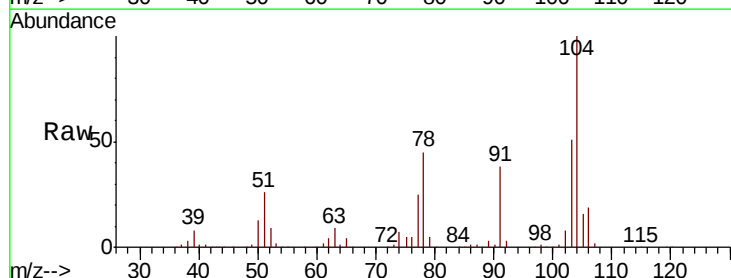
Instrument :
MSVOA_X
ClientSampleId :

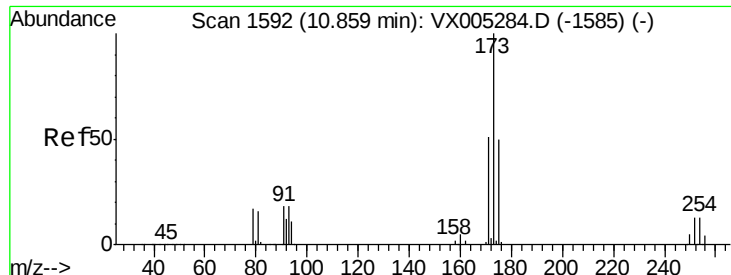
Tot Ion:106 Resp: 85501
Ion Ratio Lower Upper
106 100
91 214.9 105.1 315.1



#70
Styrene
Concen: 19.455 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005300.D
Acq: 12 Oct 2018 18:18

Tgt Ion:104 Resp: 144477
Ion Ratio Lower Upper
104 100
78 49.4 37.4 56.0
103 55.9 43.8 65.6





#71

Bromoform

Concen: 17.608 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005300.D

Acq: 12 Oct 2018 18:18

Instrument :

MSVOA_X

ClientSampleId :

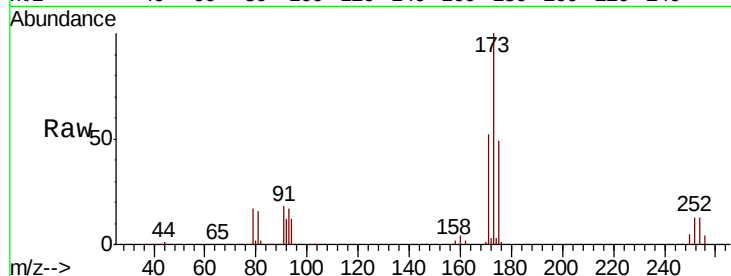
Tot Ion:173 Resp: 41602

Ion Ratio Lower Upper

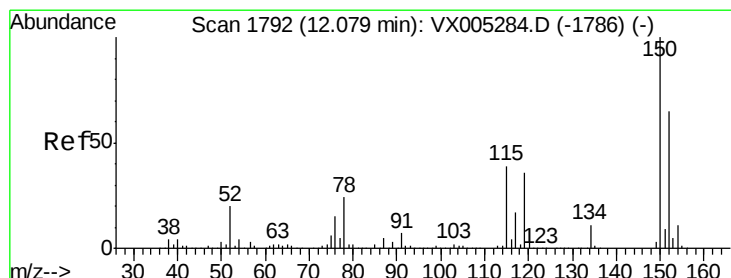
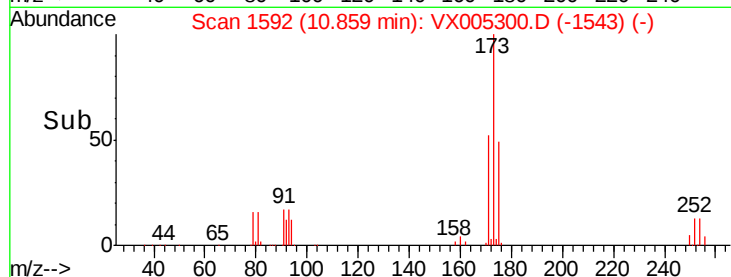
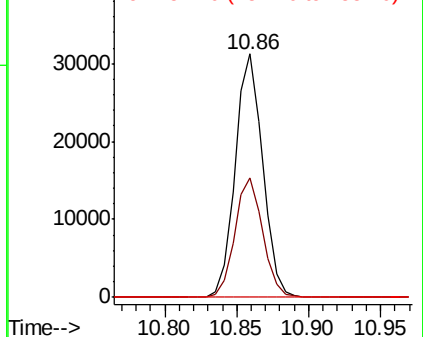
173 100

175 49.7 24.1 72.3

254 0.0 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX005300.D

Acq: 12 Oct 2018 18:18

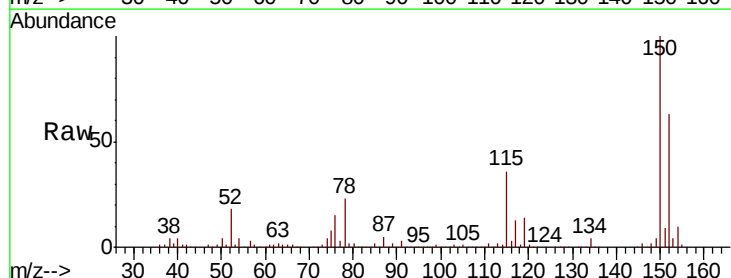
Tgt Ion:152 Resp: 194687

Ion Ratio Lower Upper

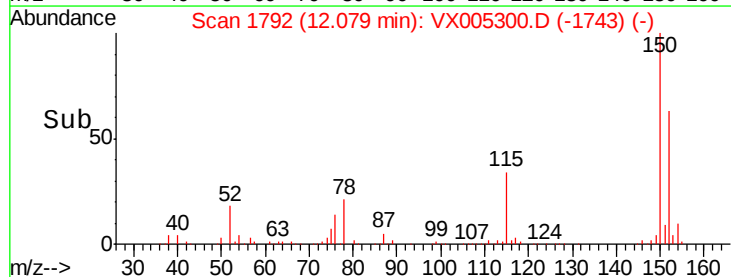
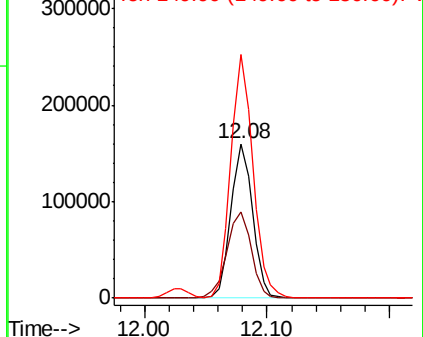
152 100

115 63.5 39.0 117.0

150 162.7 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: 20.212 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005300.D

Acq: 12 Oct 2018 18:18

Instrument :

MSVOA_X

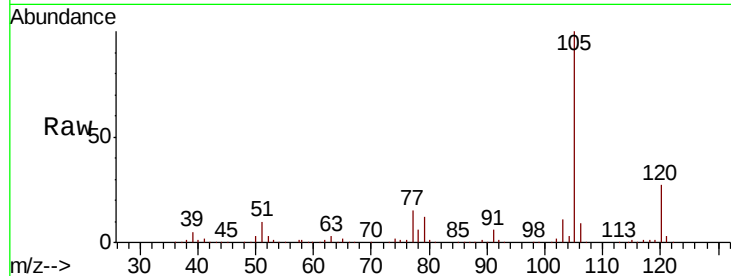
ClientSampleId :

Tot Ion:105 Resp: 233926

Ion Ratio Lower Upper

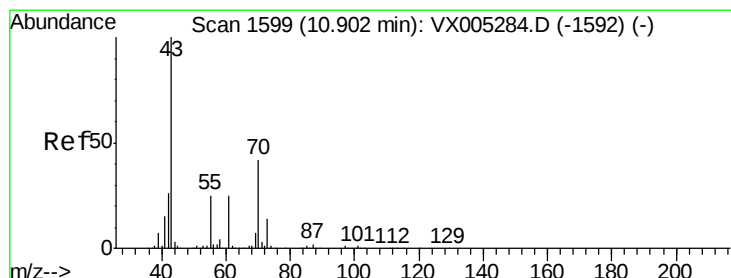
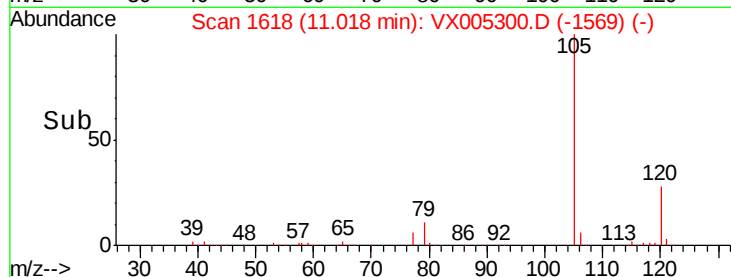
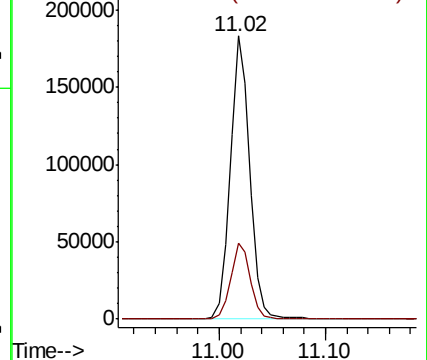
105 100

