

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120518\
 Data File : VX006293.D
 Acq On : 05 Dec 2018 11:58
 Operator : JC/MD
 Sample : VX1205MBS01
 Misc : 5.0µl/10mL/100µL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1205MBS01

Quant Time: Dec 06 00:14:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	701569	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1056586	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	952605	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	474451	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	363624	50.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.54%	
35) Dibromofluoromethane	5.50	113	347597	50.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.62%	
50) Toluene-d8	8.71	98	1247964	50.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.30%	
62) 4-Bromofluorobenzene	11.13	95	465969	49.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	141855	20.650	ug/l	99
3) Chloromethane	1.33	50	132726	18.802	ug/l	97
4) Vinyl Chloride	1.41	62	147080	19.359	ug/l	97
5) Bromomethane	1.64	94	97955	18.604	ug/l	98
6) Chloroethane	1.72	64	94118	20.204	ug/l	95
7) Trichlorofluoromethane	1.93	101	226754	19.443	ug/l	100
8) Diethyl Ether	2.19	74	86627	19.627	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.39	101	130505	19.680	ug/l	99
10) Methyl Iodide	2.51	142	149280	14.937	ug/l	99
11) Tert butyl alcohol	3.07	59	183940	93.913	ug/l	98
12) 1,1-Dichloroethene	2.38	96	120957	19.054	ug/l	95
13) Acrolein	2.29	56	102048	95.327	ug/l	100
14) Allyl chloride	2.73	41	229116	18.270	ug/l	99
15) Acrylonitrile	3.15	53	388905	95.153	ug/l	99
16) Acetone	2.45	43	315892	93.987	ug/l	95
17) Carbon Disulfide	2.57	76	346985	17.738	ug/l	97
18) Methyl Acetate	2.78	43	222278	19.776	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	436602	19.279	ug/l	100
20) Methylene Chloride	2.86	84	135380	18.926	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	129842	19.193	ug/l	94
22) Diisopropyl ether	3.87	45	391193	19.972	ug/l	99
23) Vinyl Acetate	3.82	43	1636339	97.947	ug/l	100
24) 1,1-Dichloroethane	3.70	63	229482	20.497	ug/l	98
25) 2-Butanone	4.70	43	472128	98.448	ug/l	99
26) 2,2-Dichloropropane	4.59	77	207644	20.097	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	151277	20.047	ug/l	99
28) Bromochloromethane	5.02	49	99030	20.251	ug/l	99
29) Tetrahydrofuran	5.15	42	317074	95.131	ug/l	97
30) Chloroform	5.21	83	238342	20.258	ug/l	96
31) Cyclohexane	5.57	56	199143	19.247	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	220407	19.689	ug/l	98
36) 1,1-Dichloropropene	5.80	75	172925	19.435	ug/l	98
37) Ethyl Acetate	4.85	43	186822	18.750	ug/l	97
38) Carbon Tetrachloride	5.79	117	199451	19.055	ug/l	100

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	222135	19.234	ug/l	99
40) Benzene	6.14	78	527033	19.777	ug/l	97
41) Methacrylonitrile	5.06	41	102571	18.708	ug/l	98
42) 1,2-Dichloroethane	6.20	62	176785	20.270	ug/l	100
43) Isopropyl Acetate	6.46	43	305976	18.418	ug/l	99
44) Trichloroethene	7.21	130	157567	19.518	ug/l	98
45) 1,2-Dichloropropane	7.52	63	131838	19.466	ug/l	99
46) Dibromomethane	7.66	93	95563	19.537	ug/l	99
47) Bromodichloromethane	7.90	83	183656	19.388	ug/l	98
48) Methyl methacrylate	7.77	41	151616	18.760	ug/l	98
49) 1,4-Dioxane	7.75	88	77308	388.105	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	934262	96.603	ug/l	98
52) Toluene	8.79	92	343552	19.595	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	206938	18.680	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	219435	19.076	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	141892	19.921	ug/l	96
56) Ethyl methacrylate	9.18	69	211176	18.965	ug/l	99
57) 1,3-Dichloropropane	9.37	76	227313	20.182	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	547775	96.944	ug/l	99
59) 2-Hexanone	9.49	43	716475	96.968	ug/l	99
60) Dibromochloromethane	9.58	129	165825	18.881	ug/l	100
61) 1,2-Dibromoethane	9.67	107	155538	19.530	ug/l	99
64) Tetrachloroethene	9.34	164	143593	20.016	ug/l	98
65) Chlorobenzene	10.14	112	403316	19.945	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	153039	19.478	ug/l	99
67) Ethyl Benzene	10.25	91	652325	19.396	ug/l	99
68) m/p-Xylenes	10.36	106	522706	38.799	ug/l	100
69) o-Xylene	10.70	106	259065	19.468	ug/l	100
70) Styrene	10.71	104	414476	19.257	ug/l	98
71) Bromoform	10.86	173	131556	17.738	ug/l	100
73) Isopropylbenzene	11.02	105	683122	20.849	ug/l	100
74) N-amyl acetate	10.90	43	272336	19.302	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	214726	20.485	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	256483	28.007	ug/l	87
77) Bromobenzene	11.26	156	185685	20.421	ug/l	99
78) n-propylbenzene	11.36	91	741850	20.368	ug/l	99
79) 2-Chlorotoluene	11.42	91	449219	20.752	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	566180	20.769	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	72515	18.583	ug/l	93
82) 4-Chlorotoluene	11.51	91	507908	20.180	ug/l	100
83) tert-Butylbenzene	11.77	119	600927	20.660	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	570443	20.264	ug/l	100
85) sec-Butylbenzene	11.94	105	676592	20.447	ug/l	100
86) p-Isopropyltoluene	12.06	119	602762	20.229	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	322514	19.934	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	320961	19.545	ug/l	98
89) n-Butylbenzene	12.39	91	497376	19.563	ug/l	100
90) Hexachloroethane	12.60	117	118144	19.454	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	321575	20.026	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	48547	18.067	ug/l	97

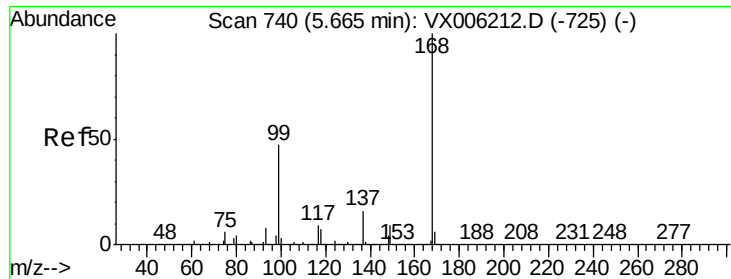
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX120518\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	226818	19.361	ug/l	100
94) Hexachlorobutadiene	13.79	225	104435	20.158	ug/l	99
95) Naphthalene	13.83	128	729103	20.008	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	225579	19.441	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006293.D

Acq: 05 Dec 2018 11:58

Instrument :

MSVOA_X

ClientSampleId :

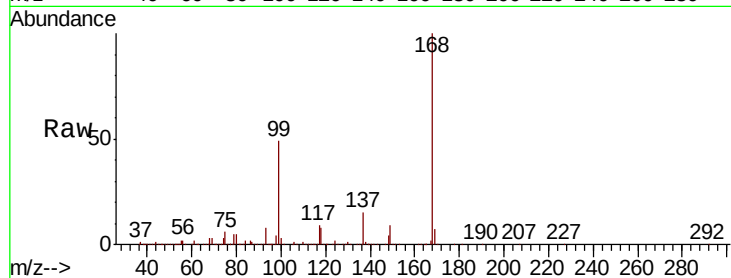
VX1205MBS01

Tot Ion:168 Resp: 701569

Ion Ratio Lower Upper

168 100

99 48.6 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

250000

200000

150000

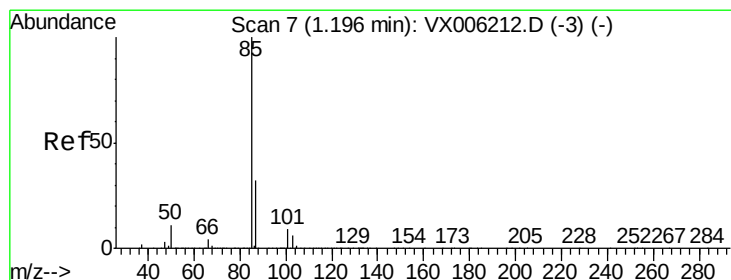
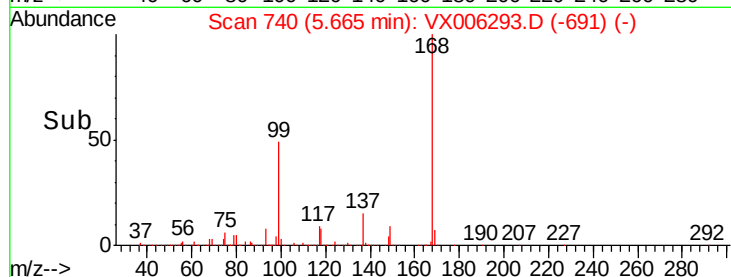
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 20.650 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006293.D

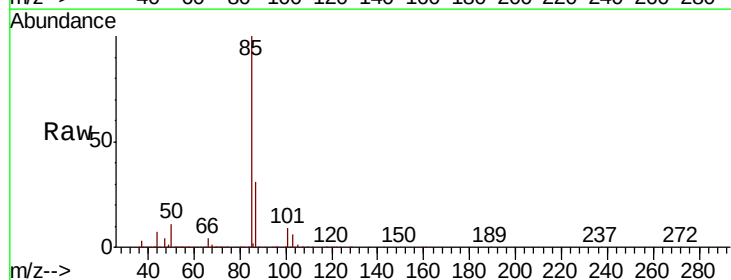
Acq: 05 Dec 2018 11:58

Tgt Ion: 85 Resp: 141855

Ion Ratio Lower Upper

85 100

87 31.4 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

150000

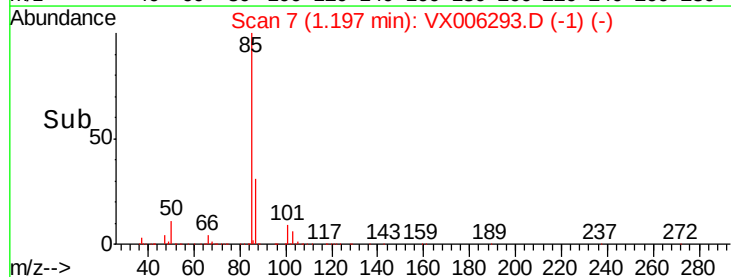
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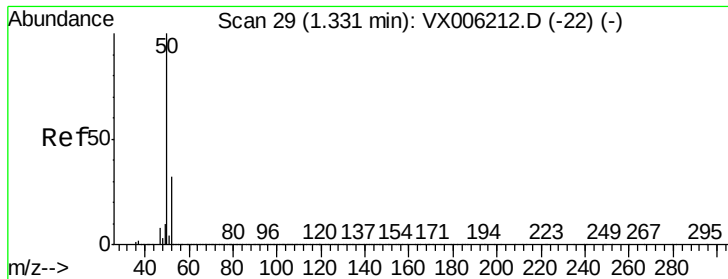
50000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 18.802 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX006293.D

Acq: 05 Dec 2018 11:58

Instrument :

MSVOA_X

ClientSampleId :

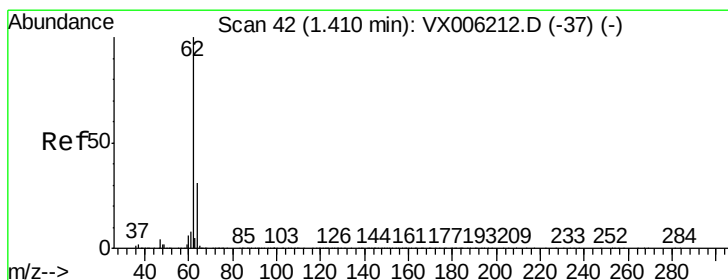
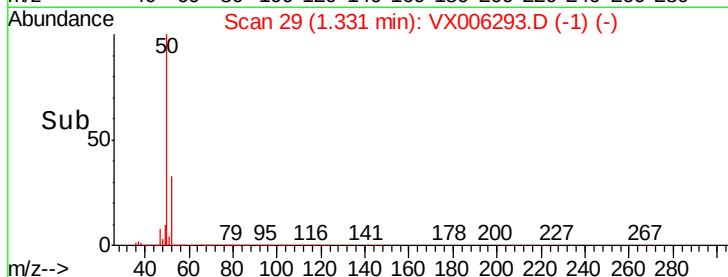
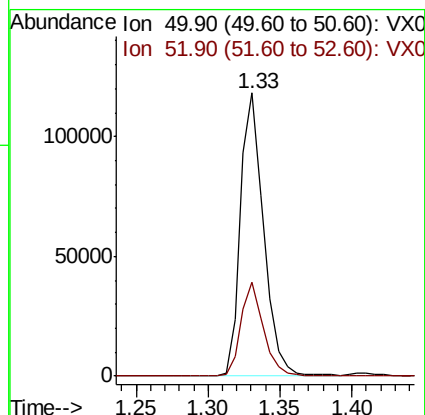
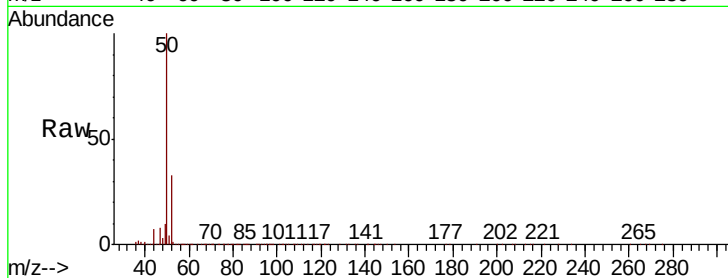
VX1205MBS01

Tot Ion: 50 Resp: 132726

Ion Ratio Lower Upper

50 100

52 33.0 25.2 37.8



#4

Vinyl Chloride

Concen: 19.359 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX006293.D

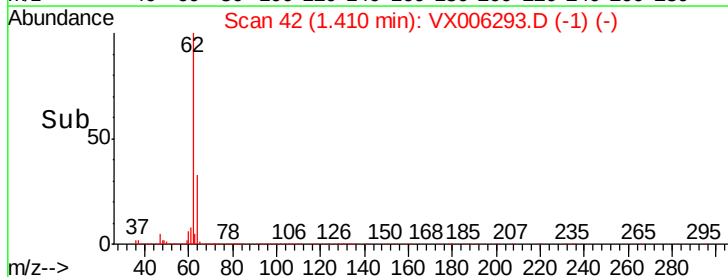
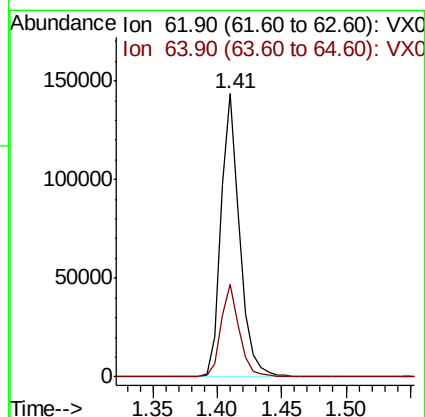
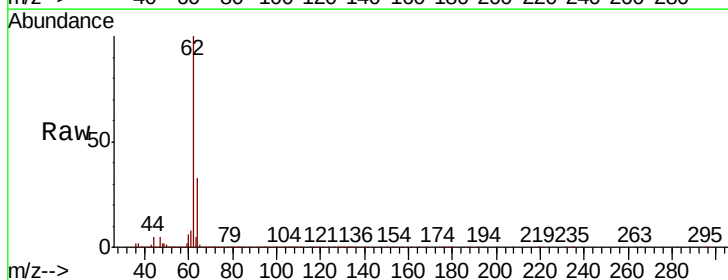
Acq: 05 Dec 2018 11:58

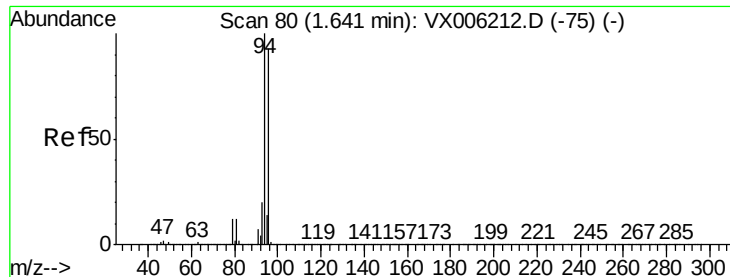
Tgt Ion: 62 Resp: 147080

Ion Ratio Lower Upper

62 100

64 32.5 24.9 37.3





#5

Bromomethane

Concen: 18.604 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006293.D

Acq: 05 Dec 2018 11:58

Instrument :

MSVOA_X

ClientSampleId :

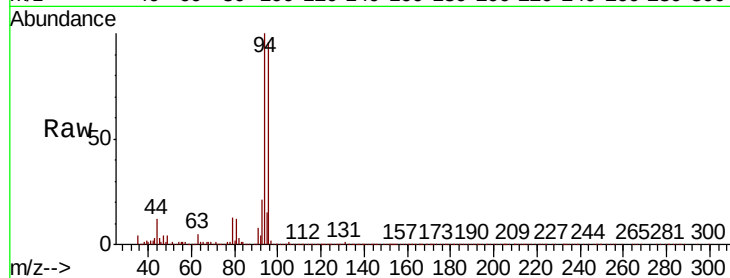
VX1205MBS01

Tot Ion: 94 Resp: 97955

Ion Ratio Lower Upper

94 100

96 95.4 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

100000

80000

60000

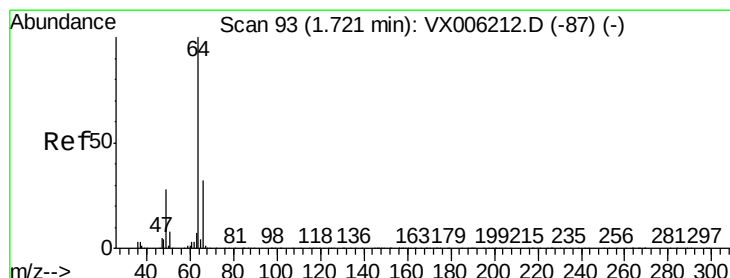
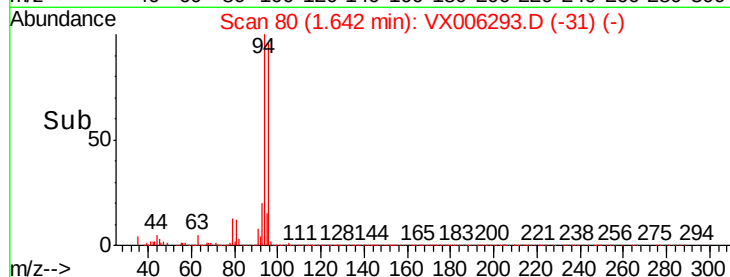
40000

20000

0

Time-->

1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 20.204 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.00 min

Lab File: VX006293.D

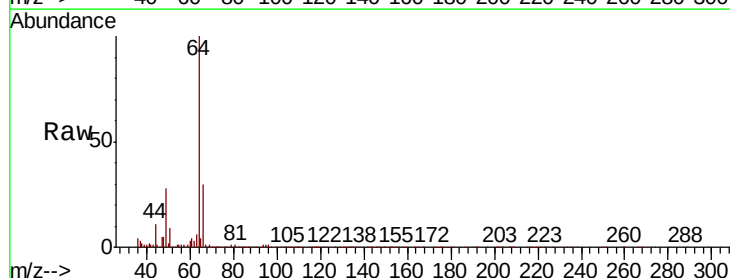
Acq: 05 Dec 2018 11:58

Tgt Ion: 64 Resp: 94118

Ion Ratio Lower Upper

64 100

66 29.9 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

60000

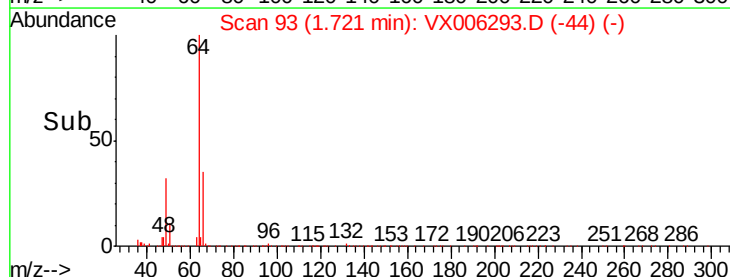
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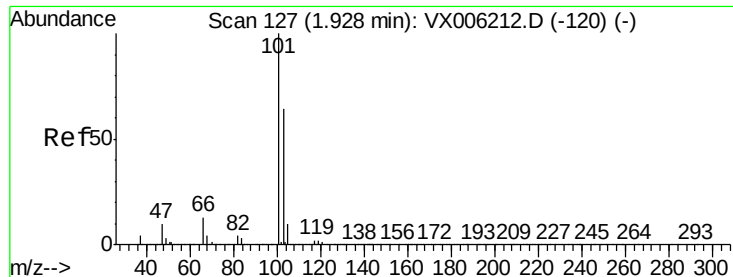
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0

Time-->

1.60 1.65 1.70 1.75 1.80



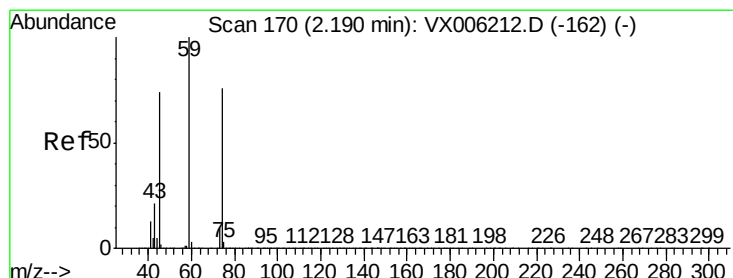
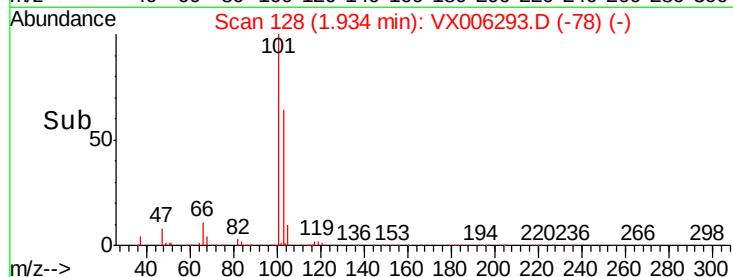
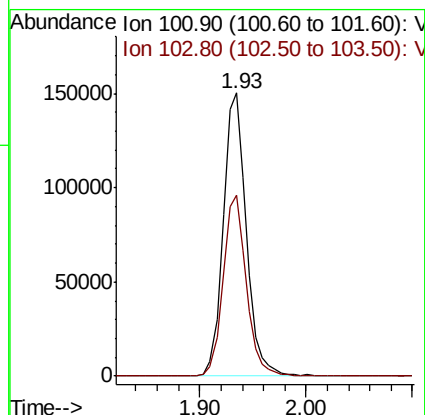
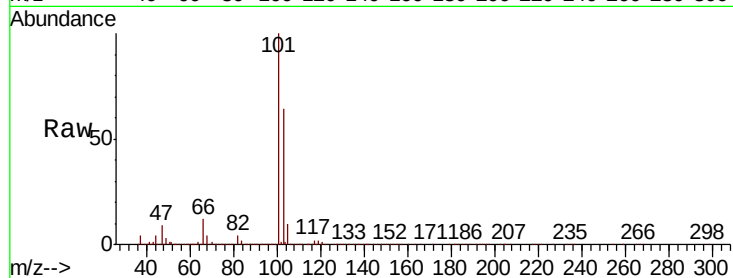


#7

Trichlorofluoromethane
Concen: 19.443 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX006293.D
Acq: 05 Dec 2018 11:58

Instrument :
MSVOA_X
ClientSampleId :
VX1205MBS01

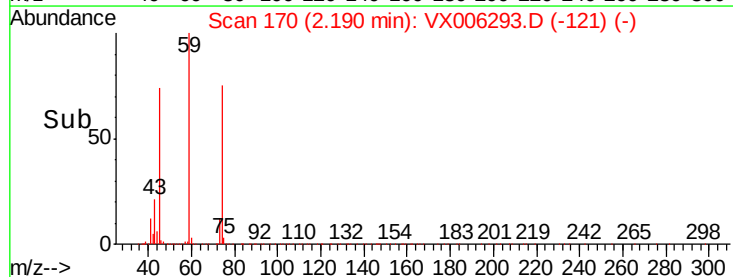
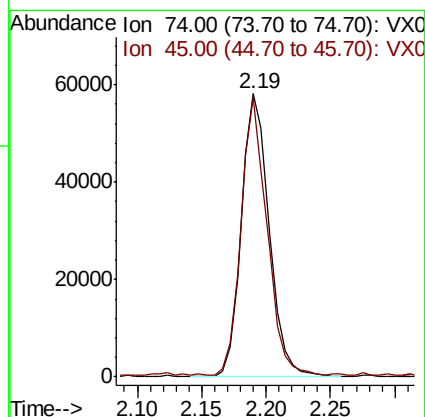
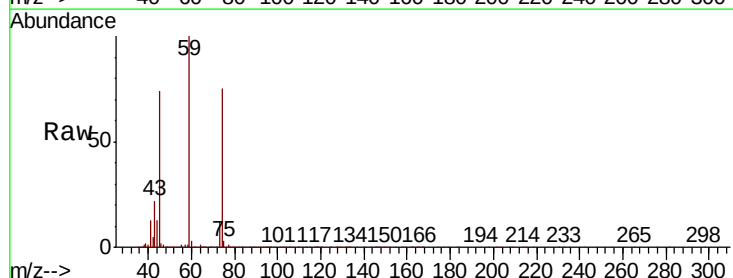
Tot Ion:101 Resp: 226754
Ion Ratio Lower Upper
101 100
103 64.0 51.0 76.4

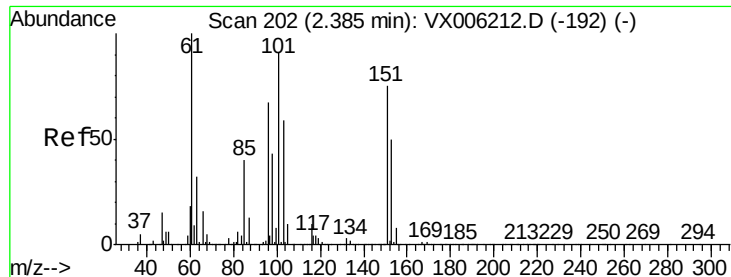


#8

Diethyl Ether
Concen: 19.627 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006293.D
Acq: 05 Dec 2018 11:58

Tgt Ion: 74 Resp: 86627
Ion Ratio Lower Upper
74 100
45 91.9 49.5 148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.680 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX006293.D

Acq: 05 Dec 2018 11:58

Instrument :

MSVOA_X

ClientSampleId :

VX1205MBS01

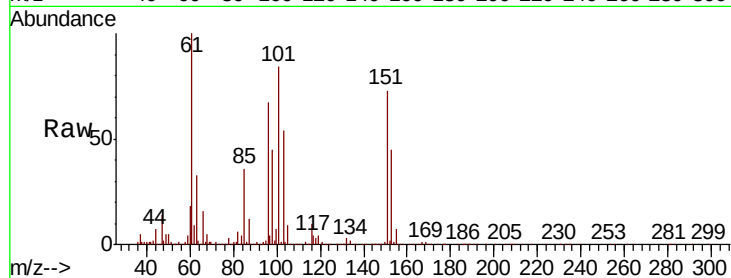
Tot Ion:101 Resp: 130505

Ion Ratio Lower Upper

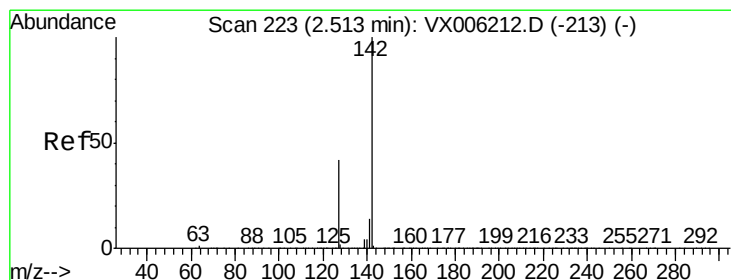
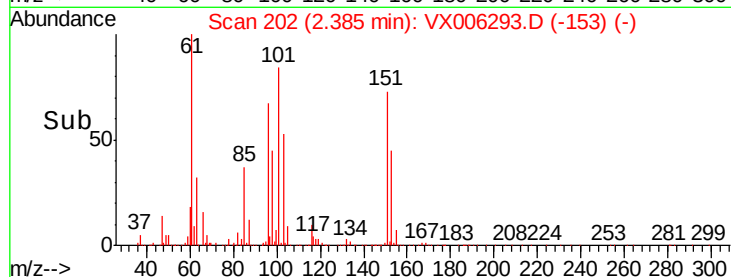
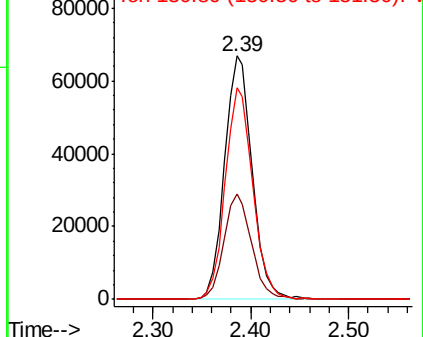
101 100

85 42.9 35.5 53.3

151 86.8 68.6 103.0



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VX0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 14.937 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX006293.D

Acq: 05 Dec 2018 11:58

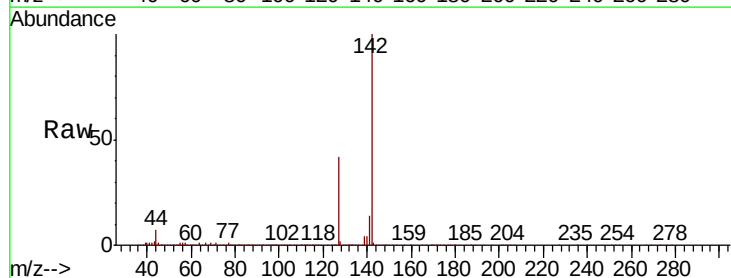
Tgt Ion:142 Resp: 149280

Ion Ratio Lower Upper

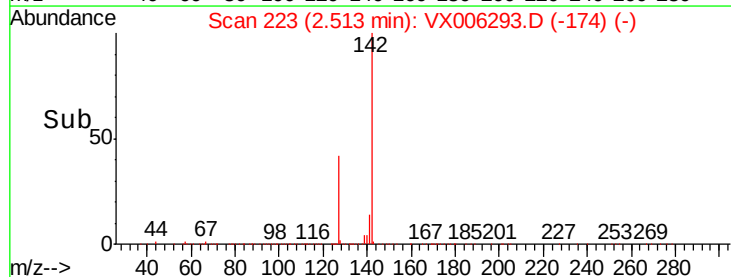
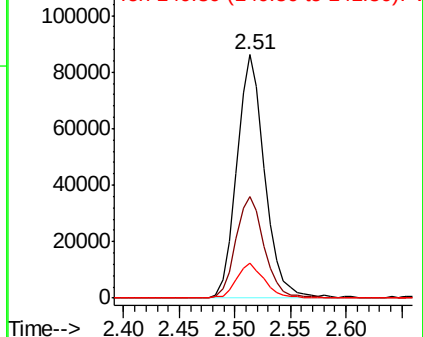
142 100

