

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092818\
 Data File : VX004855.D
 Acq On : 29 Sep 2018 07:12
 Operator : JC/MD
 Sample : J5134-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW505-0913MS

Quant Time: Oct 01 01:15:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	216708	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	331526	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	316923	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	192530	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	163946	52.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.92%	
35) Dibromofluoromethane	5.51	113	134365	47.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.64%	
50) Toluene-d8	8.72	98	503902	53.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.90%	
62) 4-Bromofluorobenzene	11.14	95	186140	55.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	174544	59.072	ug/l	98
3) Chloromethane	1.32	50	190950	53.266	ug/l	99
4) Vinyl Chloride	1.40	62	190689	56.715	ug/l	99
5) Bromomethane	1.64	94	92132	46.210	ug/l	99
6) Chloroethane	1.71	64	112659	62.045	ug/l	97
7) Trichlorofluoromethane	1.93	101	242026	58.146	ug/l	95
8) Diethyl Ether	2.19	74	96510	53.372	ug/l	85
9) 1,1,2-Trichlorotrifluoroet	2.38	101	129383	54.569	ug/l	98
10) Methyl Iodide	2.51	142	125580	39.580	ug/l	97
11) Tert butyl alcohol	3.07	59	248064	286.587	ug/l	98
12) 1,1-Dichloroethene	2.37	96	128442	54.700	ug/l	94
13) Acrolein	2.29	56	111657	181.304	ug/l	97
14) Allyl chloride	2.73	41	283944	55.422	ug/l	94
15) Acrylonitrile	3.15	53	528823	277.529	ug/l	99
16) Acetone	2.45	43	471249	260.745	ug/l	96
17) Carbon Disulfide	2.57	76	372789	52.835	ug/l	100
18) Methyl Acetate	2.78	43	233883	51.077	ug/l	92
19) Methyl tert-butyl Ether	3.20	73	474310	58.561	ug/l	97
20) Methylene Chloride	2.85	84	152187	58.050	ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	138555	53.904	ug/l	95
22) Diisopropyl ether	3.87	45	490995	56.912	ug/l	91
23) Vinyl Acetate	3.82	43	1874236	237.333	ug/l	95
24) 1,1-Dichloroethane	3.70	63	273406	53.127	ug/l	98
25) 2-Butanone	4.70	43	710831	266.825	ug/l	94
26) 2,2-Dichloropropane	4.58	77	129269	36.072	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	150609	52.450	ug/l	97
28) Bromochloromethane	5.02	49	129394	53.393	ug/l	89
29) Tetrahydrofuran	5.15	42	467062	282.077	ug/l	91
30) Chloroform	5.21	83	260864	53.634	ug/l	100
31) Cyclohexane	5.57	56	231272	58.716	ug/l	93
32) 1,1,1-Trichloroethane	5.49	97	220722	55.568	ug/l	99
36) 1,1-Dichloropropene	5.80	75	190990	49.821	ug/l	99
37) Ethyl Acetate	4.85	43	222069	43.640	ug/l	97
38) Carbon Tetrachloride	5.78	117	192850	47.857	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	212205	54.211	ug/l	94
40) Benzene	6.14	78	585812	48.812	ug/l	99
41) Methacrylonitrile	5.06	41	142007	50.321	ug/l	96
42) 1,2-Dichloroethane	6.20	62	211072	49.750	ug/l	97
43) Isopropyl Acetate	6.46	43	347030	47.249	ug/l	96
44) Trichloroethene	7.21	130	154135	52.243	ug/l	95
45) 1,2-Dichloropropane	7.52	63	161377	54.831	ug/l	97
46) Dibromomethane	7.66	93	101034	54.623	ug/l	97
47) Bromodichloromethane	7.90	83	193485	55.871	ug/l	100
48) Methyl methacrylate	7.77	41	200455	60.131	ug/l	94
49) 1,4-Dioxane	7.76	88	92215	1113.437	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	1342811	290.368	ug/l	95
52) Toluene	8.79	92	366332	55.550	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	204479	52.251	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	216512	52.821	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	151930	52.595	ug/l	98
56) Ethyl methacrylate	9.18	69	237495	50.627	ug/l	93
57) 1,3-Dichloropropane	9.37	76	258667	53.803	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.27	63	2245	15.093	ug/l #	45
59) 2-Hexanone	9.50	43	1070376	277.753	ug/l	93
60) Dibromochloromethane	9.59	129	158421	54.838	ug/l	100
61) 1,2-Dibromoethane	9.68	107	156236	50.503	ug/l	100
64) Tetrachloroethene	9.34	164	146301	46.903	ug/l	98
65) Chlorobenzene	10.14	112	404446	49.767	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	147767	51.720	ug/l	99
67) Ethyl Benzene	10.26	91	688908	53.394	ug/l	97
68) m/p-Xylenes	10.36	106	534979	106.108	ug/l	95
69) o-Xylene	10.70	106	259320	55.998	ug/l	96
70) Styrene	10.71	104	438239	50.572	ug/l	97
71) Bromoform	10.86	173	126804	51.842	ug/l	99
73) Isopropylbenzene	11.02	105	689257	56.797	ug/l	99
74) N-amyl acetate	10.90	43	290740	43.812	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.27	83	251281	50.867	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	273466	63.371	ug/l	89
77) Bromobenzene	11.26	156	186493	52.908	ug/l	97
78) n-propylbenzene	11.36	91	783731	56.287	ug/l	99
79) 2-Chlorotoluene	11.42	91	476004	54.845	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	582572	52.387	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	63197	40.342	ug/l	98
82) 4-Chlorotoluene	11.51	91	561297	54.945	ug/l	99
83) tert-Butylbenzene	11.77	119	577151	57.764	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	608592	53.070	ug/l	97
85) sec-Butylbenzene	11.95	105	683431	56.157	ug/l	98
86) p-Isopropyltoluene	12.07	119	605889	54.951	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	337985	51.351	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	342506	50.410	ug/l	99
89) n-Butylbenzene	12.39	91	524503	52.378	ug/l	97
90) Hexachloroethane	12.60	117	98219	53.502	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	346648	50.397	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	56497	52.088	ug/l	96

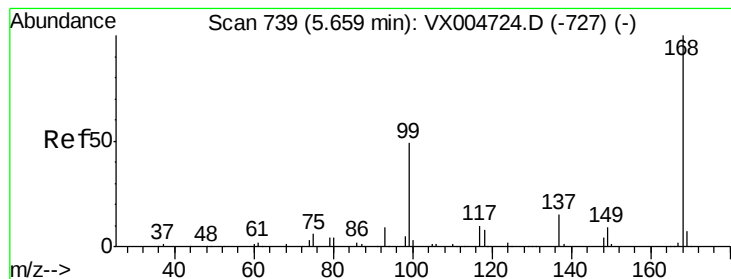
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092818\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	246900	51.170	ug/l	99
94) Hexachlorobutadiene	13.79	225	112644	45.021	ug/l	96
95) Naphthalene	13.83	128	827630	51.655	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	258899	51.943	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX004855.D

Acq: 29 Sep 2018 07:12

Instrument :

MSVOA_X

ClientSampleId :

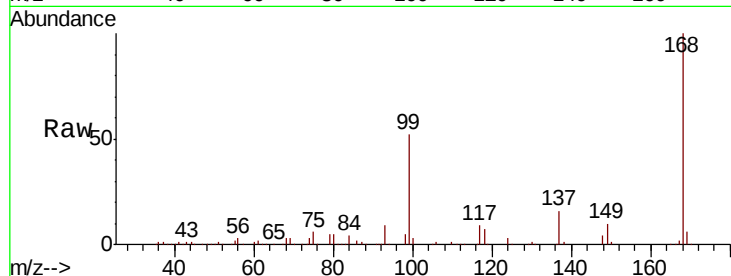
SA-TW505-0913MS

Tot Ion:168 Resp: 216708

Ion Ratio Lower Upper

168 100

99 52.0 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

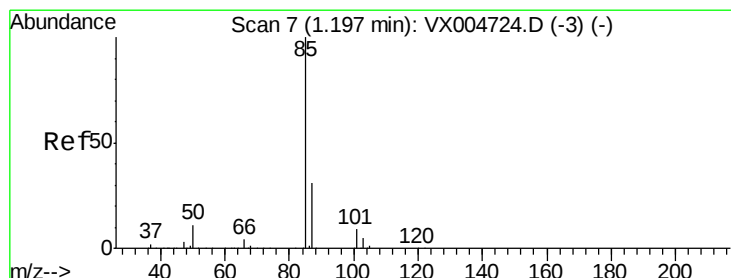
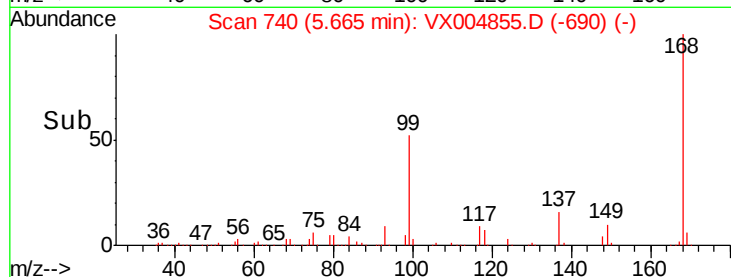
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#2

Dichlorodifluoromethane

Concen: 59.072 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX004855.D

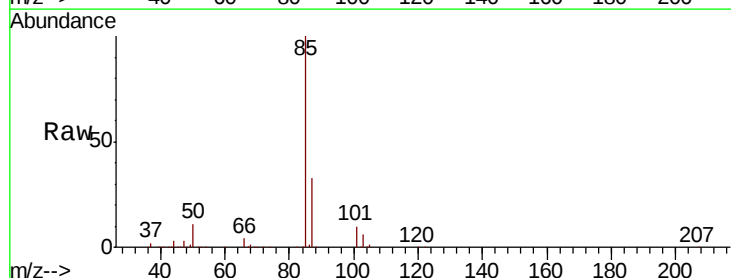
Acq: 29 Sep 2018 07:12

Tgt Ion: 85 Resp: 174544

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

150000

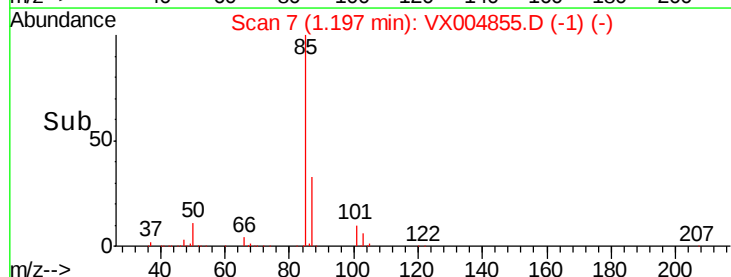
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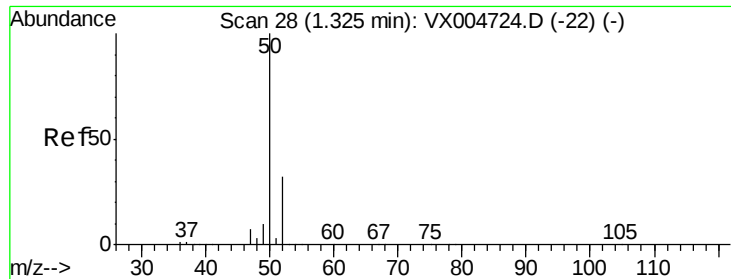
50000

0

Time-->

1.10 1.20 1.30





#3

Chloromethane

Concen: 53.266 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX004855.D

Acq: 29 Sep 2018 07:12

Instrument :

MSVOA_X

ClientSampleId :

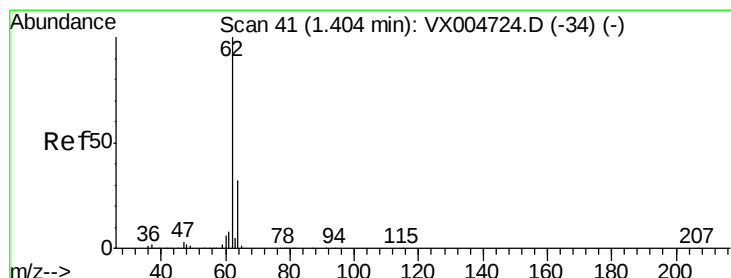
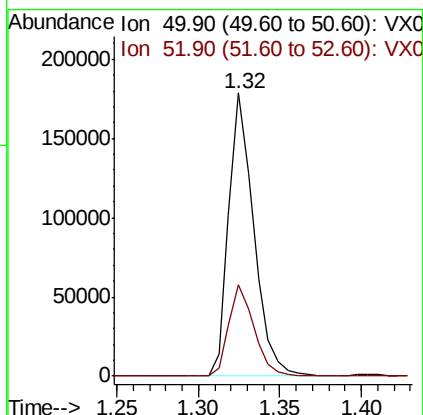
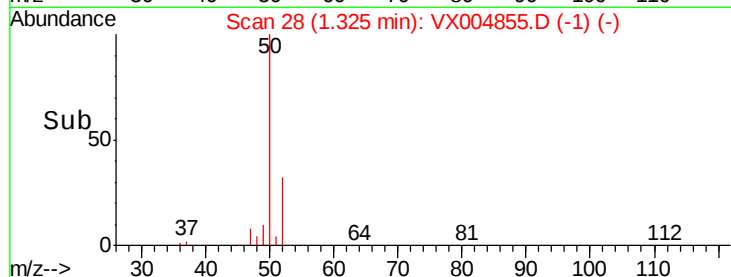
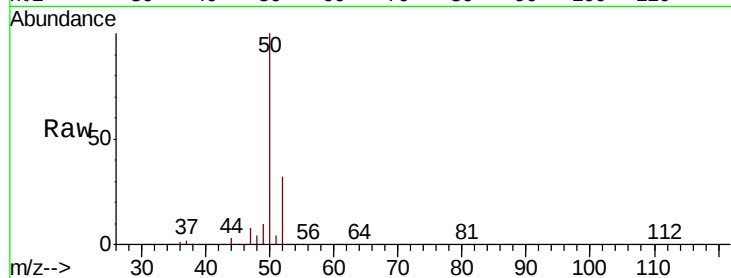
SA-TW505-0913MS

Tot Ion: 50 Resp: 190950

Ion Ratio Lower Upper

50 100

52 32.4 26.2 39.2



#4

Vinyl Chloride

Concen: 56.715 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX004855.D

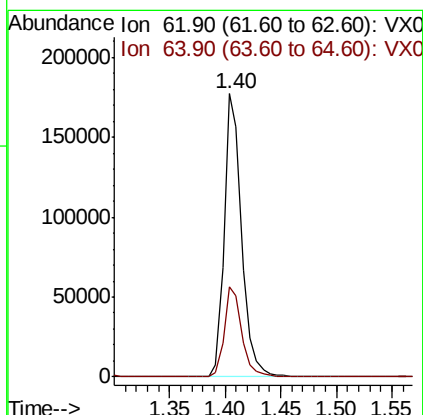
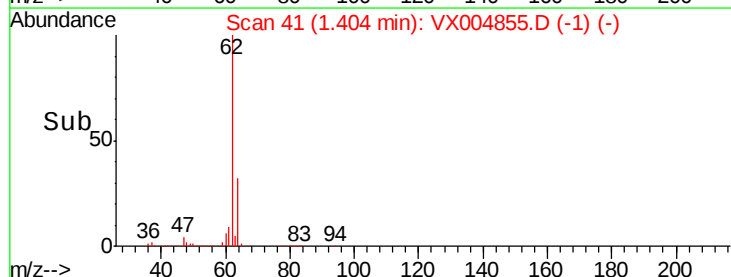
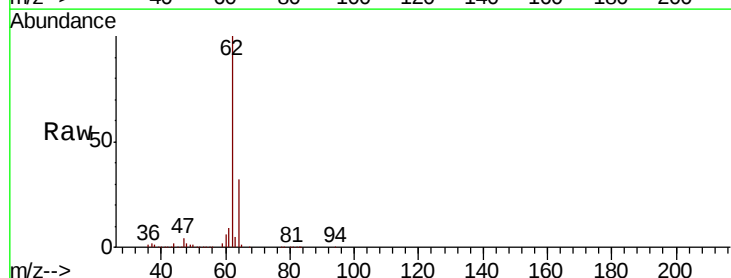
Acq: 29 Sep 2018 07:12

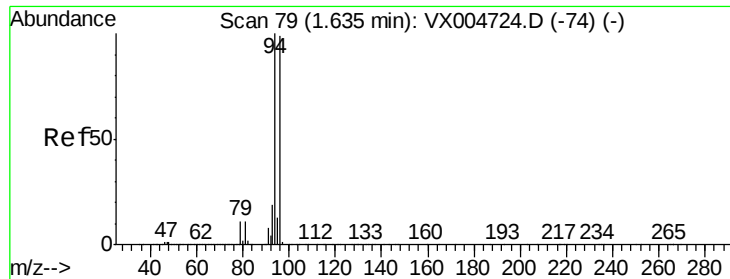
Tgt Ion: 62 Resp: 190689

Ion Ratio Lower Upper

62 100

64 31.6 25.8 38.8





#5

Bromomethane

Concen: 46.210 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX004855.D

Acq: 29 Sep 2018 07:12

Instrument :

MSVOA_X

ClientSampleId :

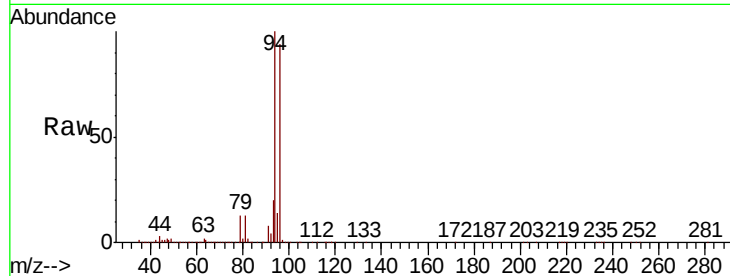
SA-TW505-0913MS

Tot Ion: 94 Resp: 92132

Ion Ratio Lower Upper

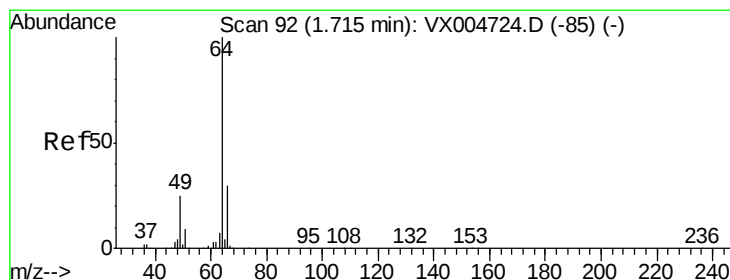
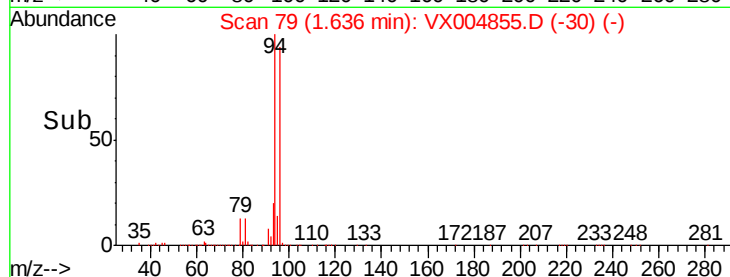
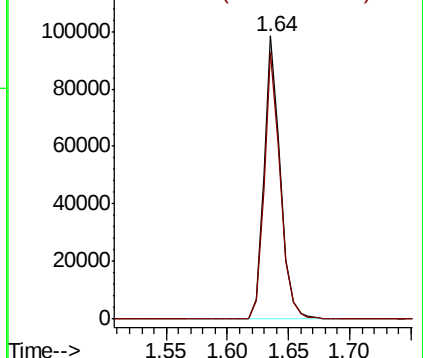
94 100

96 94.0 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 62.045 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX004855.D

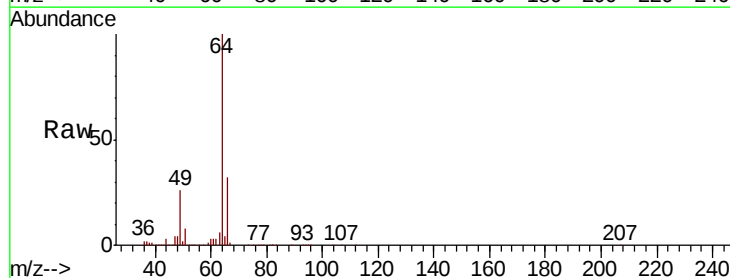
Acq: 29 Sep 2018 07:12

Tgt Ion: 64 Resp: 112659

Ion Ratio Lower Upper

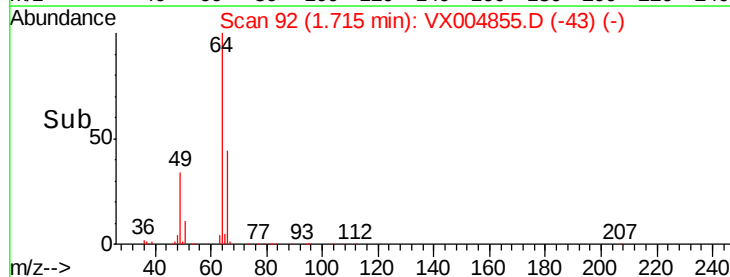
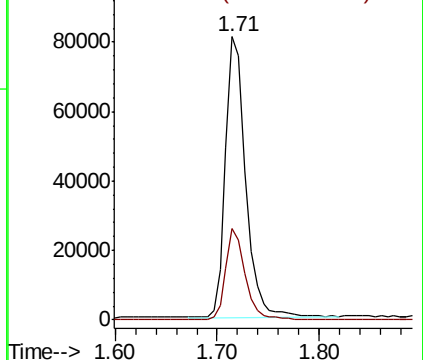
64 100

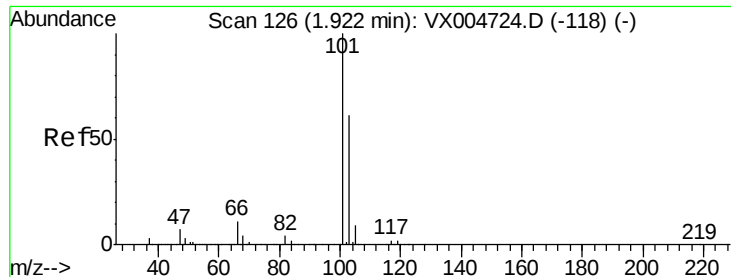
66 32.6 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



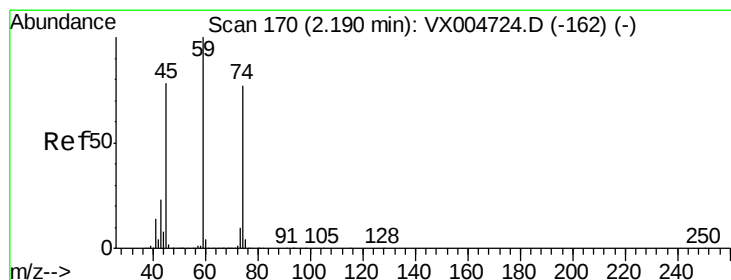
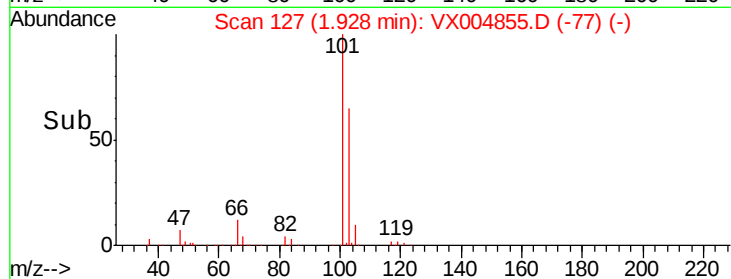
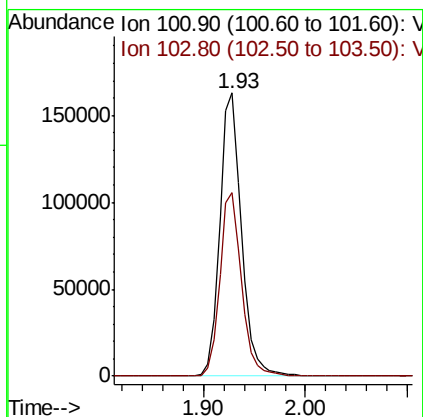
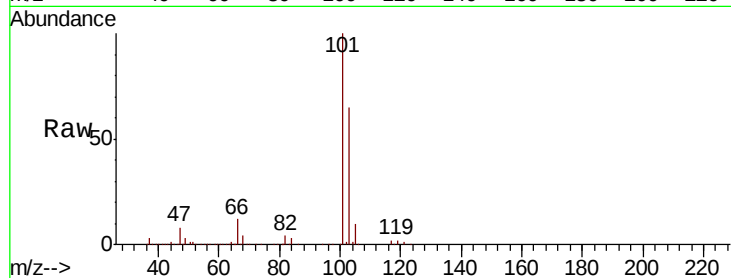


#7

Trichlorofluoromethane
 Concen: 58.146 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX004855.D
 Acq: 29 Sep 2018 07:12

Instrument :
 MSVOA_X
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 SA-TW505-0913MS

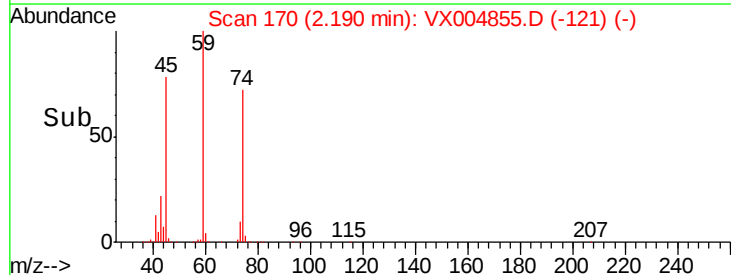
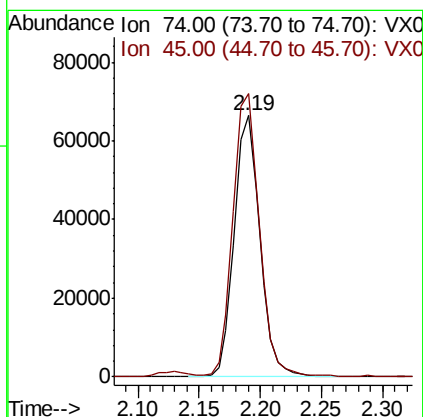
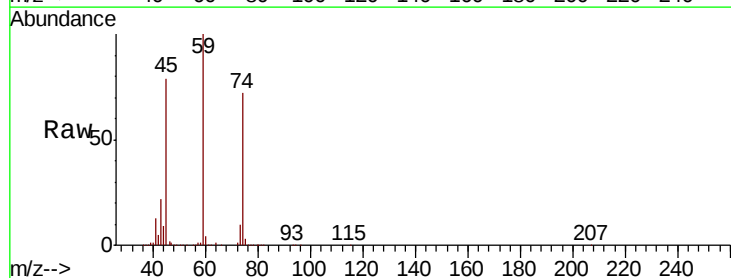
Tot Ion:101 Resp: 242026
 Ion Ratio Lower Upper
 101 100
 103 65.0 48.9 73.3

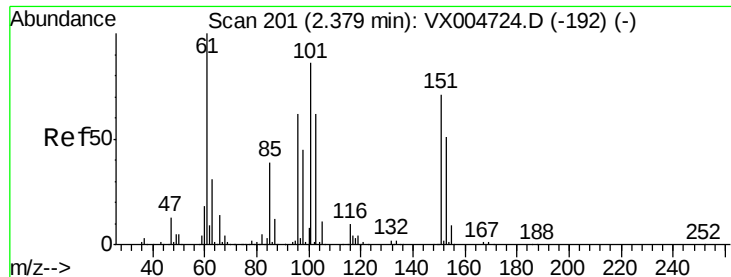


#8

Diethyl Ether
 Concen: 53.372 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX004855.D
 Acq: 29 Sep 2018 07:12

Tgt Ion: 74 Resp: 96510
 Ion Ratio Lower Upper
 74 100
 45 110.7 48.3 144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.569 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX004855.D

Acq: 29 Sep 2018 07:12

Instrument :

MSVOA_X

ClientSampleId :

SA-TW505-0913MS

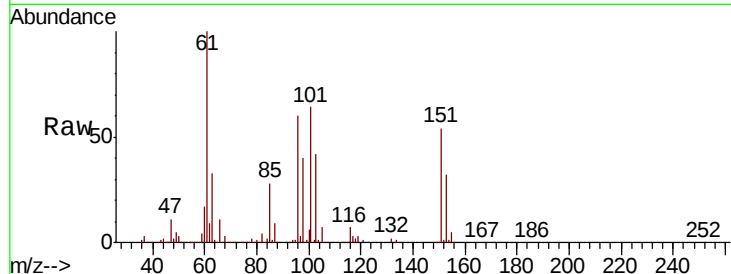
Tot Ion:101 Resp: 129383

Ion Ratio Lower Upper

101 100

85 43.3 34.2 51.4

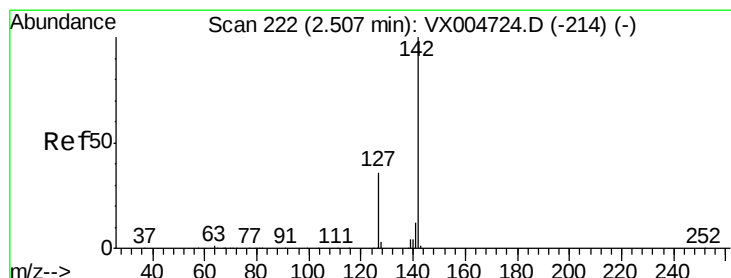
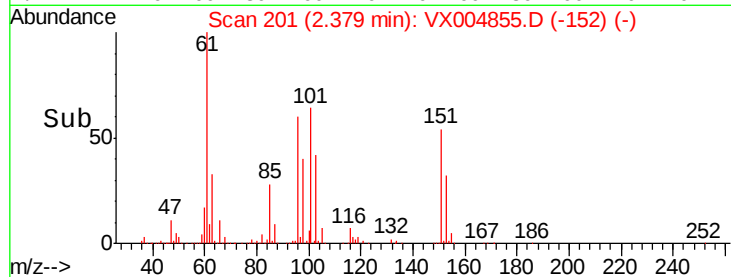
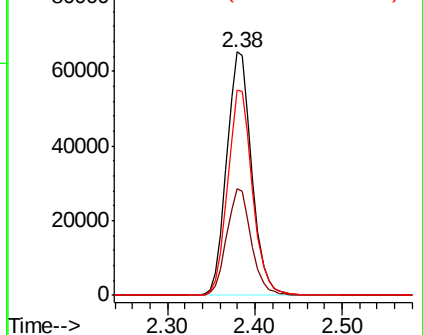
151 83.8 65.0 97.6



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: 39.580 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX004855.D

Acq: 29 Sep 2018 07:12

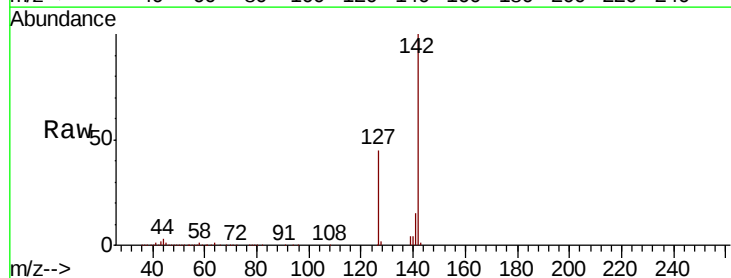
Tgt Ion:142 Resp: 125580

Ion Ratio Lower Upper

142 100

127 44.5 33.8 50.6

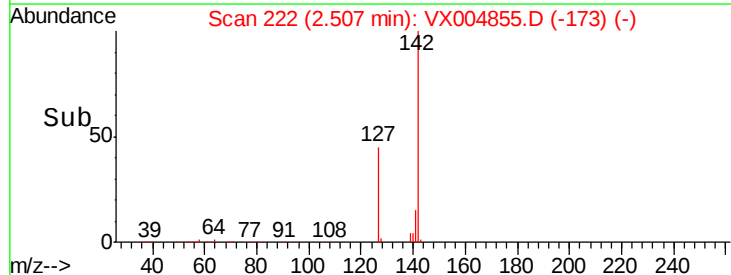
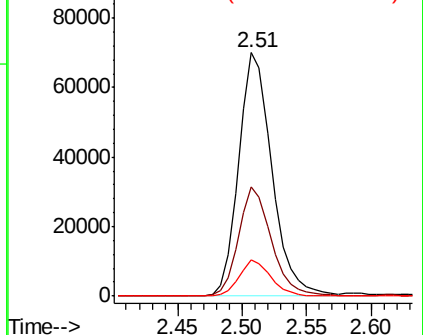
141 14.2 11.4 17.0

