

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110918\
 Data File : VX005872.D
 Acq On : 09 Nov 2018 19:58
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 11 23:53:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	109066	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	148413	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	130548	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	74393	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	62846	50.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.24%	
35) Dibromofluoromethane	5.51	113	51150	50.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.34%	
50) Toluene-d8	8.71	98	172333	51.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.70%	
62) 4-Bromofluorobenzene	11.14	95	64738	53.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	50979	51.842	ug/l	94
3) Chloromethane	1.32	50	69992	54.235	ug/l	93
4) Vinyl Chloride	1.41	62	65352	50.443	ug/l	97
5) Bromomethane	1.64	94	33774	42.599	ug/l	100
6) Chloroethane	1.71	64	38569	49.894	ug/l	99
7) Trichlorofluoromethane	1.92	101	86871	50.515	ug/l	99
8) Diethyl Ether	2.19	74	32627	48.419	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.38	101	48275	48.809	ug/l	98
10) Methyl Iodide	2.51	142	60002	50.055	ug/l	100
11) Tert butyl alcohol	3.07	59	88117	245.324	ug/l	100
12) 1,1-Dichloroethene	2.37	96	45996	47.713	ug/l	97
13) Acrolein	2.29	56	40200	235.896	ug/l	98
14) Allyl chloride	2.73	41	106774	49.592	ug/l	99
15) Acrylonitrile	3.15	53	193128	259.451	ug/l	98
16) Acetone	2.45	43	175565	260.055	ug/l	97
17) Carbon Disulfide	2.57	76	138171	48.051	ug/l	97
18) Methyl Acetate	2.78	43	107108	59.483	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	173424	52.708	ug/l	92
20) Methylene Chloride	2.85	84	52137	47.014	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	50303	49.472	ug/l	91
22) Diisopropyl ether	3.87	45	194114	51.466	ug/l	97
23) Vinyl Acetate	3.82	43	874559	270.436	ug/l	99
24) 1,1-Dichloroethane	3.70	63	102363	50.870	ug/l	99
25) 2-Butanone	4.70	43	265557	250.201	ug/l	99
26) 2,2-Dichloropropane	4.58	77	69311	46.956	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	56042	49.915	ug/l	98
28) Bromochloromethane	5.02	49	47277	52.570	ug/l	98
29) Tetrahydrofuran	5.16	42	183836	269.759	ug/l	98
30) Chloroform	5.21	83	96771	49.847	ug/l	96
31) Cyclohexane	5.57	56	88562	50.701	ug/l	87
32) 1,1,1-Trichloroethane	5.49	97	84880	52.418	ug/l	99
36) 1,1-Dichloropropene	5.80	75	73710	51.519	ug/l	100
37) Ethyl Acetate	4.85	43	98186	52.186	ug/l	99
38) Carbon Tetrachloride	5.77	117	76779	53.604	ug/l	88

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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)
39) Methylcyclohexane	7.46	83	77598	53.512	ug/l	96
40) Benzene	6.14	78	230691	55.309	ug/l	96
41) Methacrylonitrile	5.06	41	53772	52.892	ug/l	98
42) 1,2-Dichloroethane	6.20	62	79864	53.459	ug/l	99
43) Isopropyl Acetate	6.46	43	150391	55.164	ug/l	99
44) Trichloroethene	7.21	130	55266	52.176	ug/l	90
45) 1,2-Dichloropropane	7.52	63	53965	53.306	ug/l	95
46) Dibromomethane	7.66	93	33192	52.249	ug/l	99
47) Bromodichloromethane	7.90	83	66018	54.989	ug/l	99
48) Methyl methacrylate	7.77	41	67654	55.267	ug/l	100
49) 1,4-Dioxane	7.76	88	29601	1122.171	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	460774	268.175	ug/l	98
52) Toluene	8.79	92	119176	51.125	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	73051	51.561	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	79387	54.975	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	49388	47.539	ug/l	95
56) Ethyl methacrylate	9.18	69	78050	50.210	ug/l	99
57) 1,3-Dichloropropane	9.37	76	82630	47.329	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	233773	275.130	ug/l	96
59) 2-Hexanone	9.50	43	367197	242.454	ug/l	100
60) Dibromochloromethane	9.58	129	52981	47.187	ug/l	99
61) 1,2-Dibromoethane	9.67	107	52249	45.482	ug/l	99
64) Tetrachloroethene	9.33	164	52253	47.012	ug/l	99
65) Chlorobenzene	10.14	112	133616	51.090	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	49307	54.230	ug/l	99
67) Ethyl Benzene	10.25	91	231897	55.297	ug/l	100
68) m/p-Xylenes	10.36	106	179091	111.957	ug/l	99
69) o-Xylene	10.70	106	85737	59.772	ug/l	99
70) Styrene	10.71	104	144393	61.023	ug/l	99
71) Bromoform	10.86	173	44690	58.634	ug/l #	97
73) Isopropylbenzene	11.02	105	237480	55.202	ug/l	100
74) N-amyl acetate	10.90	43	121312	50.250	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	82195	52.053	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	100442	66.307	ug/l	85
77) Bromobenzene	11.26	156	62186	51.284	ug/l	100
78) n-propylbenzene	11.36	91	275484	54.335	ug/l	99
79) 2-Chlorotoluene	11.42	91	162730	53.101	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	204962	56.064	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	25538	53.732	ug/l	96
82) 4-Chlorotoluene	11.51	91	194848	53.949	ug/l	99
83) tert-Butylbenzene	11.77	119	200617	54.242	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	209199	51.856	ug/l	100
85) sec-Butylbenzene	11.94	105	243206	53.774	ug/l	100
86) p-Isopropyltoluene	12.07	119	217986	54.413	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	115562	49.659	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	117184	49.190	ug/l	99
89) n-Butylbenzene	12.39	91	192775	51.920	ug/l	100
90) Hexachloroethane	12.60	117	36836	55.073	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	117207	50.277	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	21095	54.746	ug/l	99

