

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101718\
 Data File : VX005400.D
 Acq On : 17 Oct 2018 20:14
 Operator : JC/MD
 Sample : VX1017WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017WBS02

Quant Time: Oct 18 10:58:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	288504	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.86	114	411331	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	379189	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	211506	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	148773	46.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.92%	
35) Dibromofluoromethane	5.50	113	126600	46.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.94%	
50) Toluene-d8	8.71	98	476098	50.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.80%	
62) 4-Bromofluorobenzene	11.14	95	176236	50.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	42857	18.999	ug/l	98
3) Chloromethane	1.32	50	60169	18.408	ug/l	100
4) Vinyl Chloride	1.40	62	61072	18.445	ug/l	99
5) Bromomethane	1.64	94	37659	20.487	ug/l	99
6) Chloroethane	1.71	64	39886	19.405	ug/l	97
7) Trichlorofluoromethane	1.93	101	85853	19.430	ug/l	99
8) Diethyl Ether	2.19	74	37558	19.905	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.38	101	51228	20.087	ug/l	97
10) Methyl Iodide	2.51	142	53751	20.754	ug/l	99
11) Tert butyl alcohol	3.07	59	92912	102.867	ug/l	100
12) 1,1-Dichloroethene	2.37	96	49566	19.616	ug/l	99
13) Acrolein	2.29	56	36828	62.273	ug/l	95
14) Allyl chloride	2.73	41	108067	19.480	ug/l	93
15) Acrylonitrile	3.15	53	197371	96.431	ug/l	97
16) Acetone	2.45	43	169713	91.671	ug/l	97
17) Carbon Disulfide	2.57	76	133955	17.500	ug/l	100
18) Methyl Acetate	2.78	43	106790	20.275	ug/l	96
19) Methyl tert-butyl Ether	3.20	73	182070	20.459	ug/l	96
20) Methylene Chloride	2.85	84	61367	22.017	ug/l	93
21) trans-1,2-Dichloroethene	3.16	96	53943	19.264	ug/l	94
22) Diisopropyl ether	3.87	45	185764	19.936	ug/l #	91
23) Vinyl Acetate	3.82	43	766563	94.123	ug/l	97
24) 1,1-Dichloroethane	3.70	63	105189	19.697	ug/l	98
25) 2-Butanone	4.70	43	267450	98.737	ug/l #	87
26) 2,2-Dichloropropane	4.59	77	70960	17.767	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	57291	18.825	ug/l	97
28) Bromochloromethane	5.02	49	46428	19.071	ug/l	96
29) Tetrahydrofuran	5.15	42	164265	95.071	ug/l	94
30) Chloroform	5.21	83	96893	19.548	ug/l	98
31) Cyclohexane	5.57	56	87794	19.946	ug/l #	75
32) 1,1,1-Trichloroethane	5.49	97	82634	19.159	ug/l	98
36) 1,1-Dichloropropene	5.80	75	67792	17.017	ug/l	98
37) Ethyl Acetate	4.85	43	90481	17.661	ug/l	99
38) Carbon Tetrachloride	5.78	117	71879	17.957	ug/l	97

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	82707	19.183	ug/l #	90
40) Benzene	6.14	78	212335	17.768	ug/l	100
41) Methacrylonitrile	5.06	41	50264	18.301	ug/l	96
42) 1,2-Dichloroethane	6.20	62	75252	17.834	ug/l	98
43) Isopropyl Acetate	6.46	43	135146	19.803	ug/l	98
44) Trichloroethene	7.21	130	60932	19.590	ug/l	95
45) 1,2-Dichloropropane	7.51	63	56879	19.403	ug/l	99
46) Dibromomethane	7.66	93	36428	18.828	ug/l	96
47) Bromodichloromethane	7.90	83	69544	19.433	ug/l	99
48) Methyl methacrylate	7.77	41	69027	19.502	ug/l	96
49) 1,4-Dioxane	7.76	88	33481	410.111	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	479769	101.530	ug/l	96
52) Toluene	8.79	92	134754	20.611	ug/l	96
53) t-1,3-Dichloropropene	9.04	75	75874	19.591	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	84504	20.137	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	57586	20.795	ug/l	99
56) Ethyl methacrylate	9.18	69	83908	20.785	ug/l	95
57) 1,3-Dichloropropane	9.37	76	93782	20.290	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	235883	104.190	ug/l	95
59) 2-Hexanone	9.49	43	373693	98.311	ug/l	95
60) Dibromochloromethane	9.59	129	56582	19.767	ug/l	100
61) 1,2-Dibromoethane	9.67	107	59118	20.342	ug/l	98
64) Tetrachloroethene	9.34	164	60812	19.921	ug/l	96
65) Chlorobenzene	10.14	112	153663	19.051	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	55721	19.386	ug/l	98
67) Ethyl Benzene	10.25	91	254348	19.398	ug/l	97
68) m/p-Xylenes	10.36	106	200006	39.299	ug/l	95
69) o-Xylene	10.70	106	96776	19.717	ug/l	97
70) Styrene	10.71	104	162530	20.132	ug/l	98
71) Bromoform	10.86	173	47166	18.363	ug/l	100
73) Isopropylbenzene	11.02	105	267049	21.239	ug/l	100
74) N-amyl acetate	10.90	43	121015	19.955	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.27	83	91222	19.233	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	104482	25.467	ug/l	86
77) Bromobenzene	11.26	156	72979	20.300	ug/l	99
78) n-propylbenzene	11.36	91	303071	20.947	ug/l	100
79) 2-Chlorotoluene	11.42	91	180334	20.351	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	223158	20.726	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	24146	17.883	ug/l	98
82) 4-Chlorotoluene	11.51	91	211643	20.148	ug/l	99
83) tert-Butylbenzene	11.77	119	225964	20.724	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	232545	20.987	ug/l	97
85) sec-Butylbenzene	11.94	105	273020	21.159	ug/l	99
86) p-Isopropyltoluene	12.07	119	241477	20.705	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	133191	19.827	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	134932	19.634	ug/l	98
89) n-Butylbenzene	12.39	91	210015	19.833	ug/l	97
90) Hexachloroethane	12.60	117	37258	18.537	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	133841	19.524	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	21063	18.205	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	101180	20.117	ug/l	99
94) Hexachlorobutadiene	13.79	225	52038	19.590	ug/l	98
95) Naphthalene	13.83	128	304942	20.906	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	105002	20.404	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.01 min

Lab File: VX005400.D

Acq: 17 Oct 2018 20:14

Instrument :

MSVOA_X

ClientSampleId :

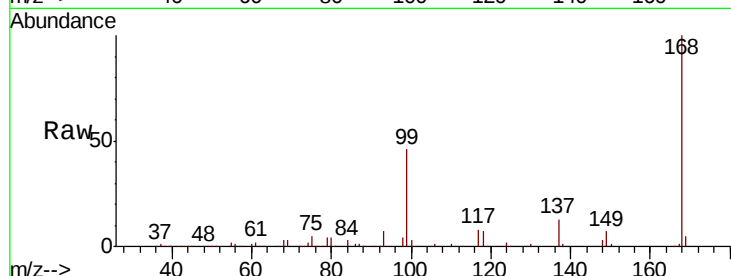
VX1017WBS02

Tot Ion:168 Resp: 288504

Ion Ratio Lower Upper

168 100

99 45.8 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

120000

100000

80000

60000

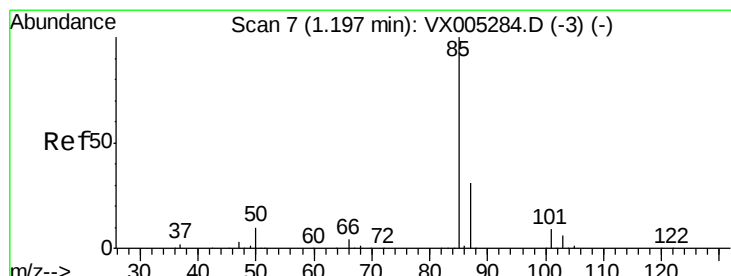
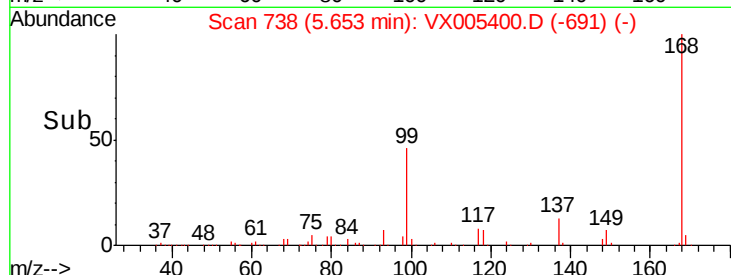
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 18.999 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005400.D

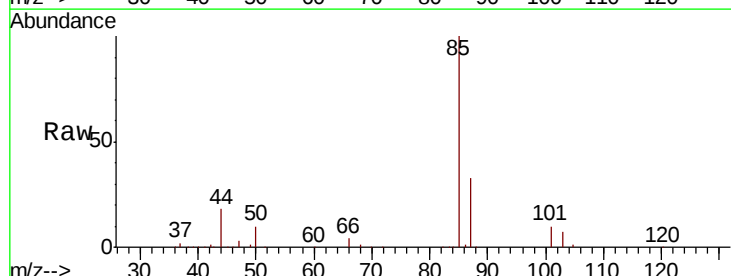
Acq: 17 Oct 2018 20:14

Tgt Ion: 85 Resp: 42857

Ion Ratio Lower Upper

85 100

87 32.9 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

50000

40000

30000

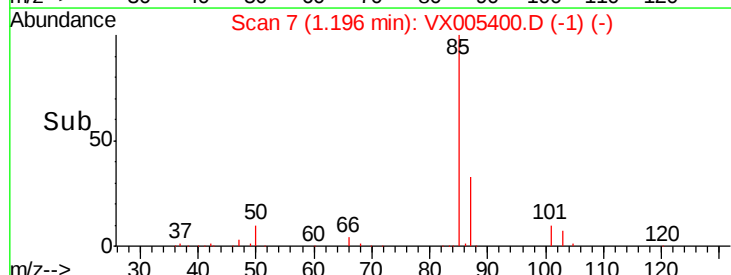
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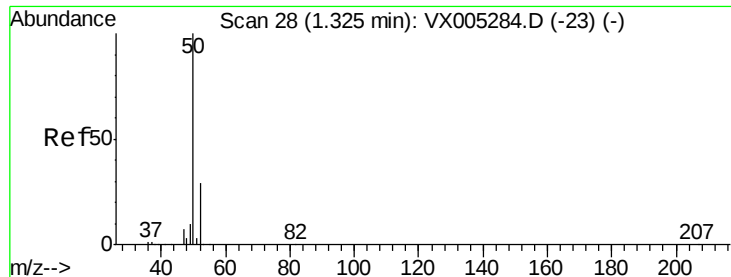
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Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 18.408 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005400.D

Acq: 17 Oct 2018 20:14

Instrument :

MSVOA_X

ClientSampleId :

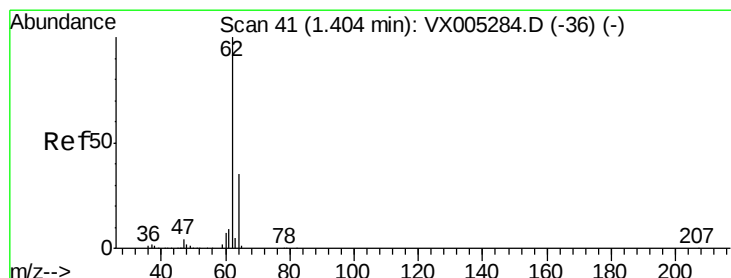
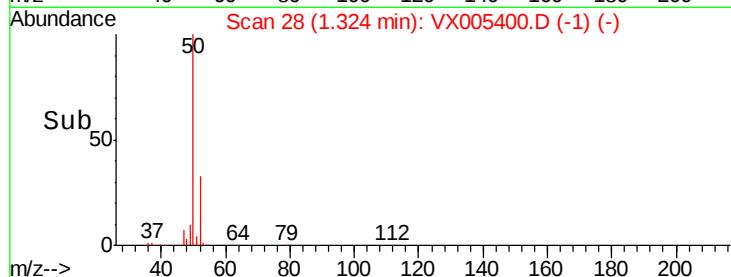
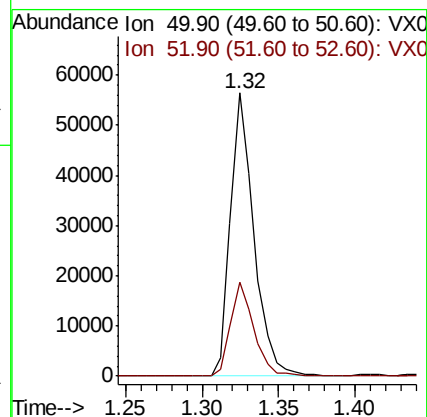
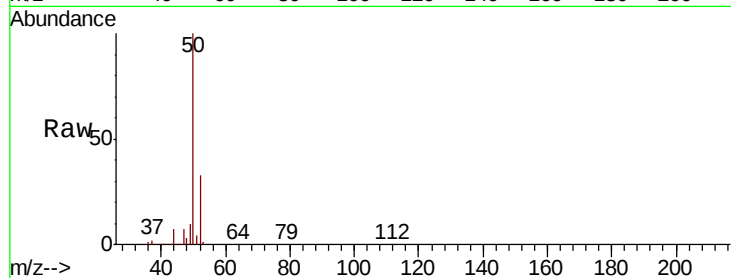
VX1017WBS02

Tot Ion: 50 Resp: 60169

Ion Ratio Lower Upper

50 100

52 33.0 26.2 39.2



#4

Vinyl Chloride

Concen: 18.445 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX005400.D

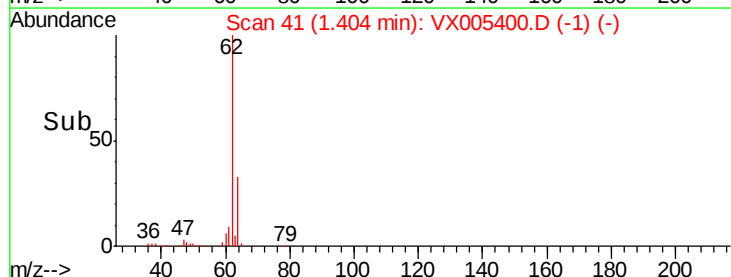
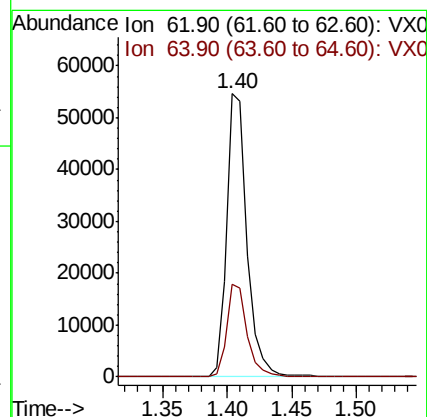
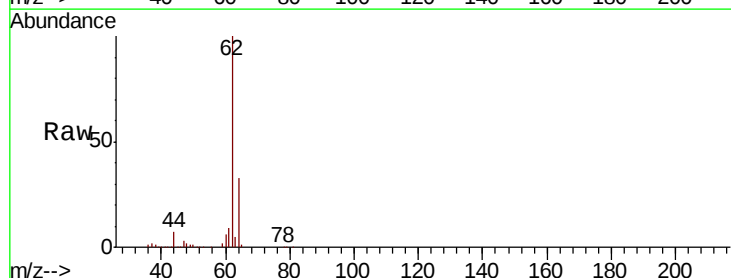
Acq: 17 Oct 2018 20:14

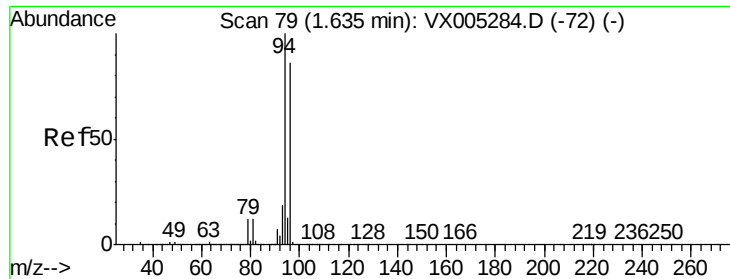
Tgt Ion: 62 Resp: 61072

Ion Ratio Lower Upper

62 100

64 32.6 25.8 38.8

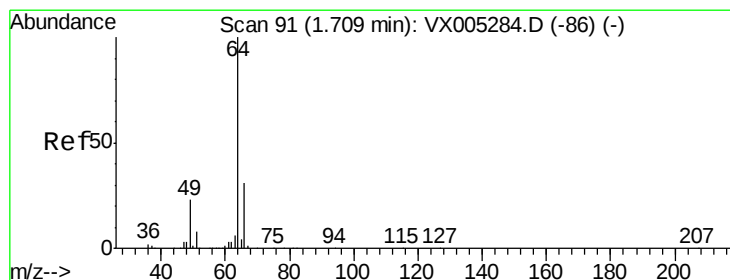
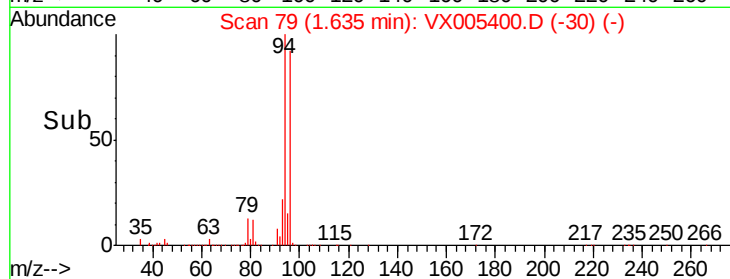
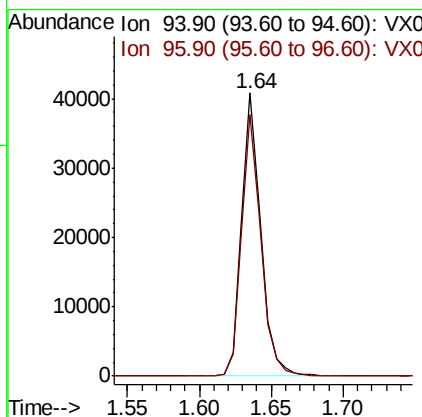
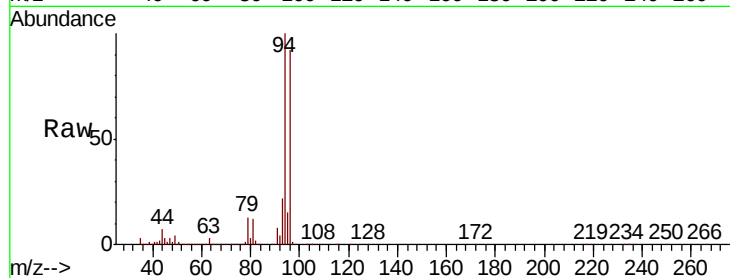




#5
Bromomethane
Concen: 20.487 ug/l
RT: 1.64 min Scan# 79
Delta R.T. 0.00 min
Lab File: VX005400.D
Acq: 17 Oct 2018 20:14

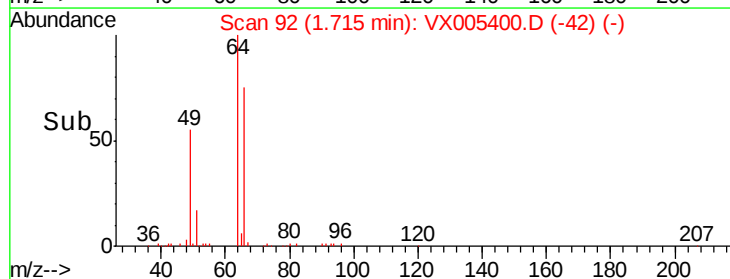
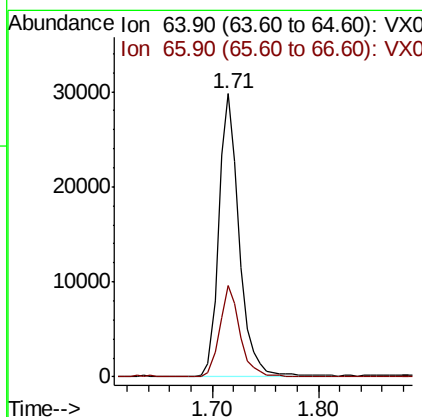
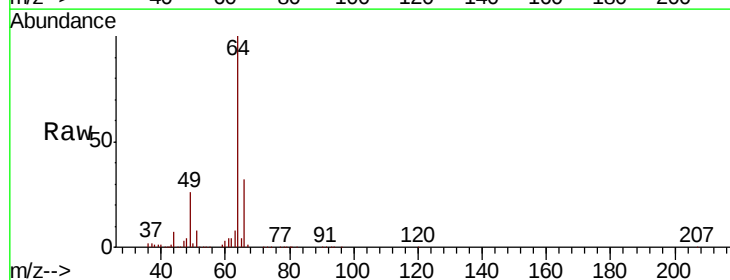
Instrument :
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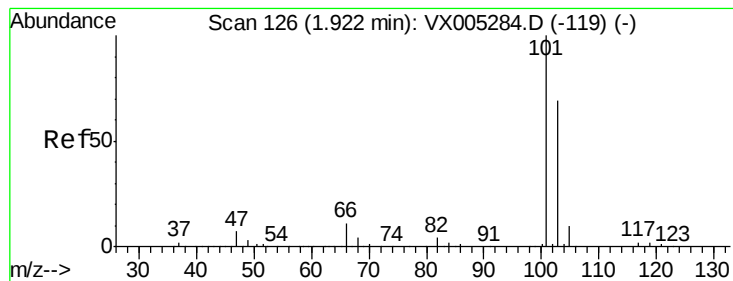
Tot Ion: 94 Resp: 37659
Ion Ratio Lower Upper
94 100
96 92.4 74.5 111.7



#6
Chloroethane
Concen: 19.405 ug/l
RT: 1.71 min Scan# 92
Delta R.T. 0.01 min
Lab File: VX005400.D
Acq: 17 Oct 2018 20:14

Tgt Ion: 64 Resp: 39886
Ion Ratio Lower Upper
64 100
66 32.1 24.6 36.8



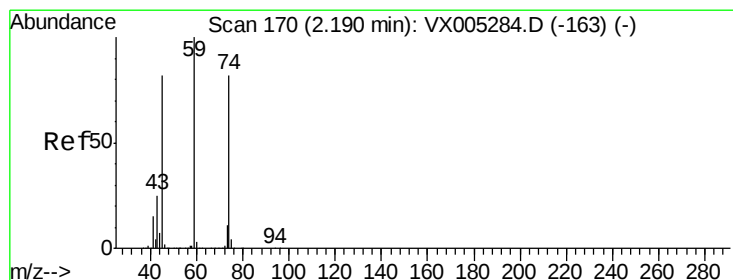
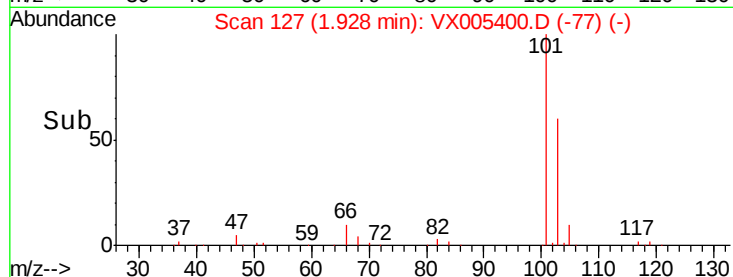
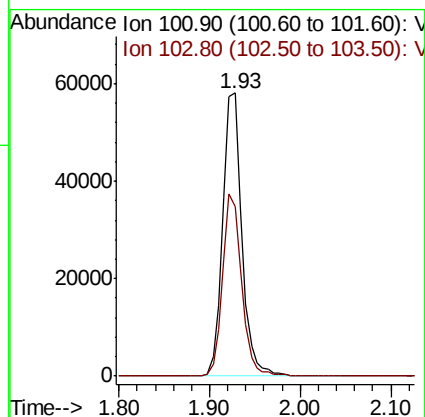
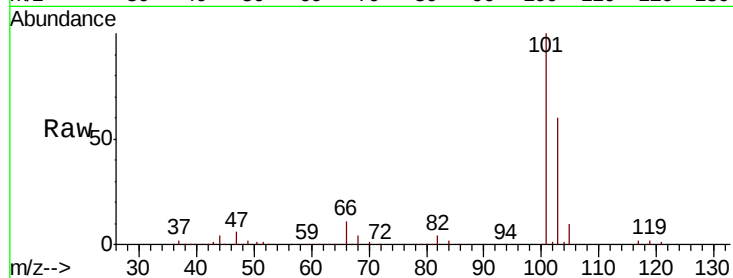


#7

Trichlorofluoromethane
 Concen: 19.430 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX005400.D
 Acq: 17 Oct 2018 20:14

Instrument :
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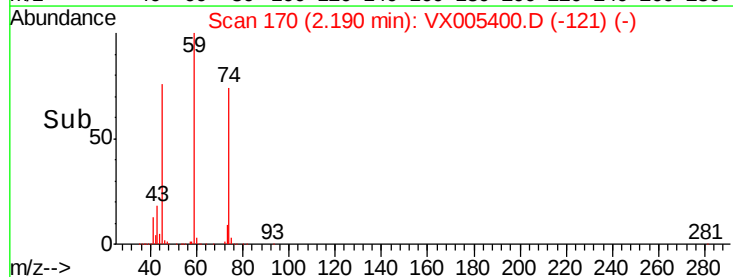
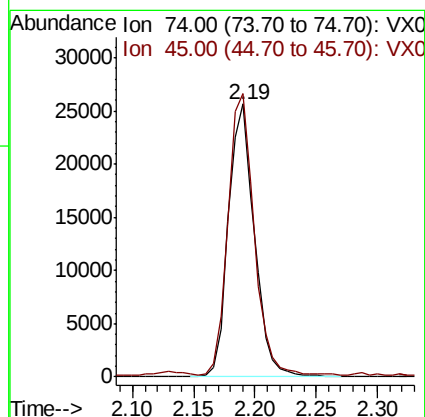
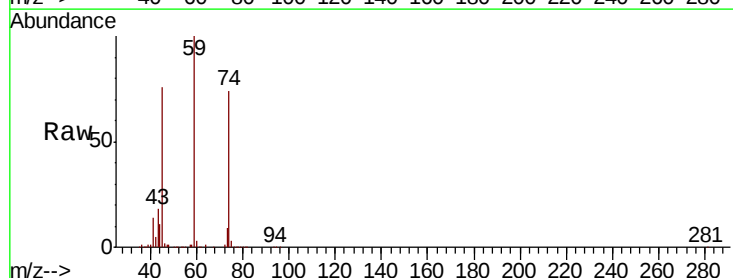
Tot Ion:101 Resp: 85853
 Ion Ratio Lower Upper
 101 100
 103 60.1 48.9 73.3

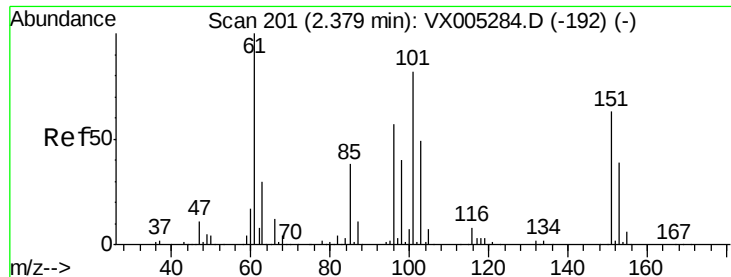


#8

Diethyl Ether
 Concen: 19.905 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX005400.D
 Acq: 17 Oct 2018 20:14

Tgt Ion: 74 Resp: 37558
 Ion Ratio Lower Upper
 74 100
 45 103.6 48.3 144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.087 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX005400.D

Acq: 17 Oct 2018 20:14

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBS02

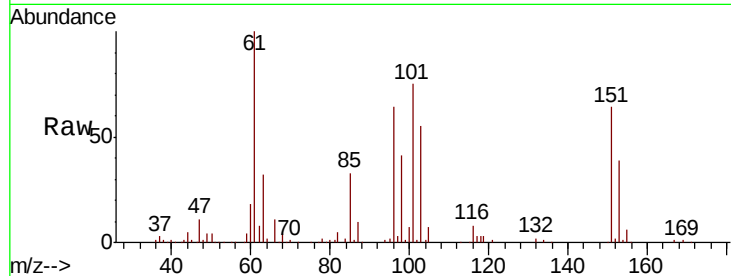
Tot Ion:101 Resp: 51228

Ion Ratio Lower Upper

101 100

85 43.3 34.2 51.4

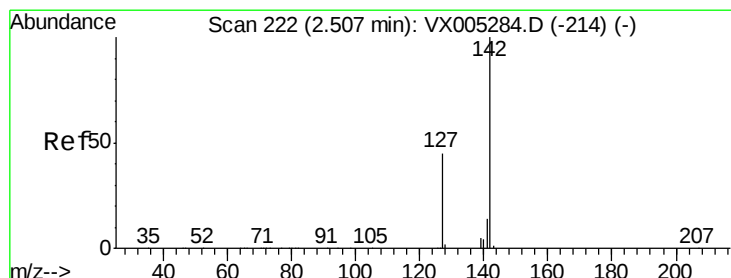
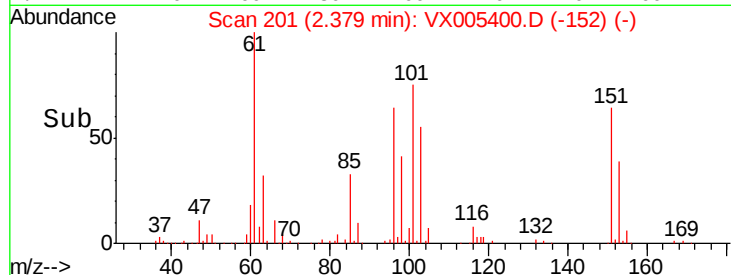
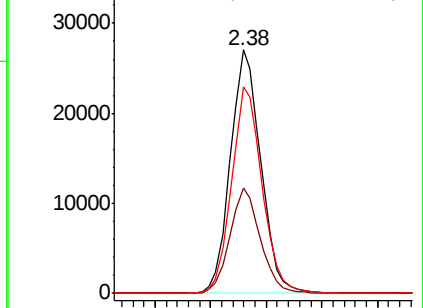
151 85.2 65.0 97.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.754 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX005400.D

Acq: 17 Oct 2018 20:14

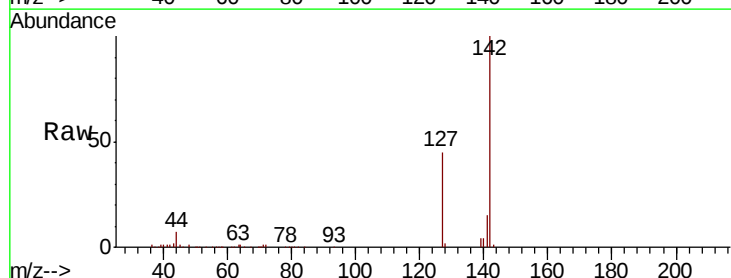
Tgt Ion:142 Resp: 53751

Ion Ratio Lower Upper

142 100

127 42.4 33.8 50.6

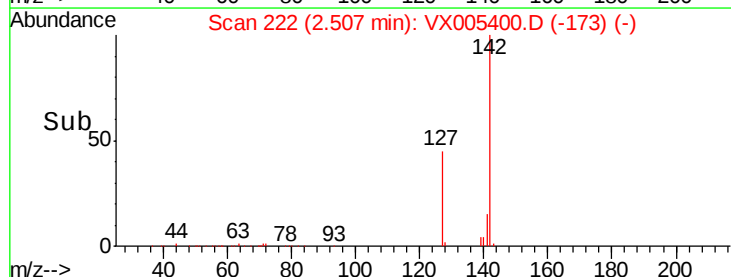
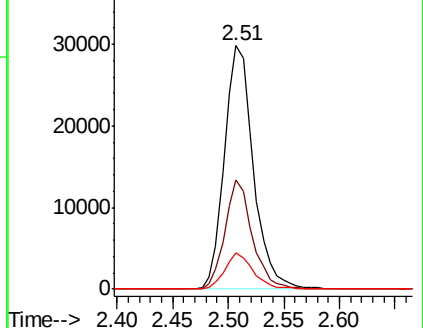
141 14.7 11.4 17.0