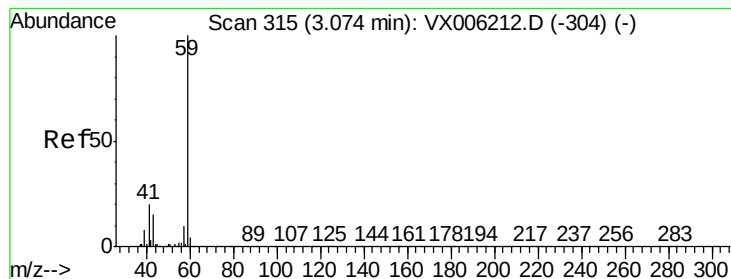
127 42.9 34.8 52.2

141 14.4 11.4 17.2



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



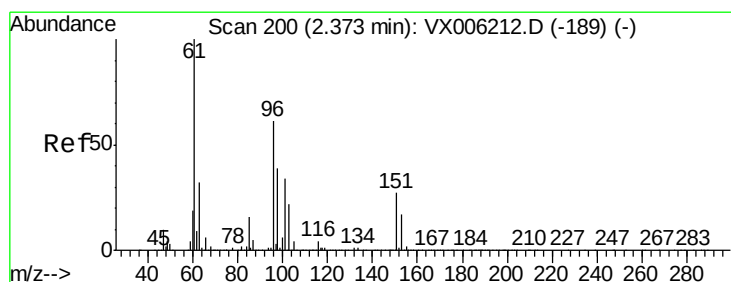
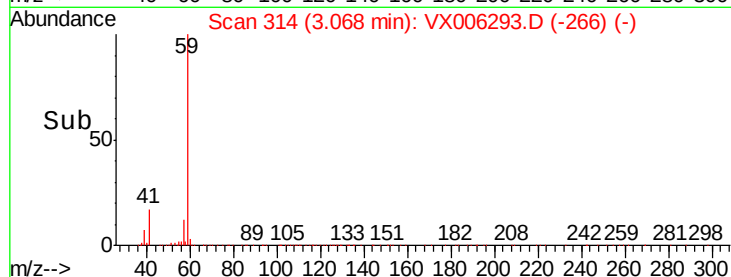
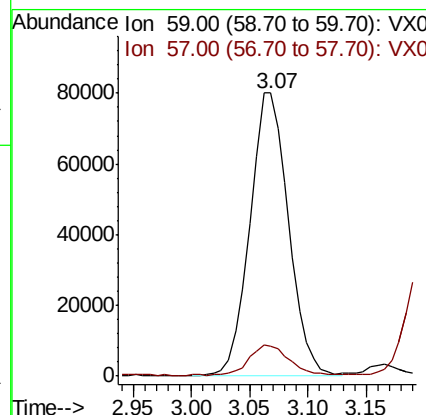
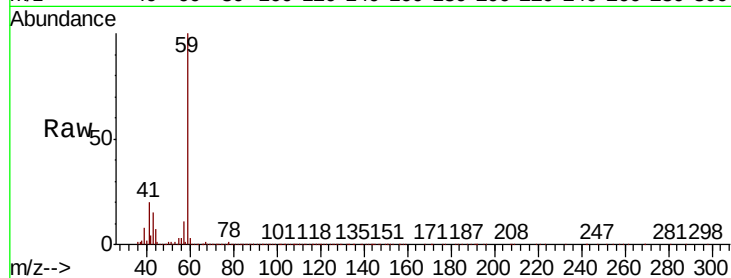


#11

Tert butyl alcohol
Concen: 93.913 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX006293.D
Acq: 05 Dec 2018 11:58

Instrument :
MSVOA_X
ClientSampleId :
VX1205MBS01

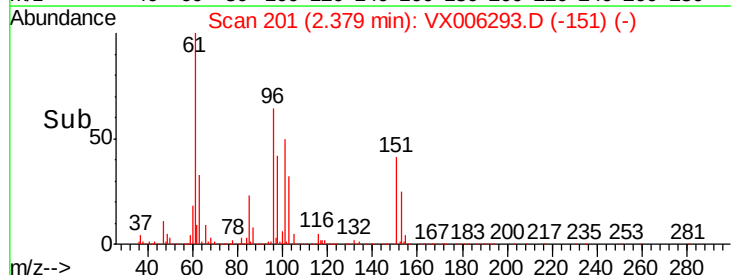
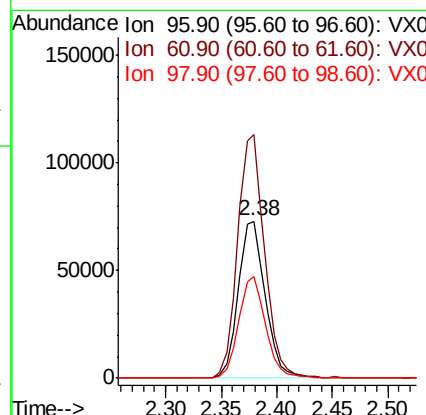
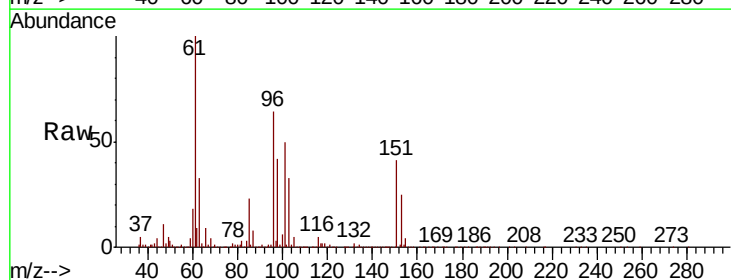
Tot Ion: 59 Resp: 183940
Ion Ratio Lower Upper
59 100
57 10.8 8.2 12.2

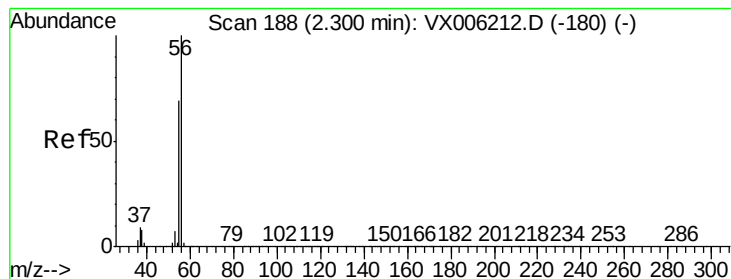


#12

1,1-Dichloroethene
Concen: 19.054 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX006293.D
Acq: 05 Dec 2018 11:58

Tgt Ion: 96 Resp: 120957
Ion Ratio Lower Upper
96 100
61 155.8 131.7 197.5
98 64.9 51.8 77.6





#13

Acrolein

Concen: 95.327 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX006293.D

Acq: 05 Dec 2018 11:58

Instrument :

MSVOA_X

ClientSampleId :

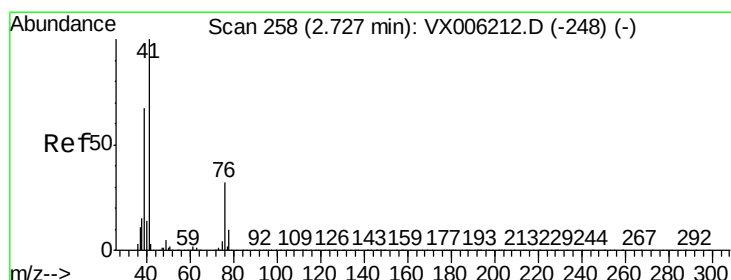
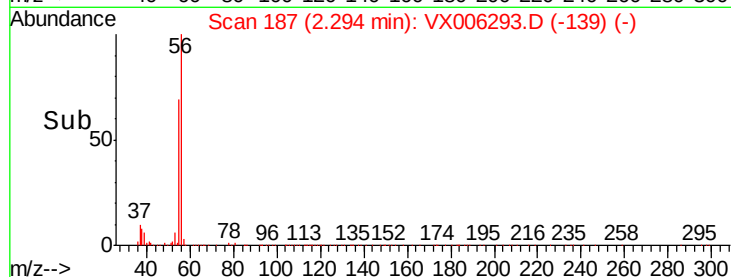
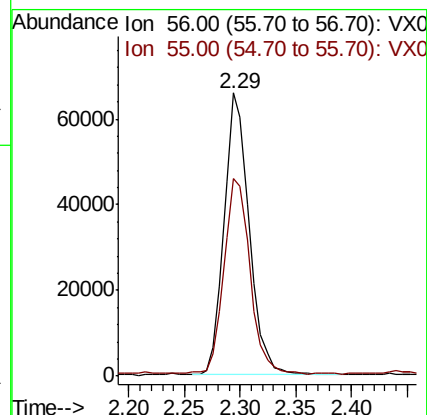
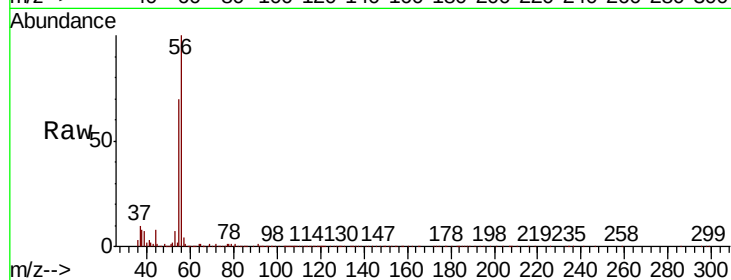
VX1205MBS01

Tot Ion: 56 Resp: 102048

Ion Ratio Lower Upper

56 100

55 72.2 57.8 86.6



#14

Allyl chloride

Concen: 18.270 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX006293.D

Acq: 05 Dec 2018 11:58

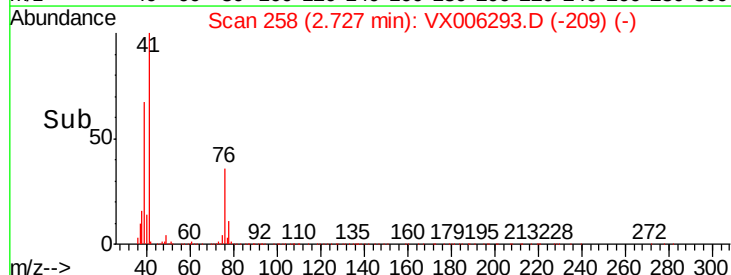
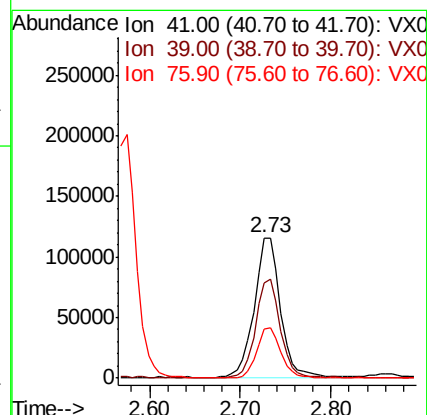
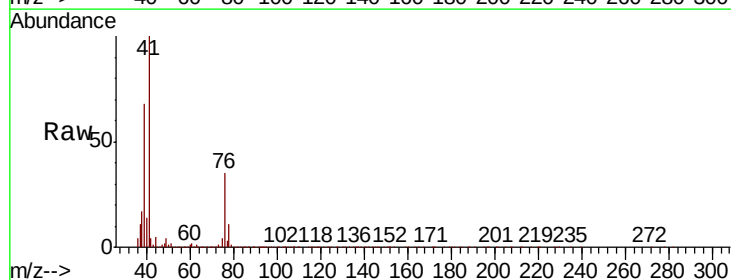
Tgt Ion: 41 Resp: 229116

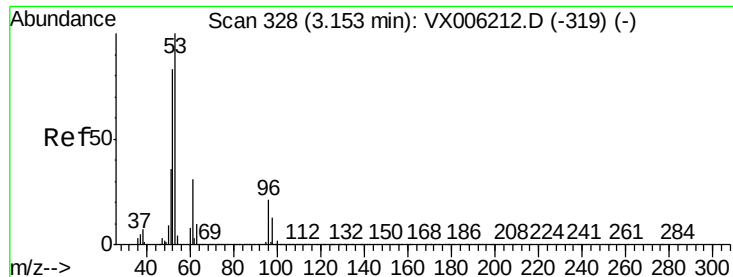
Ion Ratio Lower Upper

41 100

39 65.6 52.4 78.6

76 33.3 25.4 38.0





#15

Acrylonitrile

Concen: 95.153 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX006293.D

Acq: 05 Dec 2018 11:58

Instrument :

MSVOA_X

ClientSampleId :

VX1205MBS01

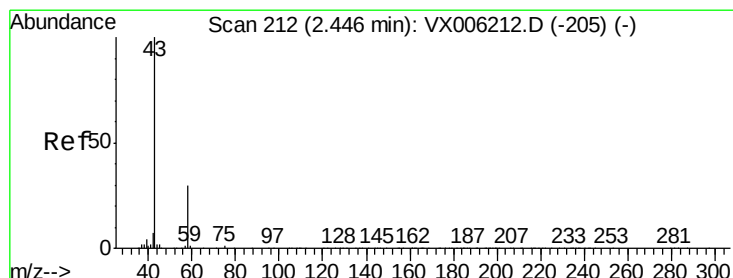
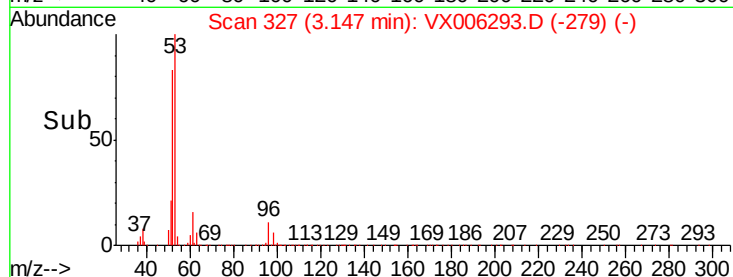
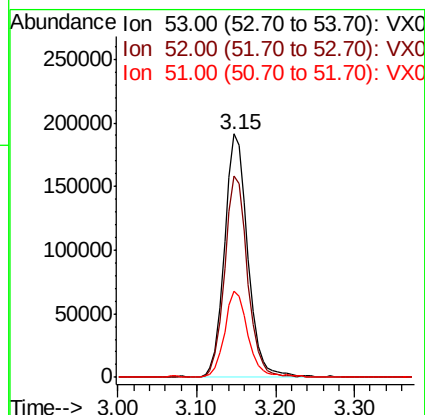
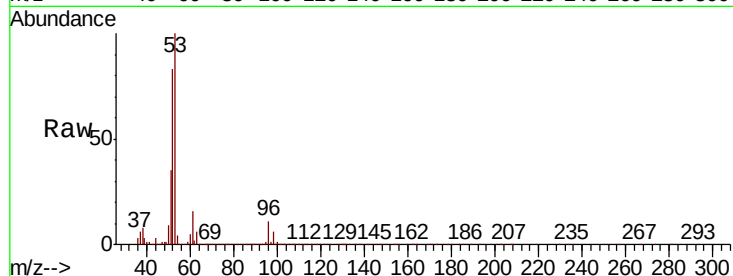
Tot Ion: 53 Resp: 388905

Ion Ratio Lower Upper

53 100

52 81.9 66.2 99.4

51 35.5 28.7 43.1



#16

Acetone

Concen: 93.987 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006293.D

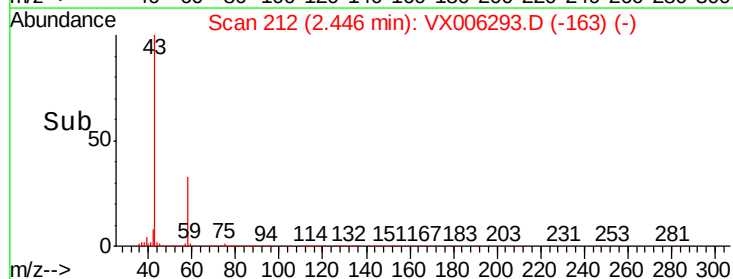
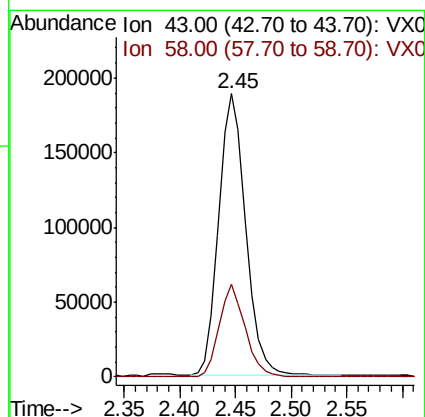
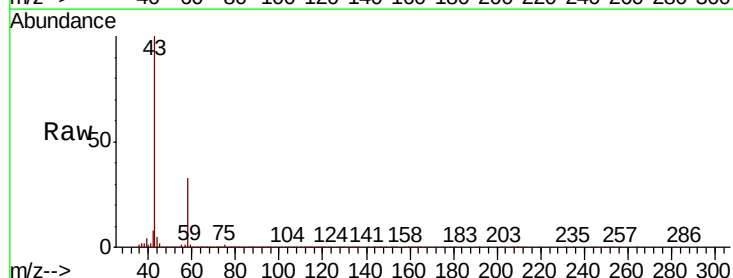
Acq: 05 Dec 2018 11:58

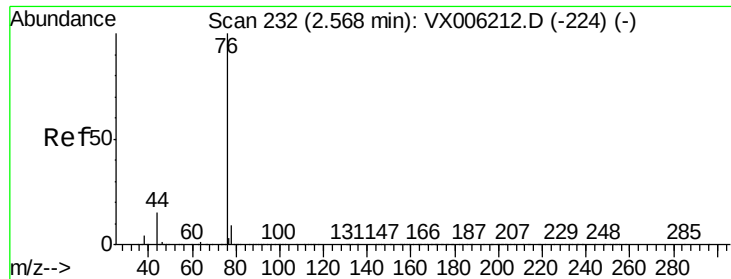
Tgt Ion: 43 Resp: 315892

Ion Ratio Lower Upper

43 100

58 32.6 24.0 36.0





#17

Carbon Disulfide

Concen: 17.738 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX006293.D

Acq: 05 Dec 2018 11:58

Instrument :

MSVOA_X

ClientSampleId :

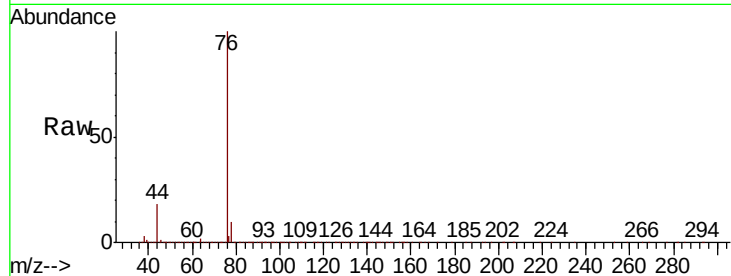
VX1205MBS01

Tot Ion: 76 Resp: 346985

Ion Ratio Lower Upper

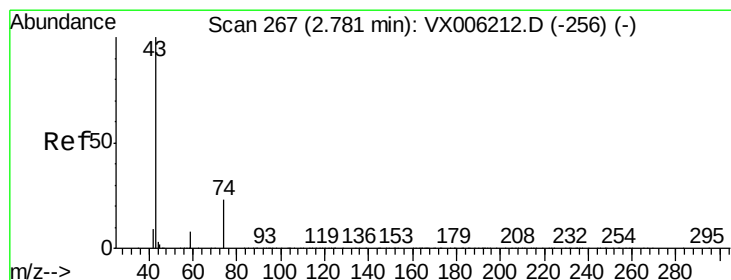
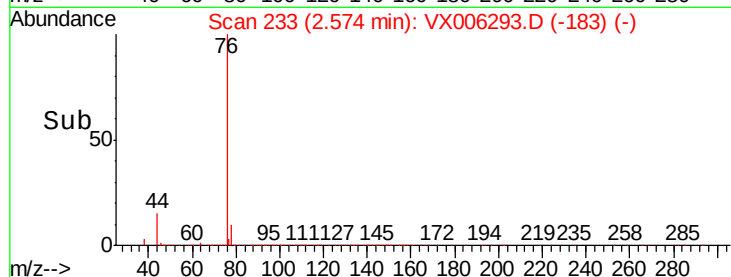
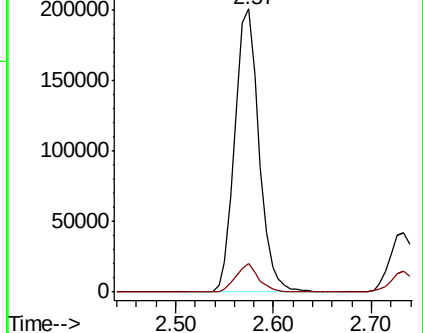
76 100

78 9.8 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 19.776 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX006293.D

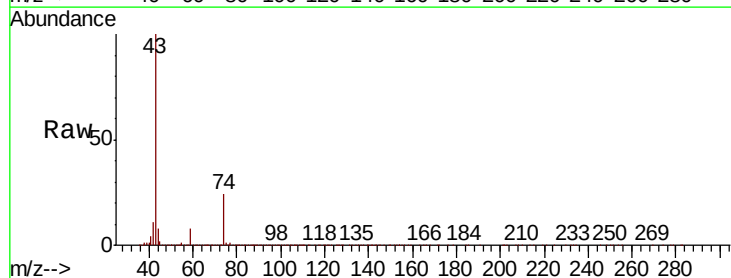
Acq: 05 Dec 2018 11:58

Tgt Ion: 43 Resp: 222278

Ion Ratio Lower Upper

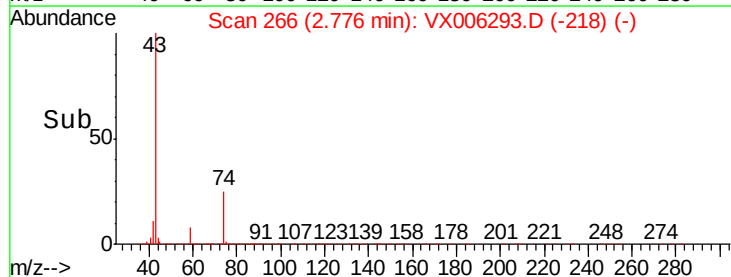
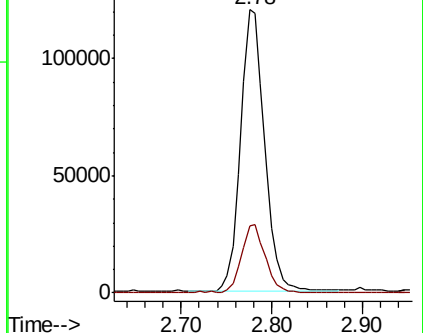
43 100

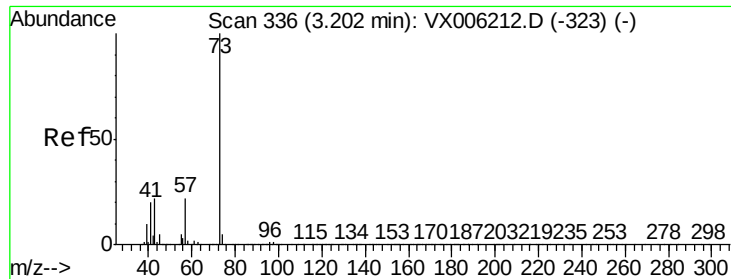
74 23.0 17.9 26.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



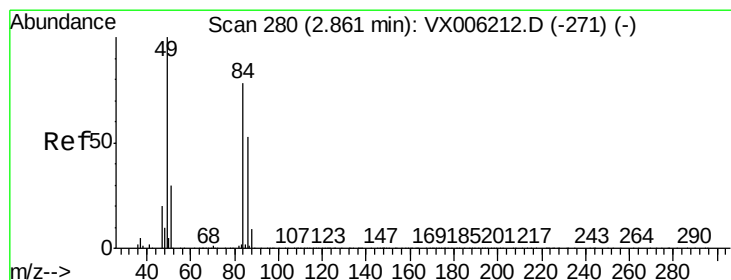
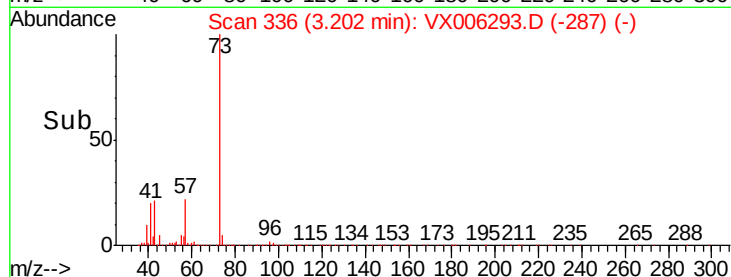
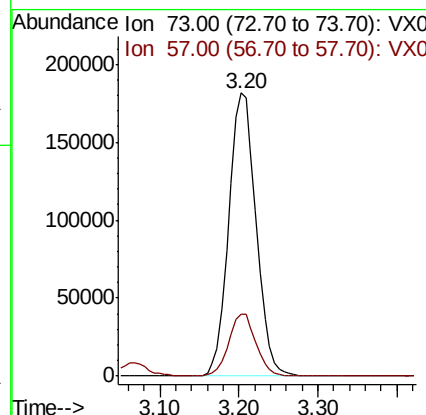
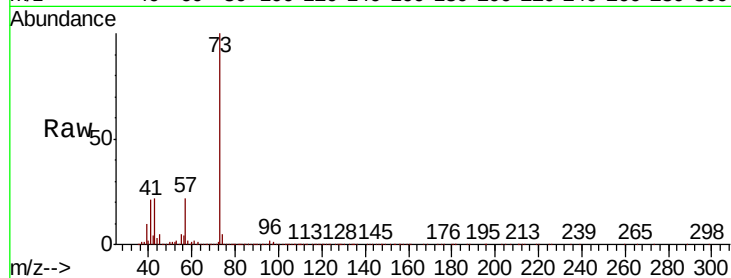


#19

Methyl tert-butyl Ether
 Concen: 19.279 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. 0.00 min
 Lab File: VX006293.D
 Acq: 05 Dec 2018 11:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1205MBS01

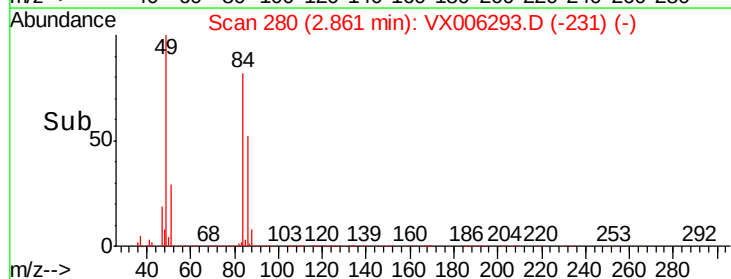
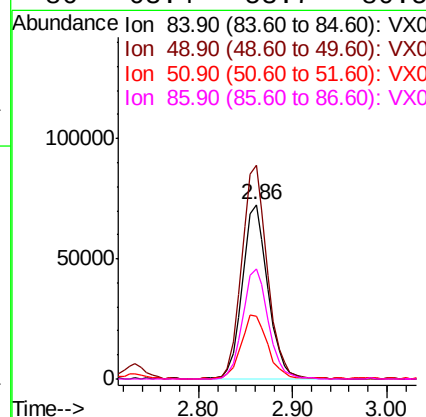
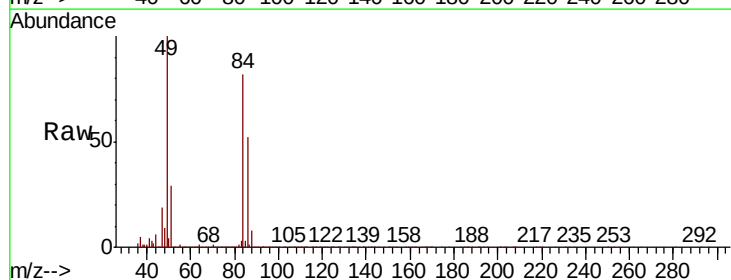
Tot Ion: 73 Resp: 436602
 Ion Ratio Lower Upper
 73 100
 57 21.9 17.5 26.3

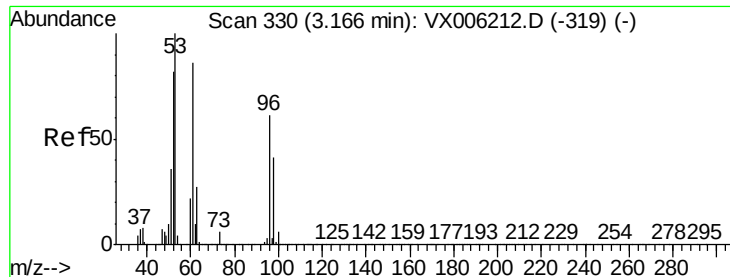


#20

Methylene Chloride
 Concen: 18.926 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. 0.00 min
 Lab File: VX006293.D
 Acq: 05 Dec 2018 11:58

Tgt Ion: 84 Resp: 135380
 Ion Ratio Lower Upper
 84 100
 49 122.3 102.2 153.4
 51 35.3 31.1 46.7
 86 63.4 53.7 80.5





#21

trans-1,2-Dichloroethene

Concen: 19.193 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX006293.D

Acq: 05 Dec 2018 11:58

Instrument :

MSVOA_X

ClientSampleId :

VX1205MBS01

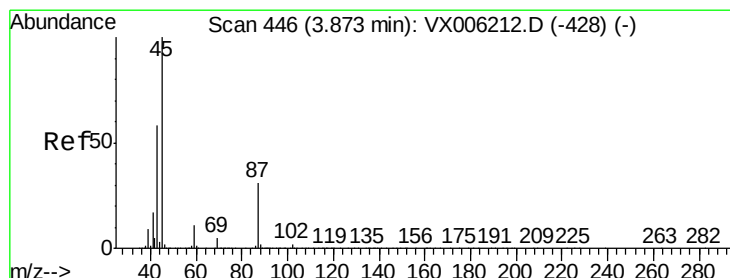
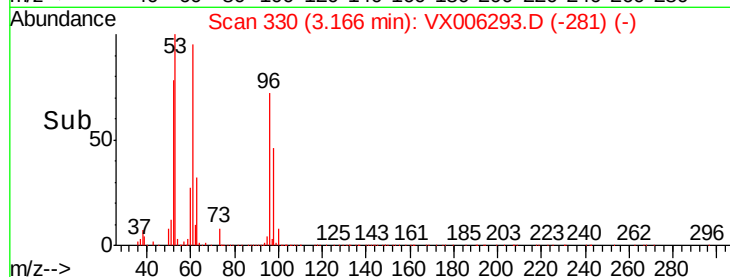
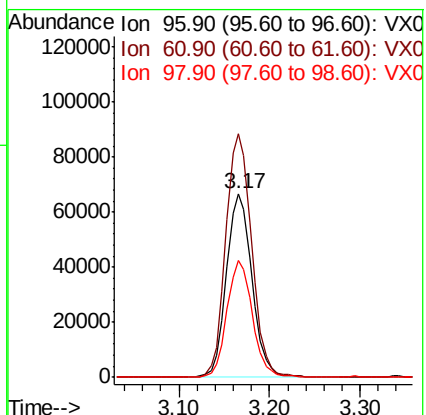
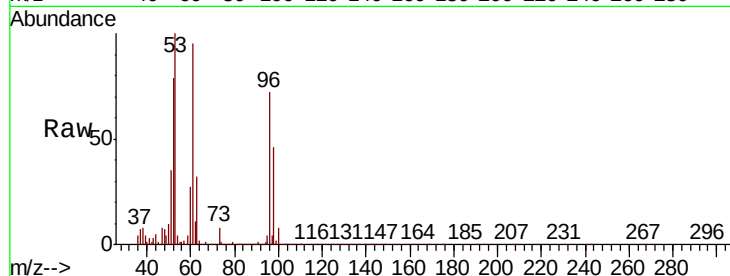
Tot Ion: 96 Resp: 129842

Ion Ratio Lower Upper

96 100

61 132.6 113.3 169.9

98 63.9 53.2 79.8



#22

Diisopropyl ether

Concen: 19.972 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX006293.D

Acq: 05 Dec 2018 11:58

Tgt Ion: 45 Resp: 391193

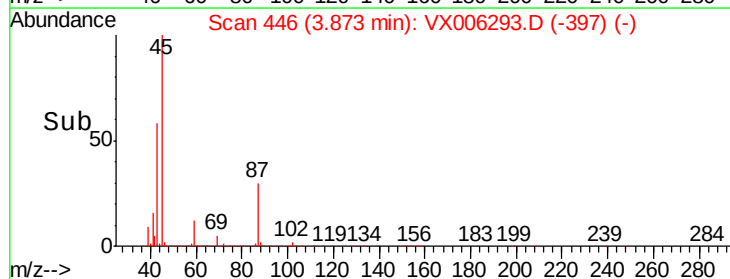
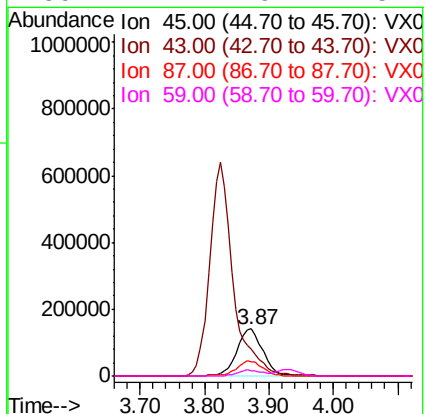
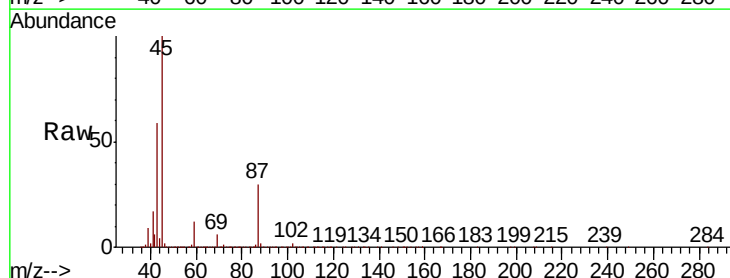
Ion Ratio Lower Upper

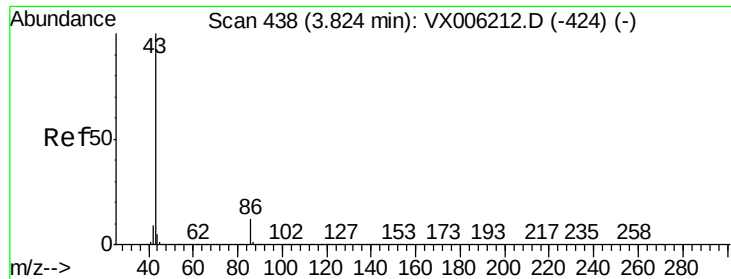
45 100

43 58.3 46.2 69.2

87 30.2 24.9 37.3

59 11.7 9.1 13.7





#23

Vinyl Acetate

Concen: 97.947 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006293.D

Acq: 05 Dec 2018 11:58

Instrument :