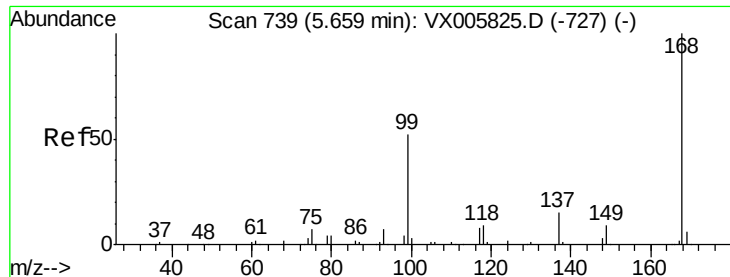
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	87390	53.250	ug/l	100
94) Hexachlorobutadiene	13.79	225	43204	50.116	ug/l	97
95) Naphthalene	13.83	128	273431	51.063	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	89919	53.781	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005872.D

Acq: 09 Nov 2018 19:58

Instrument :

MSVOA_X

ClientSampleId :

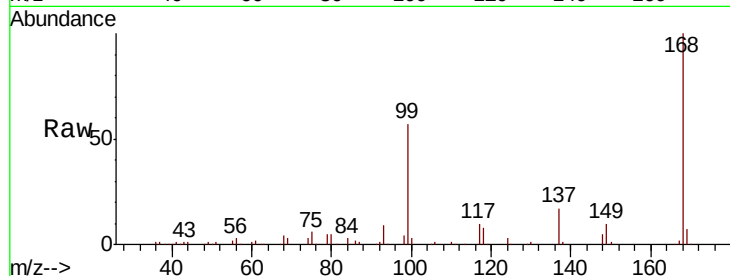
VSTDCCC050EC

Tot Ion:168 Resp: 109066

Ion Ratio Lower Upper

168 100

99 56.6 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

40000

30000

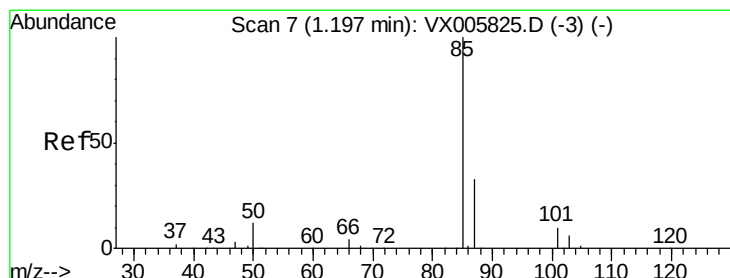
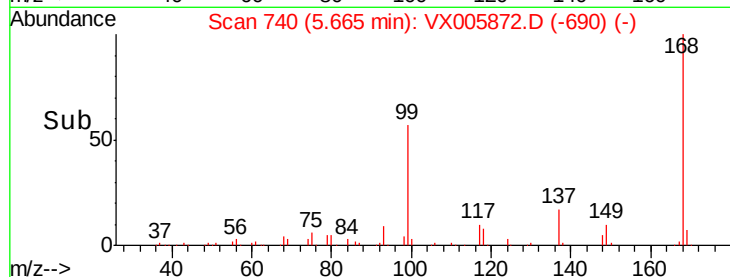
20000