120 27.2 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.095 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. -0.00 min

Lab File: VX005300.D

Acq: 12 Oct 2018 18:18

Tgt Ion: 43 Resp: 106592

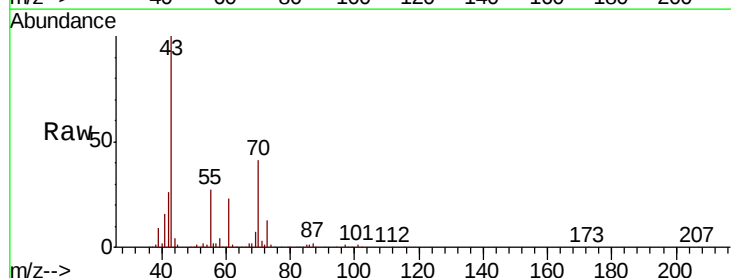
Ion Ratio Lower Upper

43 100

70 41.5 37.4 56.0

55 26.9 21.8 32.8

61 22.8 20.6 30.8

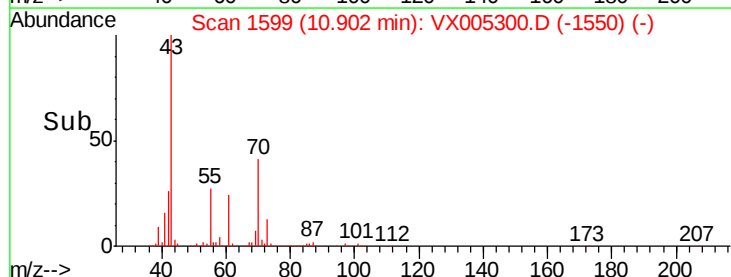
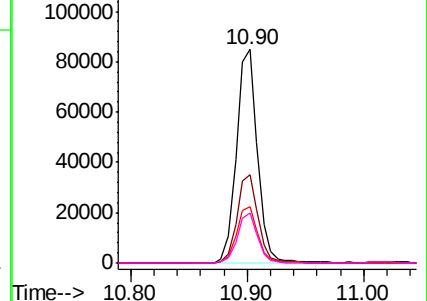


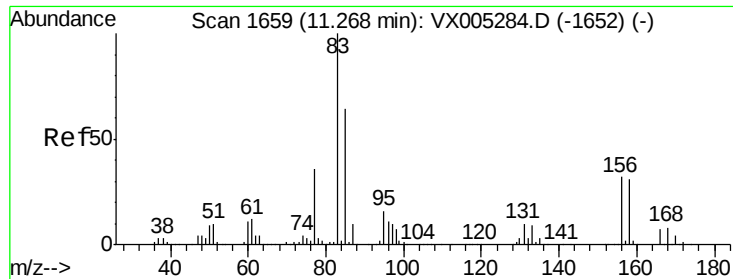
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 19.092 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005300.D

Acq: 12 Oct 2018 18:18

Instrument :

MSVOA_X

ClientSampleId :

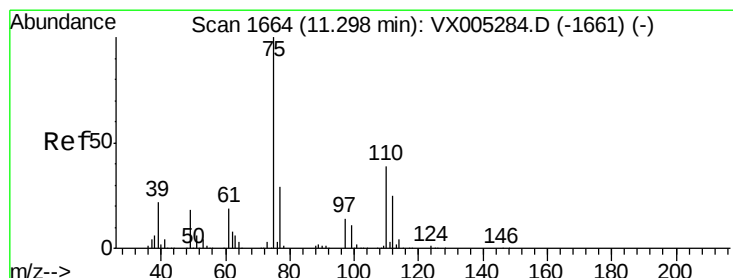
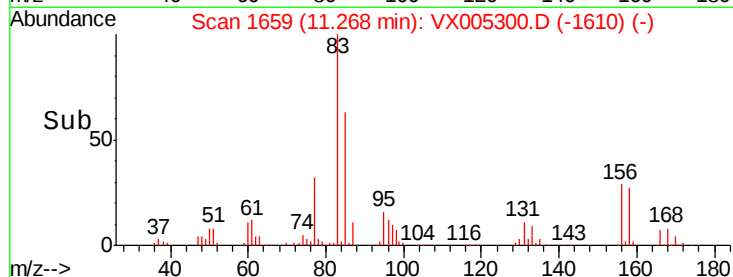
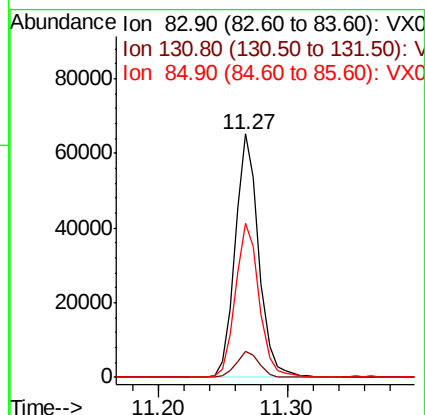
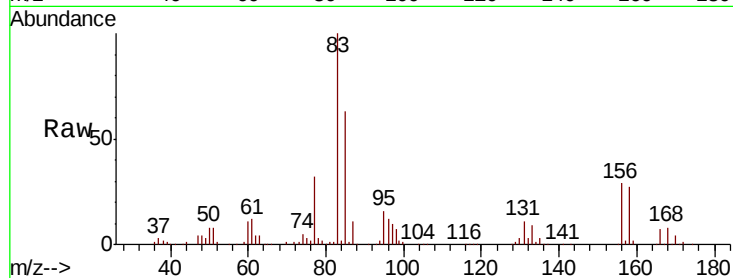
Tot Ion: 83 Resp: 83353

Ion Ratio Lower Upper

83 100

131 10.6 5.2 15.6

85 64.0 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 24.846 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX005300.D

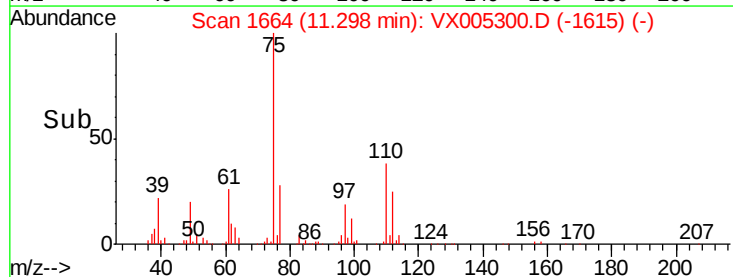
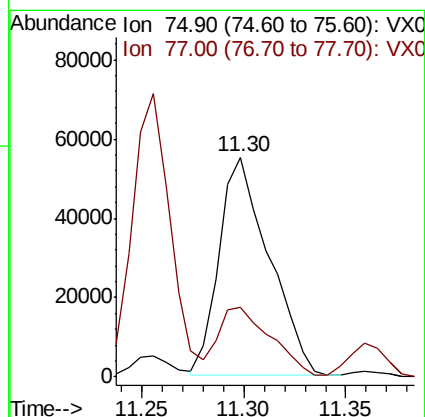
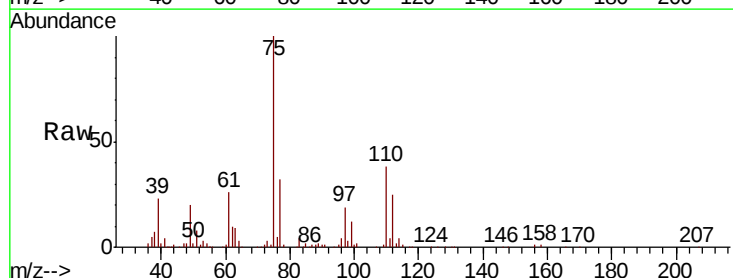
Acq: 12 Oct 2018 18:18