MSVOA_X

ClientSampleId :

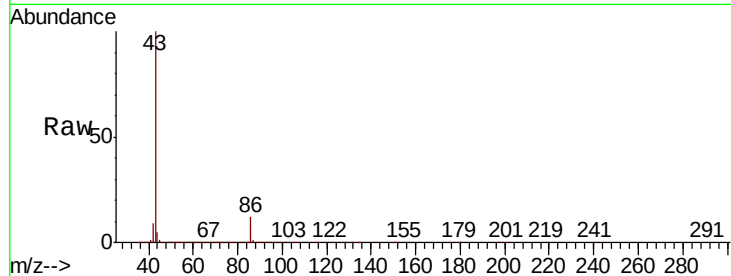
VX1205MBS01

Tot Ion: 43 Resp: 1636339

Ion Ratio Lower Upper

43 100

86 11.8 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

600000

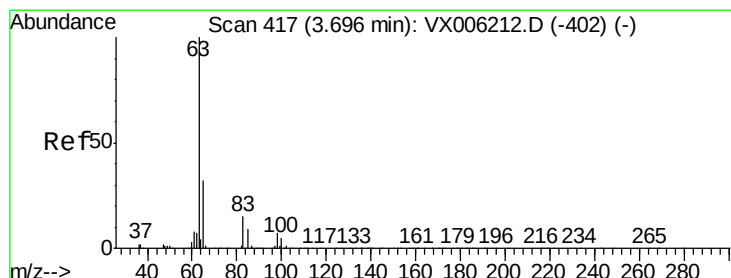
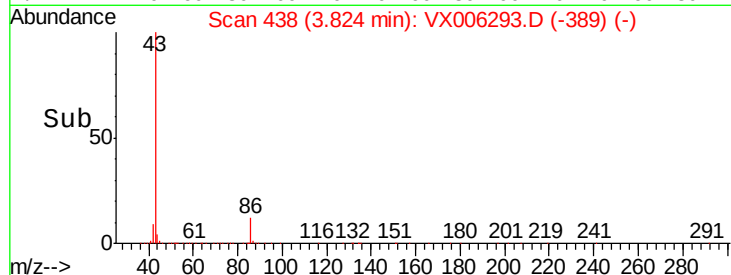
400000

200000

0

3.70 3.80 3.90 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 20.497 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006293.D

Acq: 05 Dec 2018 11:58

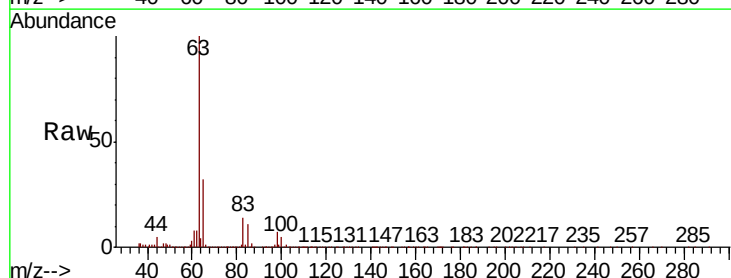
Tgt Ion: 63 Resp: 229482

Ion Ratio Lower Upper

63 100

98 6.7 3.8 11.4

100 4.5 2.5 7.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

120000

100000

80000

60000

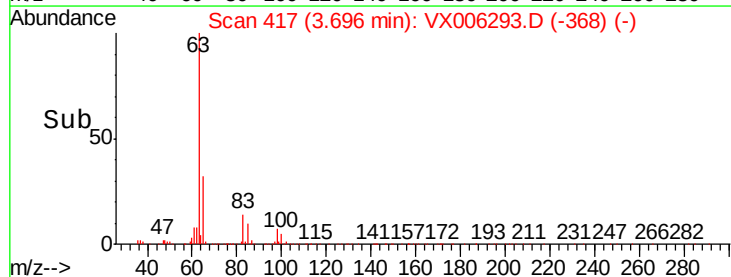
40000

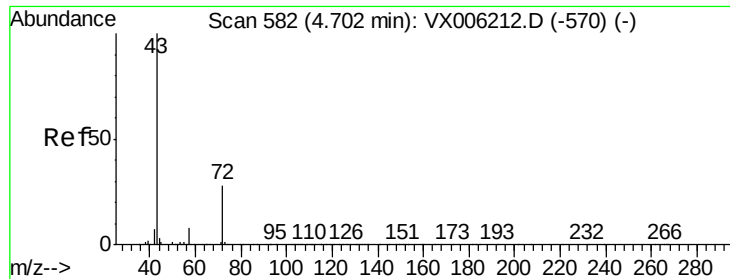
20000

0

3.60 3.70 3.80 3.90

Time-->

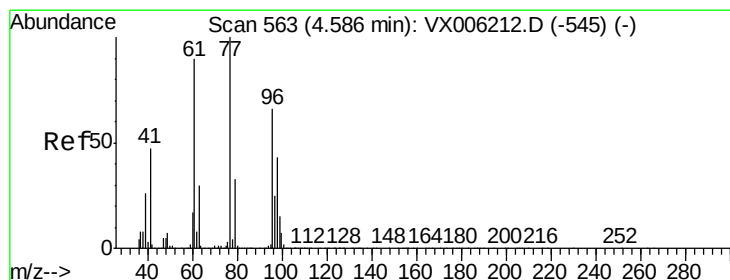
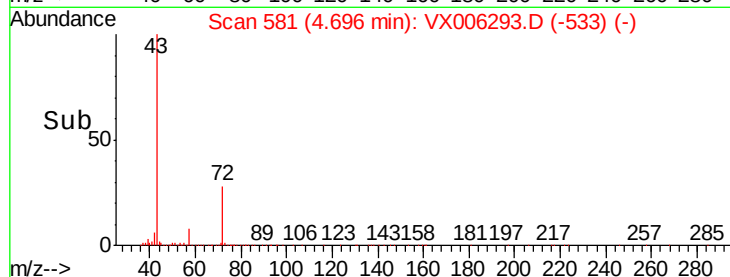
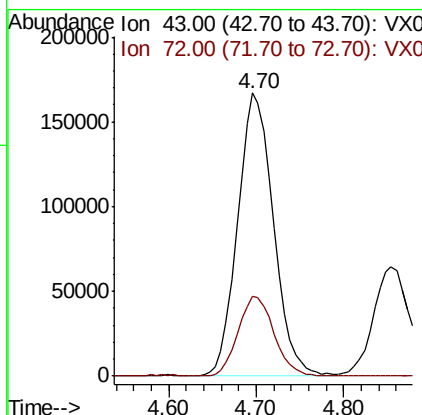
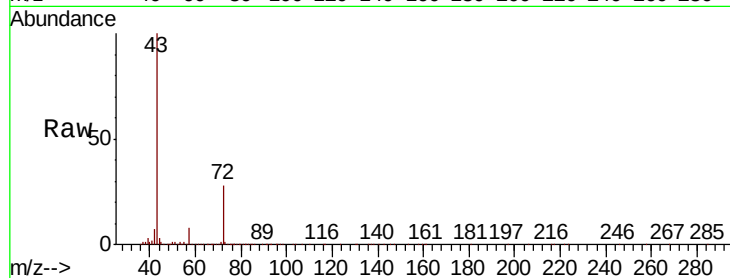




#25
2-Butanone
Concen: 98.448 ug/l
RT: 4.70 min Scan# 581
Delta R.T. -0.01 min
Lab File: VX006293.D
Acq: 05 Dec 2018 11:58

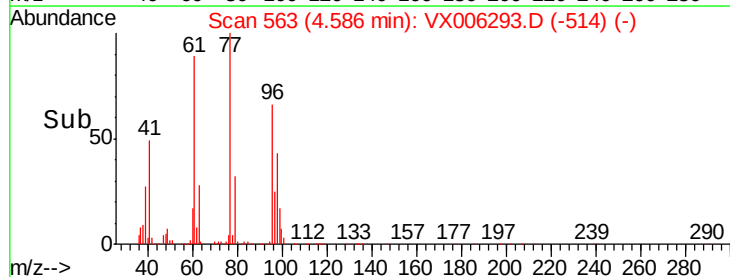
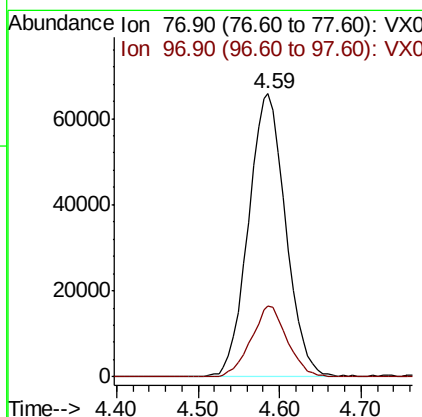
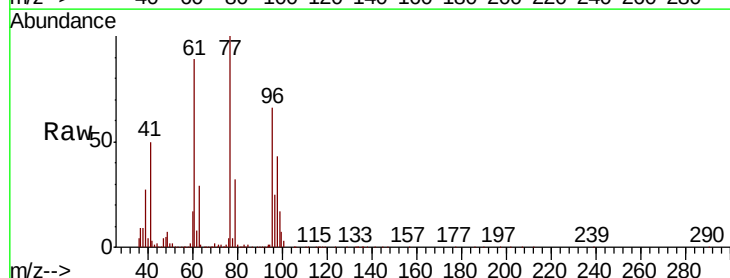
Instrument :
MSVOA_X
ClientSampleId :
VX1205MBS01

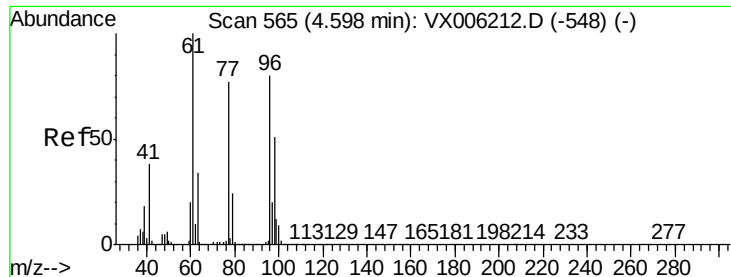
Tot Ion: 43 Resp: 472128
Ion Ratio Lower Upper
43 100
72 27.9 22.6 33.8



#26
2,2-Dichloropropane
Concen: 20.097 ug/l
RT: 4.59 min Scan# 563
Delta R.T. 0.00 min
Lab File: VX006293.D
Acq: 05 Dec 2018 11:58

Tgt Ion: 77 Resp: 207644
Ion Ratio Lower Upper
77 100
97 24.6 12.3 36.8



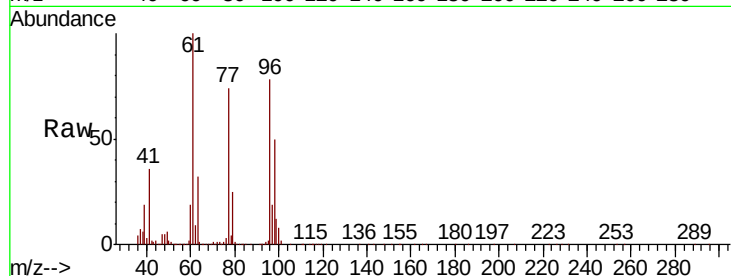


#27

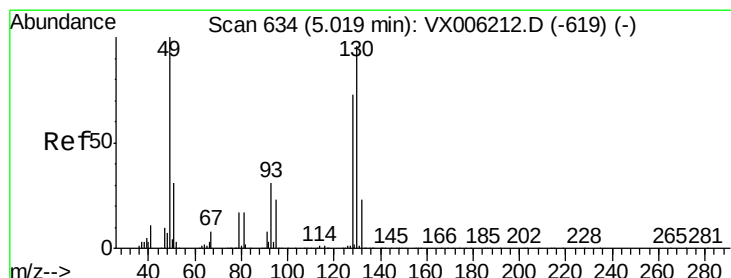
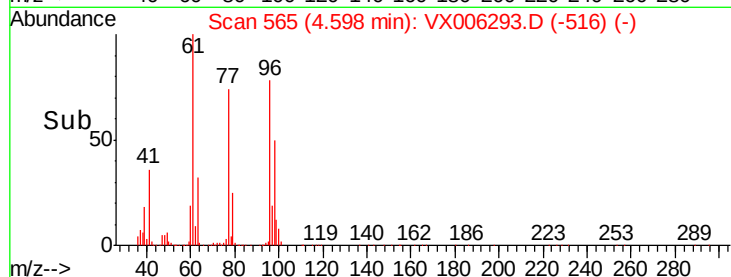
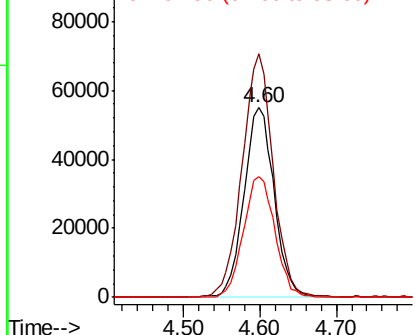
cis-1,2-Dichloroethene
 Concen: 20.047 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX006293.D
 Acq: 05 Dec 2018 11:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1205MBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	131.9	0.0	265.0
98	66.3	0.0	130.2



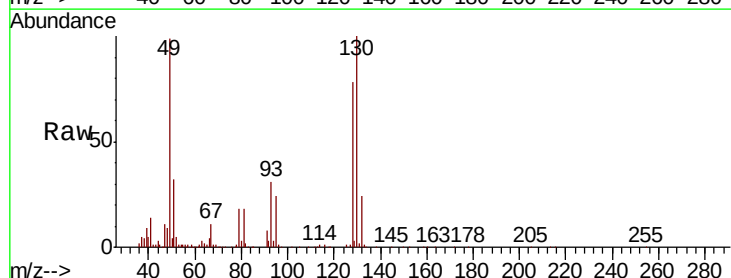
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



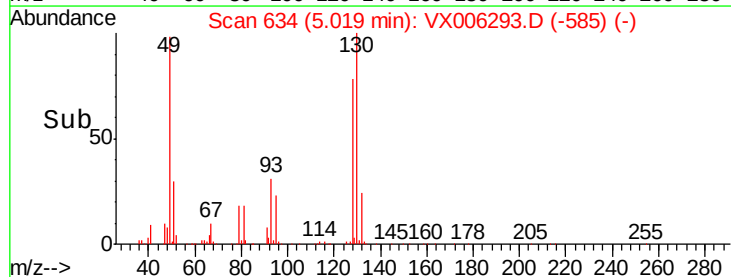
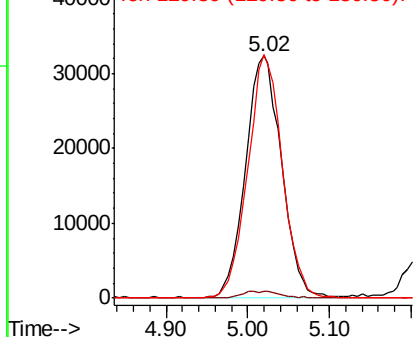
#28

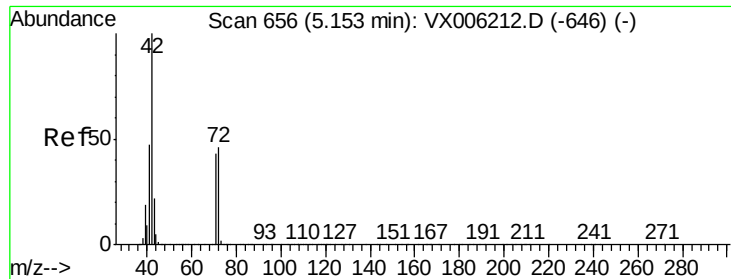
Bromochloromethane
 Concen: 20.251 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: VX006293.D
 Acq: 05 Dec 2018 11:58

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.4	0.0	5.0
130	97.1	78.3	117.5



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: 95.131 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX006293.D

Acq: 05 Dec 2018 11:58

Instrument :

MSVOA_X

ClientSampleId :

VX1205MBS01

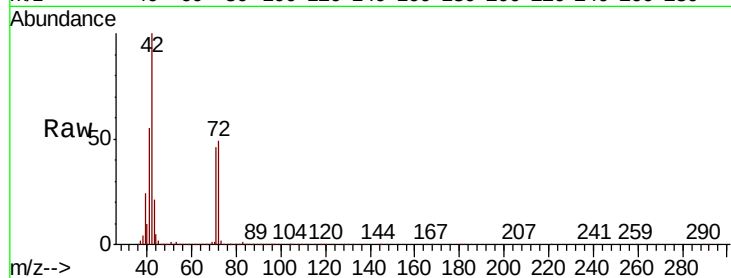
Tot Ion: 42 Resp: 317074

Ion Ratio Lower Upper

42 100

72 49.7 37.8 56.8

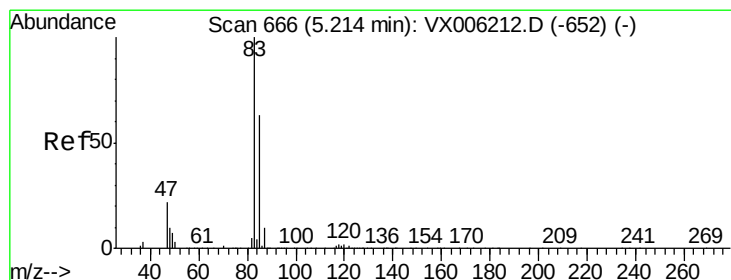
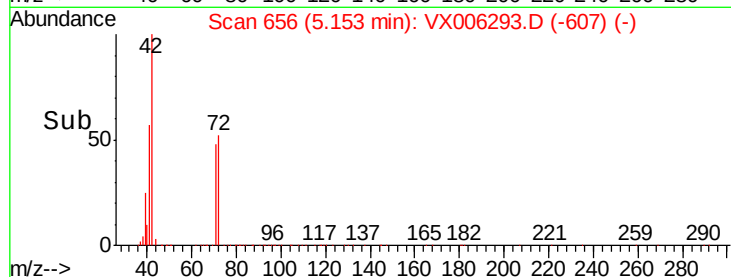
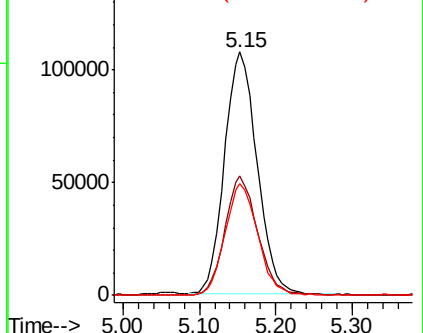
71 46.1 35.2 52.8



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: 20.258 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX006293.D

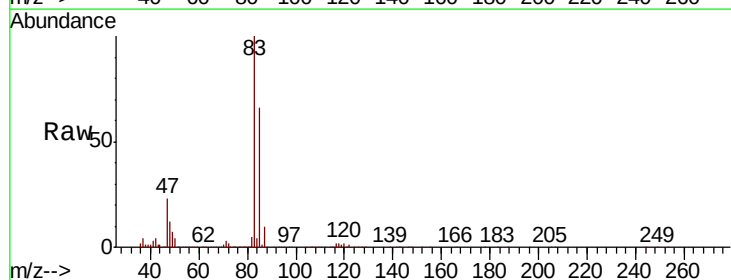
Acq: 05 Dec 2018 11:58

Tgt Ion: 83 Resp: 238342

Ion Ratio Lower Upper

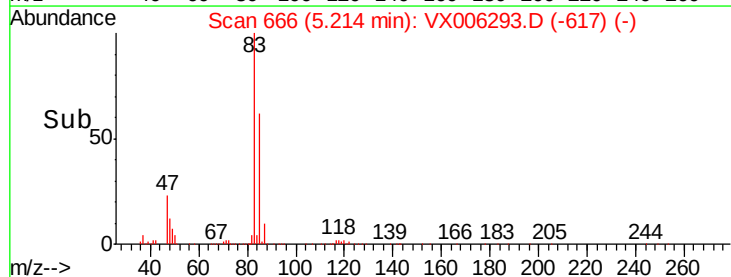
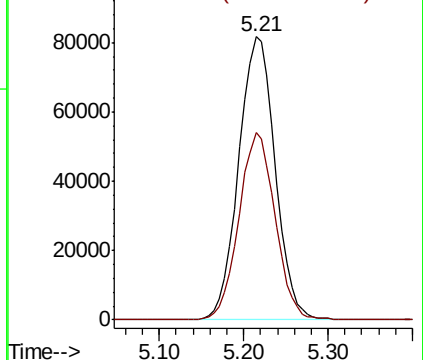
83 100

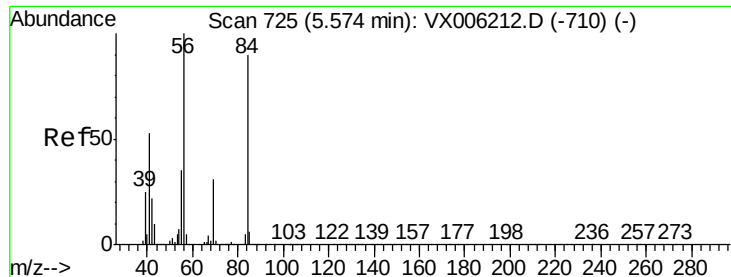
85 66.3 50.3 75.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 19.247 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX006293.D

Acq: 05 Dec 2018 11:58

Instrument :

MSVOA_X

ClientSampleId :

VX1205MBS01

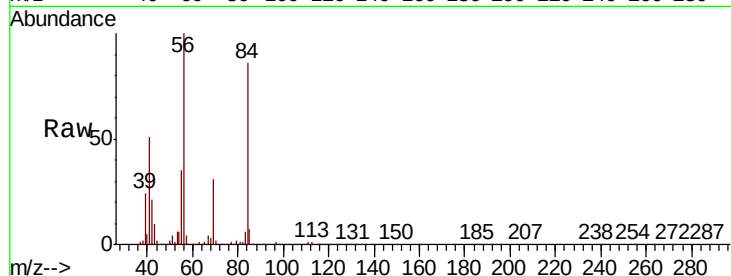
Tot Ion: 56 Resp: 199143

Ion Ratio Lower Upper

56 100

69 31.1 24.5 36.7

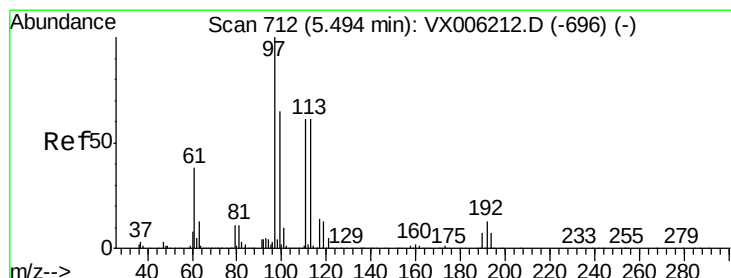
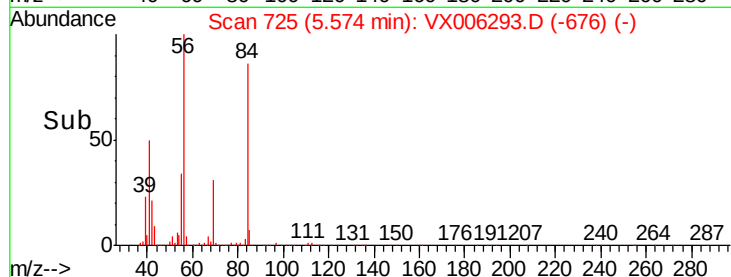
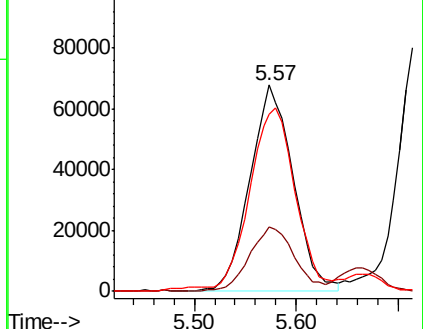
84 84.2 71.8 107.6



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 19.689 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX006293.D

Acq: 05 Dec 2018 11:58

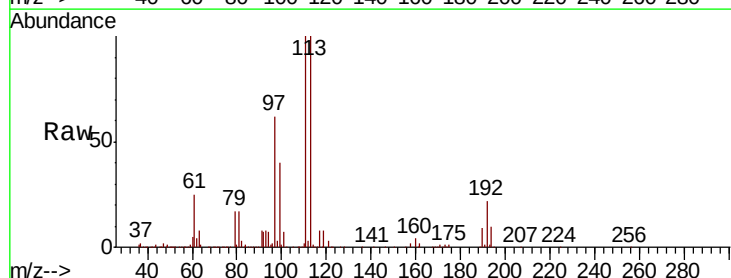
Tgt Ion: 97 Resp: 220407

Ion Ratio Lower Upper

97 100

99 65.8 51.6 77.4

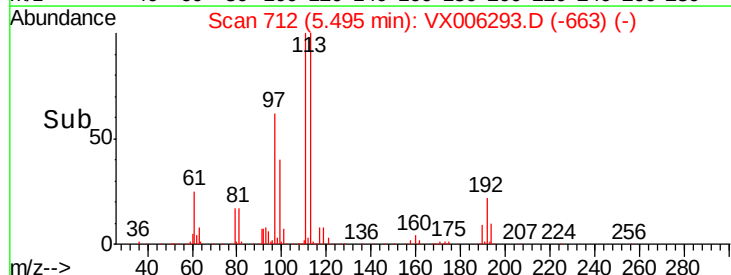
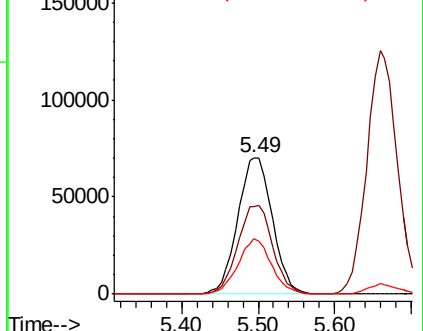
61 39.1 30.6 46.0

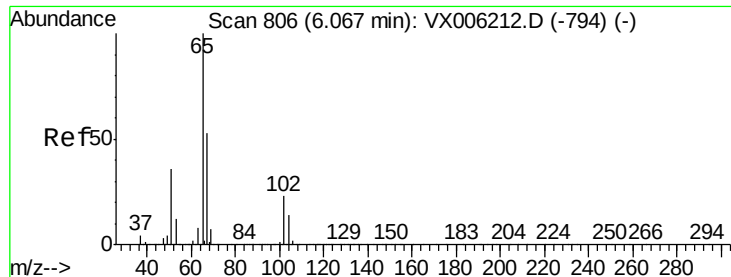


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

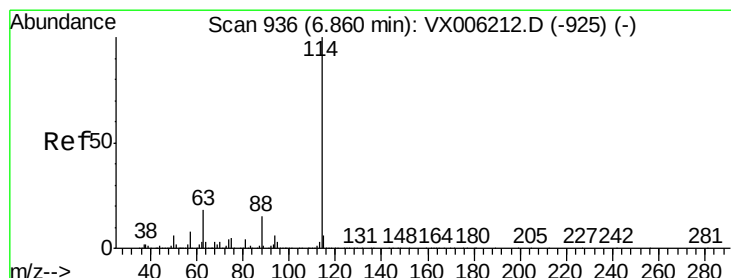
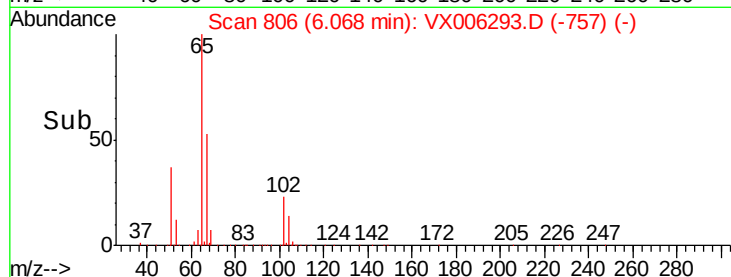
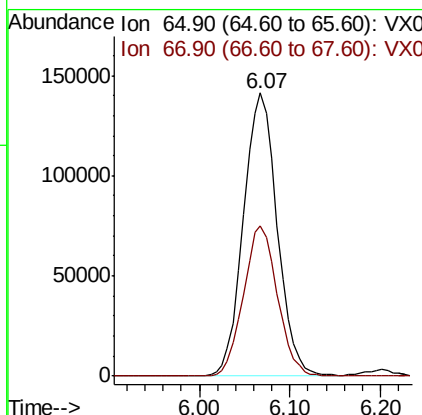
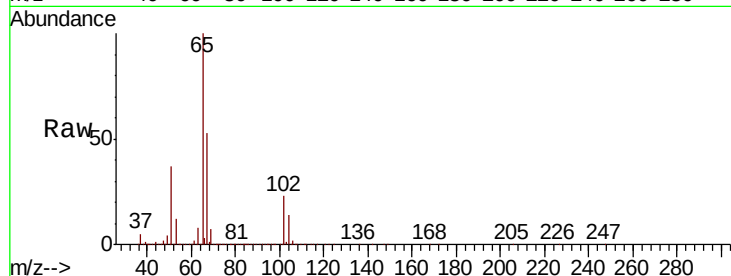




#33
 1,2-Dichloroethane-d4
 Concen: 50.772 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX006293.D
 Acq: 05 Dec 2018 11:58

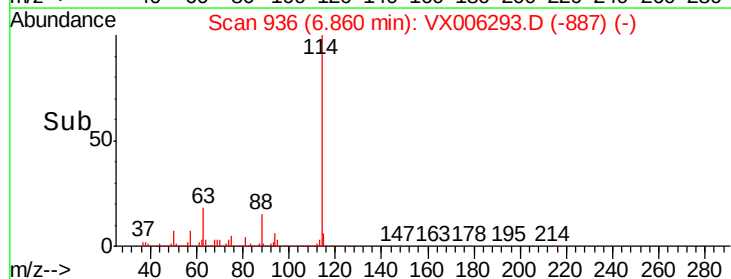
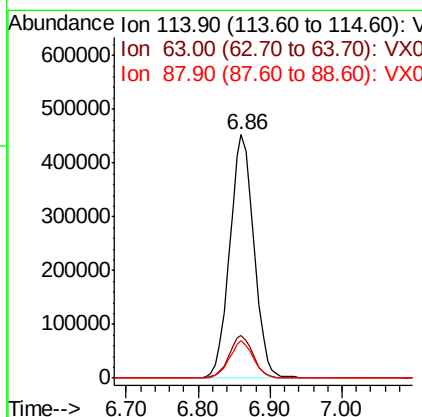
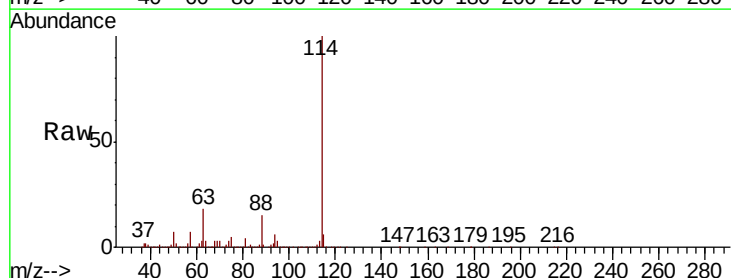
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1205MBS01

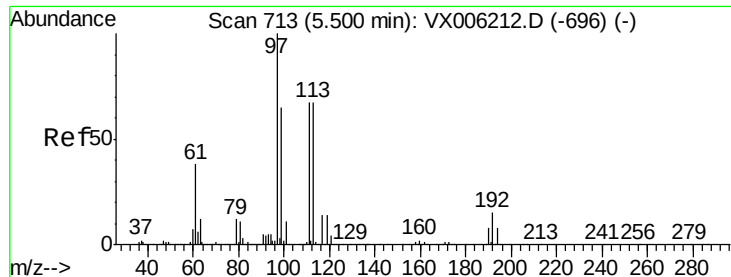
Tot Ion: 65 Resp: 363624
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX006293.D
 Acq: 05 Dec 2018 11:58

Tgt Ion: 114 Resp: 1056586
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 36.6
 88 15.4 0.0 29.0