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



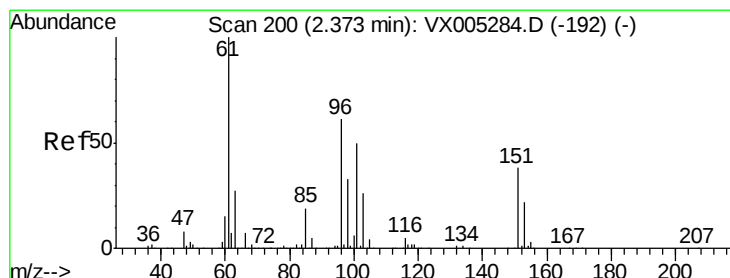
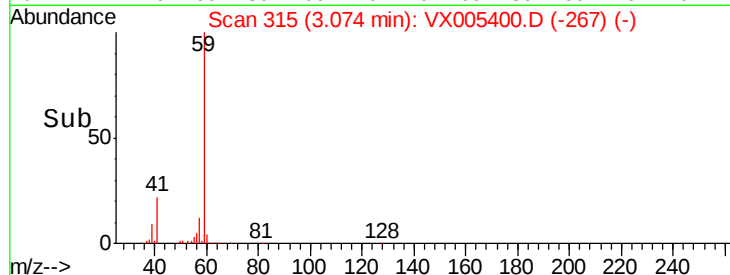
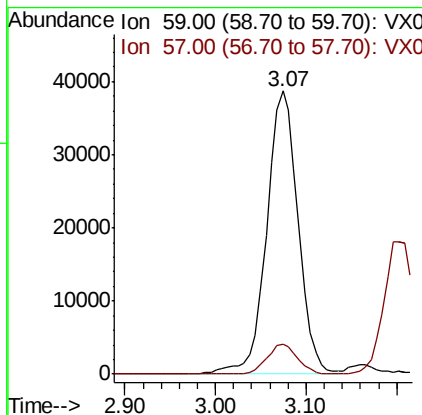
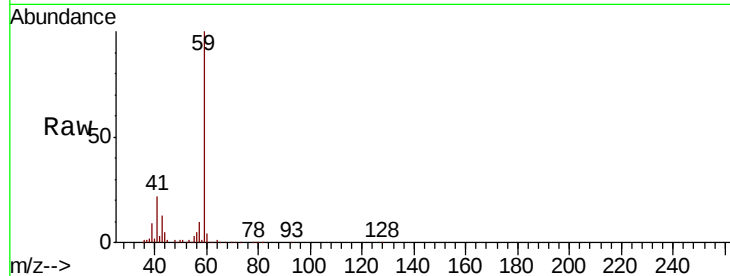


#11

Tert butyl alcohol
 Concen: 102.867 ug/l
 RT: 3.07 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX005400.D
 Acq: 17 Oct 2018 20:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017WBS02

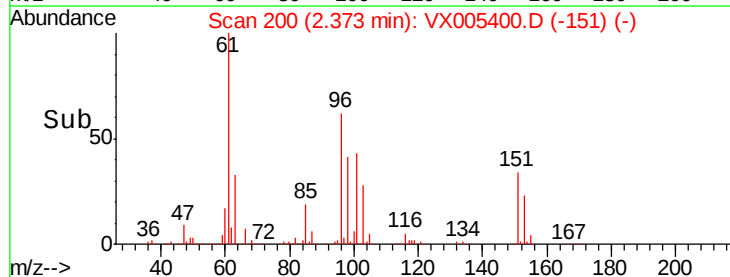
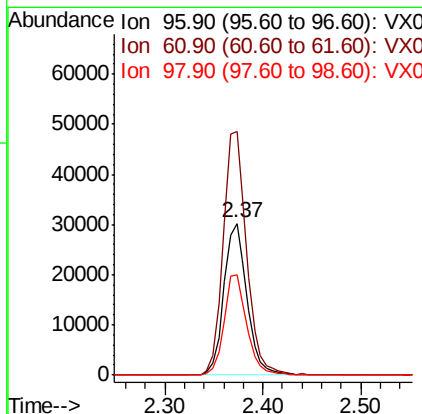
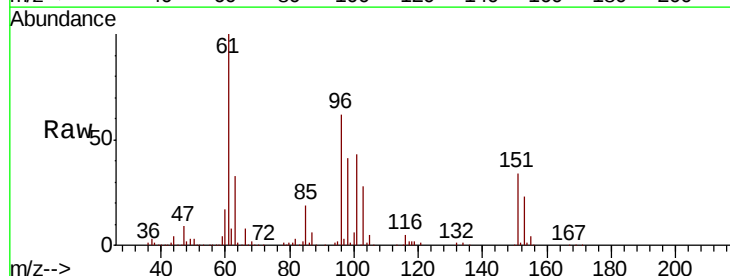
Tot Ion: 59 Resp: 92912
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.2 12.4

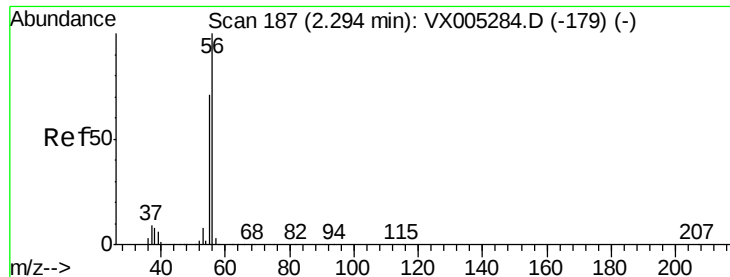


#12

1,1-Dichloroethene
 Concen: 19.616 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX005400.D
 Acq: 17 Oct 2018 20:14

Tgt Ion: 96 Resp: 49566
 Ion Ratio Lower Upper
 96 100
 61 160.4 128.8 193.2
 98 65.9 52.2 78.2





#13

Acrolein

Concen: 62.273 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX005400.D

Acq: 17 Oct 2018 20:14

Instrument :

MSVOA_X

ClientSampleId :

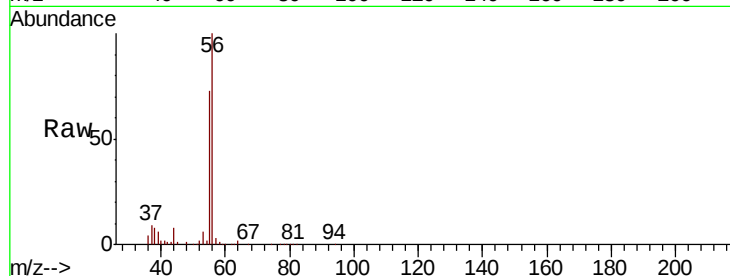
VX1017WBS02

Tot Ion: 56 Resp: 36828

Ion Ratio Lower Upper

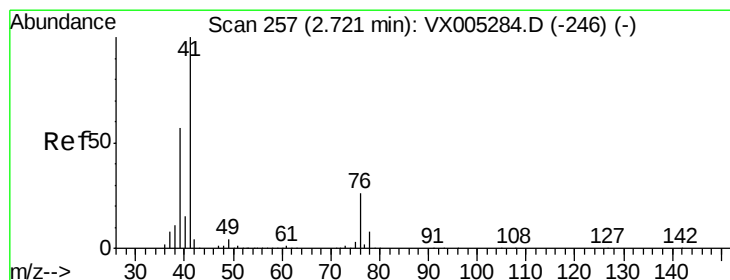
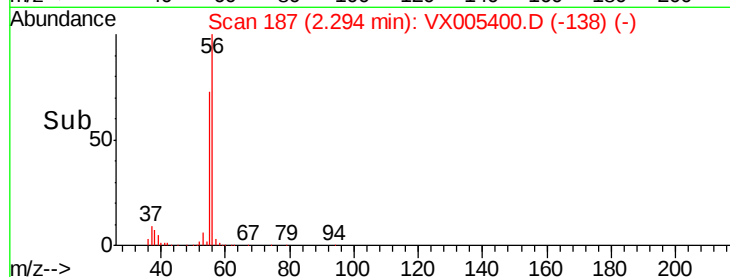
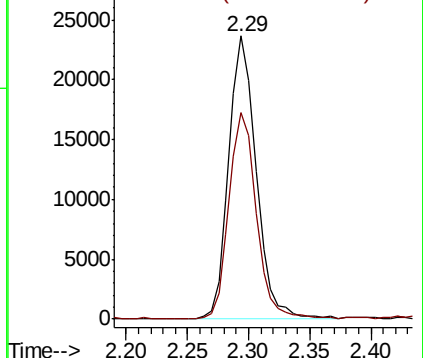
56 100

55 72.1 54.7 82.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 19.480 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX005400.D

Acq: 17 Oct 2018 20:14

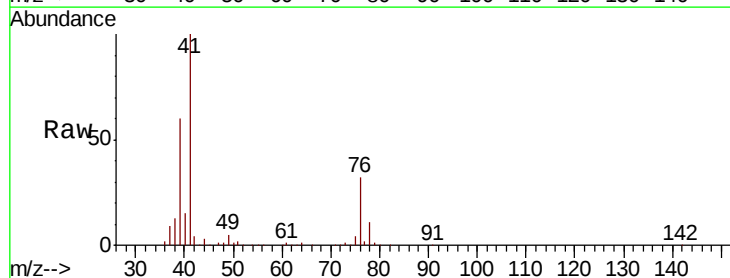
Tgt Ion: 41 Resp: 108067

Ion Ratio Lower Upper

41 100

39 55.9 48.9 73.3

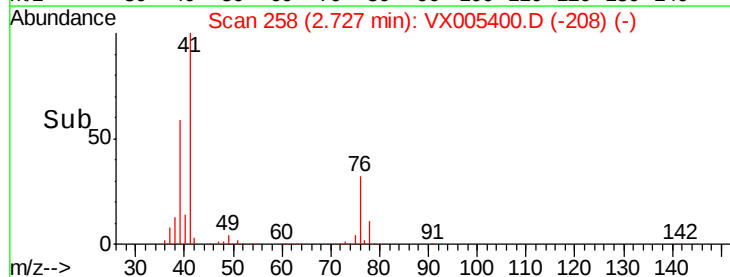
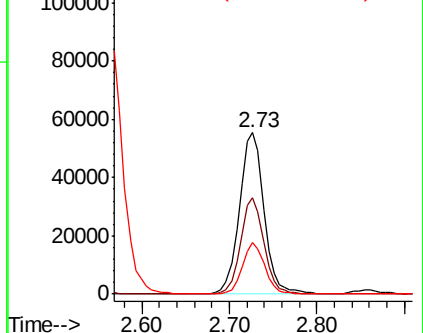
76 29.1 26.7 40.1

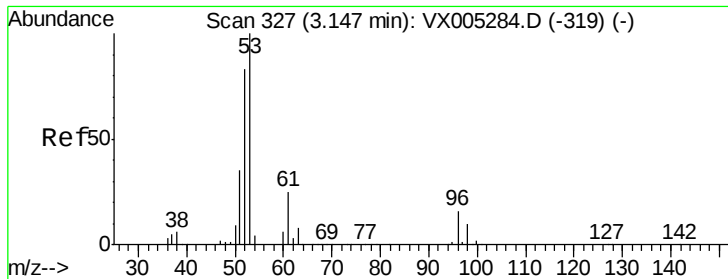


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 96.431 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX005400.D

Acq: 17 Oct 2018 20:14

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBS02

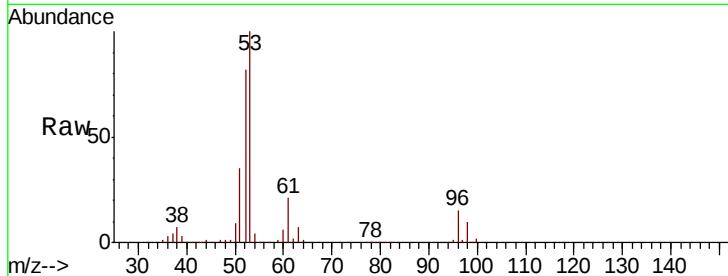
Tot Ion: 53 Resp: 197371

Ion Ratio Lower Upper

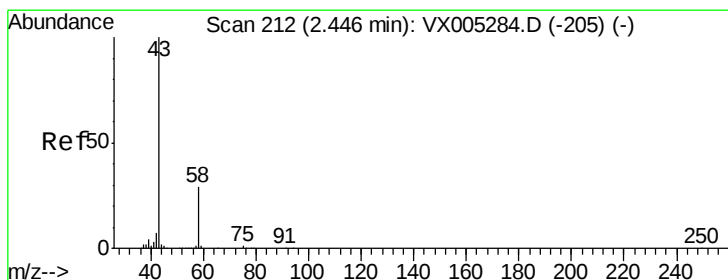
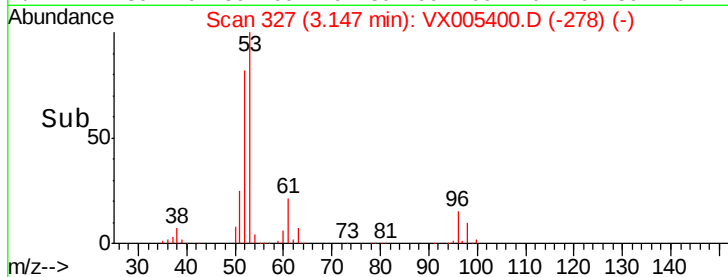
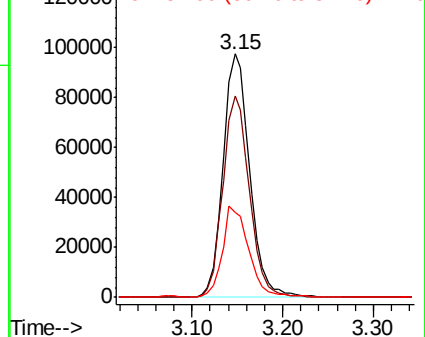
53 100

52 83.5 65.2 97.8

51 37.1 28.2 42.2



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



#16

Acetone

Concen: 91.671 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005400.D

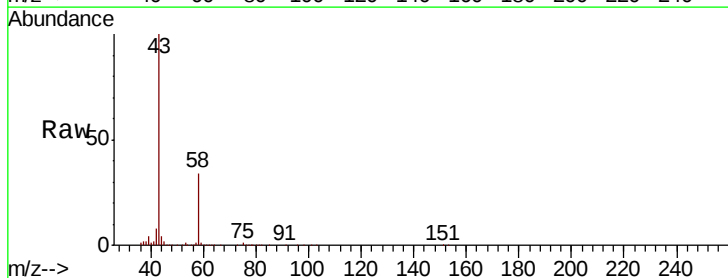
Acq: 17 Oct 2018 20:14

Tgt Ion: 43 Resp: 169713

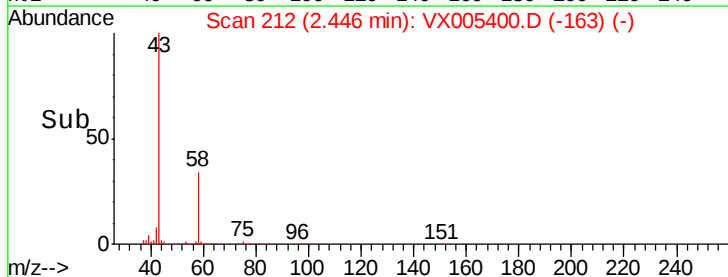
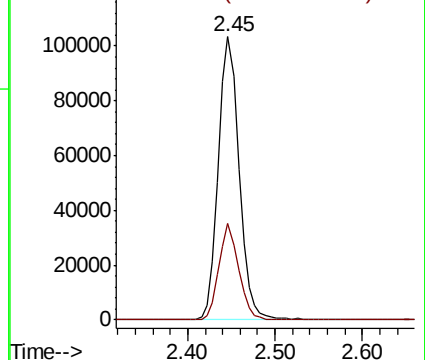
Ion Ratio Lower Upper

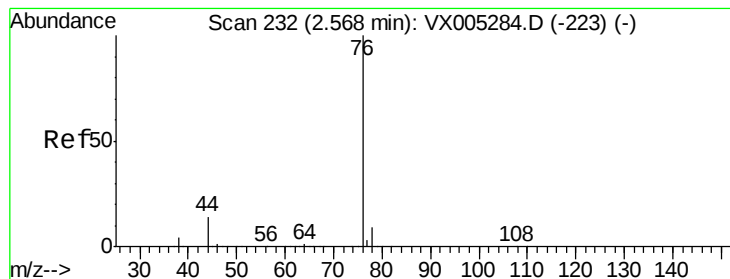
43 100

58 34.3 26.2 39.4



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





#17

Carbon Disulfide

Concen: 17.500 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX005400.D

Acq: 17 Oct 2018 20:14

Instrument :

MSVOA_X

ClientSampleId :

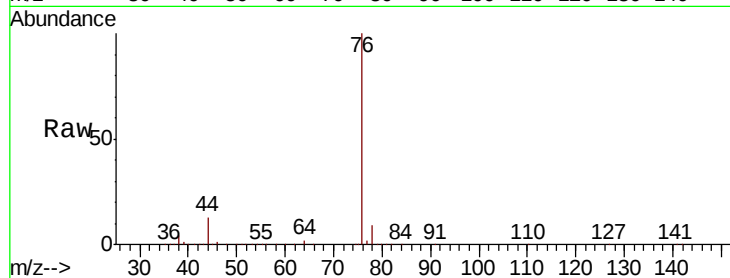
VX1017WBS02

Tot Ion: 76 Resp: 133955

Ion Ratio Lower Upper

76 100

78 8.9 7.0 10.6

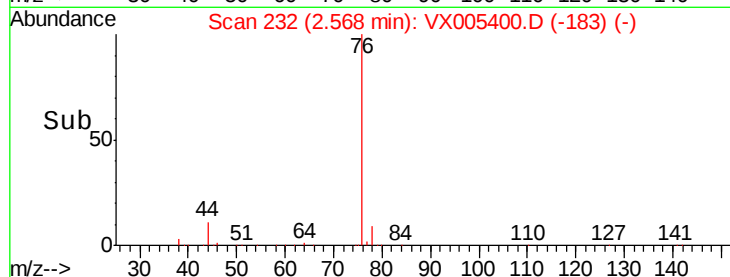


Abundance Ion 75.90 (75.60 to 76.60): VX0

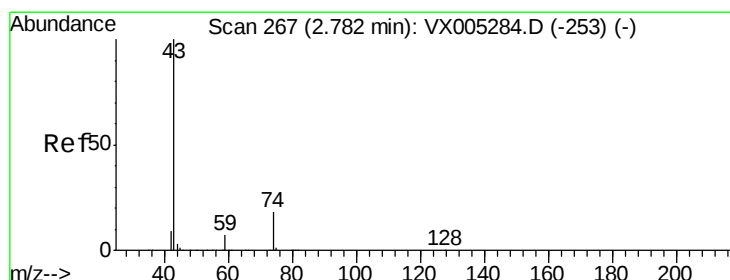
Ion 77.90 (77.60 to 78.60): VX0

2.57

Time-->



Time-->



#18

Methyl Acetate

Concen: 20.275 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX005400.D

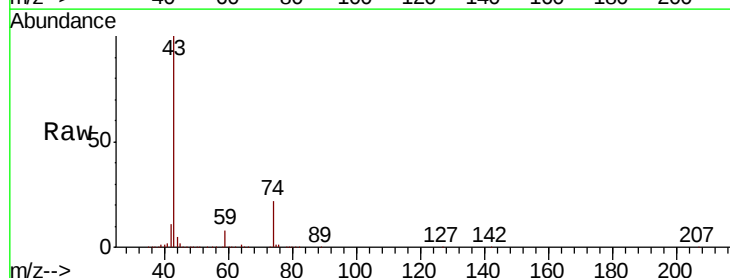
Acq: 17 Oct 2018 20:14

Tgt Ion: 43 Resp: 106790

Ion Ratio Lower Upper

43 100

74 22.2 19.4 29.2

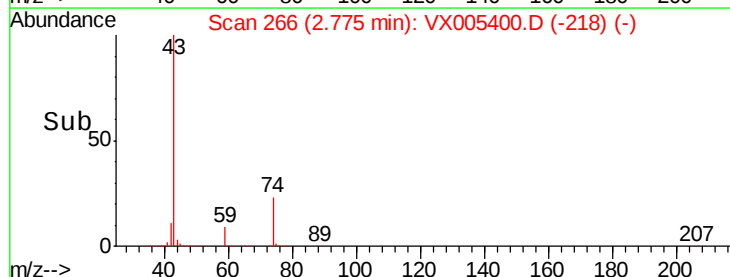


Abundance Ion 43.00 (42.70 to 43.70): VX0

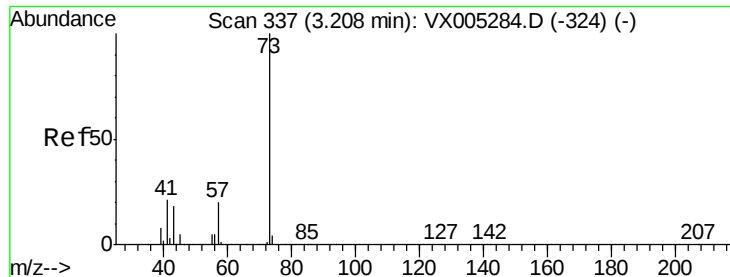
Ion 74.00 (73.70 to 74.70): VX0

2.78

Time-->



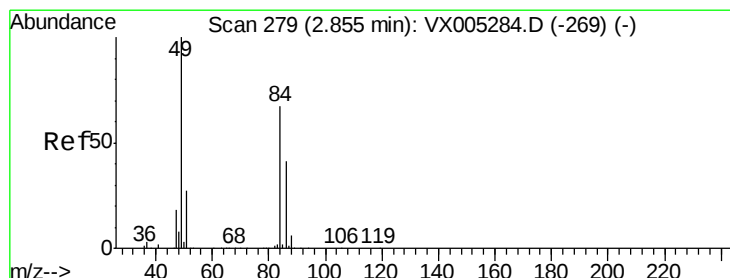
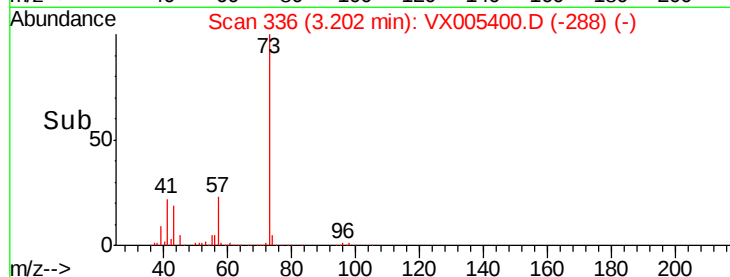
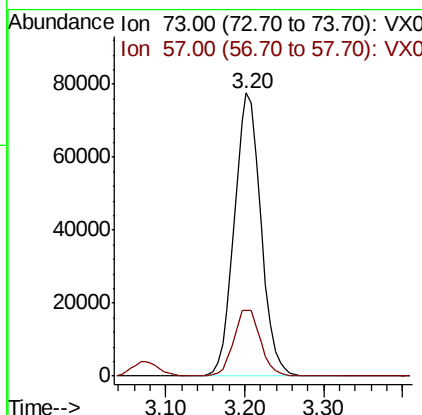
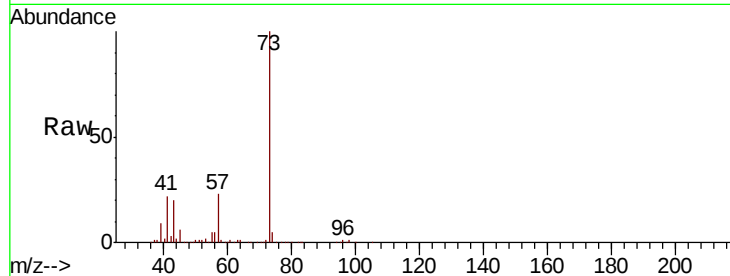
Time-->



#19
Methyl tert-butyl Ether
Concen: 20.459 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.01 min
Lab File: VX005400.D
Acq: 17 Oct 2018 20:14

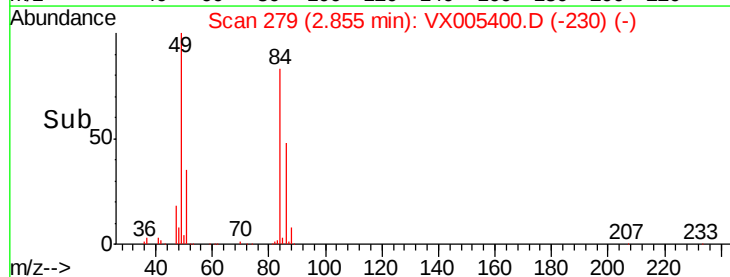
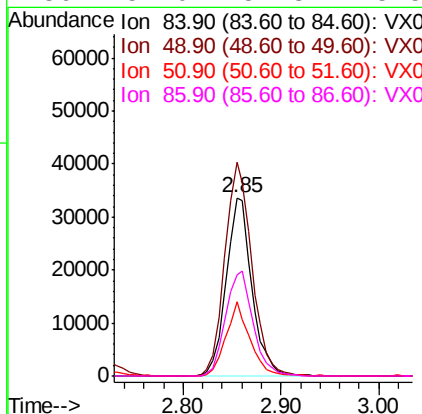
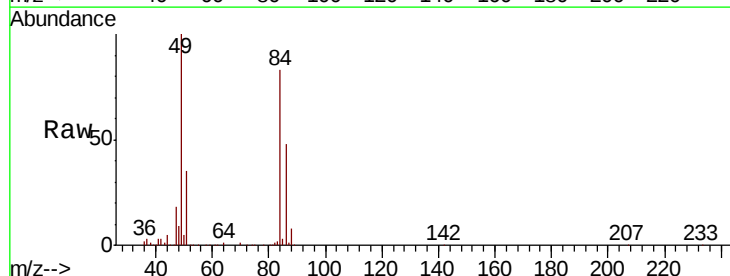
Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS02

Tot Ion: 73 Resp: 182070
Ion Ratio Lower Upper
73 100
57 23.2 17.1 25.7



#20
Methylene Chloride
Concen: 22.017 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX005400.D
Acq: 17 Oct 2018 20:14

Tgt Ion: 84 Resp: 61367
Ion Ratio Lower Upper
84 100
49 119.8 101.2 151.8
51 41.4 29.5 44.3
86 57.0 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 19.264 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX005400.D

Acq: 17 Oct 2018 20:14

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBS02

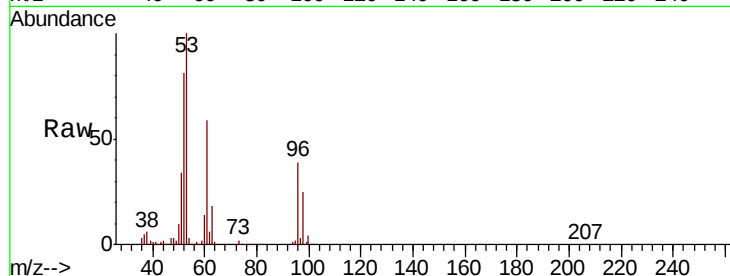
Tot Ion: 96 Resp: 53943

Ion Ratio Lower Upper

96 100

61 153.2 113.8 170.6

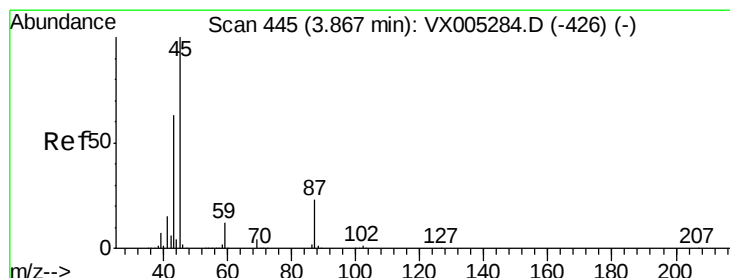
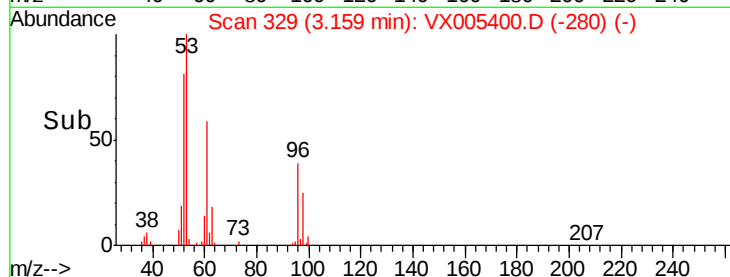
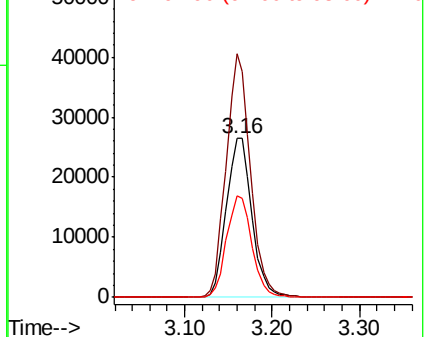
98 63.9 51.8 77.8



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 19.936 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.00 min

Lab File: VX005400.D

Acq: 17 Oct 2018 20:14

Tgt Ion: 45 Resp: 185764

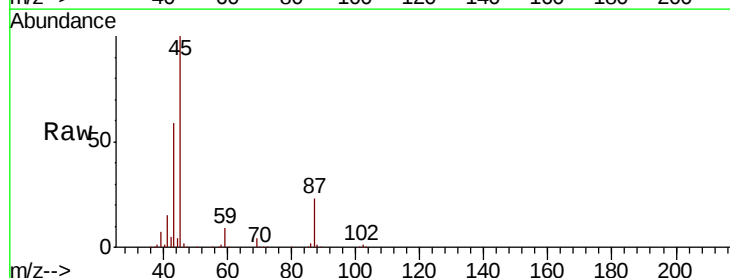
Ion Ratio Lower Upper

45 100

43 59.2 42.8 64.2

87 22.8 22.6 34.0

59 9.5 9.6 14.4#

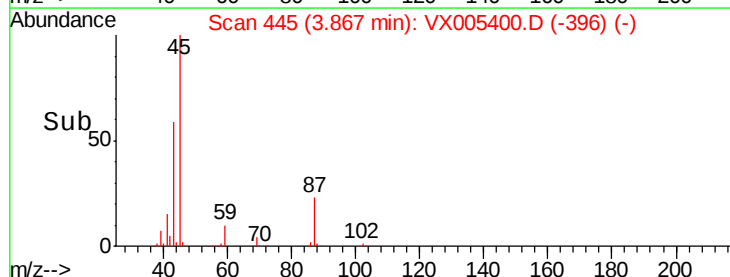
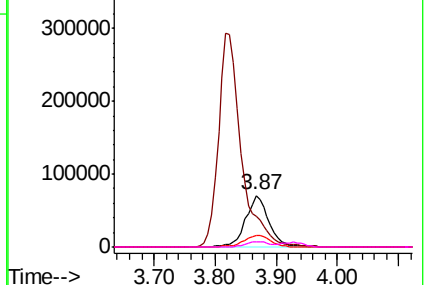


Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 94.123 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.00 min

Lab File: VX005400.D

Acq: 17 Oct 2018 20:14

Instrument :

MSVOA_X

ClientSampleId :

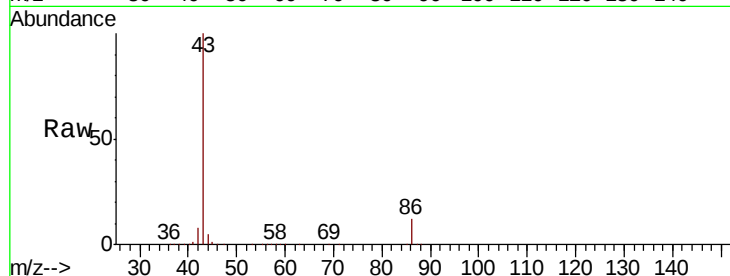
VX1017WBS02

Tot Ion: 43 Resp: 766563

Ion Ratio Lower Upper

43 100

86 12.1 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VX005400.D (-388) (-)