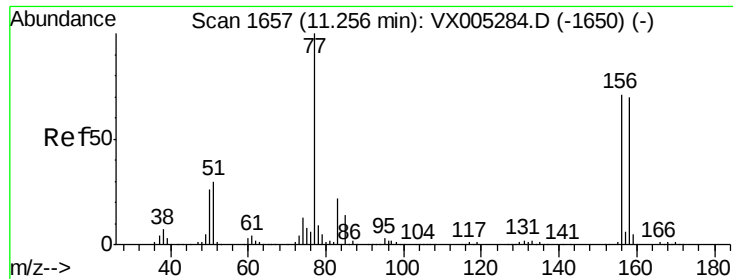
Tgt Ion: 75 Resp: 93827

Ion Ratio Lower Upper

75 100

77 33.1 20.2 60.6





#77

Bromobenzene

Concen: 19.634 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005300.D

Acq: 12 Oct 2018 18:18

Instrument :

MSVOA_X

ClientSampleId :

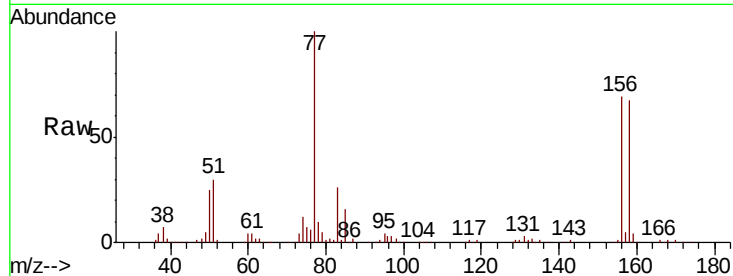
Tot Ion:156 Resp: 64973

Ion Ratio Lower Upper

156 100

77 143.4 71.5 214.3

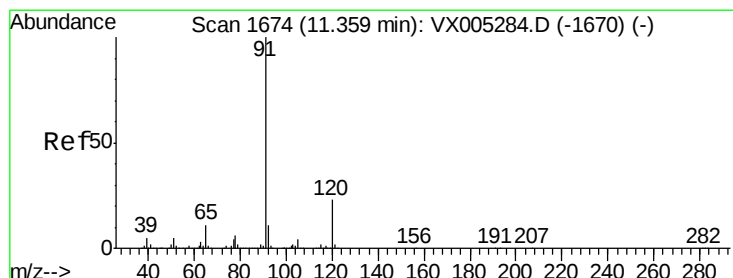
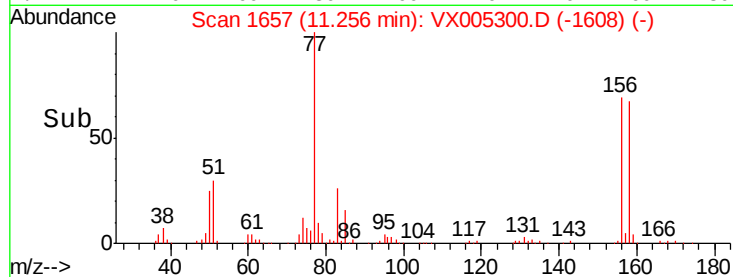
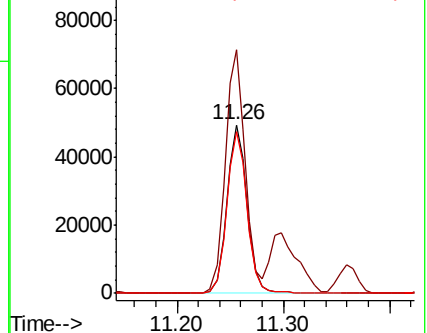
158 96.4 48.9 146.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.160 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005300.D

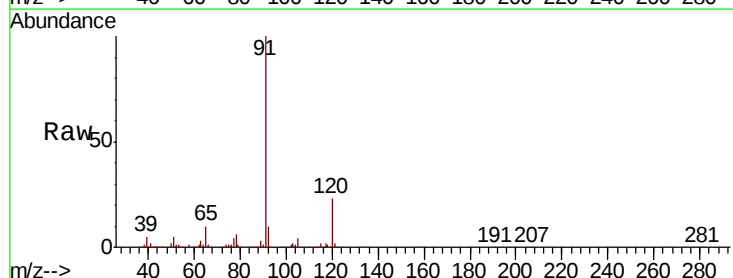
Acq: 12 Oct 2018 18:18

Tgt Ion: 91 Resp: 268489

Ion Ratio Lower Upper

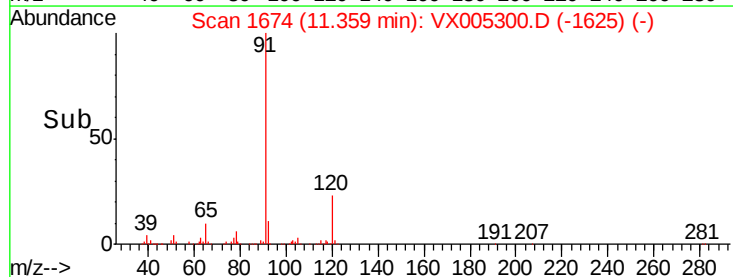
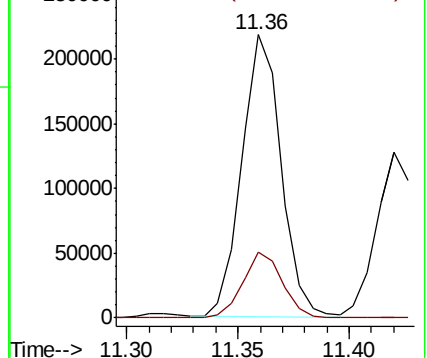
91 100

120 23.6 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.764 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX005300.D

Acq: 12 Oct 2018 18:18

Instrument :

MSVOA_X

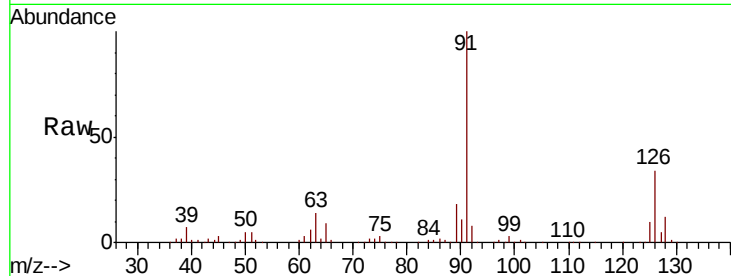
ClientSampleId :

Tot Ion: 91 Resp: 161205

Ion Ratio Lower Upper

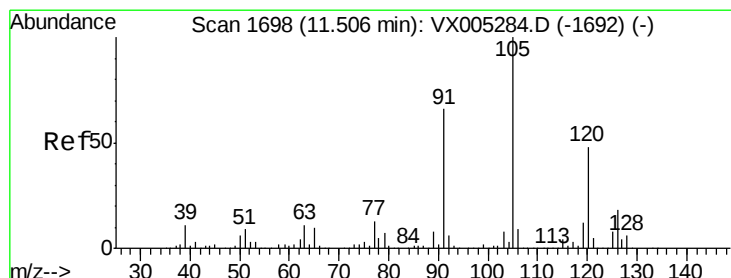
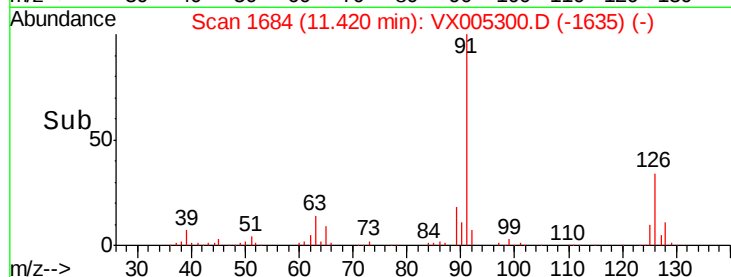
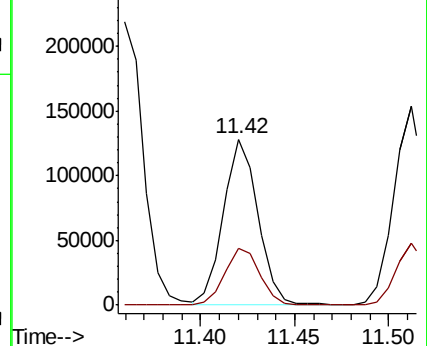
91 100

126 35.6 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.282 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX005300.D