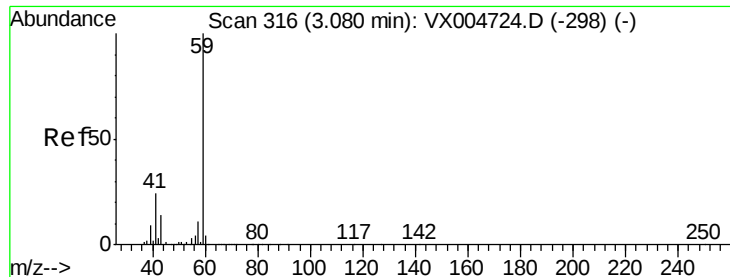


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

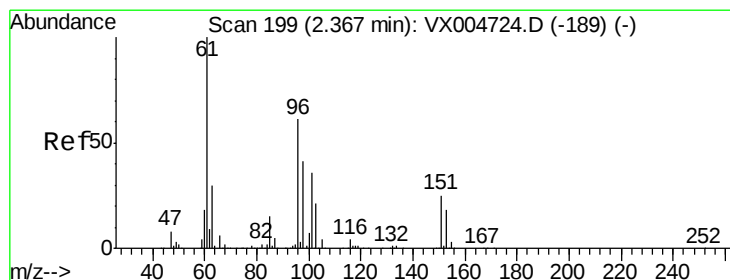
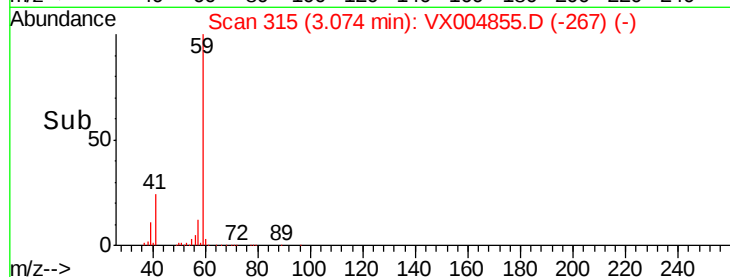
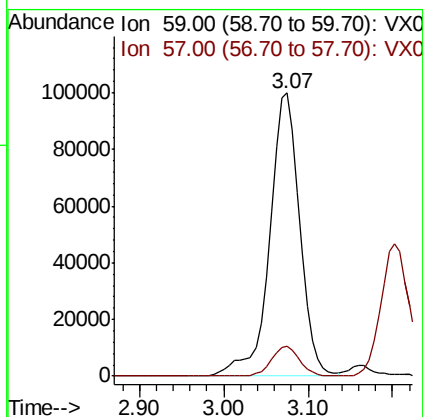
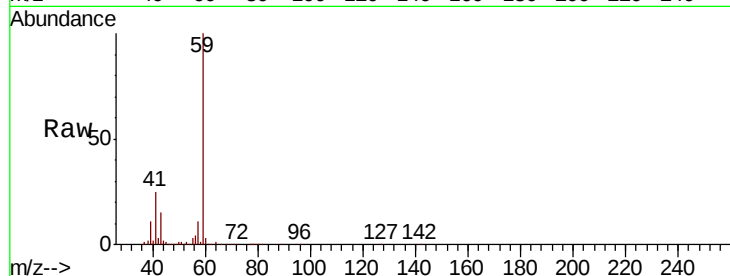




#11
Tert butyl alcohol
Concen: 286.587 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX004855.D
Acq: 29 Sep 2018 07:12

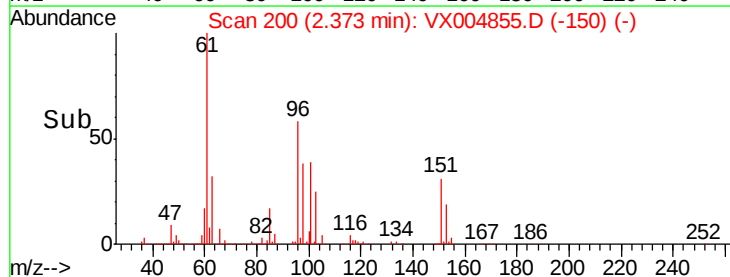
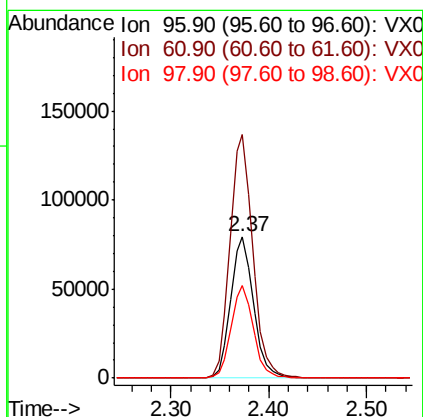
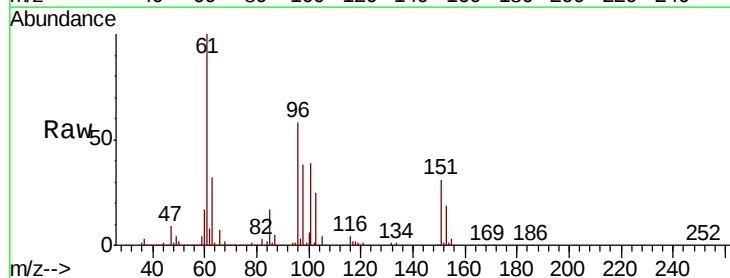
Instrument :
MSVOA_X
ClientSampleId :
SA-TW505-0913MS

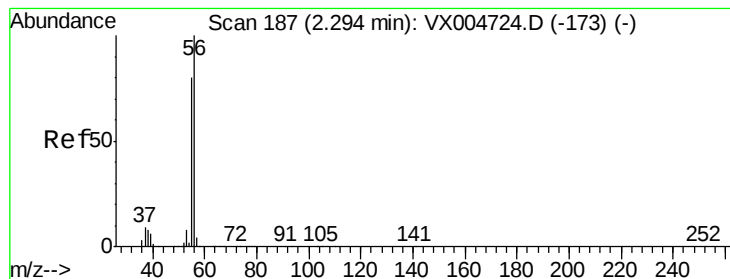
Tot Ion: 59 Resp: 248064
Ion Ratio Lower Upper
59 100
57 9.7 8.2 12.4



#12
1,1-Dichloroethene
Concen: 54.700 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX004855.D
Acq: 29 Sep 2018 07:12

Tgt Ion: 96 Resp: 128442
Ion Ratio Lower Upper
96 100
61 171.9 128.8 193.2
98 65.6 52.2 78.2





#13

Acrolein

Concen: 181.304 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX004855.D

Acq: 29 Sep 2018 07:12

Instrument :

MSVOA_X

ClientSampleId :

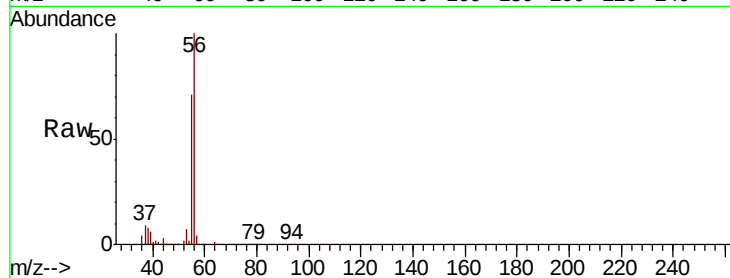
SA-TW505-0913MS

Tot Ion: 56 Resp: 111657

Ion Ratio Lower Upper

56 100

55 70.5 54.7 82.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

80000

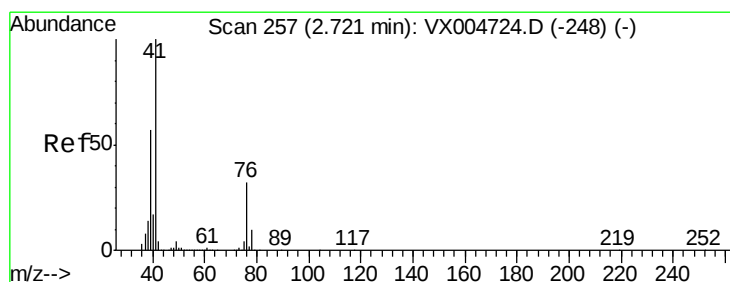
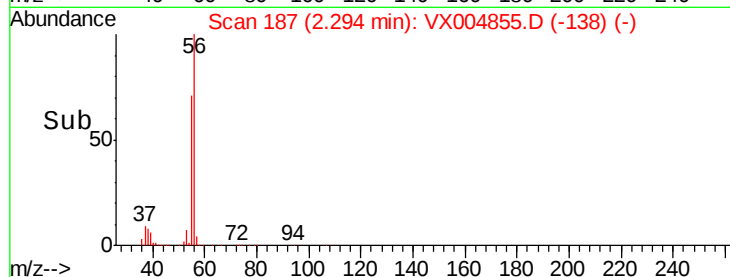
60000

40000

20000

0

Time--> 2.20 2.30 2.40



#14

Allyl chloride

Concen: 55.422 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX004855.D

Acq: 29 Sep 2018 07:12

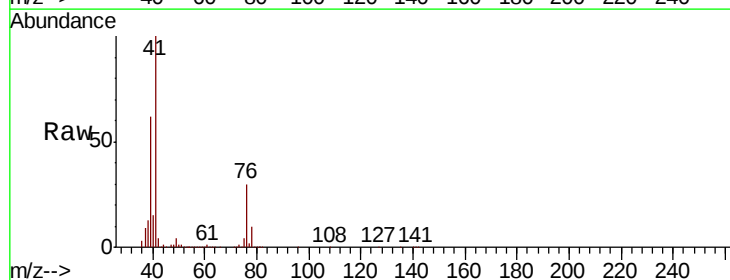
Tgt Ion: 41 Resp: 283944

Ion Ratio Lower Upper

41 100

39 57.7 48.9 73.3

76 27.8 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

200000

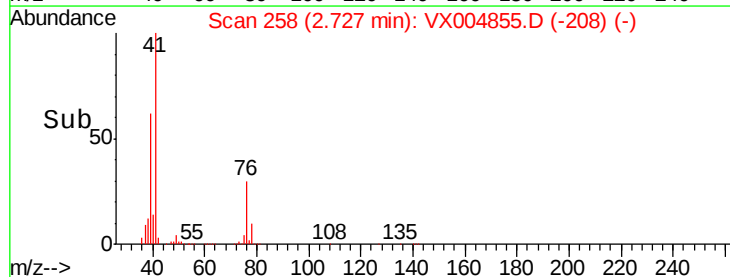
150000

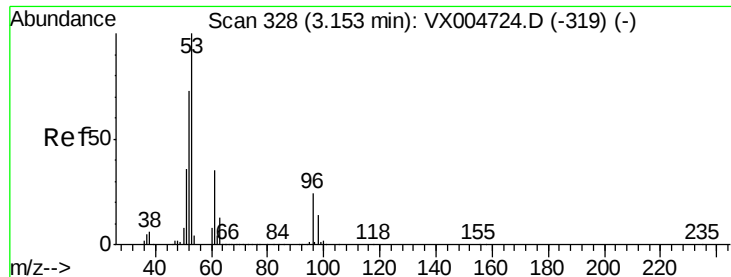
100000

50000

0

Time--> 2.60 2.70 2.80





#15

Acrylonitrile

Concen: 277.529 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX004855.D

Acq: 29 Sep 2018 07:12

Instrument :

MSVOA_X

ClientSampleId :

SA-TW505-0913MS

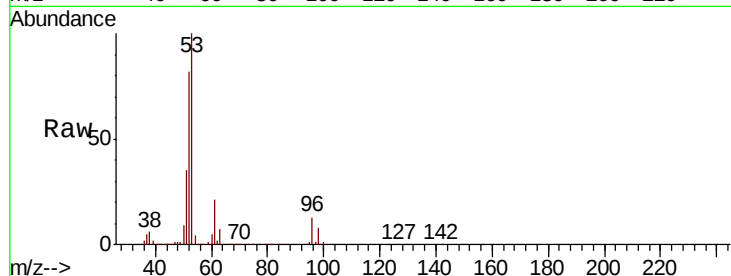
Tot Ion: 53 Resp: 528823

Ion Ratio Lower Upper

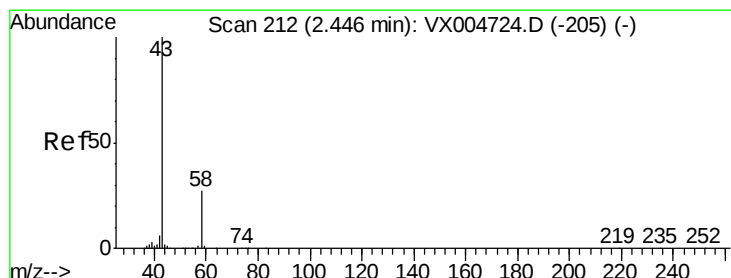
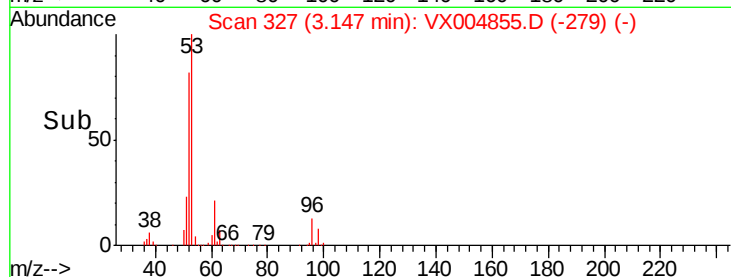
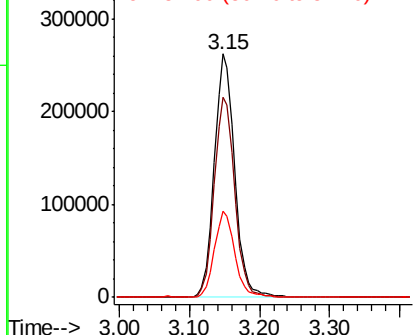
53 100

52 82.7 65.2 97.8

51 35.7 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: 260.745 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX004855.D

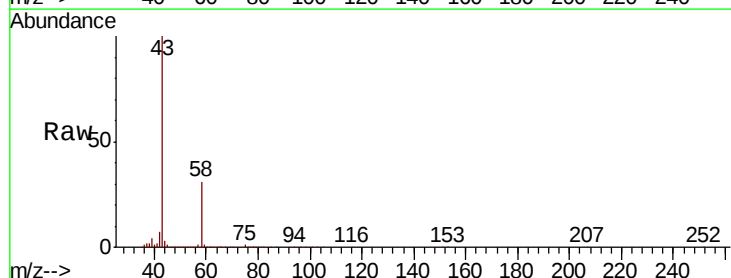
Acq: 29 Sep 2018 07:12

Tgt Ion: 43 Resp: 471249

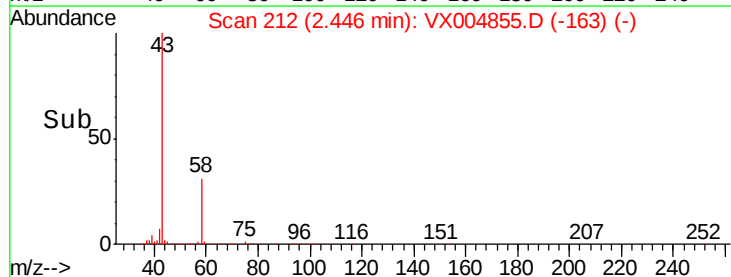
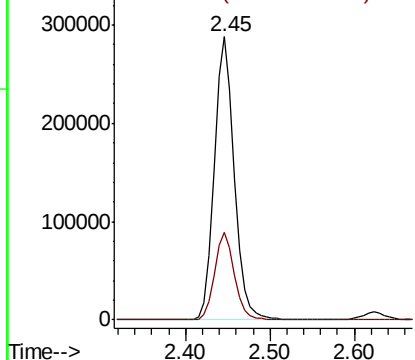
Ion Ratio Lower Upper

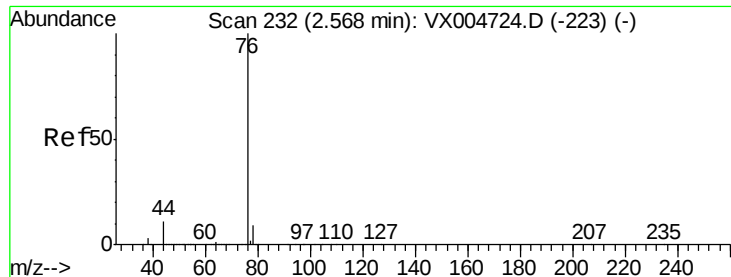
43 100

58 30.8 26.2 39.4



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

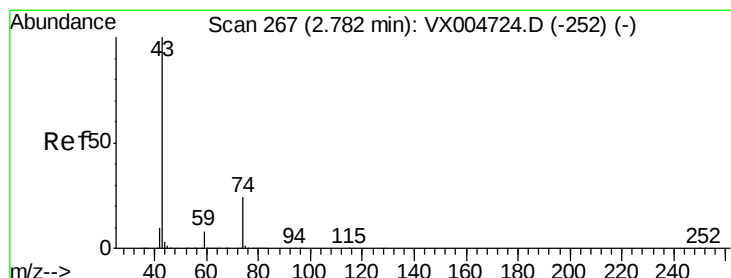
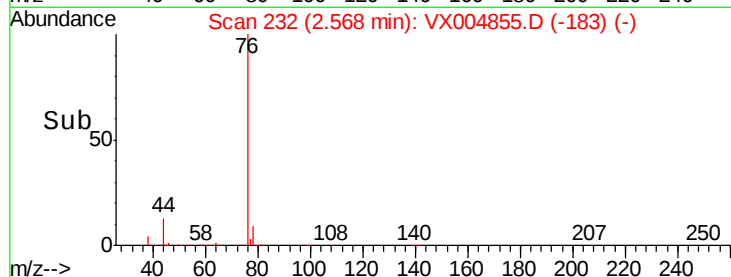
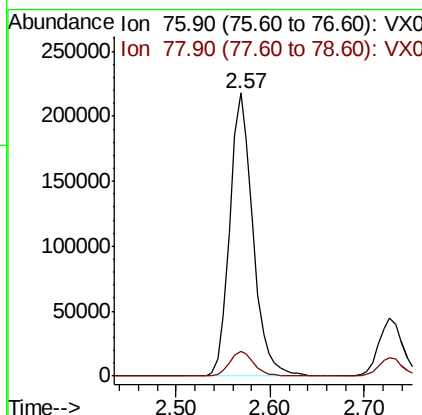
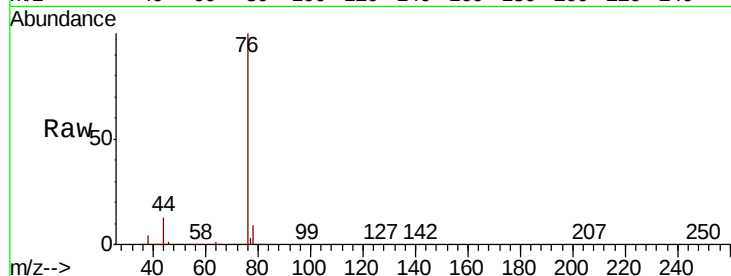




#17
Carbon Disulfide
Concen: 52.835 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX004855.D
Acq: 29 Sep 2018 07:12

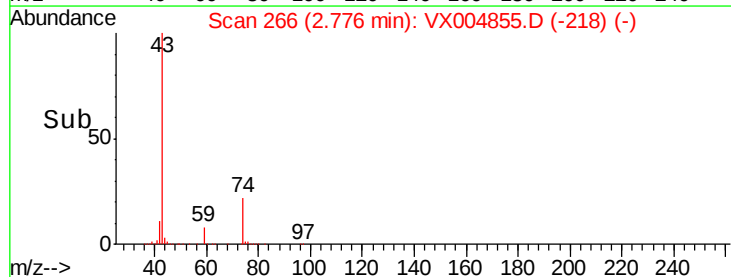
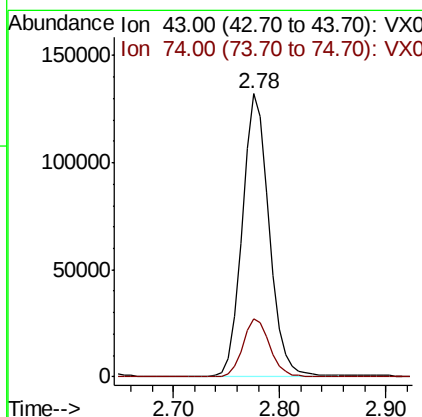
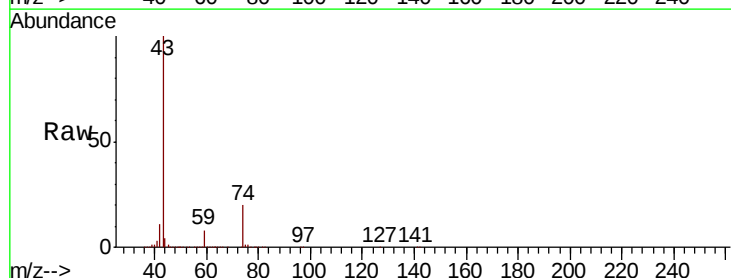
Instrument :
MSVOA_X
ClientSampleId :
SA-TW505-0913MS

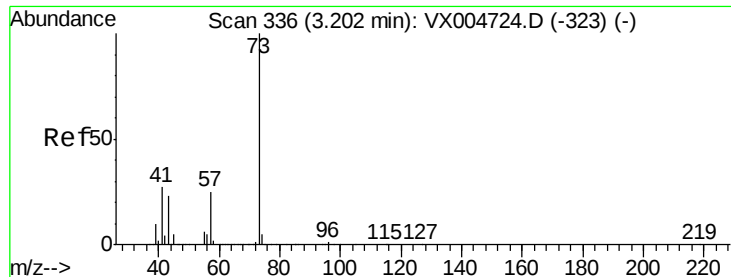
Tot Ion: 76 Resp: 372789
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.6



#18
Methyl Acetate
Concen: 51.077 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX004855.D
Acq: 29 Sep 2018 07:12

Tgt Ion: 43 Resp: 233883
Ion Ratio Lower Upper
43 100
74 20.5 19.4 29.2

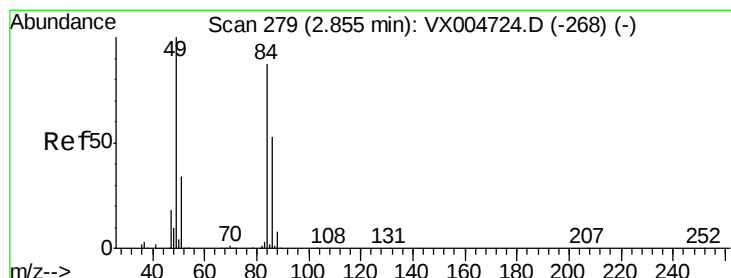
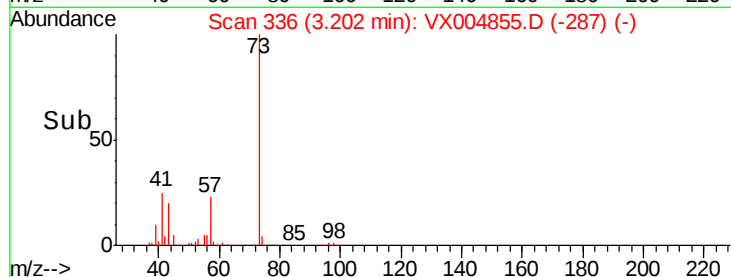
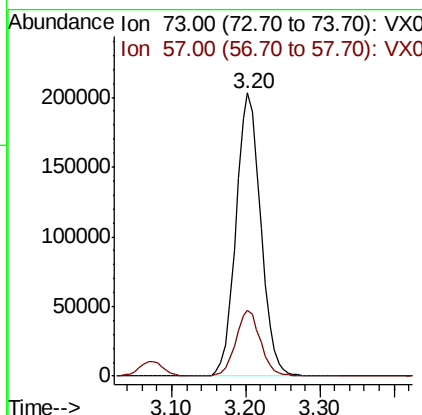
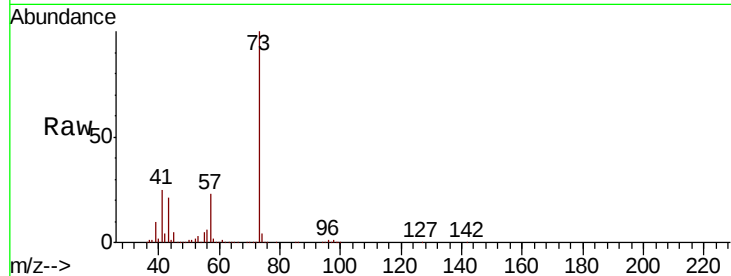




#19
Methvl tert-butvl Ether
Concen: 58.561 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX004855.D
Acq: 29 Sep 2018 07:12

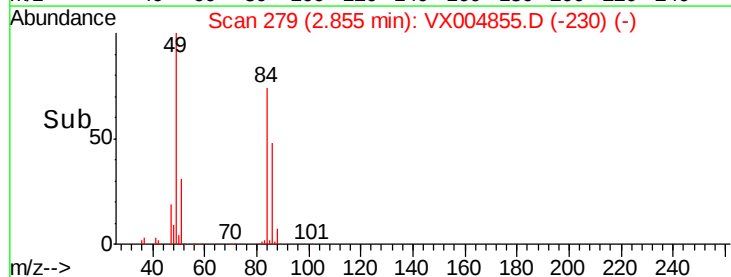
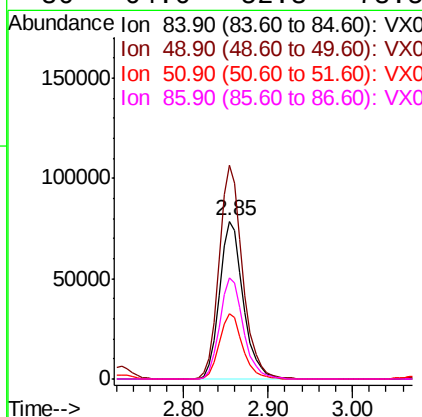
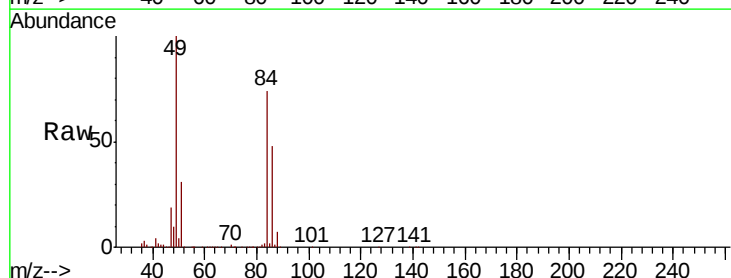
Instrument :
MSVOA_X
ClientSampleId :
SA-TW505-0913MS

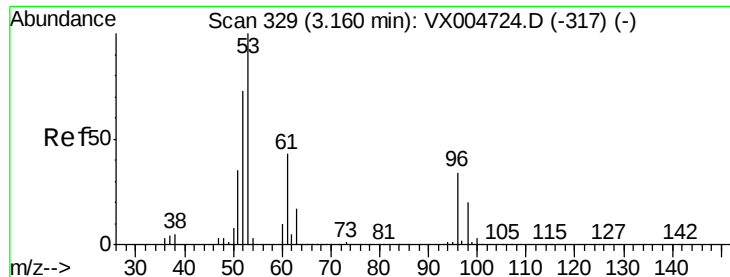
Tot Ion: 73 Resp: 474310
Ion Ratio Lower Upper
73 100
57 23.0 17.1 25.7



#20
Methylene Chloride
Concen: 58.050 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX004855.D
Acq: 29 Sep 2018 07:12

Tgt Ion: 84 Resp: 152187
Ion Ratio Lower Upper
84 100
49 135.6 101.2 151.8
51 41.4 29.5 44.3
86 64.6 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 53.904 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX004855.D

Acq: 29 Sep 2018 07:12

Instrument :

MSVOA_X

ClientSampleId :

SA-TW505-0913MS

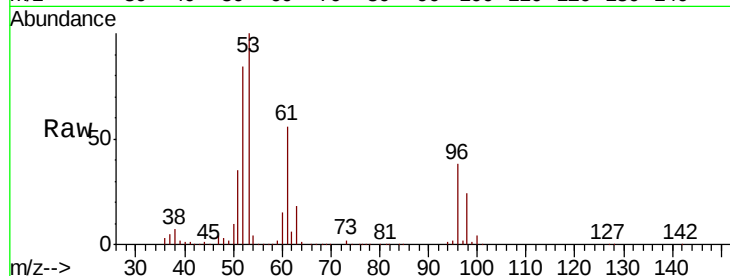
Tot Ion: 96 Resp: 138555

Ion Ratio Lower Upper

96 100

61 149.3 113.8 170.6

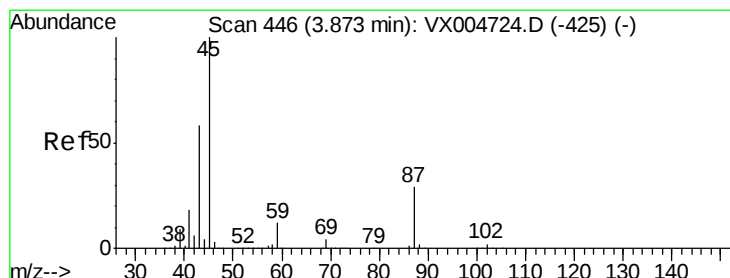
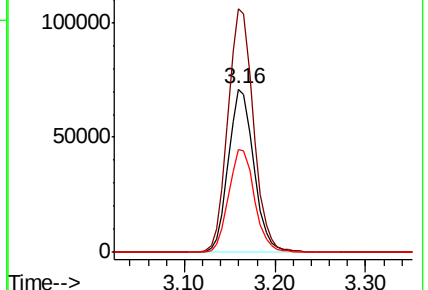
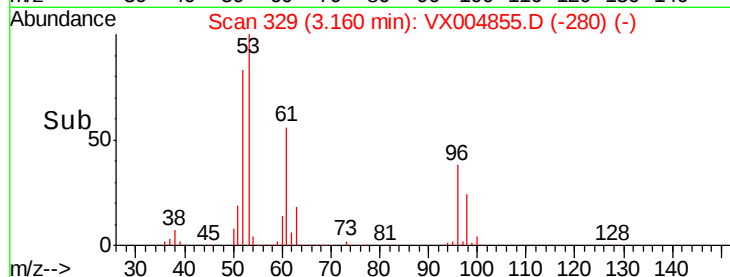
98 63.3 51.8 77.8



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: 56.912 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.01 min

Lab File: VX004855.D

Acq: 29 Sep 2018 07:12

Tgt Ion: 45 Resp: 490995

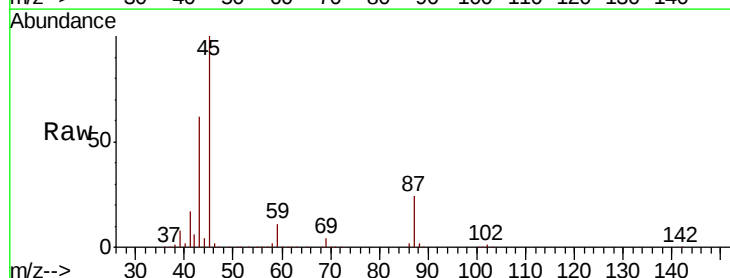
Ion Ratio Lower Upper

45 100

43 61.8 42.8 64.2

87 24.4 22.6 34.0

59 11.3 9.6 14.4

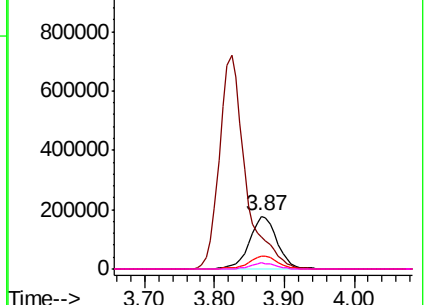
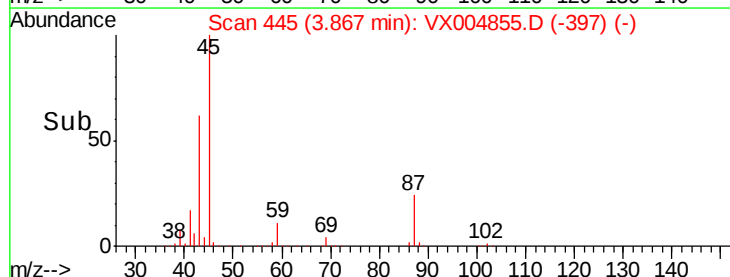


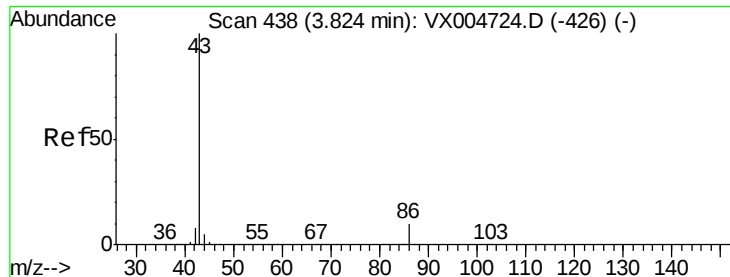
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 237.333 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX004855.D

Acq: 29 Sep 2018 07:12

Instrument :

MSVOA_X

ClientSampleId :