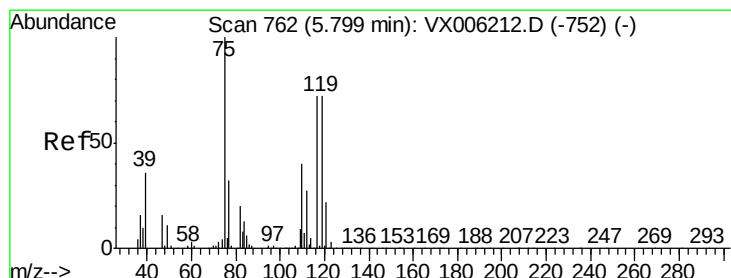
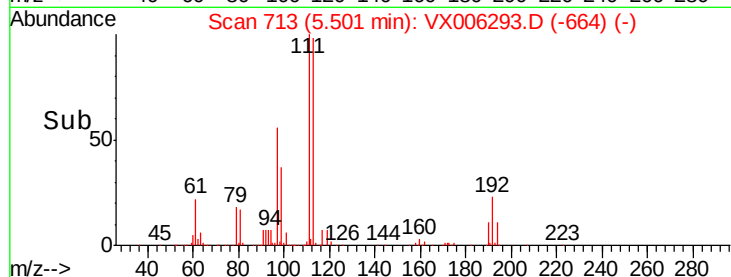
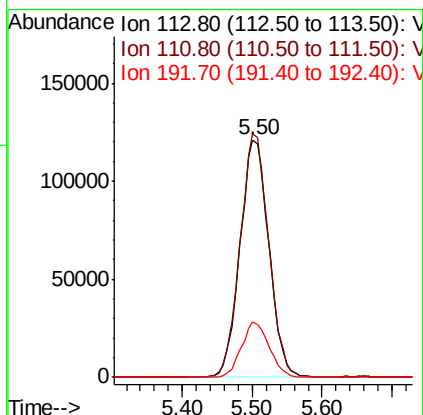
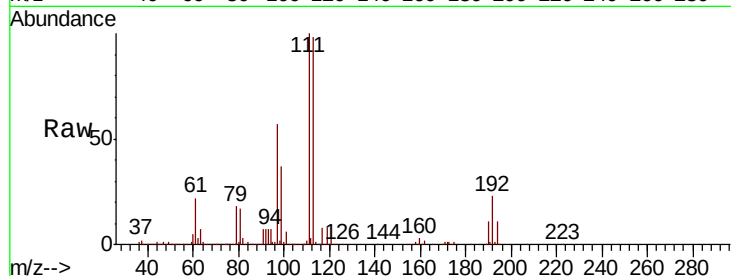




#35
 Dibromofluoromethane
 Concen: 50.811 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX006293.D
 Acq: 05 Dec 2018 11:58

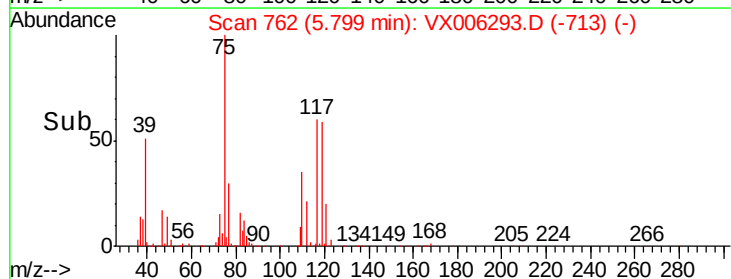
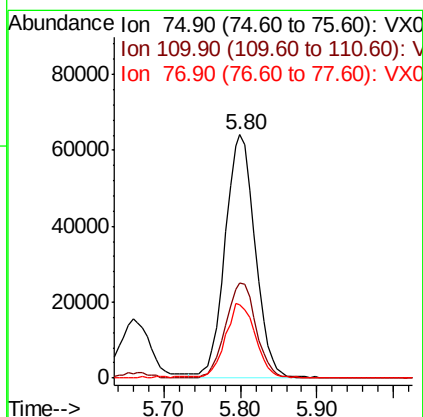
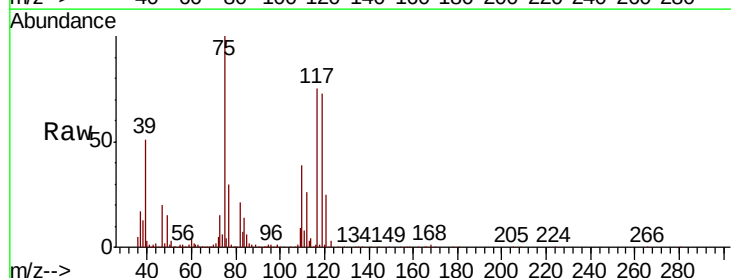
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1205MBS01

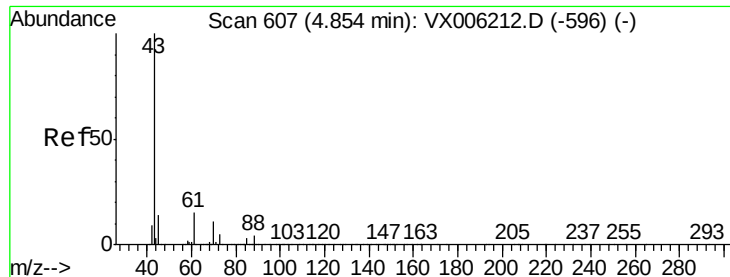
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.1	81.1	121.7
192	22.4	18.2	27.2



#36
 1,1-Dichloropropene
 Concen: 19.435 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX006293.D
 Acq: 05 Dec 2018 11:58

Tgt Ion	Ratio	Lower	Upper
75	100		
110	39.7	20.4	61.3
77	30.4	24.9	37.3

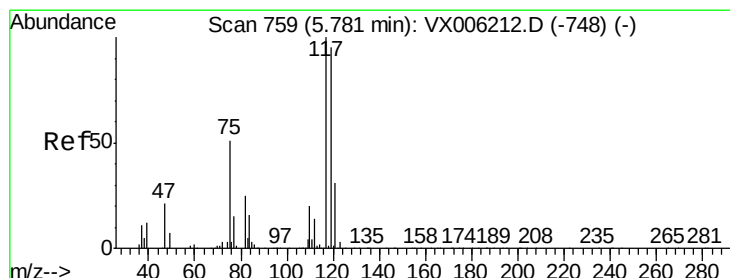
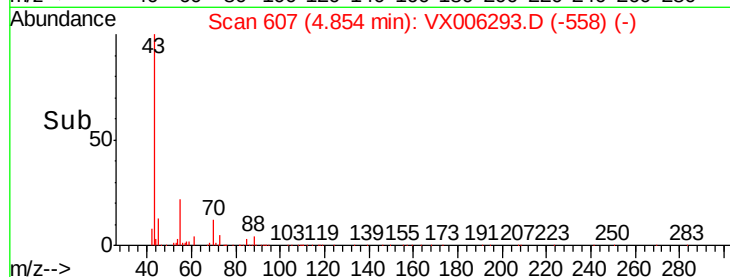
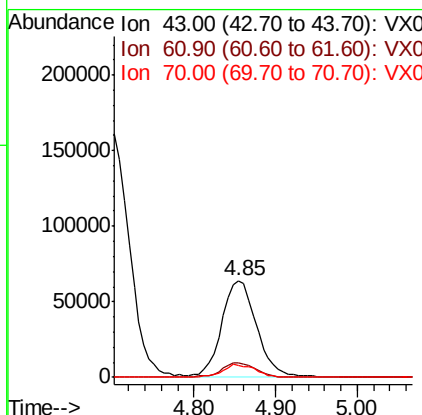
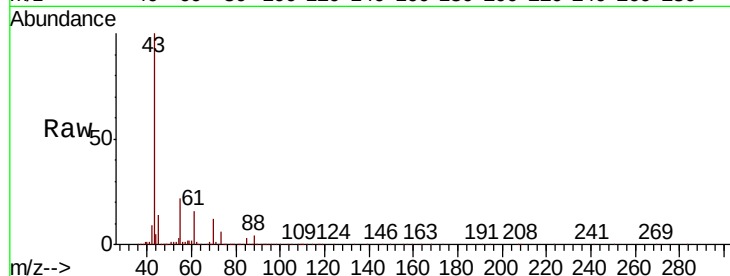




#37
Ethyl Acetate
Concen: 18.750 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX006293.D
Acq: 05 Dec 2018 11:58

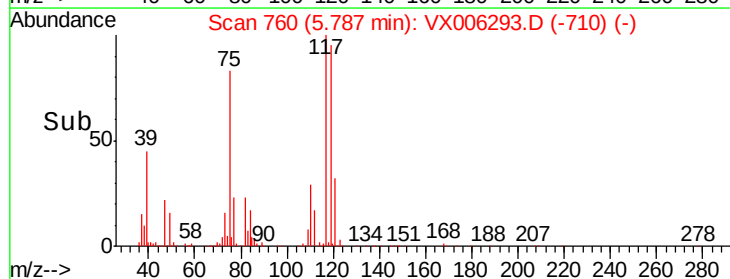
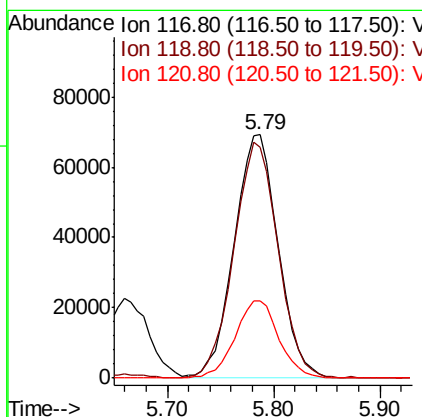
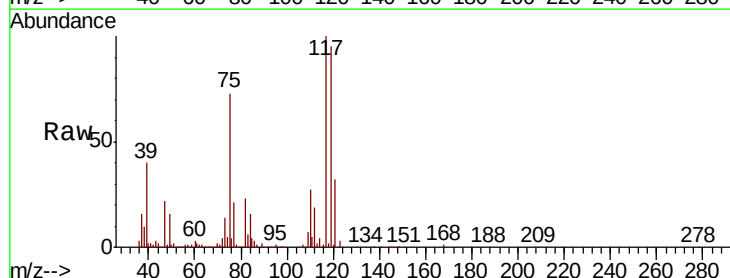
Instrument :
MSVOA_X
ClientSampleId :
VX1205MBS01

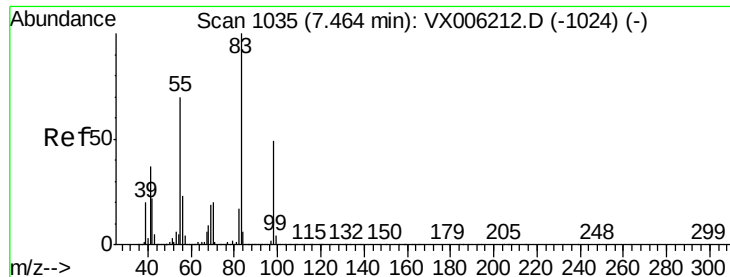
Tot Ion: 43 Resp: 186822
Ion Ratio Lower Upper
43 100
61 14.9 11.5 17.3
70 12.9 9.0 13.6



#38
Carbon Tetrachloride
Concen: 19.055 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX006293.D
Acq: 05 Dec 2018 11:58

Tgt Ion: 117 Resp: 199451
Ion Ratio Lower Upper
117 100
119 94.6 75.8 113.8
121 31.4 24.6 37.0

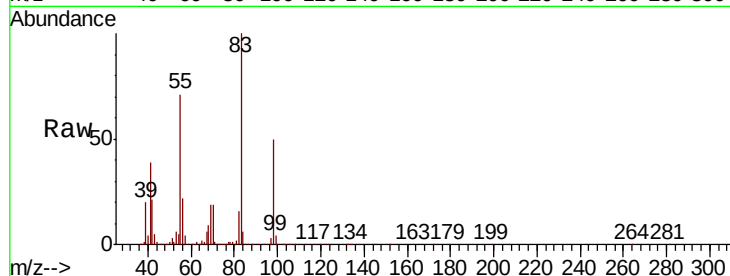




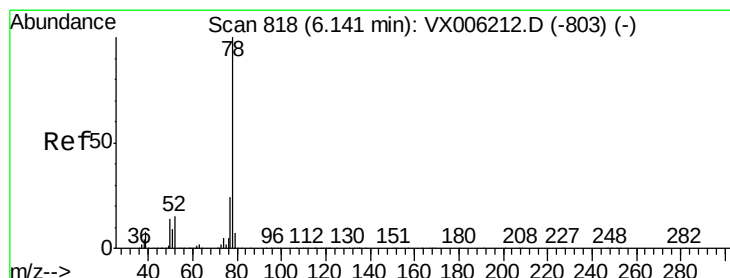
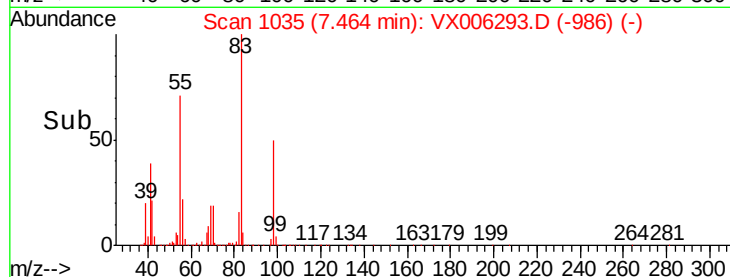
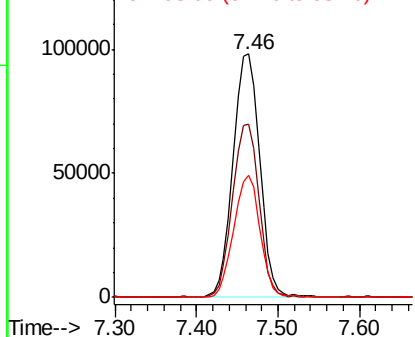
#39
Methylvlcyclohexane
Concen: 19.234 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX006293.D
Acq: 05 Dec 2018 11:58

Instrument :
MSVOA_X
ClientSampleId :
VX1205MBS01

Tot Ion	83	Resp	222135
Ion Ratio	Lower	Upper	
83	100		
55	70.8	56.4	84.6
98	50.2	39.0	58.6

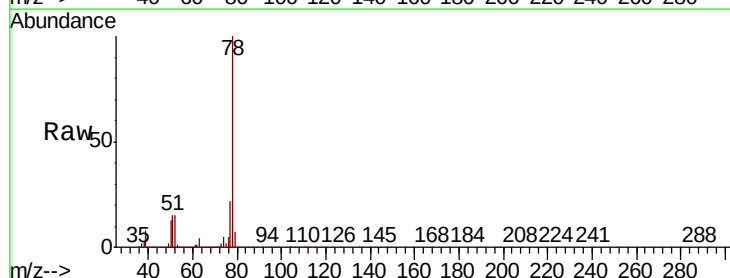


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

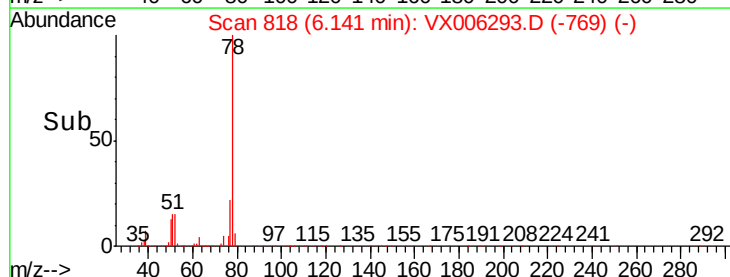
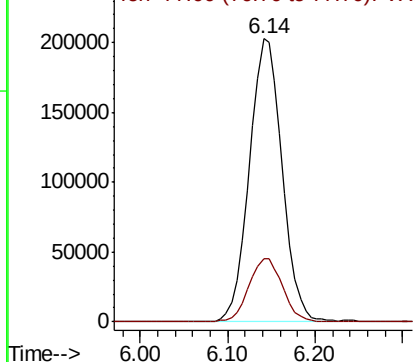


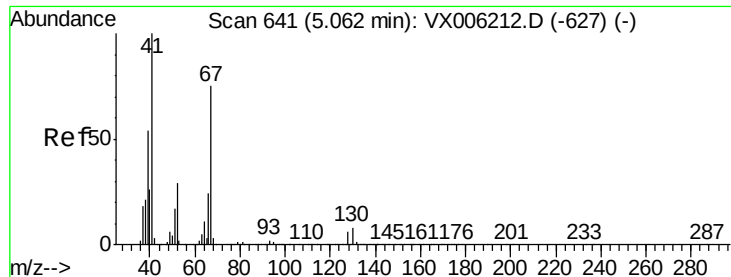
#40
Benzene
Concen: 19.777 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX006293.D
Acq: 05 Dec 2018 11:58

Tgt Ion	78	Resp	527033
Ion Ratio	Lower	Upper	
78	100		
77	22.4	19.2	28.8



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

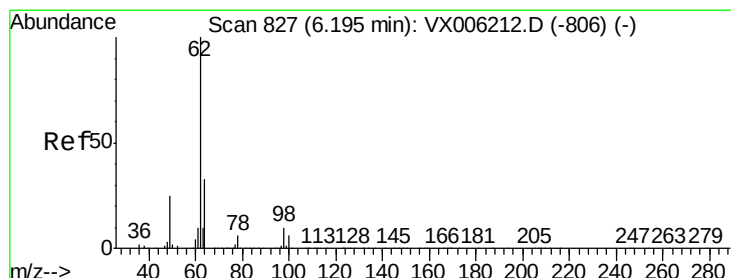
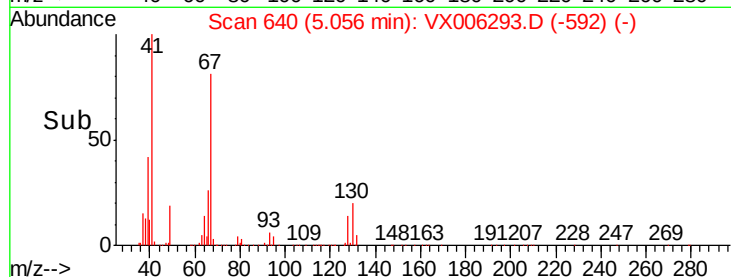
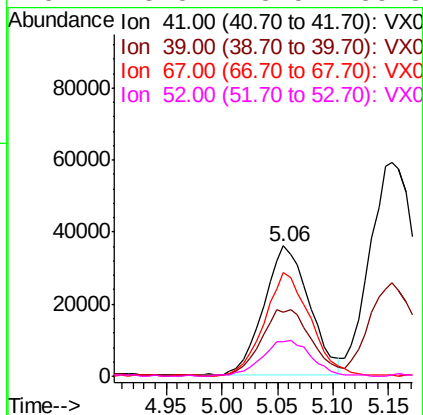
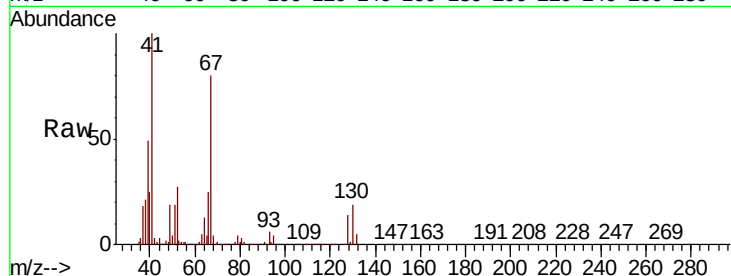




#41
Methacrylonitrile
Concen: 18.708 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX006293.D
Acq: 05 Dec 2018 11:58

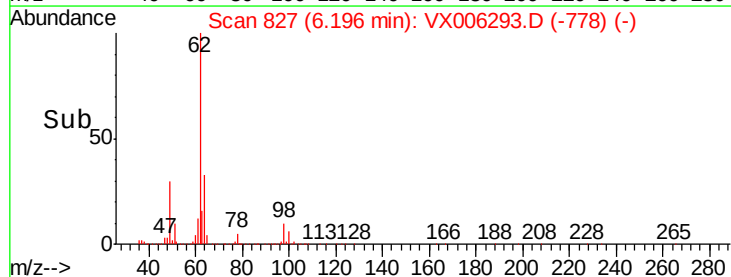
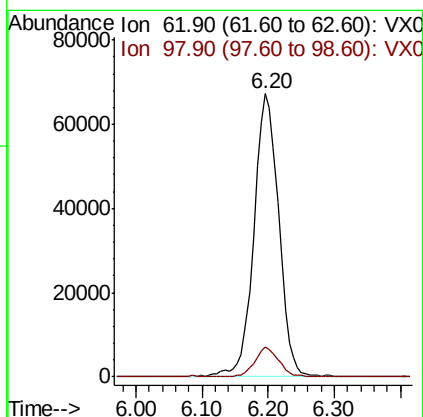
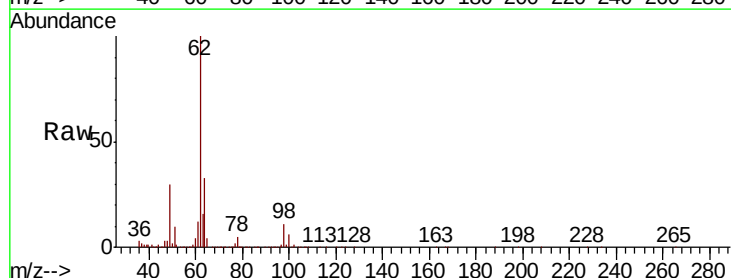
Instrument :
MSVOA_X
ClientSampleId :
VX1205MBS01

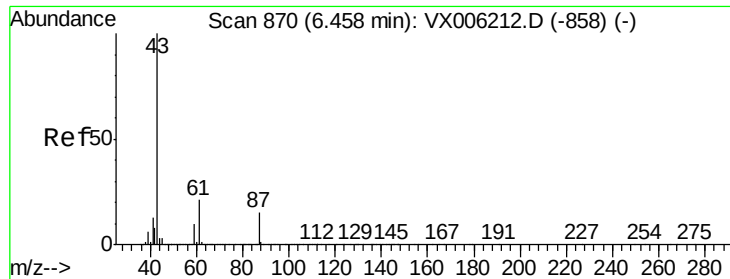
Tot Ion:	41	Resp:	102571
Ion	Ratio	Lower	Upper
41	100		
39	55.2	44.0	66.0
67	80.3	61.4	92.0
52	28.8	23.5	35.3



#42
1,2-Dichloroethane
Concen: 20.270 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX006293.D
Acq: 05 Dec 2018 11:58

Tgt Ion:	62	Resp:	176785
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	20.2





#43

Isopropyl Acetate

Concen: 18.418 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX006293.D

Acq: 05 Dec 2018 11:58

Instrument :

MSVOA_X

ClientSampleId :

VX1205MBS01

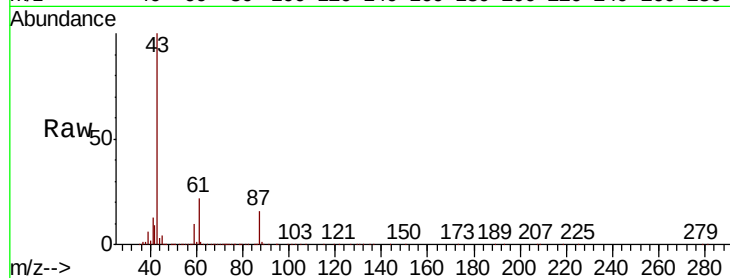
Tot Ion: 43 Resp: 305976

Ion Ratio Lower Upper

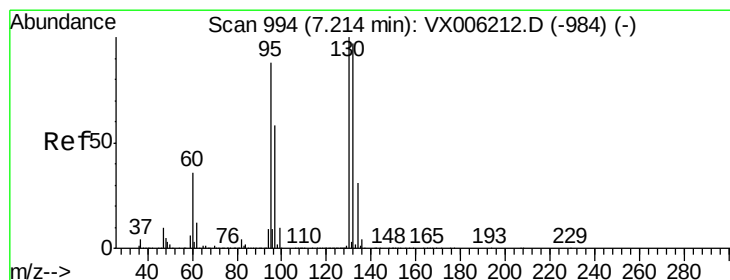
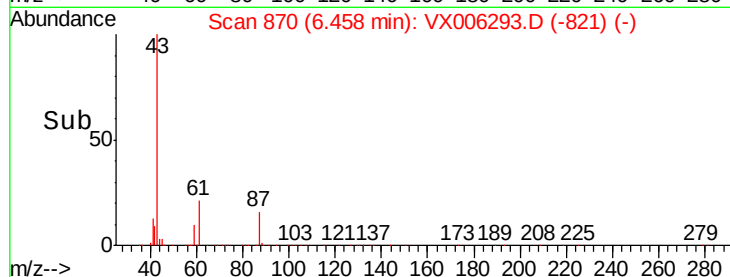
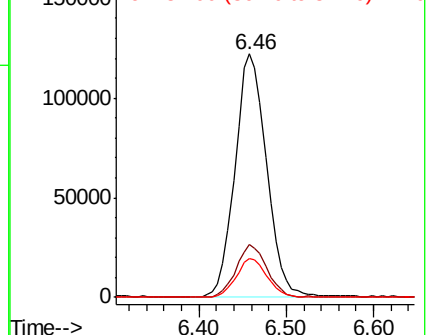
43 100

61 21.2 16.8 25.2

87 15.8 11.9 17.9



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



#44

Trichloroethene

Concen: 19.518 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX006293.D

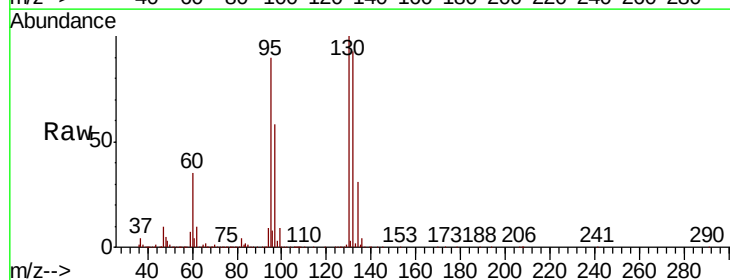
Acq: 05 Dec 2018 11:58

Tgt Ion:130 Resp: 157567

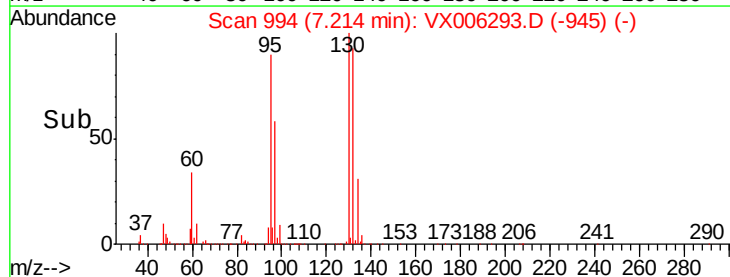
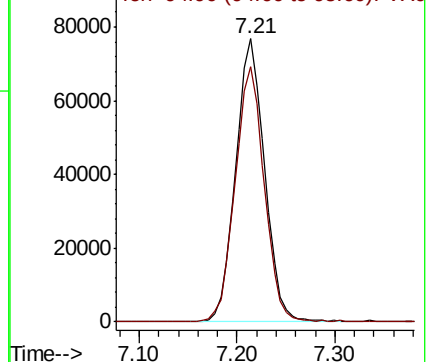
Ion Ratio Lower Upper

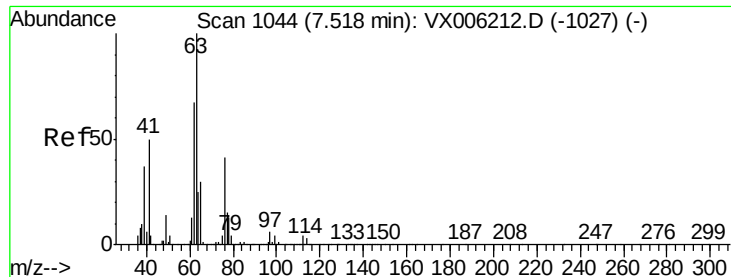
130 100

95 90.2 0.0 175.8



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





#45

1,2-Dichloropropane

Concen: 19.466 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VX006293.D

Acq: 05 Dec 2018 11:58

Instrument :

MSVOA_X

ClientSampleId :

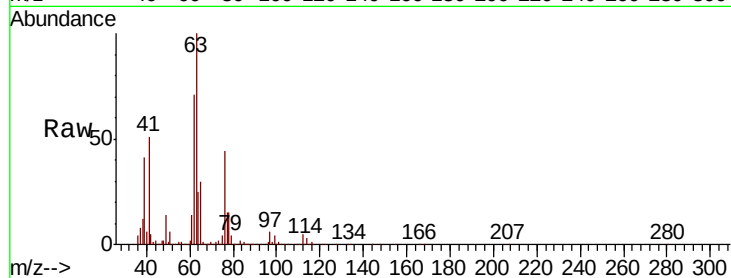
VX1205MBS01

Tot Ion: 63 Resp: 131838

Ion Ratio Lower Upper

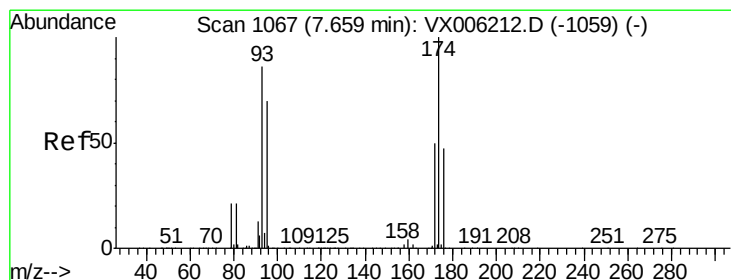
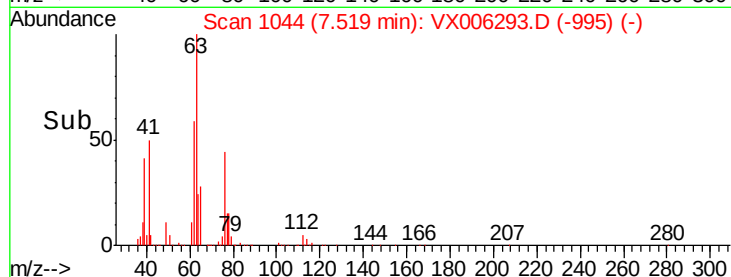
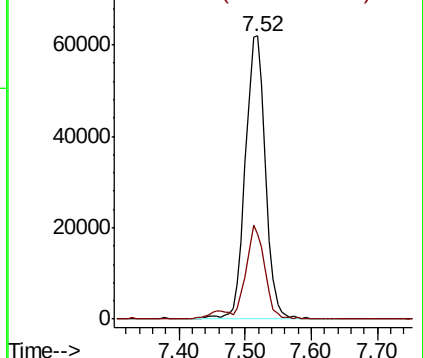
63 100

65 29.9 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 19.537 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX006293.D

Acq: 05 Dec 2018 11:58

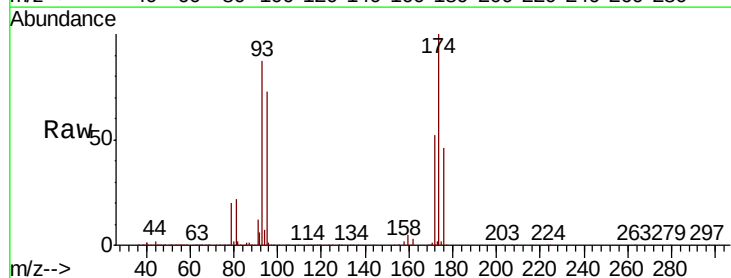
Tgt Ion: 93 Resp: 95563

Ion Ratio Lower Upper

93 100

95 85.5 66.2 99.4

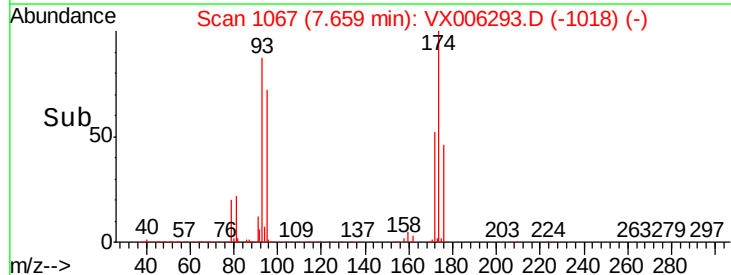
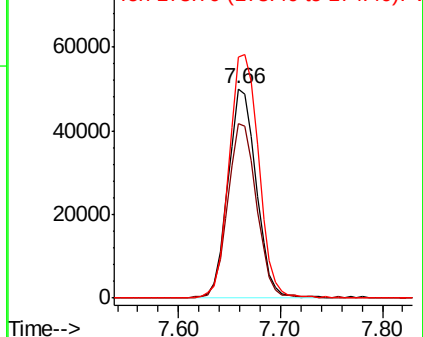
174 121.9 97.2 145.8

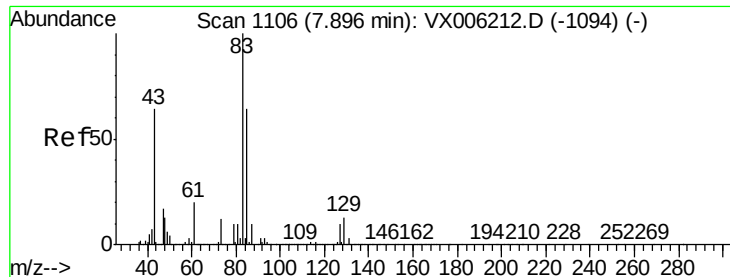


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.388 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX006293.D

Acq: 05 Dec 2018 11:58

Instrument :

MSVOA_X

ClientSampleId :