Ion 86.00 (85.70 to 86.70): VX005400.D (-388) (-)

3.82

300000

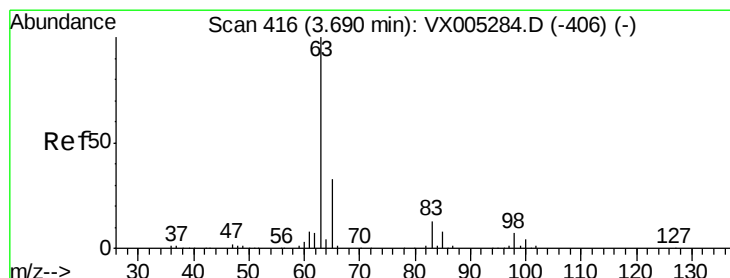
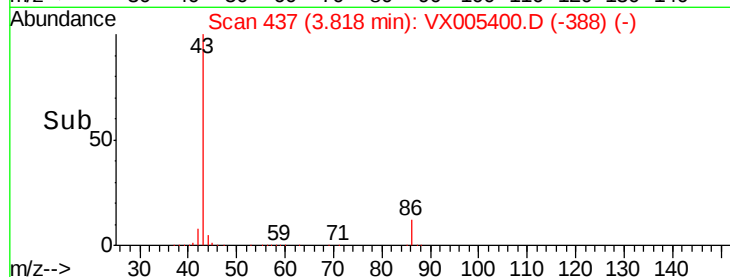
200000

100000

0

3.70 3.80 3.90 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 19.697 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX005400.D

Acq: 17 Oct 2018 20:14

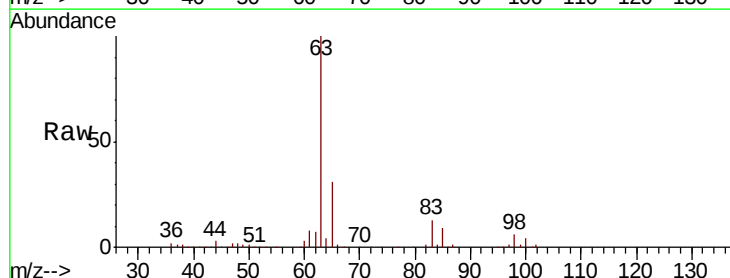
Tgt Ion: 63 Resp: 105189

Ion Ratio Lower Upper

63 100

98 6.1 3.5 10.4

100 4.3 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VX005400.D (-367) (-)

Ion 97.90 (97.60 to 98.60): VX005400.D (-367) (-)

Ion 99.90 (99.60 to 100.60): VX005400.D (-367) (-)

3.70

60000

50000

40000

30000

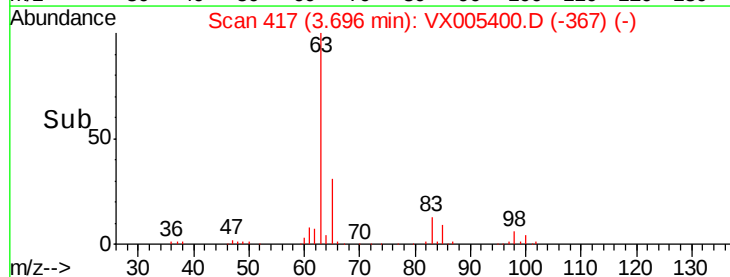
20000

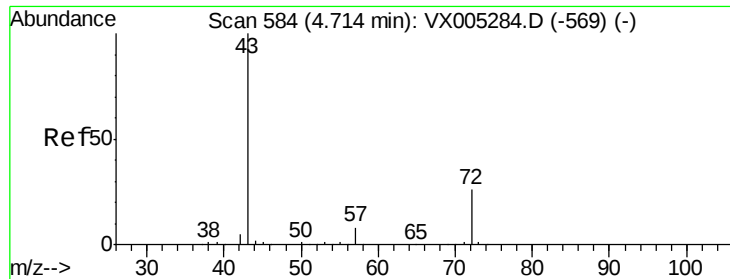
10000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 98.737 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.02 min

Lab File: VX005400.D

Acq: 17 Oct 2018 20:14

Instrument :

MSVOA_X

ClientSampleId :

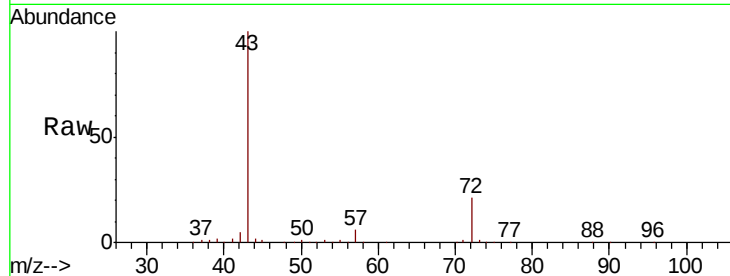
VX1017WBS02

Tot Ion: 43 Resp: 267450

Ion Ratio Lower Upper

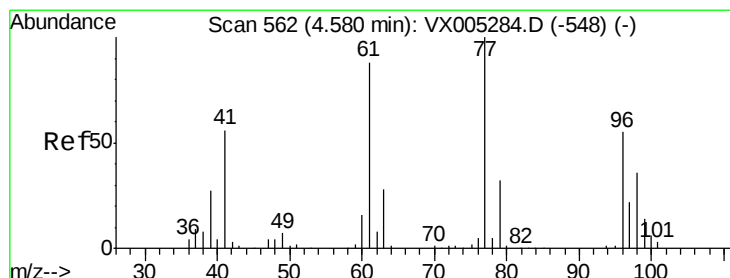
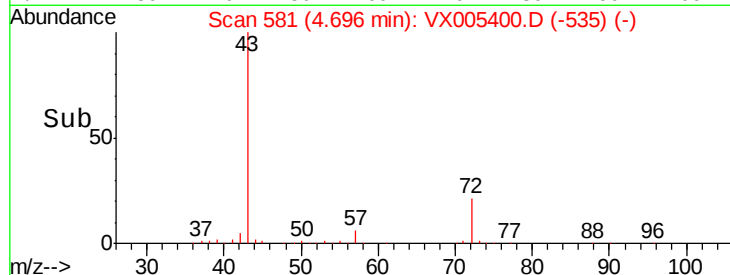
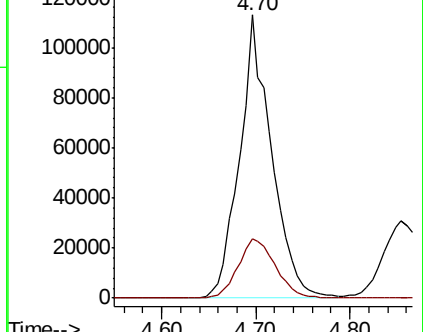
43 100

72 20.8 22.0 33.0#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 17.767 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX005400.D

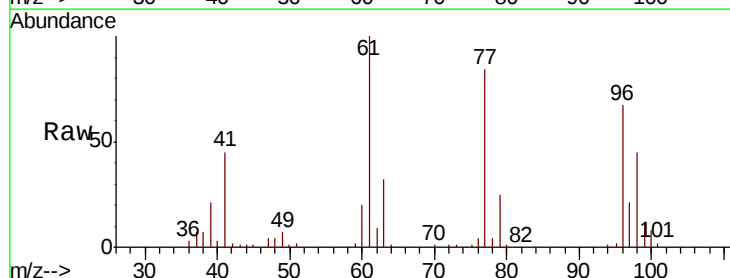
Acq: 17 Oct 2018 20:14

Tgt Ion: 77 Resp: 70960

Ion Ratio Lower Upper

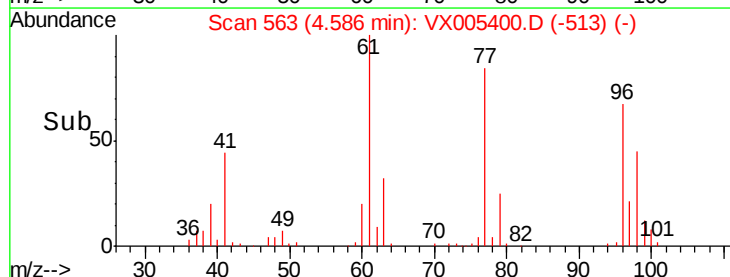
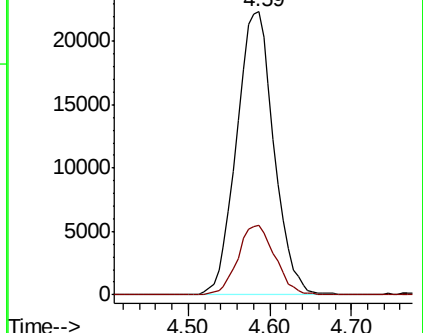
77 100

97 24.5 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



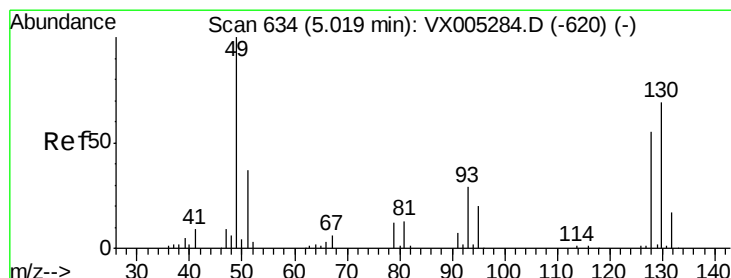
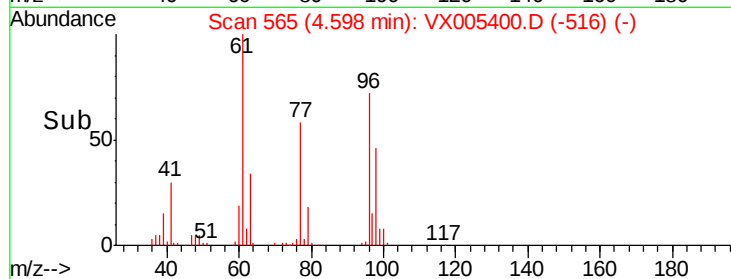
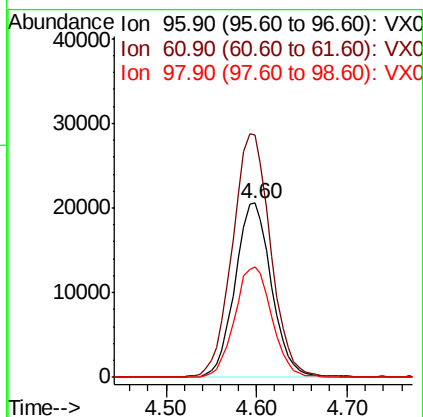
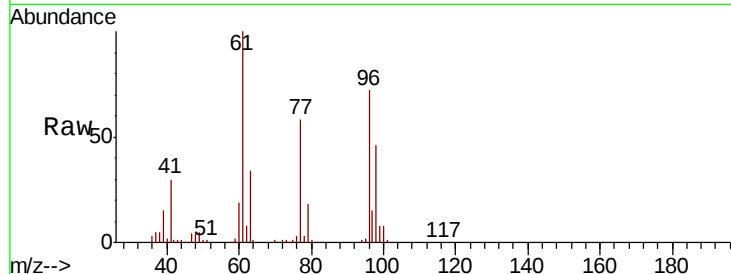


#27

cis-1,2-Dichloroethene
 Concen: 18.825 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX005400.D
 Acq: 17 Oct 2018 20:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017WBS02

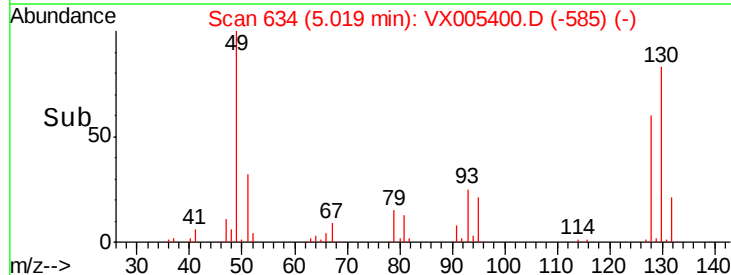
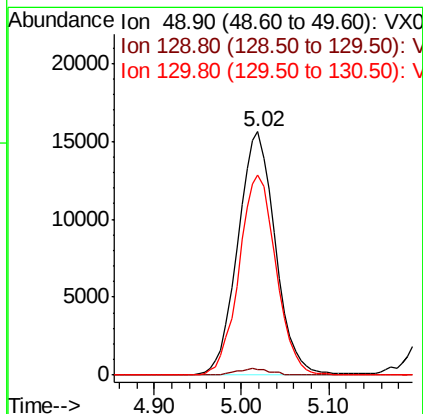
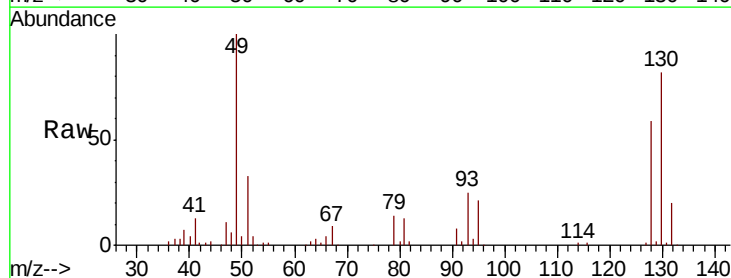
Tot Ion: 96 Resp: 57291
 Ion Ratio Lower Upper
 96 100
 61 147.1 0.0 282.6
 98 64.7 0.0 130.2

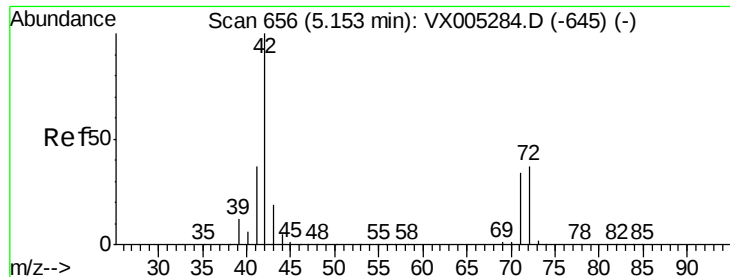


#28

Bromochloromethane
 Concen: 19.071 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: VX005400.D
 Acq: 17 Oct 2018 20:14

Tgt Ion: 49 Resp: 46428
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.2
 130 81.0 67.5 101.3

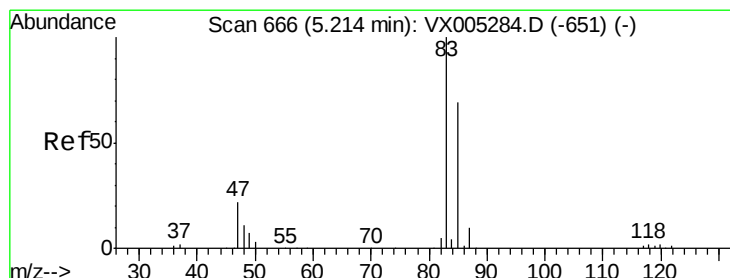
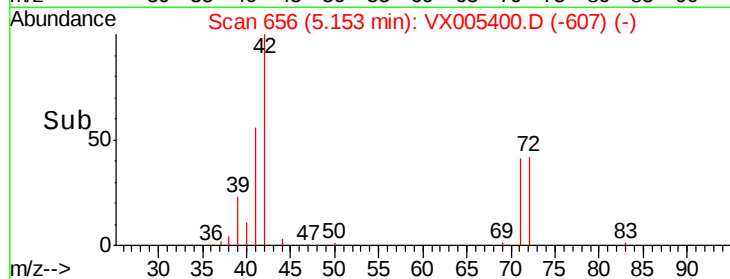
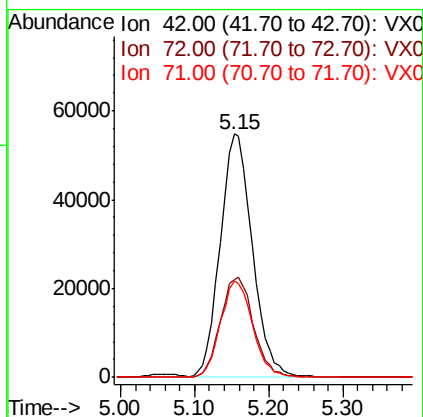
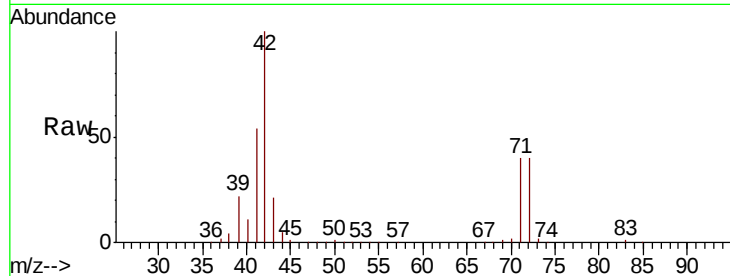




#29
Tetrahydrofuran
Concen: 95.071 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX005400.D
Acq: 17 Oct 2018 20:14

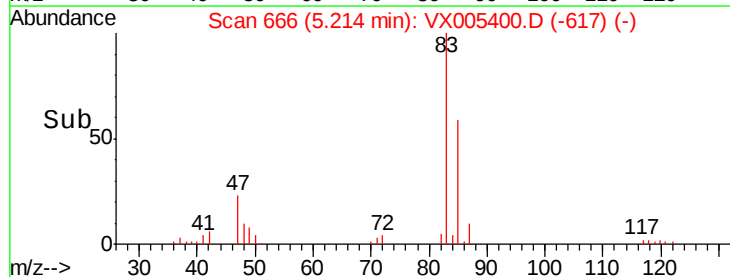
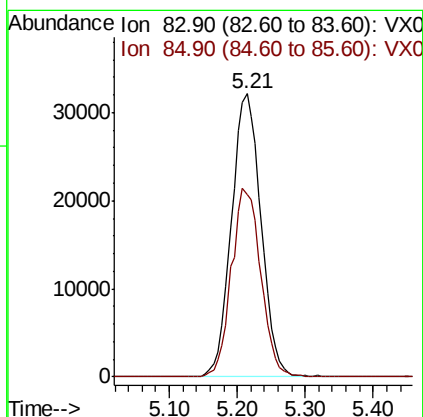
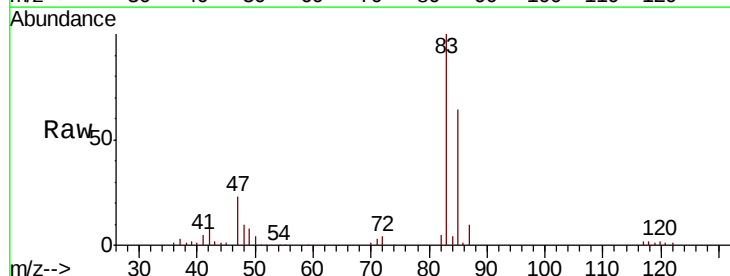
Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS02

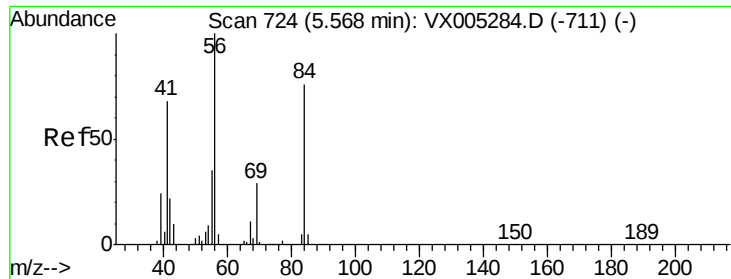
Tot Ion: 42 Resp: 164265
Ion Ratio Lower Upper
42 100
72 42.6 37.4 56.0
71 39.8 34.5 51.7



#30
Chloroform
Concen: 19.548 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX005400.D
Acq: 17 Oct 2018 20:14

Tgt Ion: 83 Resp: 96893
Ion Ratio Lower Upper
83 100
85 64.3 52.6 79.0

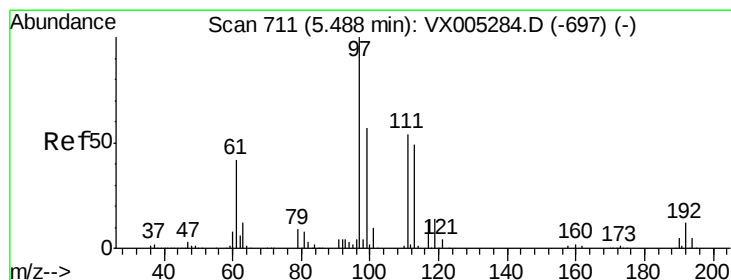
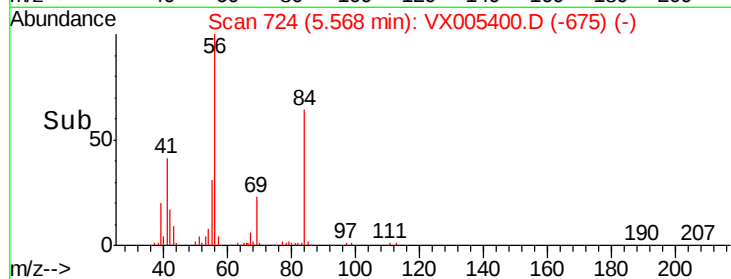
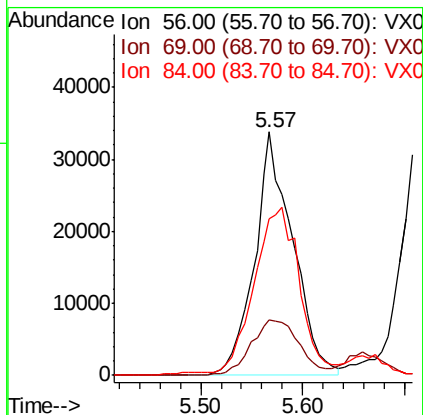
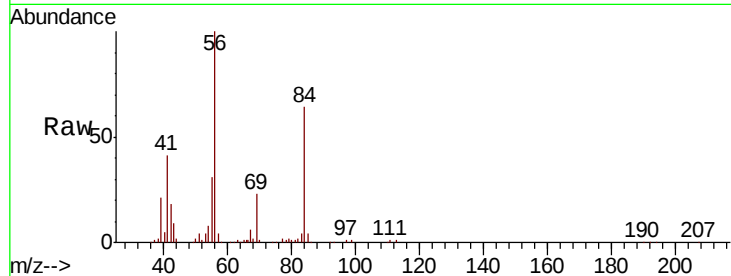




#31
Cyclohexane
Concen: 19.946 ug/l
RT: 5.57 min Scan# 724
Delta R.T. -0.00 min
Lab File: VX005400.D
Acq: 17 Oct 2018 20:14

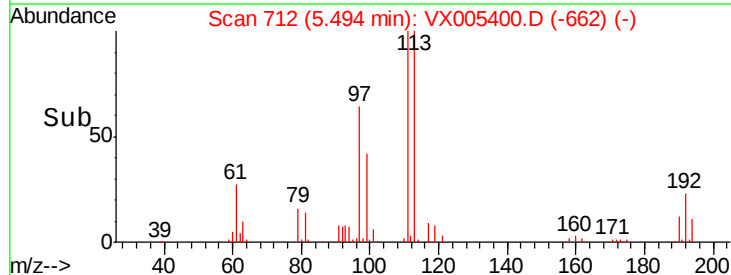
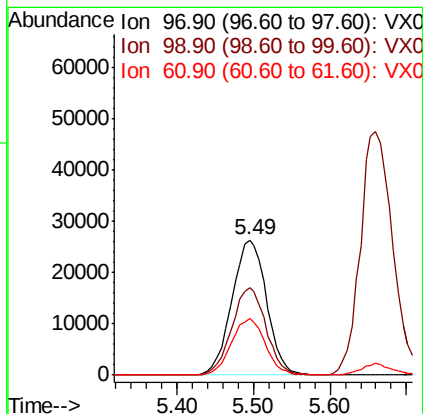
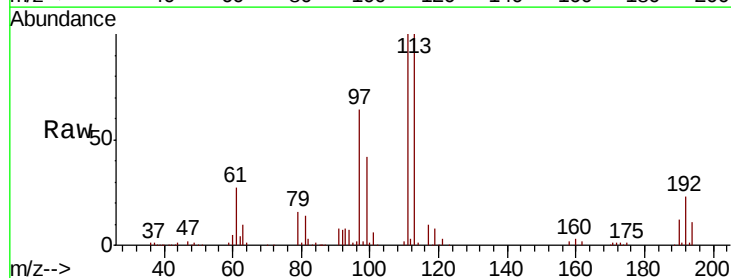
Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS02

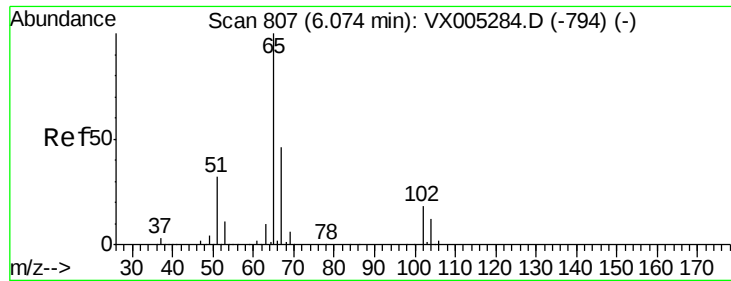
Tot Ion: 56 Resp: 87794
Ion Ratio Lower Upper
56 100
69 22.9 25.4 38.2#
84 62.8 71.4 107.2#



#32
1,1,1-Trichloroethane
Concen: 19.159 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.01 min
Lab File: VX005400.D
Acq: 17 Oct 2018 20:14

Tgt Ion: 97 Resp: 82634
Ion Ratio Lower Upper
97 100
99 63.7 52.0 78.0
61 41.6 34.9 52.3





#33

1,2-Dichloroethane-d4

Concen: 46.463 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX005400.D

Acq: 17 Oct 2018 20:14

Instrument :

MSVOA_X

ClientSampleId :

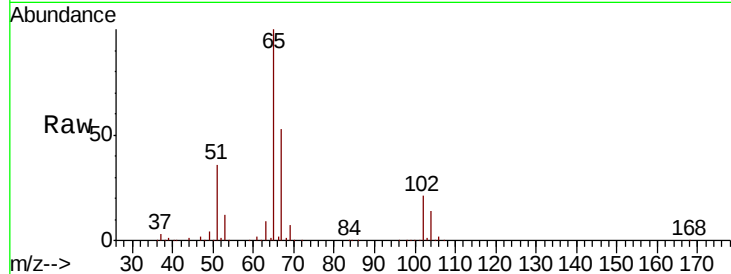
VX1017WBS02

Tot Ion: 65 Resp: 148773

Ion Ratio Lower Upper

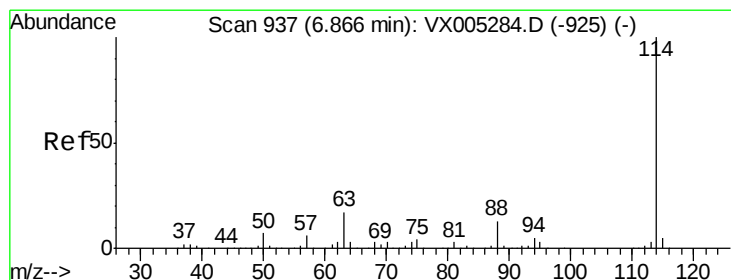
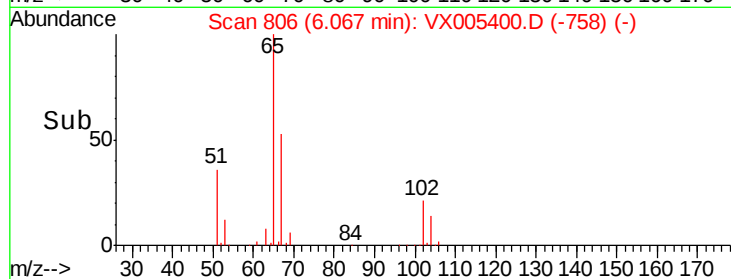
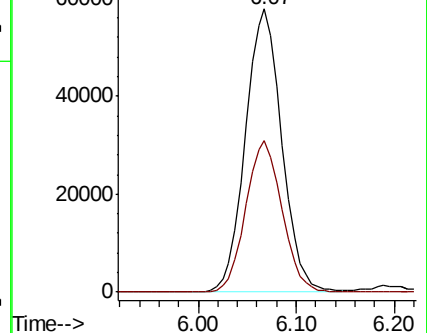
65 100

67 53.5 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.01 min

Lab File: VX005400.D

Acq: 17 Oct 2018 20:14

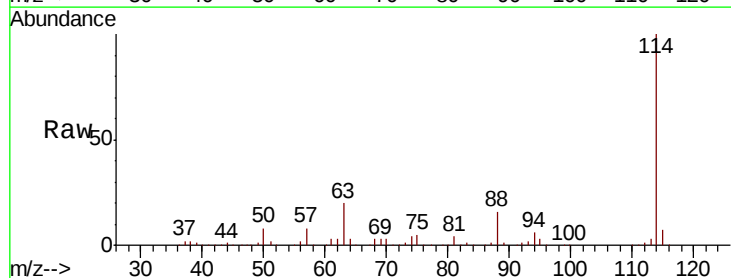
Tgt Ion: 114 Resp: 411331

Ion Ratio Lower Upper

114 100

63 20.4 0.0 39.0

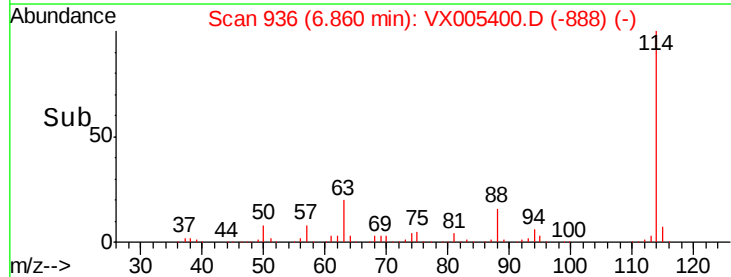
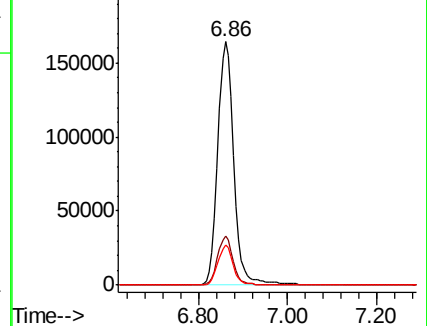
88 16.2 0.0 30.4

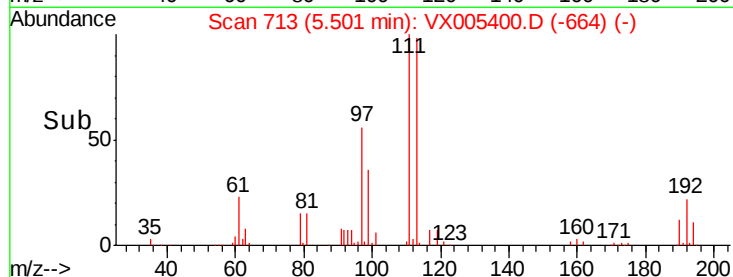
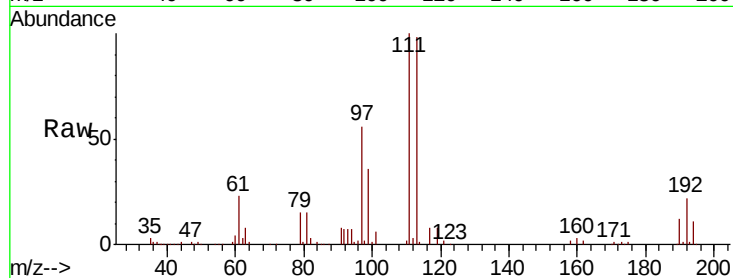
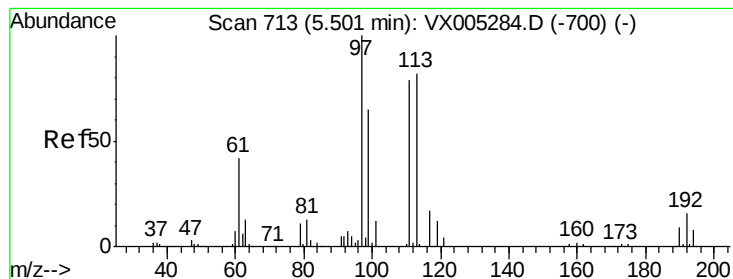