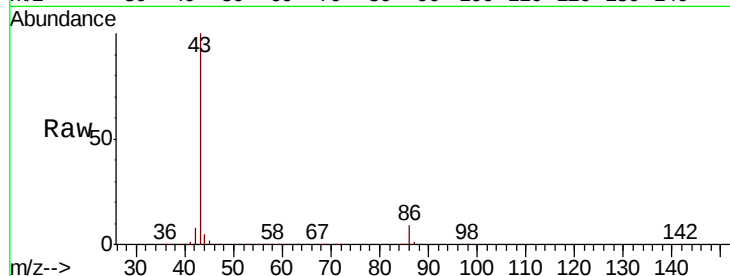
SA-TW505-0913MS

Tot Ion: 43 Resp: 1874236

Ion Ratio Lower Upper

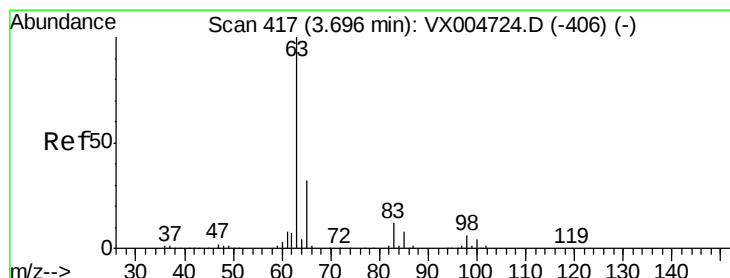
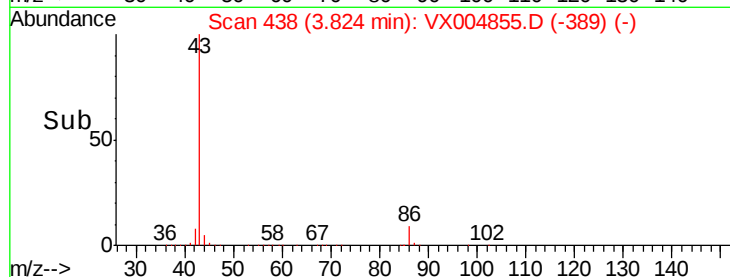
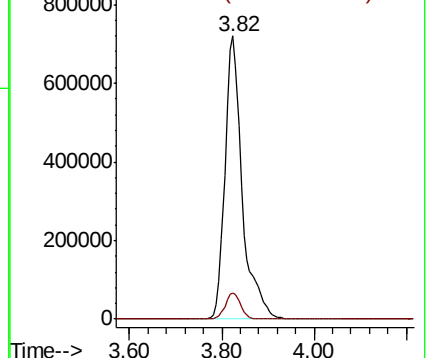
43 100

86 9.3 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 53.127 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX004855.D

Acq: 29 Sep 2018 07:12

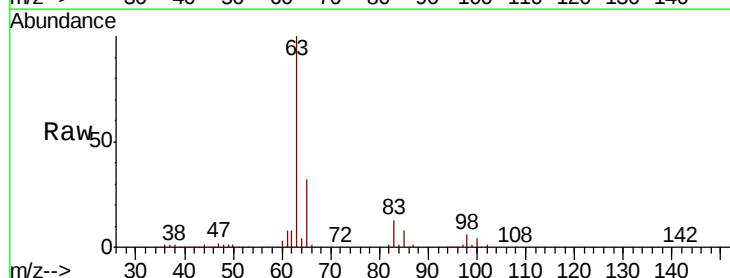
Tgt Ion: 63 Resp: 273406

Ion Ratio Lower Upper

63 100

98 6.4 3.5 10.4

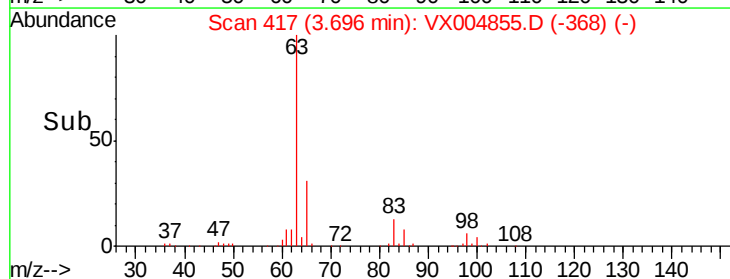
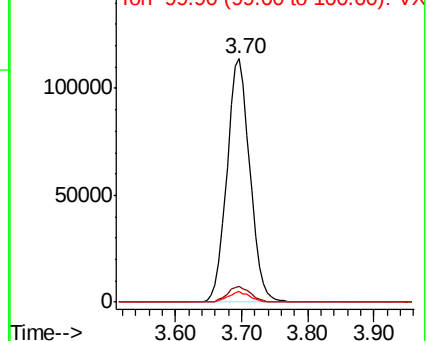
100 4.1 2.4 7.1

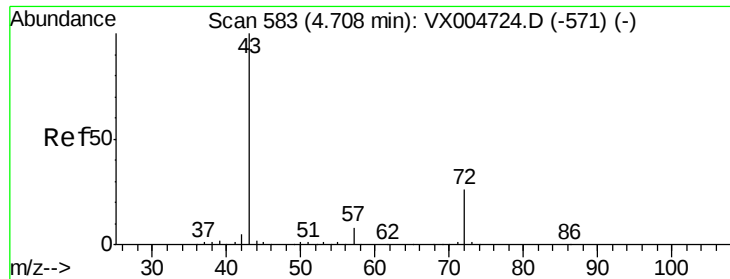


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 266.825 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX004855.D

Acq: 29 Sep 2018 07:12

Instrument :

MSVOA_X

ClientSampleId :

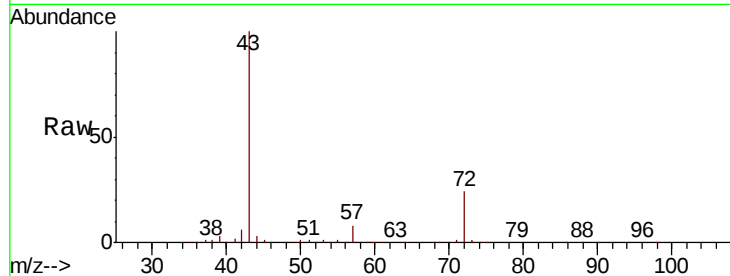
SA-TW505-0913MS

Tot Ion: 43 Resp: 710831

Ion Ratio Lower Upper

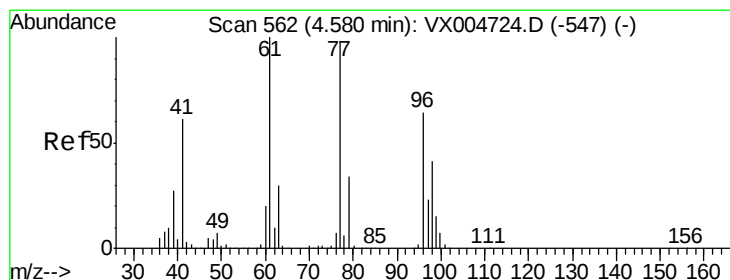
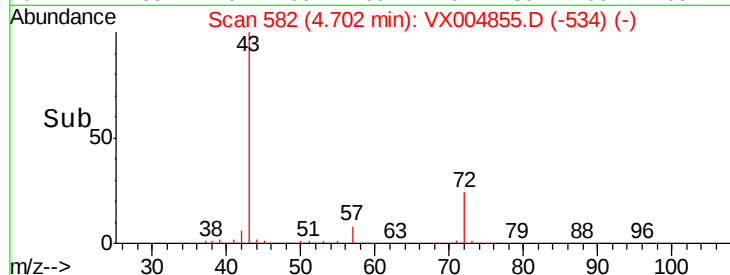
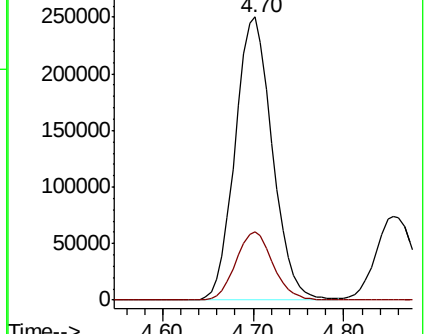
43 100

72 24.2 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: 36.072 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX004855.D

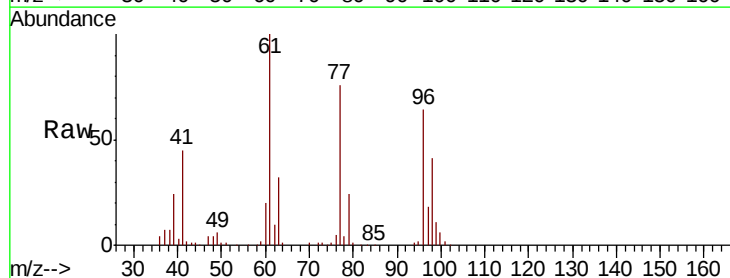
Acq: 29 Sep 2018 07:12

Tgt Ion: 77 Resp: 129269

Ion Ratio Lower Upper

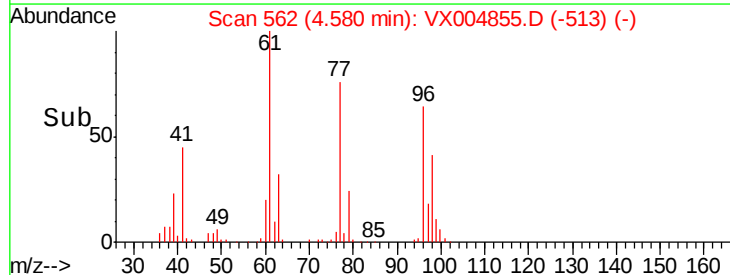
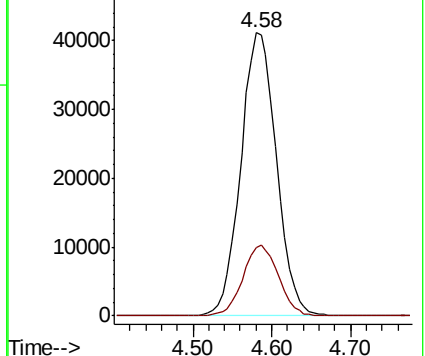
77 100

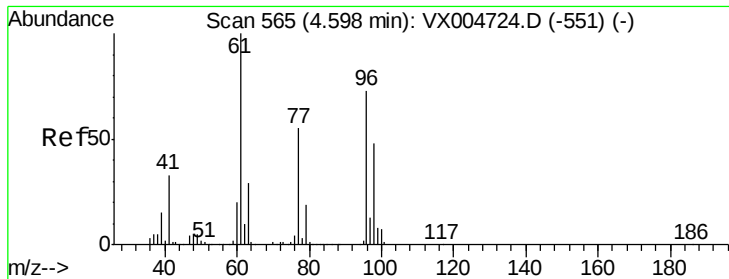
97 24.9 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



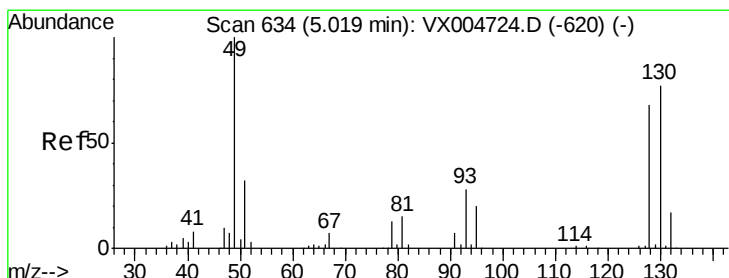
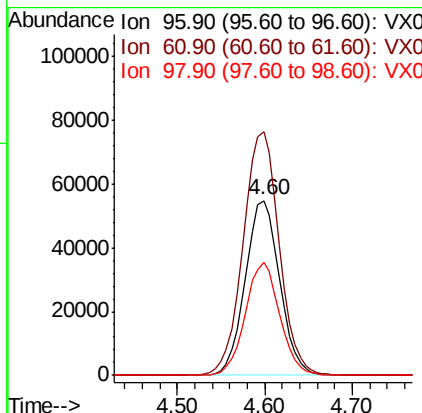
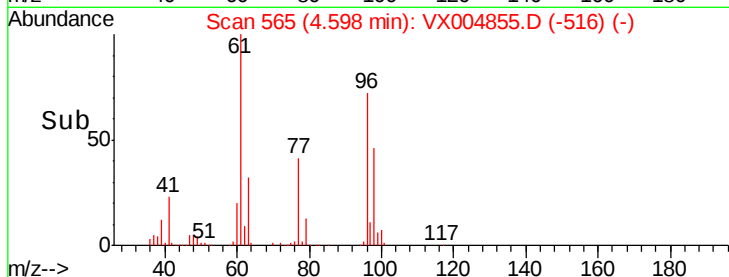
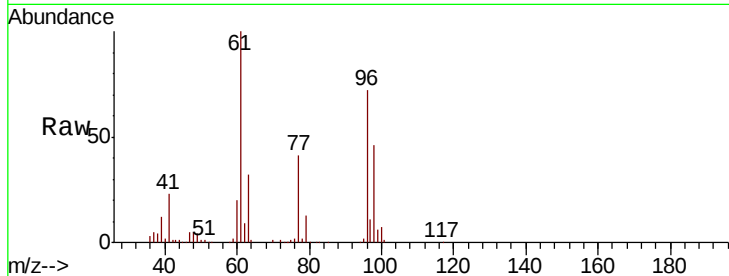


#27

cis-1,2-Dichloroethene
Concen: 52.450 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX004855.D
Acq: 29 Sep 2018 07:12

Instrument :
MSVOA_X
ClientSampleId :
SA-TW505-0913MS

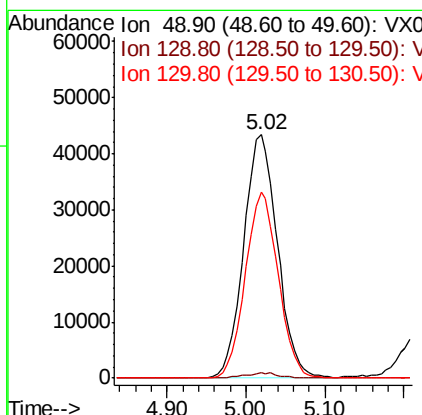
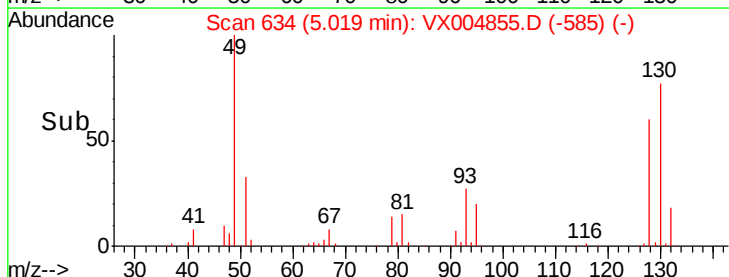
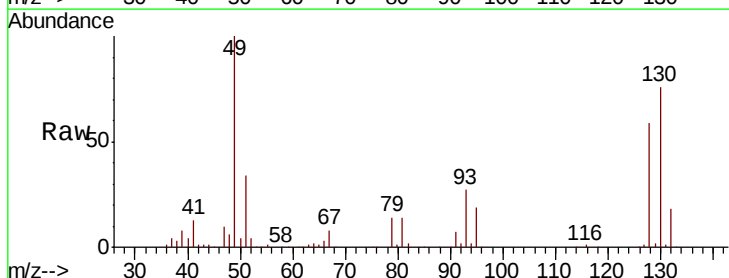
Tot Ion: 96 Resp: 150609
Ion Ratio Lower Upper
96 100
61 146.1 0.0 282.6
98 64.4 0.0 130.2

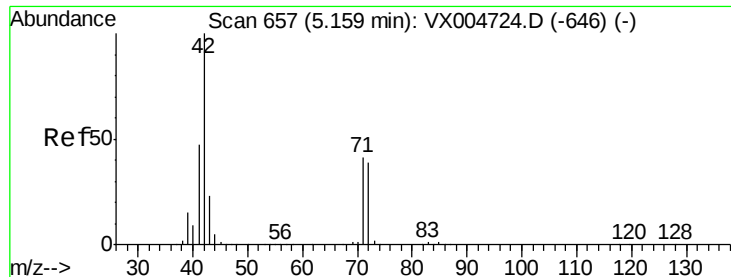


#28

Bromochloromethane
Concen: 53.393 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX004855.D
Acq: 29 Sep 2018 07:12

Tgt Ion: 49 Resp: 129394
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.2
130 74.5 67.5 101.3





#29

Tetrahydrofuran

Concen: 282.077 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX004855.D

Acq: 29 Sep 2018 07:12

Instrument :

MSVOA_X

ClientSampleId :

SA-TW505-0913MS

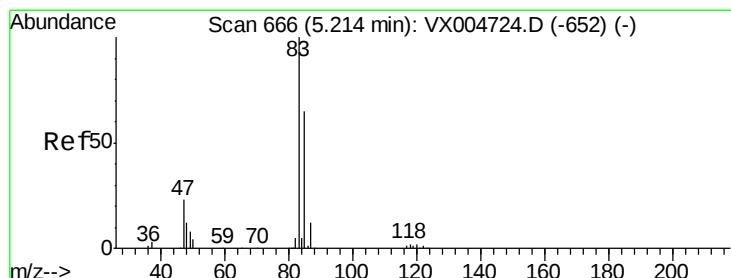
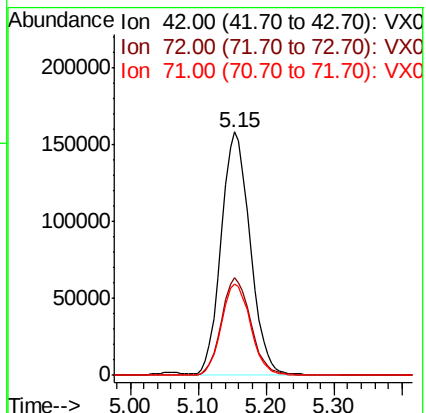
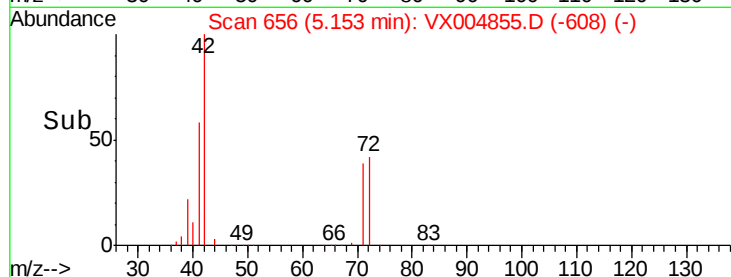
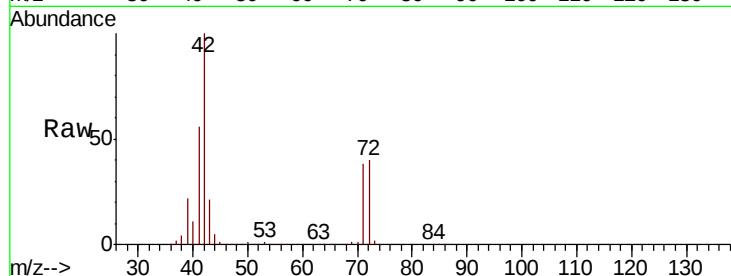
Tot Ion: 42 Resp: 467062

Ion Ratio Lower Upper

42 100

72 40.6 37.4 56.0

71 37.9 34.5 51.7



#30

Chloroform

Concen: 53.634 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX004855.D

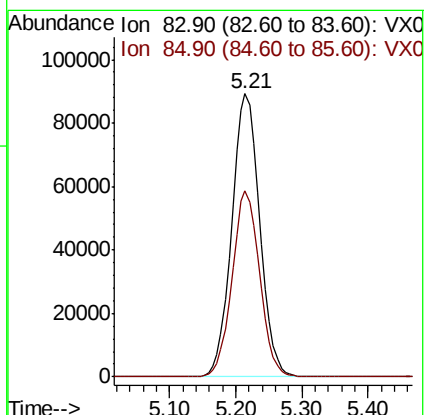
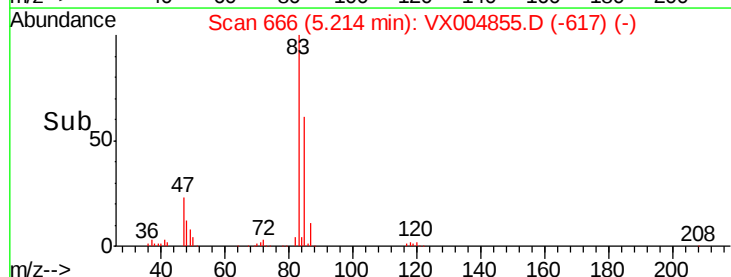
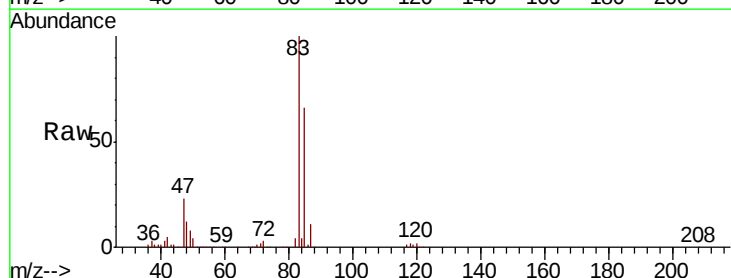
Acq: 29 Sep 2018 07:12

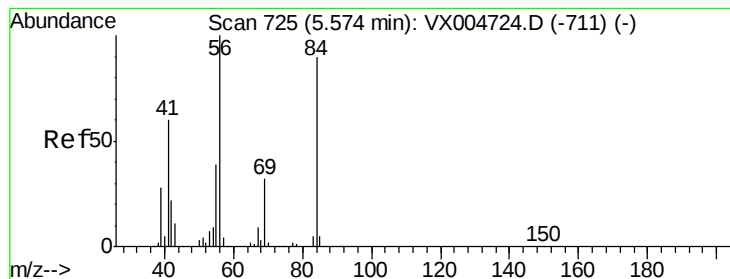
Tgt Ion: 83 Resp: 260864

Ion Ratio Lower Upper

83 100

85 65.5 52.6 79.0





#31

Cyclohexane

Concen: 58.716 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX004855.D

Acq: 29 Sep 2018 07:12

Instrument :
MSVOA_X
ClientSampleId :
SA-TW505-0913MS

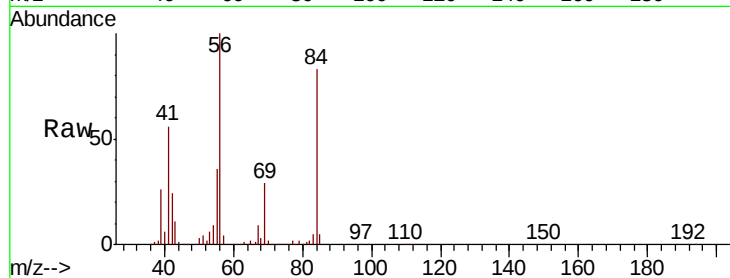
Tot Ion: 56 Resp: 231272

Ion Ratio Lower Upper

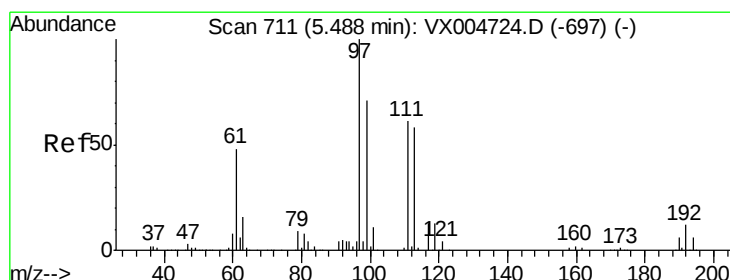
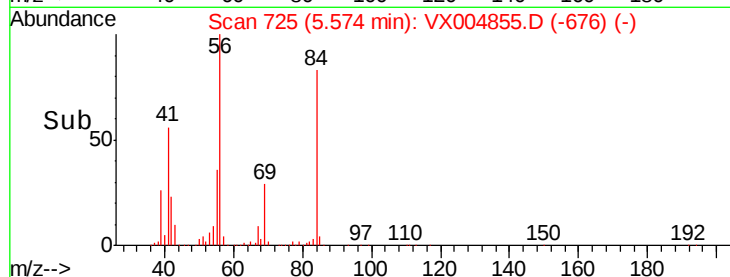
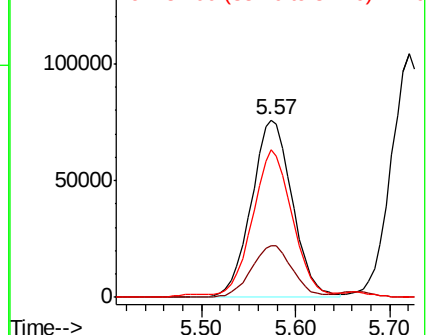
56 100

69 28.9 25.4 38.2

84 81.5 71.4 107.2



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



#32

1,1,1-Trichloroethane

Concen: 55.568 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.01 min

Lab File: VX004855.D

Acq: 29 Sep 2018 07:12

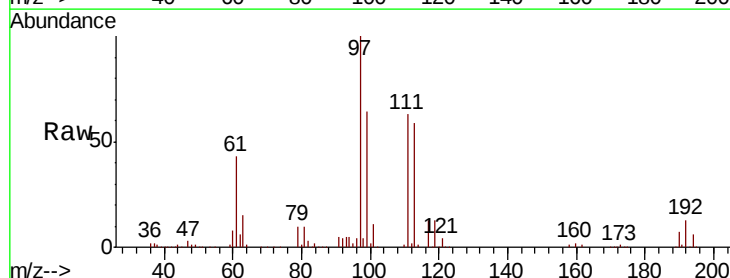
Tgt Ion: 97 Resp: 220722

Ion Ratio Lower Upper

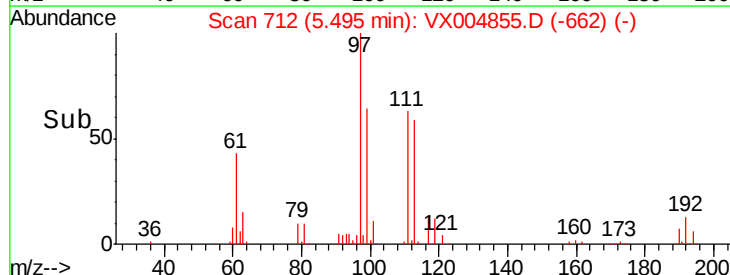
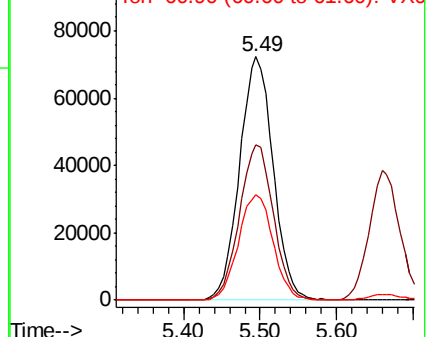
97 100

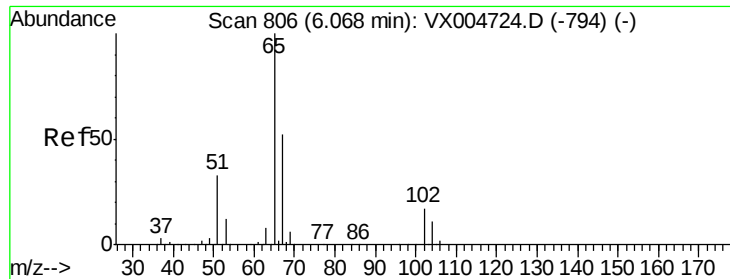
99 64.3 52.0 78.0

61 44.7 34.9 52.3



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

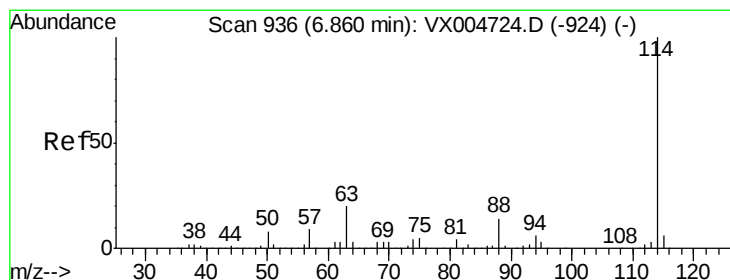
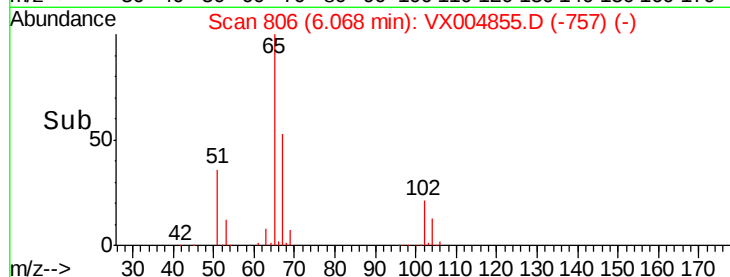
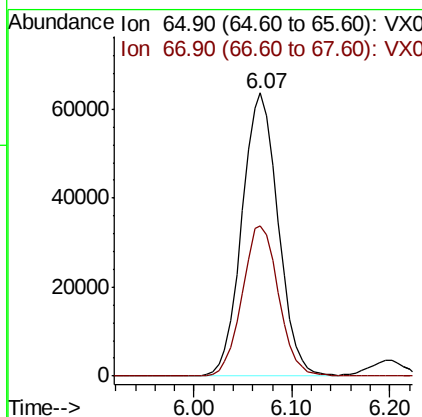
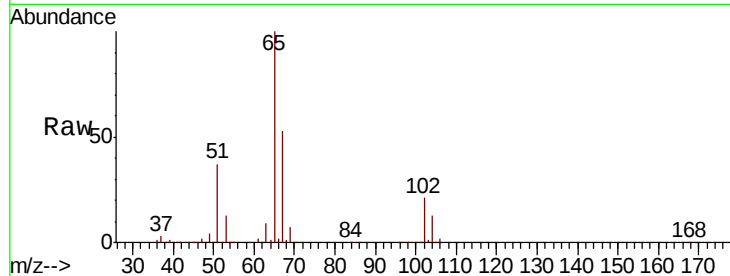




#33
 1,2-Dichloroethane-d4
 Concen: 52.960 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX004855.D
 Acq: 29 Sep 2018 07:12

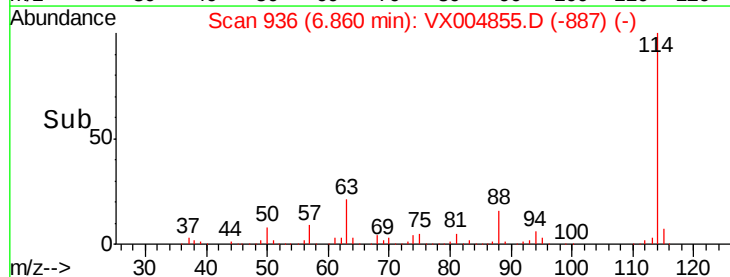
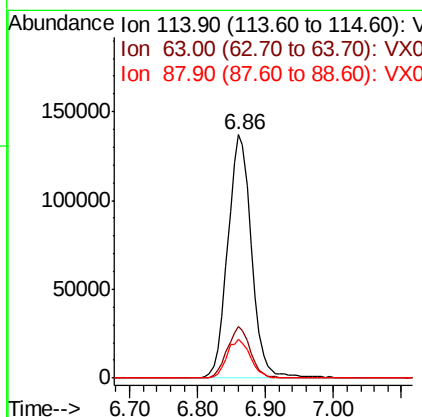
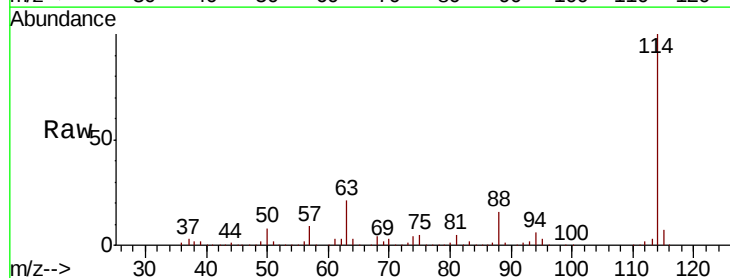
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW505-0913MS

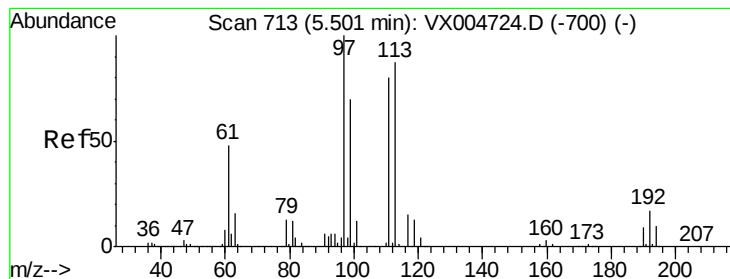
Tot Ion: 65 Resp: 163946
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX004855.D
 Acq: 29 Sep 2018 07:12

Tgt Ion: 114 Resp: 331526
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 39.0
 88 16.0 0.0 30.4





#35

Dibromofluoromethane

Concen: 47.821 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX004855.D

Acq: 29 Sep 2018 07:12

Instrument :

MSVOA_X

ClientSampleId :