VX1205MBS01

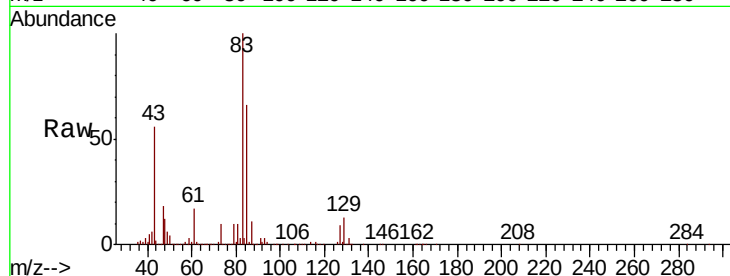
Tot Ion: 83 Resp: 183656

Ion Ratio Lower Upper

83 100

85 65.9 51.4 77.0

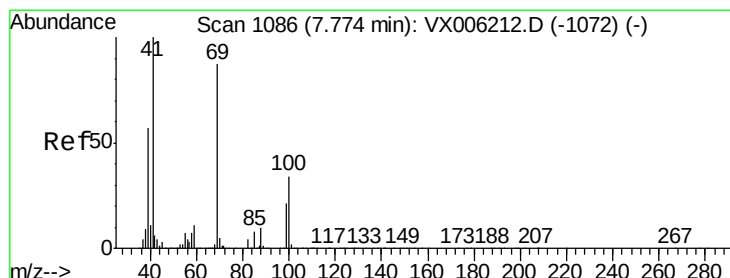
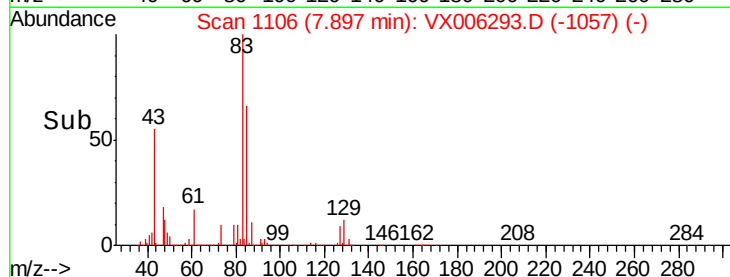
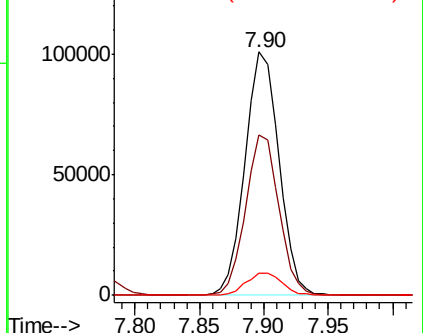
127 9.2 7.9 11.9



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: 18.760 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX006293.D

Acq: 05 Dec 2018 11:58

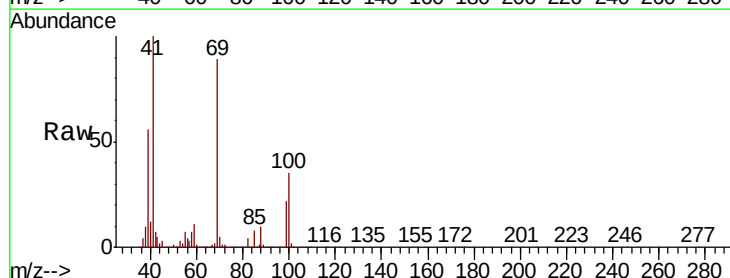
Tgt Ion: 41 Resp: 151616

Ion Ratio Lower Upper

41 100

69 91.7 70.3 105.5

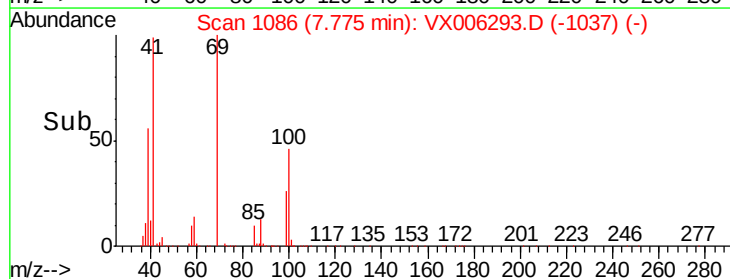
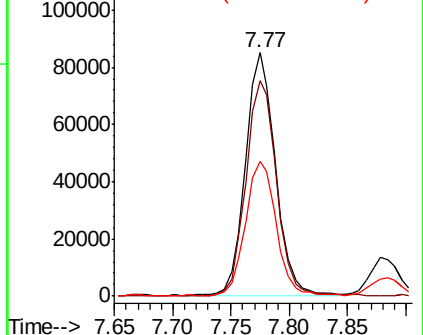
39 56.6 45.3 67.9

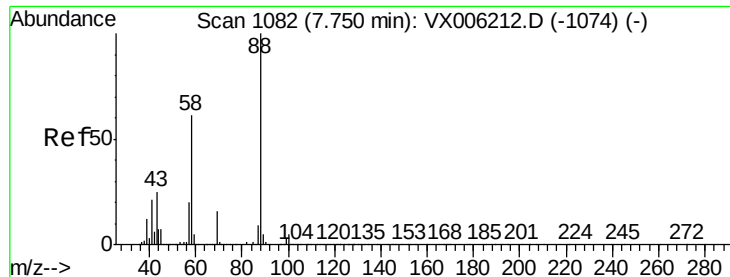


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 388.105 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX006293.D

Acq: 05 Dec 2018 11:58

Instrument :

MSVOA_X

ClientSampleId :

VX1205MBS01

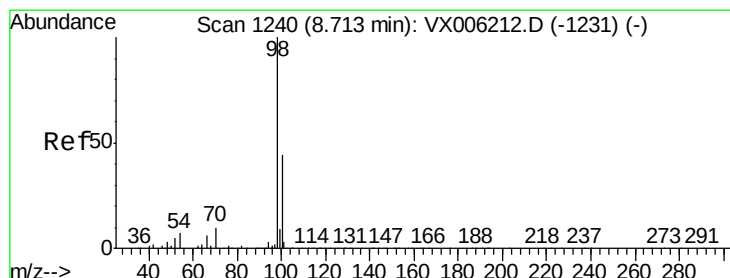
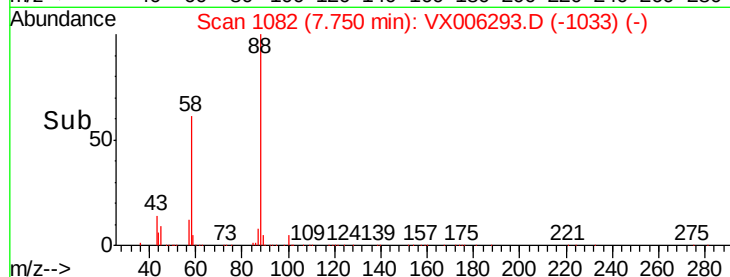
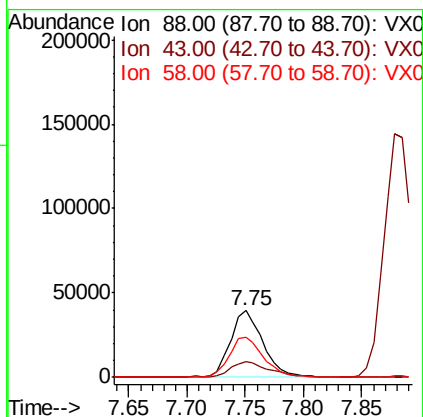
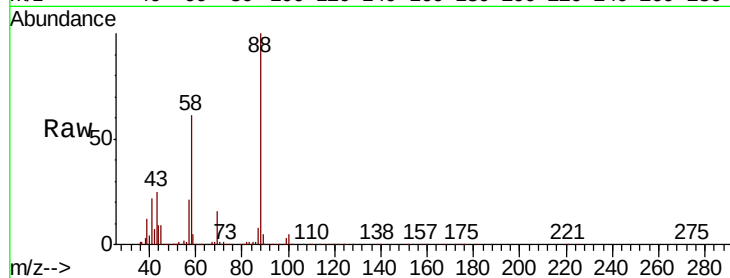
Tot Ion: 88 Resp: 77308

Ion Ratio Lower Upper

88 100

43 27.7 23.2 34.8

58 63.4 51.4 77.0



#50

Toluene-d8

Concen: 50.152 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006293.D

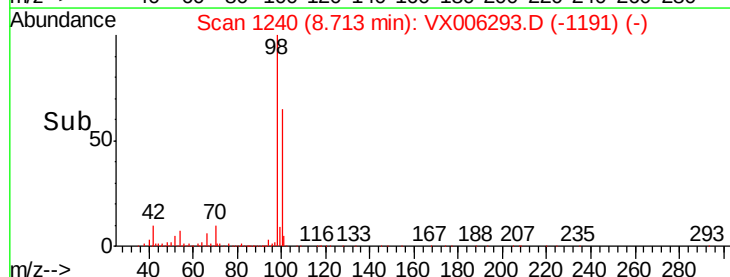
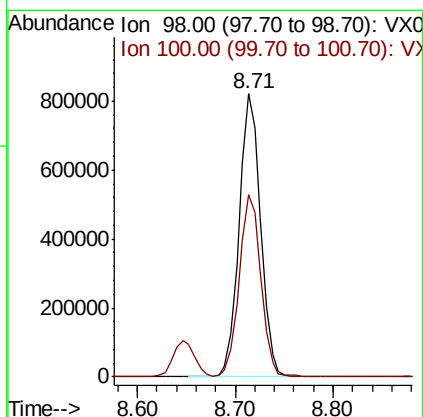
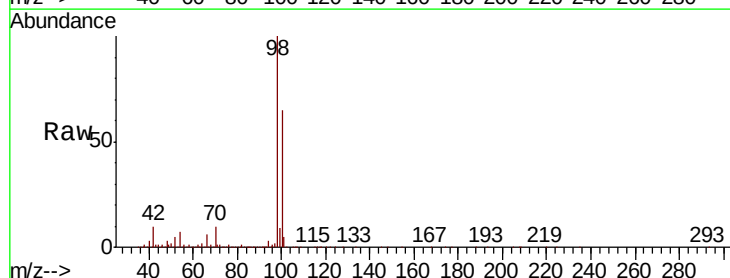
Acq: 05 Dec 2018 11:58

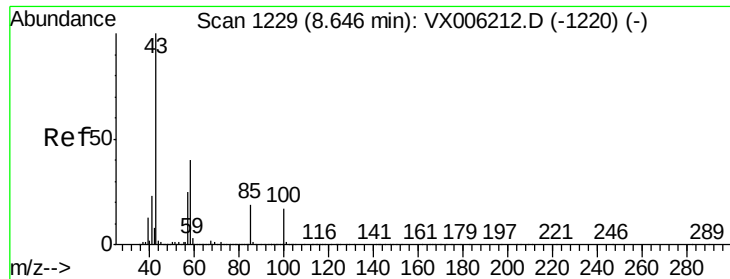
Tgt Ion: 98 Resp: 1247964

Ion Ratio Lower Upper

98 100

100 65.0 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 96.603 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX006293.D

Acq: 05 Dec 2018 11:58

Instrument :

MSVOA_X

ClientSampleId :

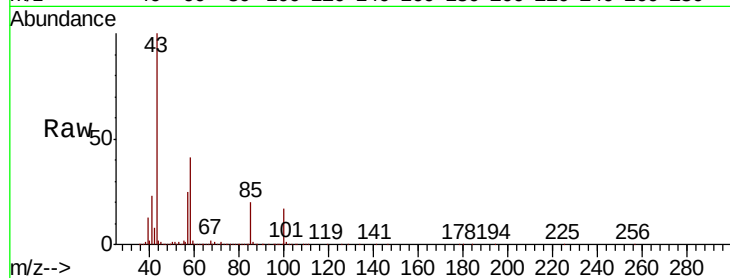
VX1205MBS01

Tot Ion: 43 Resp: 934262

Ion Ratio Lower Upper

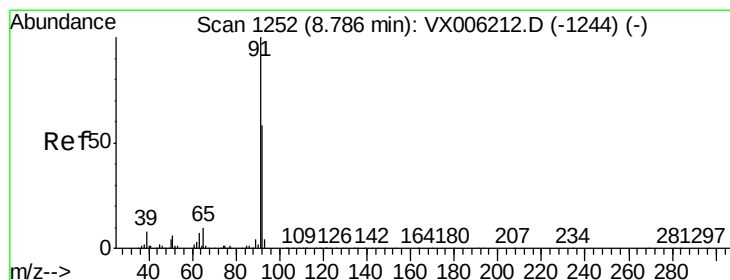
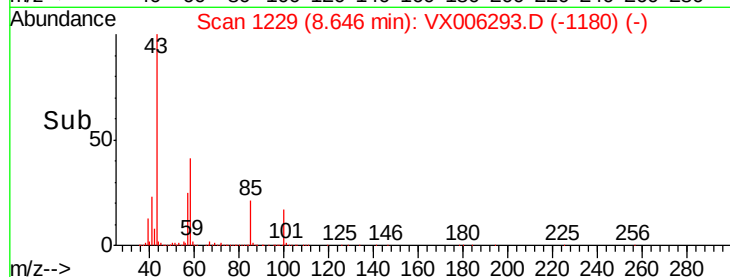
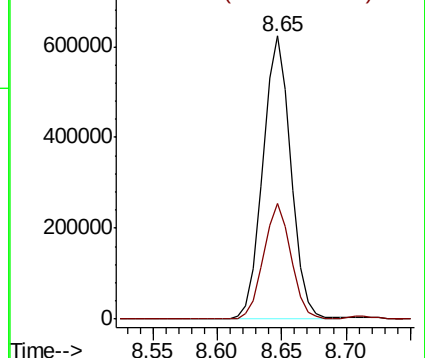
43 100

58 40.2 31.3 46.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 19.595 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX006293.D

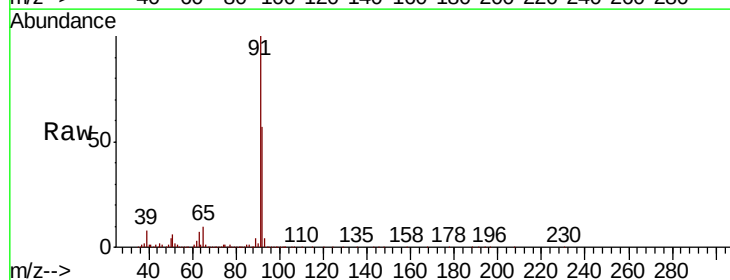
Acq: 05 Dec 2018 11:58

Tgt Ion: 92 Resp: 343552

Ion Ratio Lower Upper

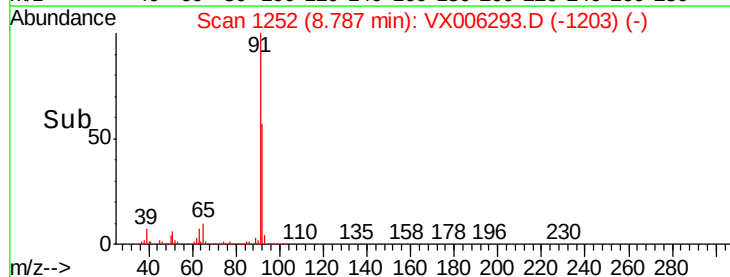
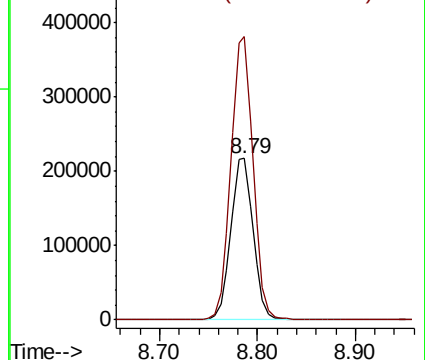
92 100

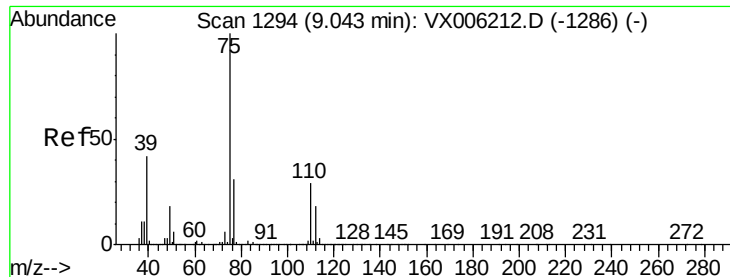
91 173.9 139.2 208.8



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 18.680 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX006293.D

Acq: 05 Dec 2018 11:58

Instrument :

MSVOA_X

ClientSampleId :

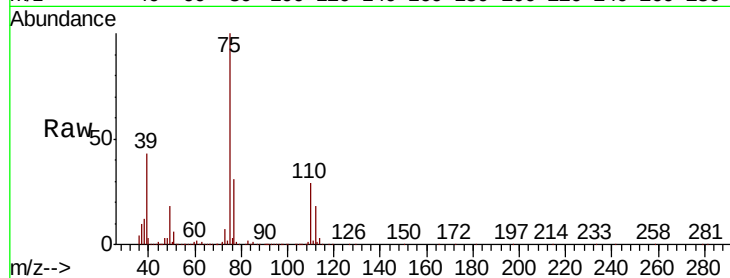
VX1205MBS01

Tot Ion: 75 Resp: 206938

Ion Ratio Lower Upper

75 100

77 30.8 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

150000

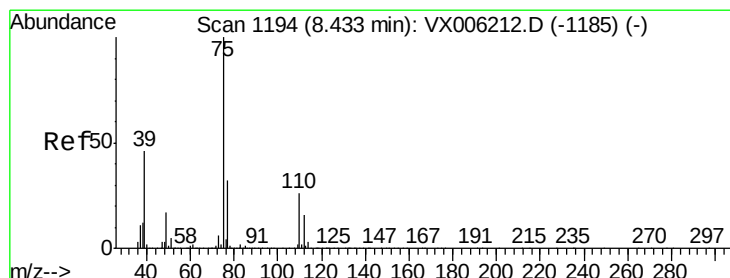
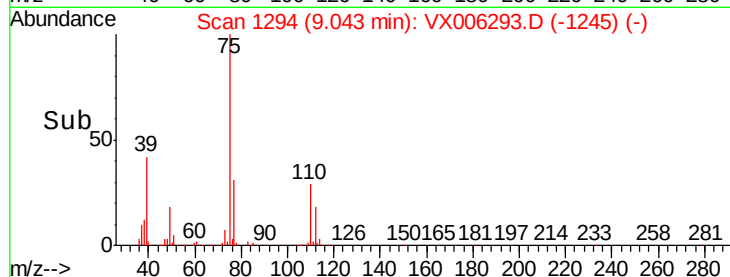
100000

50000

0

9.00 9.10

Time-->



#54

cis-1,3-Dichloropropene

Concen: 19.076 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX006293.D

Acq: 05 Dec 2018 11:58

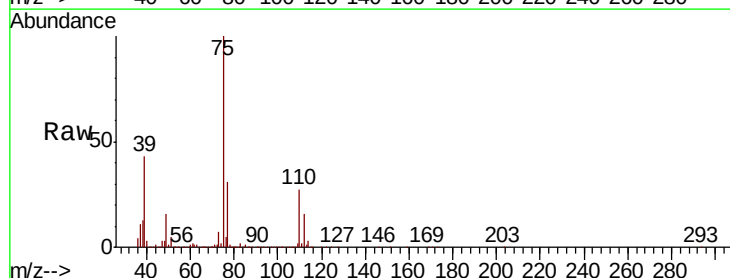
Tgt Ion: 75 Resp: 219435

Ion Ratio Lower Upper

75 100

77 31.3 25.6 38.4

39 42.9 36.5 54.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.43

150000

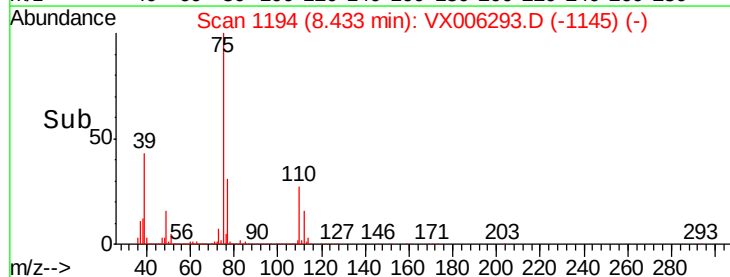
100000

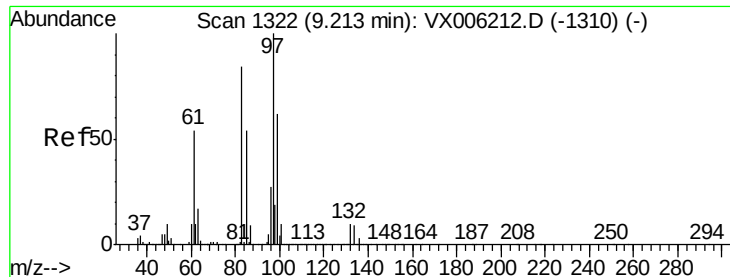
50000

0

8.30 8.40 8.50

Time-->

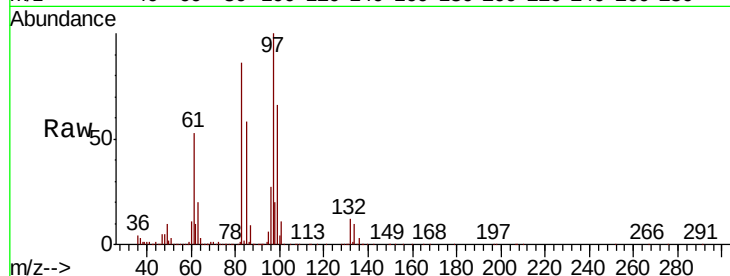




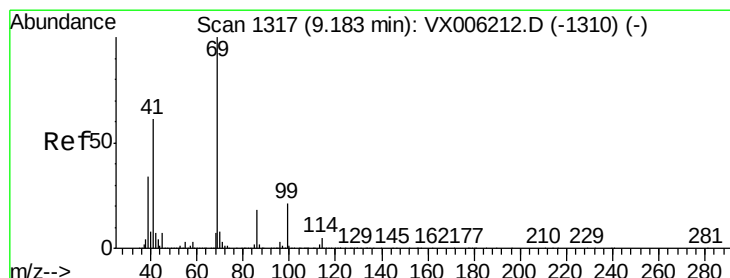
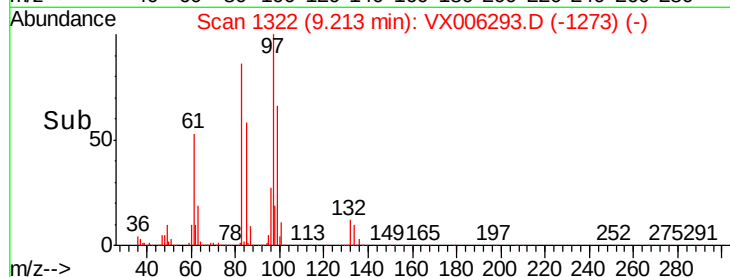
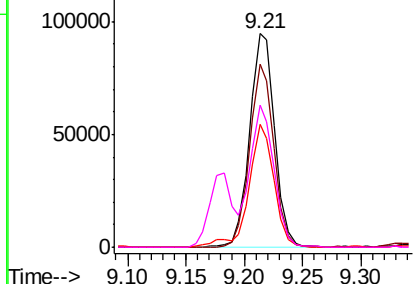
#55
 1,1,2-Trichloroethane
 Concen: 19.921 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX006293.D
 Acq: 05 Dec 2018 11:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1205MBS01

Tot Ion:	97	Resp:	141892
Ion	Ratio	Lower	Upper
97	100		
83	85.8	67.1	100.7
85	57.6	43.2	64.8
99	66.1	49.8	74.6

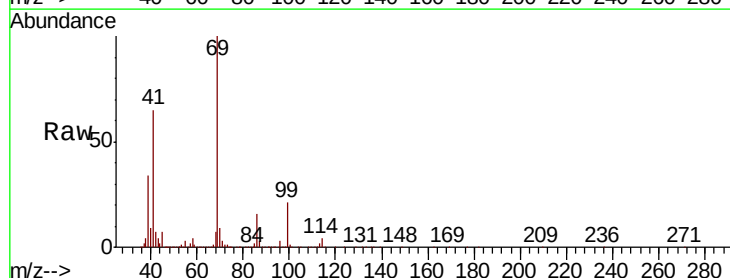


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

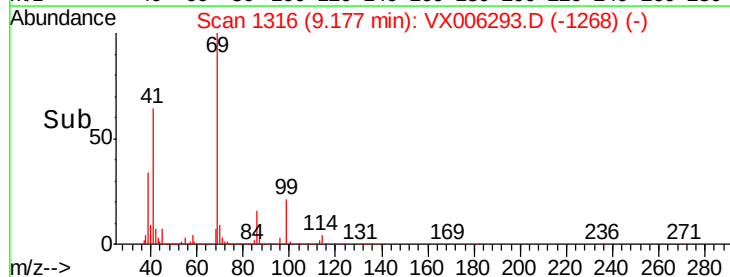
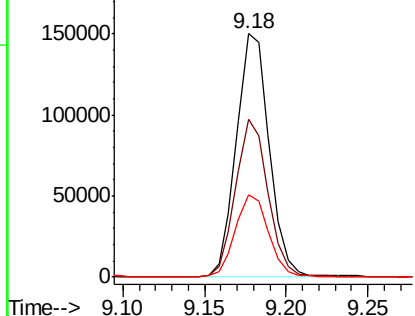


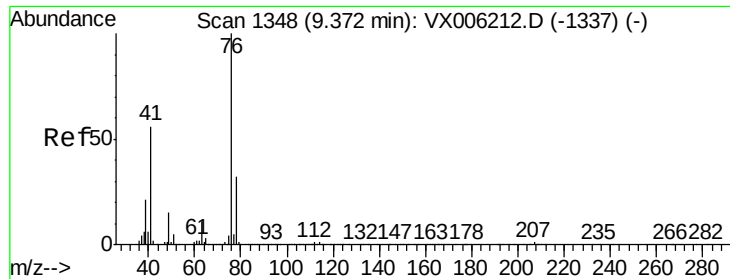
#56
 Ethyl methacrylate
 Concen: 18.965 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: VX006293.D
 Acq: 05 Dec 2018 11:58

Tgt Ion:	69	Resp:	211176
Ion	Ratio	Lower	Upper
69	100		
41	63.5	50.6	76.0
39	33.8	27.6	41.4



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0

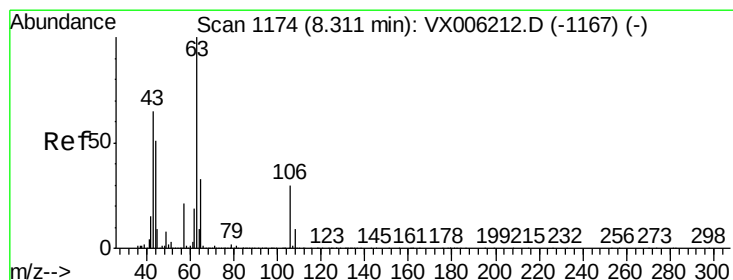
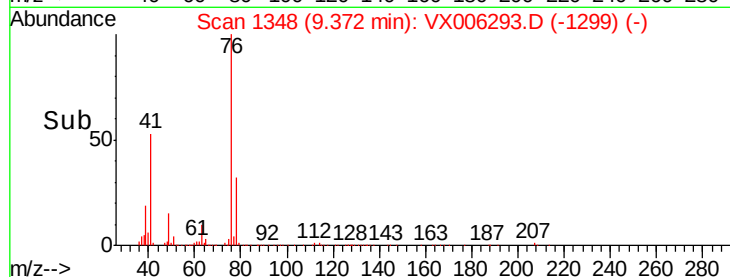
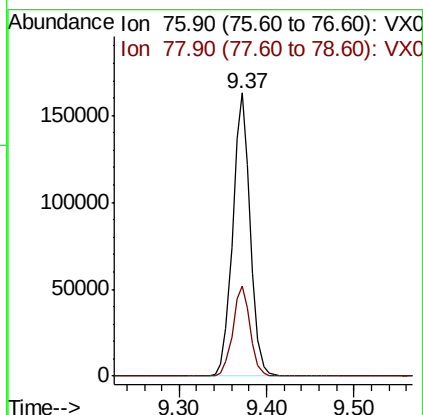
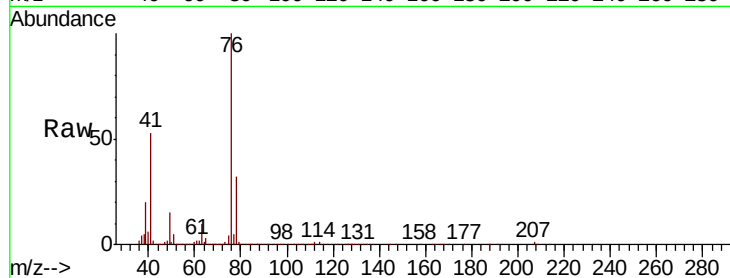




#57
 1,3-Dichloropropane
 Concen: 20.182 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX006293.D
 Acq: 05 Dec 2018 11:58

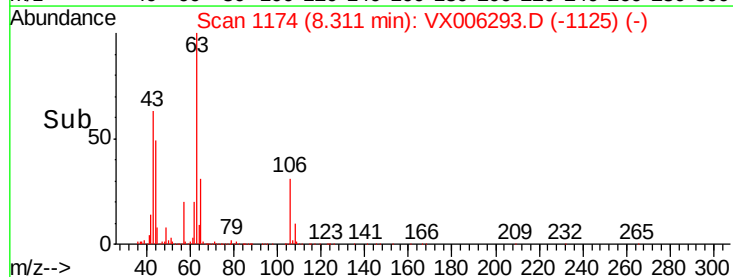
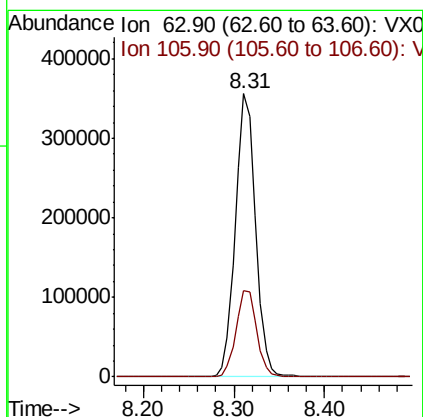
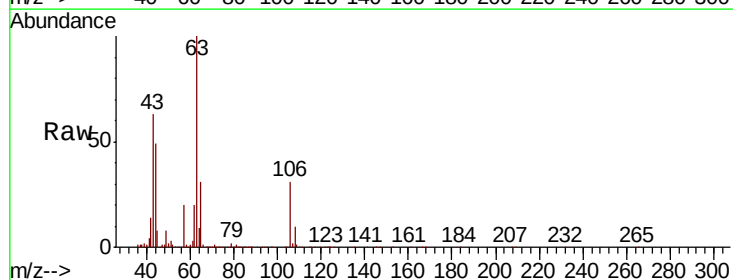
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1205MBS01

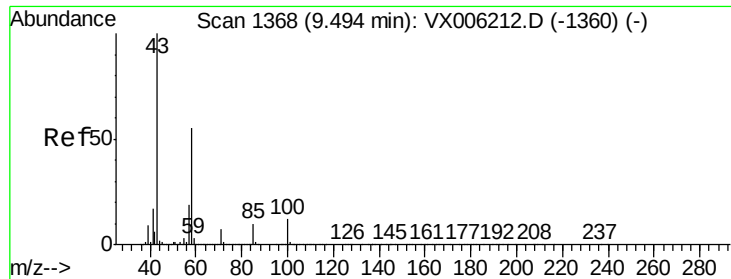
Tot Ion: 76 Resp: 227313
 Ion Ratio Lower Upper
 76 100
 78 31.9 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 96.944 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX006293.D
 Acq: 05 Dec 2018 11:58

Tgt Ion: 63 Resp: 547775
 Ion Ratio Lower Upper
 63 100
 106 31.6 24.9 37.3

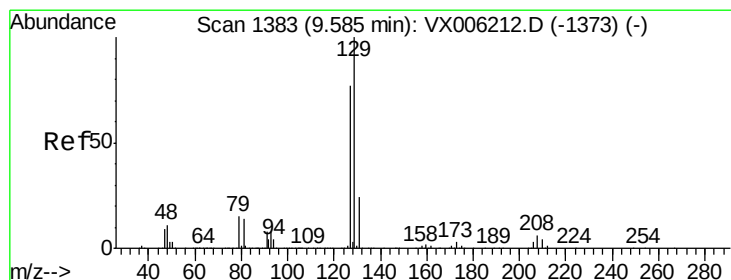
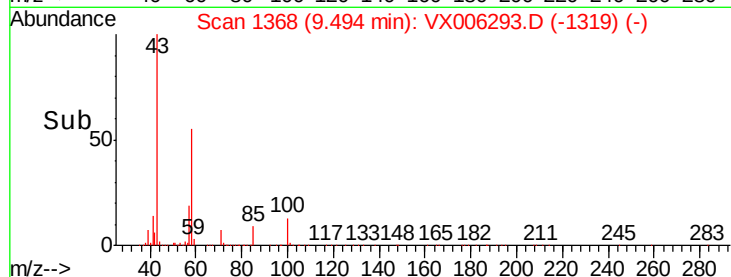
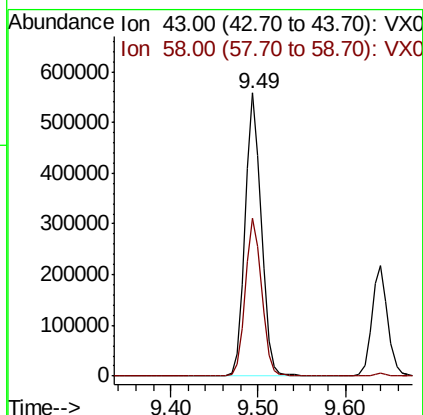
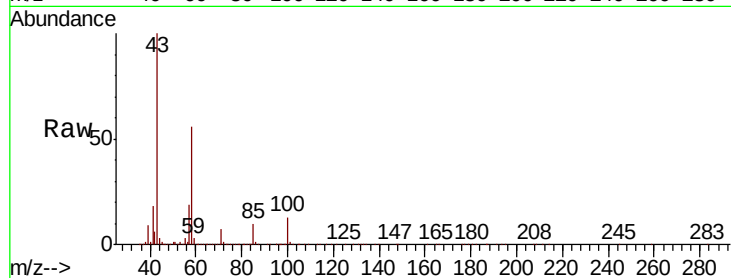