10000

0

5.50 5.60 5.70 5.80 5.90

Time-->



#2

Dichlorodifluoromethane

Concen: 51.842 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005872.D

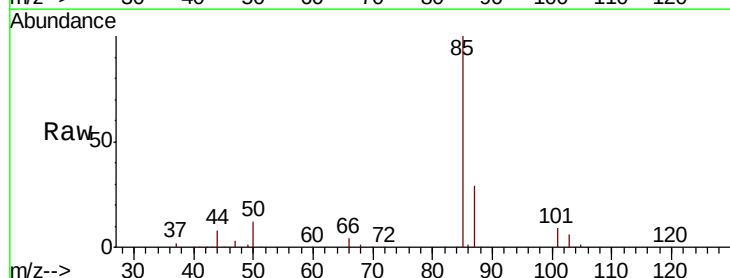
Acq: 09 Nov 2018 19:58

Tgt Ion: 85 Resp: 50979

Ion Ratio Lower Upper

85 100

87 29.2 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

60000

50000

40000

30000

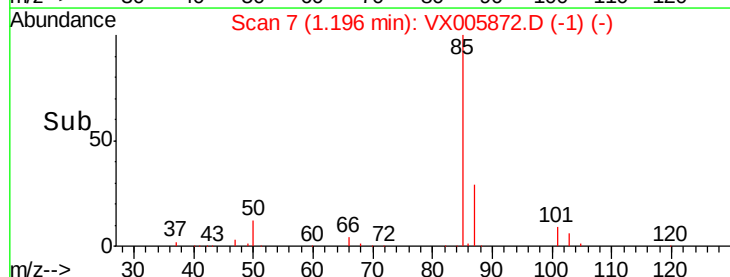
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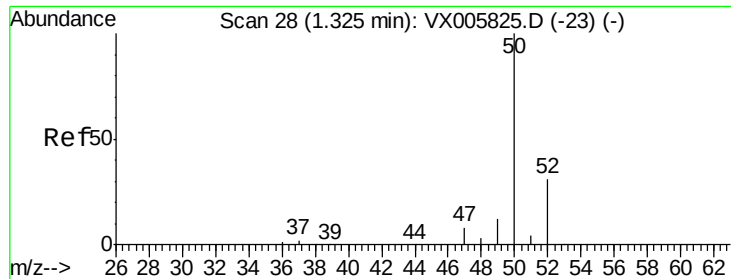
10000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 54.235 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005872.D

Acq: 09 Nov 2018 19:58

Instrument :

MSVOA_X

ClientSampleId :

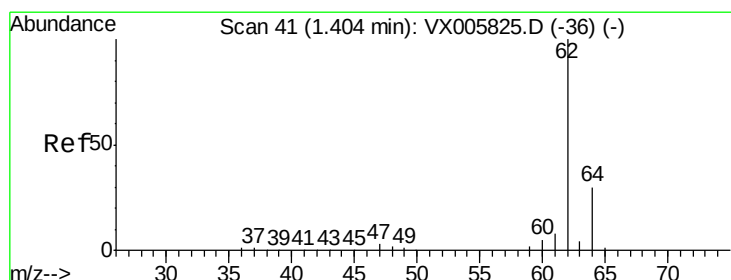
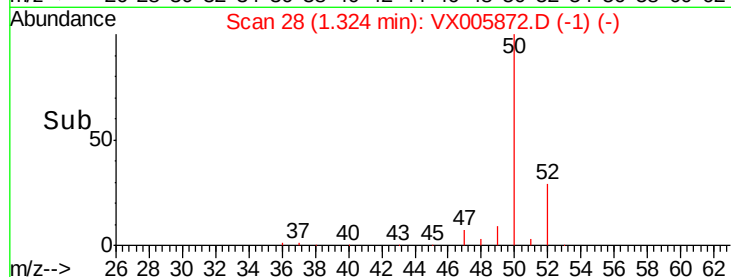
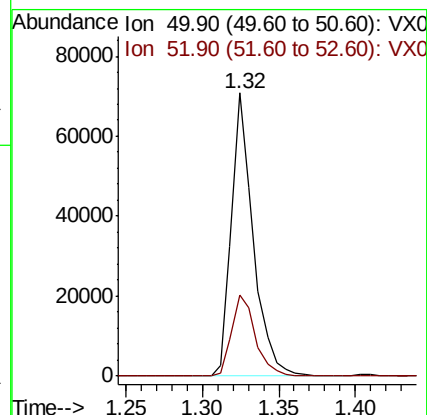
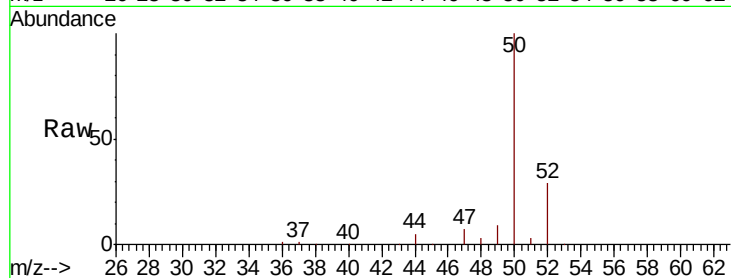
VSTDCCC050EC