SA-TW505-0913MS

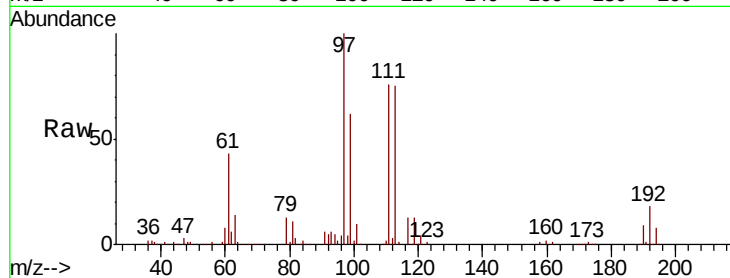
Tot Ion:113 Resp: 134365

Ion Ratio Lower Upper

113 100

111 101.6 82.4 123.6

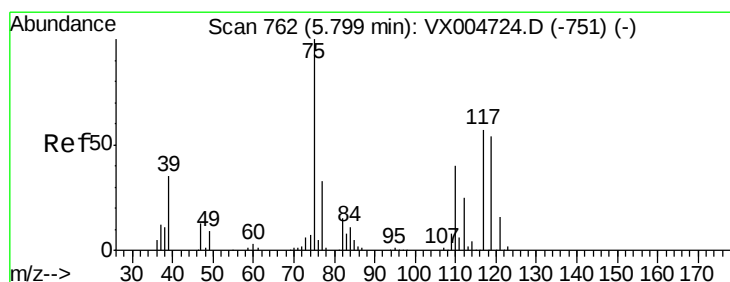
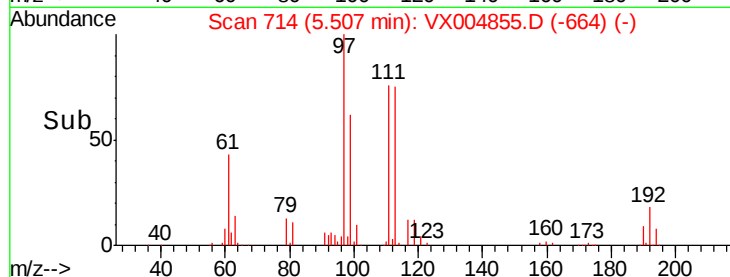
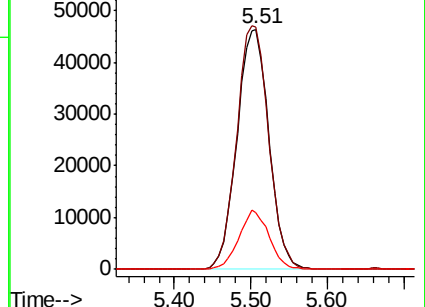
192 23.1 19.4 29.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 49.821 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX004855.D

Acq: 29 Sep 2018 07:12

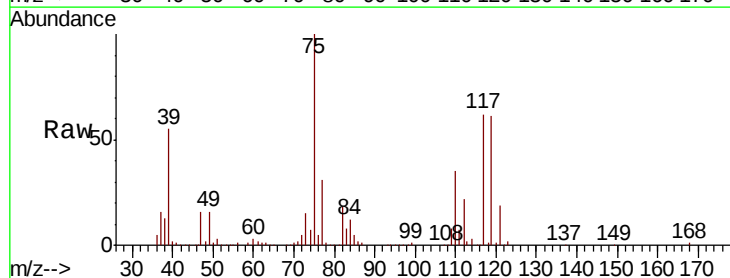
Tgt Ion: 75 Resp: 190990

Ion Ratio Lower Upper

75 100

110 35.5 18.0 54.0

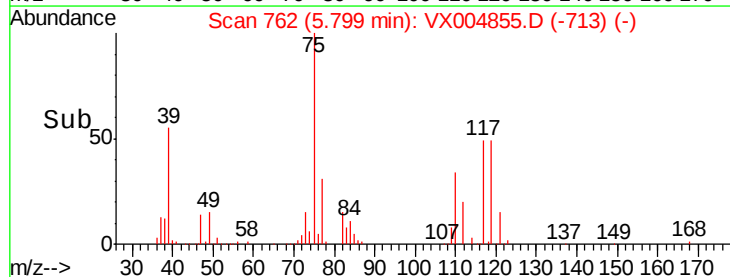
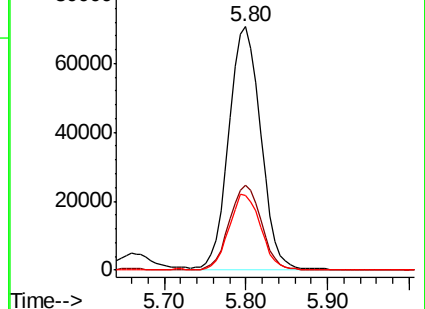
77 30.7 24.6 36.8

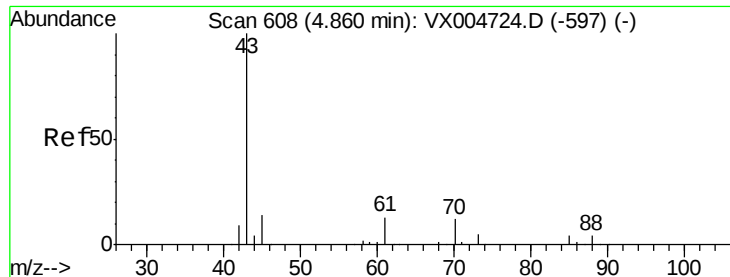


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 43.640 ug/l

RT: 4.85 min Scan# 607

Delta R.T. -0.01 min

Lab File: VX004855.D

Acq: 29 Sep 2018 07:12

Instrument :

MSVOA_X

ClientSampleId :

SA-TW505-0913MS

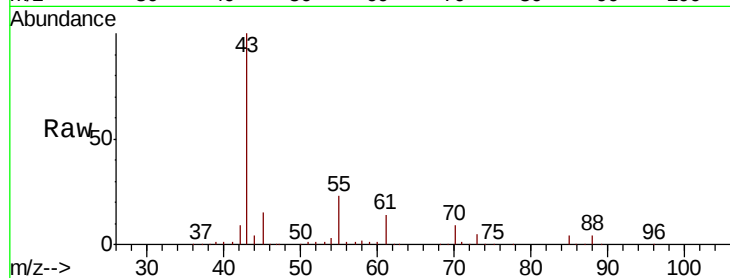
Tot Ion: 43 Resp: 222069

Ion Ratio Lower Upper

43 100

61 13.6 11.5 17.3

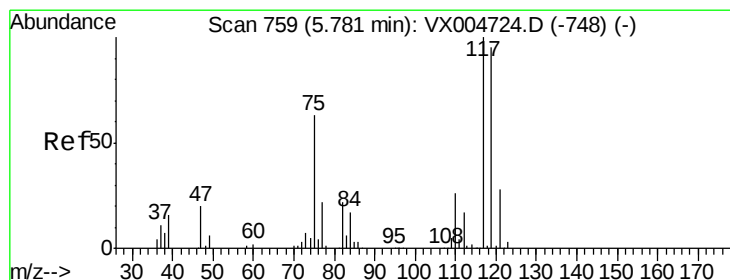
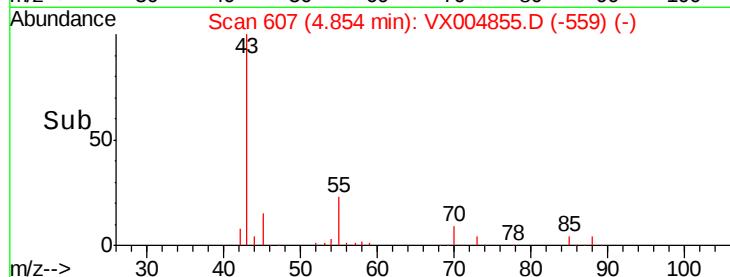
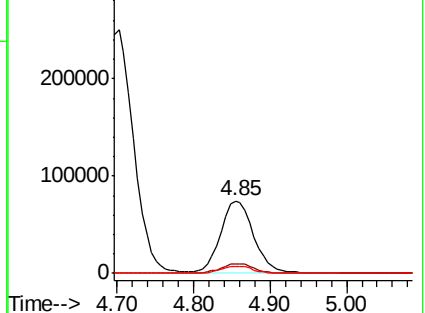
70 9.6 9.0 13.6



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: 47.857 ug/l

RT: 5.78 min Scan# 759

Delta R.T. 0.00 min

Lab File: VX004855.D

Acq: 29 Sep 2018 07:12

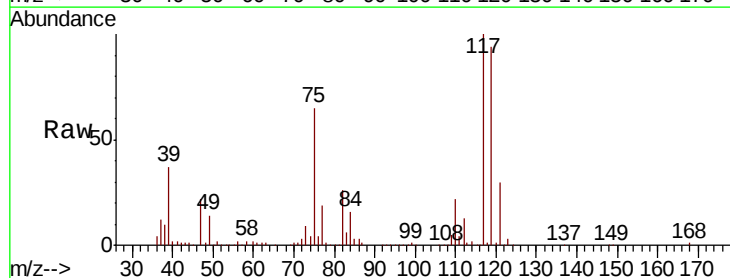
Tgt Ion: 117 Resp: 192850

Ion Ratio Lower Upper

117 100

119 93.9 78.8 118.2

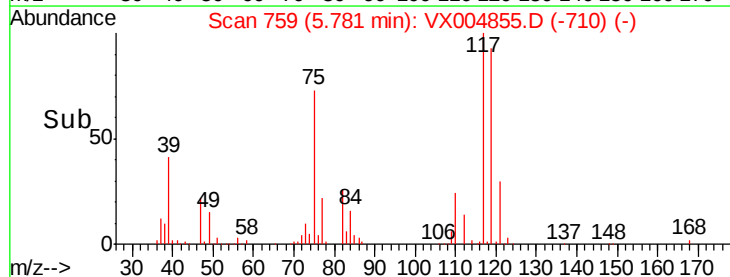
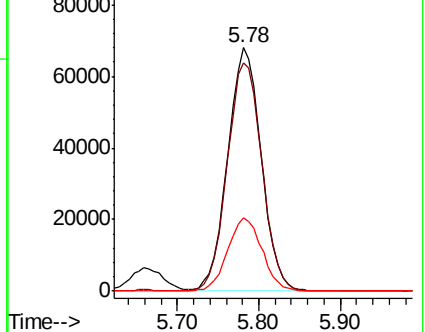
121 30.2 24.9 37.3

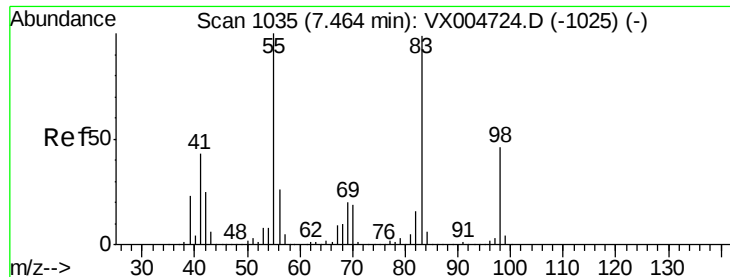


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

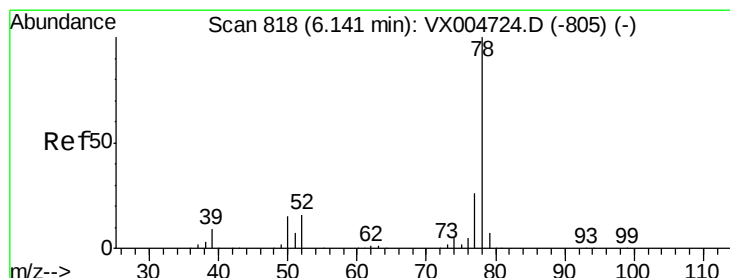
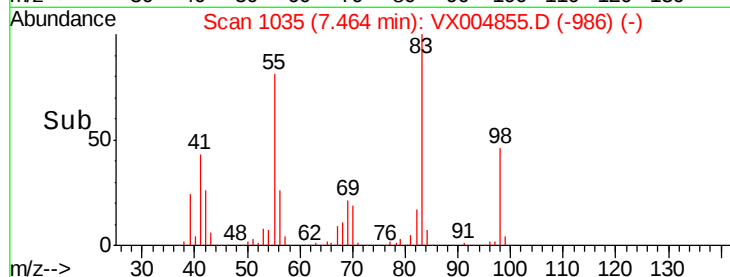
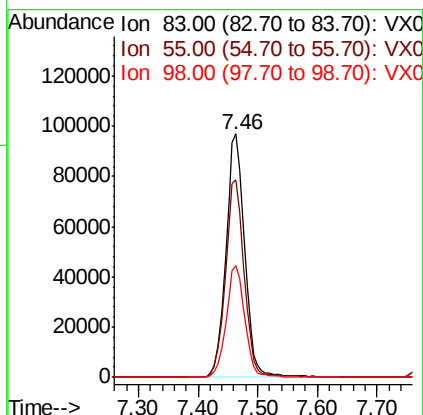
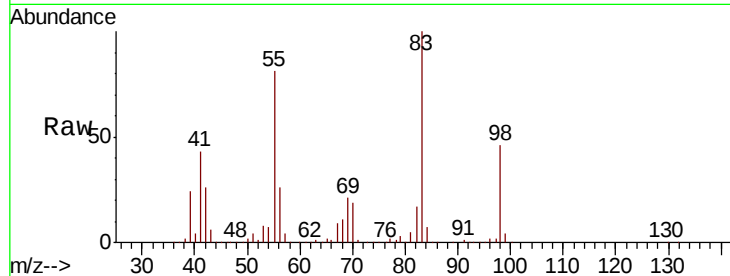




#39
Methylvlcvclohexane
Concen: 54.211 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX004855.D
Acq: 29 Sep 2018 07:12

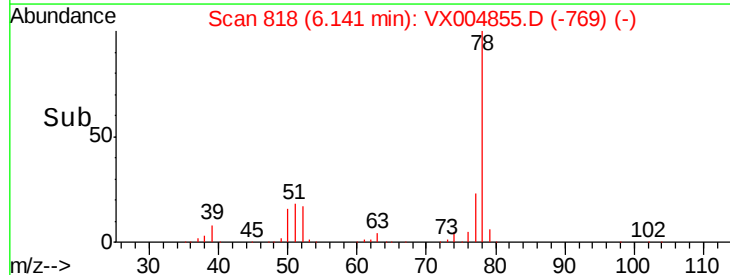
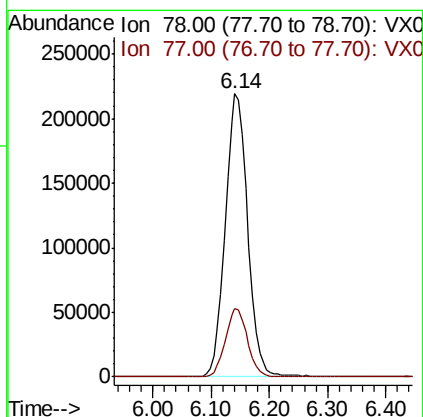
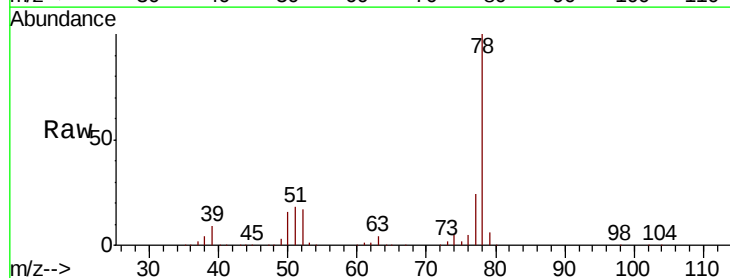
Instrument :
MSVOA_X
ClientSampleId :
SA-TW505-0913MS

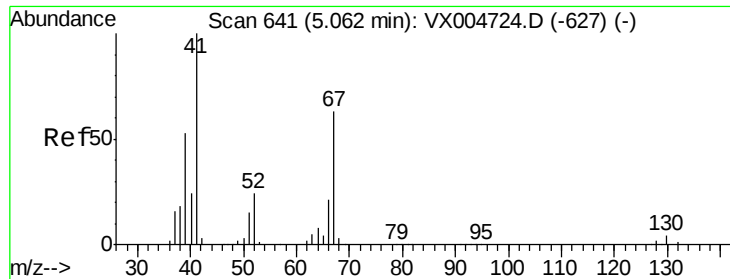
Tot Ion: 83 Resp: 212205
Ion Ratio Lower Upper
83 100
55 80.9 61.0 91.4
98 45.7 39.6 59.4



#40
Benzene
Concen: 48.812 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX004855.D
Acq: 29 Sep 2018 07:12

Tgt Ion: 78 Resp: 585812
Ion Ratio Lower Upper
78 100
77 24.1 19.0 28.4

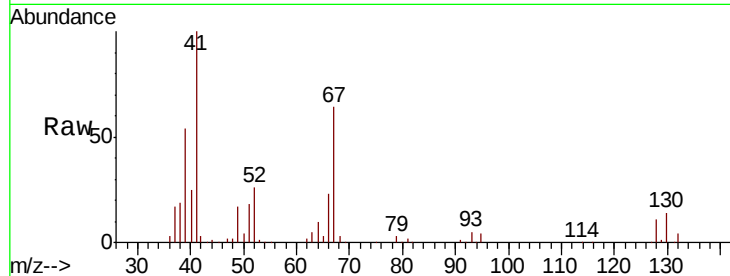




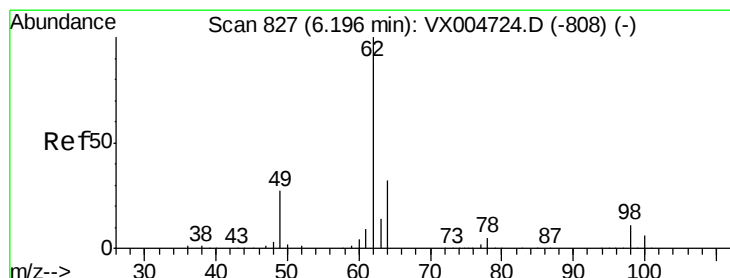
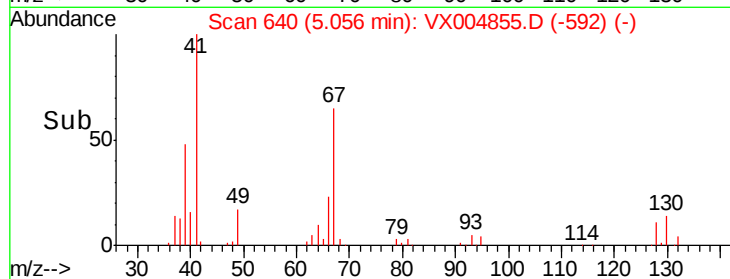
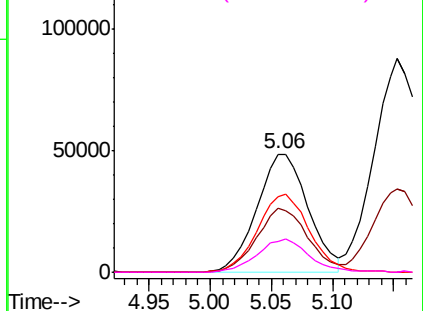
#41
Methacrylonitrile
Concen: 50.321 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX004855.D
Acq: 29 Sep 2018 07:12

Instrument :
MSVOA_X
ClientSampleId :
SA-TW505-0913MS

Tot Ion:	41	Resp:	142007
Ion	Ratio	Lower	Upper
41	100		
39	53.5	42.4	63.6
67	67.1	59.2	88.8
52	28.1	23.0	34.4

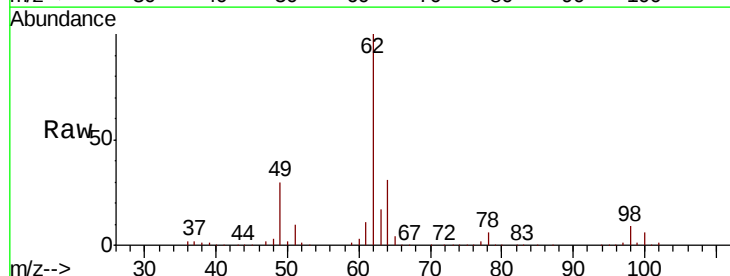


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

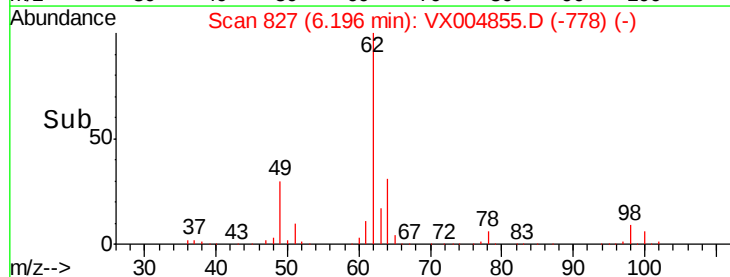
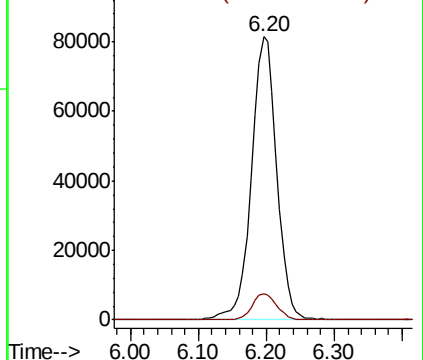


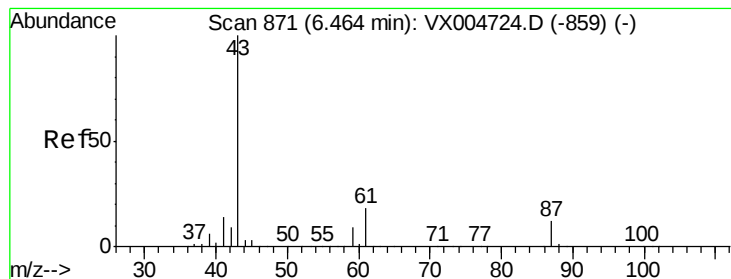
#42
1,2-Dichloroethane
Concen: 49.750 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX004855.D
Acq: 29 Sep 2018 07:12

Tgt Ion:	62	Resp:	211072
Ion	Ratio	Lower	Upper
62	100		
98	9.1	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: 47.249 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.00 min

Lab File: VX004855.D

Acq: 29 Sep 2018 07:12

Instrument :

MSVOA_X

ClientSampleId :

SA-TW505-0913MS

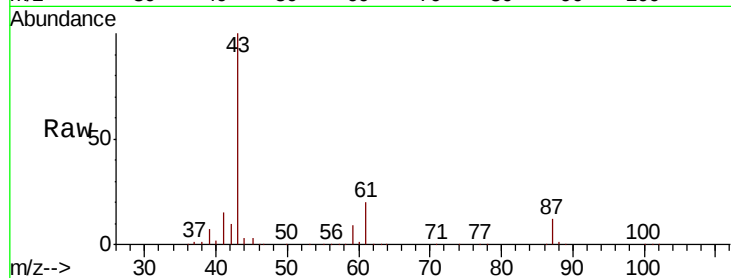
Tot Ion: 43 Resp: 347030

Ion Ratio Lower Upper

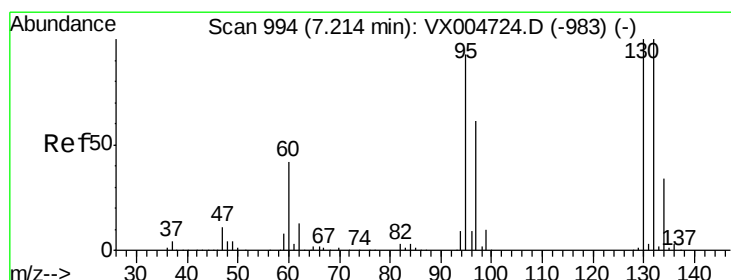
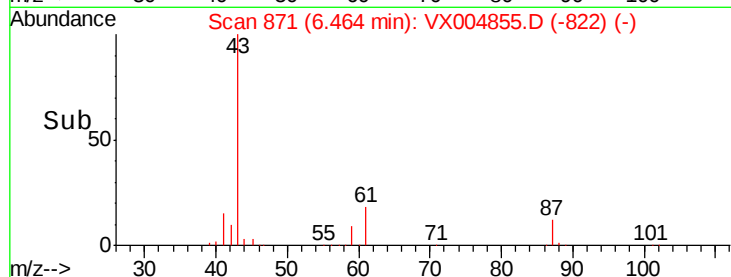
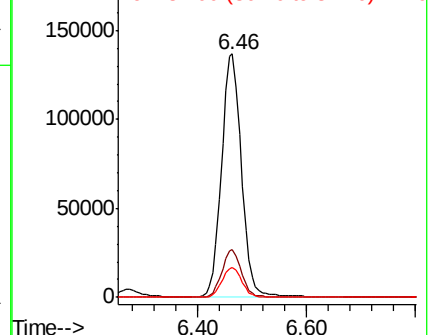
43 100

61 19.5 17.0 25.4

87 12.3 11.4 17.2



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



#44

Trichloroethene

Concen: 52.243 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX004855.D

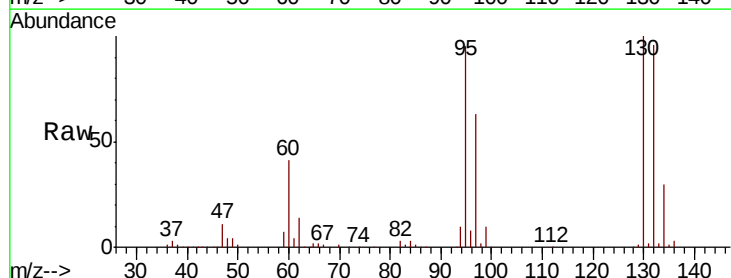
Acq: 29 Sep 2018 07:12

Tgt Ion:130 Resp: 154135

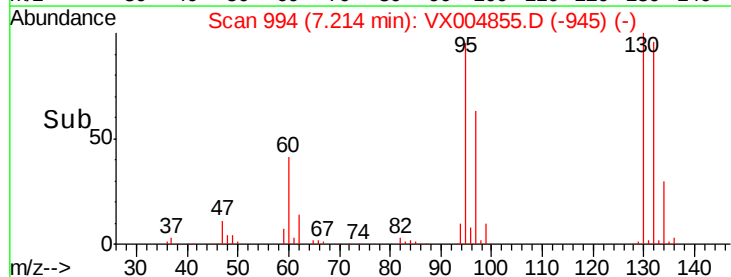
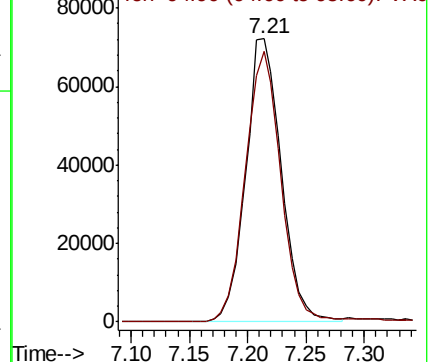
Ion Ratio Lower Upper

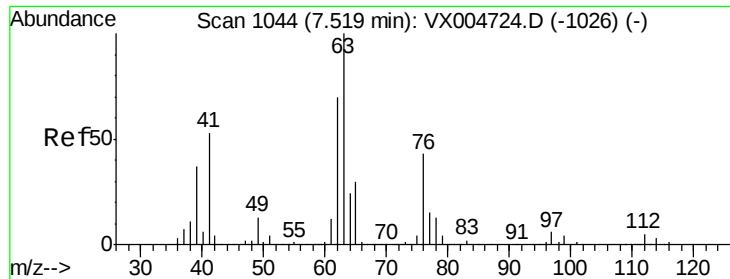
130 100

95 95.4 0.0 181.6



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





#45

1,2-Dichloropropane

Concen: 54.831 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VX004855.D

Acq: 29 Sep 2018 07:12

Instrument :

MSVOA_X

ClientSampleId :

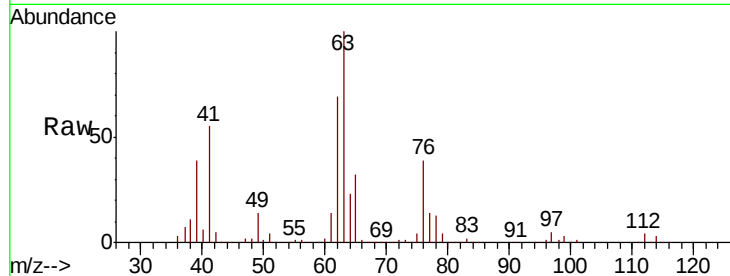
SA-TW505-0913MS

Tot Ion: 63 Resp: 161377

Ion Ratio Lower Upper

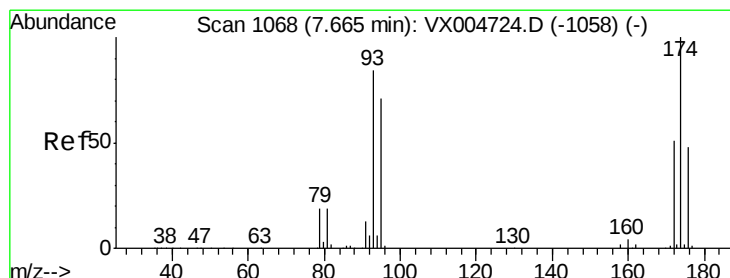
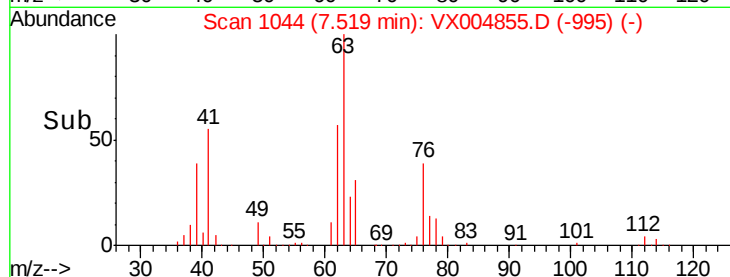
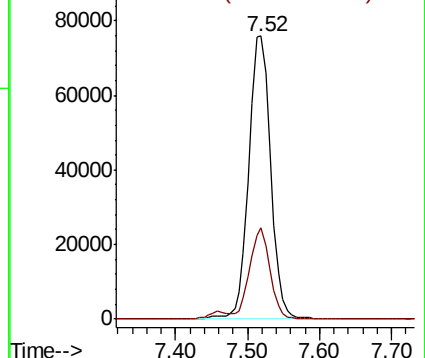
63 100

65 32.1 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 54.623 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.00 min

Lab File: VX004855.D

Acq: 29 Sep 2018 07:12

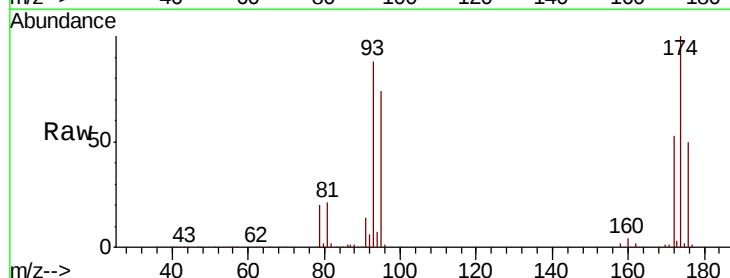
Tgt Ion: 93 Resp: 101034

Ion Ratio Lower Upper

93 100

95 83.0 65.5 98.3

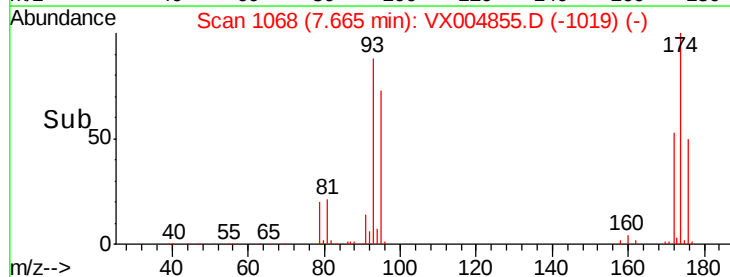
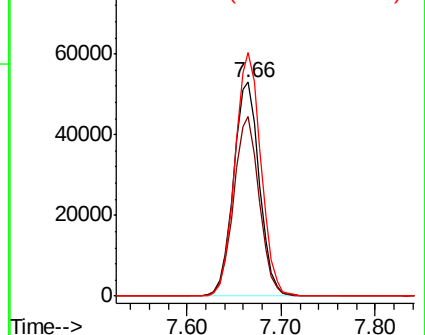
174 114.0 94.2 141.4

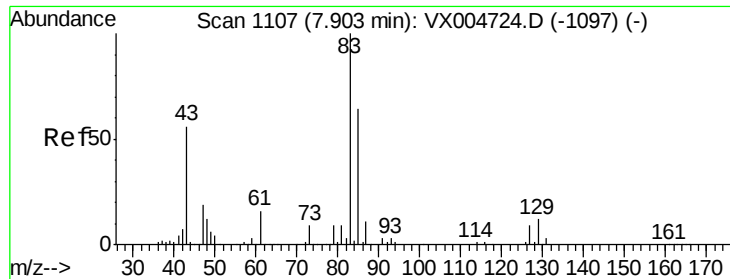


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 55.871 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.01 min

Lab File: VX004855.D

Acq: 29 Sep 2018 07:12

Instrument :

MSVOA_X

ClientSampleId :