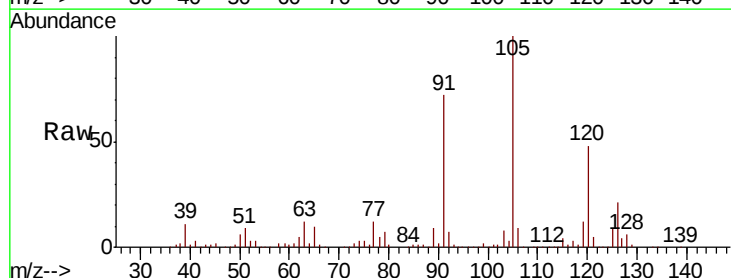
Acq: 12 Oct 2018 18:18

Tgt Ion:105 Resp: 201015

Ion Ratio Lower Upper

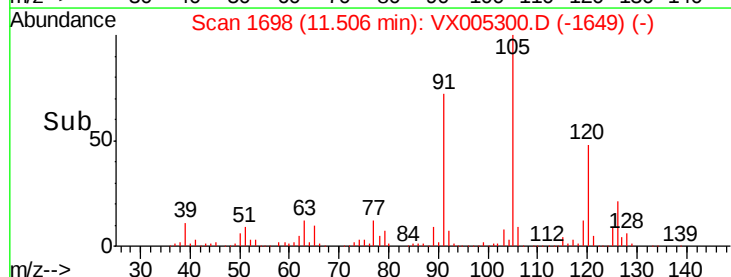
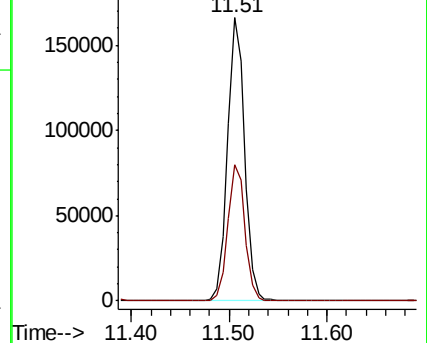
105 100

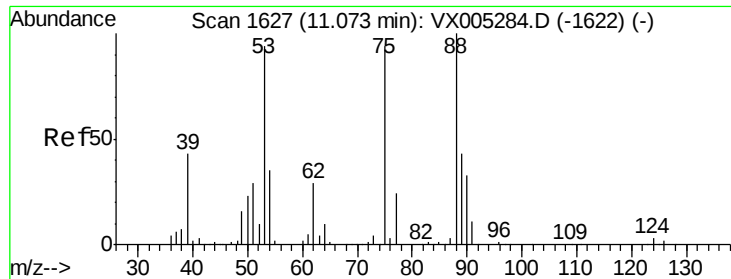
120 48.4 25.6 76.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 17.460 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX005300.D

Acq: 12 Oct 2018 18:18

Instrument :

MSVOA_X

ClientSampleId :

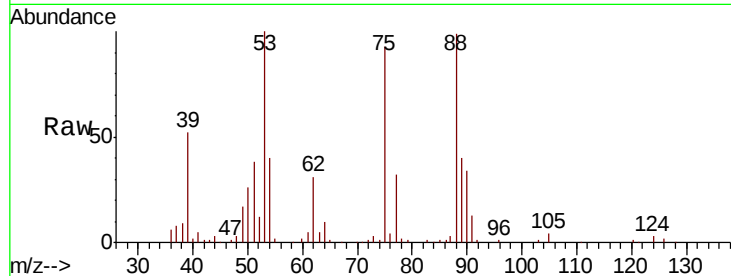
Tot Ion: 75 Resp: 21700

Ion Ratio Lower Upper

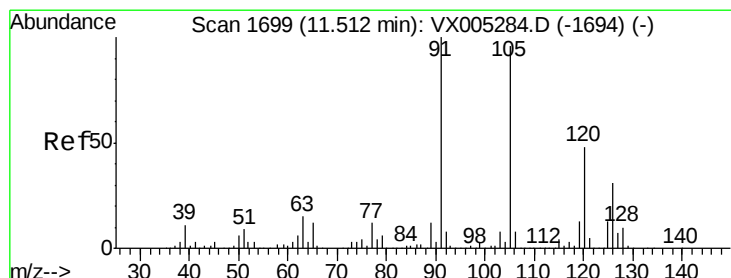
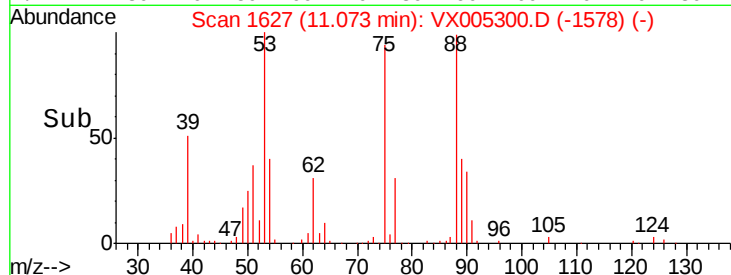
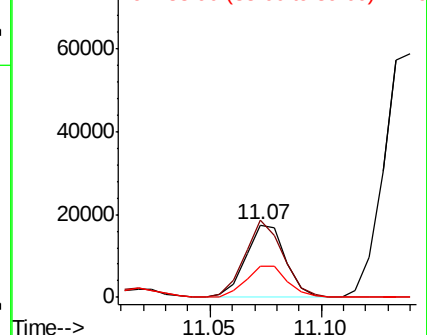
75 100

53 102.5 80.1 120.1

89 45.0 37.2 55.8



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 19.811 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX005300.D

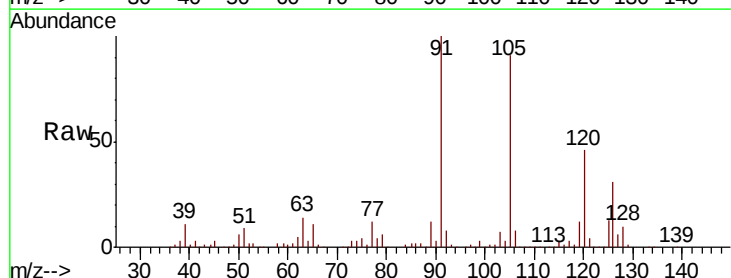
Acq: 12 Oct 2018 18:18

Tgt Ion: 91 Resp: 191550

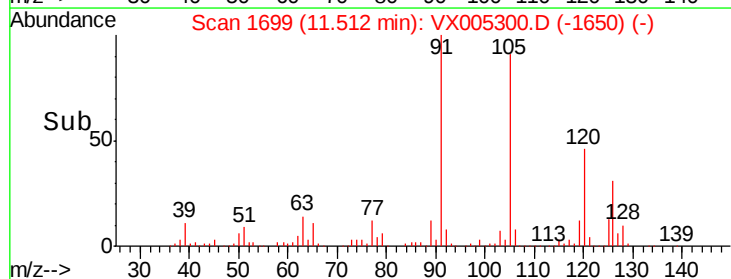
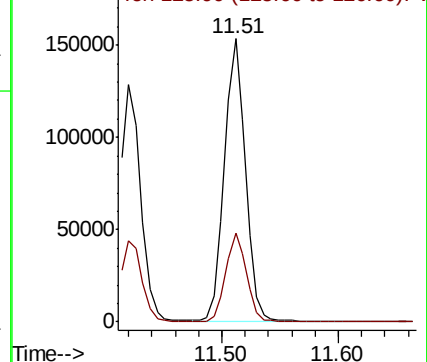
Ion Ratio Lower Upper

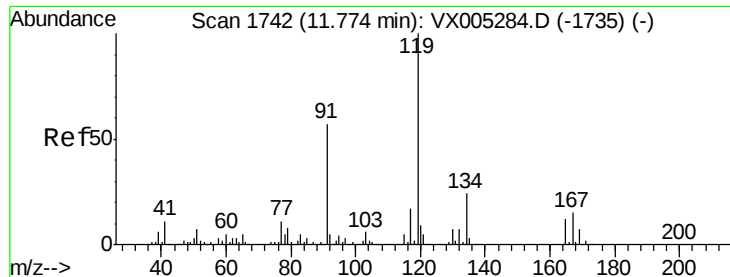
91 100

126 31.1 15.5 46.5



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 19.432 ug/l

RT: 11.77 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX005300.D

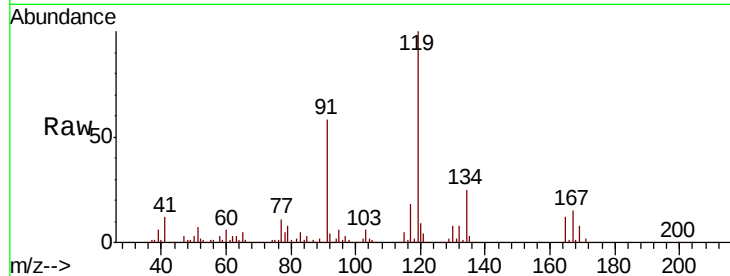
Acq: 12 Oct 2018 18:18

Instrument :