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 46.470 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX005400.D

Acq: 17 Oct 2018 20:14

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBS02

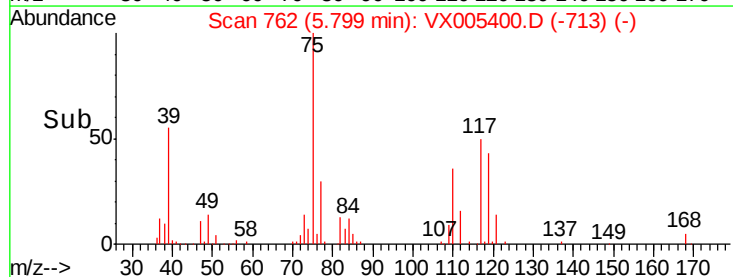
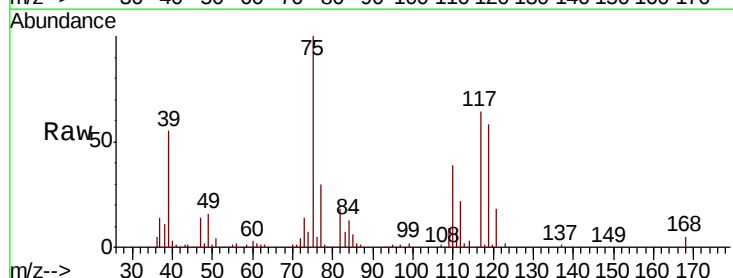
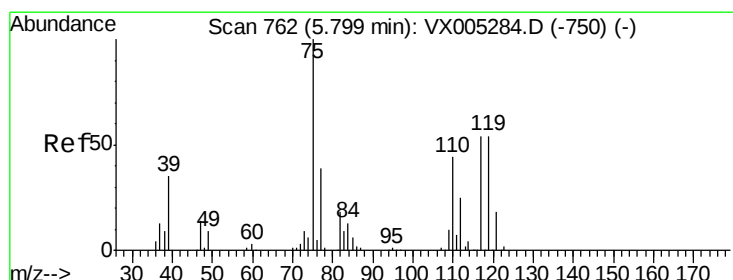
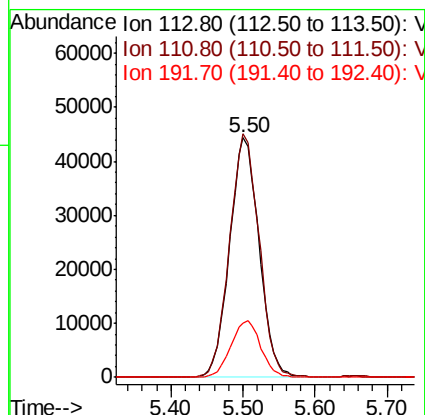
Tot Ion:113 Resp: 126600

Ion Ratio Lower Upper

113 100

111 101.5 82.4 123.6

192 23.8 19.4 29.2



#36

1,1-Dichloropropene

Concen: 17.017 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX005400.D

Acq: 17 Oct 2018 20:14

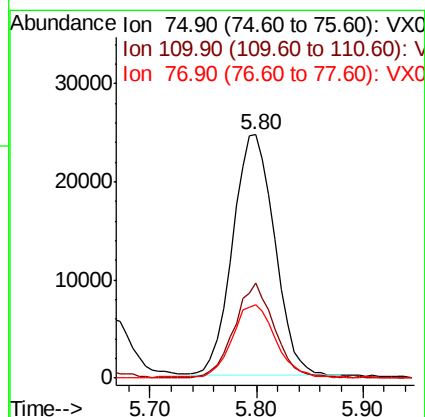
Tgt Ion: 75 Resp: 67792

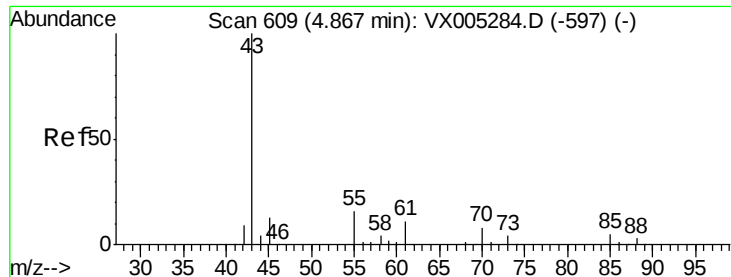
Ion Ratio Lower Upper

75 100

110 38.0 18.0 54.0

77 31.3 24.6 36.8





#37

Ethyl Acetate

Concen: 17.661 ug/l

RT: 4.85 min Scan# 607

Delta R.T. -0.01 min

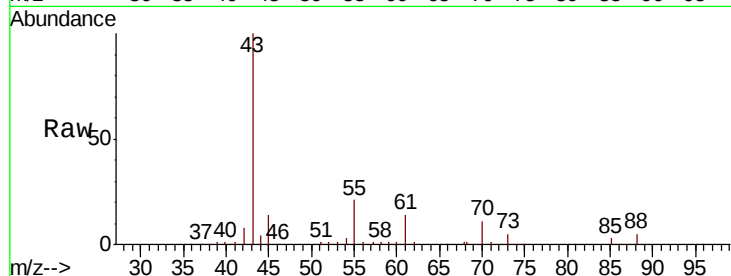
Lab File: VX005400.D

Acq: 17 Oct 2018 20:14

Instrument :
MSVOA_X
ClientSampled :
VX1017WBS02

Tot Ion: 43 Resp: 90481

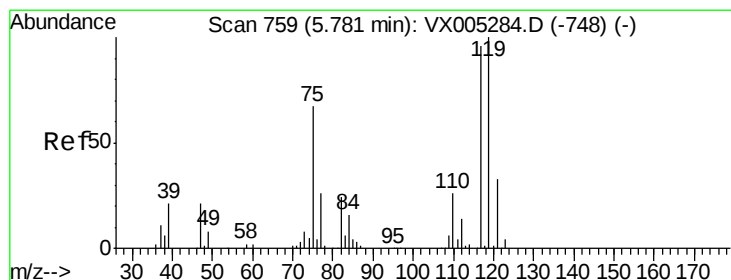
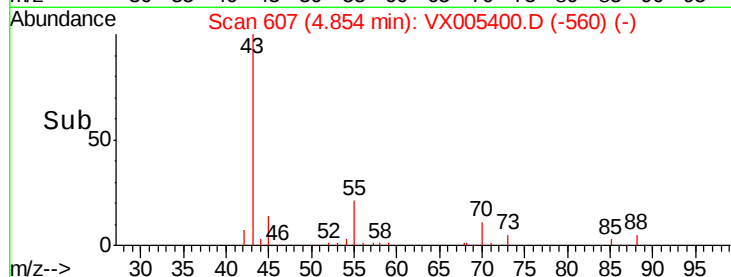
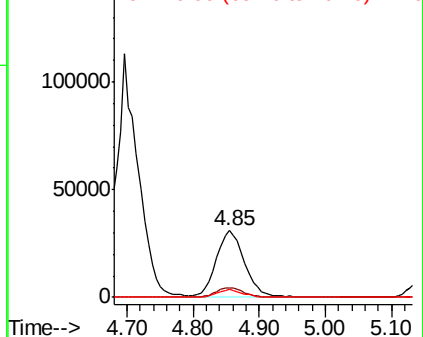
Ion	Ratio	Lower	Upper
43	100		
61	14.5	11.5	17.3
70	10.5	9.0	13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 17.957 ug/l

RT: 5.78 min Scan# 759

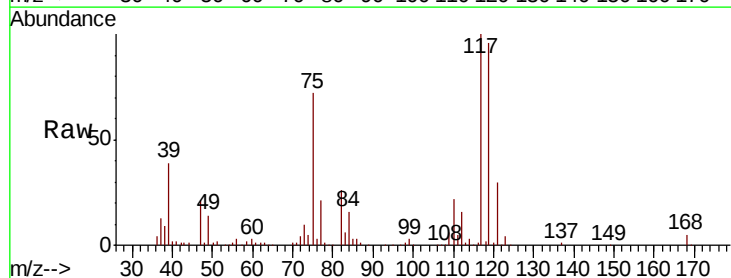
Delta R.T. -0.00 min

Lab File: VX005400.D

Acq: 17 Oct 2018 20:14

Tgt Ion: 117 Resp: 71879

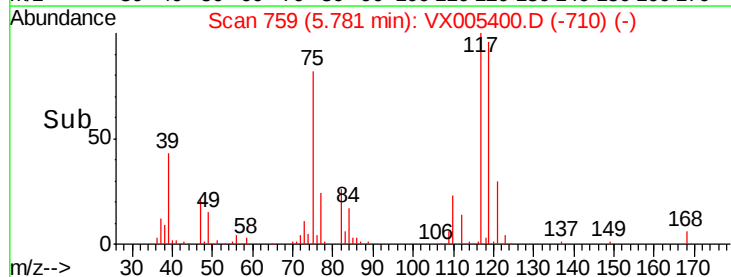
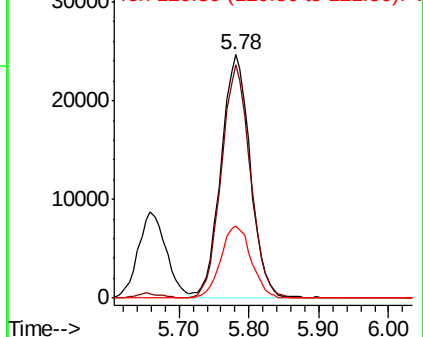
Ion	Ratio	Lower	Upper
117	100		
119	95.8	78.8	118.2
121	29.8	24.9	37.3



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

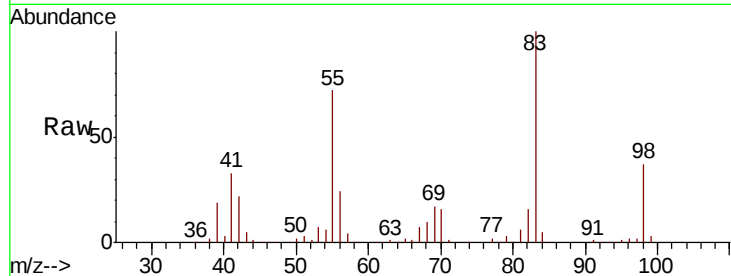




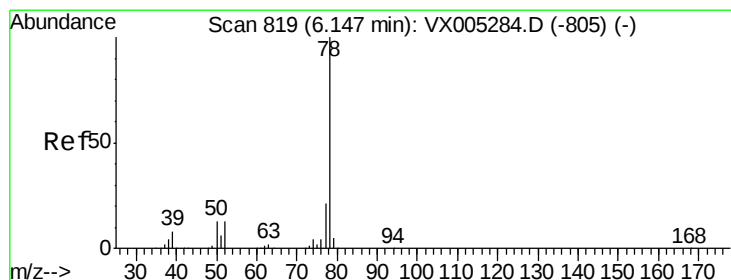
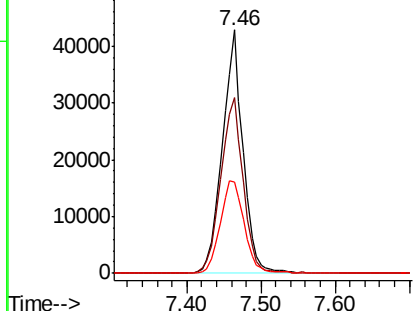
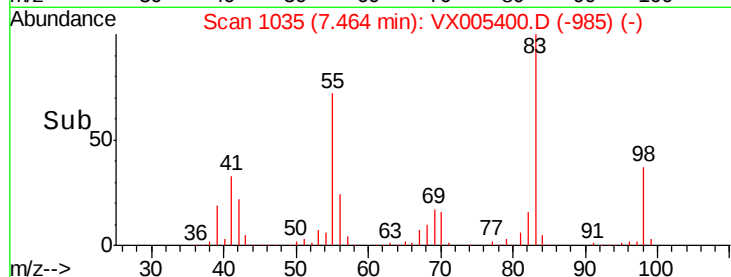
#39
Methvlcvclohexane
Concen: 19.183 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX005400.D
Acq: 17 Oct 2018 20:14

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS02

Tot Ion: 83 Resp: 82707
Ion Ratio Lower Upper
83 100
55 72.1 61.0 91.4
98 37.3 39.6 59.4#

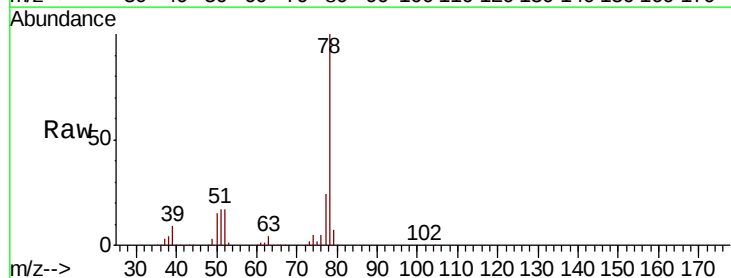


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

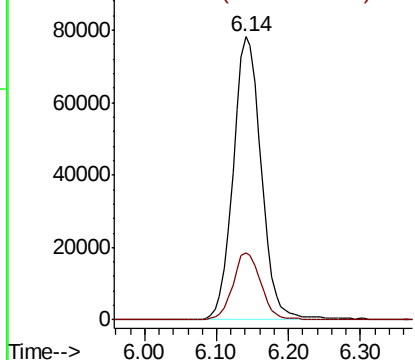
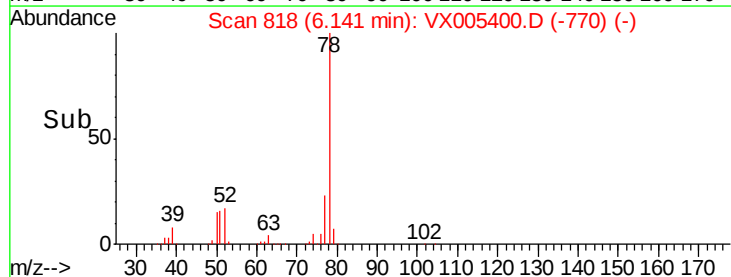


#40
Benzene
Concen: 17.768 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX005400.D
Acq: 17 Oct 2018 20:14

Tgt Ion: 78 Resp: 212335
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.4



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

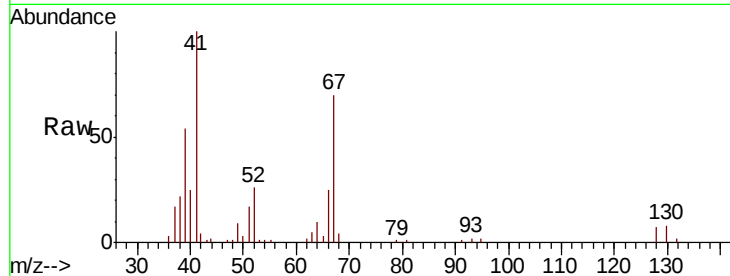




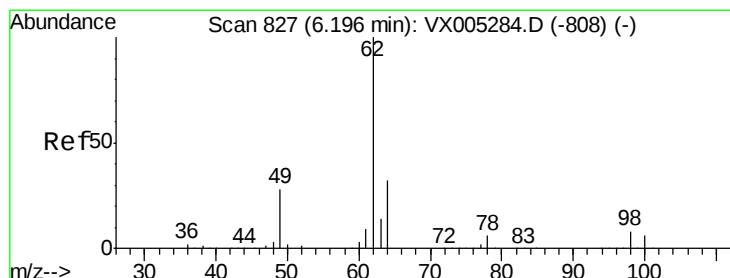
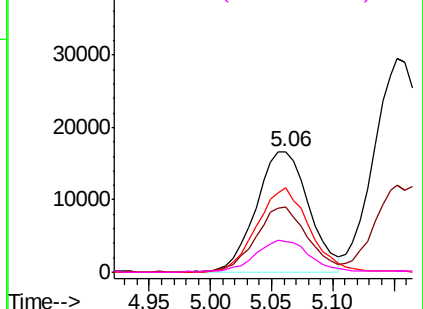
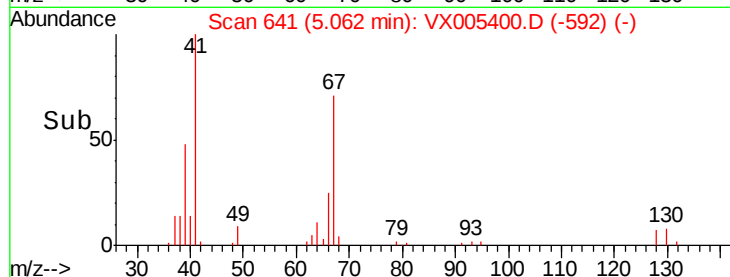
#41
Methacrylonitrile
Concen: 18.301 ug/l
RT: 5.06 min Scan# 641
Delta R.T. -0.00 min
Lab File: VX005400.D
Acq: 17 Oct 2018 20:14

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS02

Tot Ion:	41	Resp:	50264
Ion	Ratio	Lower	Upper
41	100		
39	52.8	42.4	63.6
67	69.1	59.2	88.8
52	26.2	23.0	34.4

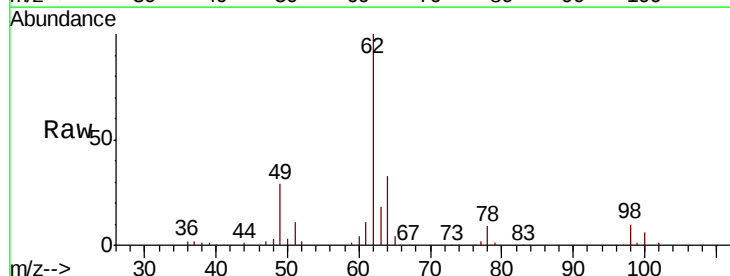


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

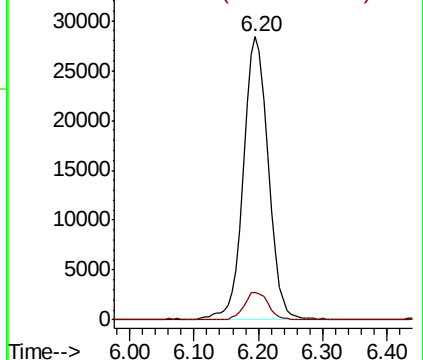
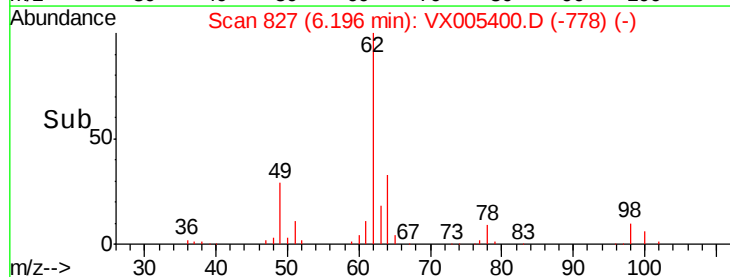


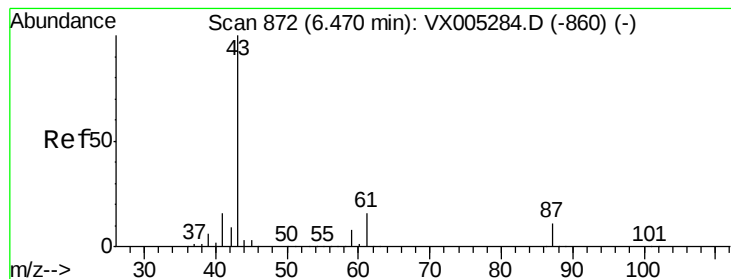
#42
1,2-Dichloroethane
Concen: 17.834 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX005400.D
Acq: 17 Oct 2018 20:14

Tgt Ion:	62	Resp:	75252
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	20.6



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 19.803 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.01 min

Lab File: VX005400.D

Acq: 17 Oct 2018 20:14

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBS02

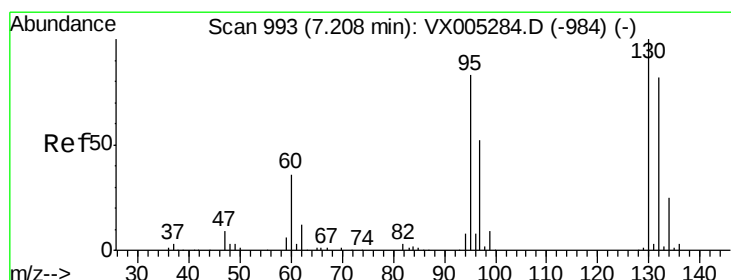
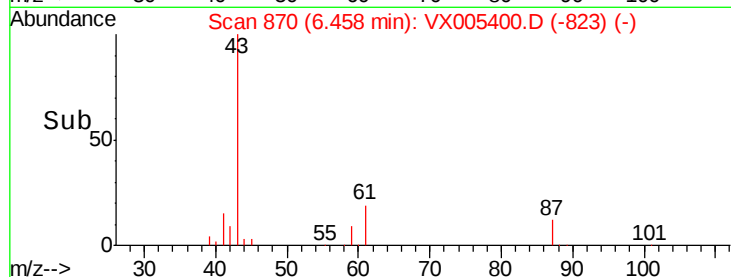
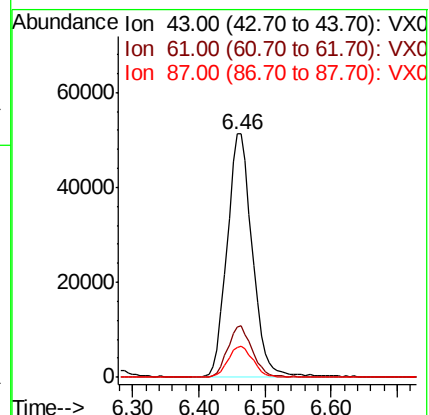
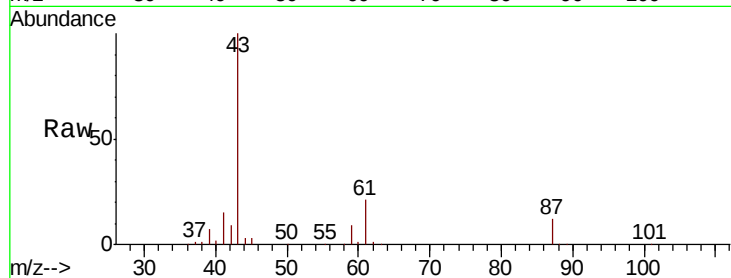
Tot Ion: 43 Resp: 135146

Ion Ratio Lower Upper

43 100

61 20.6 17.0 25.4

87 13.0 11.4 17.2



#44

Trichloroethene

Concen: 19.590 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.01 min

Lab File: VX005400.D

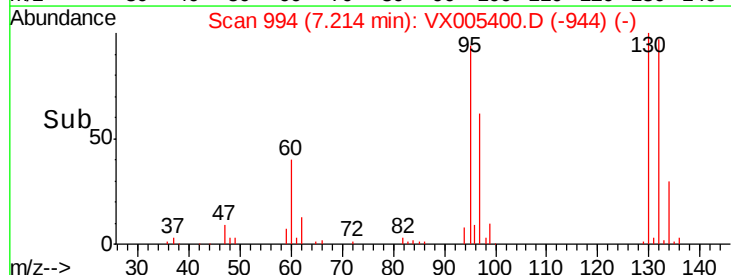
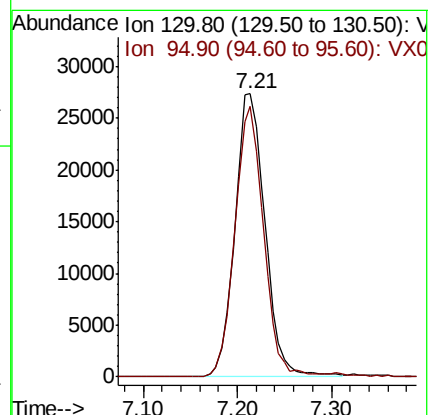
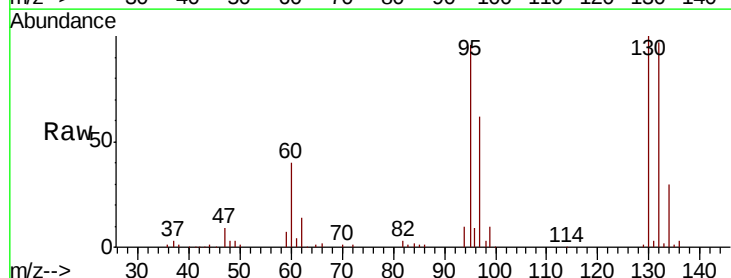
Acq: 17 Oct 2018 20:14

Tgt Ion: 130 Resp: 60932

Ion Ratio Lower Upper

130 100

95 95.6 0.0 181.6

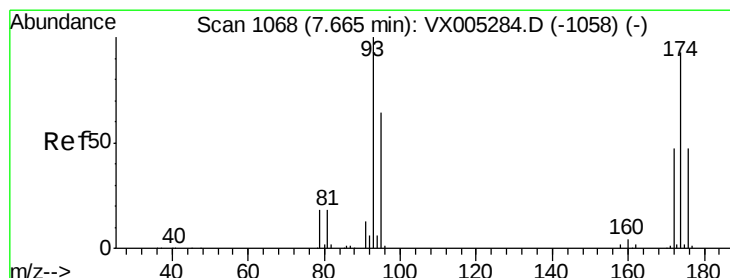
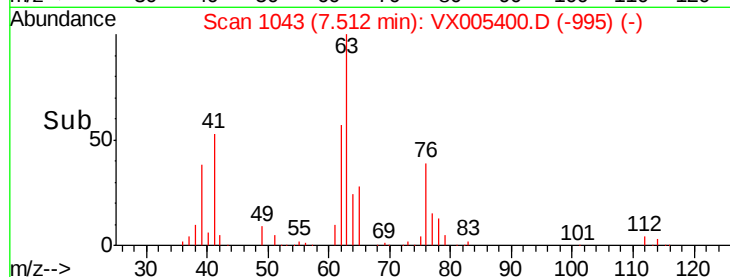
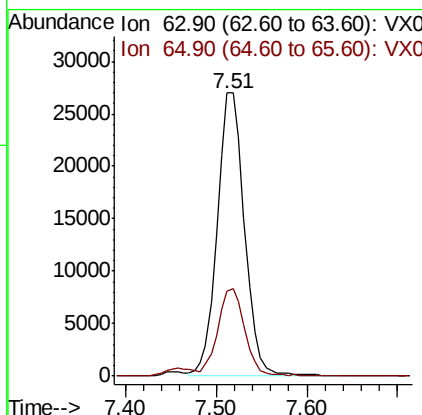
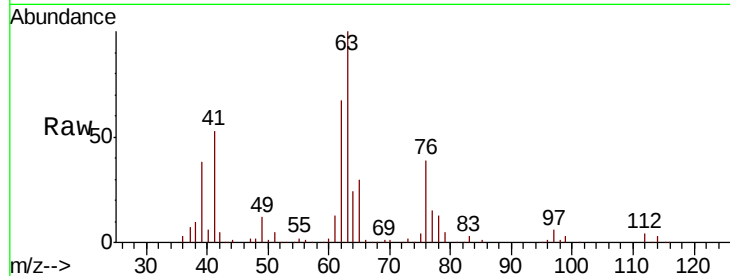




#45
 1,2-Dichloropropane
 Concen: 19.403 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: VX005400.D
 Acq: 17 Oct 2018 20:14

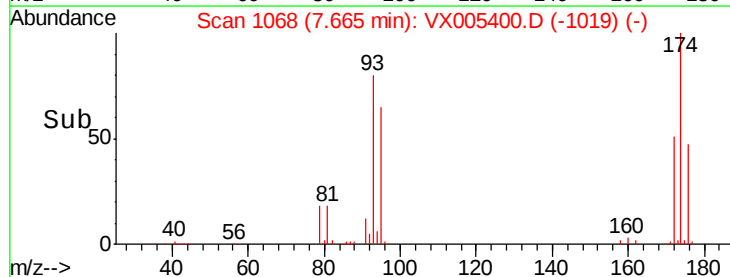
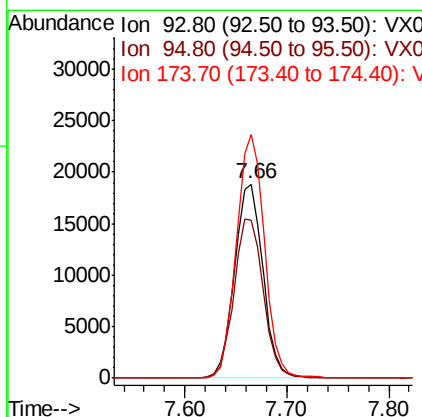
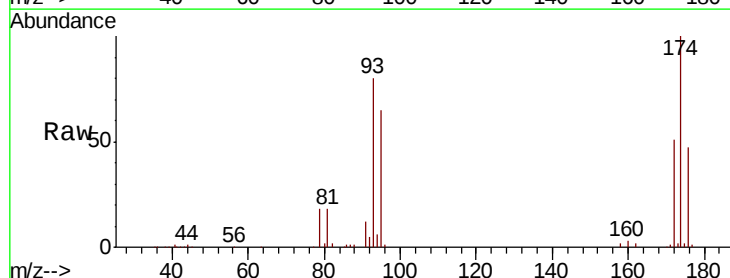
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017WBS02

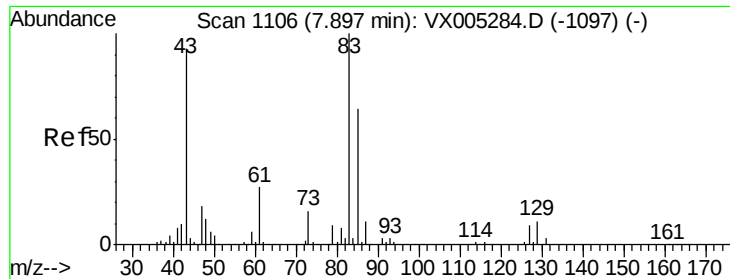
Tot Ion: 63 Resp: 56879
 Ion Ratio Lower Upper
 63 100
 65 29.9 24.3 36.5



#46
 Dibromomethane
 Concen: 18.828 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: VX005400.D
 Acq: 17 Oct 2018 20:14

Tgt Ion: 93 Resp: 36428
 Ion Ratio Lower Upper
 93 100
 95 84.0 65.5 98.3
 174 123.8 94.2 141.4





#47

Bromodichloromethane

Concen: 19.433 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX005400.D

Acq: 17 Oct 2018 20:14

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBS02

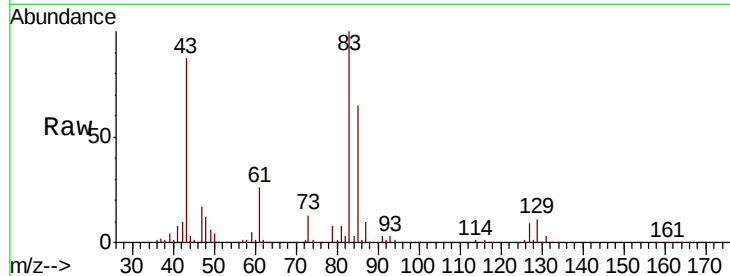
Tot Ion: 83 Resp: 69544

Ion Ratio Lower Upper

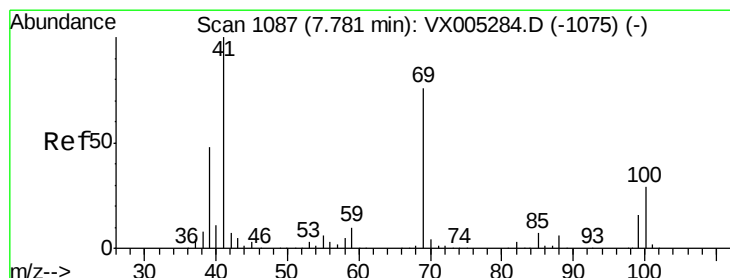
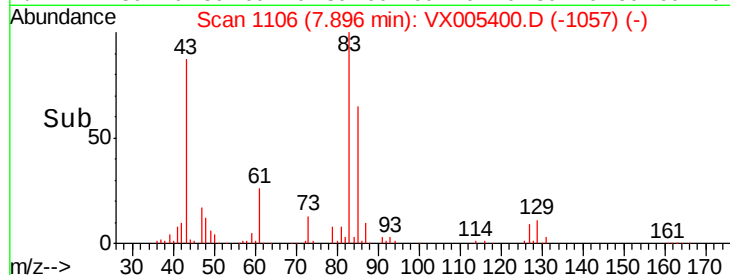
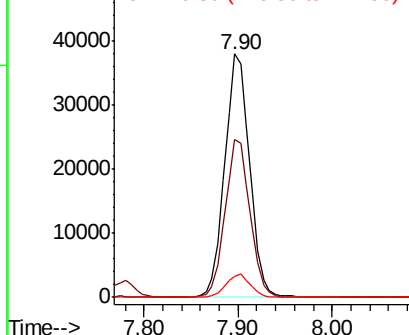
83 100