SA-TW505-0913MS

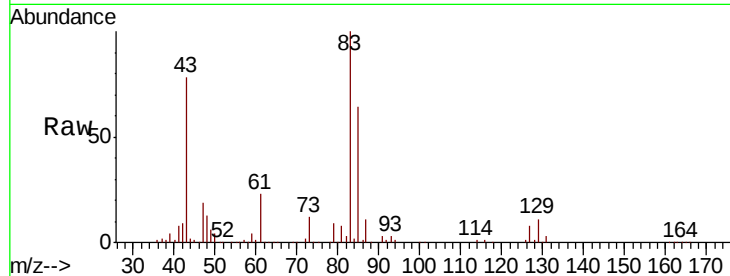
Tot Ion: 83 Resp: 193485

Ion Ratio Lower Upper

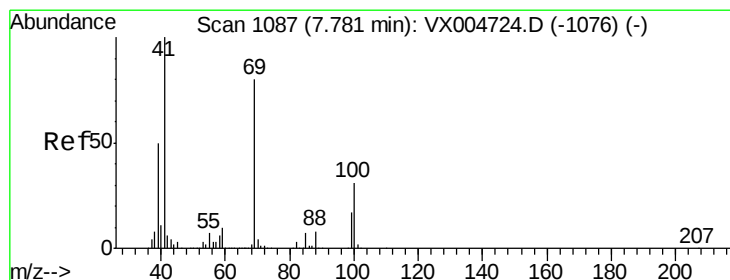
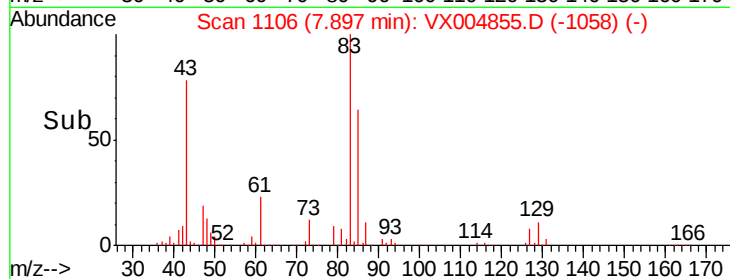
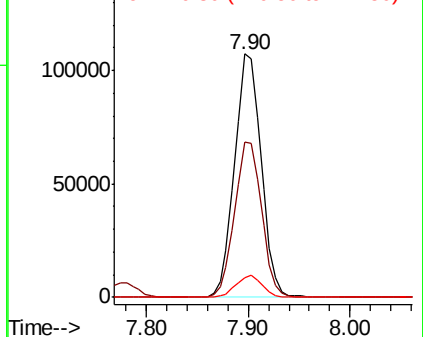
83 100

85 63.6 50.9 76.3

127 8.3 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: 60.131 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.01 min

Lab File: VX004855.D

Acq: 29 Sep 2018 07:12

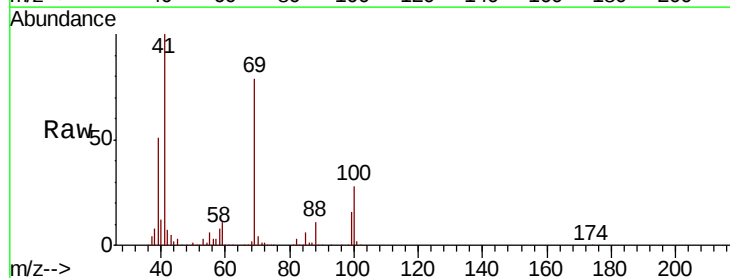
Tgt Ion: 41 Resp: 200455

Ion Ratio Lower Upper

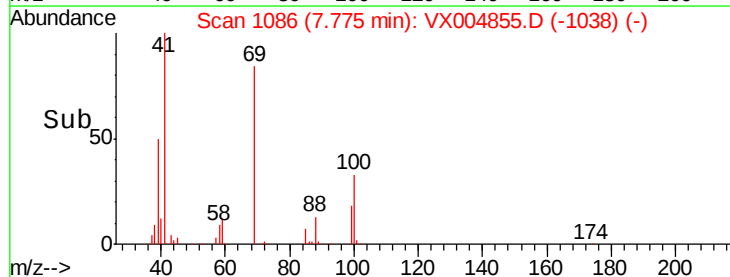
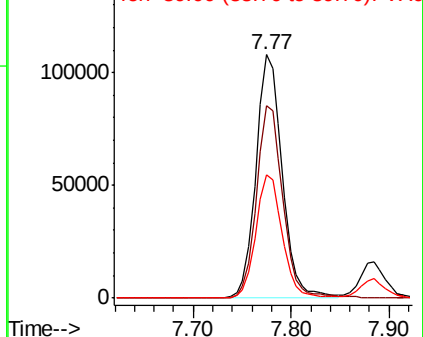
41 100

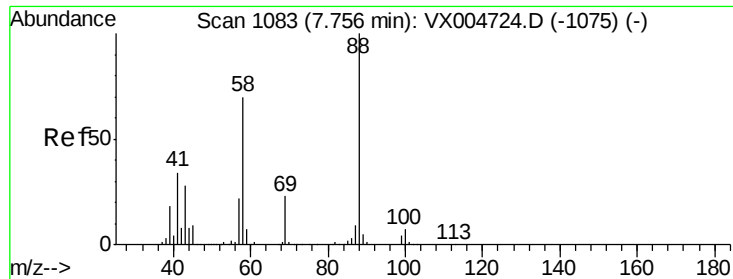
69 79.8 70.2 105.4

39 51.3 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

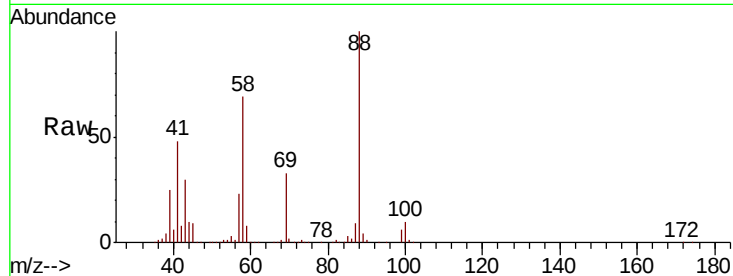




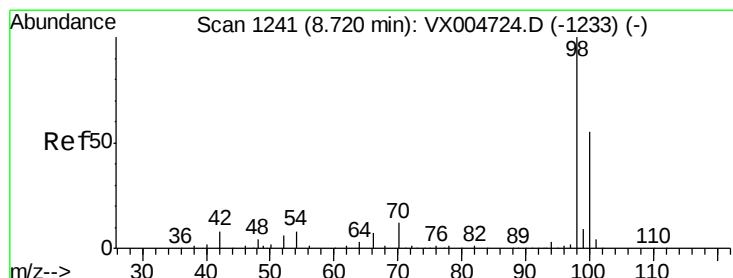
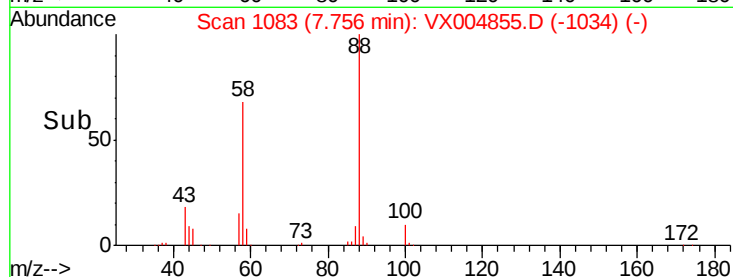
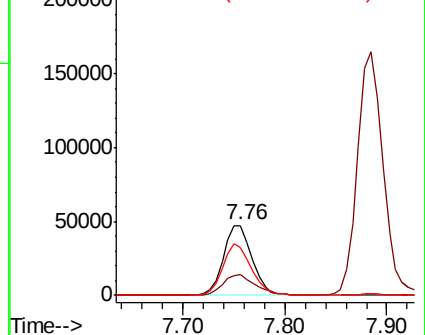
#49
1,4-Dioxane
Concen: 1113.437 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.00 min
Lab File: VX004855.D
Acq: 29 Sep 2018 07:12

Instrument :
MSVOA_X
ClientSampleId :
SA-TW505-0913MS

Tot Ion: 88 Resp: 92215
Ion Ratio Lower Upper
88 100
43 33.4 24.7 37.1
58 73.7 55.3 82.9

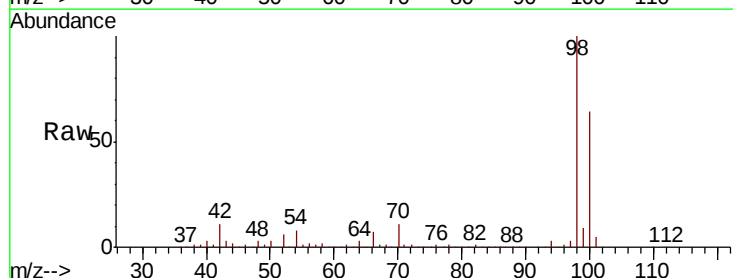


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

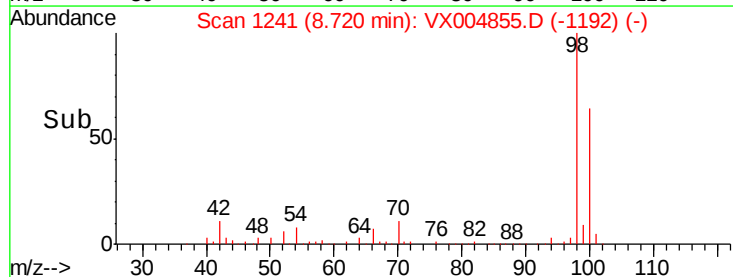
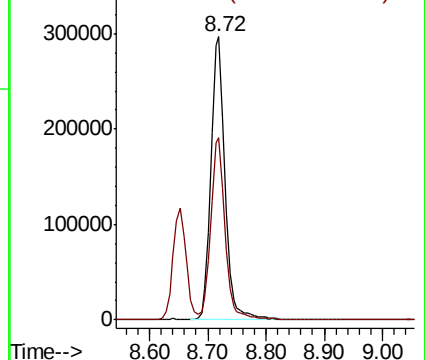


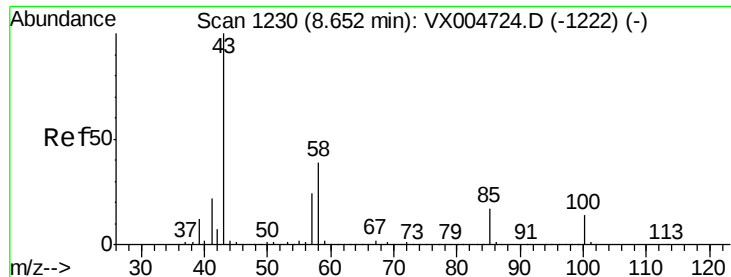
#50
Toluene-d8
Concen: 53.946 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VX004855.D
Acq: 29 Sep 2018 07:12

Tgt Ion: 98 Resp: 503902
Ion Ratio Lower Upper
98 100
100 65.1 52.9 79.3



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





#51

4-Methyl-2-Pentanone

Concen: 290.368 ug/l

RT: 8.65 min Scan# 1230

Delta R.T. 0.00 min

Lab File: VX004855.D

Acq: 29 Sep 2018 07:12

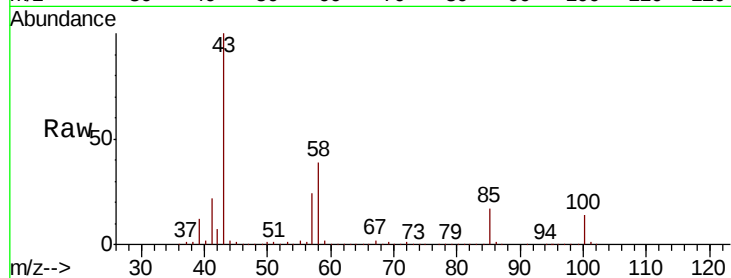
Instrument :
MSVOA_X
ClientSampleId :
SA-TW505-0913MS

Tot Ion: 43 Resp: 1342811

Ion Ratio Lower Upper

43 100

58 38.4 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

800000

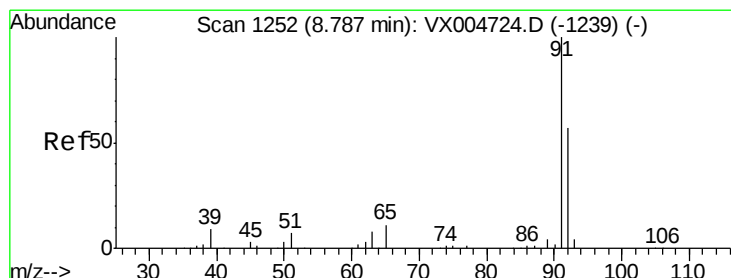
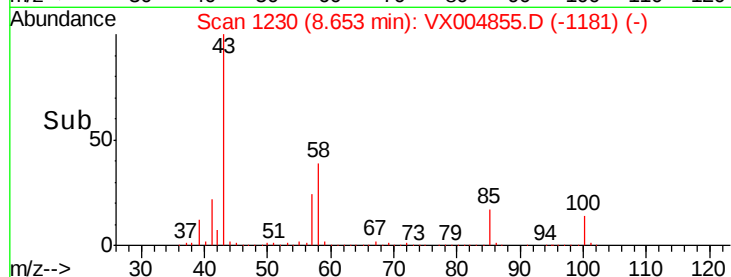
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 55.550 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX004855.D

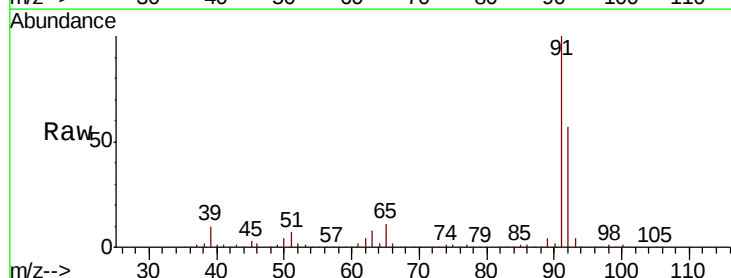
Acq: 29 Sep 2018 07:12

Tgt Ion: 92 Resp: 366332

Ion Ratio Lower Upper

92 100

91 174.1 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

400000

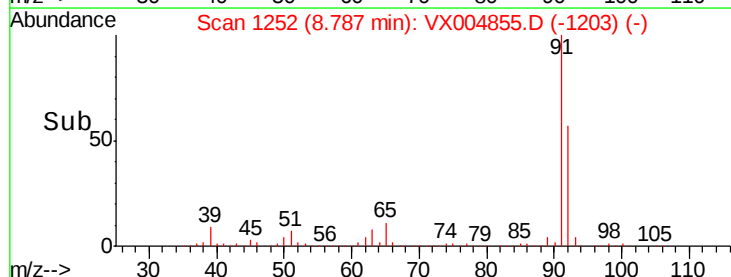
300000

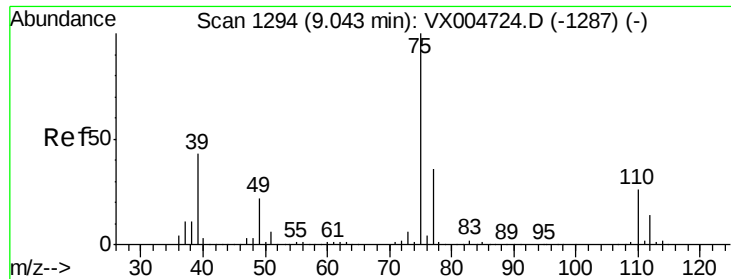
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 52.251 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX004855.D

Acq: 29 Sep 2018 07:12

Instrument :

MSVOA_X

ClientSampleId :

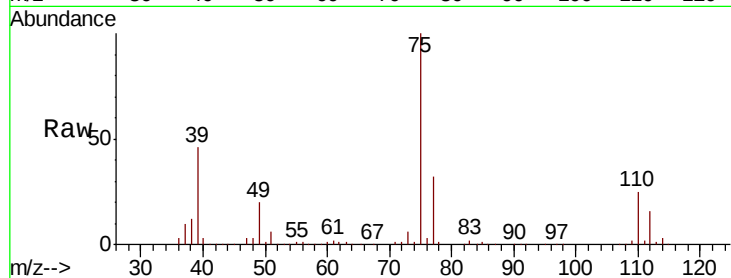
SA-TW505-0913MS

Tot Ion: 75 Resp: 204479

Ion Ratio Lower Upper

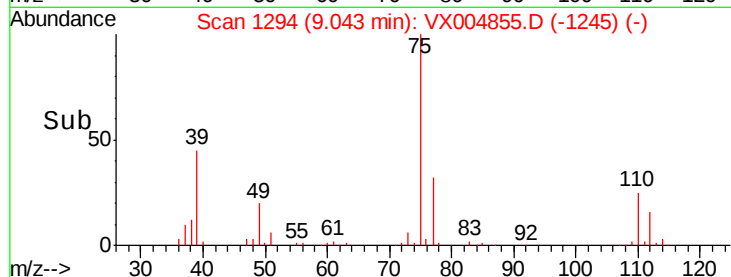
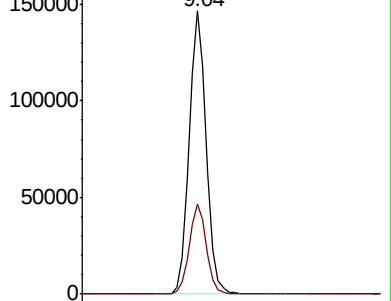
75 100

77 32.0 24.6 37.0

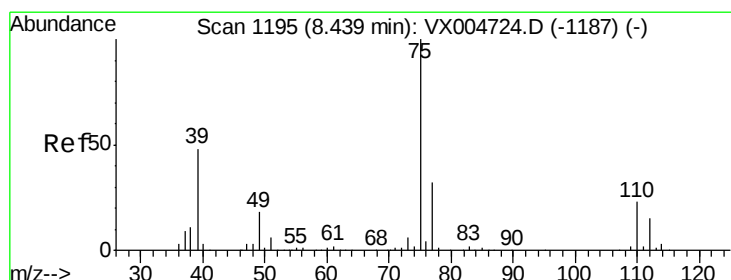


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



Time-->



#54

cis-1,3-Dichloropropene

Concen: 52.821 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. 0.00 min

Lab File: VX004855.D

Acq: 29 Sep 2018 07:12

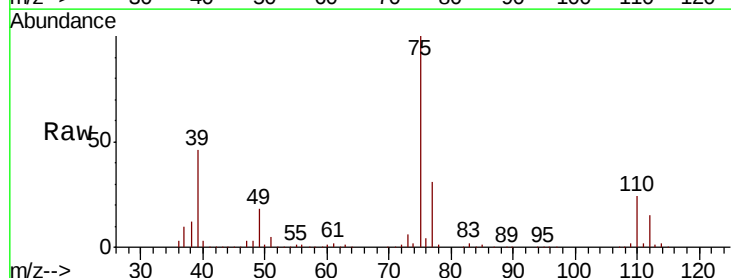
Tgt Ion: 75 Resp: 216512

Ion Ratio Lower Upper

75 100

77 31.1 26.2 39.2

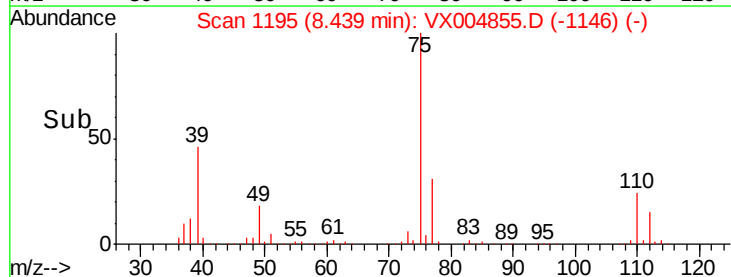
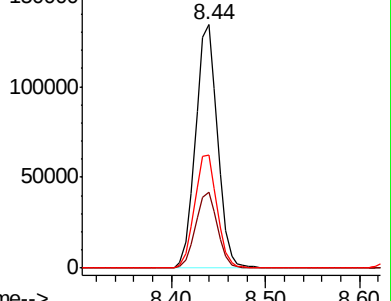
39 46.4 36.4 54.6



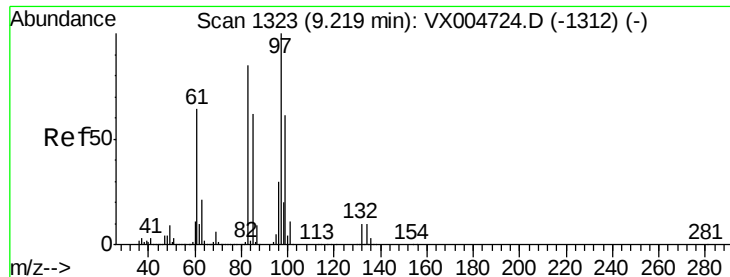
Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0



Time-->



#55

1,1,2-Trichloroethane

Concen: 52.595 ug/l

RT: 9.22 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX004855.D

Acq: 29 Sep 2018 07:12

Instrument :

MSVOA_X

ClientSampleId :

SA-TW505-0913MS

Tot Ion: 97 Resp: 151930

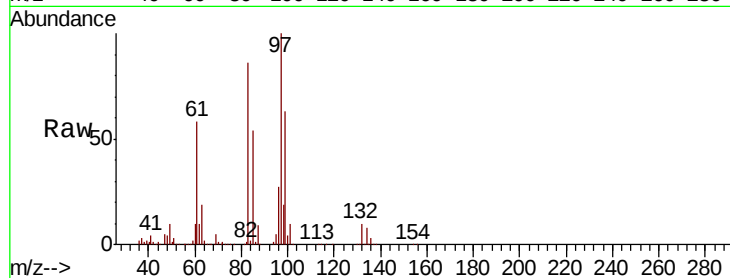
Ion Ratio Lower Upper

97 100

83 85.5 66.4 99.6

85 53.6 43.3 64.9

99 62.9 49.0 73.4

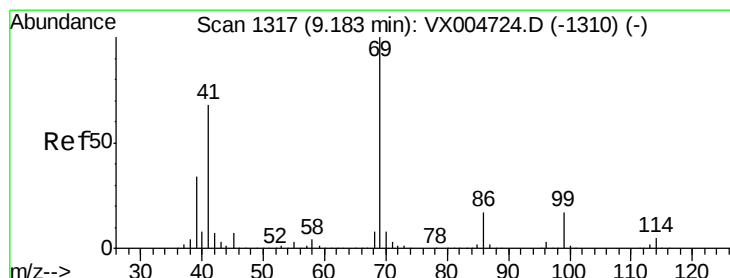
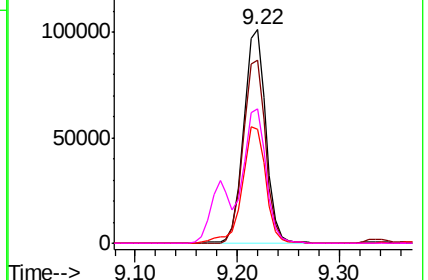
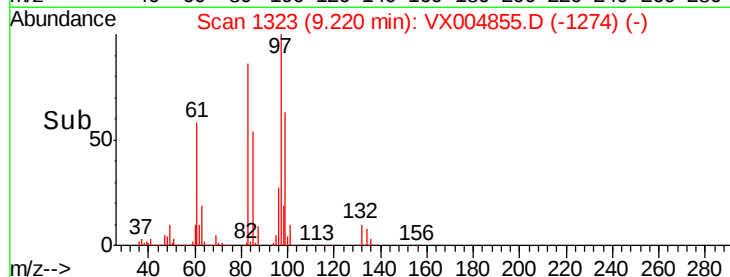


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 50.627 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VX004855.D

Acq: 29 Sep 2018 07:12

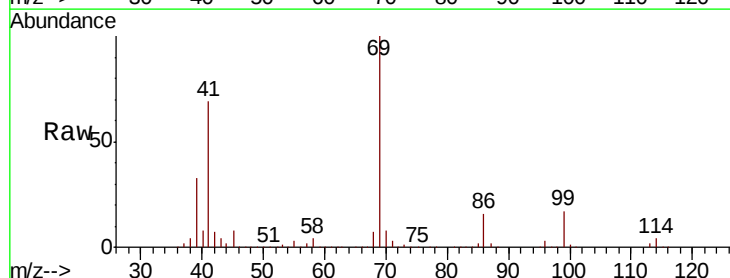
Tgt Ion: 69 Resp: 237495

Ion Ratio Lower Upper

69 100

41 70.5 51.0 76.4

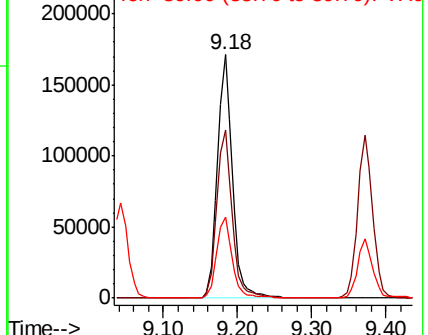
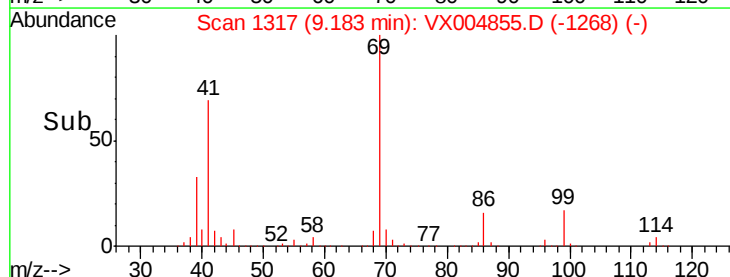
39 34.0 26.1 39.1

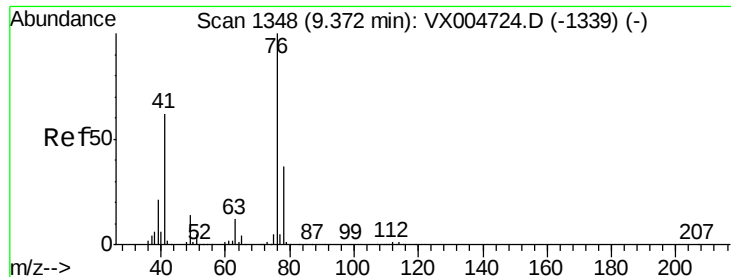


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 53.803 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX004855.D

Acq: 29 Sep 2018 07:12

Instrument :

MSVOA_X

ClientSampleId :

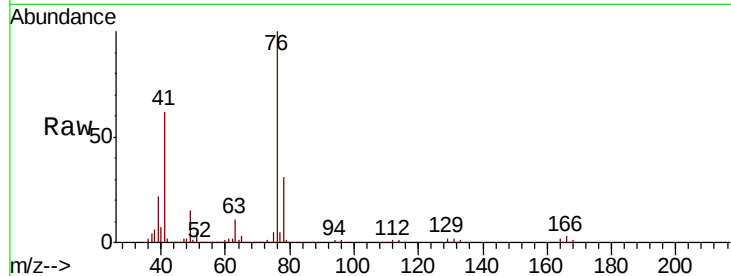
SA-TW505-0913MS

Tot Ion: 76 Resp: 258667

Ion Ratio Lower Upper

76 100

78 32.0 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

200000

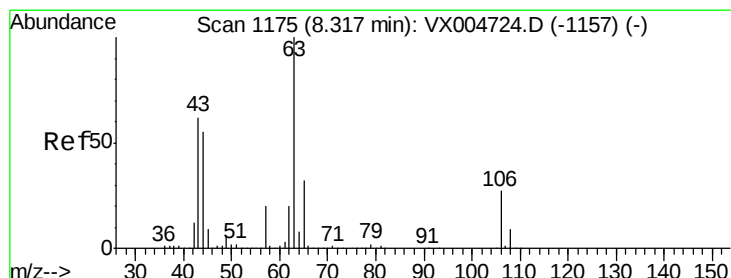
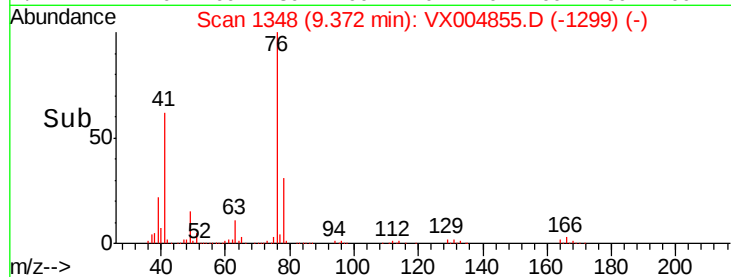
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 15.093 ug/l

RT: 8.27 min Scan# 1168

Delta R.T. -0.04 min

Lab File: VX004855.D

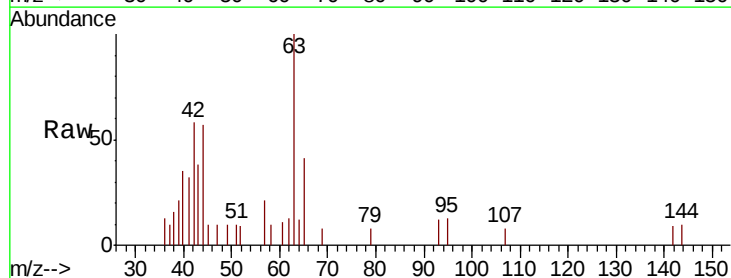
Acq: 29 Sep 2018 07:12

Tgt Ion: 63 Resp: 2245

Ion Ratio Lower Upper

63 100

106 0.0 23.9 35.9#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.27

800

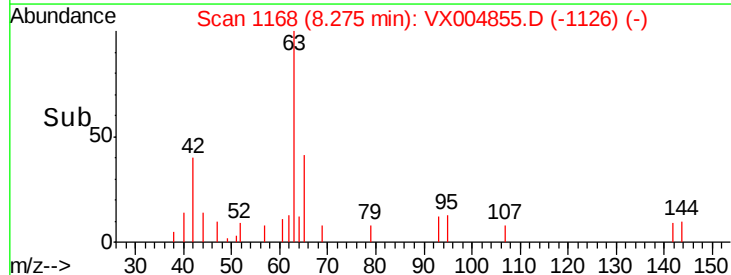
600

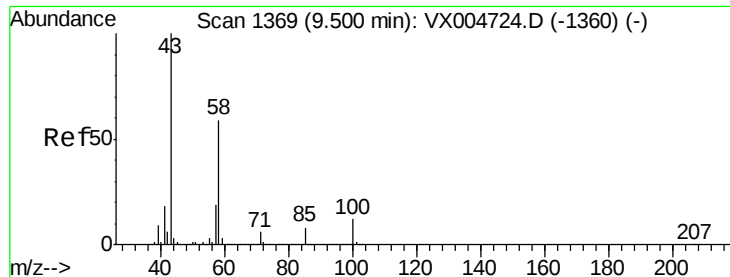
400

200

0

Time-->

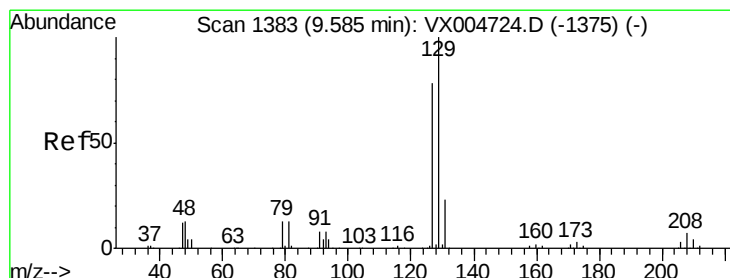
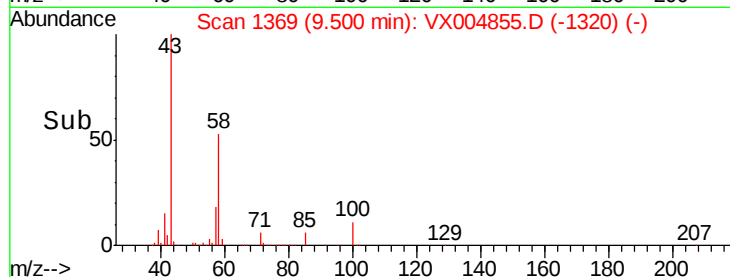
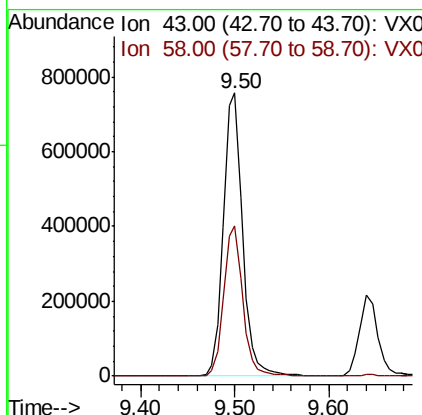
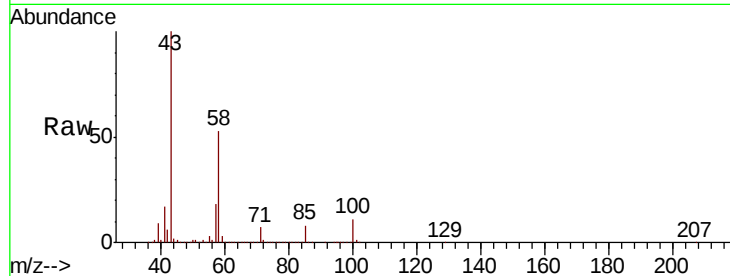




#59
2-Hexanone
Concen: 277.753 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VX004855.D
Acq: 29 Sep 2018 07:12