#59
2-Hexanone
Concen: 96.968 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006293.D
Acq: 05 Dec 2018 11:58

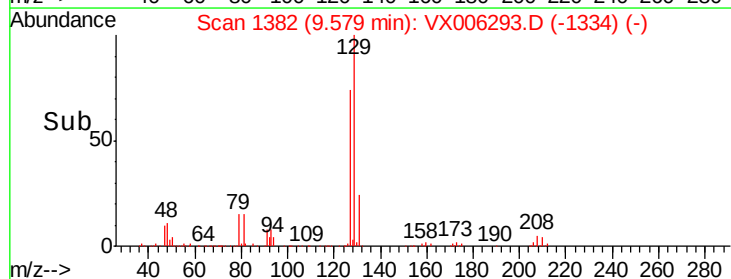
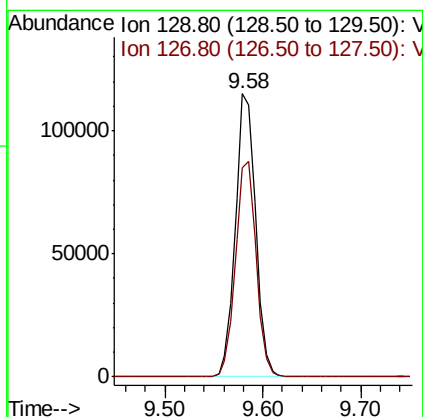
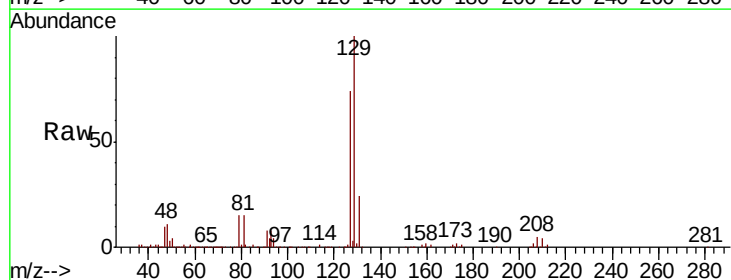
Instrument :
MSVOA_X
ClientSampleId :
VX1205MBS01

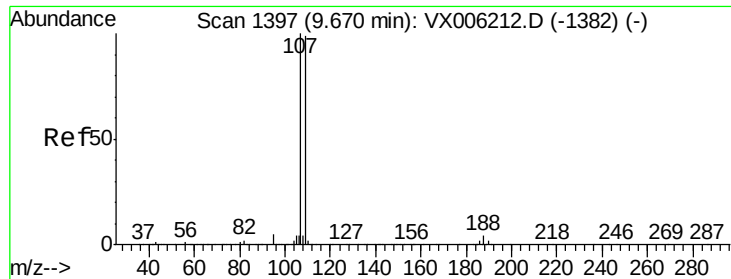
Tot Ion: 43 Resp: 716475
Ion Ratio Lower Upper
43 100
58 56.4 27.7 83.1



#60
Dibromochloromethane
Concen: 18.881 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.01 min
Lab File: VX006293.D
Acq: 05 Dec 2018 11:58

Tgt Ion: 129 Resp: 165825
Ion Ratio Lower Upper
129 100
127 77.4 38.6 115.8





#61

1,2-Dibromoethane

Concen: 19.530 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX006293.D

Acq: 05 Dec 2018 11:58

Instrument :

MSVOA_X

ClientSampleId :

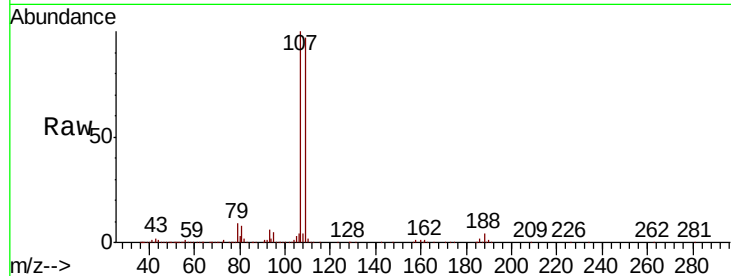
VX1205MBS01

Tot Ion:107 Resp: 155538

Ion Ratio Lower Upper

107 100

109 96.7 76.3 114.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

120000

100000

80000

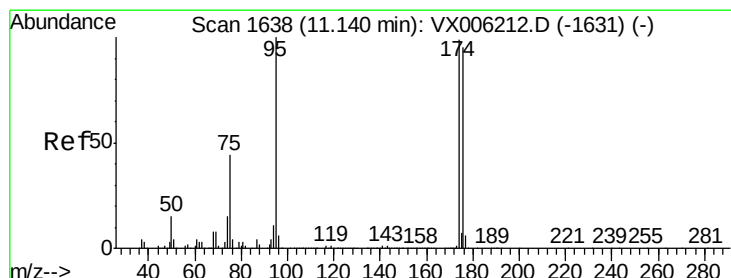
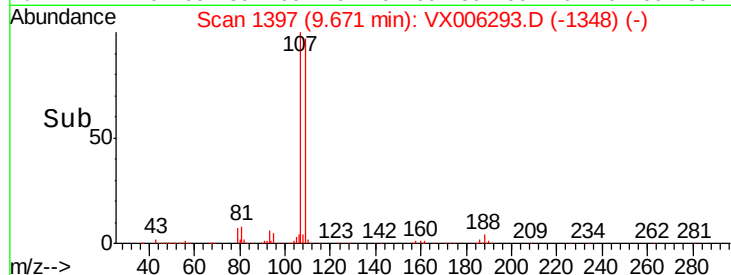
60000

40000

20000

0

Time--> 9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 49.694 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006293.D

Acq: 05 Dec 2018 11:58

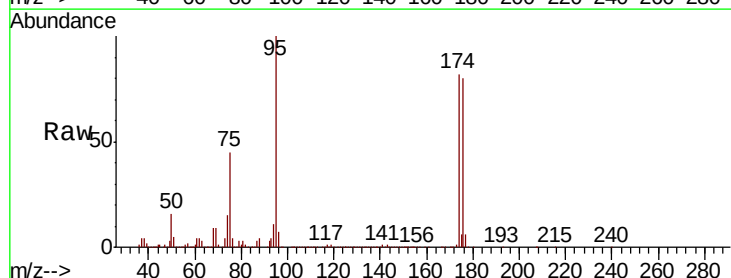
Tgt Ion: 95 Resp: 465969

Ion Ratio Lower Upper

95 100

174 90.0 0.0 187.0

176 87.7 0.0 181.8



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

500000

400000

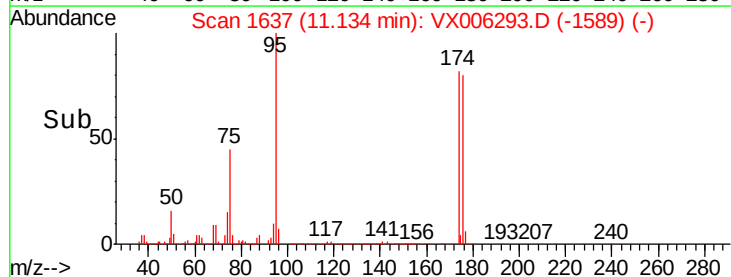
300000

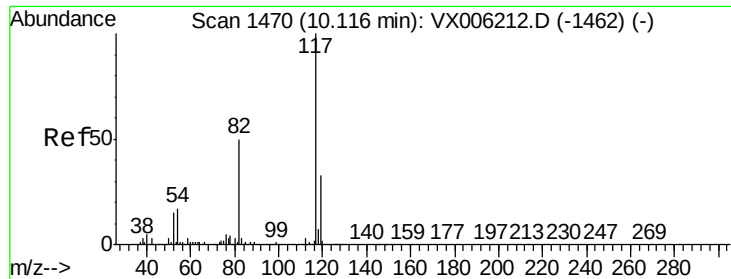
200000

100000

0

Time--> 11.00 11.10 11.20

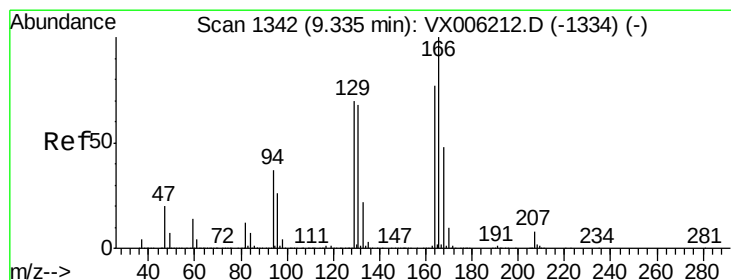
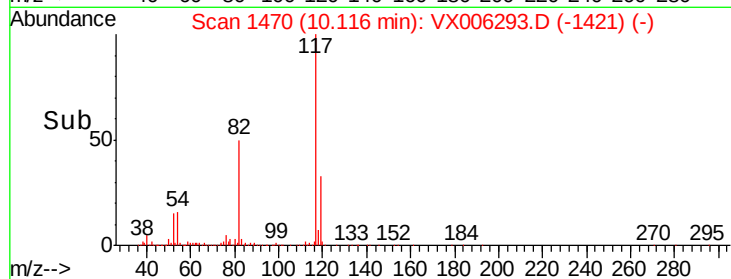
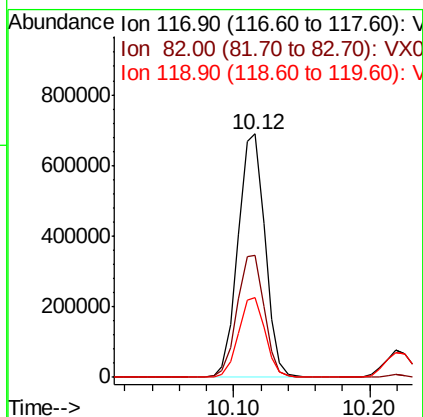
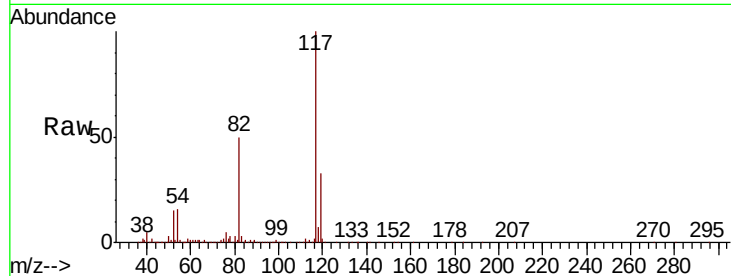




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006293.D
Acq: 05 Dec 2018 11:58

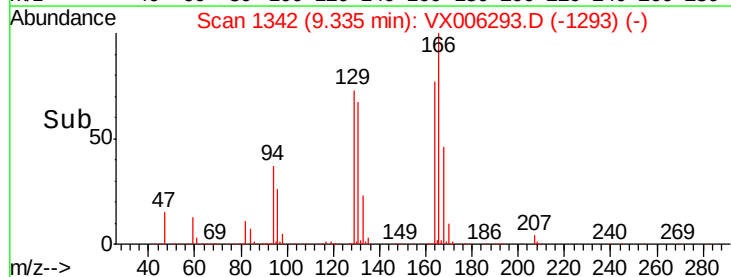
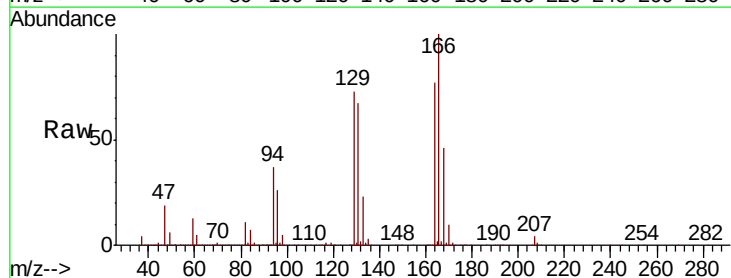
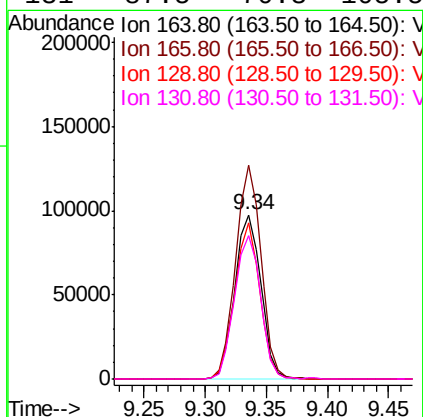
Instrument :
MSVOA_X
ClientSampleId :
VX1205MBS01

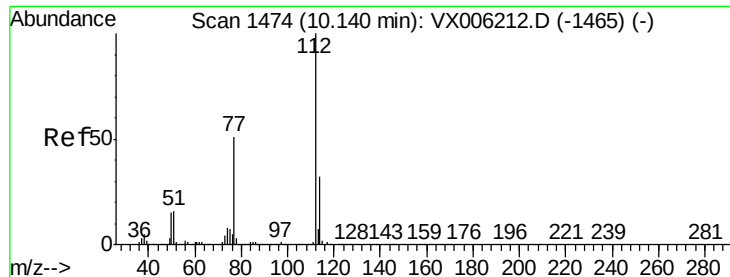
Tot Ion	Ratio	Lower	Upper
117	100		
82	50.0	39.6	59.4
119	32.6	26.3	39.5



#64
Tetrachloroethene
Concen: 20.016 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006293.D
Acq: 05 Dec 2018 11:58

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.4	104.2	156.2
129	95.1	72.6	108.8
131	87.5	70.3	105.5

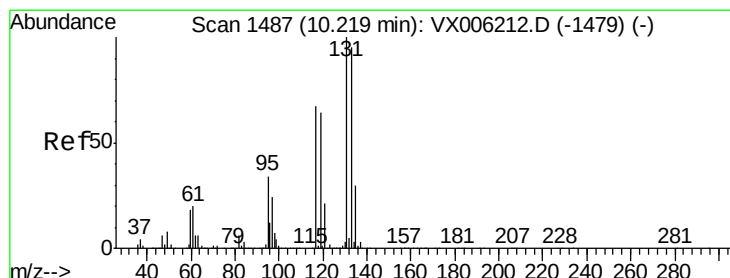
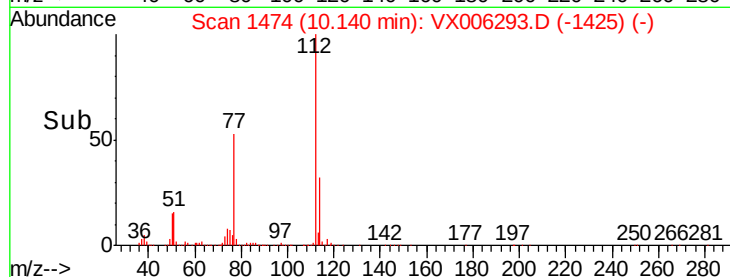
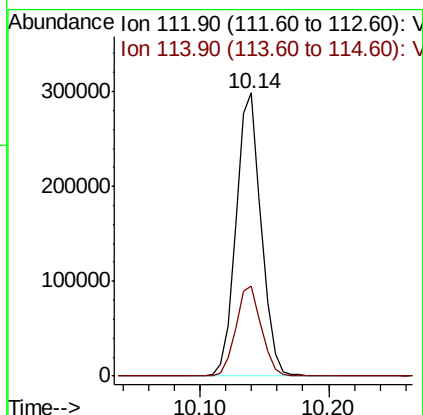
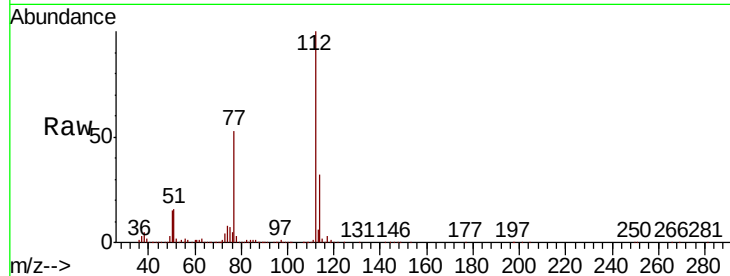




#65
Chlorobenzene
Concen: 19.945 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX006293.D
Acq: 05 Dec 2018 11:58

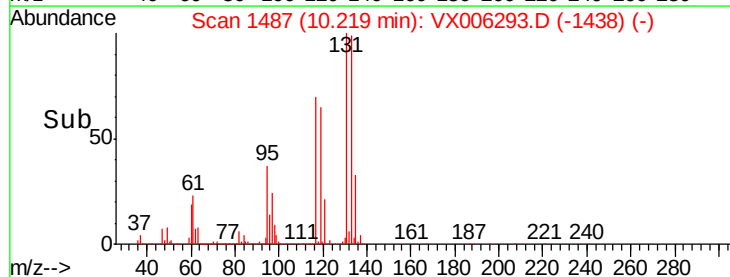
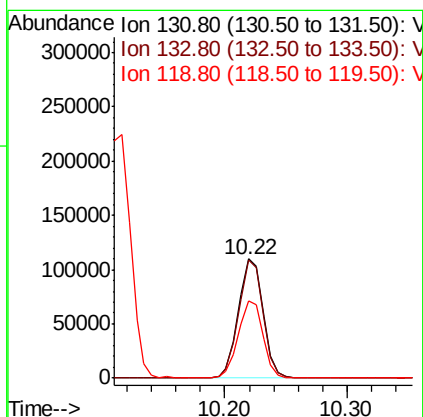
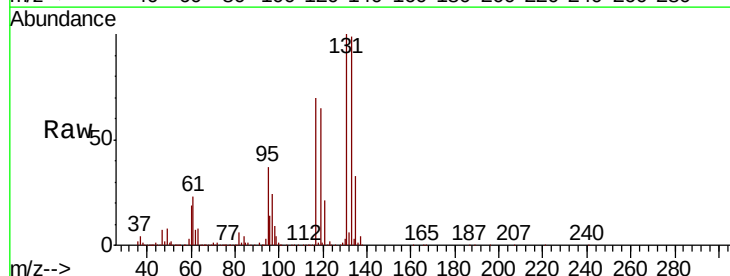
Instrument :
MSVOA_X
ClientSampleId :
VX1205MBS01

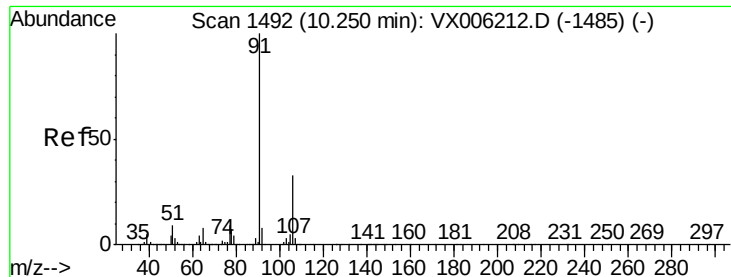
Tot Ion:112 Resp: 403316
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 19.478 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX006293.D
Acq: 05 Dec 2018 11:58

Tgt Ion:131 Resp: 153039
Ion Ratio Lower Upper
131 100
133 97.6 48.1 144.4
119 64.3 32.1 96.3





#67

Ethyl Benzene

Concen: 19.396 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX006293.D

Acq: 05 Dec 2018 11:58

Instrument :

MSVOA_X

ClientSampleId :

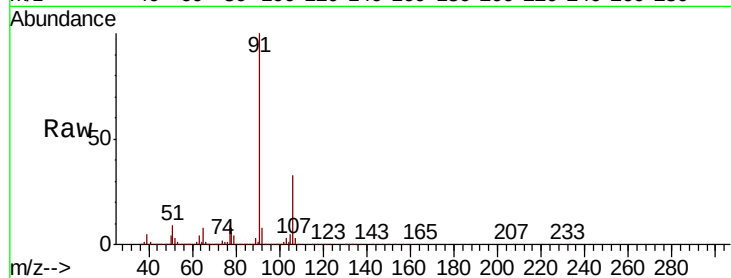
VX1205MBS01

Tot Ion: 91 Resp: 652325

Ion Ratio Lower Upper

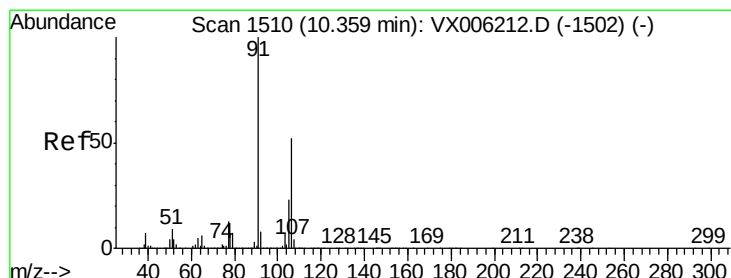
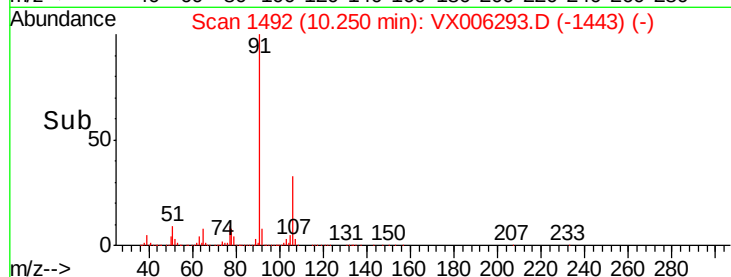
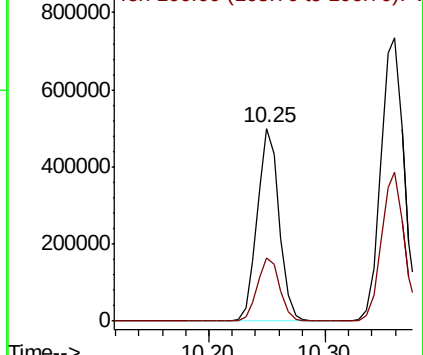
91 100

106 32.6 26.5 39.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 38.799 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006293.D

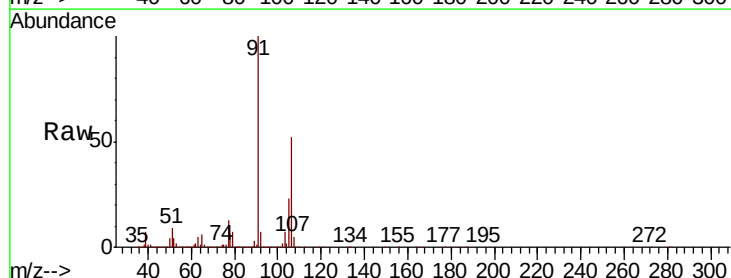
Acq: 05 Dec 2018 11:58

Tgt Ion: 106 Resp: 522706

Ion Ratio Lower Upper

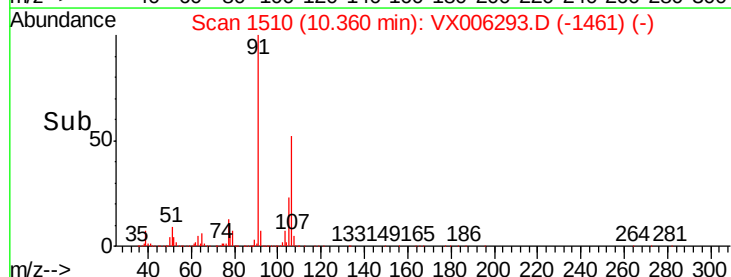
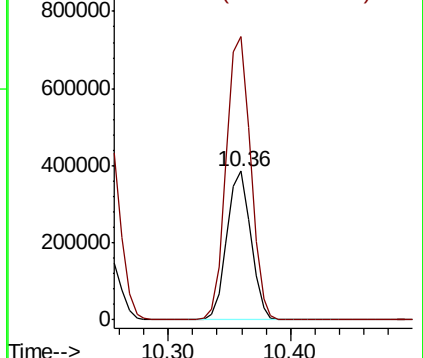
106 100

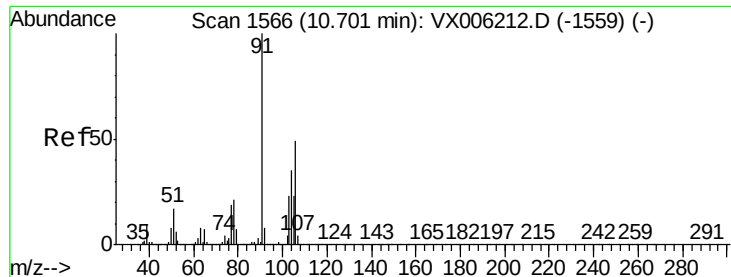
91 193.9 155.2 232.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

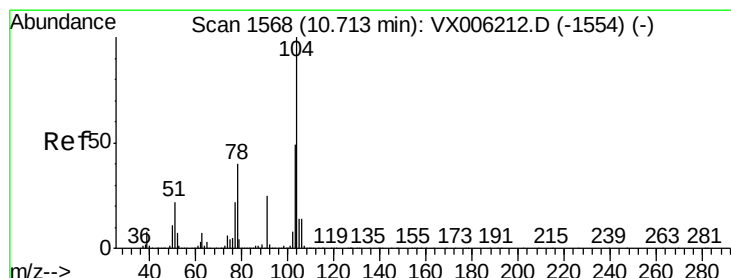
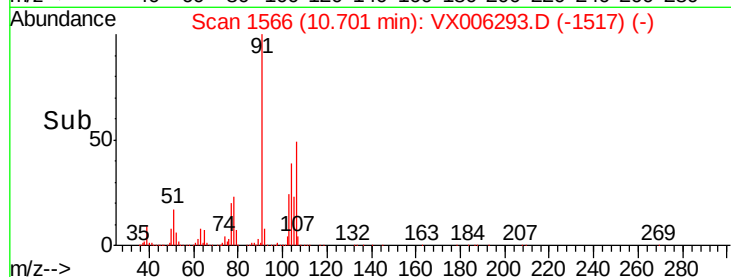
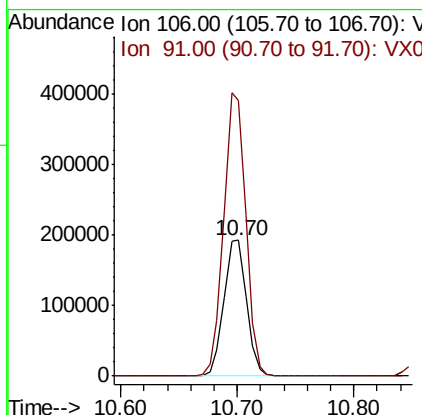
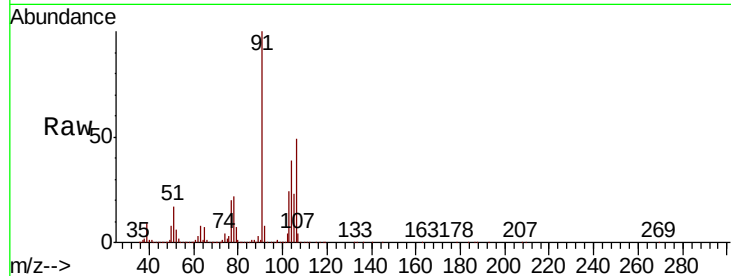




#69
o-Xylene
Concen: 19.468 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006293.D
Acq: 05 Dec 2018 11:58

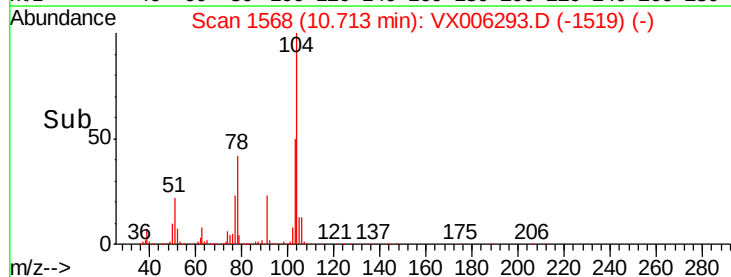
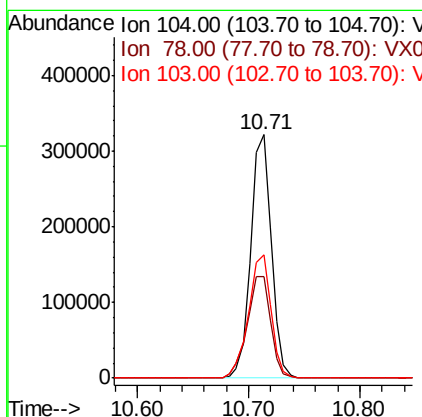
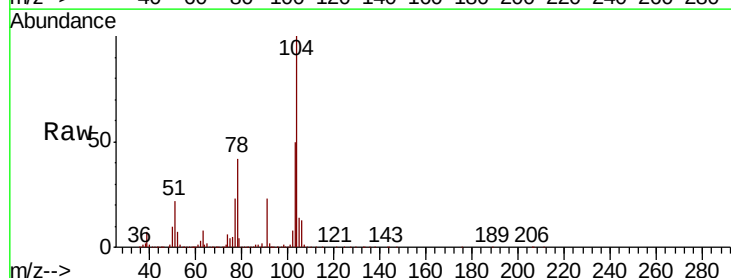
Instrument :
MSVOA_X
ClientSampleId :
VX1205MBS01

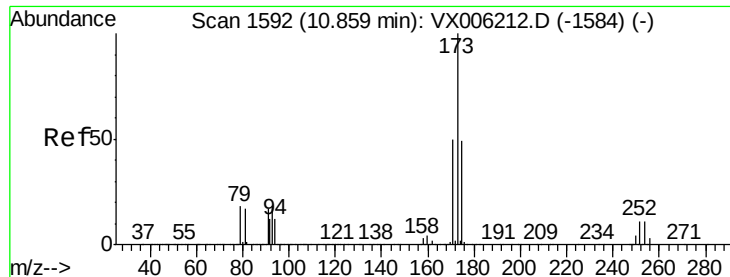
Tot Ion:106 Resp: 259065
Ion Ratio Lower Upper
106 100
91 204.0 101.8 305.6



#70
Styrene
Concen: 19.257 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006293.D
Acq: 05 Dec 2018 11:58

Tgt Ion:104 Resp: 414476
Ion Ratio Lower Upper
104 100
78 47.6 37.2 55.8
103 55.6 43.5 65.3





#71

Bromoform

Concen: 17.738 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006293.D

Acq: 05 Dec 2018 11:58

Instrument :

MSVOA_X

ClientSampleId :

VX1205MBS01

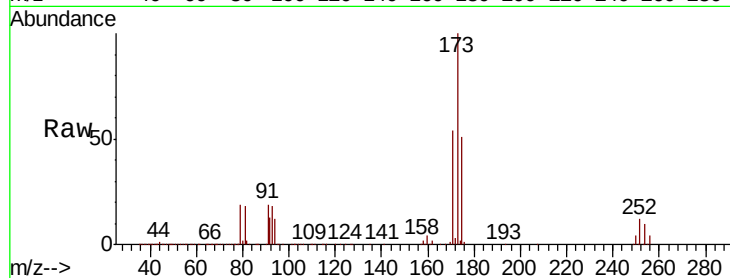
Tot Ion:173 Resp: 131556

Ion	Ratio	Lower	Upper
173	100		
175	49.2	24.6	73.8
254	0.2	0.2	0.2

173 100

175 49.2 24.6 73.8

254 0.2 0.2 0.2

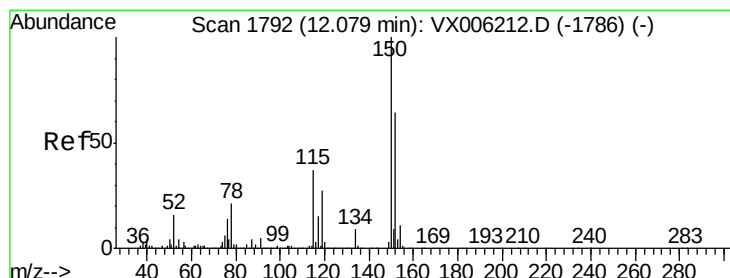
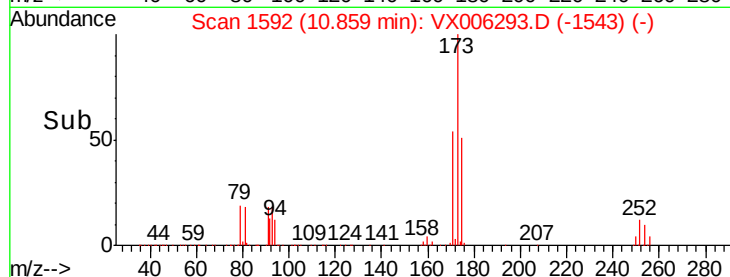
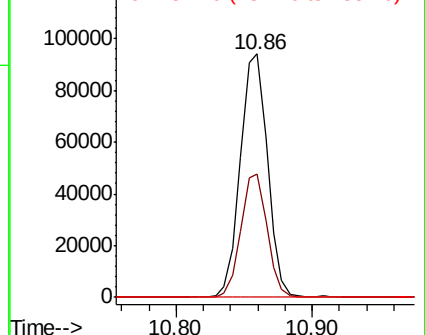