85 64.7 50.9 76.3

127 8.8 7.3 10.9



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



#48

Methyl methacrylate

Concen: 19.502 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.01 min

Lab File: VX005400.D

Acq: 17 Oct 2018 20:14

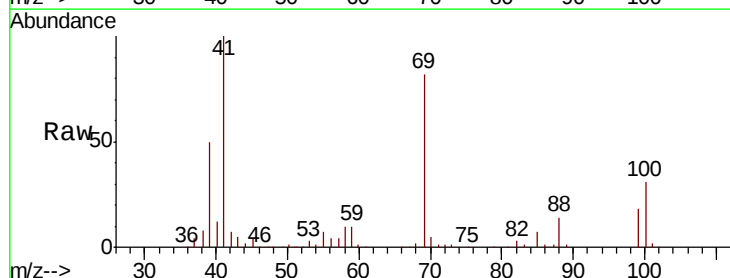
Tgt Ion: 41 Resp: 69027

Ion Ratio Lower Upper

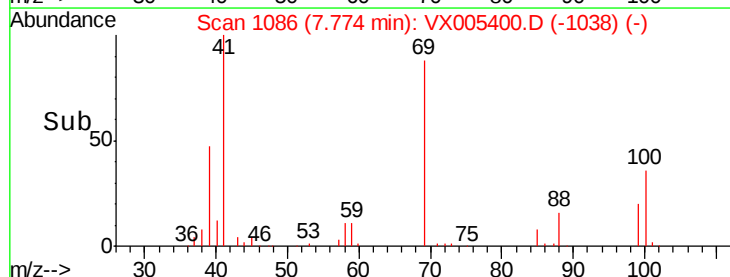
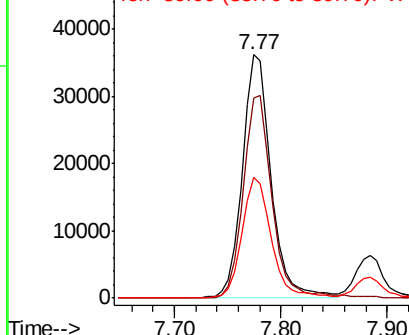
41 100

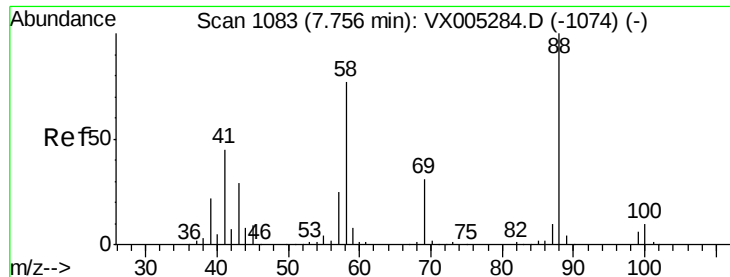
69 83.4 70.2 105.4

39 50.6 42.7 64.1



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

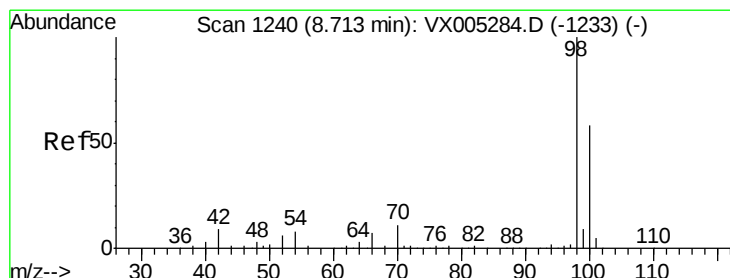
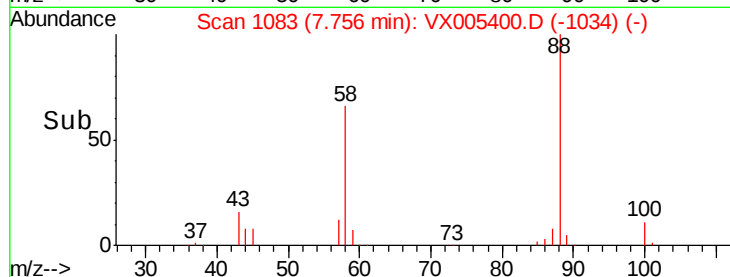
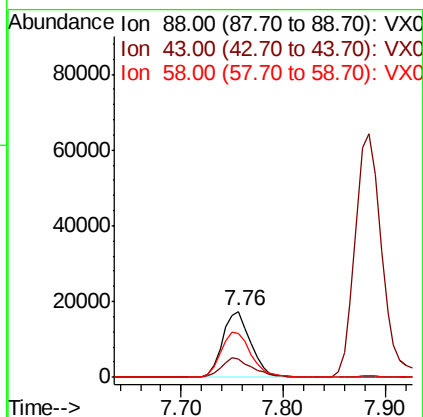
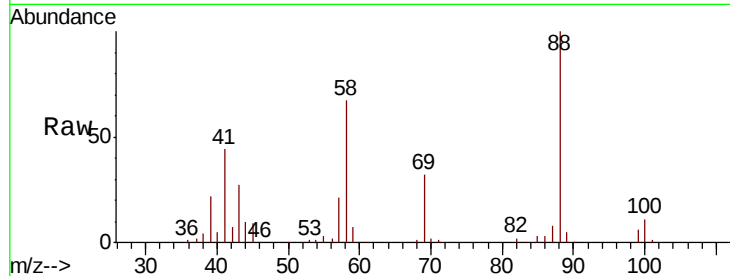




#49
1,4-Dioxane
Concen: 410.111 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. -0.00 min
Lab File: VX005400.D
Acq: 17 Oct 2018 20:14

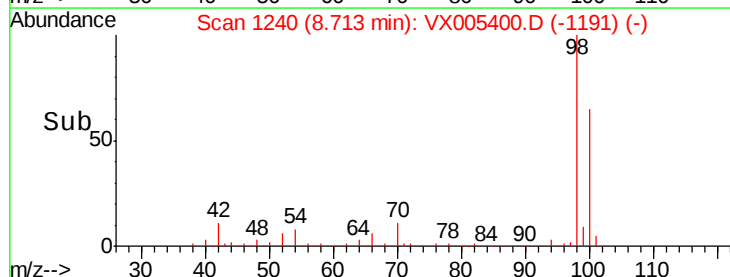
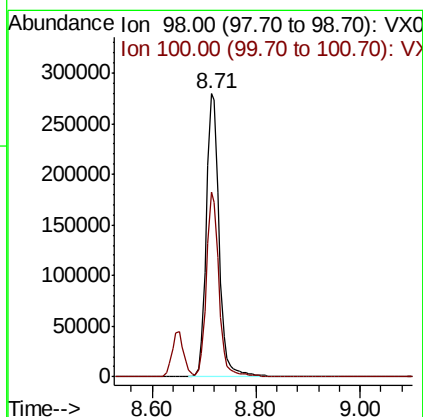
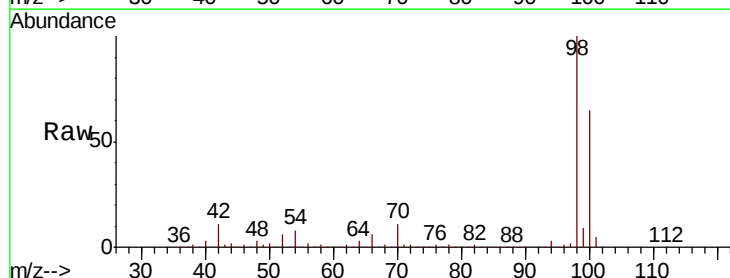
Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS02

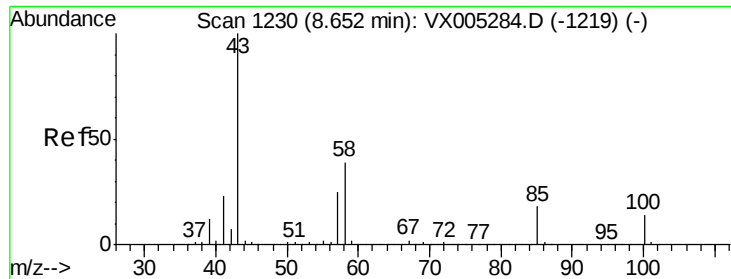
Tot Ion: 88 Resp: 33481
Ion Ratio Lower Upper
88 100
43 32.6 24.7 37.1
58 73.4 55.3 82.9



#50
Toluene-d8
Concen: 50.904 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005400.D
Acq: 17 Oct 2018 20:14

Tgt Ion: 98 Resp: 476098
Ion Ratio Lower Upper
98 100
100 63.8 52.9 79.3





#51

4-Methyl-2-Pentanone

Concen: 101.530 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.01 min

Lab File: VX005400.D

Acq: 17 Oct 2018 20:14

Instrument :

MSVOA_X

ClientSampleId :

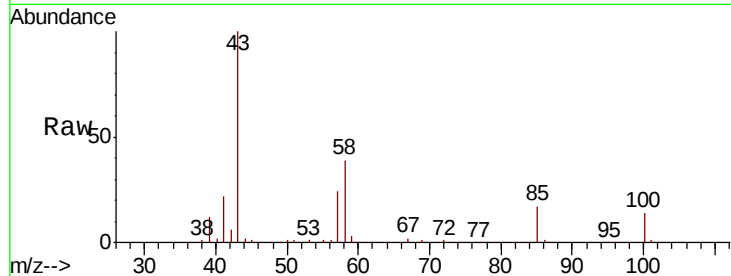
VX1017WBS02

Tot Ion: 43 Resp: 479769

Ion Ratio Lower Upper

43 100

58 38.7 33.1 49.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

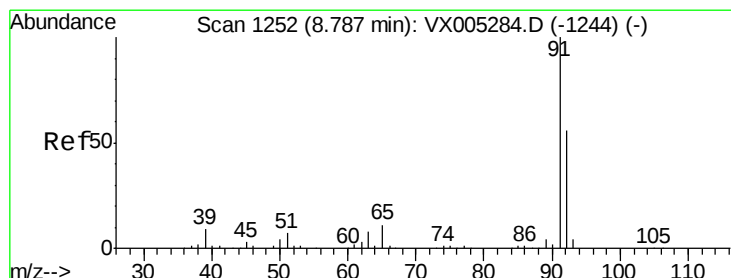
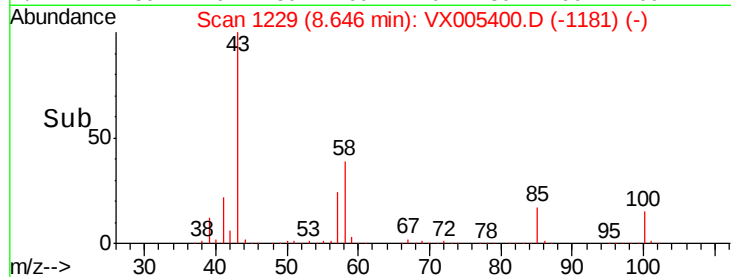
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 20.611 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005400.D

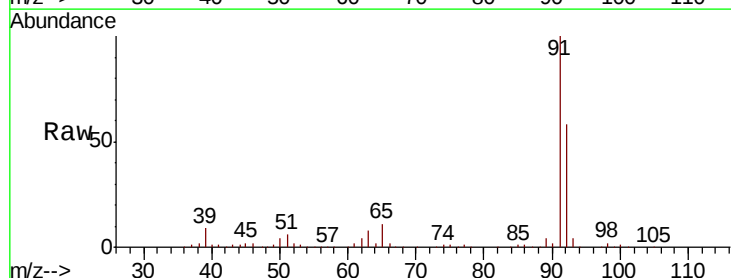
Acq: 17 Oct 2018 20:14

Tgt Ion: 92 Resp: 134754

Ion Ratio Lower Upper

92 100

91 175.6 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

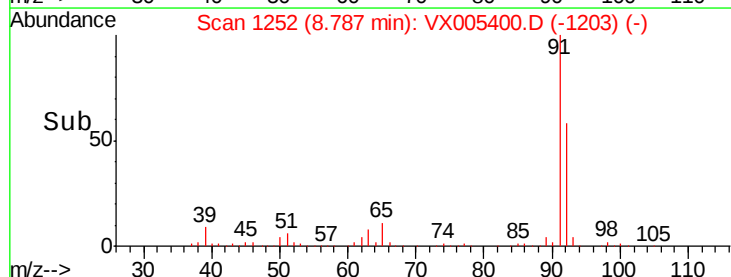
150000

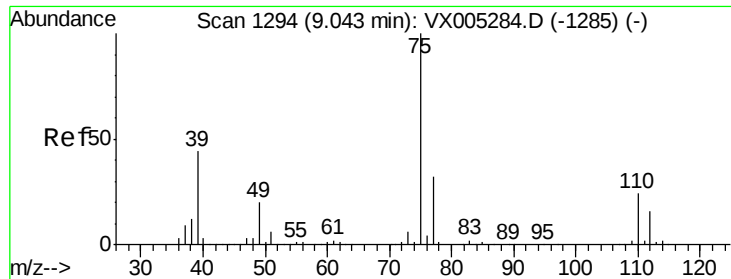
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 19.591 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX005400.D

Acq: 17 Oct 2018 20:14

Instrument :

MSVOA_X

ClientSampleId :

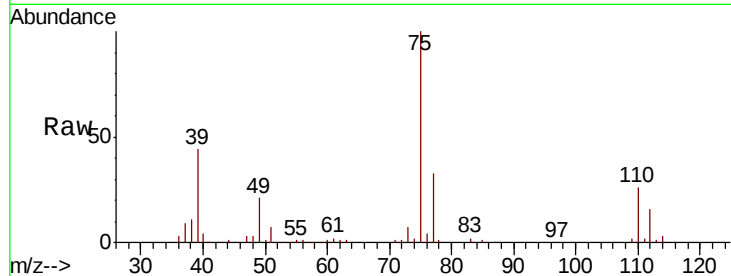
VX1017WBS02

Tot Ion: 75 Resp: 75874

Ion Ratio Lower Upper

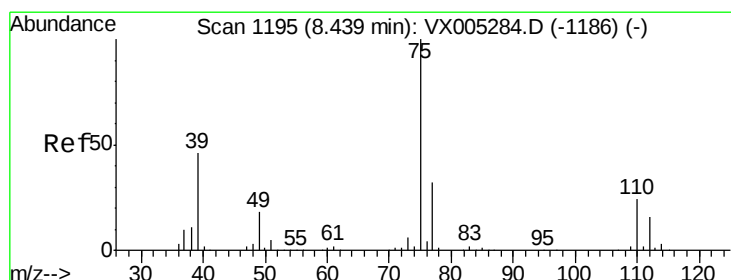
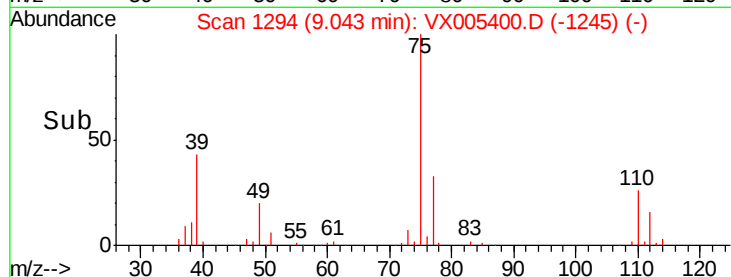
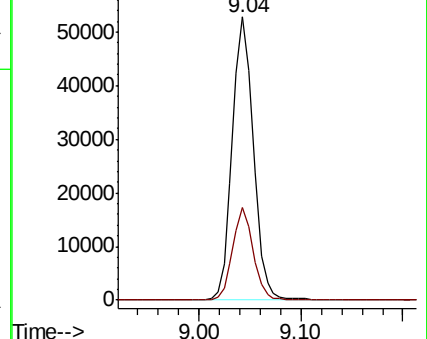
75 100

77 32.7 24.6 37.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 20.137 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.01 min

Lab File: VX005400.D

Acq: 17 Oct 2018 20:14

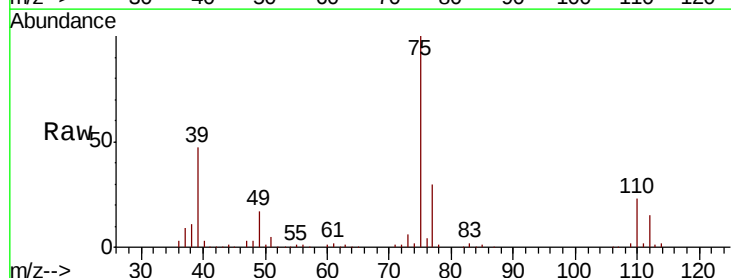
Tgt Ion: 75 Resp: 84504

Ion Ratio Lower Upper

75 100

77 30.5 26.2 39.2

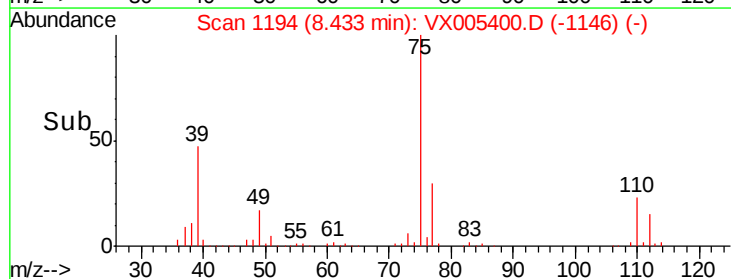
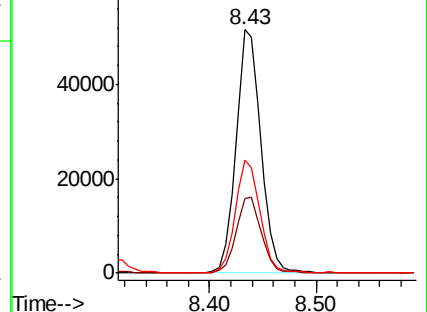
39 46.3 36.4 54.6

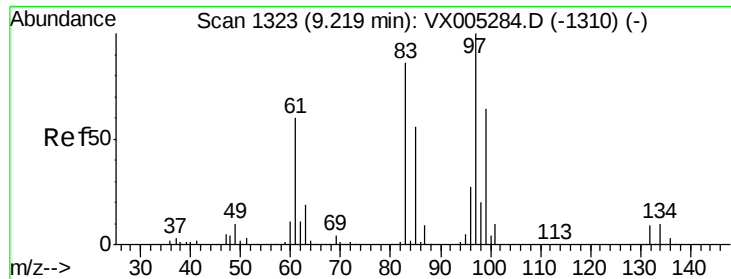


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 20.795 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.01 min

Lab File: VX005400.D

Acq: 17 Oct 2018 20:14

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBS02

Tot Ion: 97 Resp: 57586

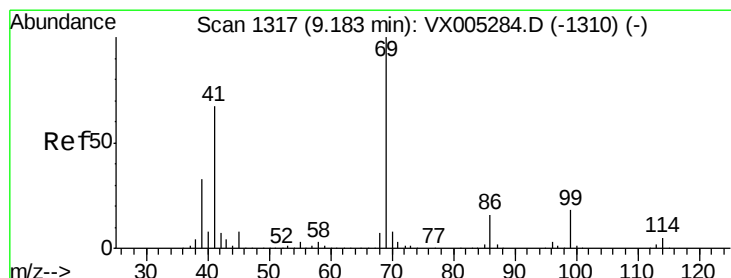
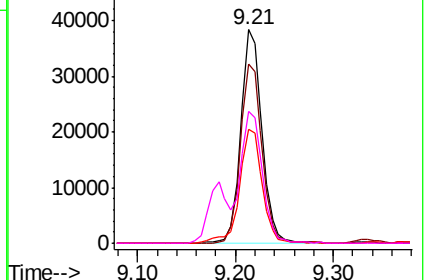
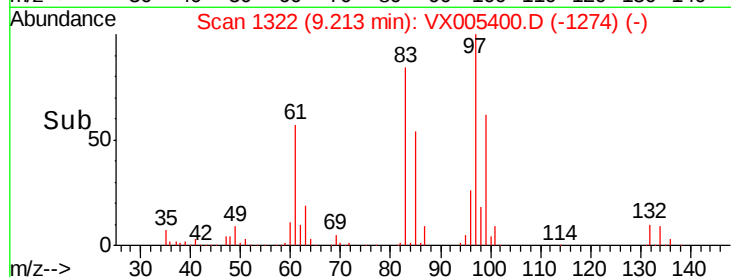
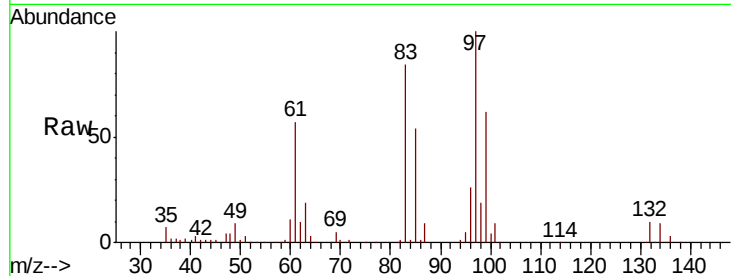
Ion Ratio Lower Upper

97 100

83 83.7 66.4 99.6

85 53.5 43.3 64.9

99 61.3 49.0 73.4



#56

Ethyl methacrylate

Concen: 20.785 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VX005400.D

Acq: 17 Oct 2018 20:14

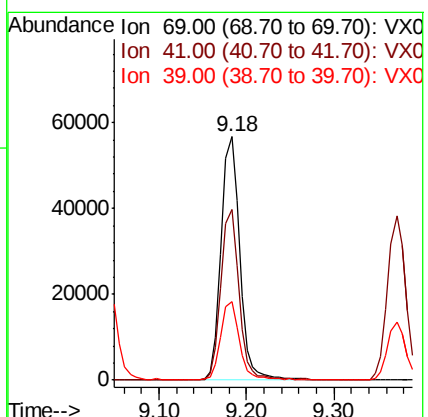
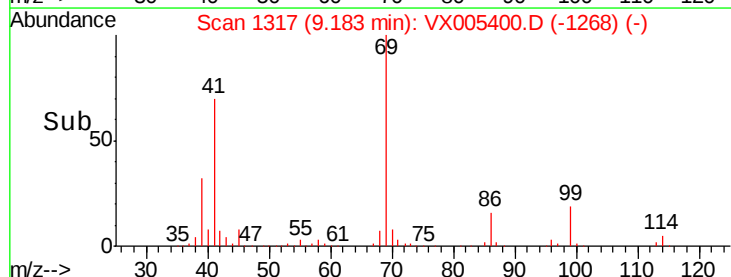
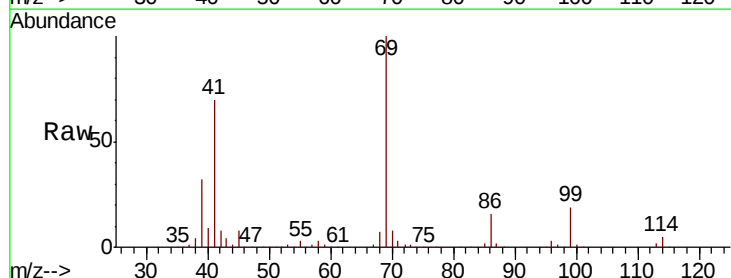
Tgt Ion: 69 Resp: 83908

Ion Ratio Lower Upper

69 100

41 69.0 51.0 76.4

39 32.0 26.1 39.1





#57

1,3-Dichloropropane

Concen: 20.290 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX005400.D

Acq: 17 Oct 2018 20:14

Instrument :

MSVOA_X

ClientSampleId :

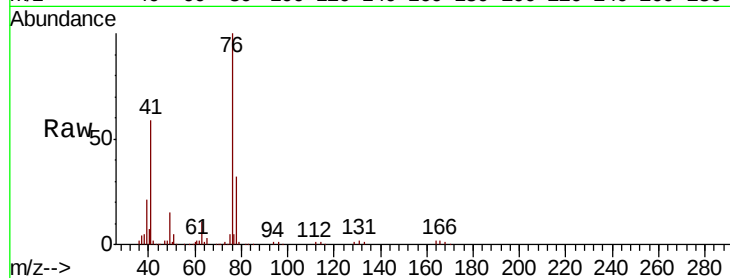
VX1017WBS02

Tot Ion: 76 Resp: 93782

Ion Ratio Lower Upper

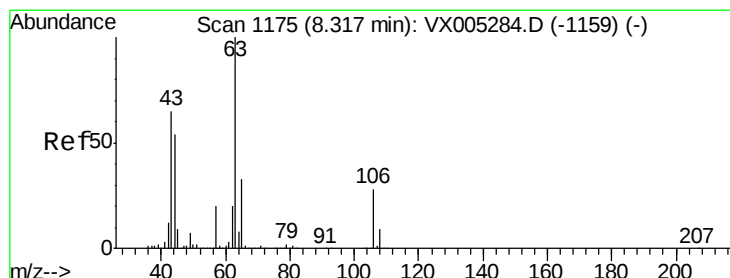
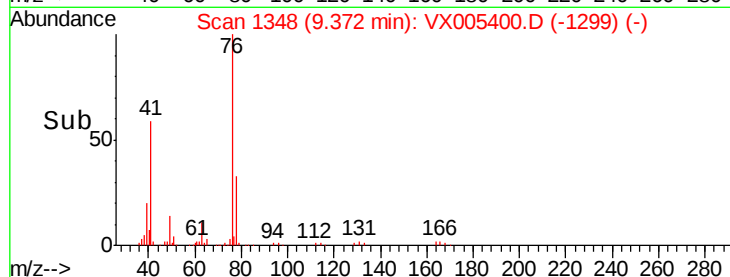
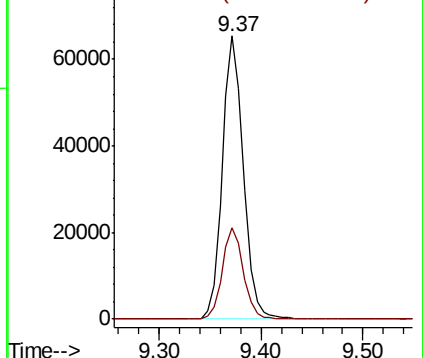
76 100

78 32.4 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 104.190 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.01 min

Lab File: VX005400.D

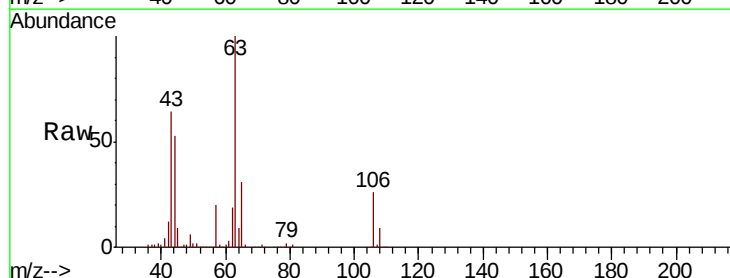
Acq: 17 Oct 2018 20:14

Tgt Ion: 63 Resp: 235883

Ion Ratio Lower Upper

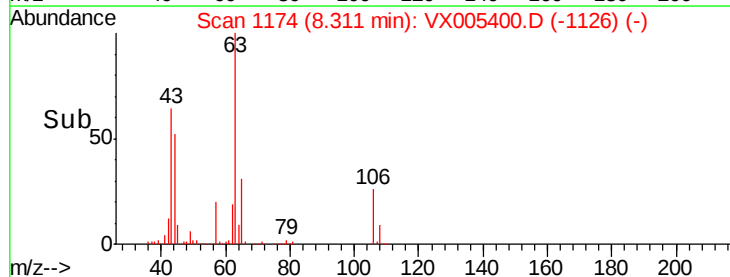
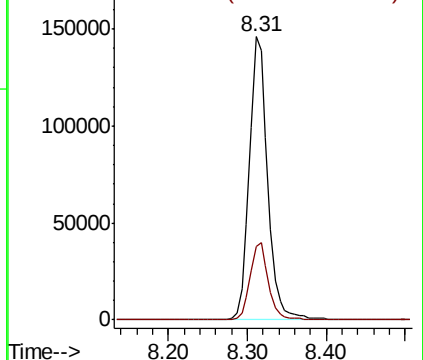
63 100

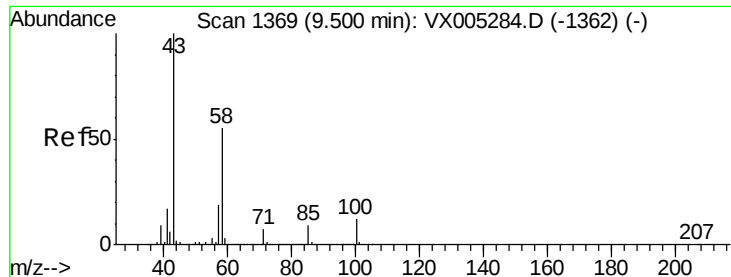
106 27.3 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

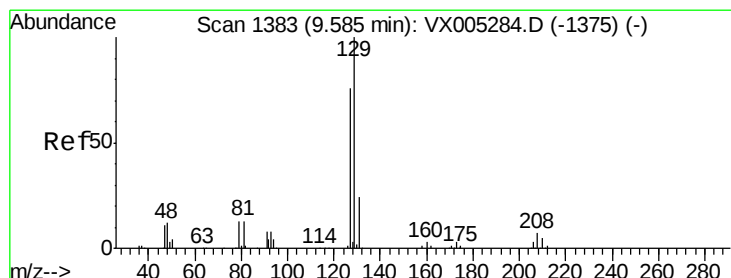
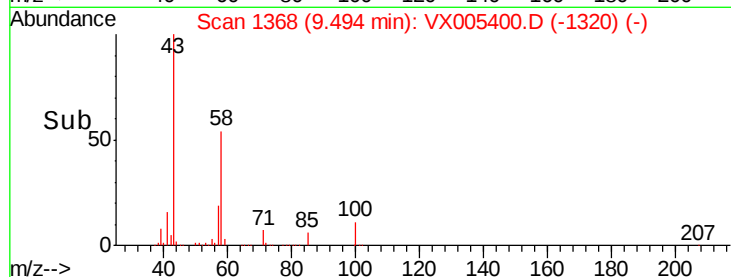
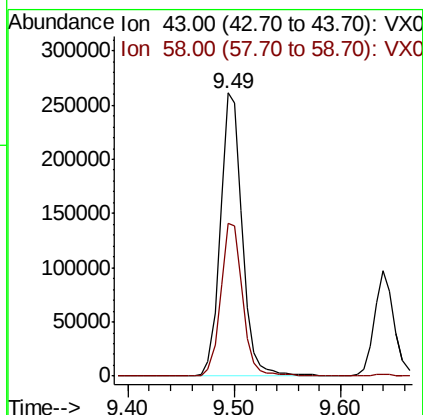
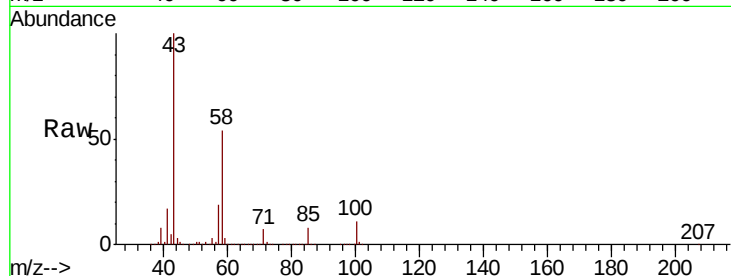