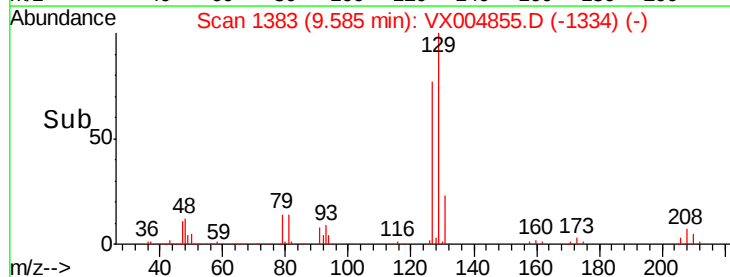
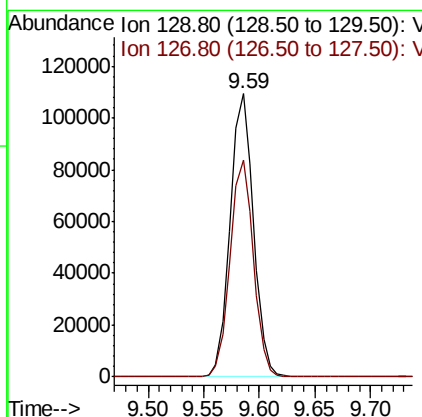
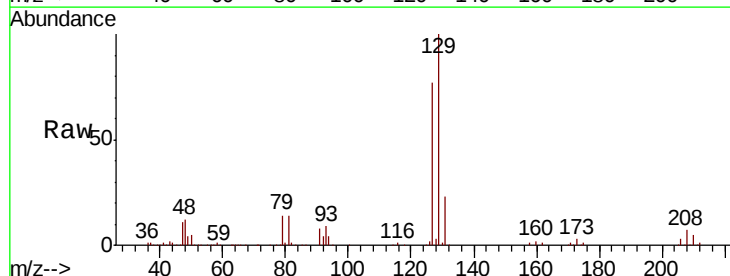
Instrument :
MSVOA_X
ClientSampleId :
SA-TW505-0913MS

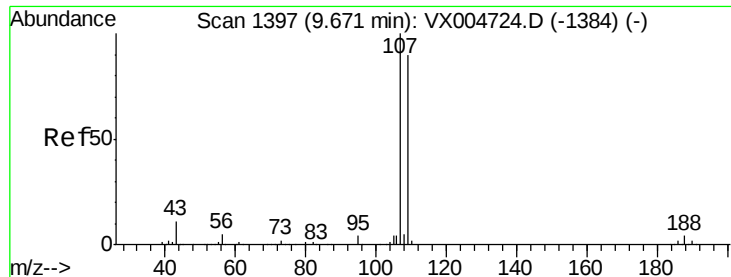
Tot Ion: 43 Resp: 1070376
Ion Ratio Lower Upper
43 100
58 52.7 29.0 87.0



#60
Dibromochloromethane
Concen: 54.838 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX004855.D
Acq: 29 Sep 2018 07:12

Tgt Ion: 129 Resp: 158421
Ion Ratio Lower Upper
129 100
127 76.7 38.5 115.5





#61

1,2-Dibromoethane

Concen: 50.503 ug/l

RT: 9.68 min Scan# 1398

Delta R.T. 0.01 min

Lab File: VX004855.D

Acq: 29 Sep 2018 07:12

Instrument :

MSVOA_X

ClientSampleId :

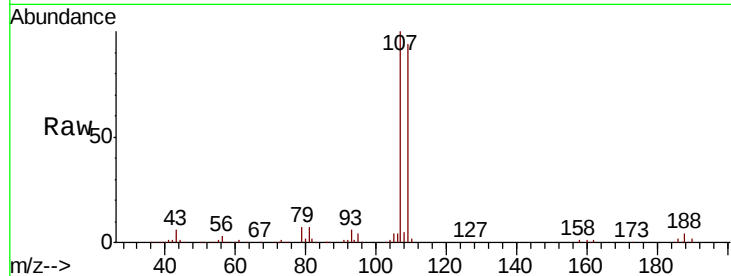
SA-TW505-0913MS

Tot Ion:107 Resp: 156236

Ion Ratio Lower Upper

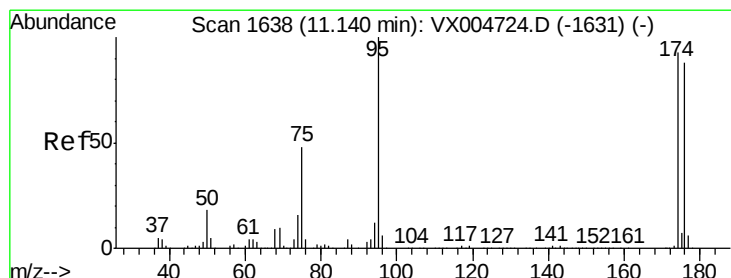
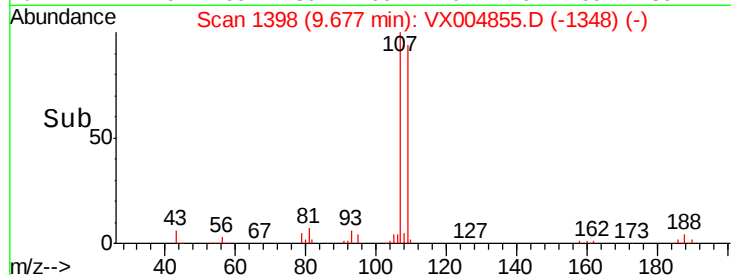
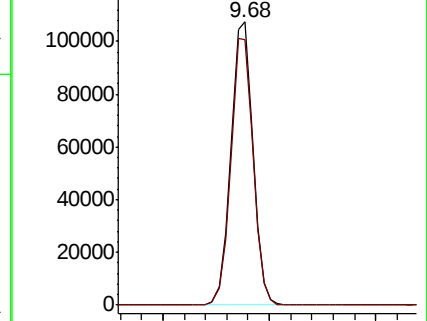
107 100

109 94.9 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: 55.315 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX004855.D

Acq: 29 Sep 2018 07:12

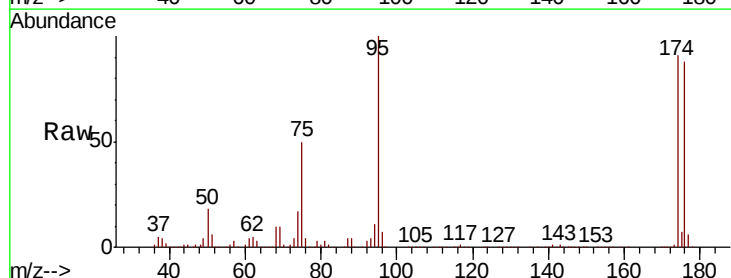
Tgt Ion: 95 Resp: 186140

Ion Ratio Lower Upper

95 100

174 90.2 0.0 185.2

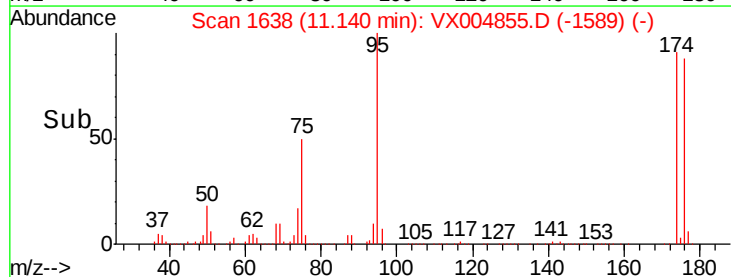
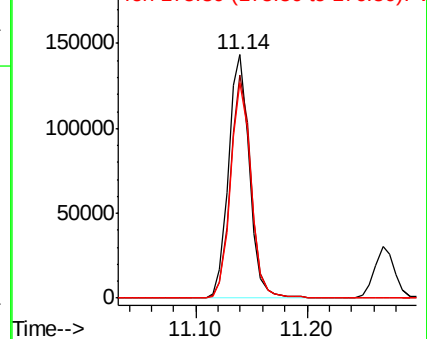
176 87.5 0.0 178.6

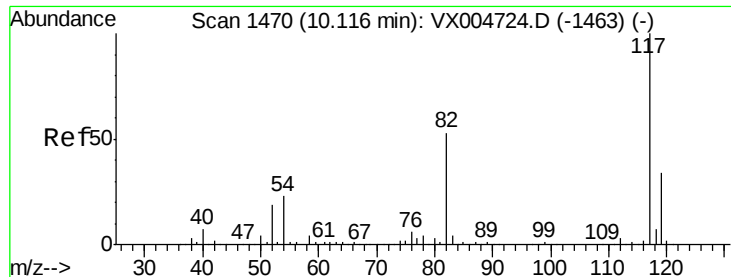


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

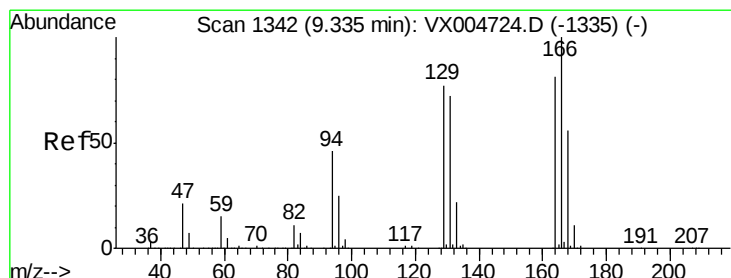
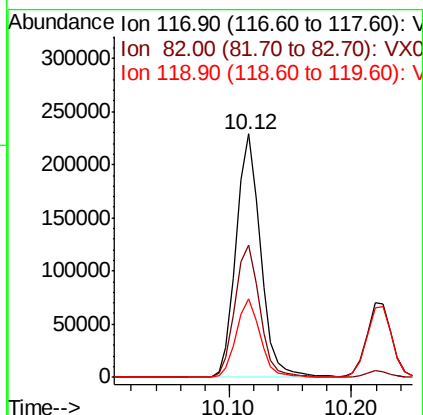
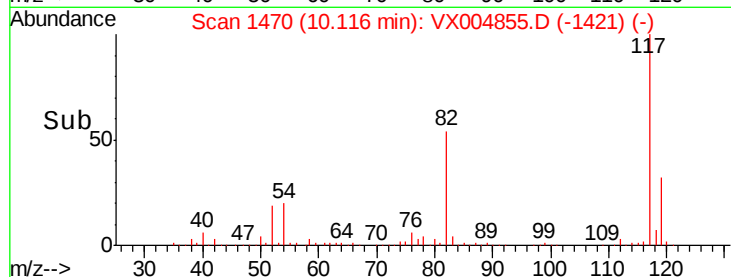
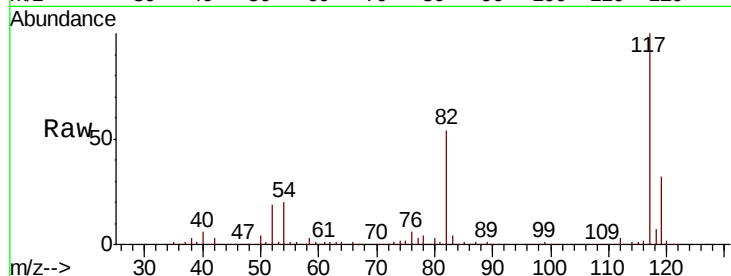




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004855.D
Acq: 29 Sep 2018 07:12

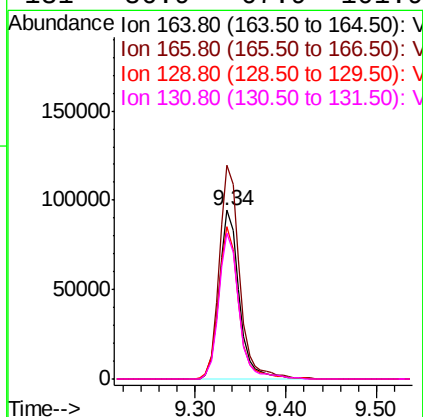
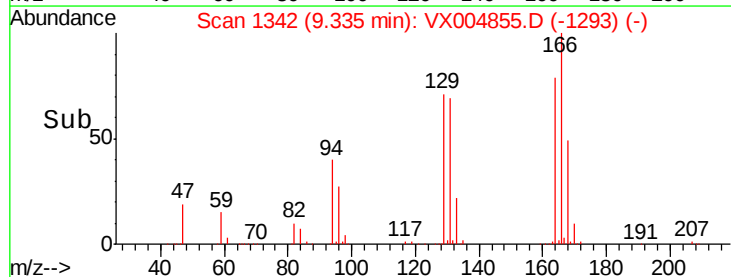
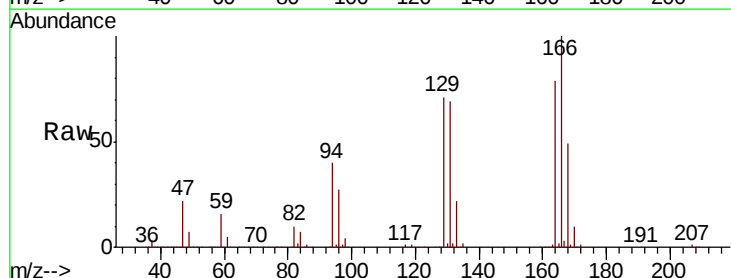
Instrument :
MSVOA_X
ClientSampleId :
SA-TW505-0913MS

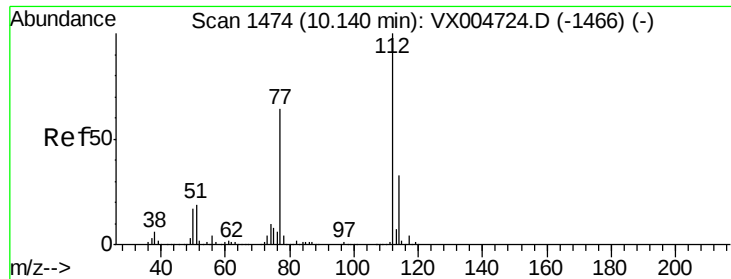
Tot Ion:117 Resp: 316923
Ion Ratio Lower Upper
117 100
82 54.2 47.8 71.6
119 32.5 29.3 43.9



#64
Tetrachloroethene
Concen: 46.903 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX004855.D
Acq: 29 Sep 2018 07:12

Tgt Ion:164 Resp: 146301
Ion Ratio Lower Upper
164 100
166 126.7 102.8 154.2
129 90.3 69.4 104.0
131 86.9 67.9 101.9





#65

Chlorobenzene

Concen: 49.767 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX004855.D

Acq: 29 Sep 2018 07:12

Instrument :

MSVOA_X

ClientSampleId :

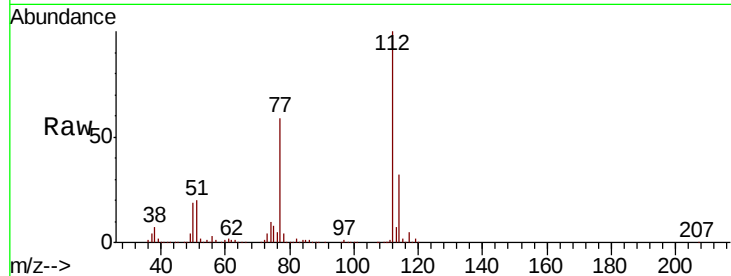
SA-TW505-0913MS

Tot Ion:112 Resp: 404446

Ion Ratio Lower Upper

112 100

114 32.3 27.8 41.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.14

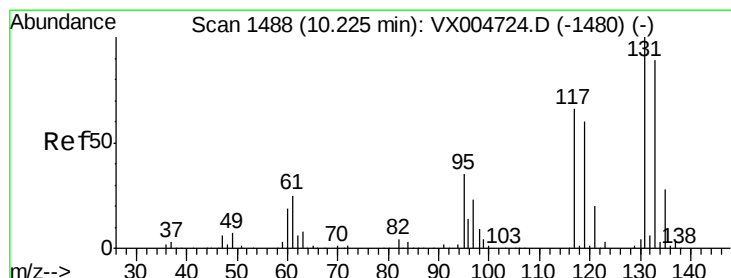
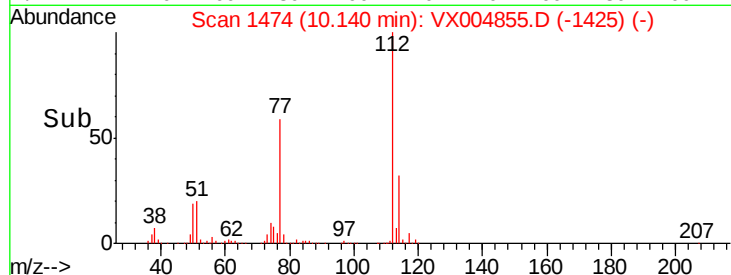
300000

200000

100000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 51.720 ug/l

RT: 10.23 min Scan# 1488

Delta R.T. 0.00 min

Lab File: VX004855.D

Acq: 29 Sep 2018 07:12

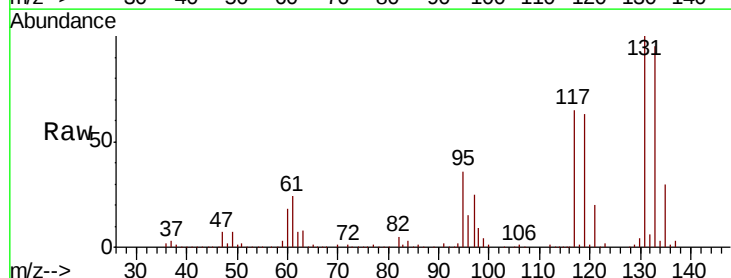
Tgt Ion:131 Resp: 147767

Ion Ratio Lower Upper

131 100

133 95.6 48.1 144.4

119 64.4 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

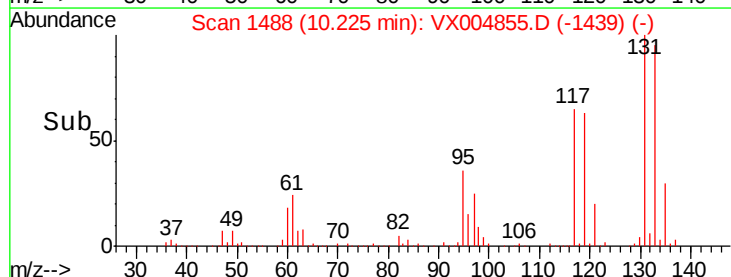
10.23

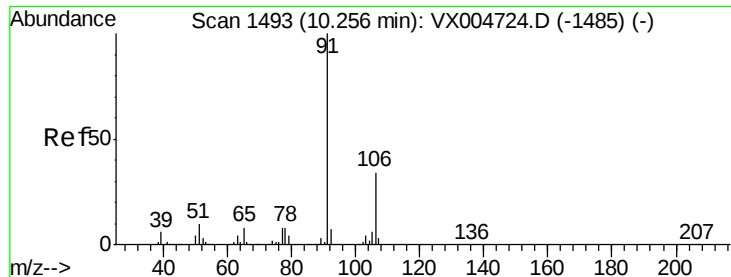
100000

50000

0

Time-->

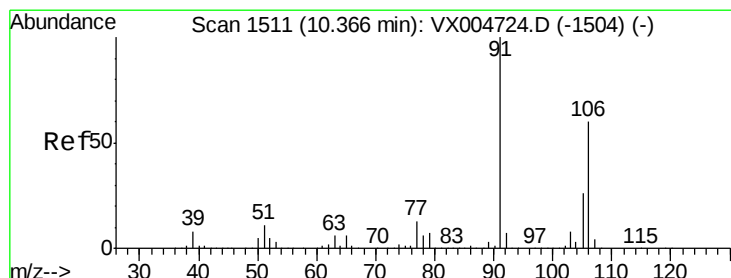
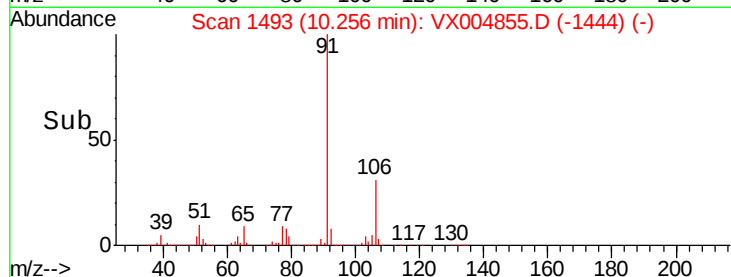
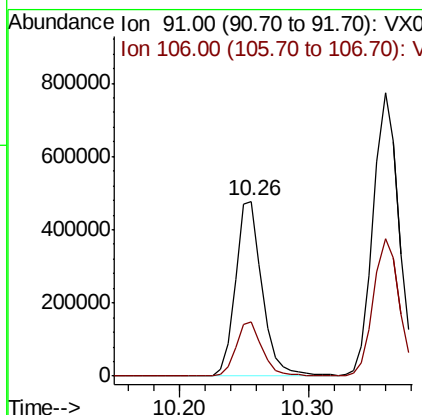
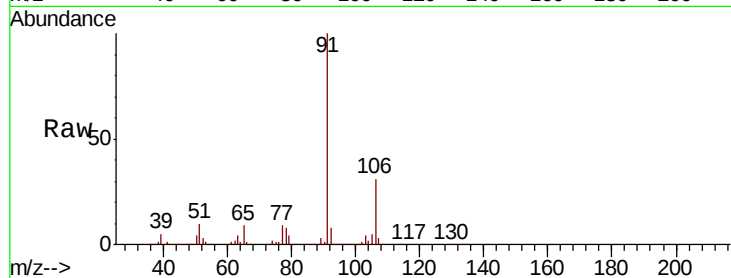




#67
Ethyl Benzene
Concen: 53.394 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VX004855.D
Acq: 29 Sep 2018 07:12

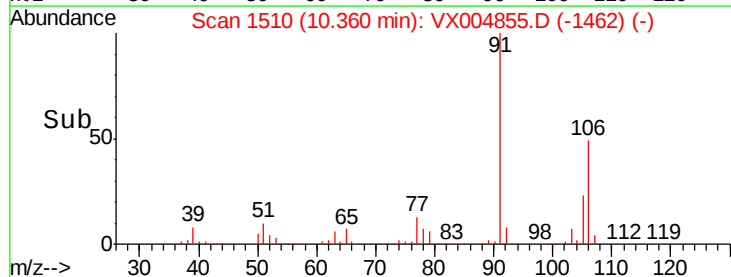
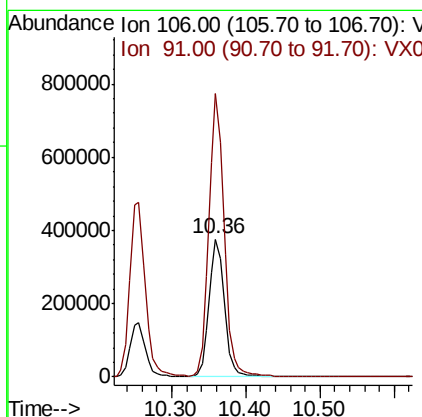
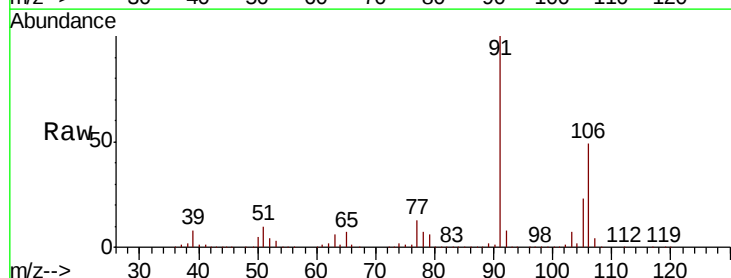
Instrument :
MSVOA_X
ClientSampleId :
SA-TW505-0913MS

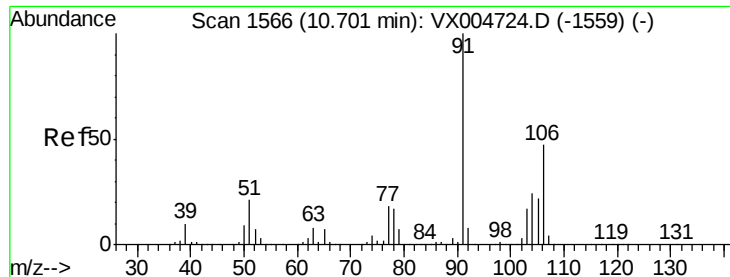
Tot Ion: 91 Resp: 688908
Ion Ratio Lower Upper
91 100
106 30.9 25.9 38.9



#68
m/p-Xylenes
Concen: 106.108 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX004855.D
Acq: 29 Sep 2018 07:12

Tgt Ion: 106 Resp: 534979
Ion Ratio Lower Upper
106 100
91 204.2 157.1 235.7

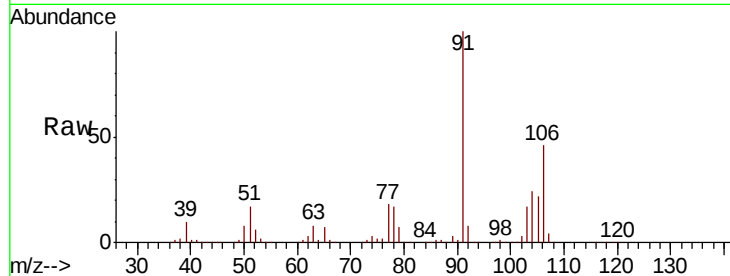




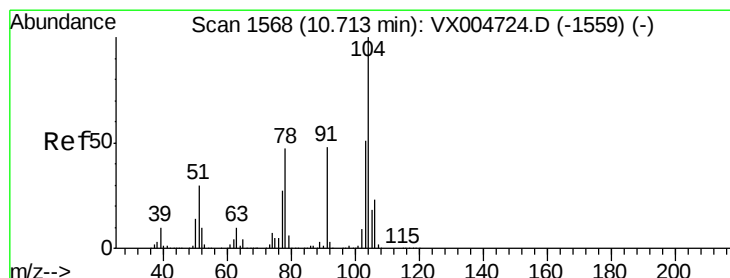
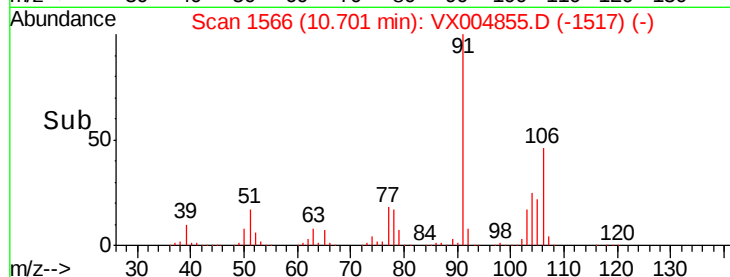
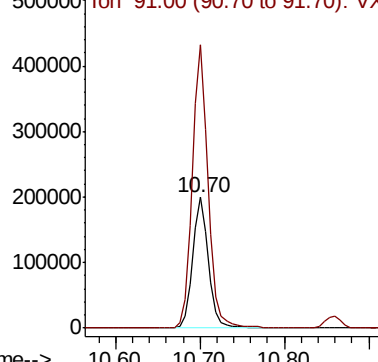
#69
o-Xylene
Concen: 55.998 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX004855.D
Acq: 29 Sep 2018 07:12

Instrument :
MSVOA_X
ClientSampleId :
SA-TW505-0913MS

Tot Ion:106 Resp: 259320
Ion Ratio Lower Upper
106 100
91 216.4 105.1 315.1

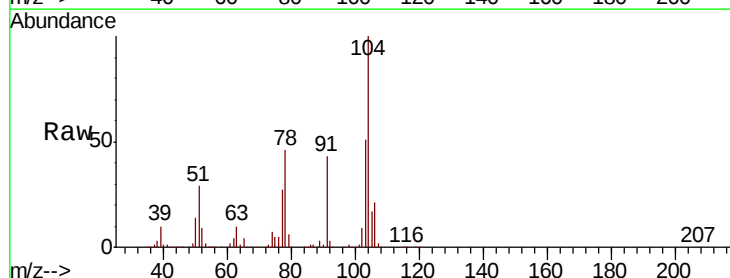


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

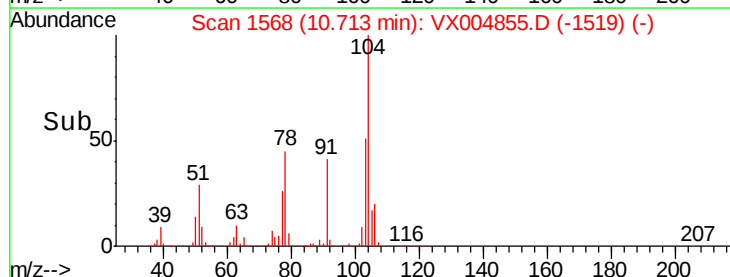
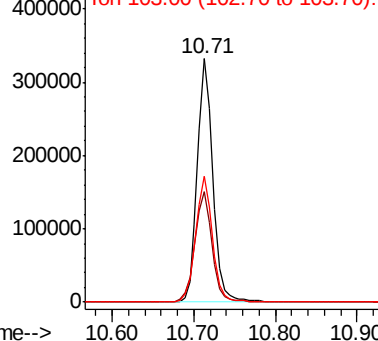


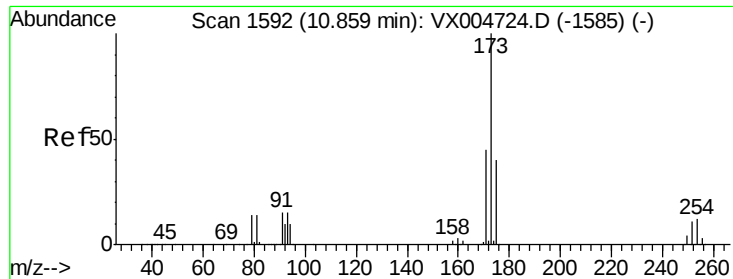
#70
Styrene
Concen: 50.572 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX004855.D
Acq: 29 Sep 2018 07:12

Tgt Ion:104 Resp: 438239
Ion Ratio Lower Upper
104 100
78 50.3 37.4 56.0
103 55.6 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: 51.842 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX004855.D

Acq: 29 Sep 2018 07:12

Instrument :

MSVOA_X

ClientSampleId :

SA-TW505-0913MS

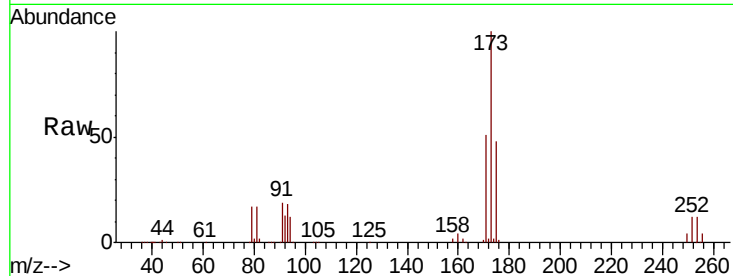
Tot Ion:173 Resp: 126804

Ion Ratio Lower Upper

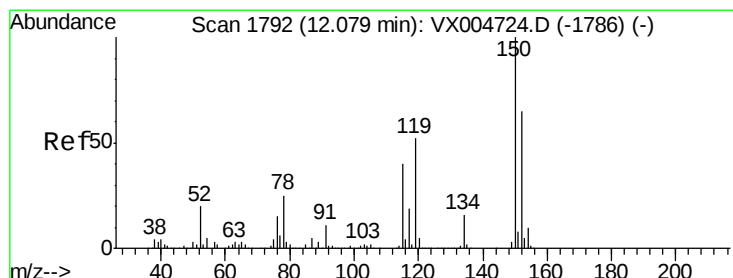
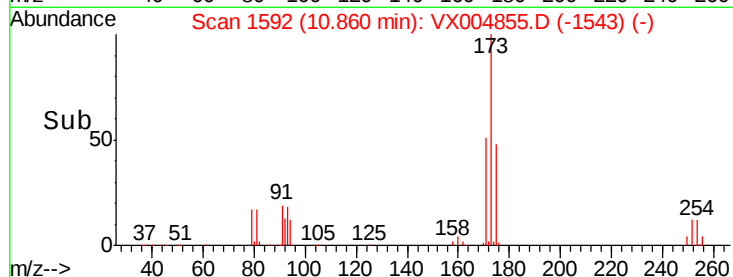
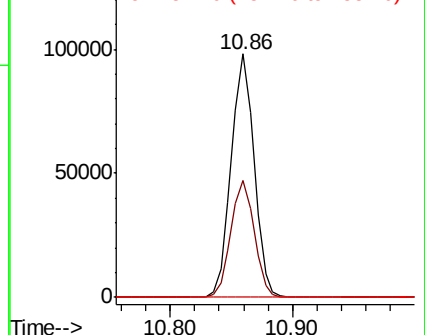
173 100