Abundance

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: VX006293.D

Acq: 05 Dec 2018 11:58

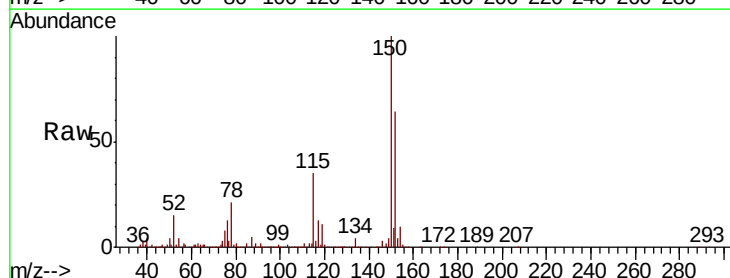
Tgt Ion:152 Resp: 474451

Ion	Ratio	Lower	Upper
152	100		
115	64.3	39.0	116.9
150	162.5	0.0	345.8

152 100

115 64.3 39.0 116.9

150 162.5 0.0 345.8

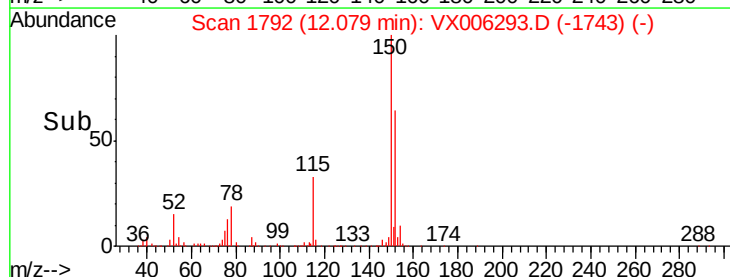
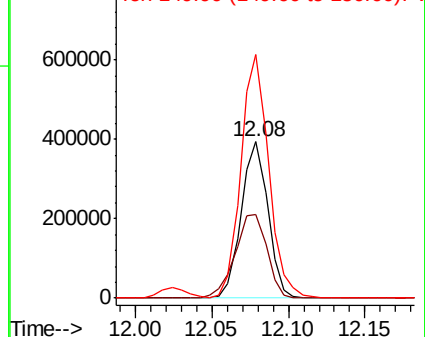


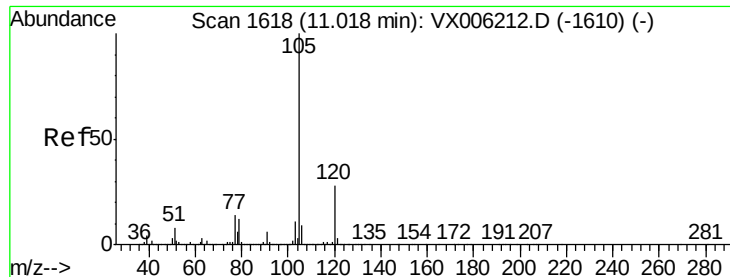
Abundance

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: 20.849 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006293.D

Acq: 05 Dec 2018 11:58

Instrument :

MSVOA_X

ClientSampleId :

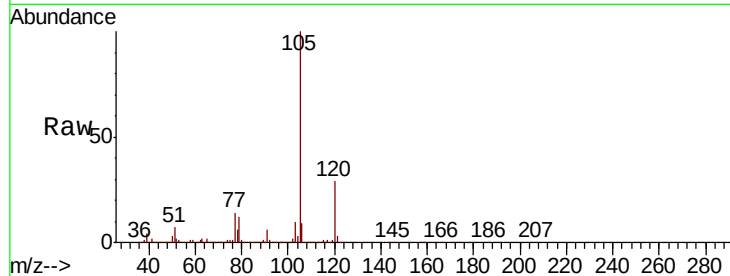
VX1205MBS01

Tot Ion:105 Resp: 683122

Ion Ratio Lower Upper

105 100

120 28.3 14.1 42.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

600000

500000

400000

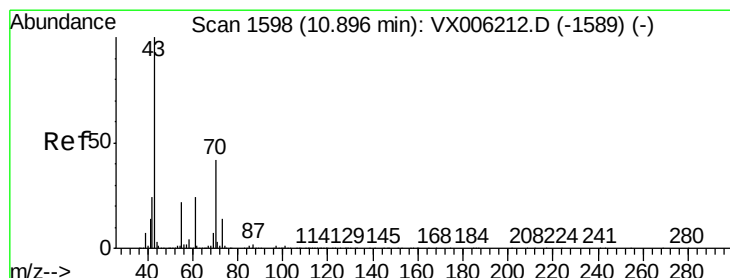
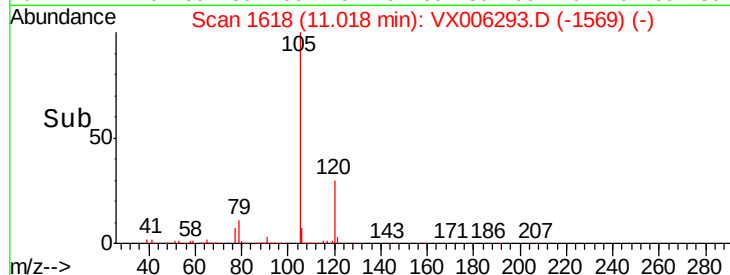
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 19.302 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006293.D

Acq: 05 Dec 2018 11:58

Tgt Ion: 43 Resp: 272336

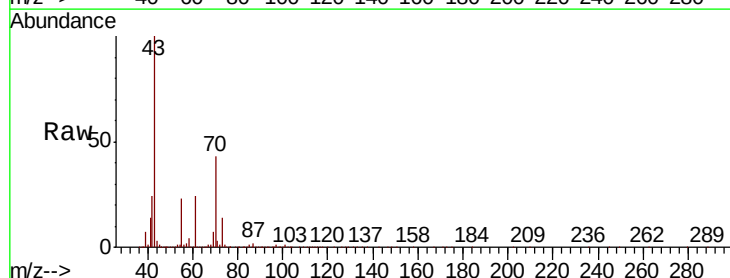
Ion Ratio Lower Upper

43 100

70 43.4 34.1 51.1

55 23.3 17.8 26.8

61 25.0 19.7 29.5



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

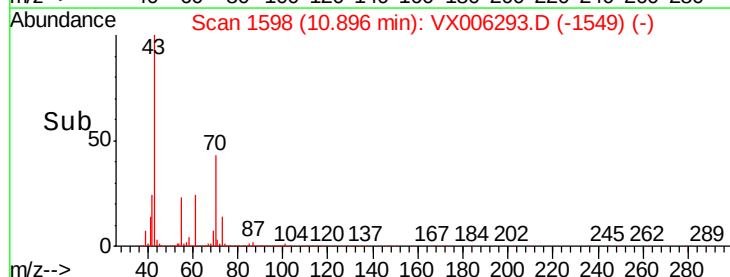
300000

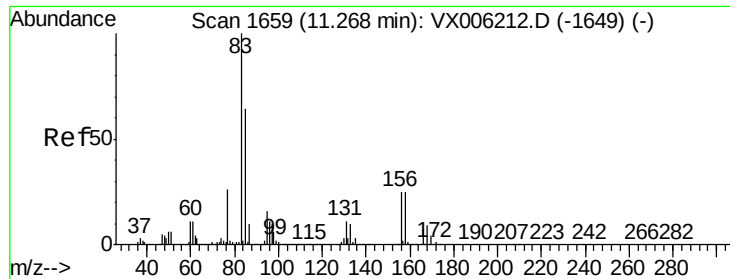
200000

100000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.485 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006293.D

Acq: 05 Dec 2018 11:58

Instrument :

MSVOA_X

ClientSampleId :

VX1205MBS01

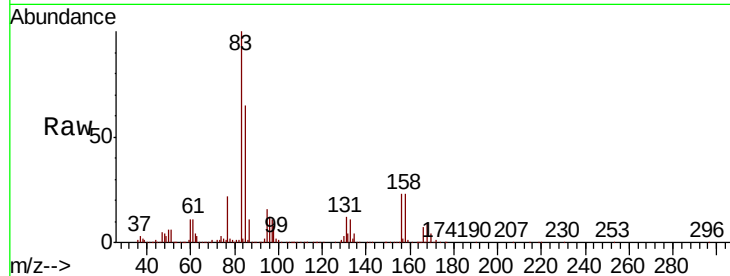
Tot Ion: 83 Resp: 214726

Ion Ratio Lower Upper

83 100

131 11.8 5.7 17.1

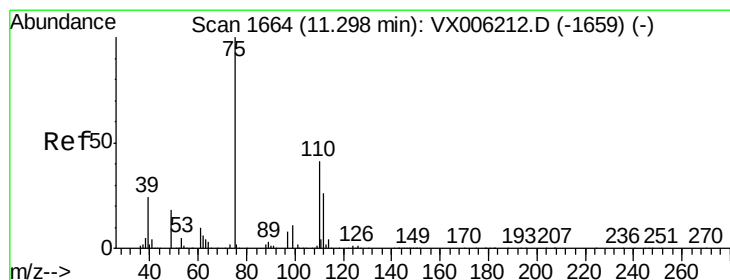
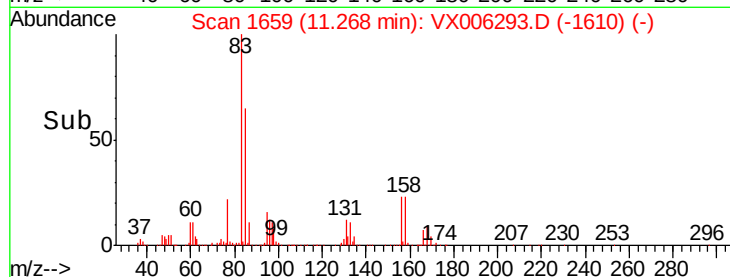
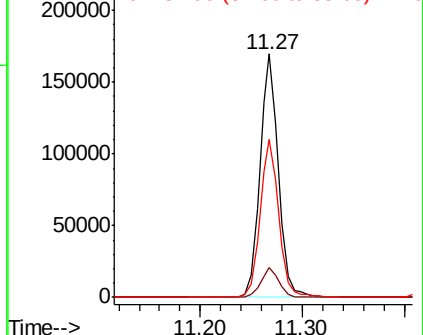
85 65.9 32.1 96.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 28.007 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX006293.D

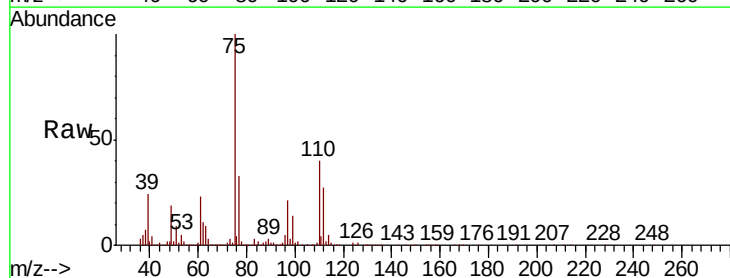
Acq: 05 Dec 2018 11:58

Tgt Ion: 75 Resp: 256483

Ion Ratio Lower Upper

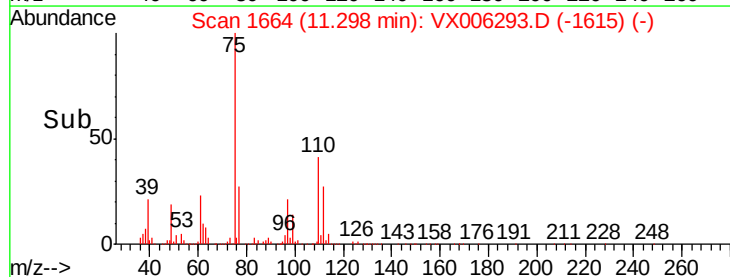
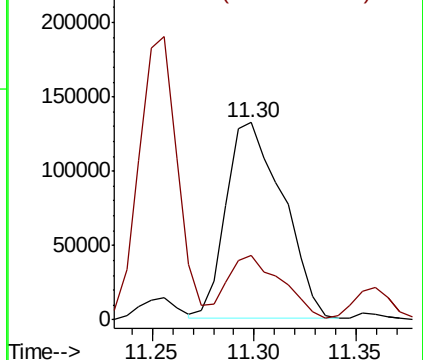
75 100

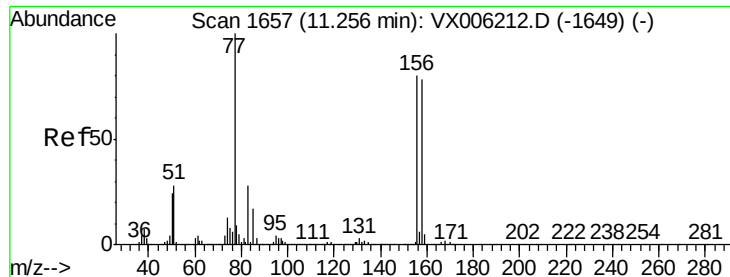
77 32.0 19.9 59.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

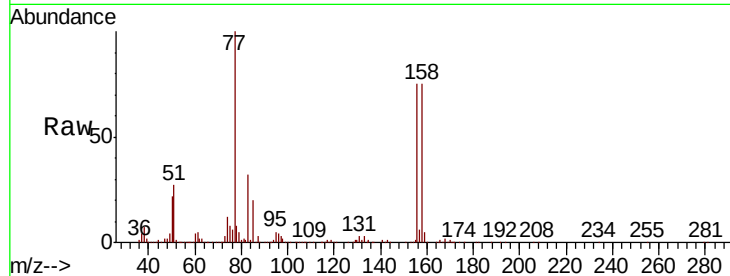




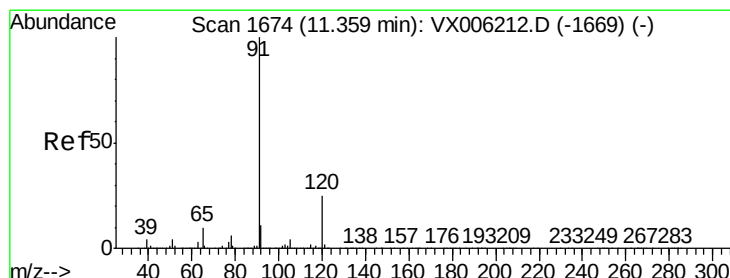
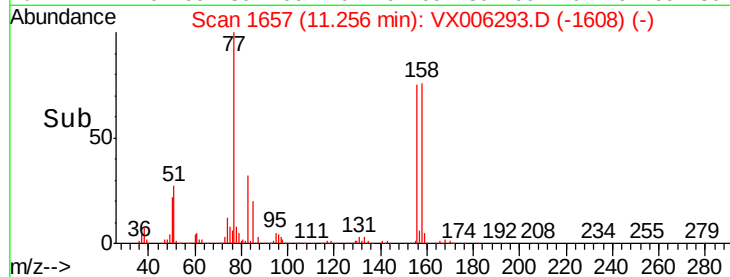
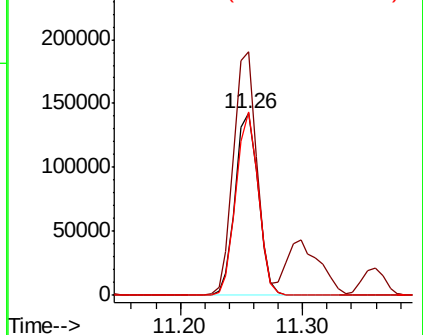
#77
Bromobenzene
Concen: 20.421 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. 0.00 min
Lab File: VX006293.D
Acq: 05 Dec 2018 11:58

Instrument :
MSVOA_X
ClientSampleId :
VX1205MBS01

Tot Ion:156 Resp: 185685
Ion Ratio Lower Upper
156 100
77 133.2 66.2 198.6
158 97.2 48.8 146.4

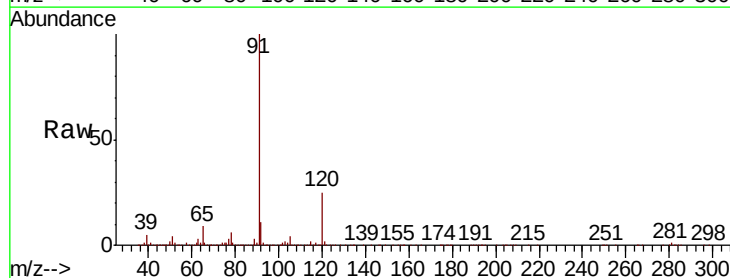


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VX0
Ion 157.80 (157.50 to 158.50): V

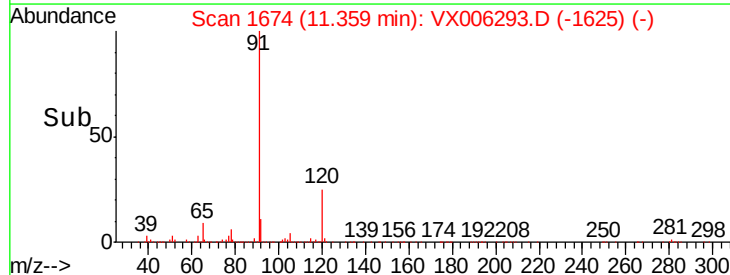
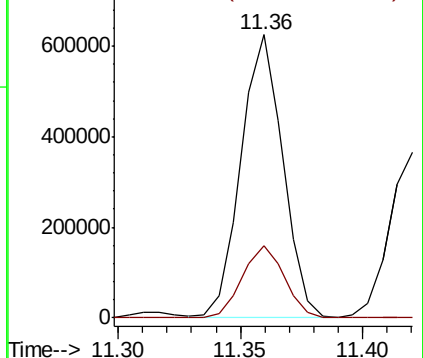


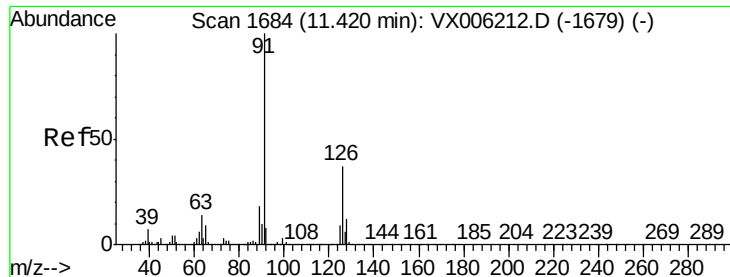
#78
n-propylbenzene
Concen: 20.368 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX006293.D
Acq: 05 Dec 2018 11:58

Tgt Ion: 91 Resp: 741850
Ion Ratio Lower Upper
91 100
120 25.7 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.752 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006293.D

Acq: 05 Dec 2018 11:58

Instrument :

MSVOA_X

ClientSampleId :

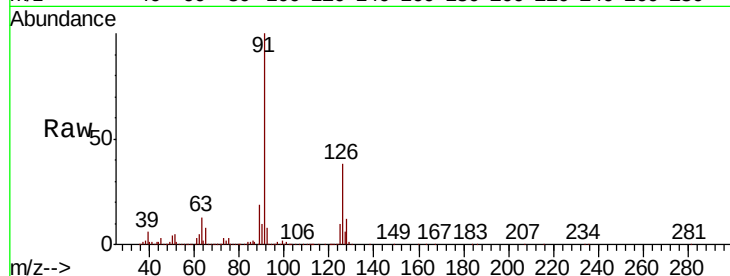
VX1205MBS01

Tot Ion: 91 Resp: 449219

Ion Ratio Lower Upper

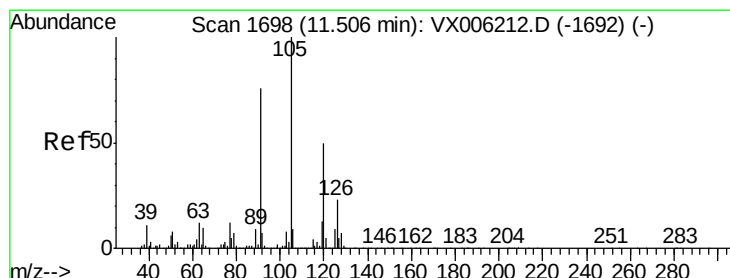
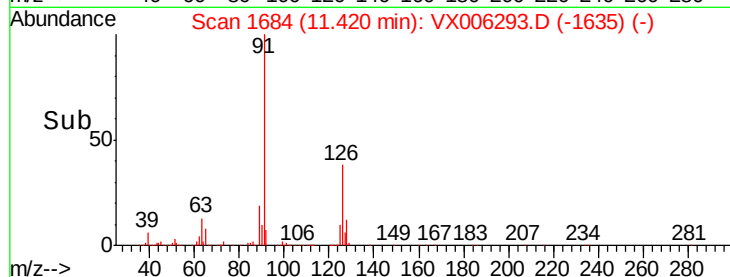
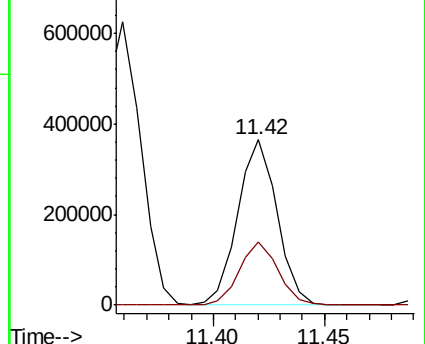
91 100

126 37.6 18.6 56.0



Abundance Ion 91.00 (90.70 to 91.70): VX006212.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX006212.D (-1679) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.769 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006293.D

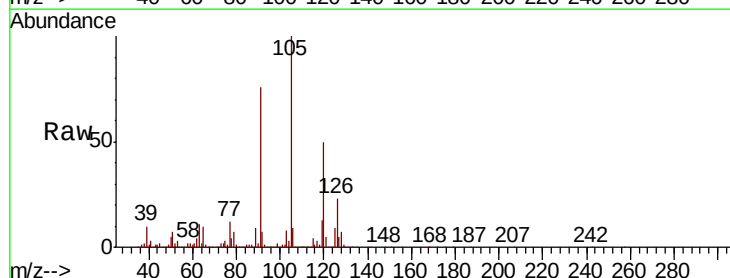
Acq: 05 Dec 2018 11:58

Tgt Ion: 105 Resp: 566180

Ion Ratio Lower Upper

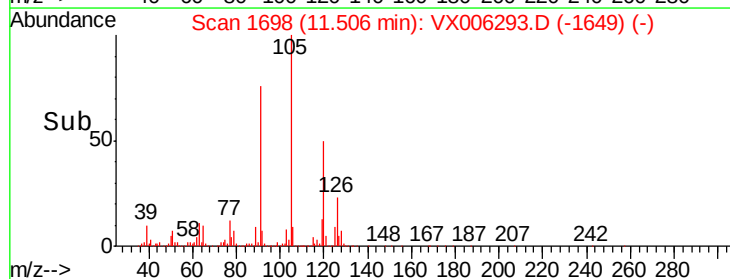
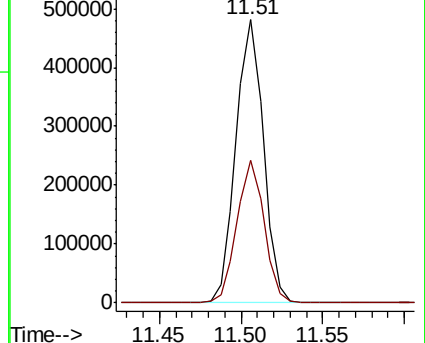
105 100

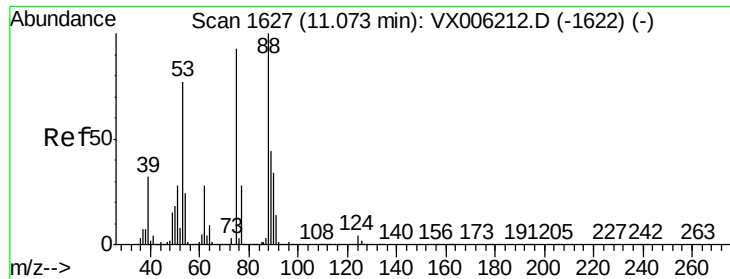
120 49.8 25.4 76.0



Abundance Ion 105.00 (104.70 to 105.70): VX006212.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX006212.D (-1692) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 18.583 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX006293.D

Acq: 05 Dec 2018 11:58

Instrument :

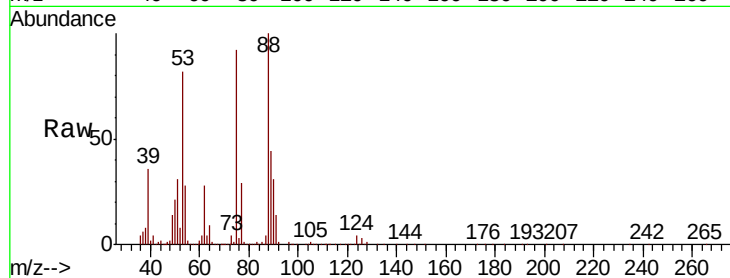
MSVOA_X

ClientSampleId :

VX1205MBS01

Tot Ion: 75 Resp: 72515

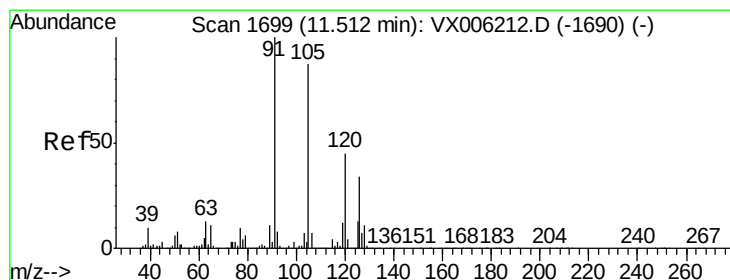
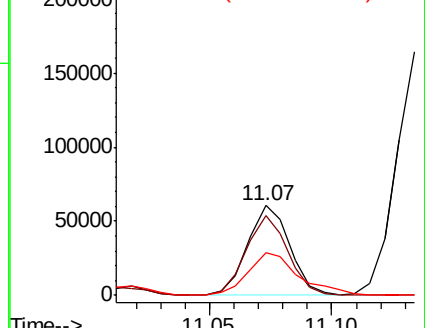
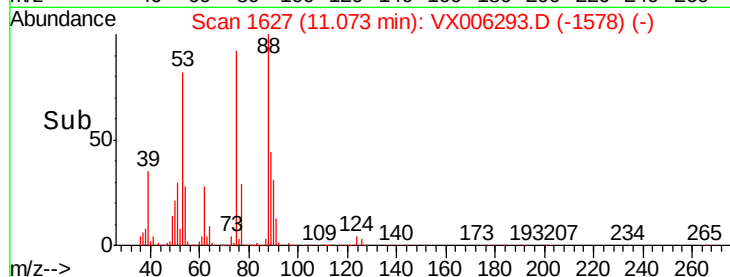
Ion	Ratio	Lower	Upper
75	100		
53	88.8	64.4	96.6
89	57.6	44.2	66.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 20.180 ug/l

RT: 11.51 min Scan# 1699

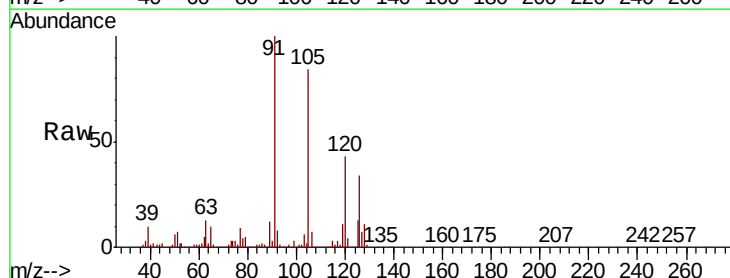
Delta R.T. 0.00 min

Lab File: VX006293.D

Acq: 05 Dec 2018 11:58

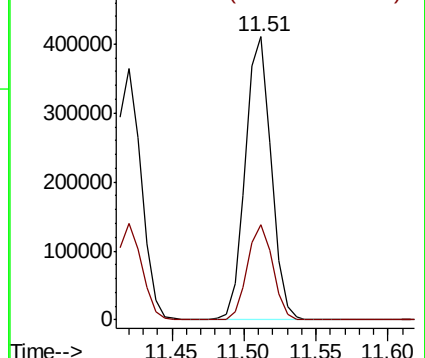
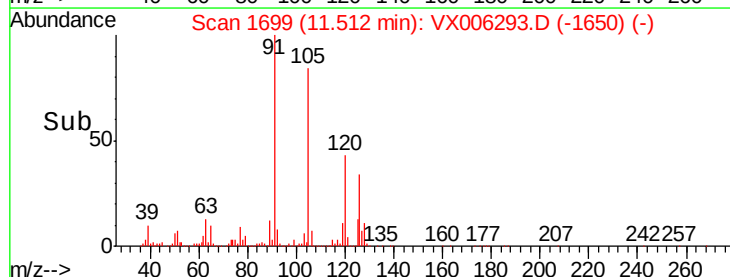
Tgt Ion: 91 Resp: 507908

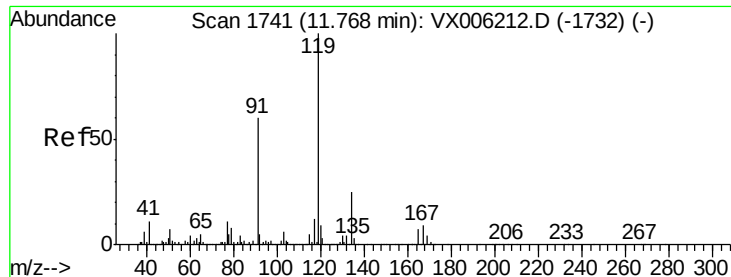
Ion	Ratio	Lower	Upper
91	100		
126	33.1	16.4	49.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

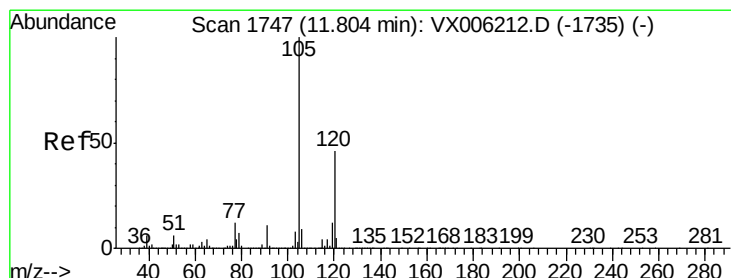
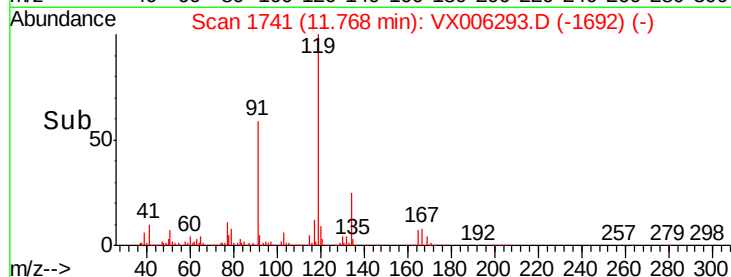
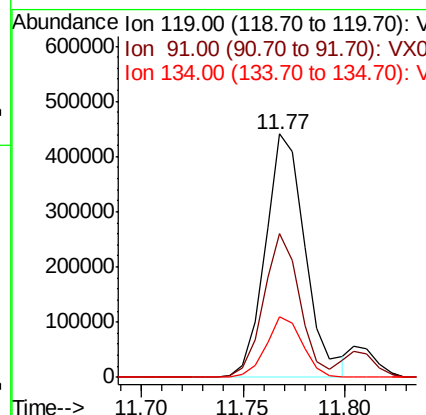
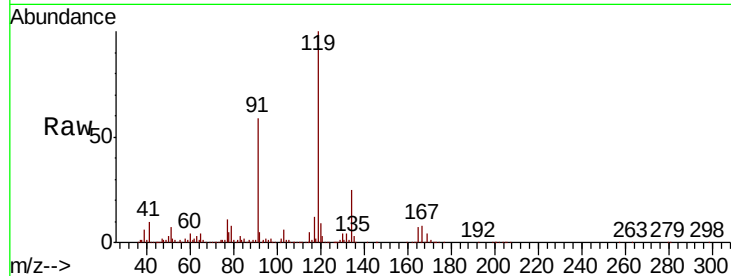




#83
 tert-Butylbenzene
 Concen: 20.660 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX006293.D
 Acq: 05 Dec 2018 11:58