Tot Ion: 50 Resp: 69992

Ion Ratio Lower Upper

50 100

52 28.8 26.2 39.2



#4

Vinyl Chloride

Concen: 50.443 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.01 min

Lab File: VX005872.D

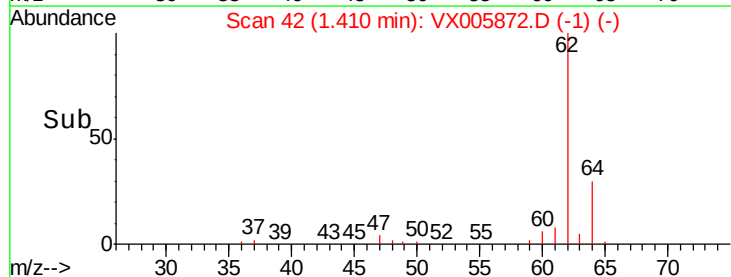
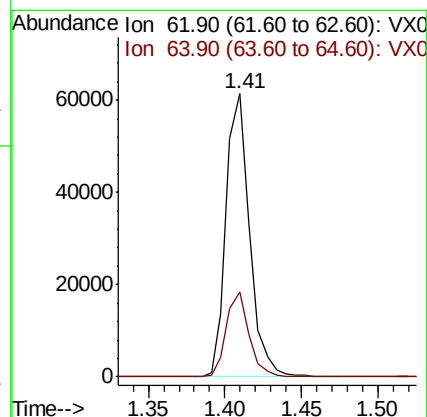
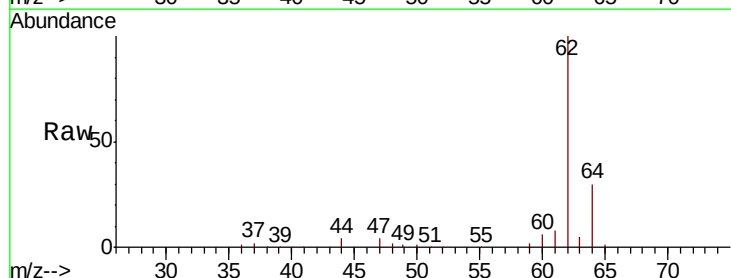
Acq: 09 Nov 2018 19:58

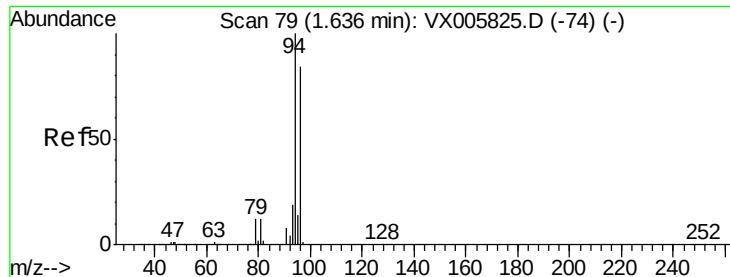
Tgt Ion: 62 Resp: 65352

Ion Ratio Lower Upper

62 100

64 30.2 25.3 37.9





#5

Bromomethane

Concen: 42.599 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005872.D

Acq: 09 Nov 2018 19:58

Instrument :

MSVOA_X

ClientSampleId :

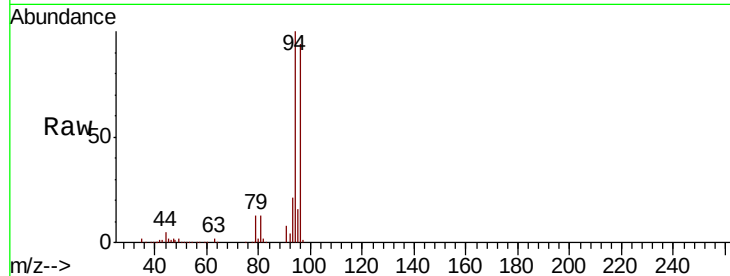
VSTDCCC050EC

Tot Ion: 94 Resp: 33774

Ion Ratio Lower Upper

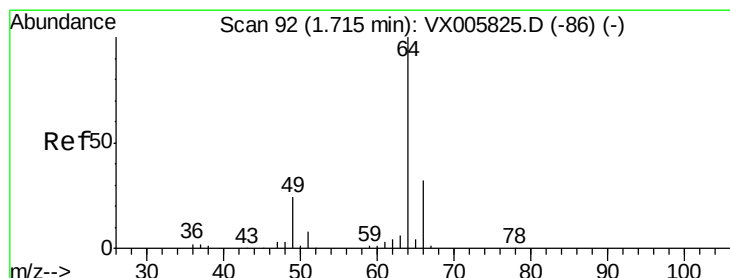
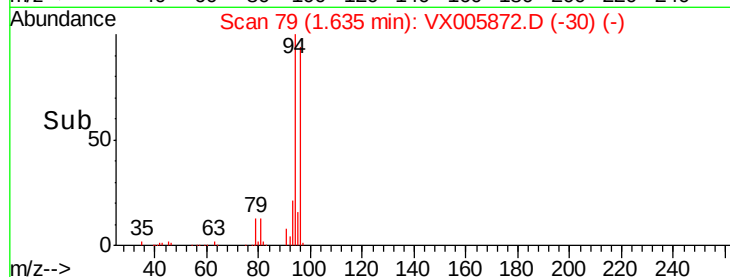
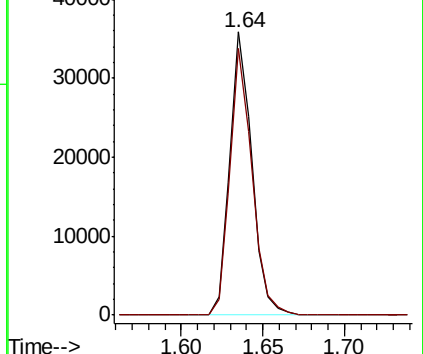
94 100