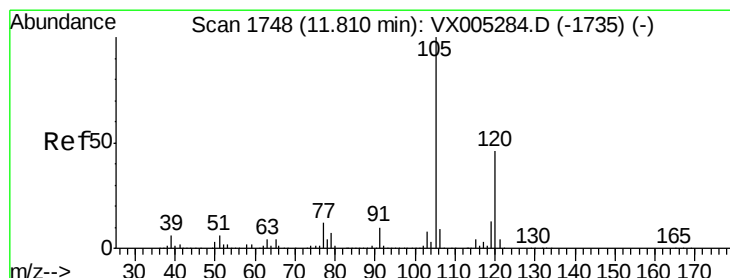
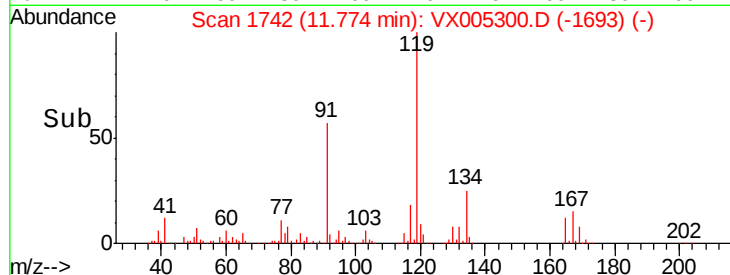
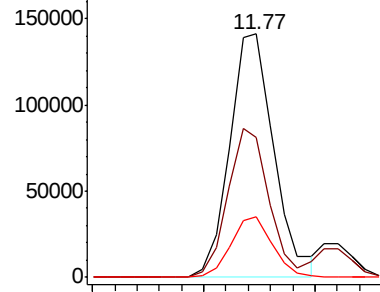
MSVOA_X

ClientSampleId :

Tot Ion:	119	Resp:	195030
Ion	Ratio	Lower	Upper
119	100		
91	56.6	27.0	81.0
134	23.4	11.7	35.1



Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX0
Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.200 ug/l

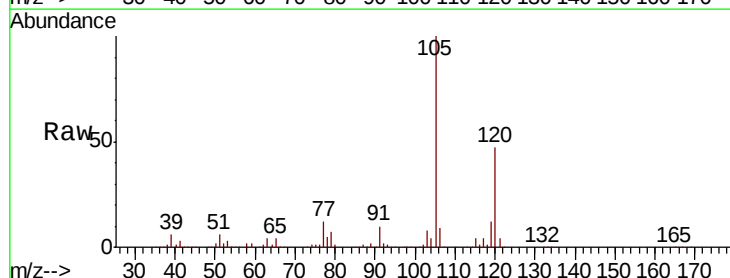
RT: 11.81 min Scan# 1748

Delta R.T. -0.00 min

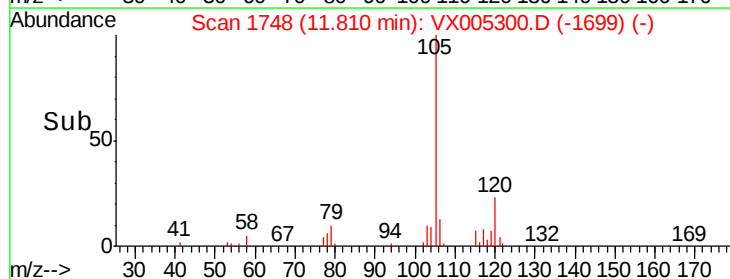
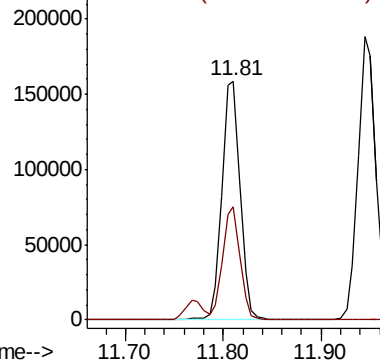
Lab File: VX005300.D

Acq: 12 Oct 2018 18:18

Tgt Ion:	105	Resp:	206025
Ion	Ratio	Lower	Upper
105	100		
120	45.0	23.2	69.6



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.052 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX005300.D

Acq: 12 Oct 2018 18:18

Instrument :

MSVOA_X

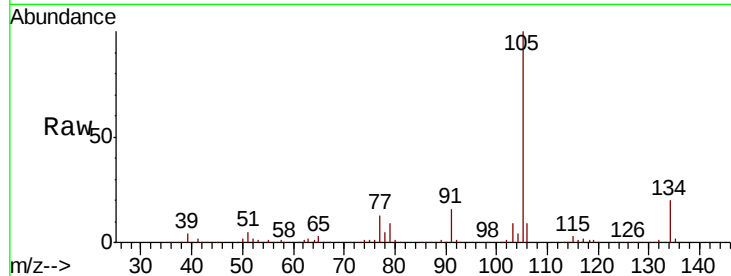
ClientSampleId :

Tot Ion:105 Resp: 238158

Ion Ratio Lower Upper

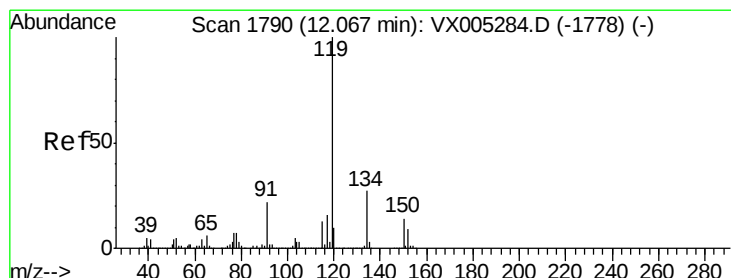
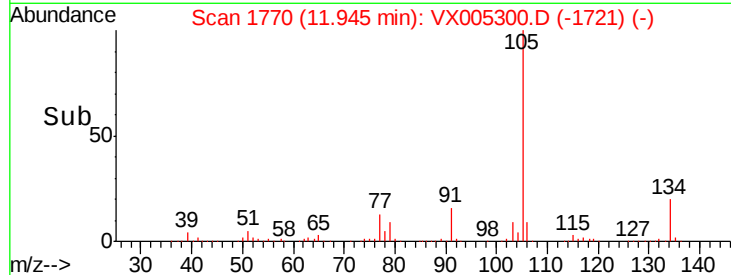
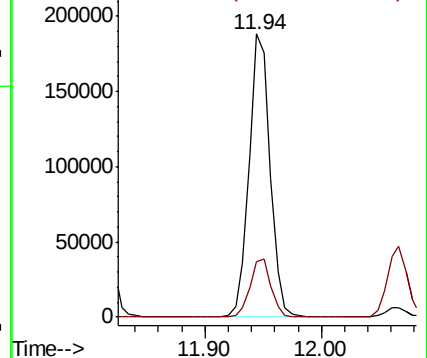
105 100

134 20.5 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.877 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX005300.D

Acq: 12 Oct 2018 18:18

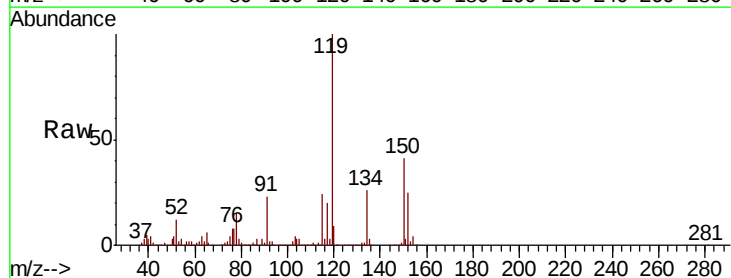
Tgt Ion:119 Resp: 213378

Ion Ratio Lower Upper

119 100

134 26.6 13.4 40.2

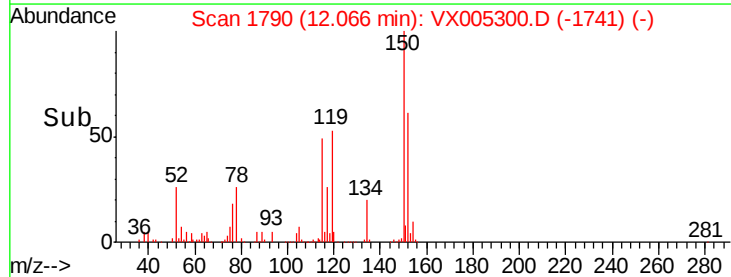
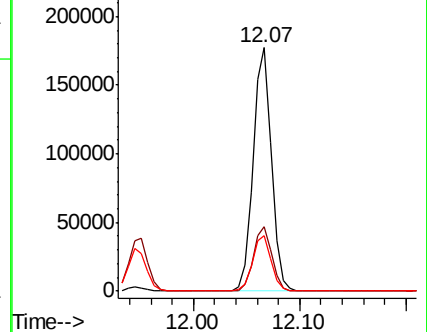
91 23.2 10.9 32.7