#59
2-Hexanone
Concen: 98.311 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX005400.D
Acq: 17 Oct 2018 20:14

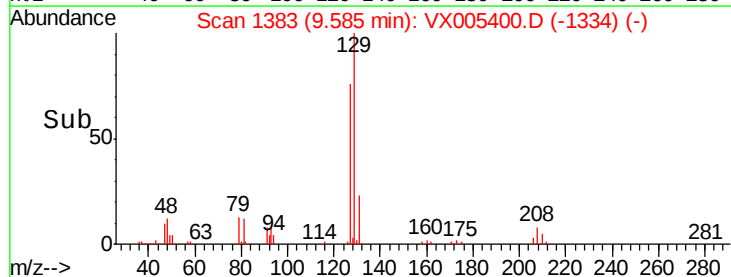
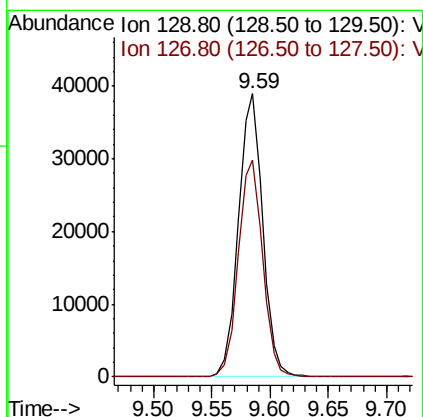
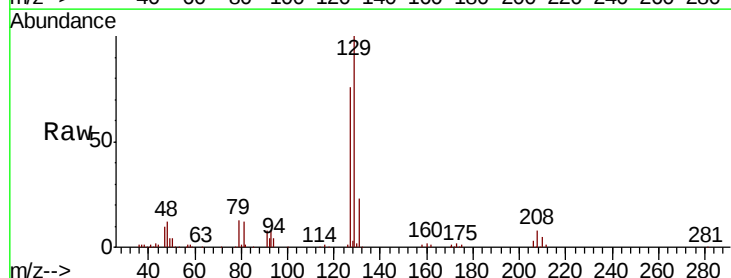
Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS02

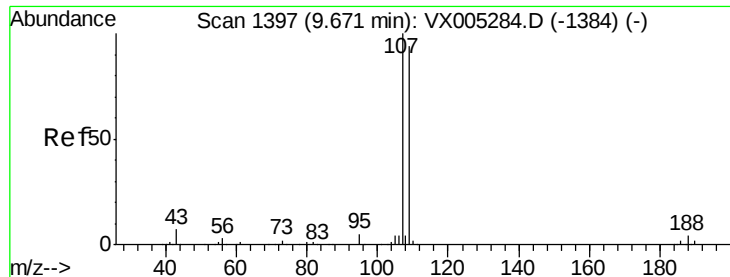
Tot Ion: 43 Resp: 373693
Ion Ratio Lower Upper
43 100
58 54.2 29.0 87.0



#60
Dibromochloromethane
Concen: 19.767 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005400.D
Acq: 17 Oct 2018 20:14

Tgt Ion: 129 Resp: 56582
Ion Ratio Lower Upper
129 100
127 77.0 38.5 115.5





#61

1,2-Dibromoethane

Concen: 20.342 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX005400.D

Acq: 17 Oct 2018 20:14

Instrument :

MSVOA_X

ClientSampleId :

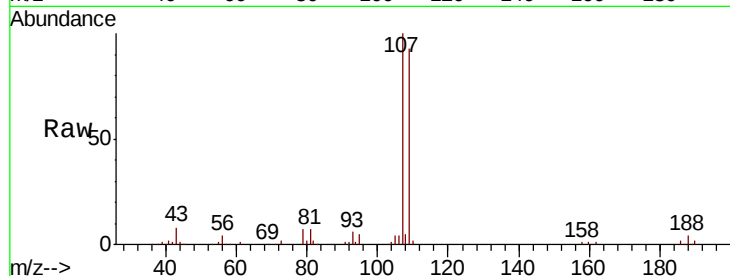
VX1017WBS02

Tot Ion:107 Resp: 59118

Ion Ratio Lower Upper

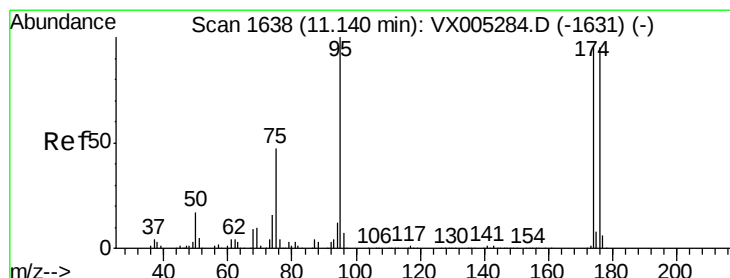
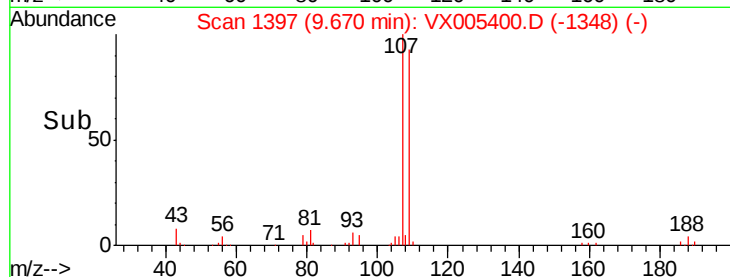
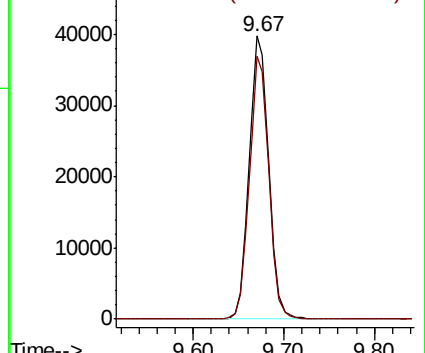
107 100

109 92.7 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.159 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005400.D

Acq: 17 Oct 2018 20:14

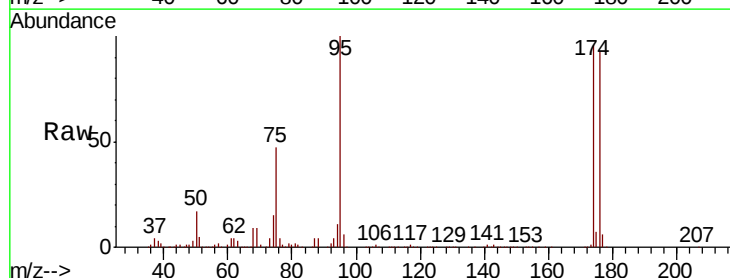
Tgt Ion: 95 Resp: 176236

Ion Ratio Lower Upper

95 100

174 94.5 0.0 185.2

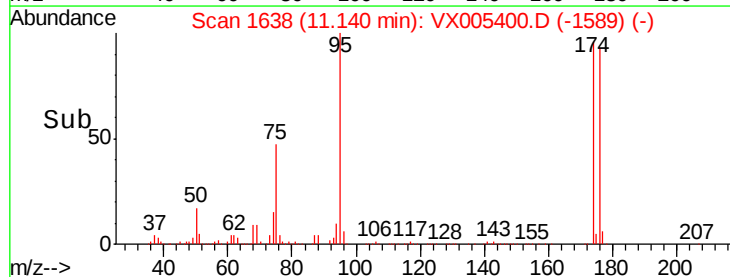
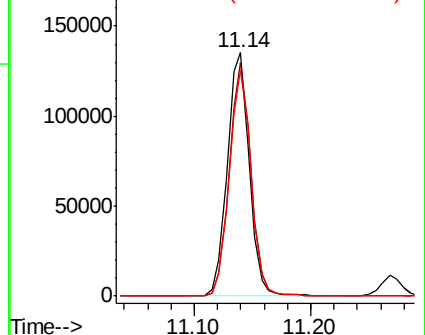
176 91.9 0.0 178.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

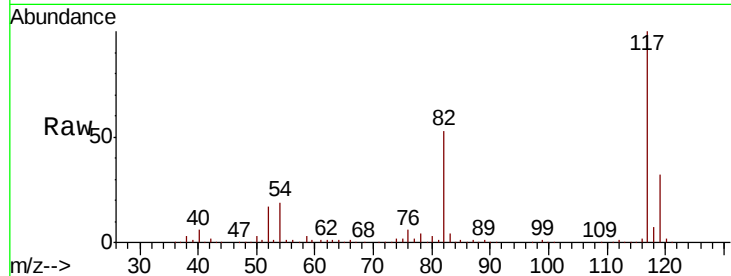




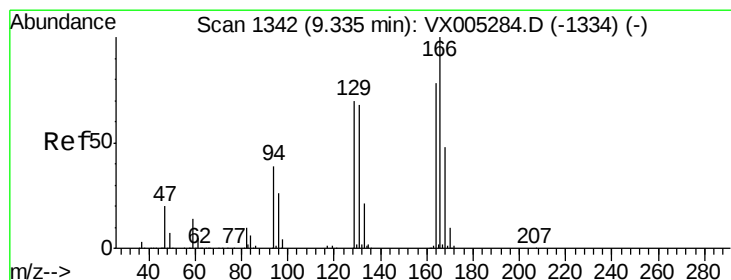
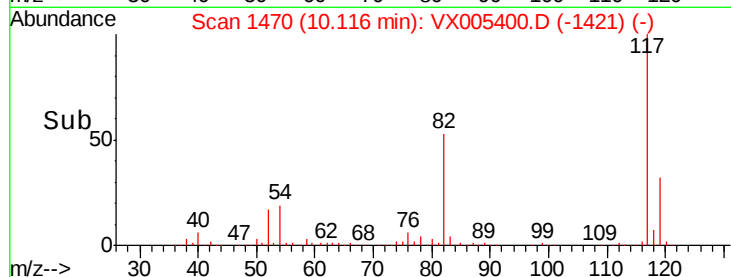
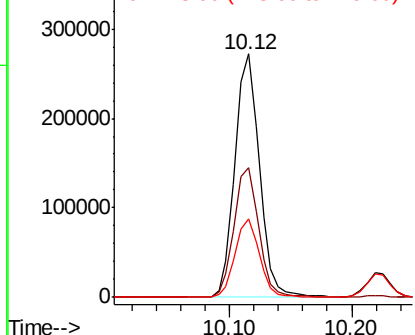
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005400.D
Acq: 17 Oct 2018 20:14

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS02

Tot Ion:117 Resp: 379189
Ion Ratio Lower Upper
117 100
82 53.5 47.8 71.6
119 32.1 29.3 43.9



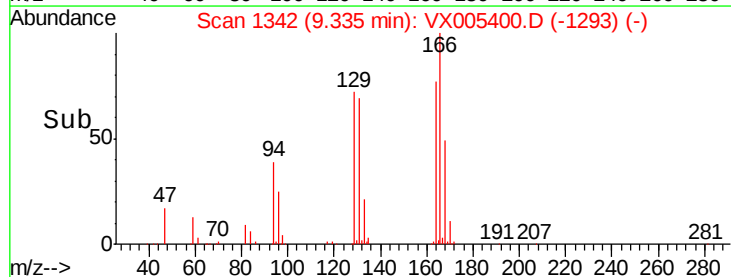
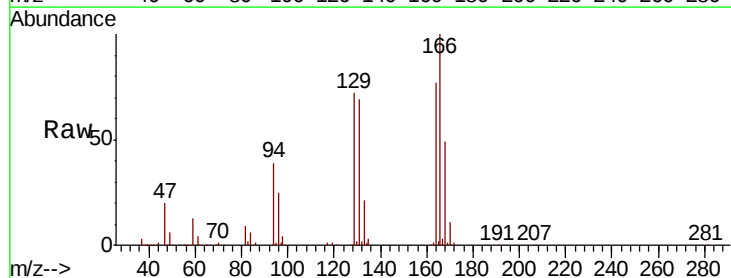
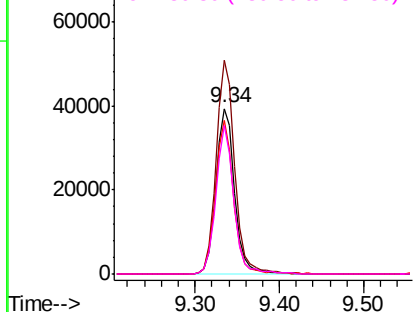
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

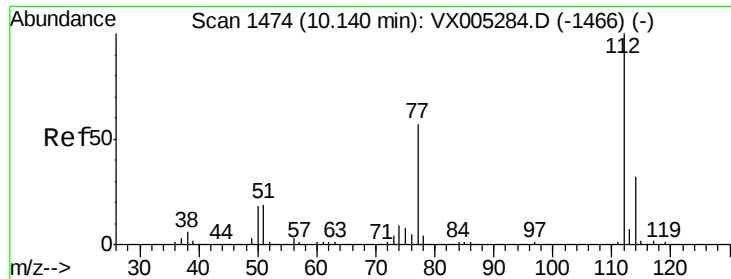


#64
Tetrachloroethene
Concen: 19.921 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005400.D
Acq: 17 Oct 2018 20:14

Tgt Ion:164 Resp: 60812
Ion Ratio Lower Upper
164 100
166 129.1 102.8 154.2
129 93.1 69.4 104.0
131 89.5 67.9 101.9

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 19.051 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX005400.D

Acq: 17 Oct 2018 20:14

Instrument :

MSVOA_X

ClientSampleId :

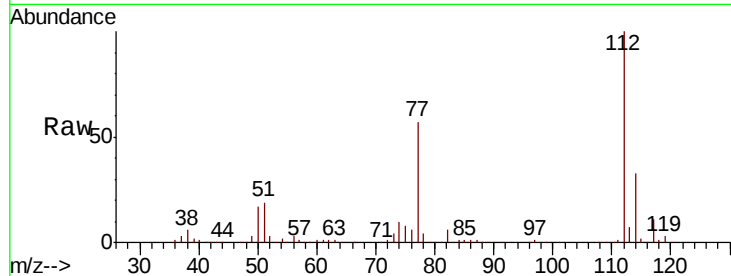
VX1017WBS02

Tot Ion:112 Resp: 153663

Ion Ratio Lower Upper

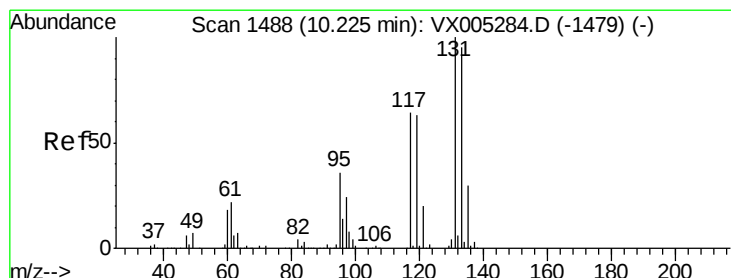
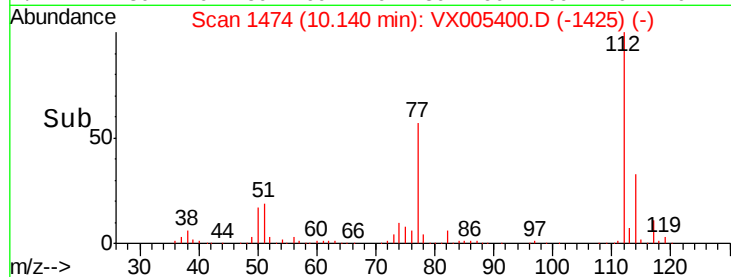
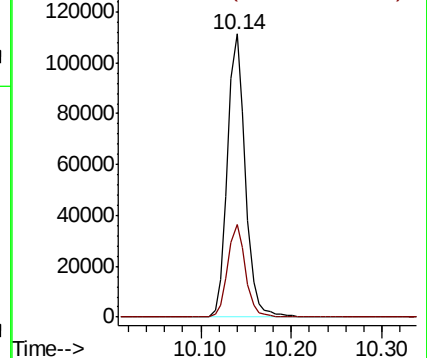
112 100

114 32.8 27.8 41.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.386 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.01 min

Lab File: VX005400.D

Acq: 17 Oct 2018 20:14

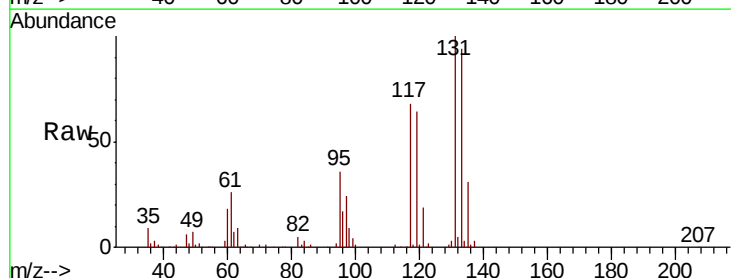
Tgt Ion:131 Resp: 55721

Ion Ratio Lower Upper

131 100

133 95.1 48.1 144.4

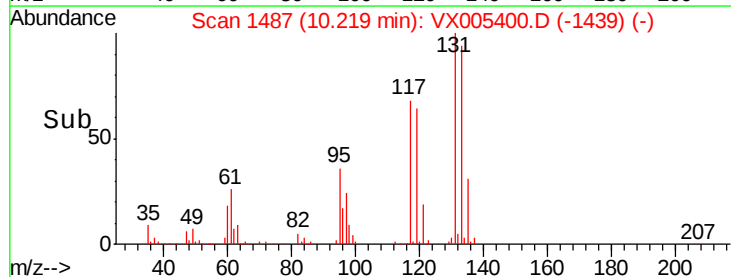
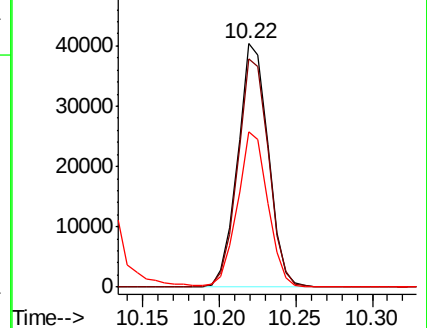
119 64.0 32.9 98.6

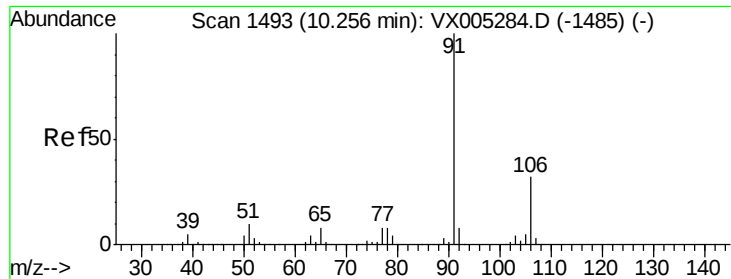


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

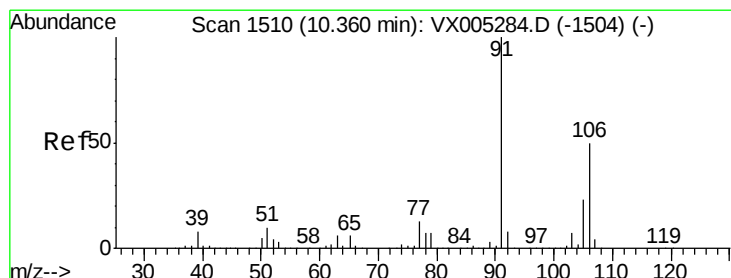
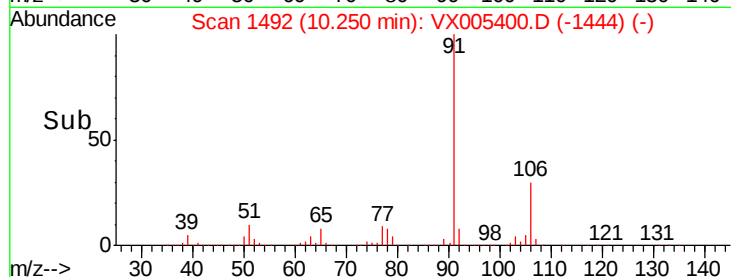
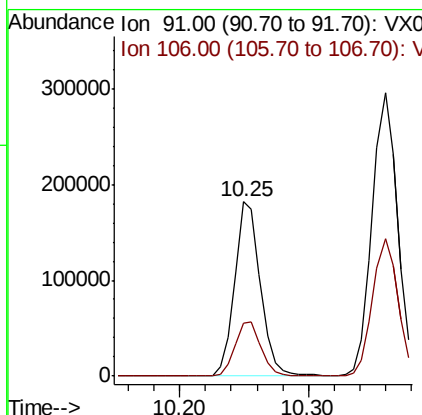
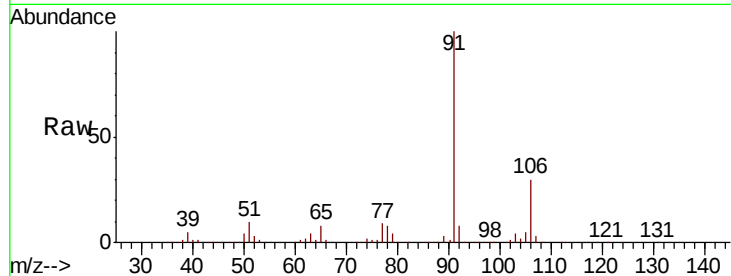




#67
Ethyl Benzene
Concen: 19.398 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VX005400.D
Acq: 17 Oct 2018 20:14

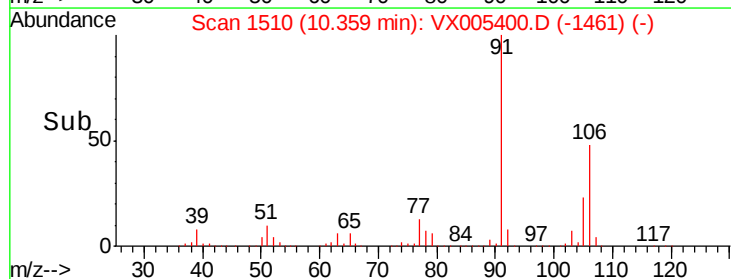
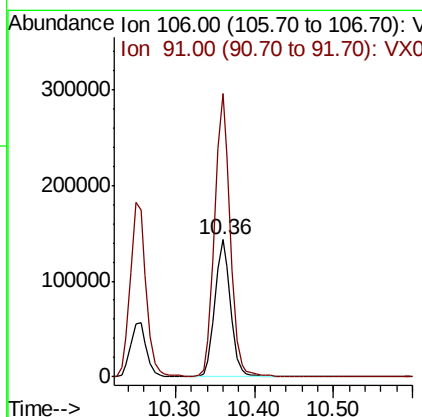
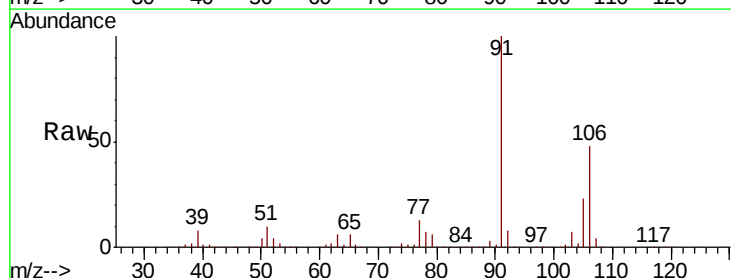
Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS02

Tot Ion: 91 Resp: 254348
Ion Ratio Lower Upper
91 100
106 30.5 25.9 38.9



#68
m/p-Xylenes
Concen: 39.299 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX005400.D
Acq: 17 Oct 2018 20:14

Tgt Ion: 106 Resp: 200006
Ion Ratio Lower Upper
106 100
91 204.1 157.1 235.7

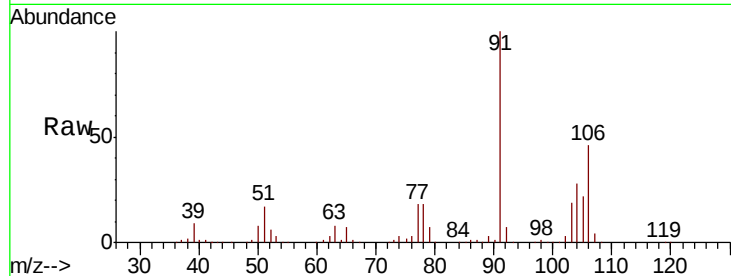




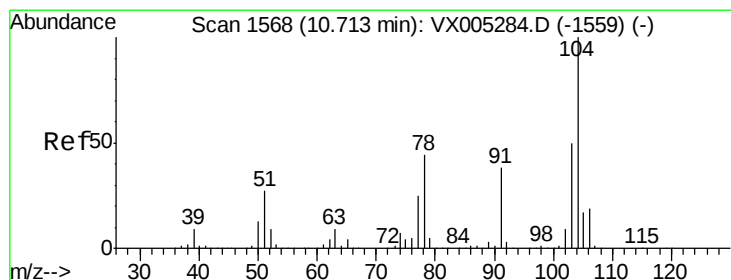
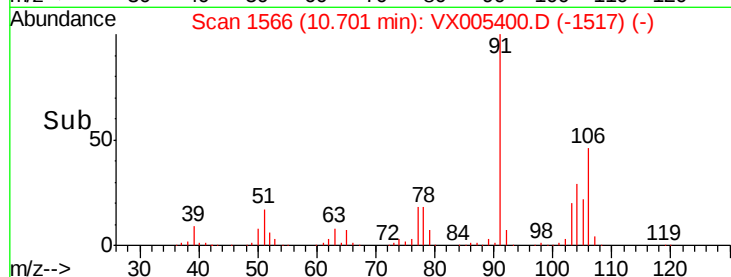
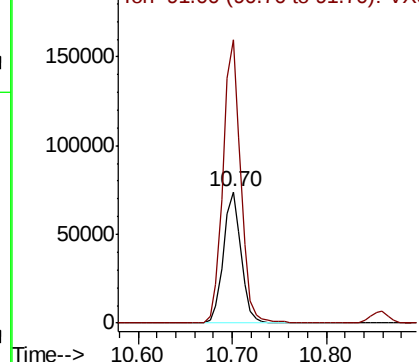
#69
o-Xylene
Concen: 19.717 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005400.D
Acq: 17 Oct 2018 20:14

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS02

Tot Ion:106 Resp: 96776
Ion Ratio Lower Upper
106 100
91 214.9 105.1 315.1

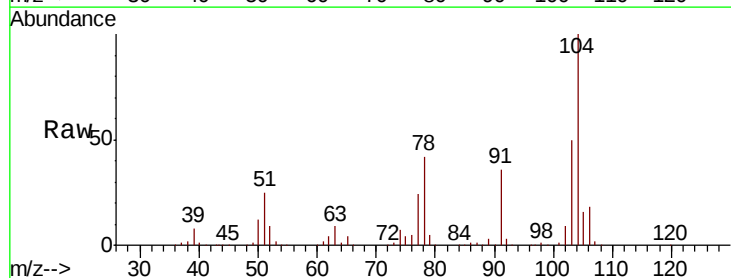


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

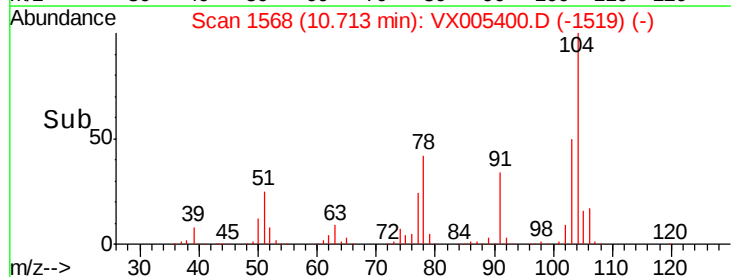
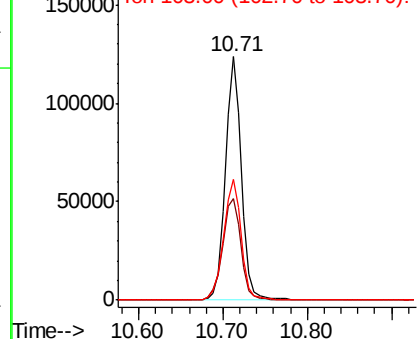


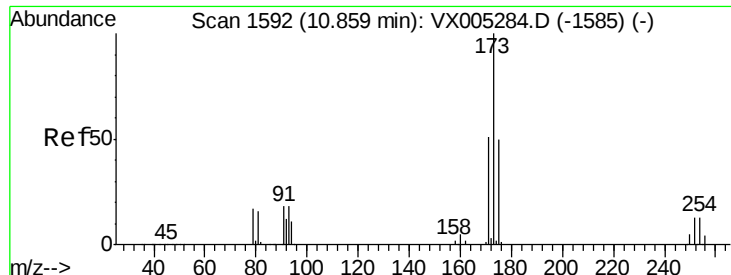
#70
Styrene
Concen: 20.132 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005400.D
Acq: 17 Oct 2018 20:14

Tgt Ion:104 Resp: 162530
Ion Ratio Lower Upper
104 100
78 48.4 37.4 56.0
103 55.1 43.8 65.6



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





#71

Bromoform

Concen: 18.363 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005400.D

Acq: 17 Oct 2018 20:14

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBS02

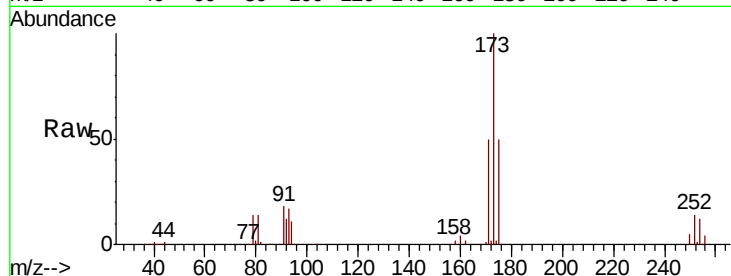
Tot Ion:173 Resp: 47166

Ion Ratio Lower Upper

173 100

175 48.3 24.1 72.3

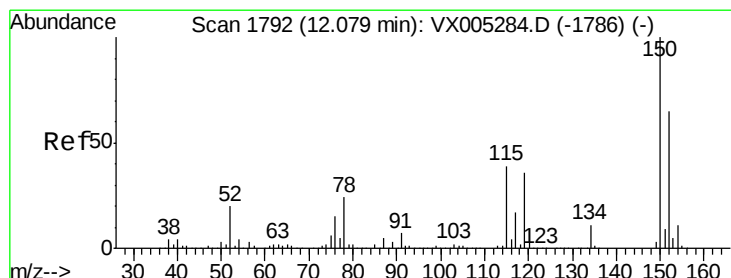
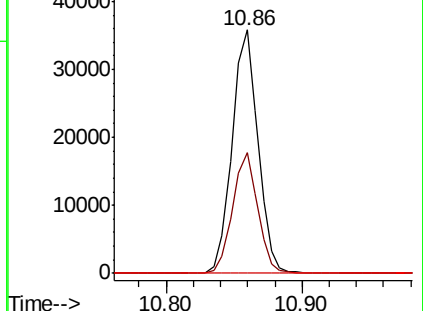
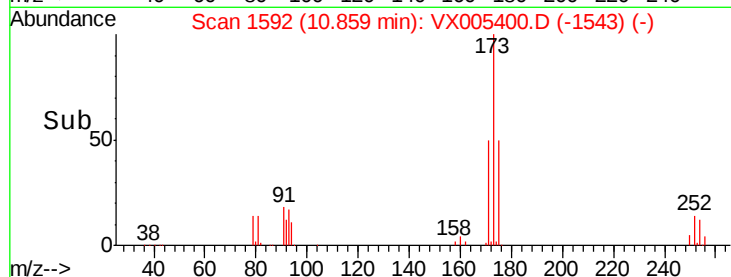
254 0.2 0.2 0.2