175 48.7 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: VX004855.D

Acq: 29 Sep 2018 07:12

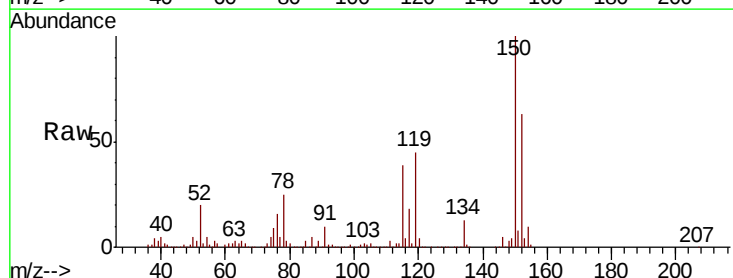
Tgt Ion:152 Resp: 192530

Ion Ratio Lower Upper

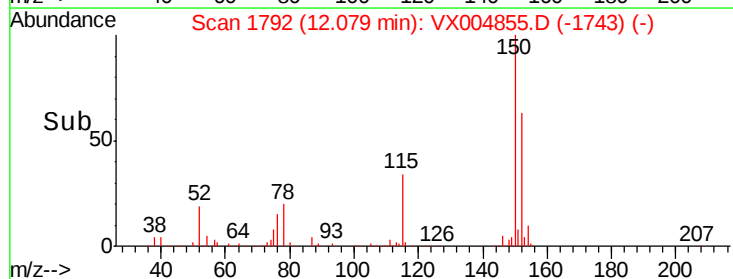
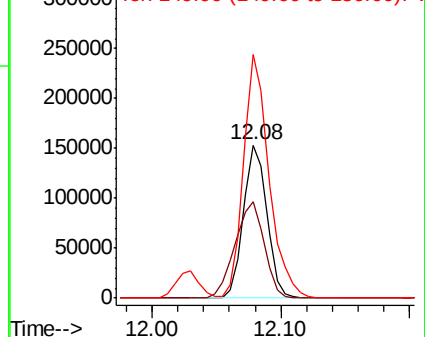
152 100

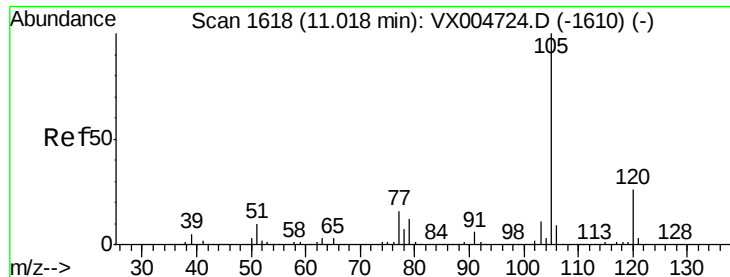
115 78.9 39.0 117.0

150 173.4 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: 56.797 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX004855.D

Acq: 29 Sep 2018 07:12

Instrument :

MSVOA_X

ClientSampleId :

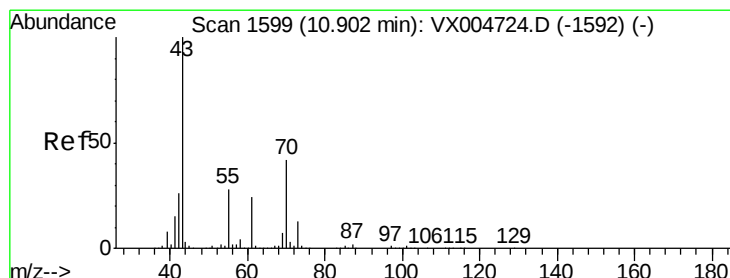
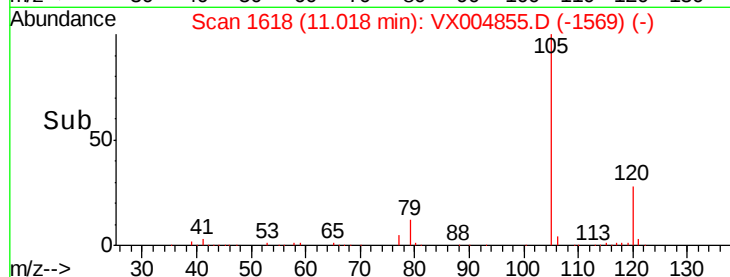
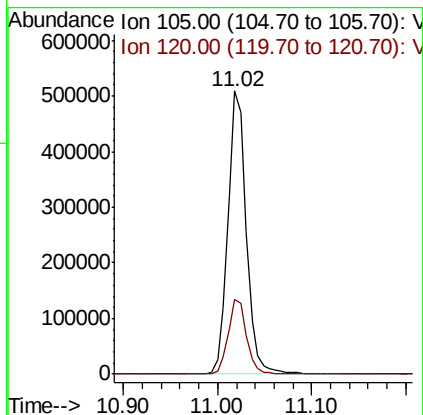
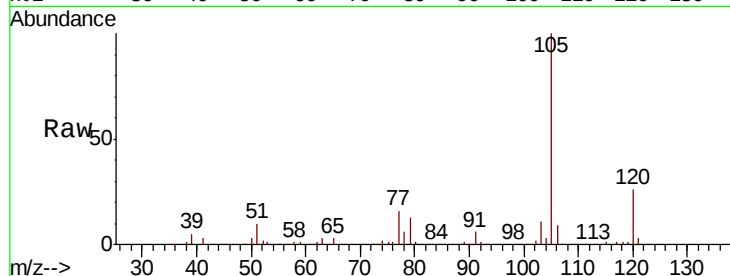
SA-TW505-0913MS

Tot Ion:105 Resp: 689257

Ion Ratio Lower Upper

105 100

120 26.5 13.5 40.4



#74

N-ethyl acetate

Concen: 43.812 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.00 min

Lab File: VX004855.D

Acq: 29 Sep 2018 07:12

Tgt Ion: 43 Resp: 290740

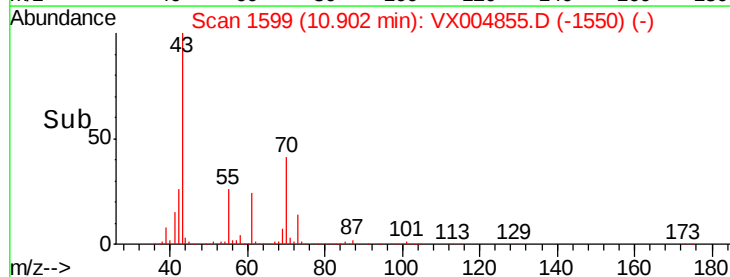
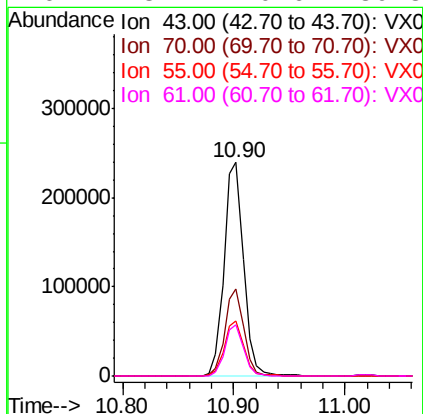
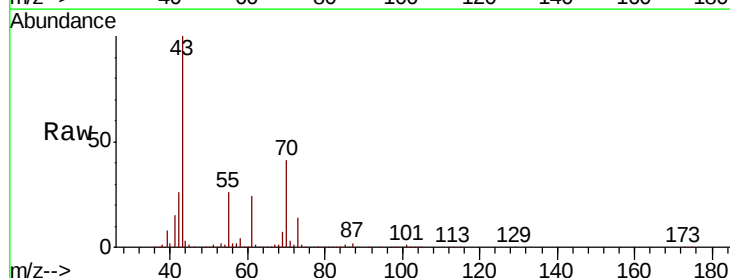
Ion Ratio Lower Upper

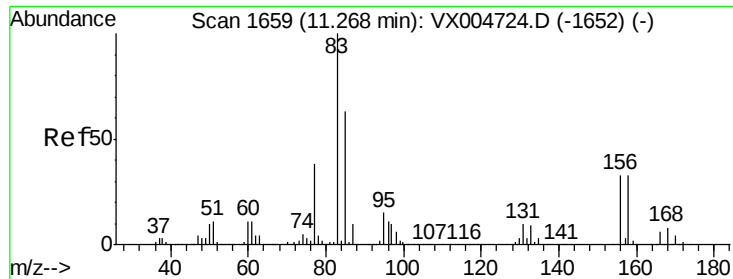
43 100

70 39.9 37.4 56.0

55 25.8 21.8 32.8

61 23.2 20.6 30.8





#75

1,1,2,2-Tetrachloroethane

Concen: 50.867 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX004855.D

Acq: 29 Sep 2018 07:12

Instrument :

MSVOA_X

ClientSampleId :

SA-TW505-0913MS

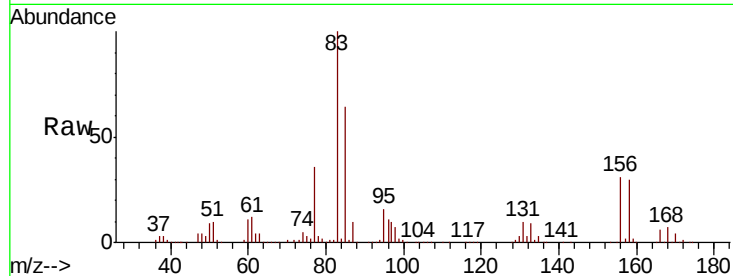
Tot Ion: 83 Resp: 251281

Ion Ratio Lower Upper

83 100

131 10.5 5.2 15.6

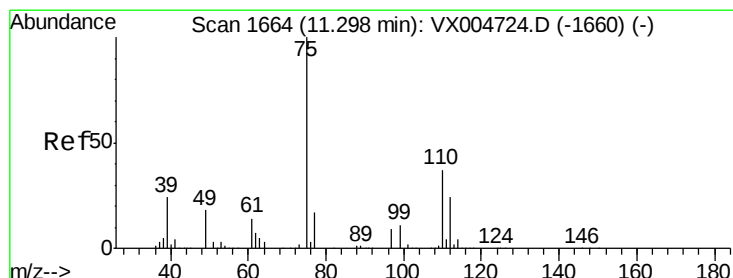
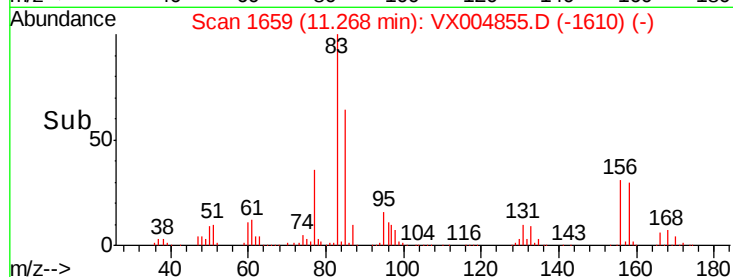
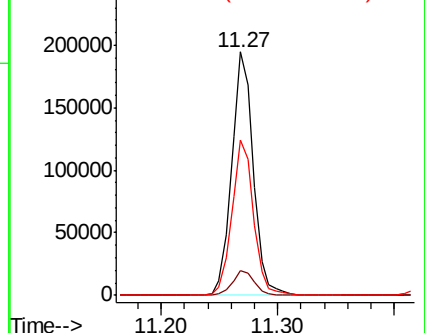
85 63.8 32.3 96.8



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: 63.371 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX004855.D

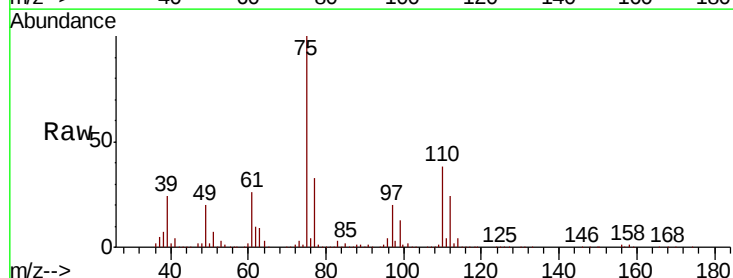
Acq: 29 Sep 2018 07:12

Tgt Ion: 75 Resp: 273466

Ion Ratio Lower Upper

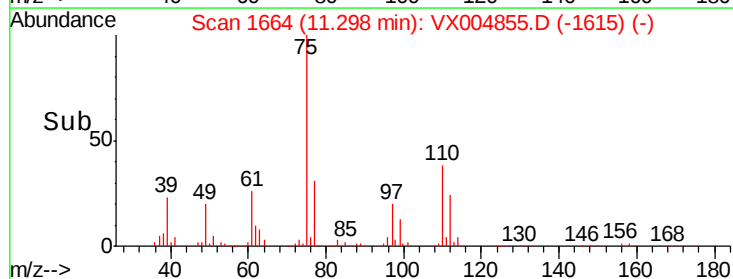
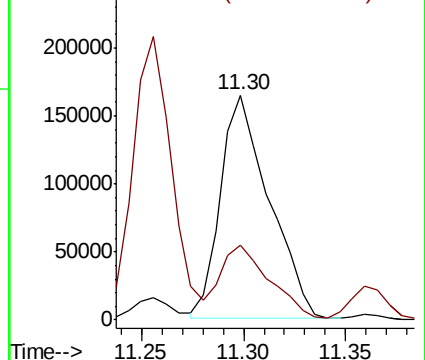
75 100

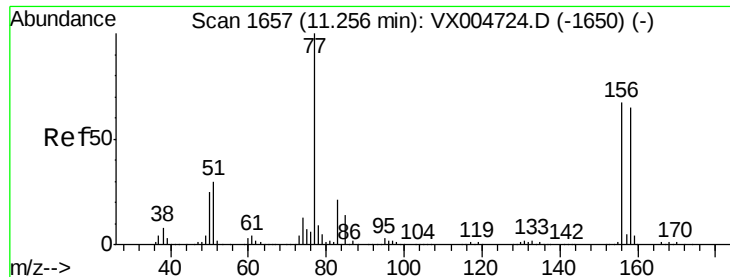
77 33.8 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 52.908 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX004855.D

Acq: 29 Sep 2018 07:12

Instrument :

MSVOA_X

ClientSampleId :

SA-TW505-0913MS

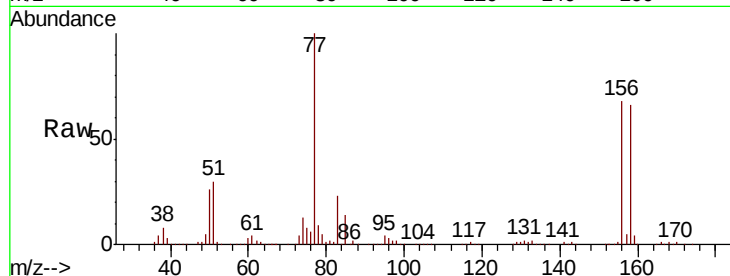
Tot Ion:156 Resp: 186493

Ion Ratio Lower Upper

156 100

77 148.3 71.5 214.3

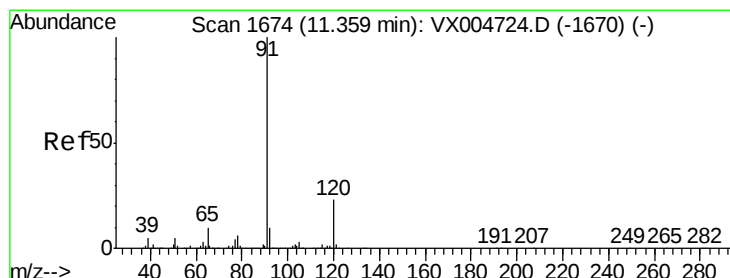
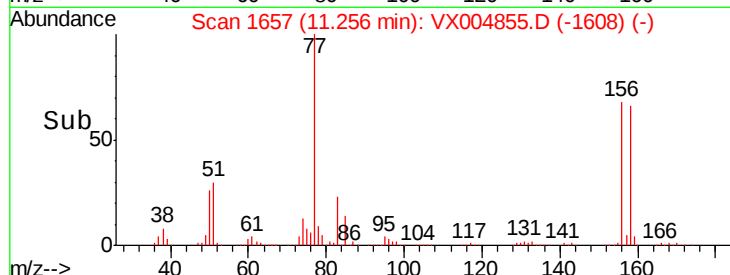
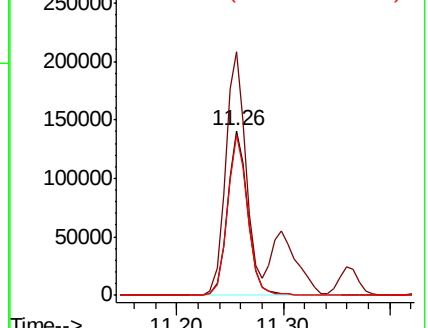
158 97.3 48.9 146.8



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: 56.287 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX004855.D

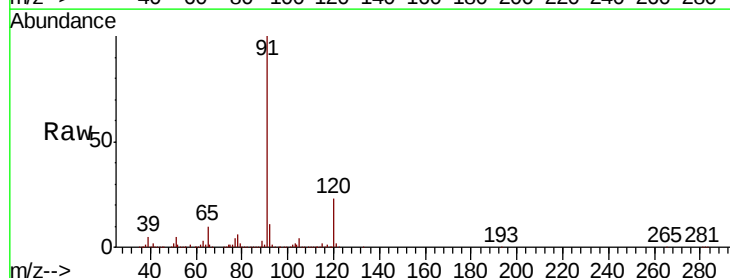
Acq: 29 Sep 2018 07:12

Tgt Ion: 91 Resp: 783731

Ion Ratio Lower Upper

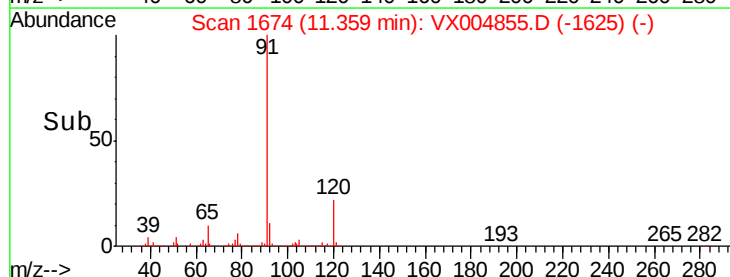
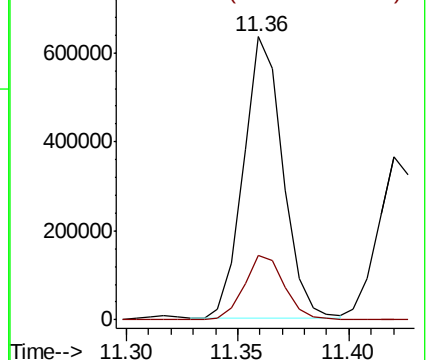
91 100

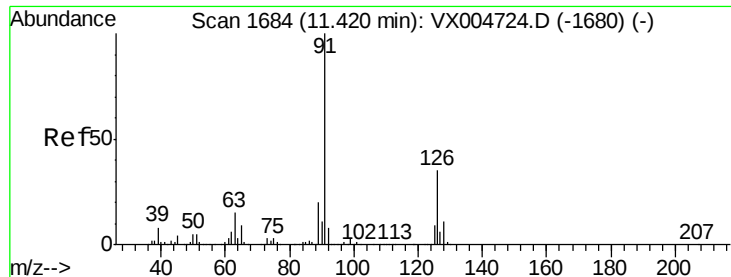
120 23.5 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 54.845 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX004855.D

Acq: 29 Sep 2018 07:12

Instrument :

MSVOA_X

ClientSampleId :

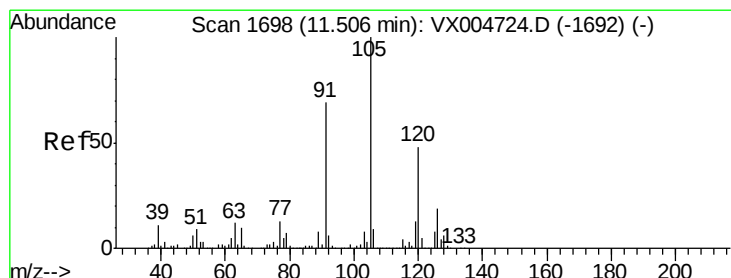
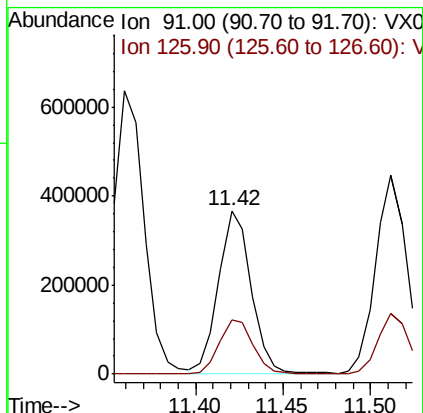
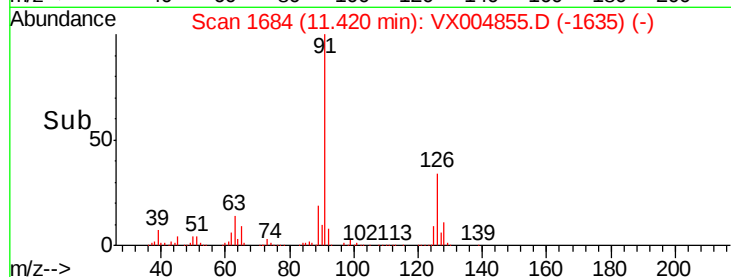
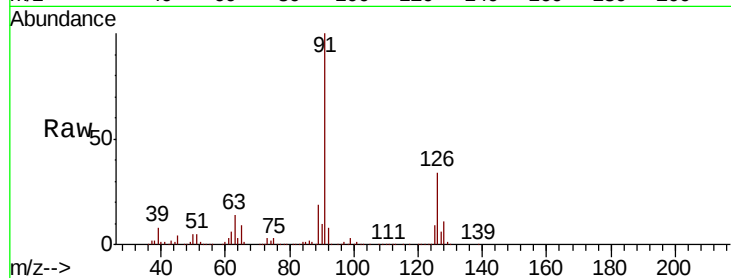
SA-TW505-0913MS

Tot Ion: 91 Resp: 476004

Ion Ratio Lower Upper

91 100

126 34.9 17.9 53.7



#80

1,3,5-Trimethylbenzene

Concen: 52.387 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX004855.D

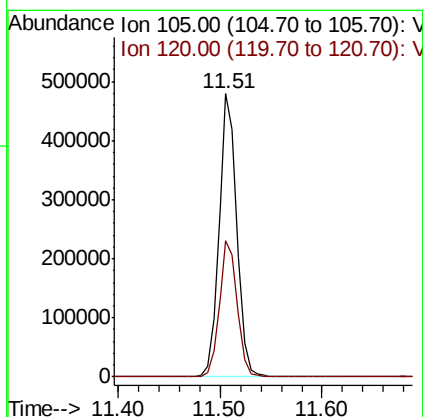
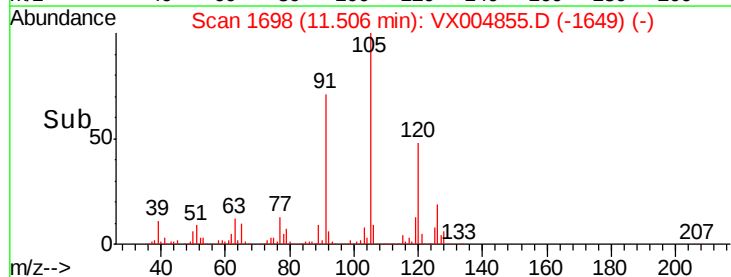
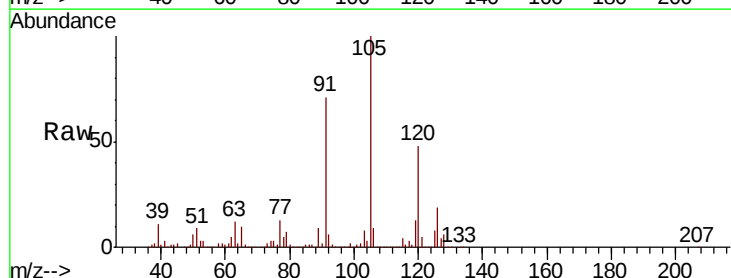
Acq: 29 Sep 2018 07:12

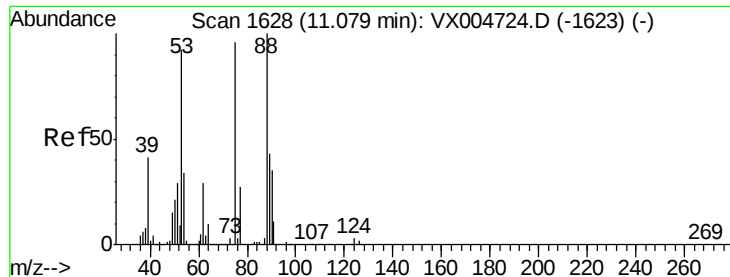
Tgt Ion: 105 Resp: 582572

Ion Ratio Lower Upper

105 100

120 48.6 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 40.342 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.01 min

Lab File: VX004855.D

Acq: 29 Sep 2018 07:12

Instrument :

MSVOA_X

ClientSampleId :

SA-TW505-0913MS

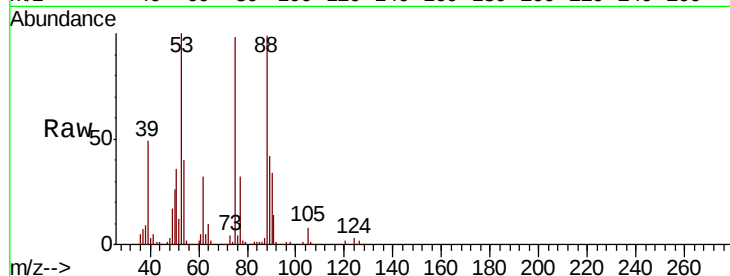
Tot Ion: 75 Resp: 63197

Ion Ratio Lower Upper

75 100

53 101.3 80.1 120.1

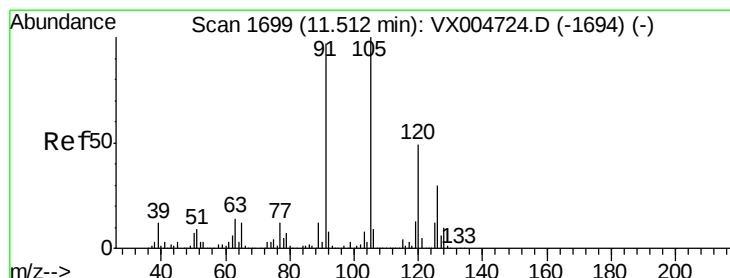
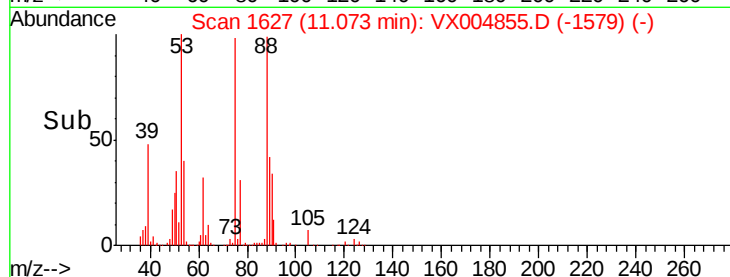
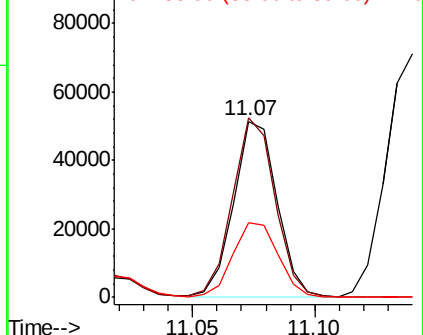
89 44.5 37.2 55.8



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: 54.945 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX004855.D

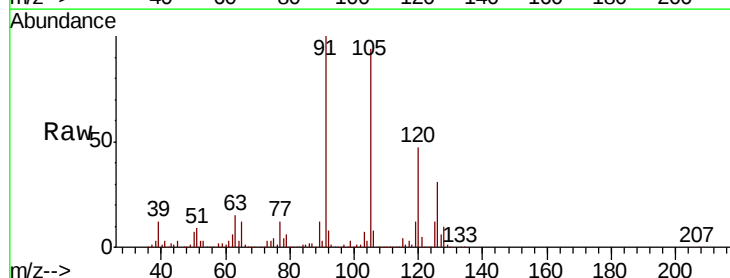
Acq: 29 Sep 2018 07:12

Tgt Ion: 91 Resp: 561297

Ion Ratio Lower Upper

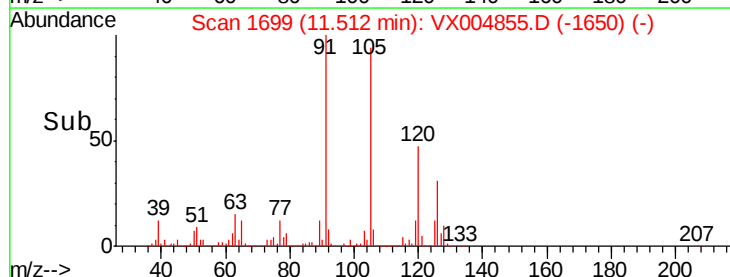
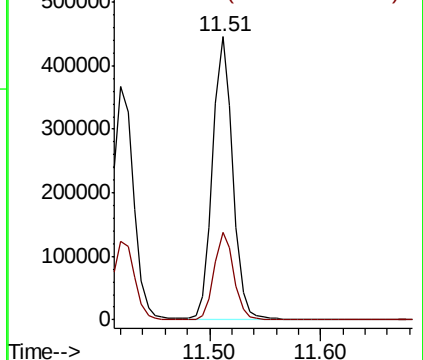
91 100

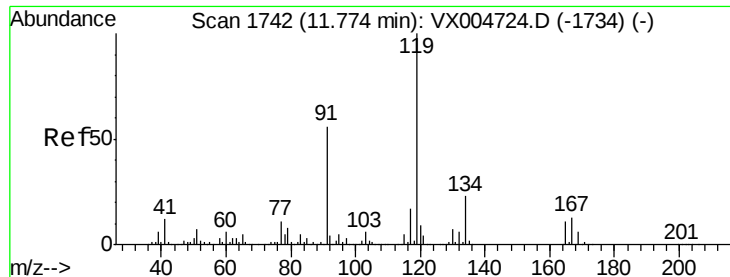
126 30.4 15.5 46.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 57.764 ug/l

RT: 11.77 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX004855.D

Acq: 29 Sep 2018 07:12

Instrument :

MSVOA_X

ClientSampleId :

SA-TW505-0913MS

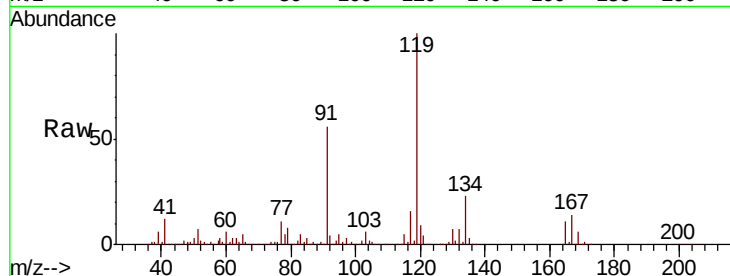
Tot Ion:119 Resp: 577151

Ion Ratio Lower Upper

119 100

91 55.4 27.0 81.0

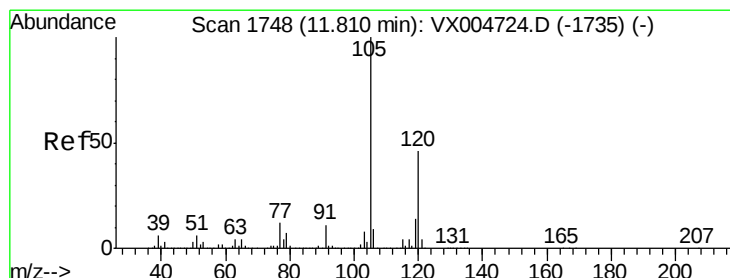
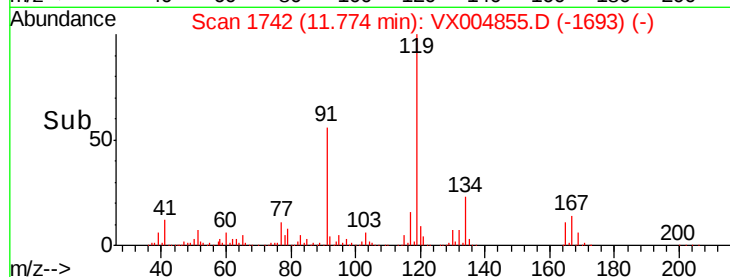
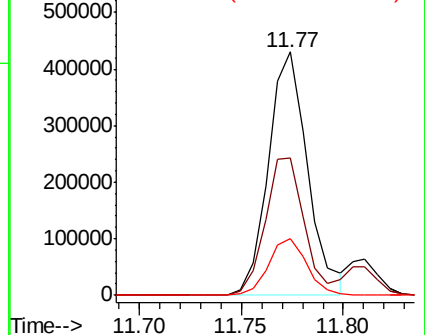
134 22.9 11.7 35.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 53.070 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. 0.00 min