96 94.4 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 49.894 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX005872.D

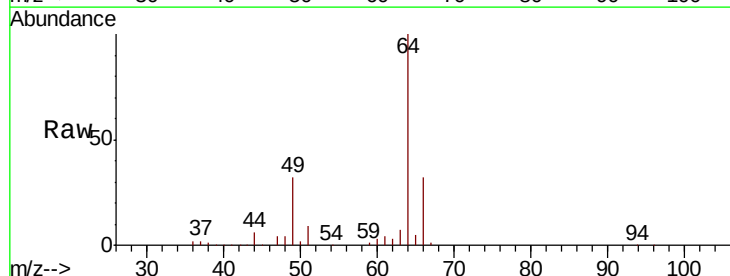
Acq: 09 Nov 2018 19:58

Tgt Ion: 64 Resp: 38569

Ion Ratio Lower Upper

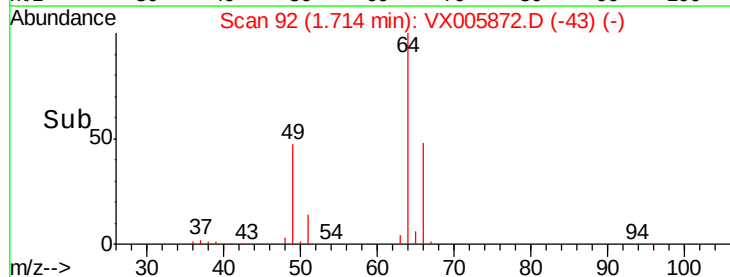
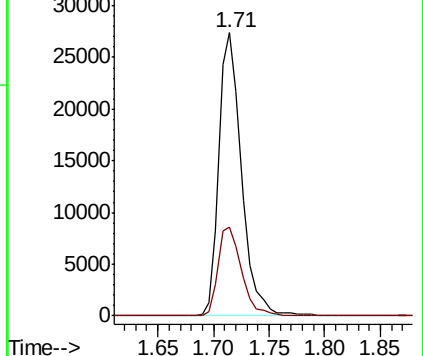
64 100

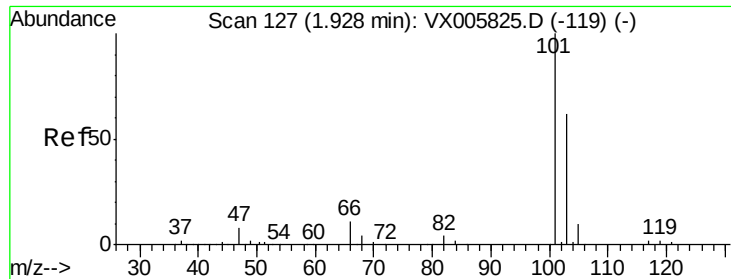
66 31.6 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



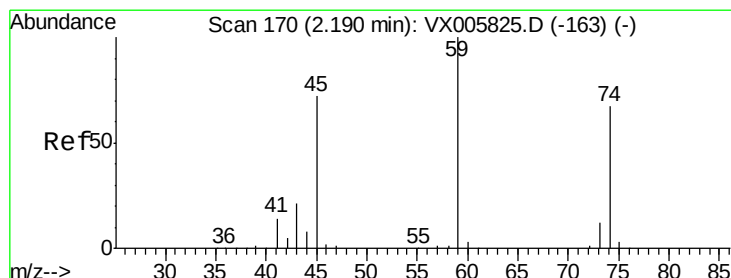
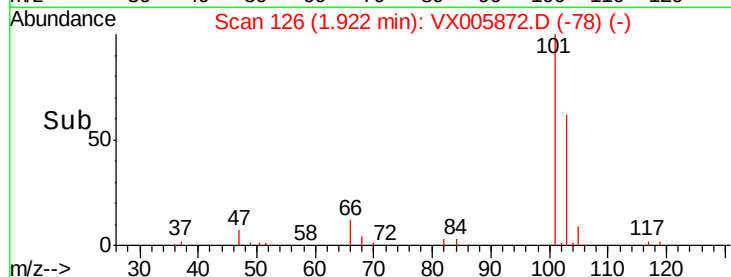
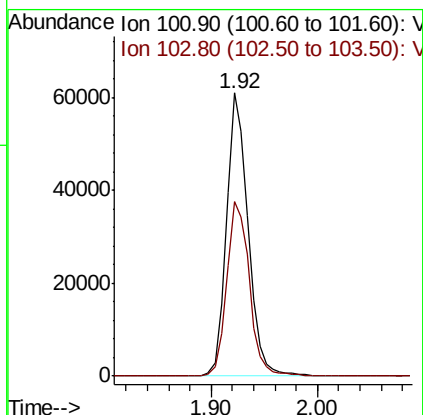
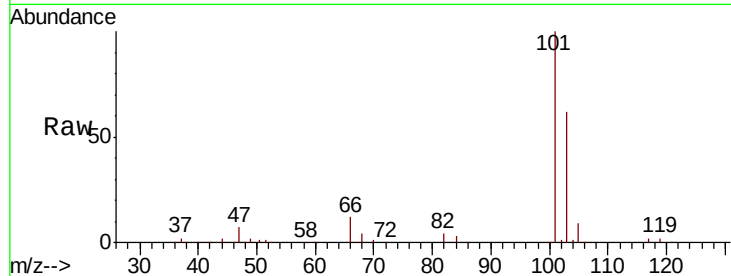