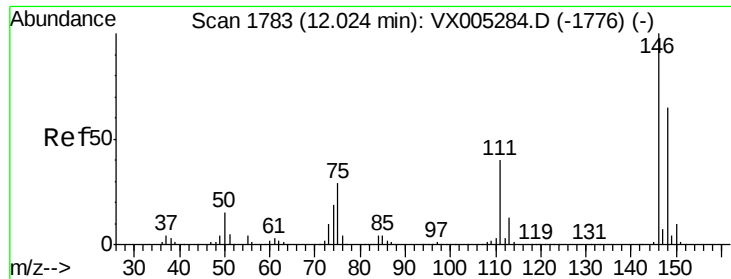


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

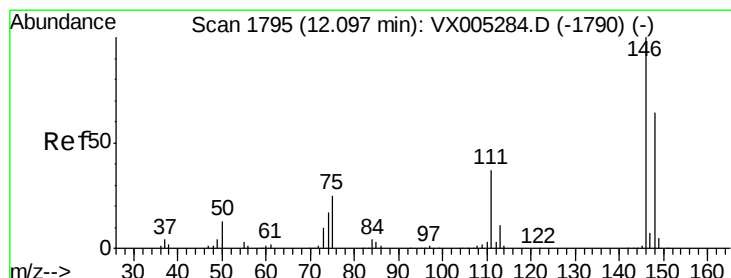
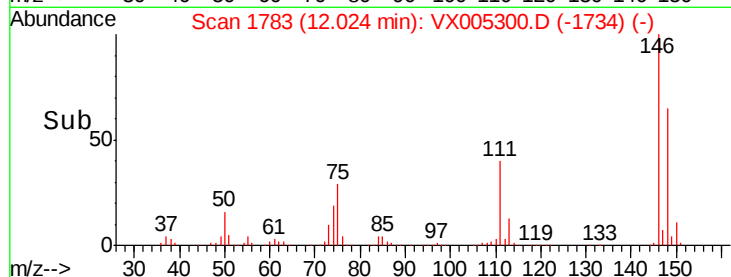
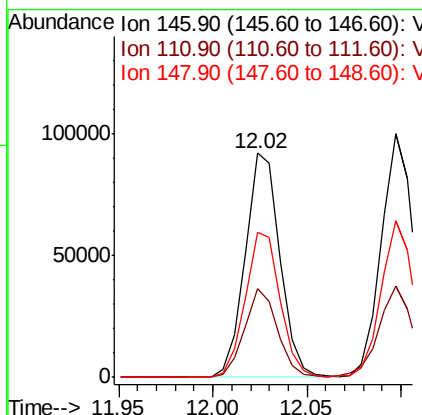
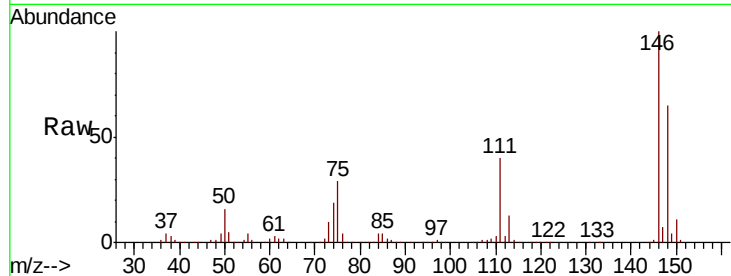




#87
 1,3-Dichlorobenzene
 Concen: 19.059 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX005300.D
 Acq: 12 Oct 2018 18:18

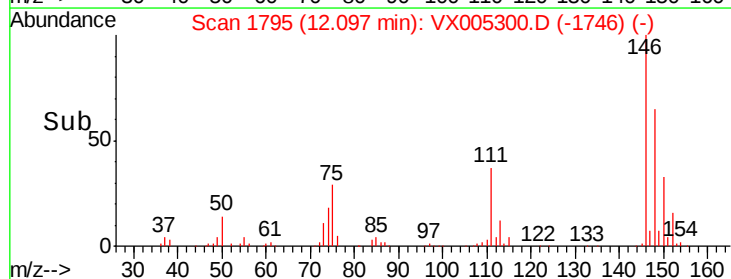
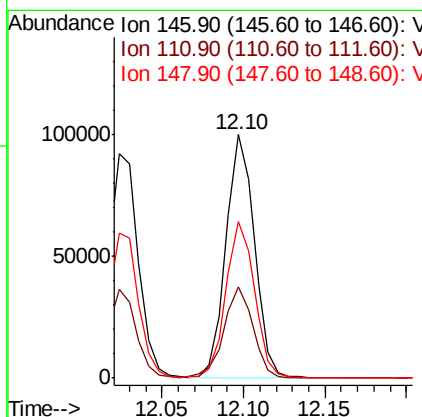
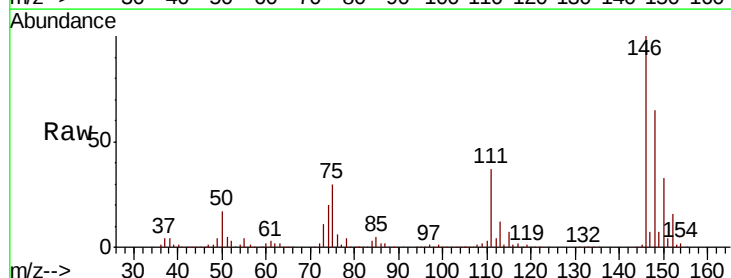
Instrument :
 MSVOA_X
 ClientSampleID :

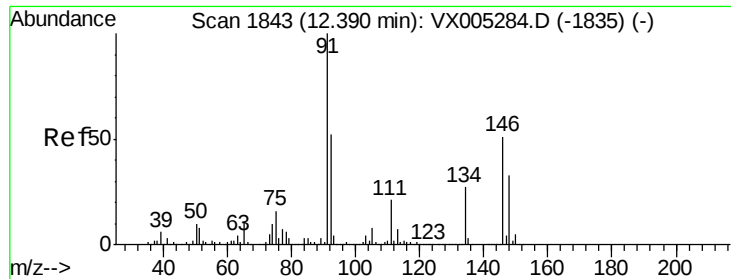
Tot Ion:146 Resp: 117856
 Ion Ratio Lower Upper
 146 100
 111 37.7 18.7 56.1
 148 64.7 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 19.185 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005300.D
 Acq: 12 Oct 2018 18:18

Tgt Ion:146 Resp: 121360
 Ion Ratio Lower Upper
 146 100
 111 38.6 18.1 54.1
 148 65.1 32.0 96.0

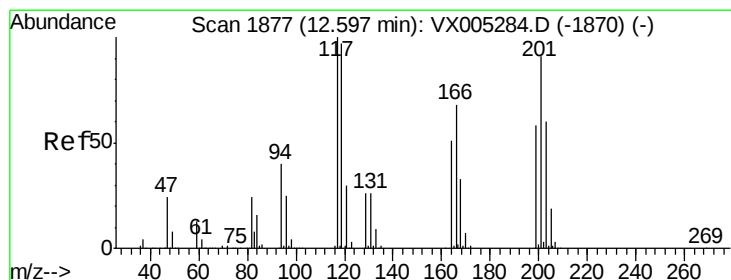
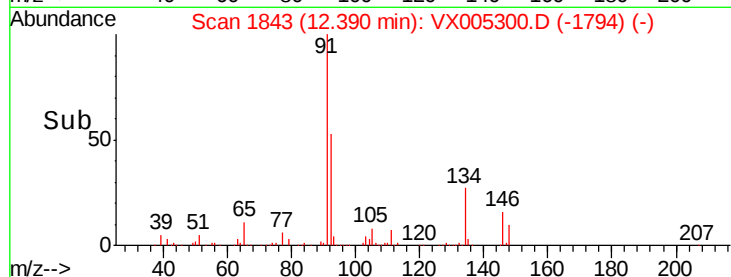
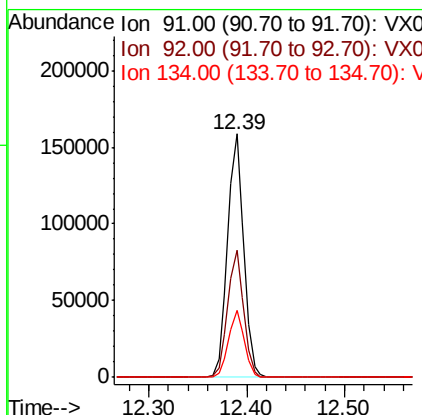
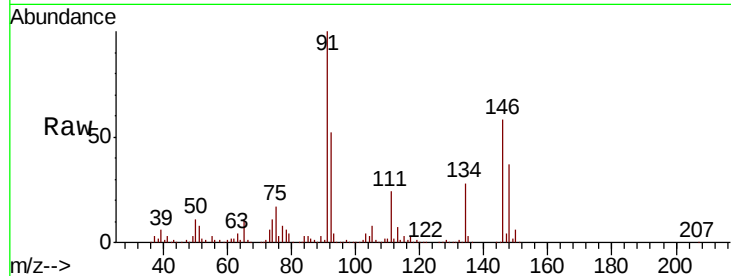