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: VX005400.D

Acq: 17 Oct 2018 20:14

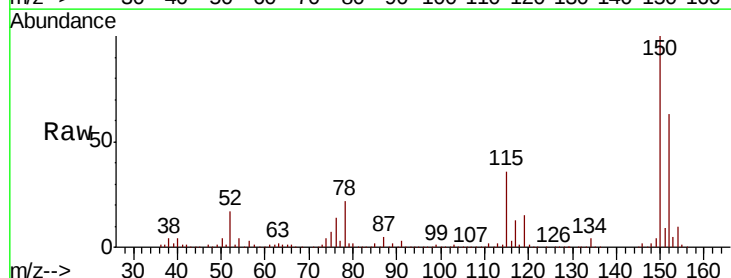
Tgt Ion:152 Resp: 211506

Ion Ratio Lower Upper

152 100

115 63.0 39.0 117.0

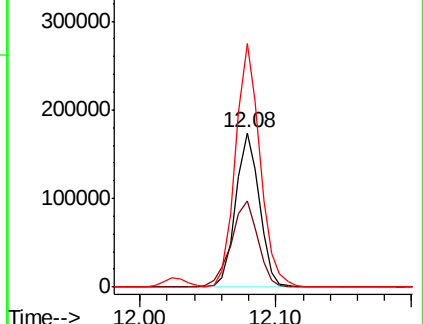
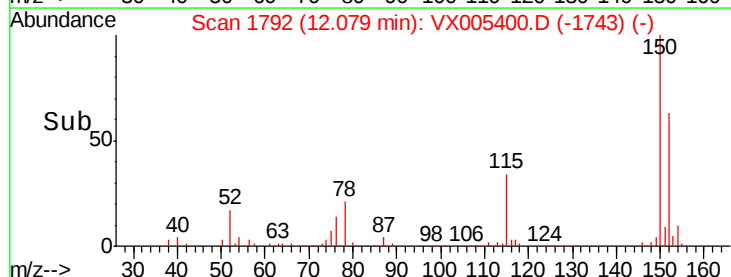
150 163.7 0.0 351.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.239 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005400.D

Acq: 17 Oct 2018 20:14

Instrument :

MSVOA_X

ClientSampleId :

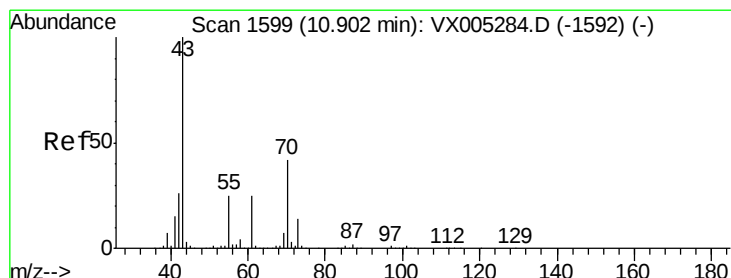
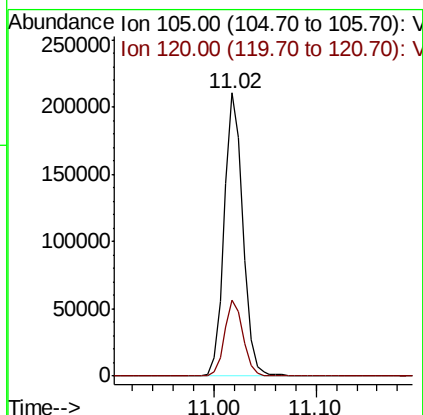
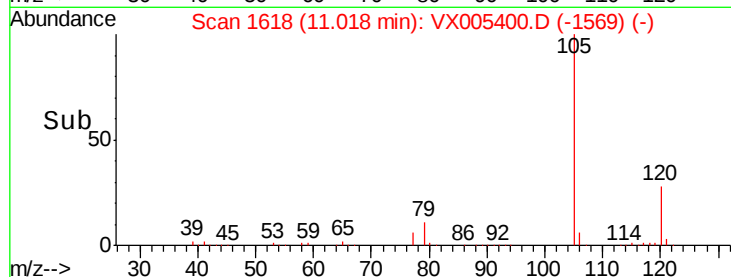
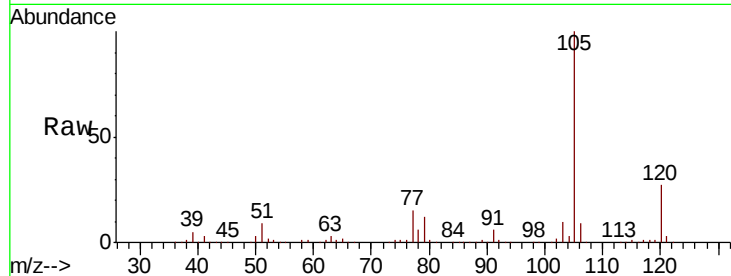
VX1017WBS02

Tot Ion:105 Resp: 267049

Ion Ratio Lower Upper

105 100

120 26.8 13.5 40.4



#74

N-ethyl acetate

Concen: 19.955 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.01 min

Lab File: VX005400.D

Acq: 17 Oct 2018 20:14

Tgt Ion: 43 Resp: 121015

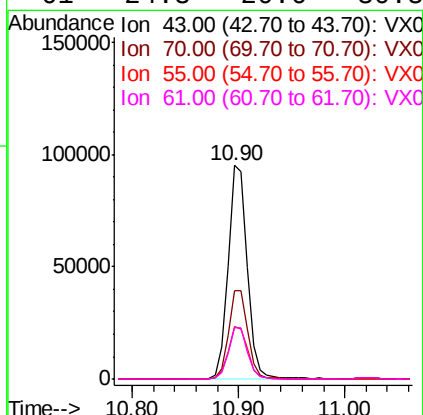
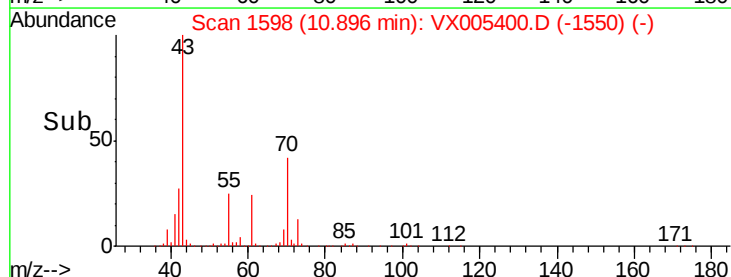
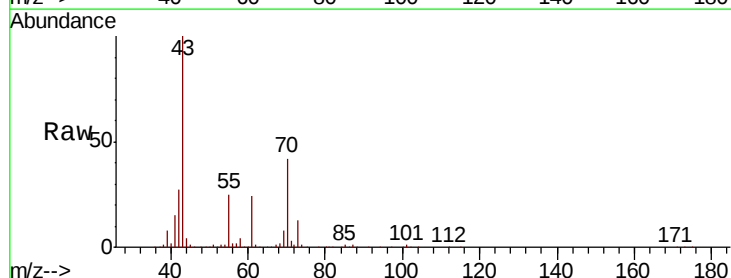
Ion Ratio Lower Upper

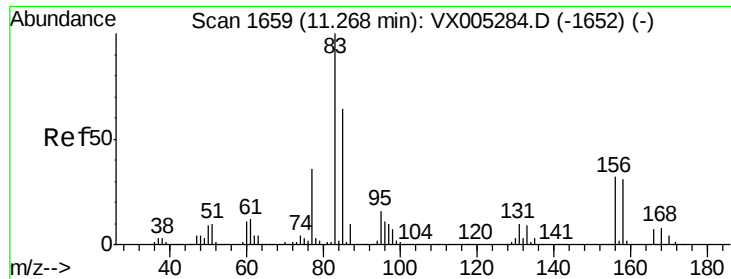
43 100

70 41.7 37.4 56.0

55 25.1 21.8 32.8

61 24.3 20.6 30.8





#75

1,1,2,2-Tetrachloroethane

Concen: 19.233 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005400.D

Acq: 17 Oct 2018 20:14

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBS02

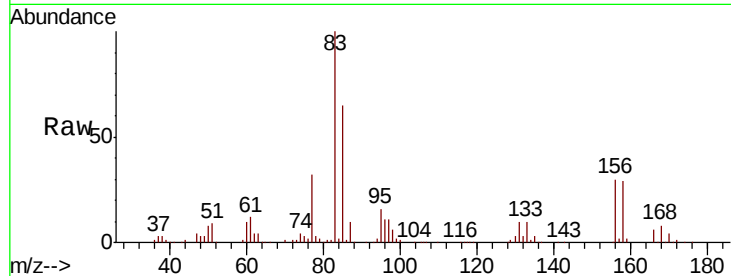
Tot Ion: 83 Resp: 91222

Ion Ratio Lower Upper

83 100

131 10.1 5.2 15.6

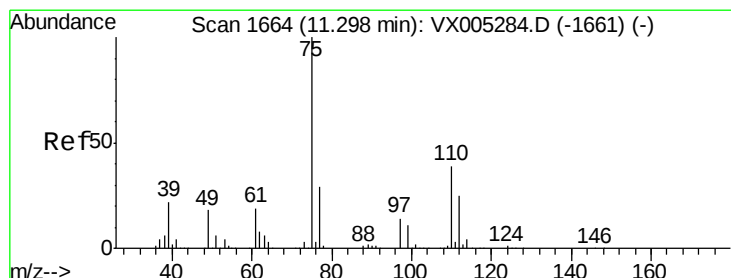
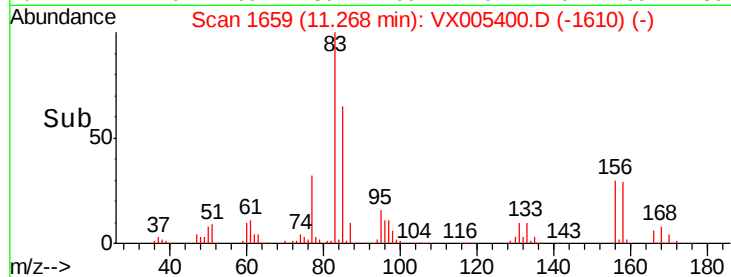
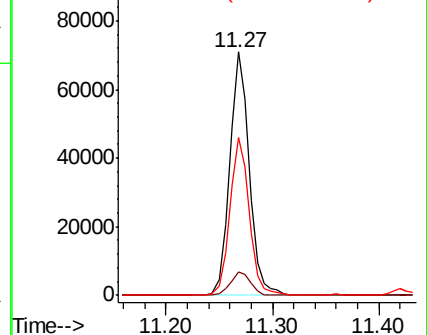
85 64.3 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 25.467 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX005400.D

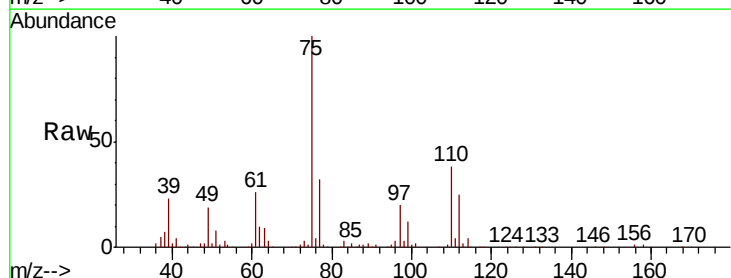
Acq: 17 Oct 2018 20:14

Tgt Ion: 75 Resp: 104482

Ion Ratio Lower Upper

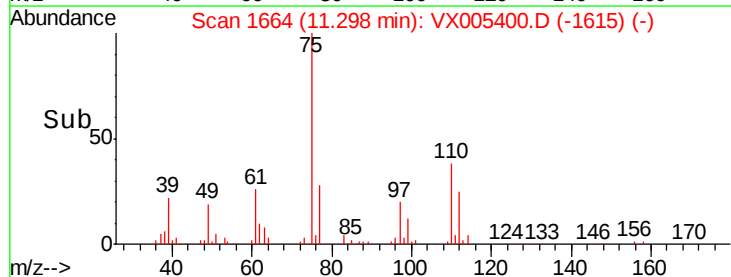
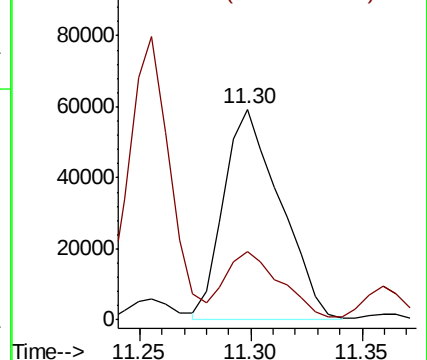
75 100

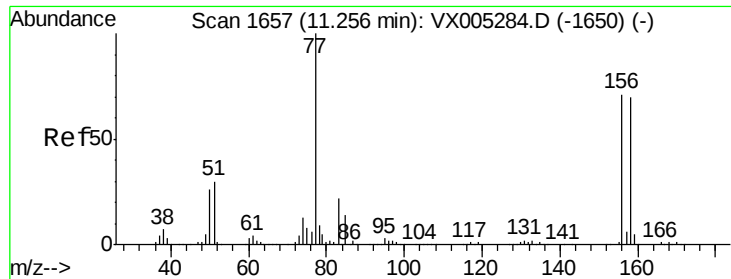
77 31.9 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.300 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005400.D

Acq: 17 Oct 2018 20:14

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBS02

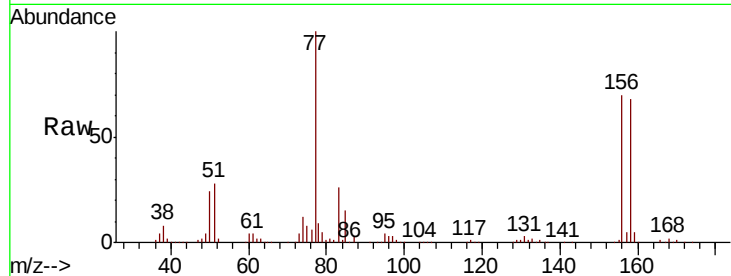
Tot Ion:156 Resp: 72979

Ion Ratio Lower Upper

156 100

77 141.1 71.5 214.3

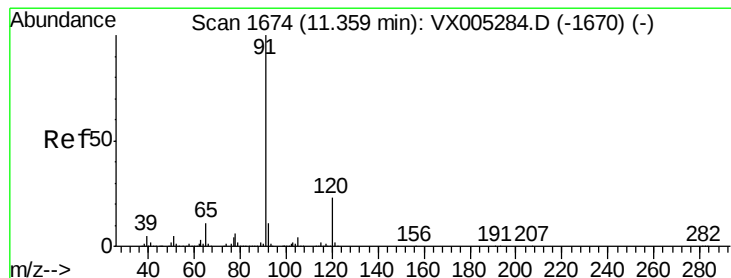
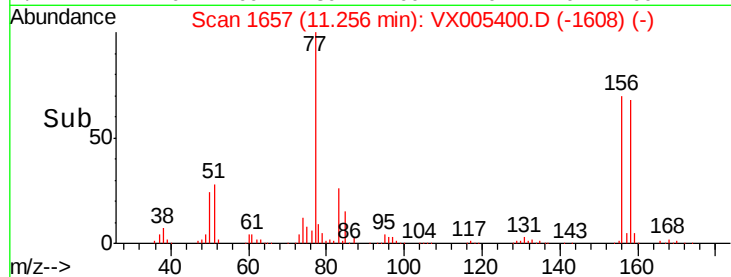
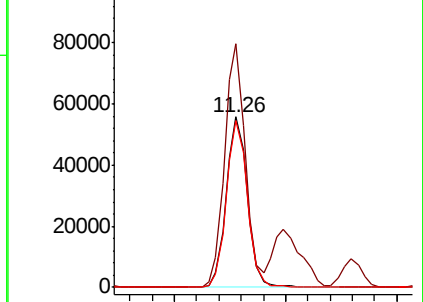
158 97.8 48.9 146.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.947 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005400.D

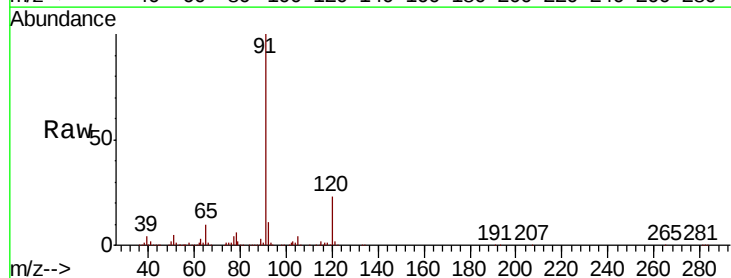
Acq: 17 Oct 2018 20:14

Tgt Ion: 91 Resp: 303071

Ion Ratio Lower Upper

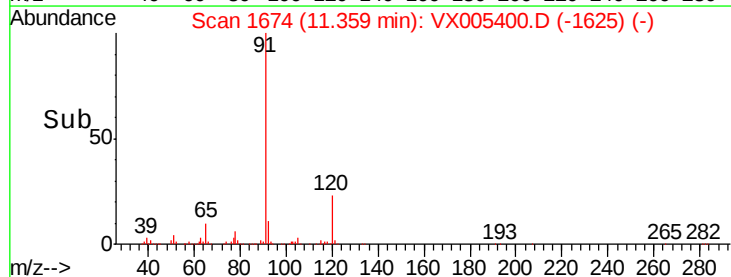
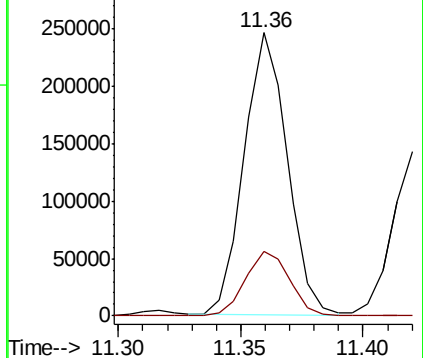
91 100

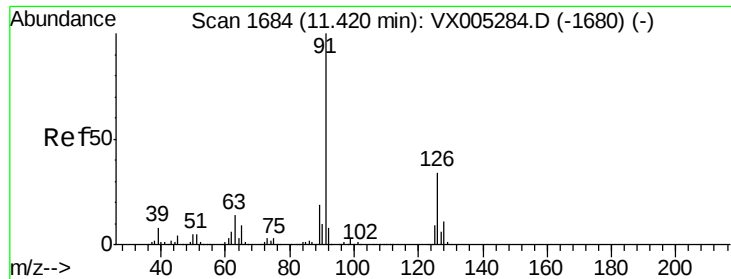
120 23.7 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

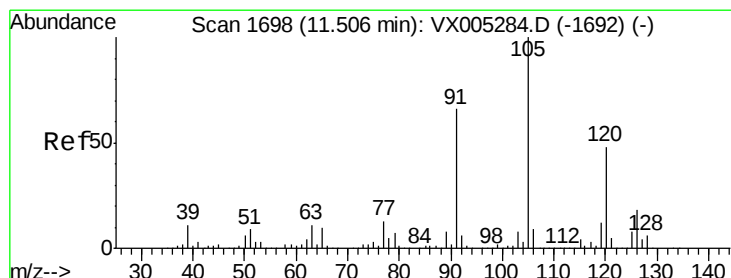
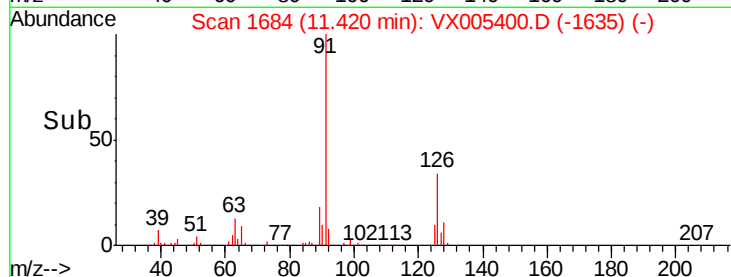
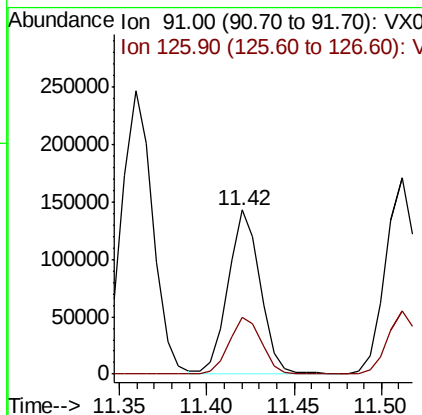
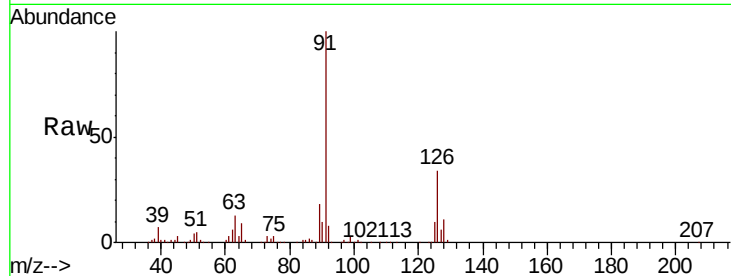




#79
 2-Chlorotoluene
 Concen: 20.351 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX005400.D
 Acq: 17 Oct 2018 20:14

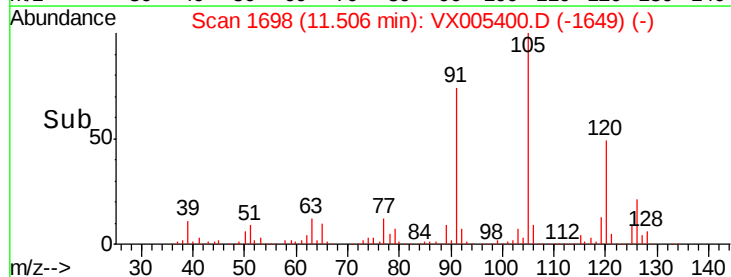
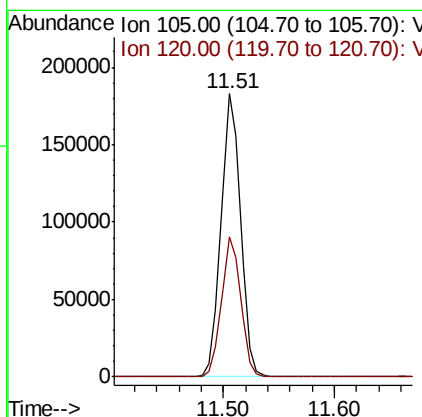
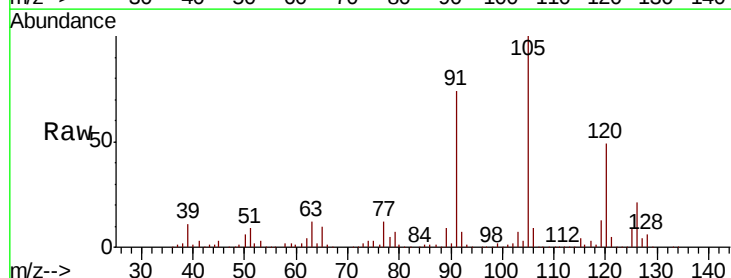
Instrument :
 MSVOA_X
 ClientSampled :
 VX1017WBS02

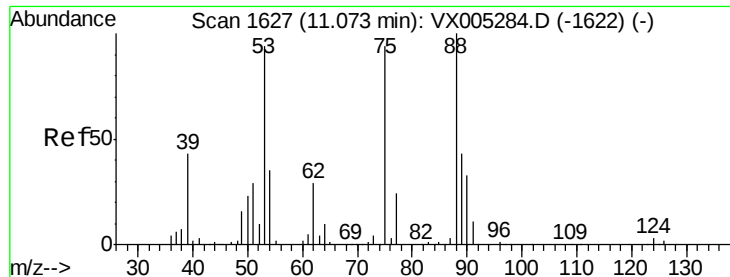
Tot Ion: 91 Resp: 180334
 Ion Ratio Lower Upper
 91 100
 126 35.4 17.9 53.7



#80
 1,3,5-Trimethylbenzene
 Concen: 20.726 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX005400.D
 Acq: 17 Oct 2018 20:14

Tgt Ion: 105 Resp: 223158
 Ion Ratio Lower Upper
 105 100
 120 48.9 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 17.883 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX005400.D

Acq: 17 Oct 2018 20:14

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBS02

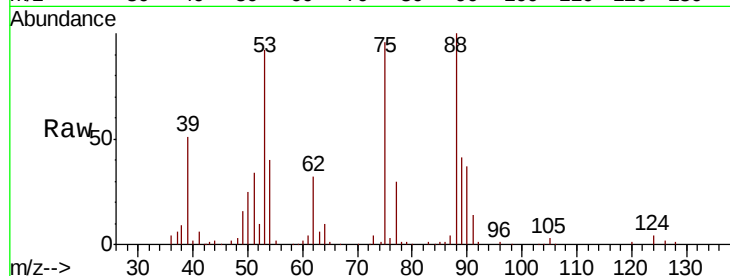
Tot Ion: 75 Resp: 24146

Ion Ratio Lower Upper

75 100

53 98.1 80.1 120.1

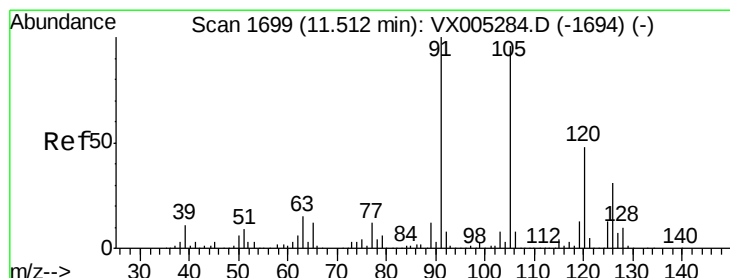
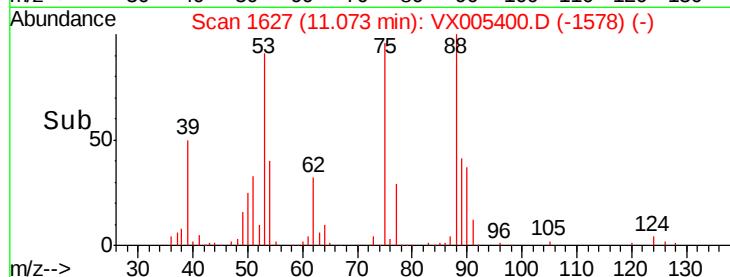
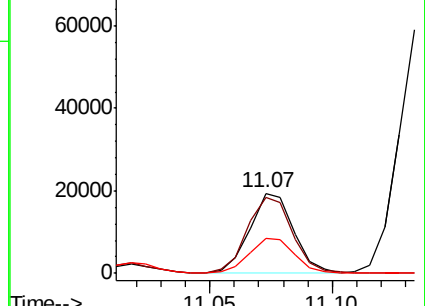
89 45.8 37.2 55.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 20.148 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX005400.D

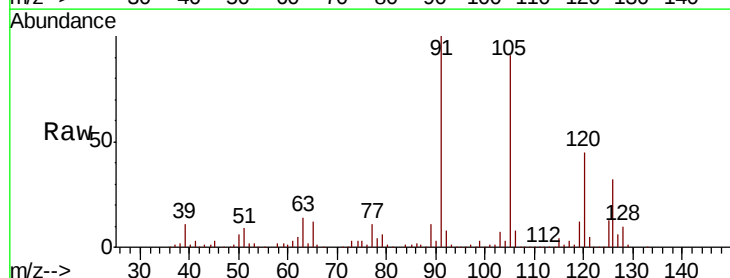
Acq: 17 Oct 2018 20:14

Tgt Ion: 91 Resp: 211643

Ion Ratio Lower Upper

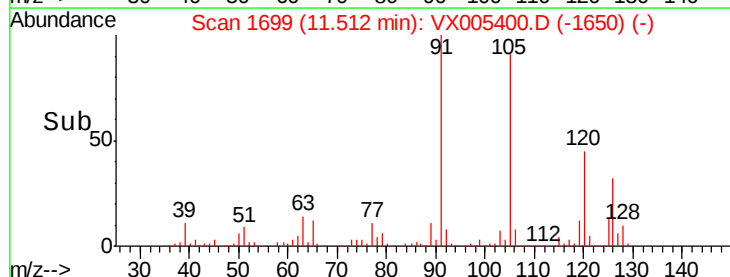
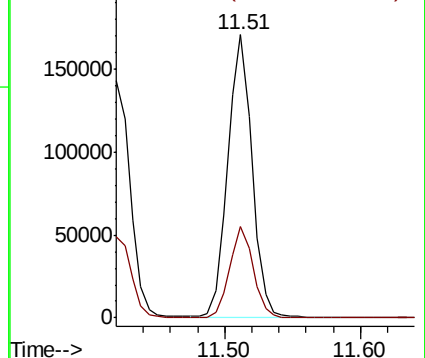
91 100

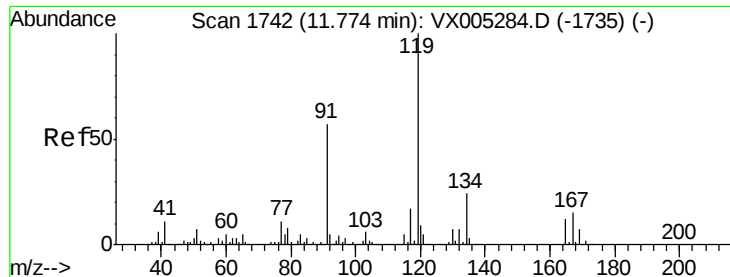
126 31.3 15.5 46.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

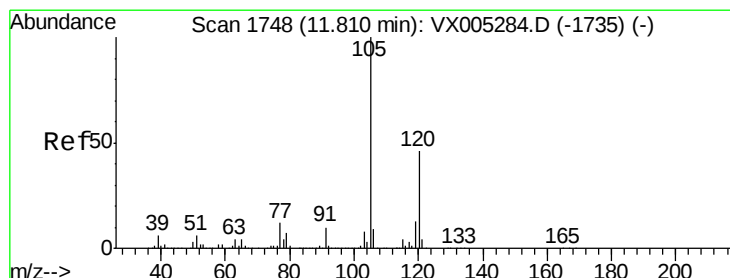
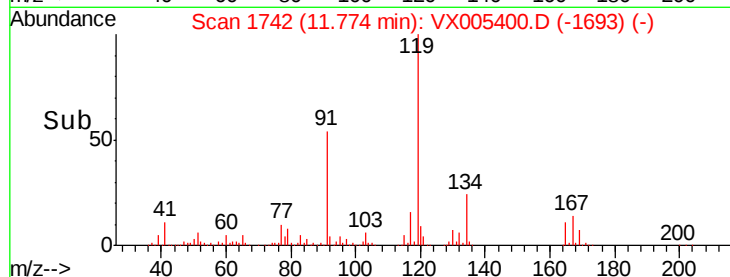
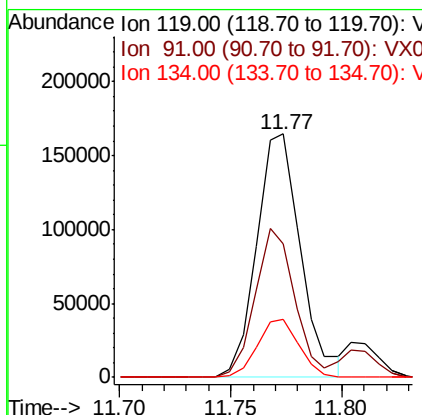
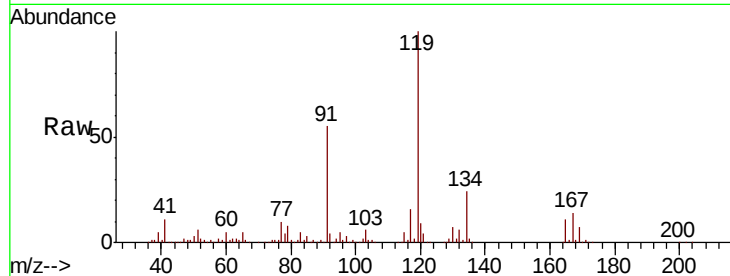




#83
 tert-Butylbenzene
 Concen: 20.724 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX005400.D
 Acq: 17 Oct 2018 20:14