#7

Trichlorofluoromethane
 Concen: 50.515 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.01 min
 Lab File: VX005872.D
 Acq: 09 Nov 2018 19:58

Instrument :
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 ClientSampleId :
 VSTDCCC050EC

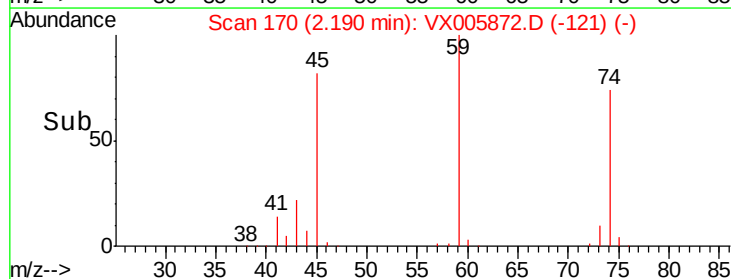
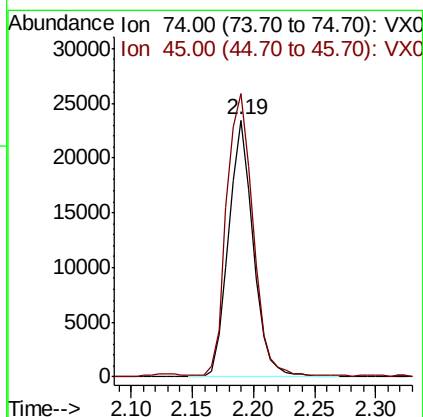
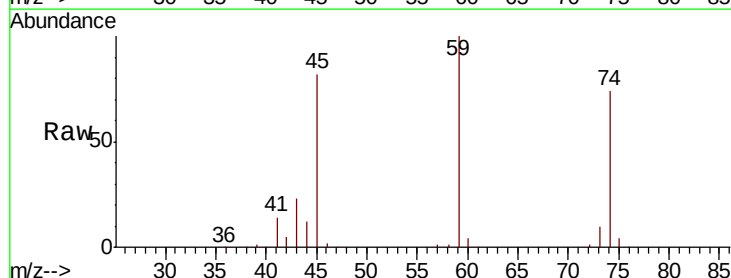
Tot Ion:101 Resp: 86871
 Ion Ratio Lower Upper
 101 100
 103 61.8 50.0 75.0

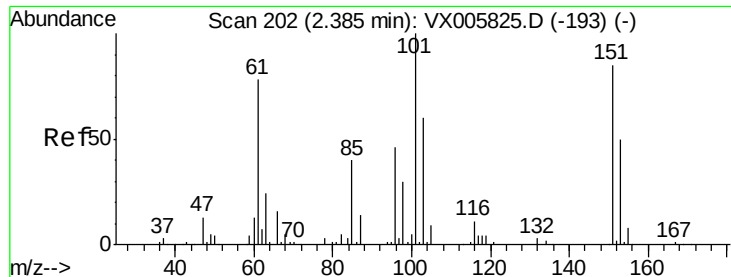


#8

Diethyl Ether
 Concen: 48.419 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX005872.D
 Acq: 09 Nov 2018 19:58

Tgt Ion: 74 Resp: 32627
 Ion Ratio Lower Upper
 74 100
 45 119.0 54.1 162.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.809 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX005872.D