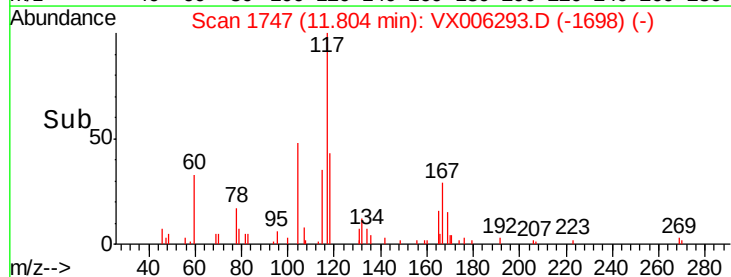
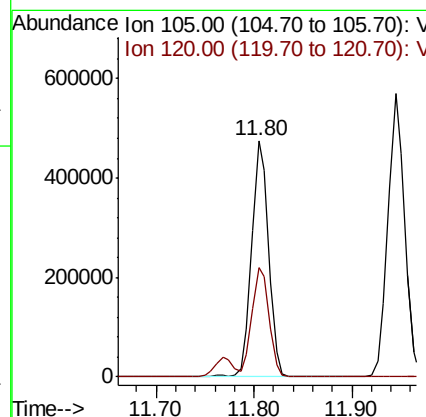
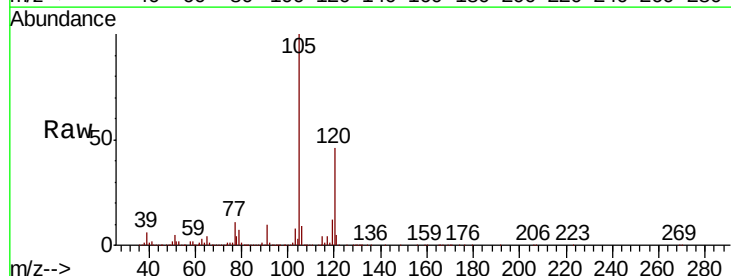
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1205MBS01

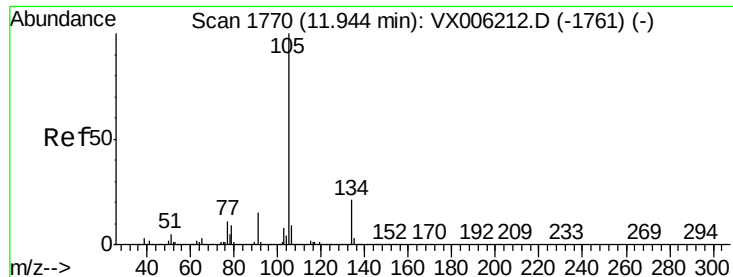
Tot Ion:119 Resp: 600927
 Ion Ratio Lower Upper
 119 100
 91 53.2 26.4 79.2
 134 22.8 11.6 34.7



#84
 1,2,4-Trimethylbenzene
 Concen: 20.264 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX006293.D
 Acq: 05 Dec 2018 11:58

Tgt Ion:105 Resp: 570443
 Ion Ratio Lower Upper
 105 100
 120 46.9 23.4 70.0





#85

sec-Butylbenzene

Concen: 20.447 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006293.D

Acq: 05 Dec 2018 11:58

Instrument :

MSVOA_X

ClientSampleId :

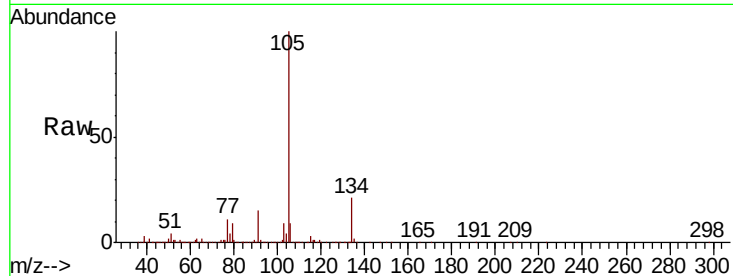
VX1205MBS01

Tot Ion:105 Resp: 676592

Ion Ratio Lower Upper

105 100

134 21.7 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

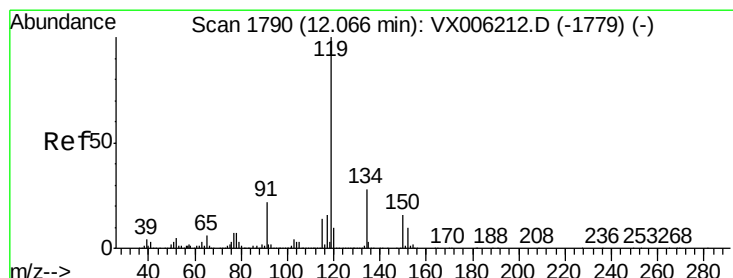
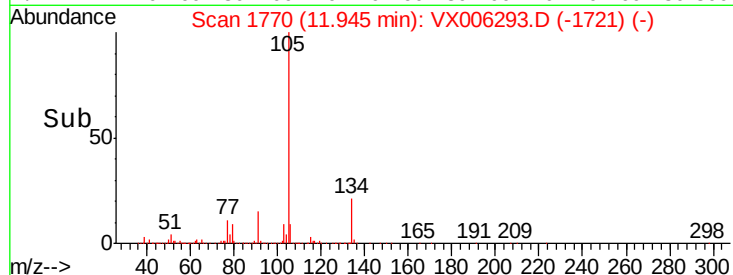
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 20.229 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.01 min

Lab File: VX006293.D

Acq: 05 Dec 2018 11:58

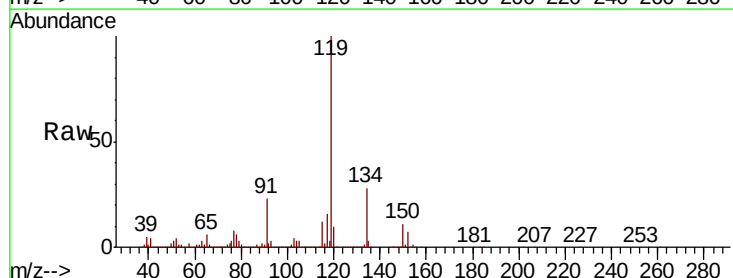
Tgt Ion:119 Resp: 602762

Ion Ratio Lower Upper

119 100

134 28.0 13.9 41.6

91 22.8 11.3 33.8



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

12.06

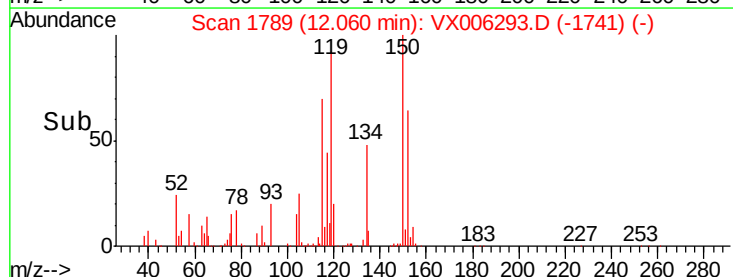
600000

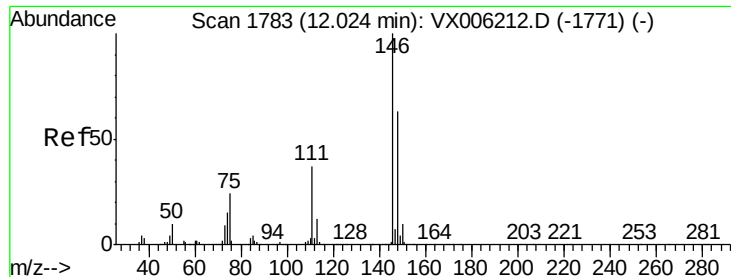
400000

200000

0

Time-->

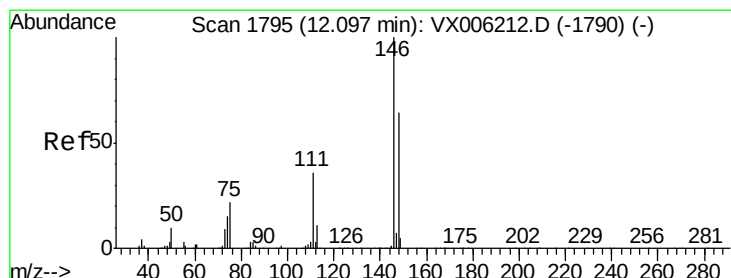
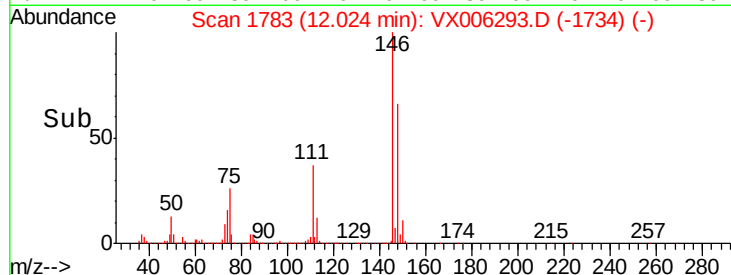
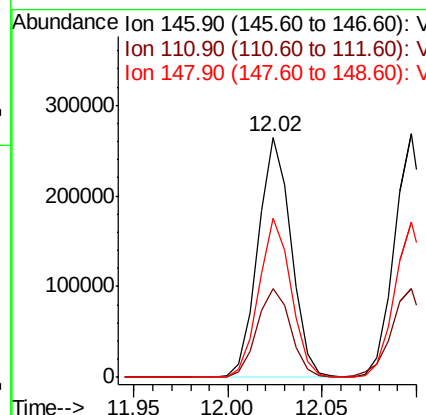
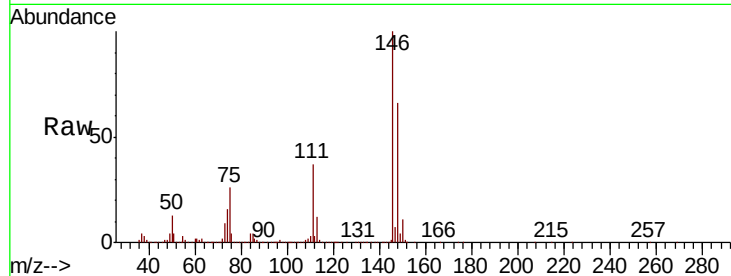




#87
 1,3-Dichlorobenzene
 Concen: 19.934 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX006293.D
 Acq: 05 Dec 2018 11:58

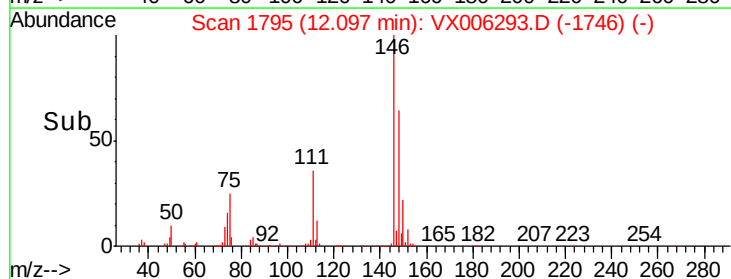
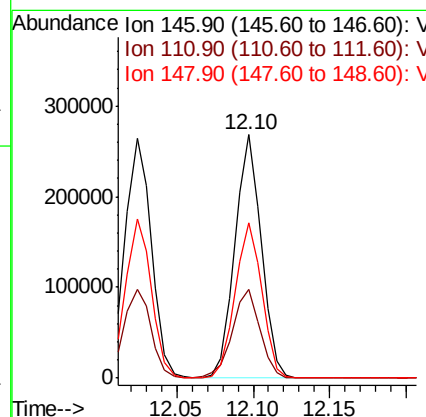
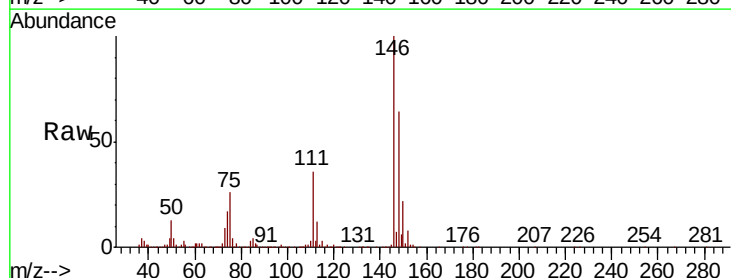
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1205MBS01

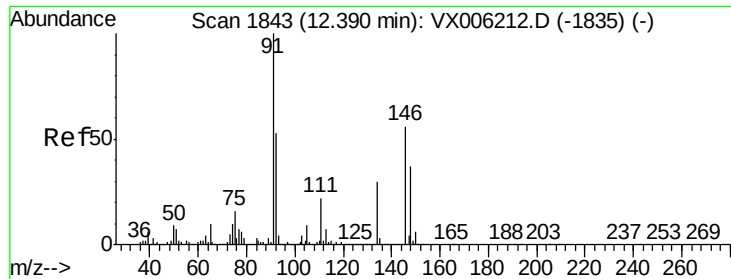
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.4	55.2
148	64.6	32.0	96.0



#88
 1,4-Dichlorobenzene
 Concen: 19.545 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX006293.D
 Acq: 05 Dec 2018 11:58

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.3	54.8
148	64.6	31.9	95.9

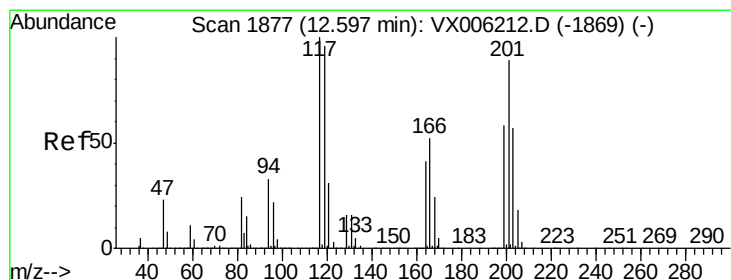
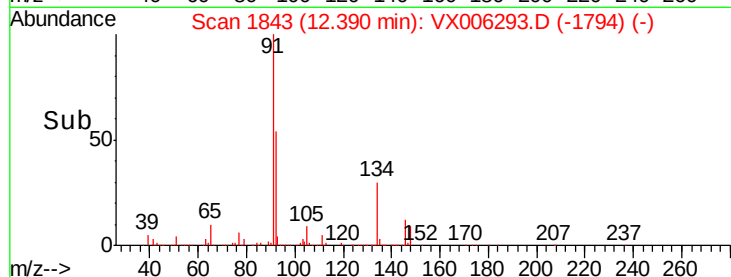
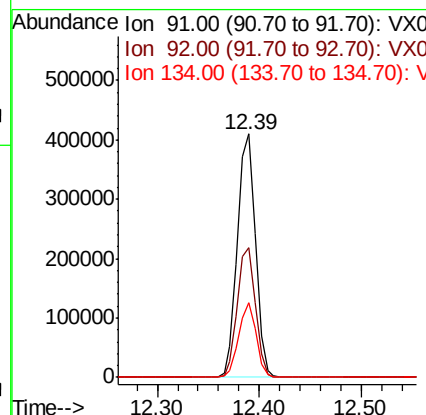
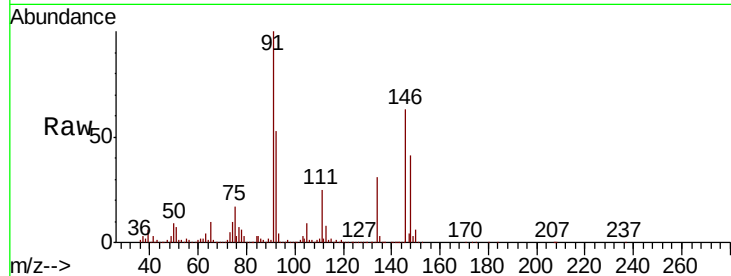




#89
n-Butylbenzene
Concen: 19.563 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX006293.D
Acq: 05 Dec 2018 11:58

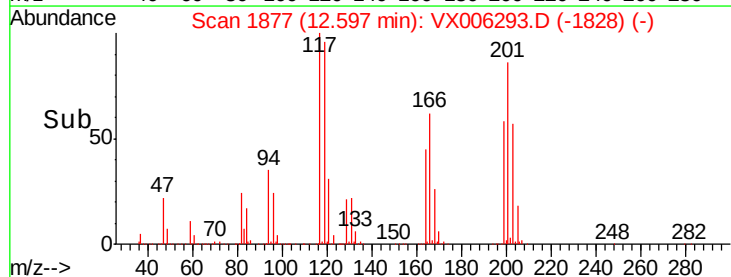
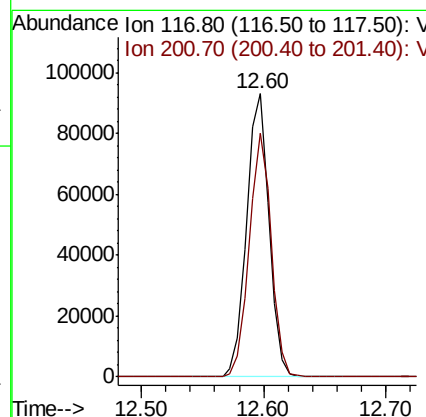
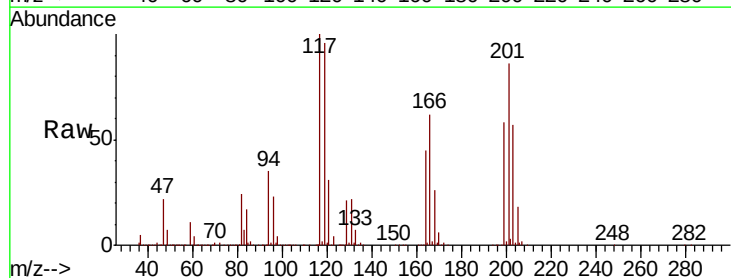
Instrument :
MSVOA_X
ClientSampled :
VX1205MBS01

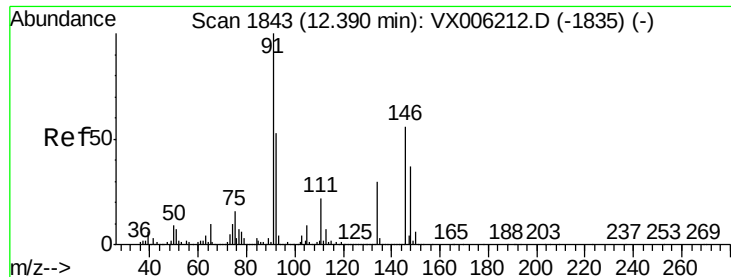
Tot Ion: 91 Resp: 497376
Ion Ratio Lower Upper
91 100
92 53.5 26.6 79.8
134 29.1 14.8 44.3



#90
Hexachloroethane
Concen: 19.454 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006293.D
Acq: 05 Dec 2018 11:58

Tgt Ion: 117 Resp: 118144
Ion Ratio Lower Upper
117 100
201 84.4 44.7 134.1

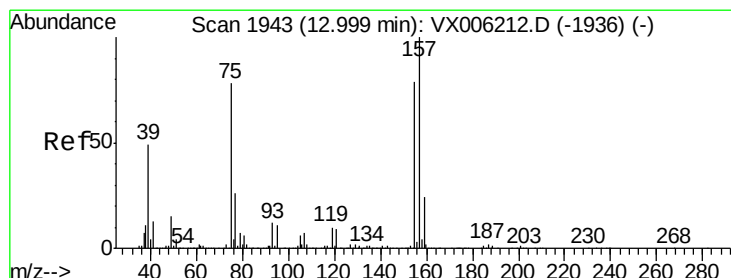
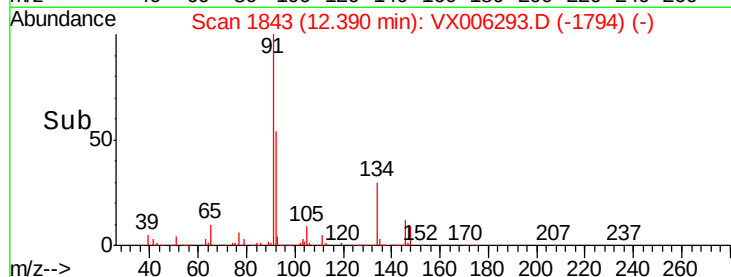
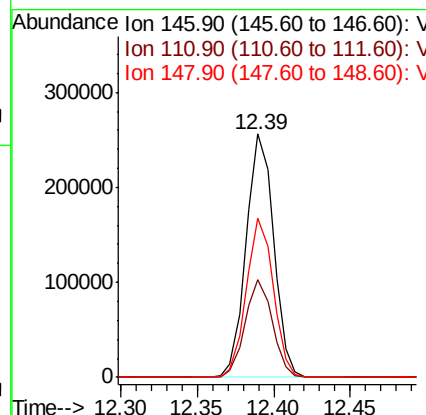
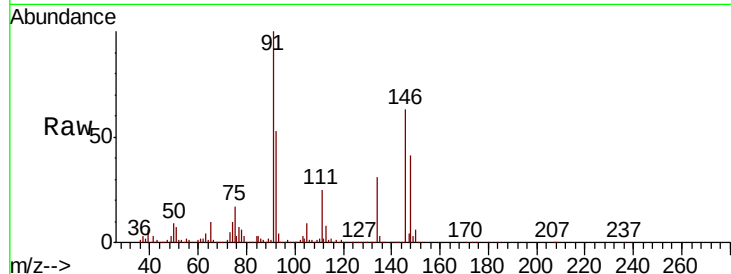




#91
 1,2-Dichlorobenzene
 Concen: 20.026 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX006293.D
 Acq: 05 Dec 2018 11:58

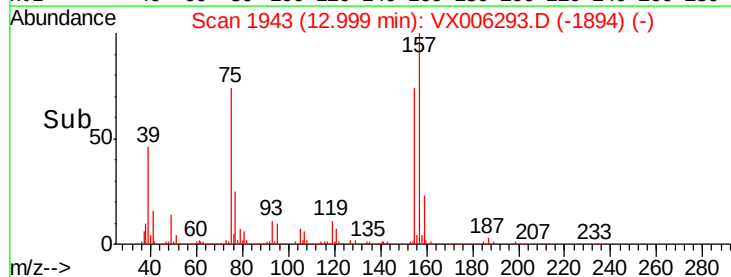
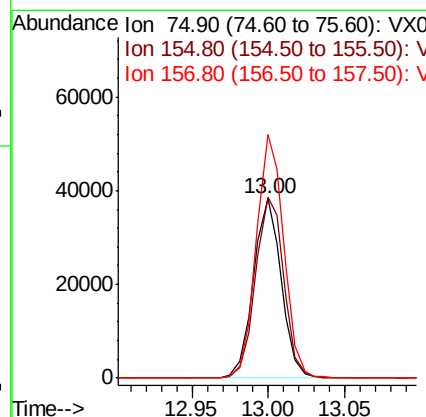
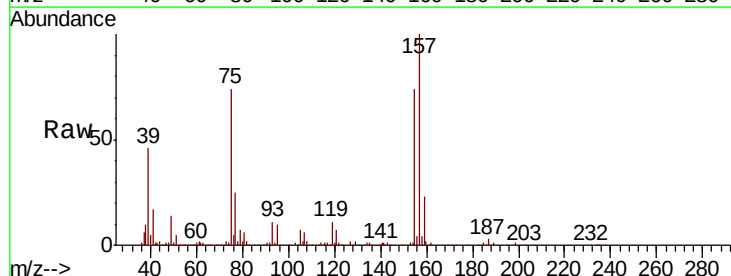
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1205MBS01

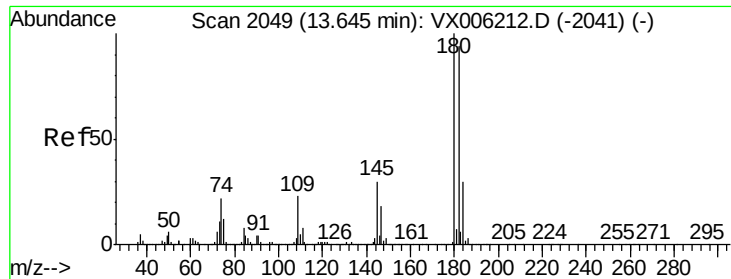
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	19.1	57.3
148	64.1	32.1	96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.067 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX006293.D
 Acq: 05 Dec 2018 11:58

Tgt Ion	Ratio	Lower	Upper
75	100		
155	102.4	53.4	160.3
157	133.8	68.0	203.8

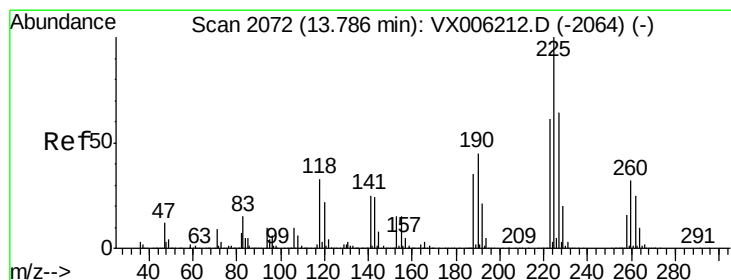
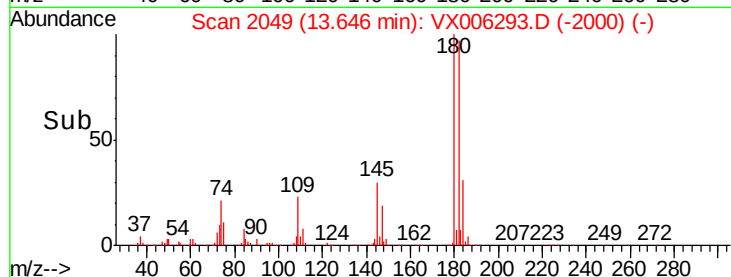
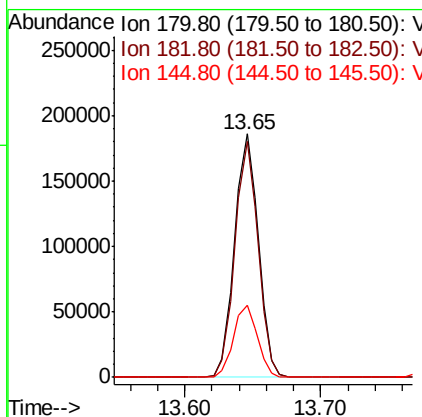
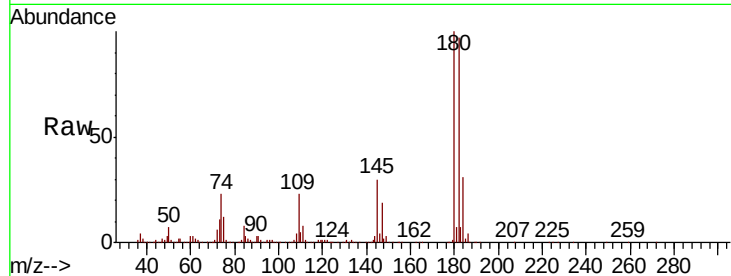




#93
 1,2,4-Trichlorobenzene
 Concen: 19.361 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX006293.D
 Acq: 05 Dec 2018 11:58

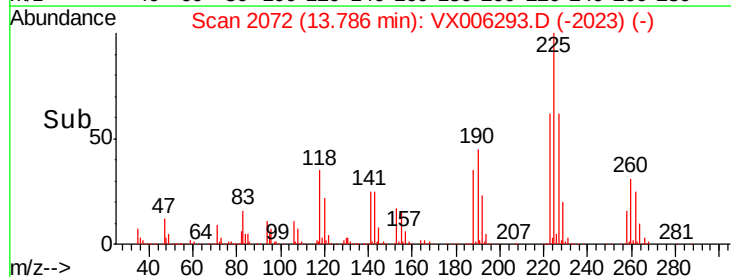
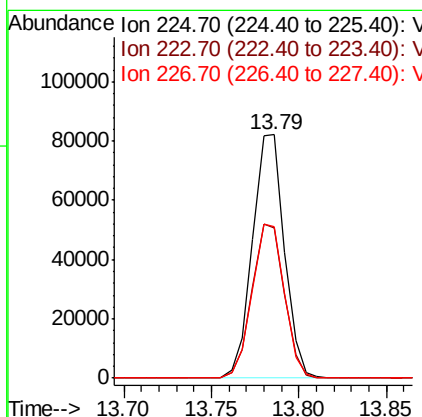
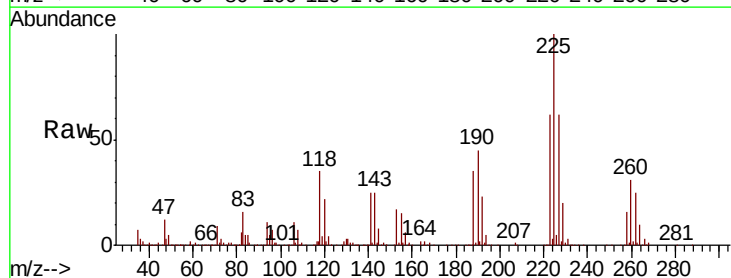
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1205MBS01

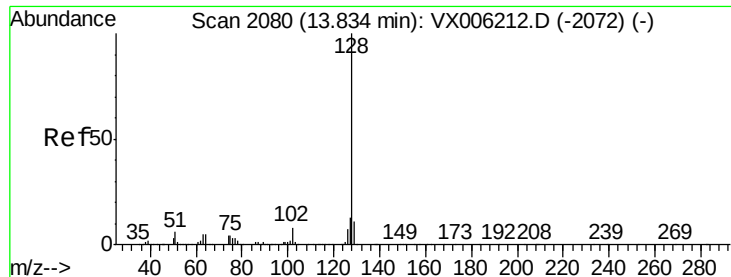
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.3	141.9
145	29.9	14.6	43.8



#94
 Hexachlorobutadiene
 Concen: 20.158 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VX006293.D
 Acq: 05 Dec 2018 11:58

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.3	31.2	93.6
227	63.8	31.9	95.5





#95

Naphthalene

Concen: 20.008 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006293.D

Acq: 05 Dec 2018 11:58

Instrument :

MSVOA_X

ClientSampleId :

VX1205MBS01

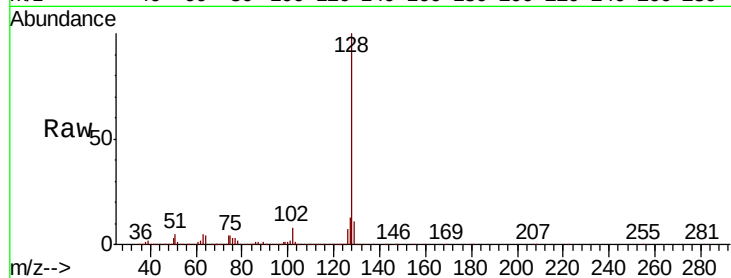
Tot Ion:128 Resp: 729103

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

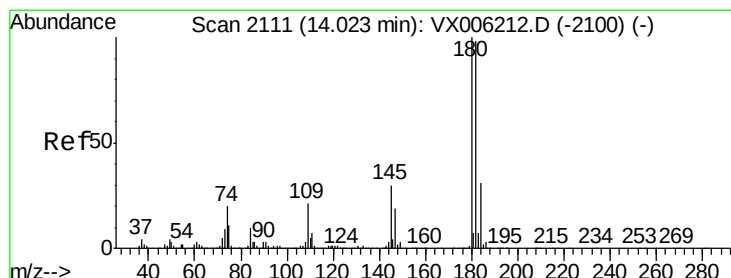
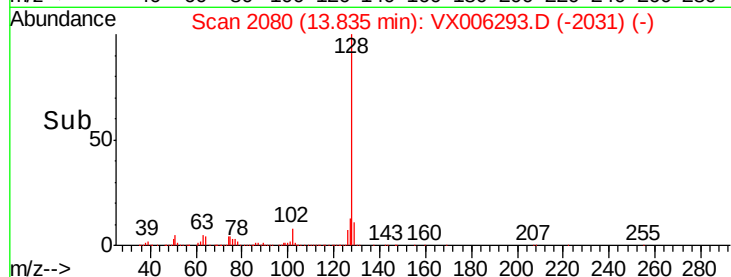
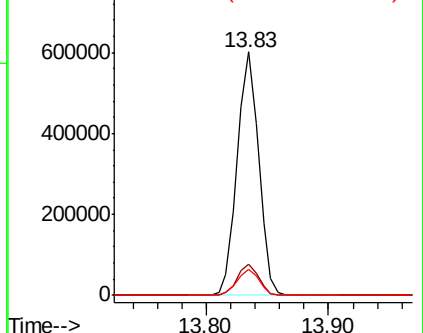
129 10.9 8.9 13.3



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: 19.441 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.01 min

Lab File: VX006293.D

Acq: 05 Dec 2018 11:58

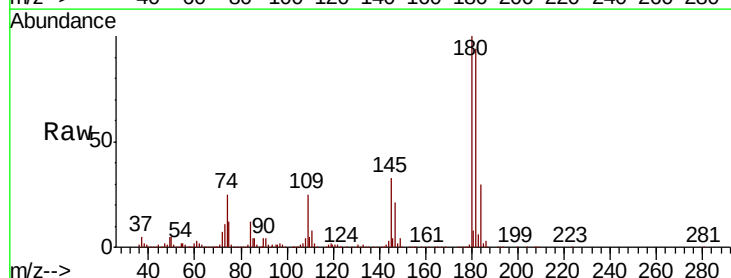
Tgt Ion:180 Resp: 225579

Ion Ratio Lower Upper

180 100

182 96.3 48.4 145.2

145 32.2 15.6 46.8



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