Lab File: VX004855.D

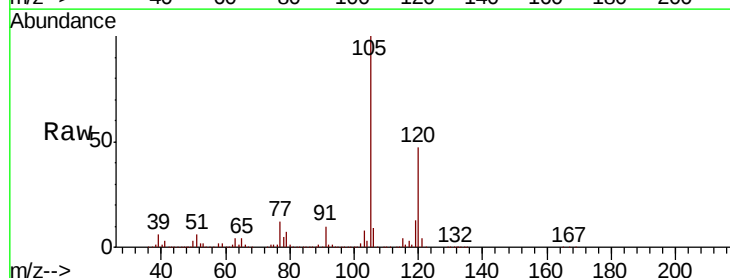
Acq: 29 Sep 2018 07:12

Tgt Ion:105 Resp: 608592

Ion Ratio Lower Upper

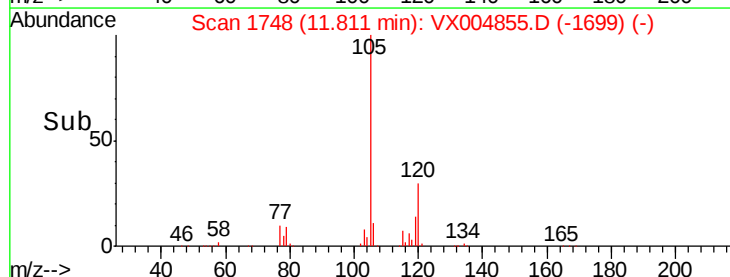
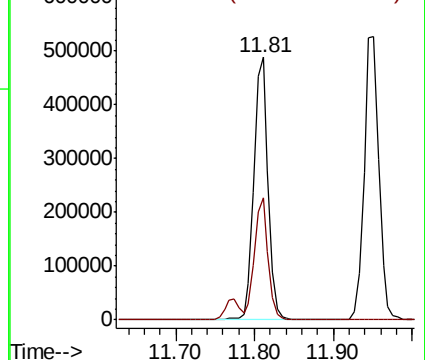
105 100

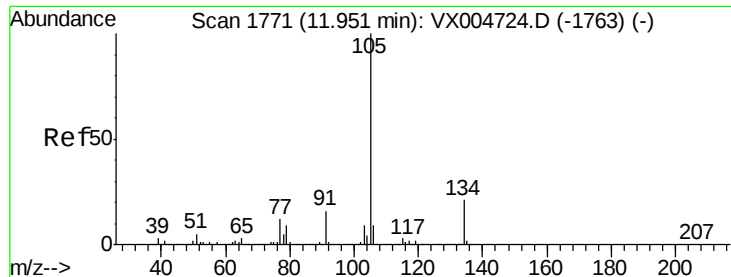
120 44.7 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 56.157 ug/l

RT: 11.95 min Scan# 1771

Delta R.T. 0.00 min

Lab File: VX004855.D

Acq: 29 Sep 2018 07:12

Instrument :

MSVOA_X

ClientSampleId :

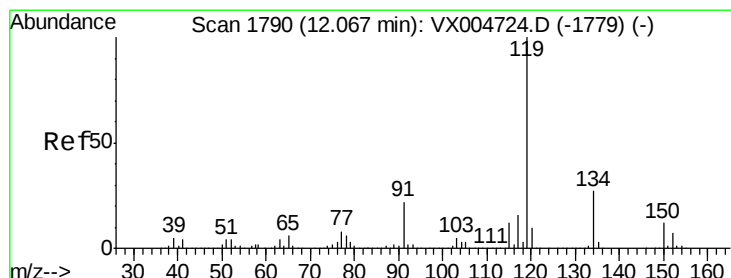
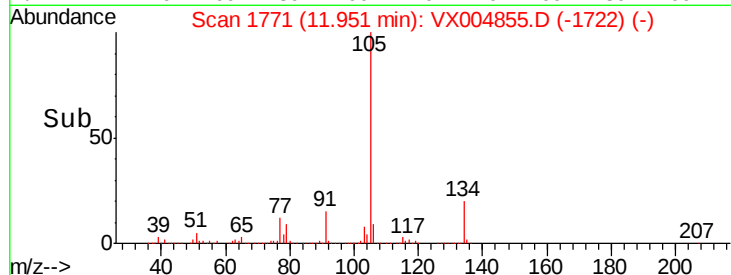
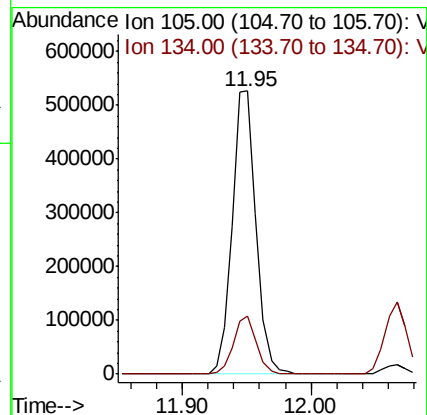
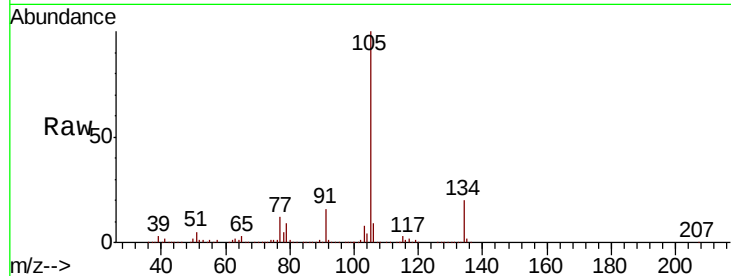
SA-TW505-0913MS

Tot Ion:105 Resp: 683431

Ion Ratio Lower Upper

105 100

134 20.0 10.5 31.5



#86

p-Isopropyltoluene

Concen: 54.951 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX004855.D

Acq: 29 Sep 2018 07:12

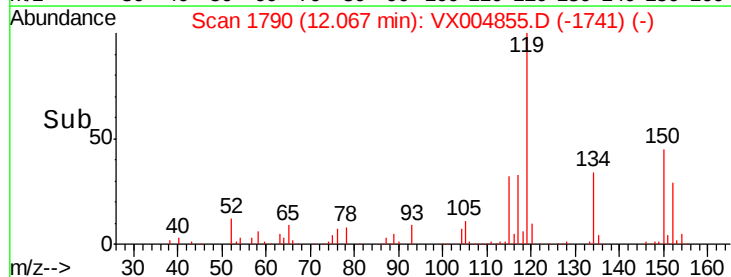
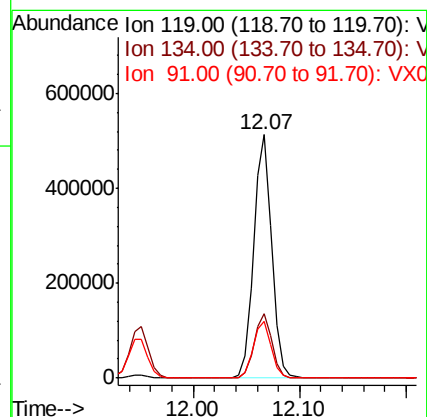
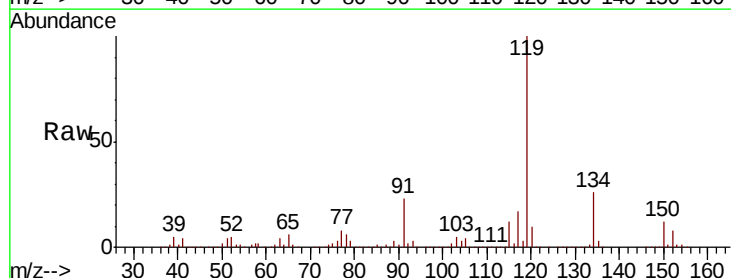
Tgt Ion:119 Resp: 605889

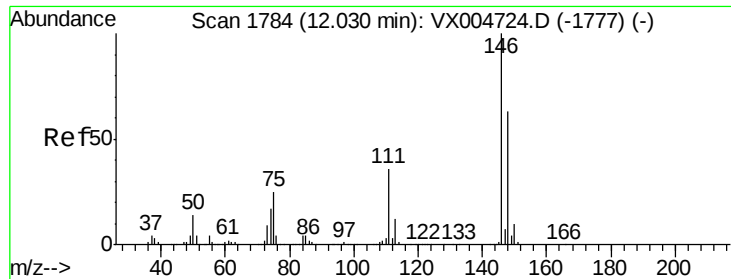
Ion Ratio Lower Upper

119 100

134 26.3 13.4 40.2

91 23.3 10.9 32.7





#87

1,3-Dichlorobenzene

Concen: 51.351 ug/l

RT: 12.03 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX004855.D

Acq: 29 Sep 2018 07:12

Instrument :

MSVOA_X

ClientSampleId :

SA-TW505-0913MS

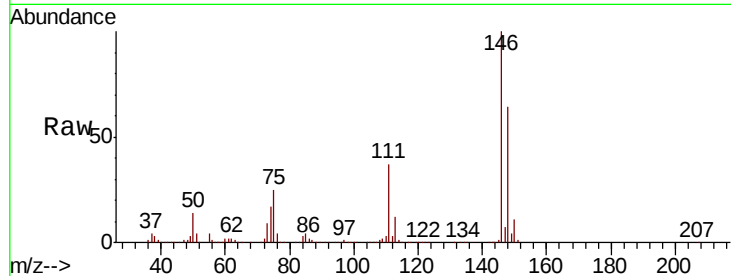
Tot Ion:146 Resp: 337985

Ion Ratio Lower Upper

146 100

111 38.2 18.7 56.1

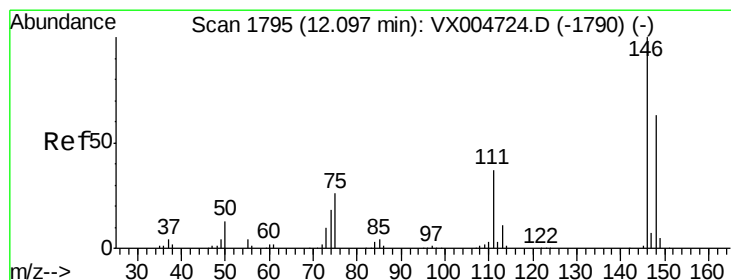
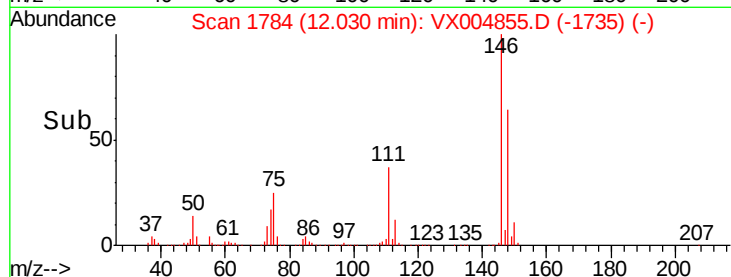
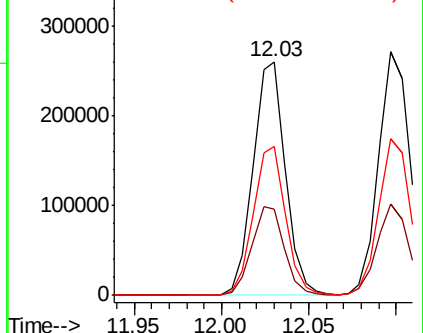
148 63.6 32.1 96.5



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



#88

1,4-Dichlorobenzene

Concen: 50.410 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX004855.D

Acq: 29 Sep 2018 07:12

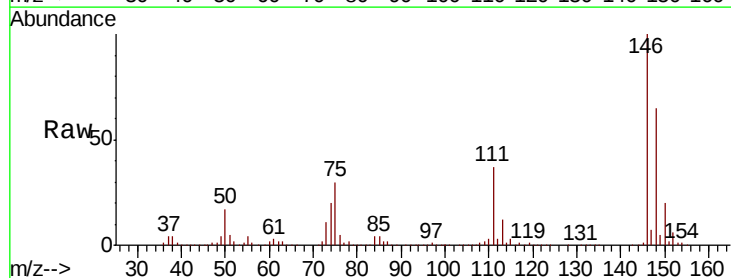
Tgt Ion:146 Resp: 342506

Ion Ratio Lower Upper

146 100

111 37.6 18.1 54.1

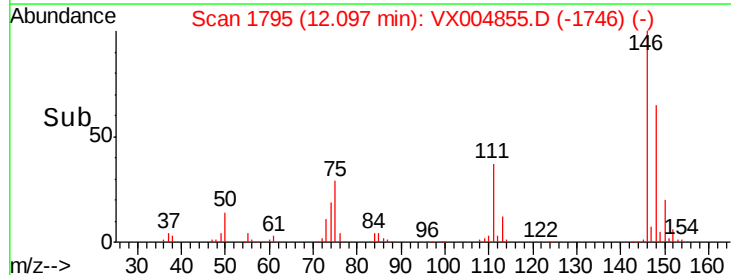
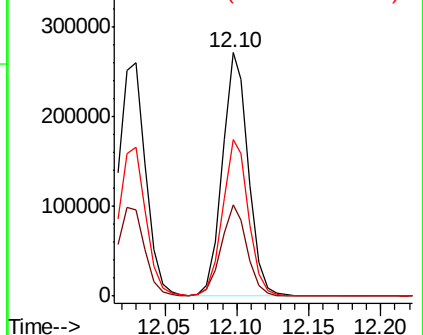
148 64.7 32.0 96.0

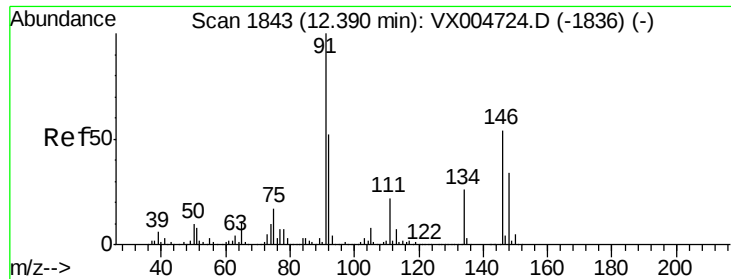


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

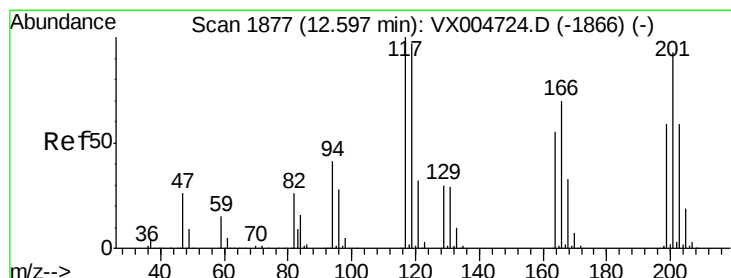
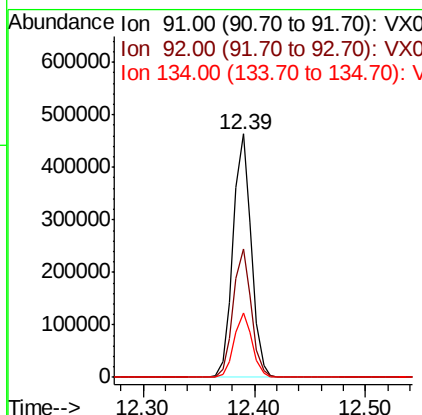
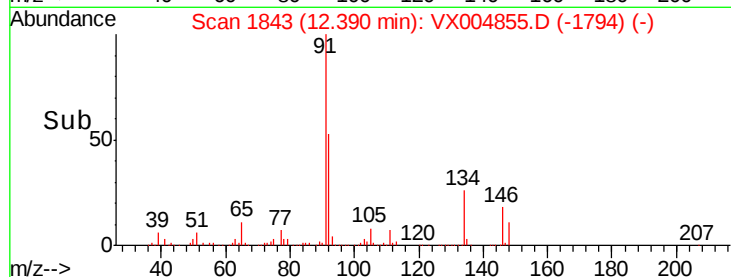
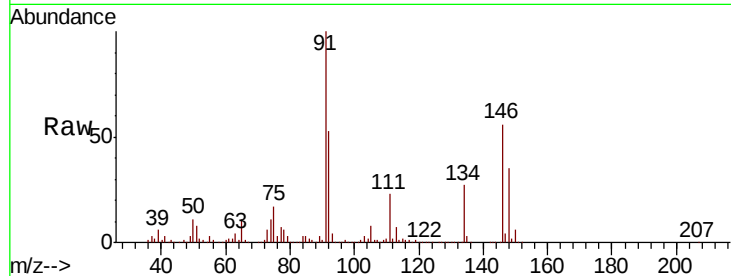




#89
n-Butylbenzene
Concen: 52.378 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX004855.D
Acq: 29 Sep 2018 07:12

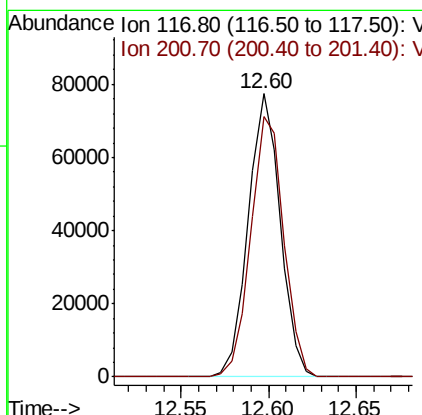
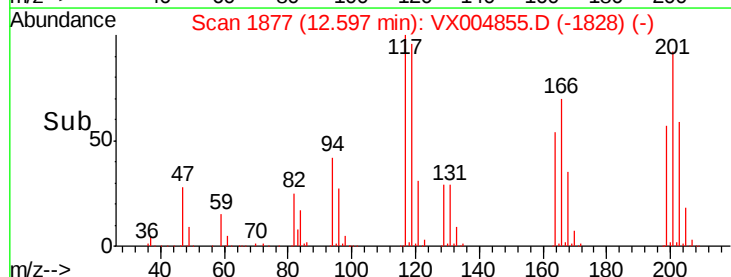
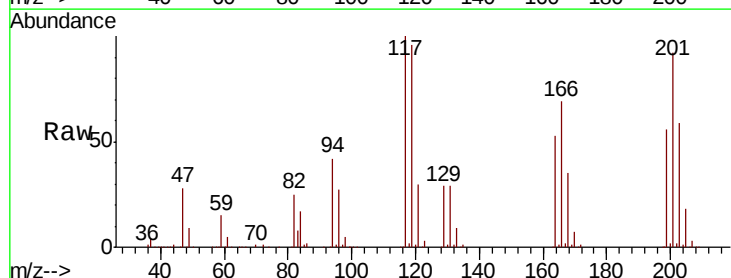
Instrument :
MSVOA_X
ClientSampleId :
SA-TW505-0913MS

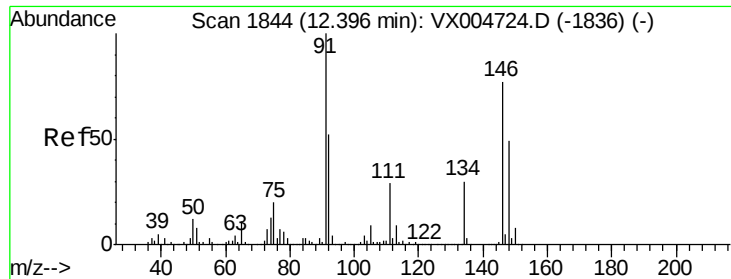
Tot Ion: 91 Resp: 524503
Ion Ratio Lower Upper
91 100
92 52.3 27.3 81.9
134 26.5 13.6 40.7



#90
Hexachloroethane
Concen: 53.502 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX004855.D
Acq: 29 Sep 2018 07:12

Tgt Ion: 117 Resp: 98219
Ion Ratio Lower Upper
117 100
201 94.9 46.9 140.6

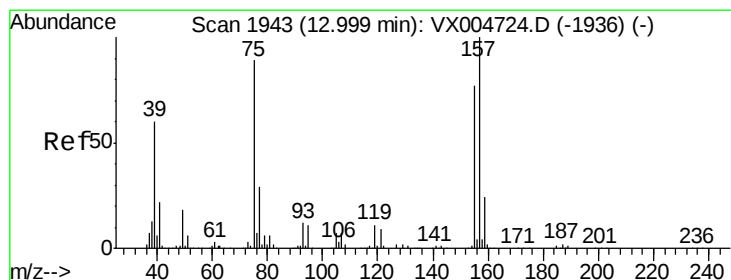
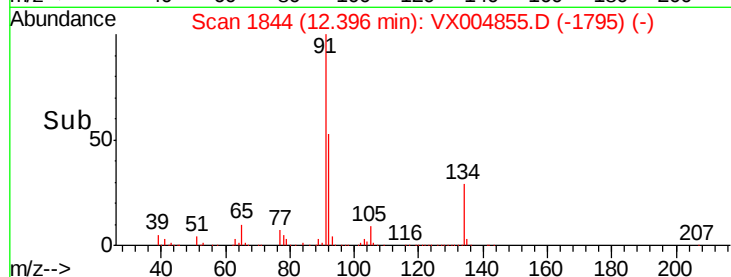
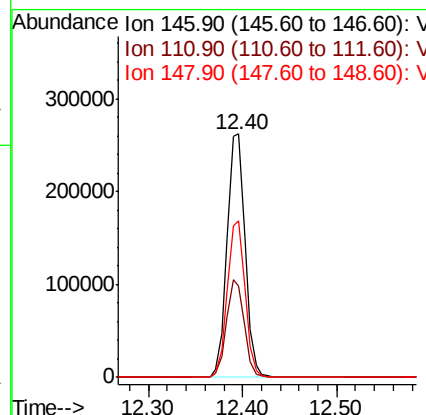
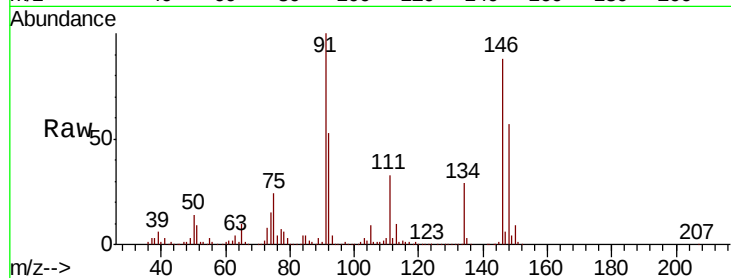




#91
 1,2-Dichlorobenzene
 Concen: 50.397 ug/l
 RT: 12.40 min Scan# 1844
 Delta R.T. 0.00 min
 Lab File: VX004855.D
 Acq: 29 Sep 2018 07:12

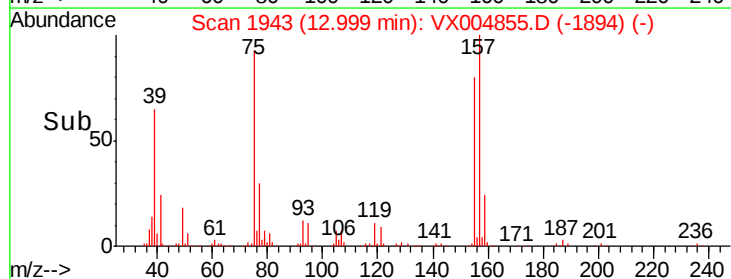
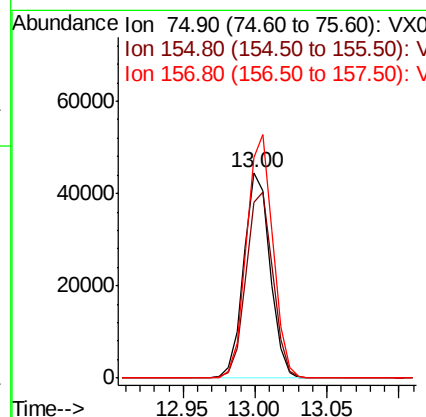
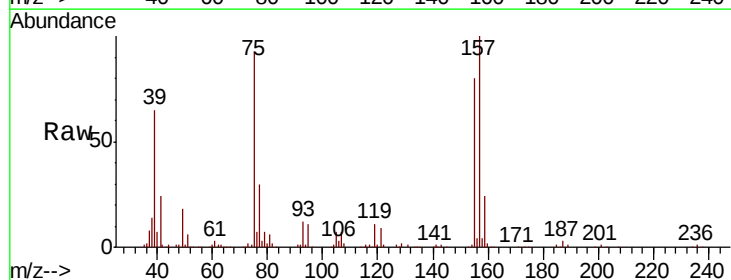
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW505-0913MS

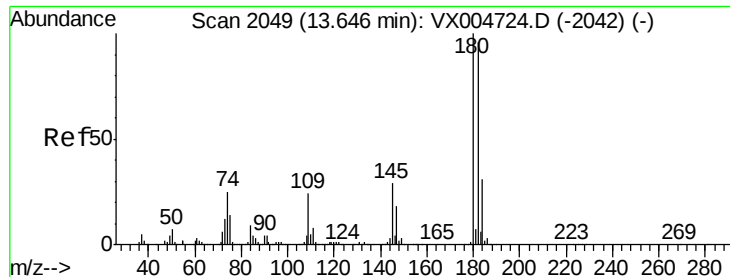
Tot Ion:146 Resp: 346648
 Ion Ratio Lower Upper
 146 100
 111 39.4 19.4 58.1
 148 63.5 32.8 98.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.088 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX004855.D
 Acq: 29 Sep 2018 07:12

Tgt Ion: 75 Resp: 56497
 Ion Ratio Lower Upper
 75 100
 155 91.8 48.0 144.2
 157 117.8 61.4 184.1

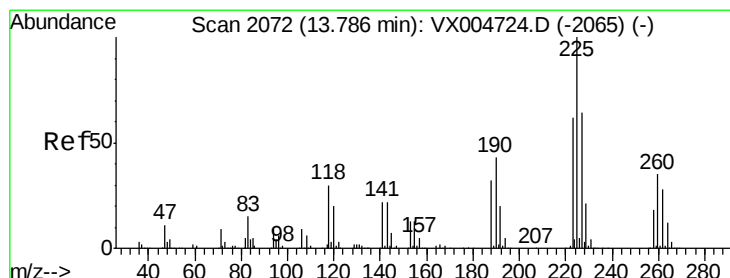
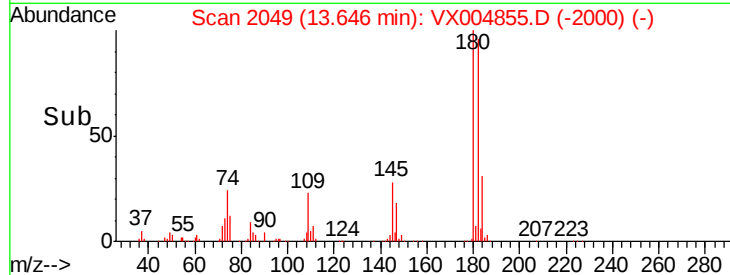
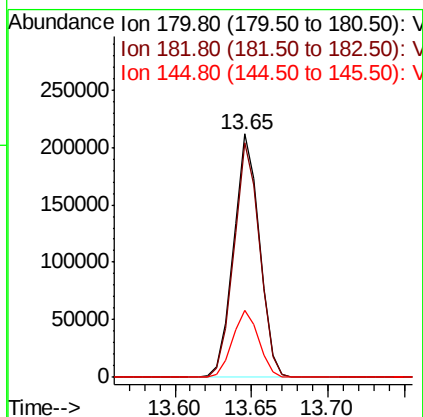
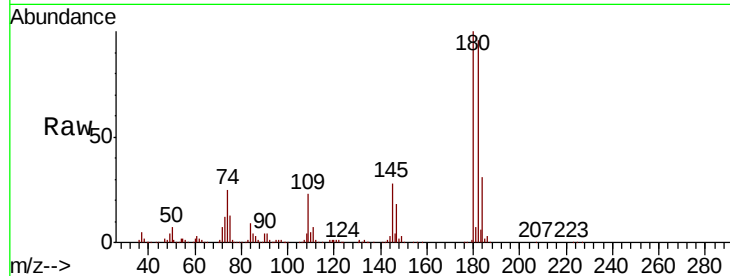




#93
 1,2,4-Trichlorobenzene
 Concen: 51.170 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX004855.D
 Acq: 29 Sep 2018 07:12

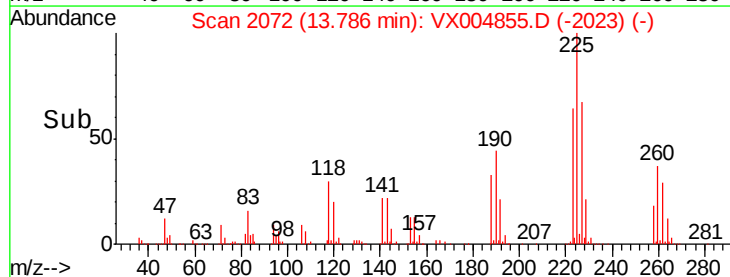
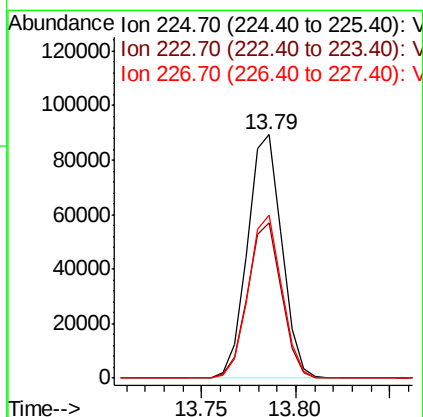
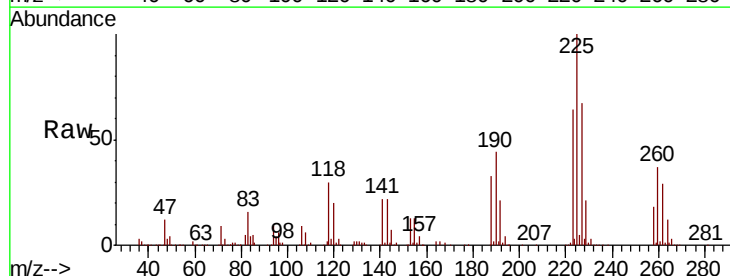
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW505-0913MS

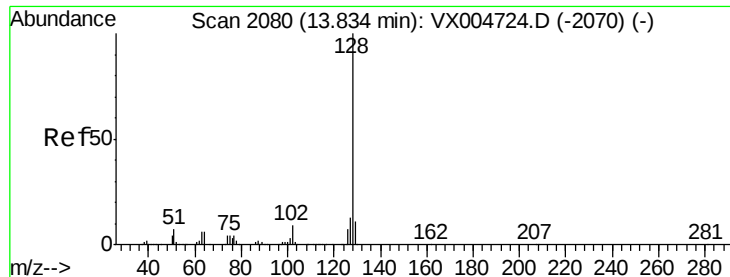
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.0	48.4	145.0
145	28.1	14.3	42.9



#94
 Hexachlorobutadiene
 Concen: 45.021 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VX004855.D
 Acq: 29 Sep 2018 07:12

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	30.1	90.5
227	65.3	30.8	92.4

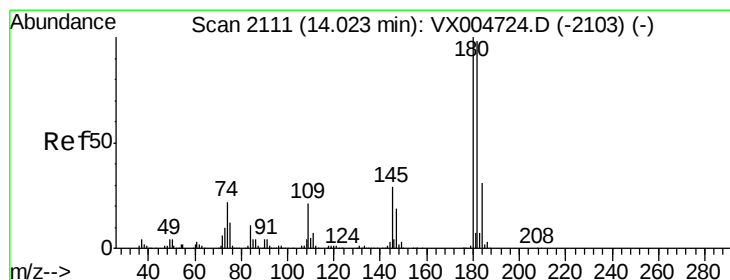
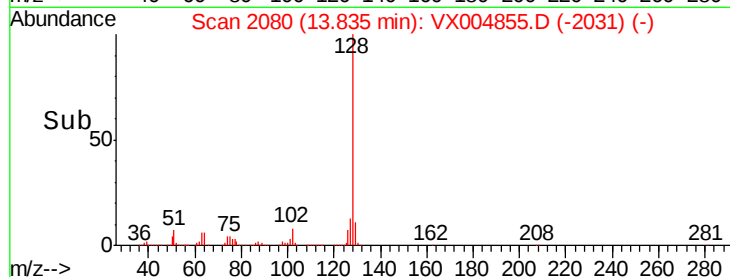
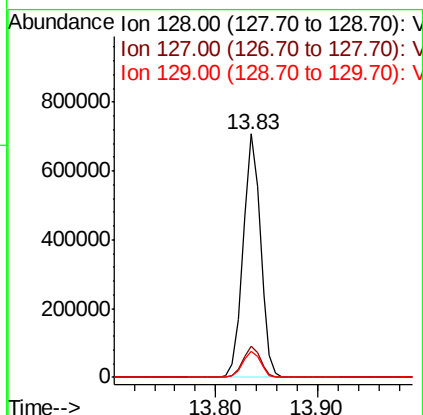
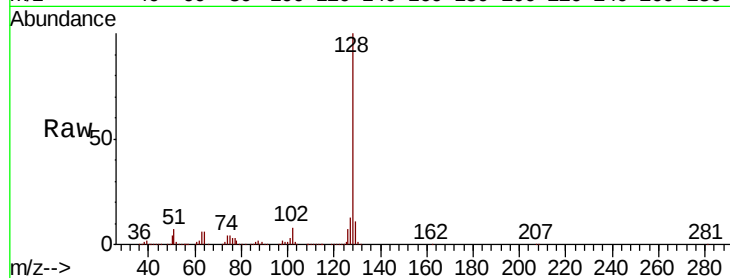




#95
Naphthalene
Concen: 51.655 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX004855.D
Acq: 29 Sep 2018 07:12

Instrument :
MSVOA_X
ClientSampleId :
SA-TW505-0913MS

Tot Ion:128 Resp: 827630
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 11.0 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 51.943 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. 0.00 min
Lab File: VX004855.D
Acq: 29 Sep 2018 07:12

Tgt Ion:180 Resp: 258899
Ion Ratio Lower Upper
180 100
182 96.5 48.5 145.6
145 30.0 14.9 44.9