Acq: 09 Nov 2018 19:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

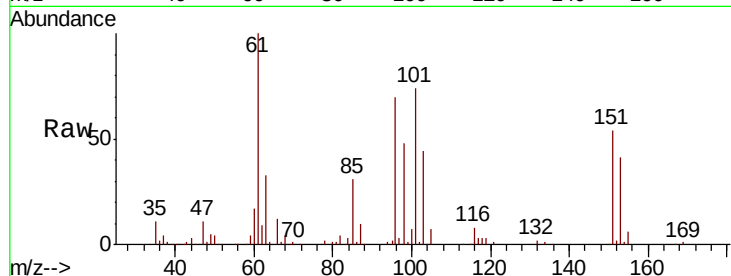
Tot Ion:101 Resp: 48275

Ion Ratio Lower Upper

101 100

85 43.8 35.0 52.4

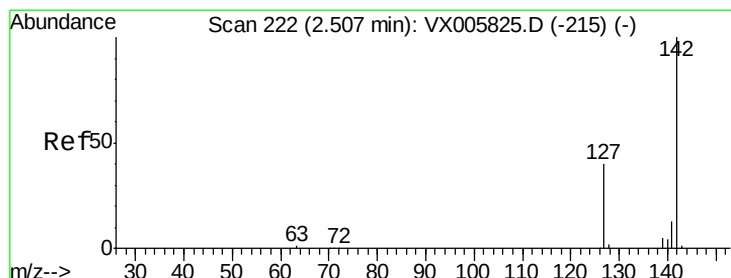
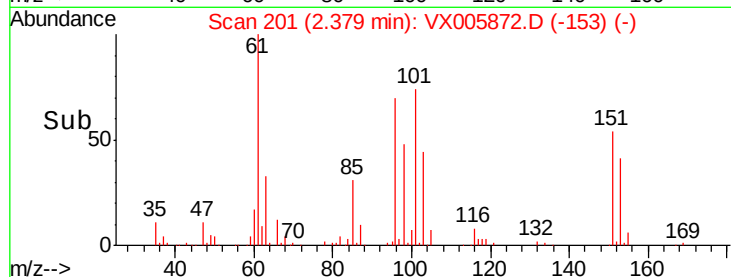
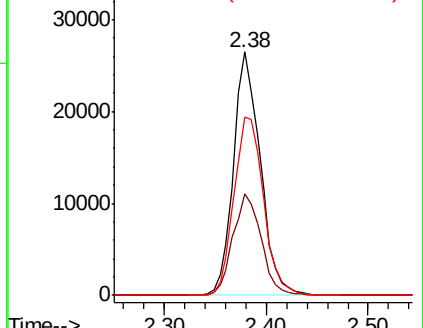
151 80.3 66.2 99.2



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: 50.055 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX005872.D

Acq: 09 Nov 2018 19:58

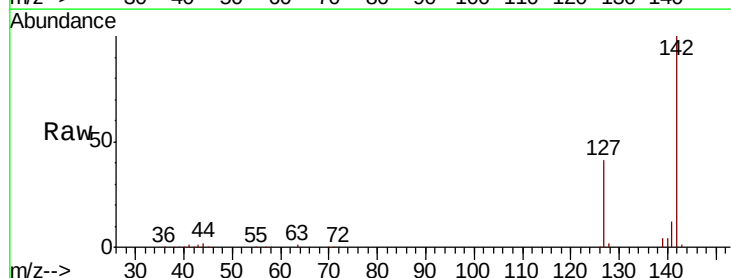
Tgt Ion:142 Resp: 60002

Ion Ratio Lower Upper

142 100

127 44.9 36.0 54.0

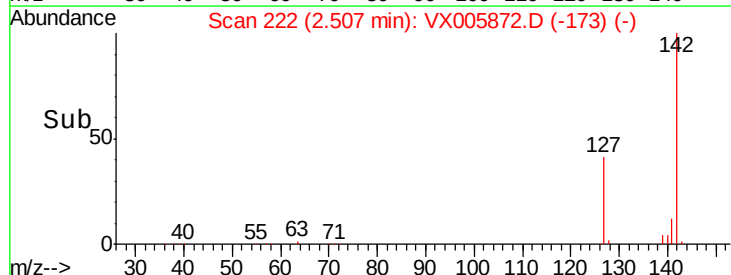
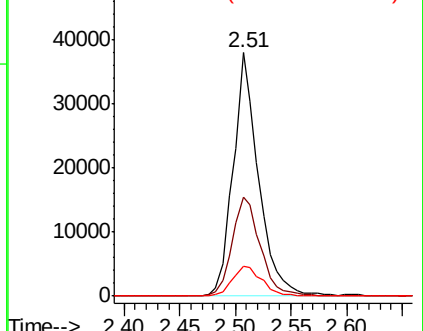
141 14.2 11.7 17.5