#89
n-Butylbenzene
Concen: 18.760 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005300.D
Acq: 12 Oct 2018 18:18

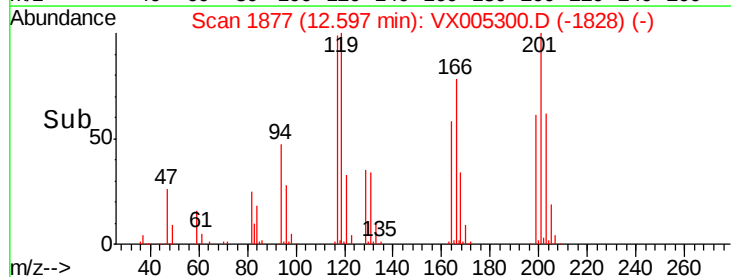
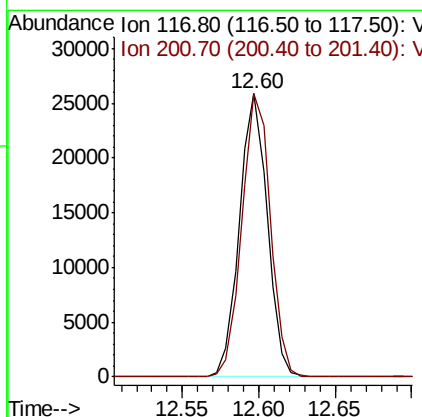
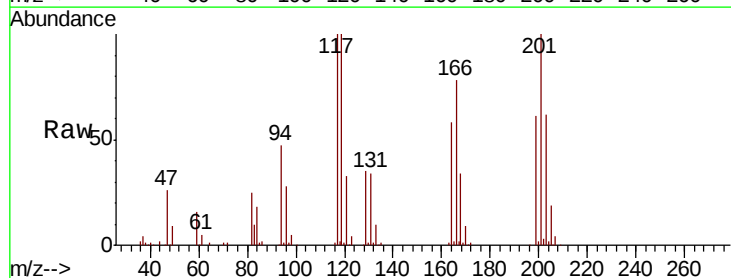
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 91 Resp: 182855
Ion Ratio Lower Upper
91 100
92 51.6 27.3 81.9
134 26.8 13.6 40.7



#90
Hexachloroethane
Concen: 17.677 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005300.D
Acq: 12 Oct 2018 18:18

Tgt Ion: 117 Resp: 32704
Ion Ratio Lower Upper
117 100
201 101.8 46.9 140.6





#91

1,2-Dichlorobenzene

Concen: 19.256 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX005300.D

Acq: 12 Oct 2018 18:18

Instrument :

MSVOA_X

ClientSampleId :

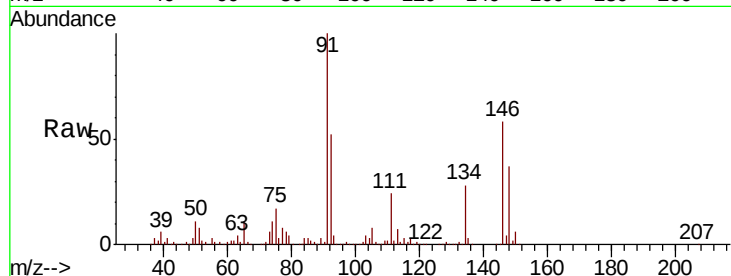
Tot Ion:146 Resp: 121509

Ion Ratio Lower Upper

146 100

111 38.5 19.4 58.1

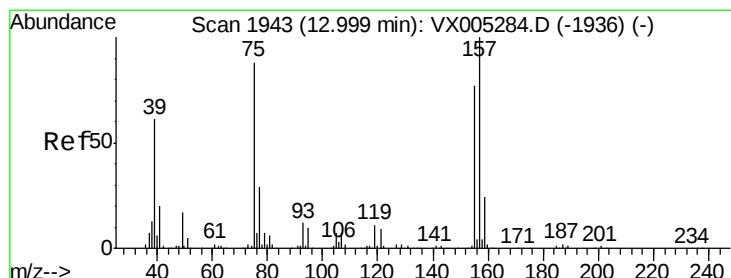
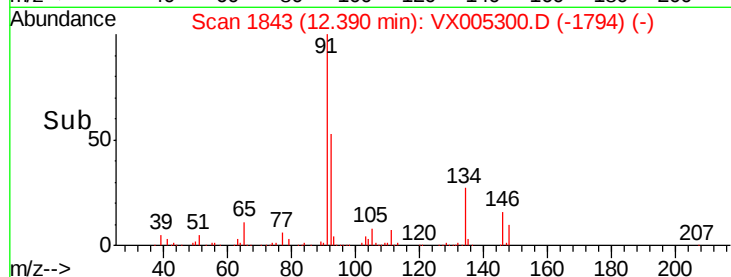
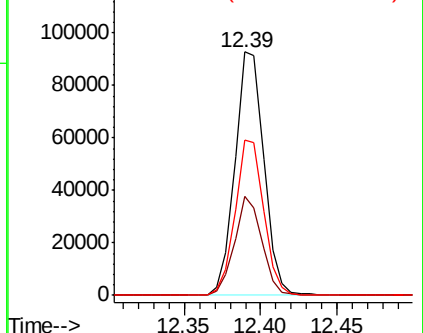
148 62.9 32.8 98.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.936 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX005300.D

Acq: 12 Oct 2018 18:18

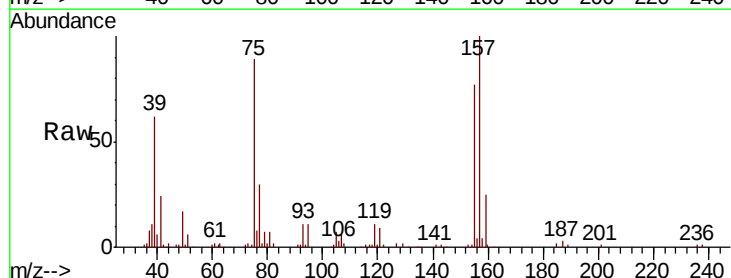
Tgt Ion: 75 Resp: 20166

Ion Ratio Lower Upper

75 100

155 88.6 48.0 144.2

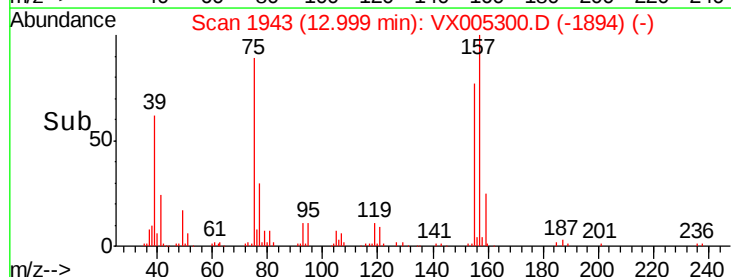
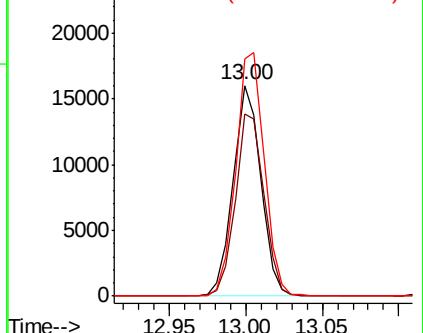
157 117.9 61.4 184.1