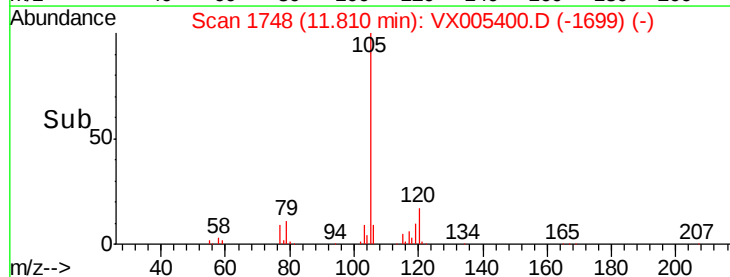
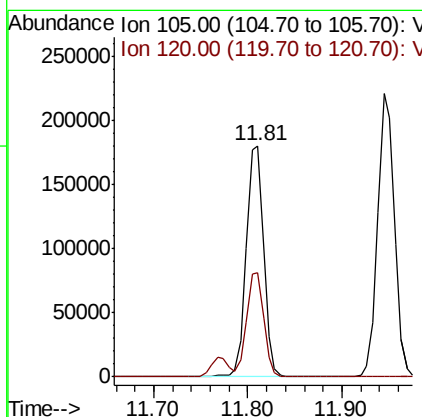
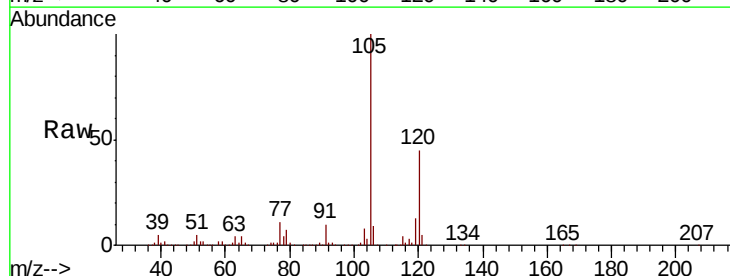
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017WBS02

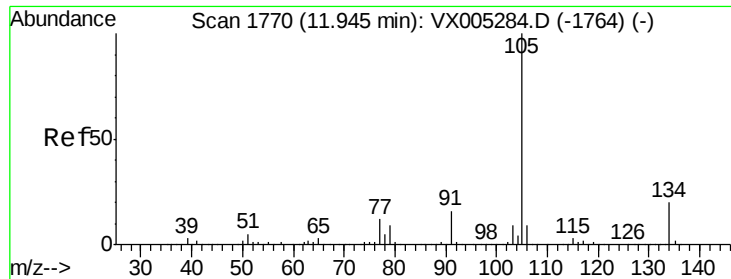
Tot Ion:119 Resp: 225964
 Ion Ratio Lower Upper
 119 100
 91 55.4 27.0 81.0
 134 22.8 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 20.987 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: VX005400.D
 Acq: 17 Oct 2018 20:14

Tgt Ion:105 Resp: 232545
 Ion Ratio Lower Upper
 105 100
 120 44.7 23.2 69.6

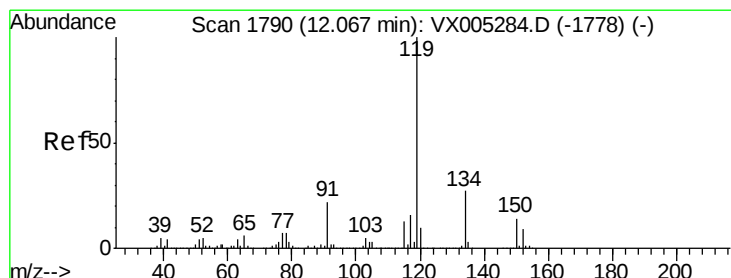
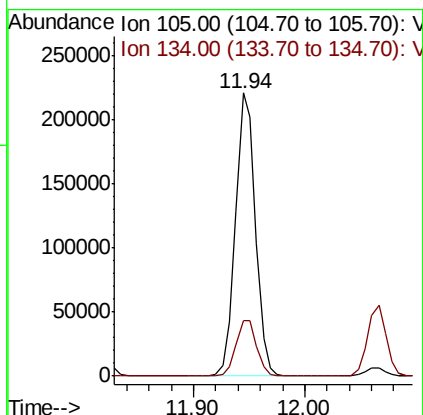
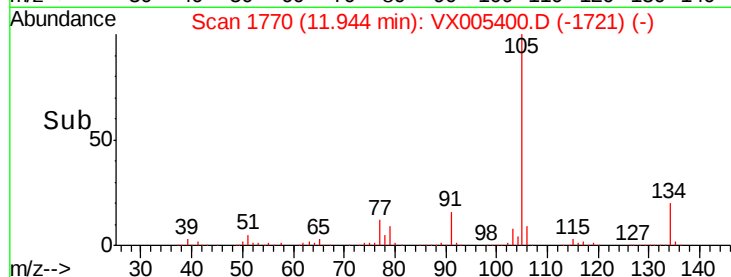
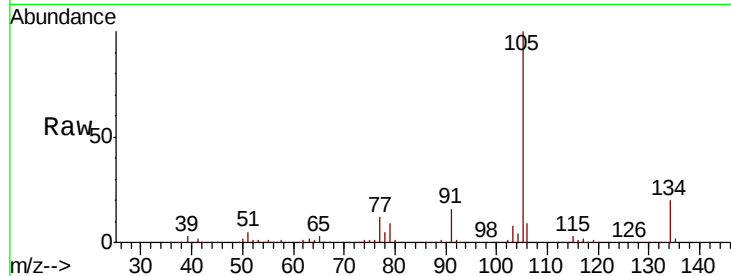




#85
 sec-Butylbenzene
 Concen: 21.159 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX005400.D
 Acq: 17 Oct 2018 20:14

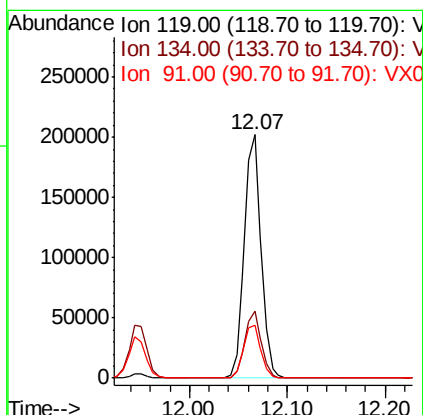
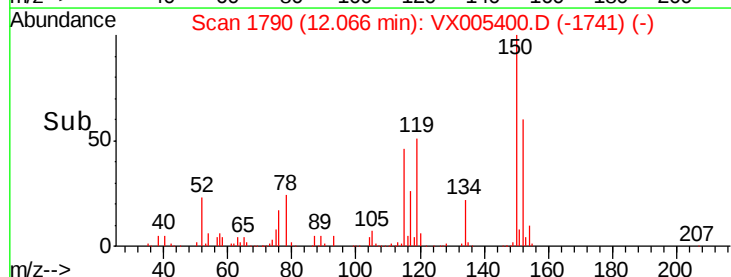
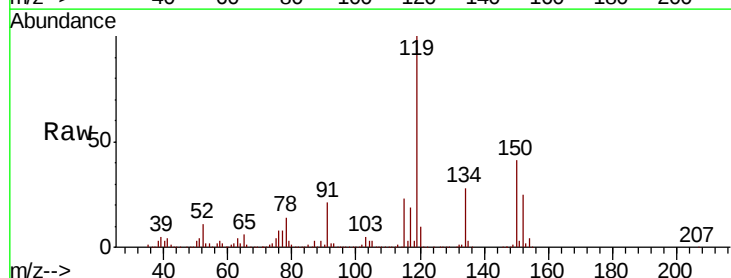
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017WBS02

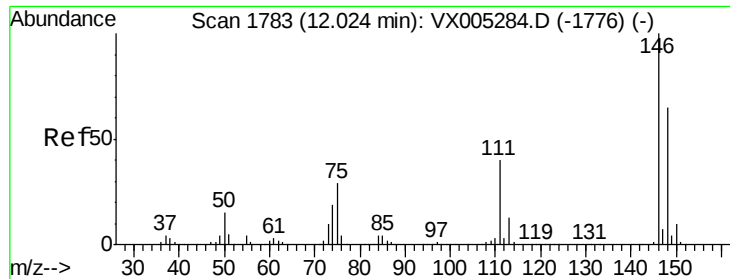
Tot Ion:105 Resp: 273020
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.5 31.5



#86
 p-Isopropyltoluene
 Concen: 20.705 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX005400.D
 Acq: 17 Oct 2018 20:14

Tgt Ion:119 Resp: 241477
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.4 40.2
 91 22.7 10.9 32.7

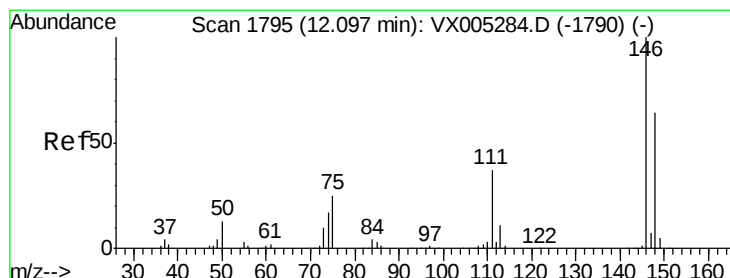
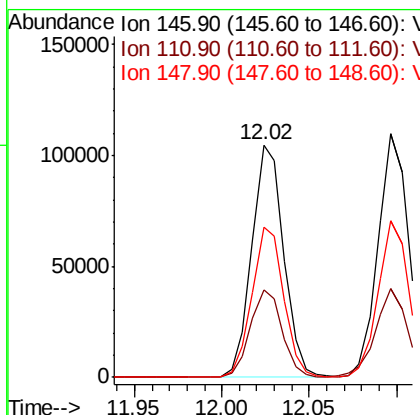
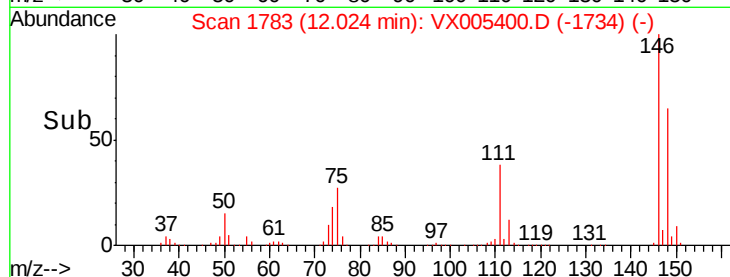
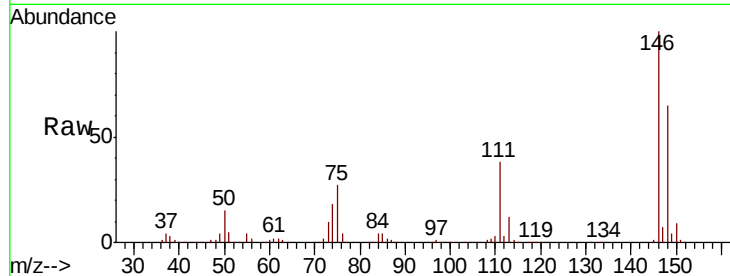




#87
 1,3-Dichlorobenzene
 Concen: 19.827 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX005400.D
 Acq: 17 Oct 2018 20:14

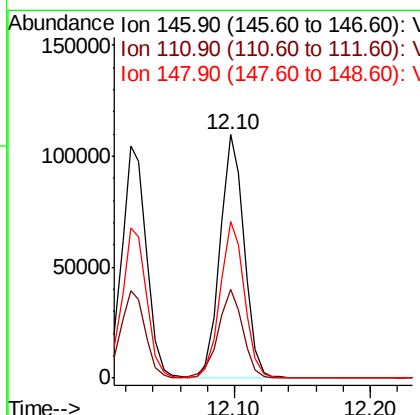
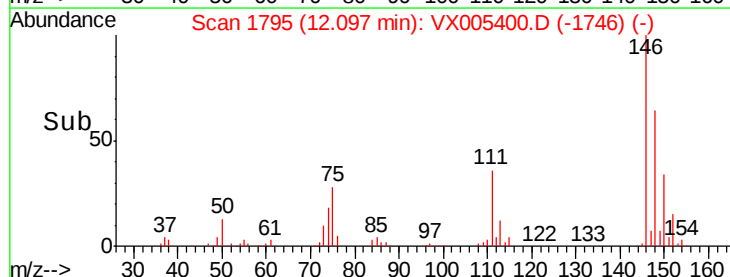
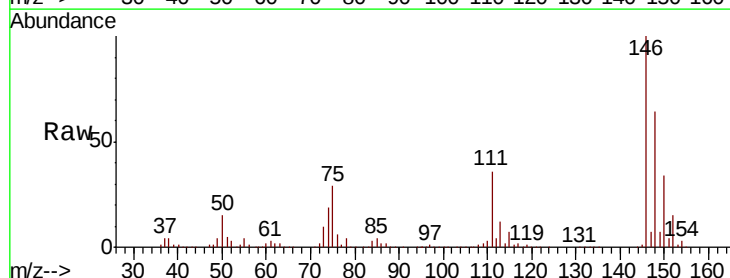
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017WBS02

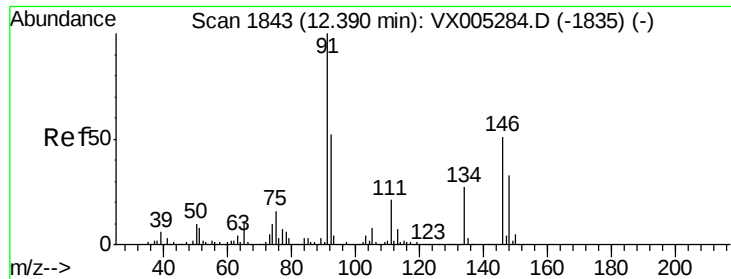
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.7	56.1
148	64.5	32.1	96.5



#88
 1,4-Dichlorobenzene
 Concen: 19.634 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005400.D
 Acq: 17 Oct 2018 20:14

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.1	54.1
148	64.9	32.0	96.0

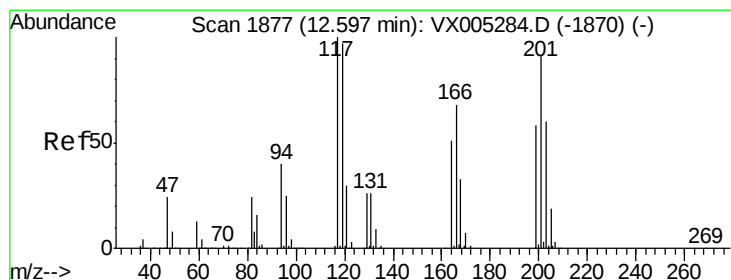
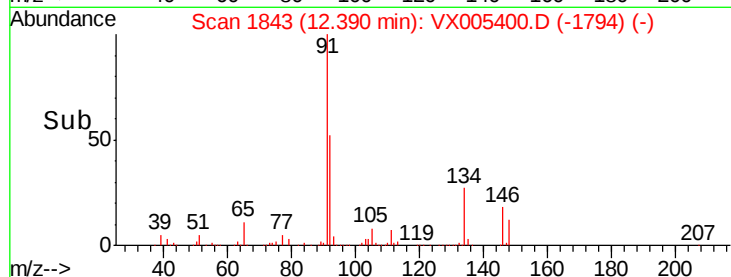
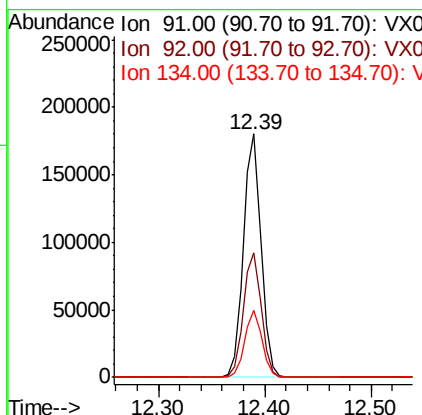
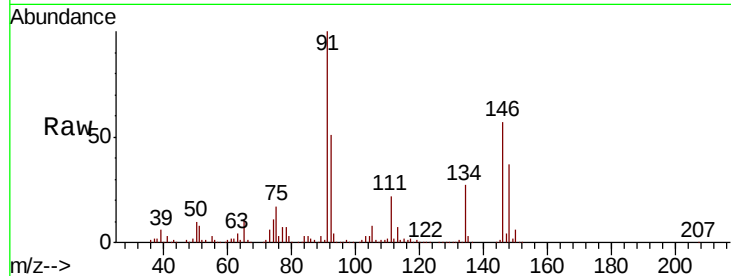




#89
n-Butylbenzene
Concen: 19.833 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005400.D
Acq: 17 Oct 2018 20:14

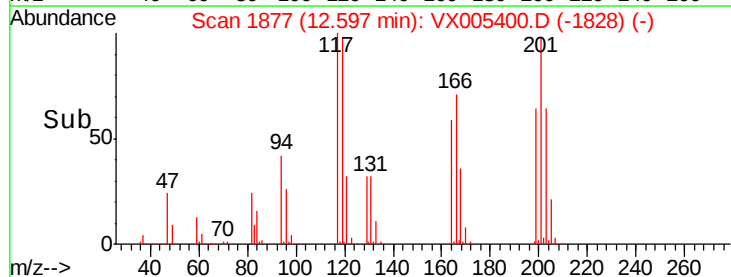
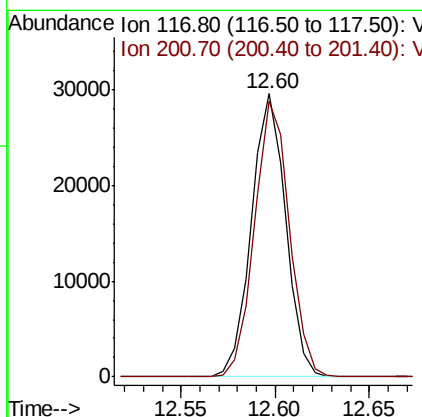
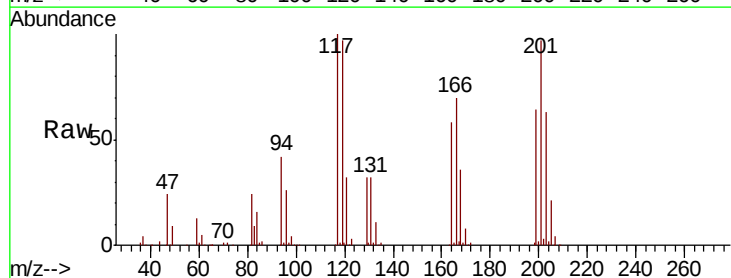
Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS02

Tot Ion: 91 Resp: 210015
Ion Ratio Lower Upper
91 100
92 51.9 27.3 81.9
134 26.9 13.6 40.7



#90
Hexachloroethane
Concen: 18.537 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005400.D
Acq: 17 Oct 2018 20:14

Tgt Ion: 117 Resp: 37258
Ion Ratio Lower Upper
117 100
201 99.1 46.9 140.6

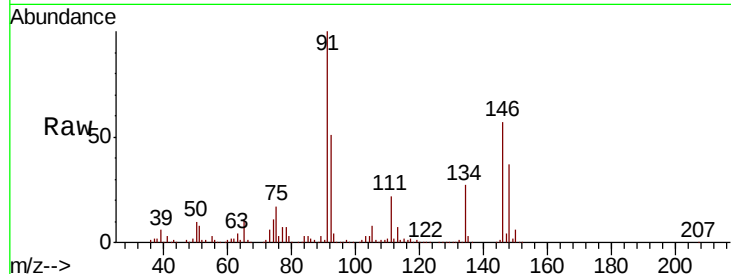




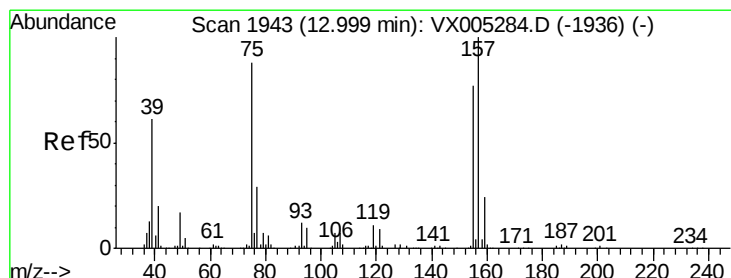
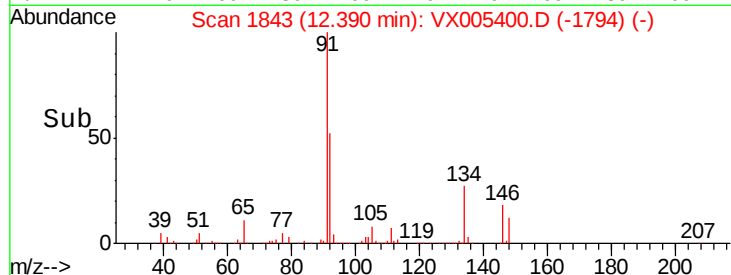
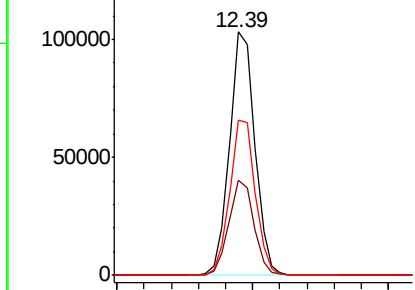
#91
 1,2-Dichlorobenzene
 Concen: 19.524 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX005400.D
 Acq: 17 Oct 2018 20:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017WBS02

Tot Ion:146 Resp: 133841
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.4 58.1
 148 64.3 32.8 98.3

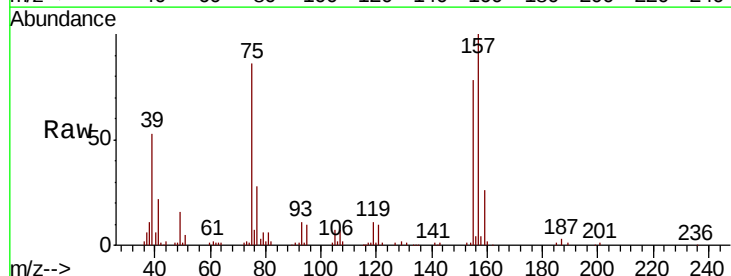


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

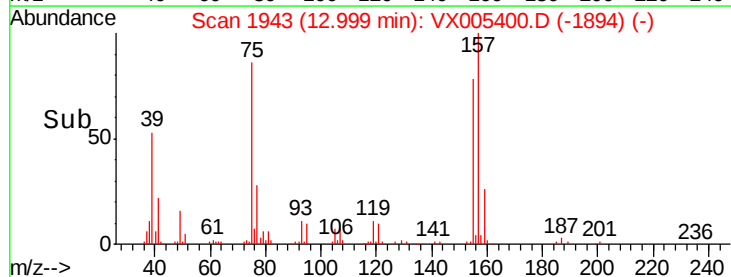
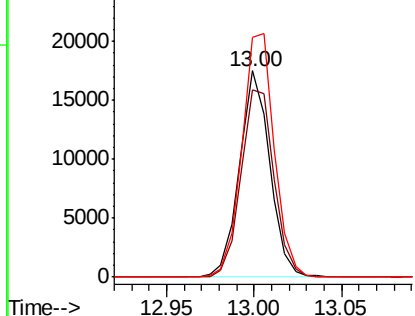


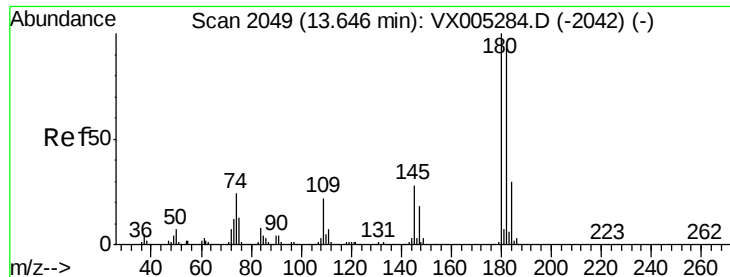
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.205 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX005400.D
 Acq: 17 Oct 2018 20:14

Tgt Ion: 75 Resp: 21063
 Ion Ratio Lower Upper
 75 100
 155 98.7 48.0 144.2
 157 126.0 61.4 184.1



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

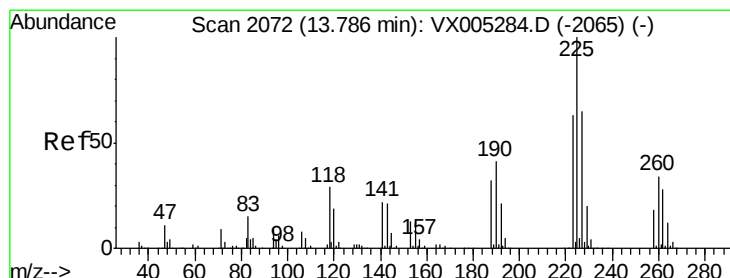
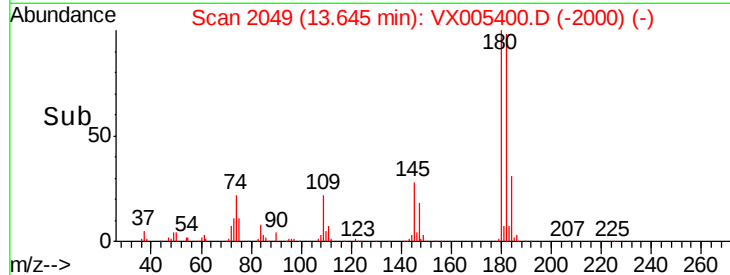
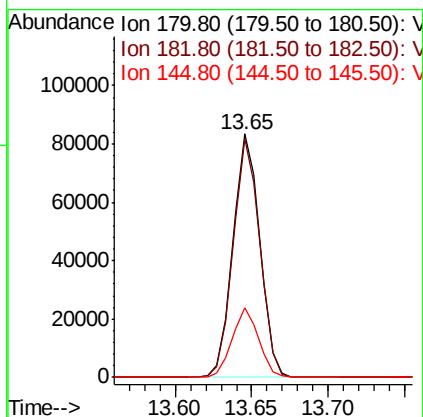
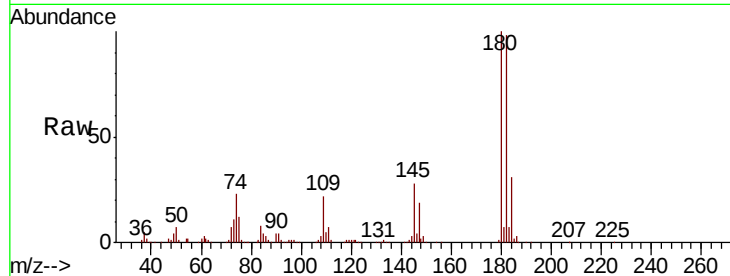




#93
 1,2,4-Trichlorobenzene
 Concen: 20.117 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005400.D
 Acq: 17 Oct 2018 20:14

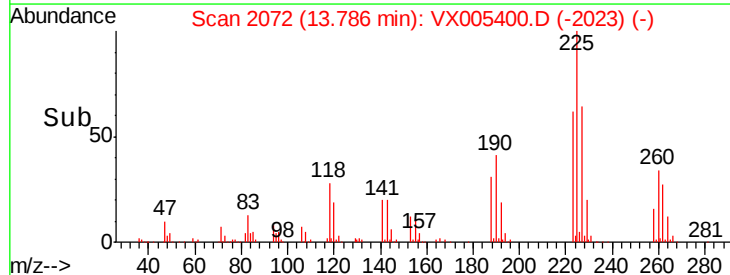
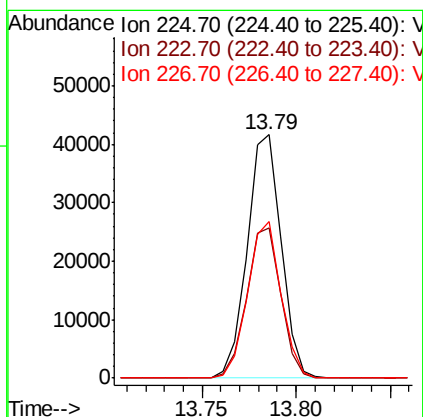
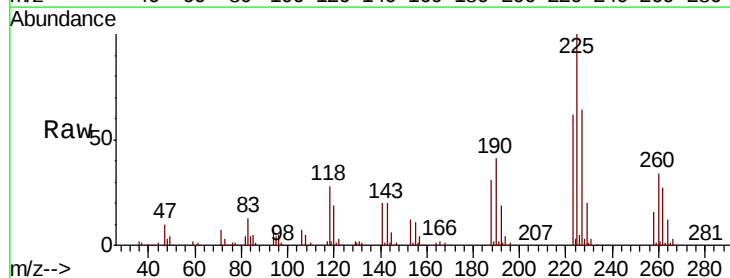
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017WBS02

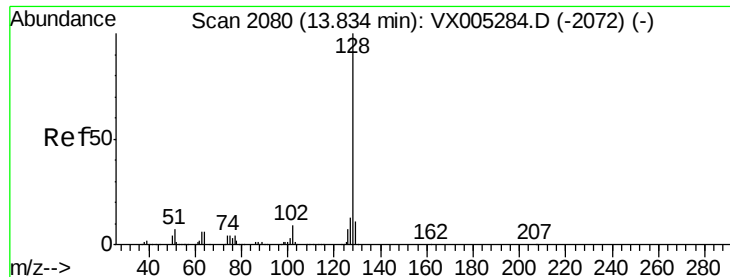
Tot Ion	Ratio	Lower	Upper
180	100		
182	97.3	48.4	145.0
145	27.9	14.3	42.9



#94
 Hexachlorobutadiene
 Concen: 19.590 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX005400.D
 Acq: 17 Oct 2018 20:14

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.1	30.1	90.5
227	62.8	30.8	92.4

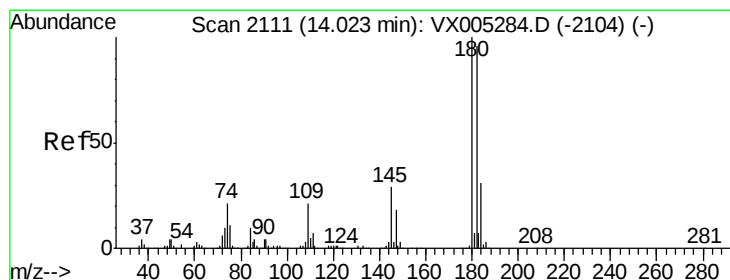
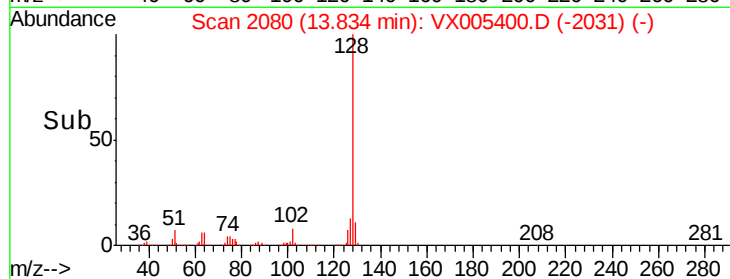
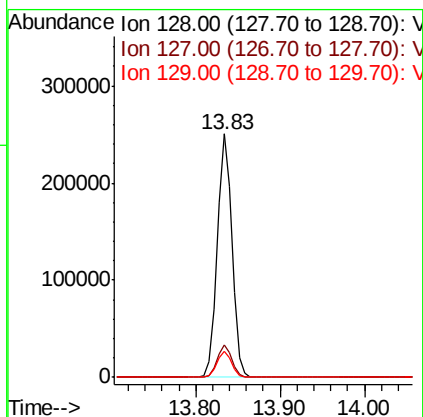
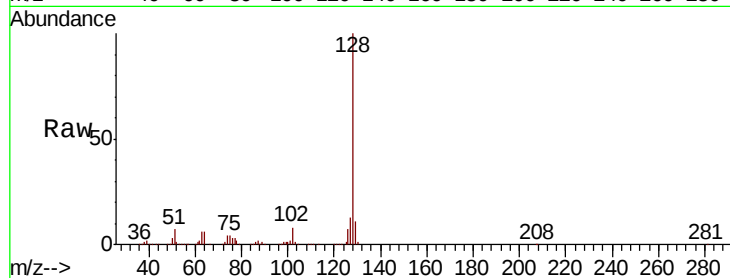




#95
Naphthalene
Concen: 20.906 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX005400.D
Acq: 17 Oct 2018 20:14

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS02

Tot Ion:128 Resp: 304942
Ion Ratio Lower Upper
128 100
127 13.3 10.2 15.2
129 10.7 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 20.404 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. -0.00 min
Lab File: VX005400.D
Acq: 17 Oct 2018 20:14

Tgt Ion:180 Resp: 105002
Ion Ratio Lower Upper
180 100
182 95.6 48.5 145.6
145 29.3 14.9 44.9