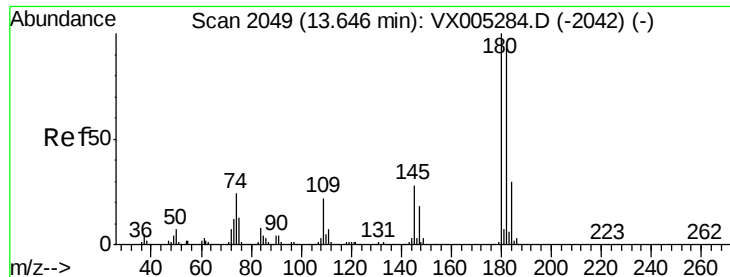


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

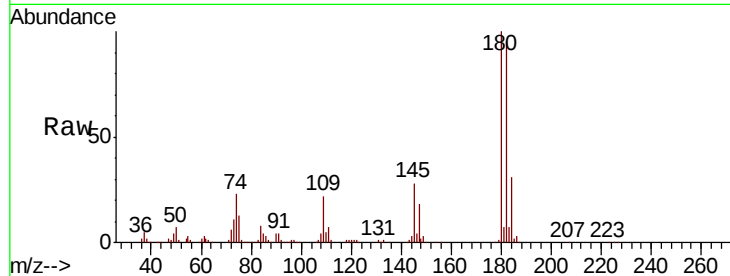




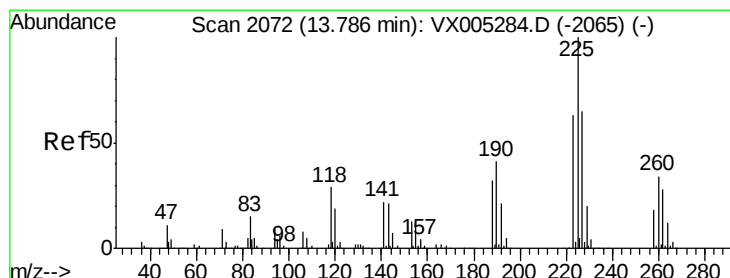
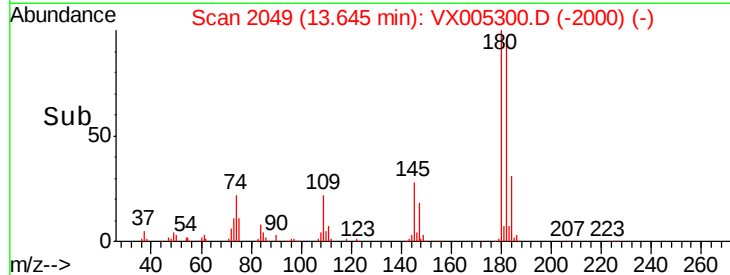
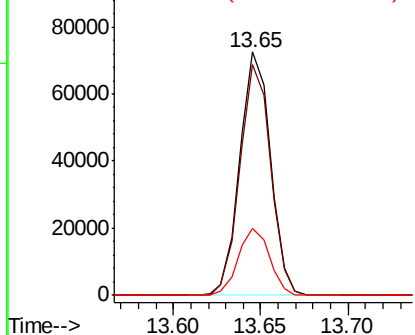
#93
 1,2,4-Trichlorobenzene
 Concen: 19.258 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005300.D
 Acq: 12 Oct 2018 18:18

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.6	48.4	145.0
145	28.0	14.3	42.9

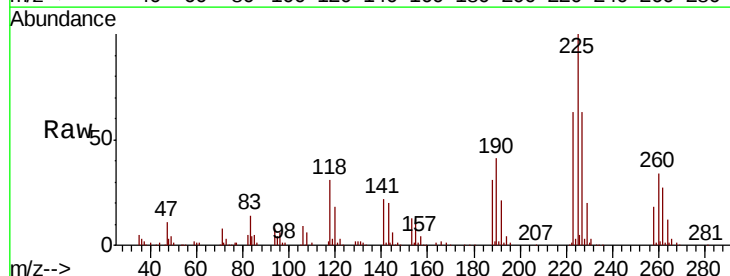


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

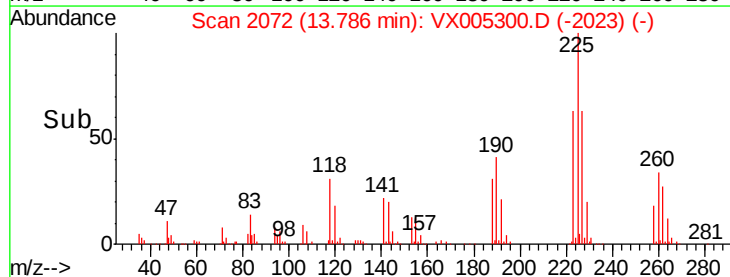
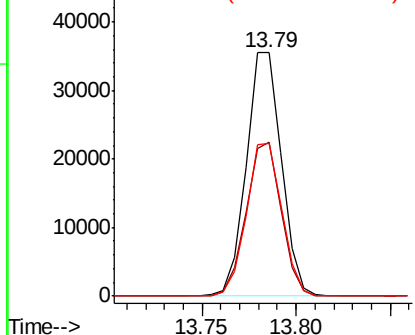


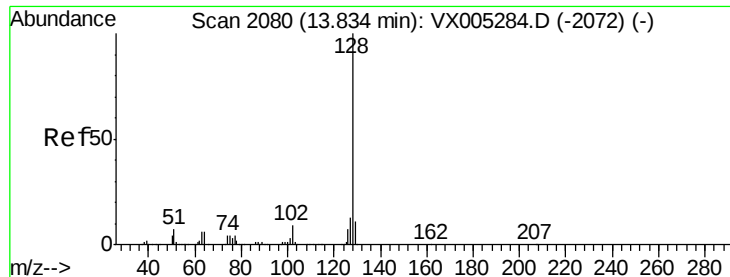
#94
 Hexachlorobutadiene
 Concen: 18.810 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX005300.D
 Acq: 12 Oct 2018 18:18

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	30.1	90.5
227	63.2	30.8	92.4



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





#95

Naphthalene

Concen: 20.095 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX005300.D

Acq: 12 Oct 2018 18:18

Instrument :

MSVOA_X

ClientSampleId :

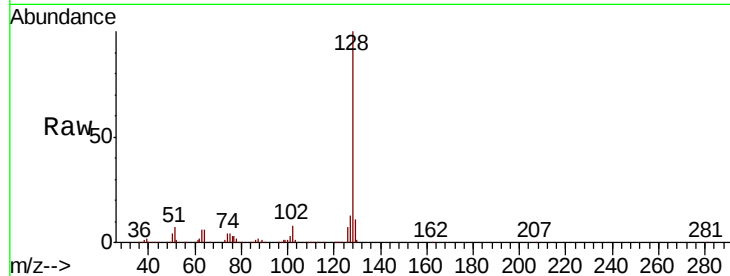
Tot Ion:128 Resp: 269801

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.2

129 10.9 8.6 12.8

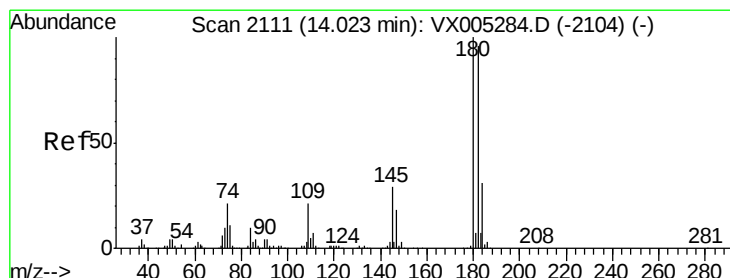
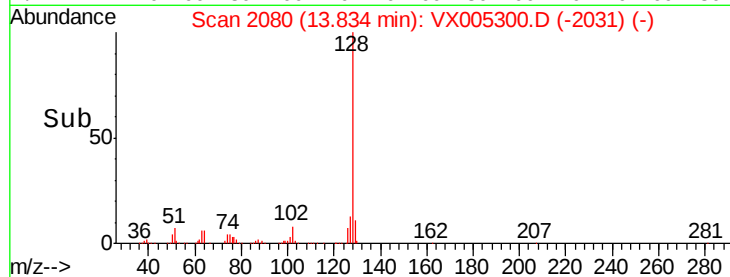
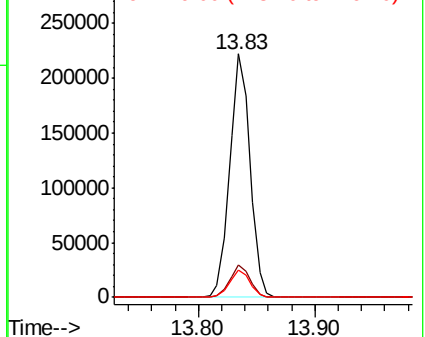


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.554 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. -0.00 min

Lab File: VX005300.D

Acq: 12 Oct 2018 18:18

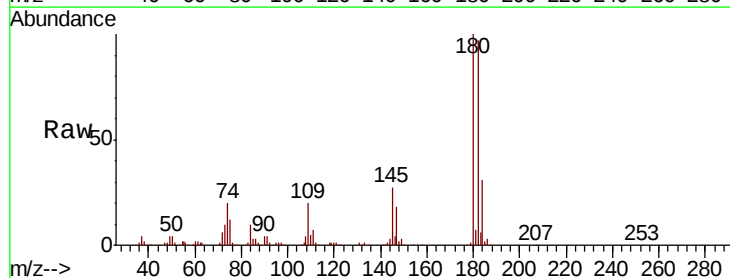
Tgt Ion:180 Resp: 92629

Ion Ratio Lower Upper

180 100

182 95.5 48.5 145.6

145 28.9 14.9 44.9



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