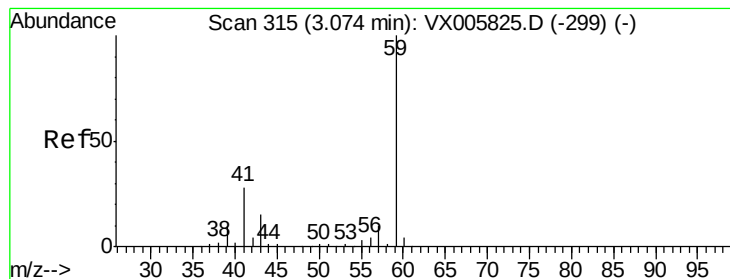


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



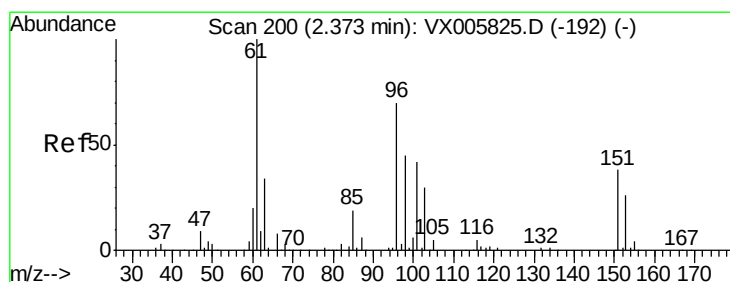
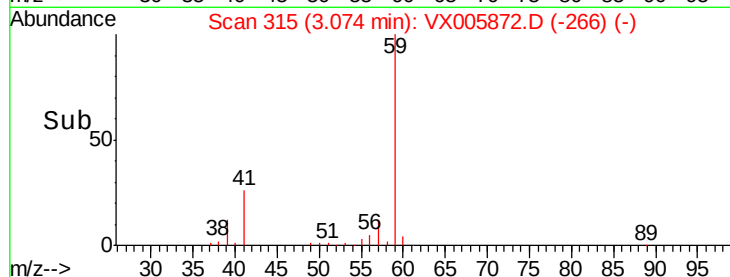
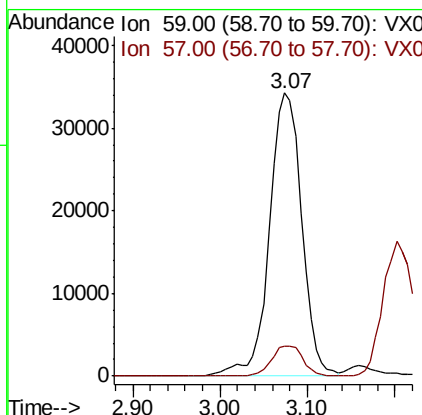
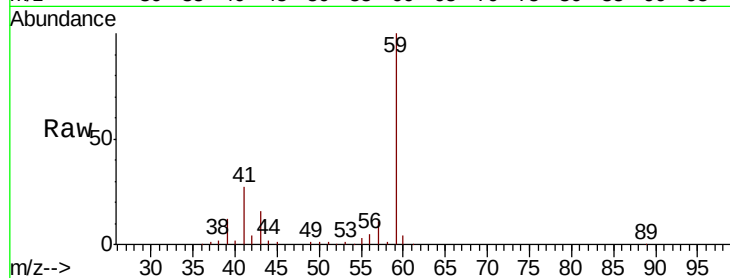


#11

Tert butyl alcohol
 Concen: 245.324 ug/l
 RT: 3.07 min Scan# 315
 Delta R.T. -0.00 min
 Lab File: VX005872.D
 Acq: 09 Nov 2018 19:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

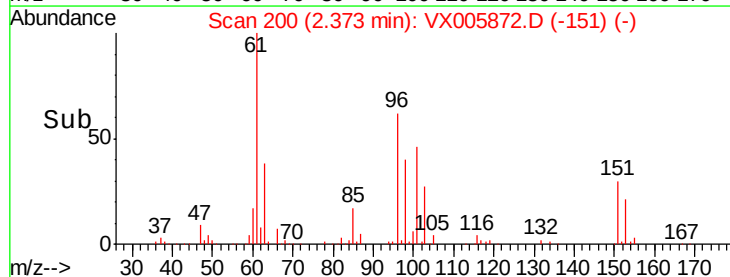
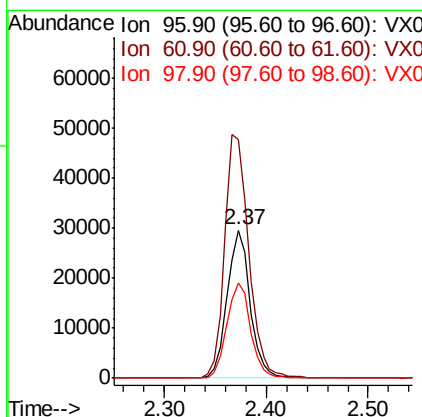
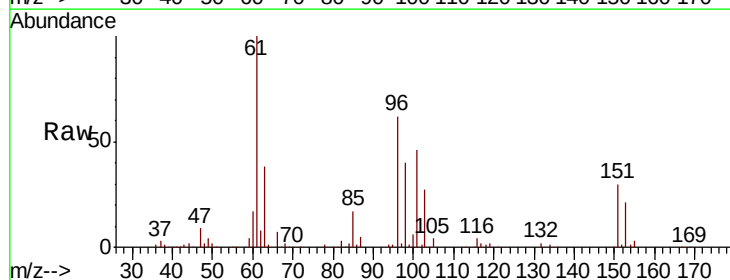
Tot Ion: 59 Resp: 88117
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.5 12.7

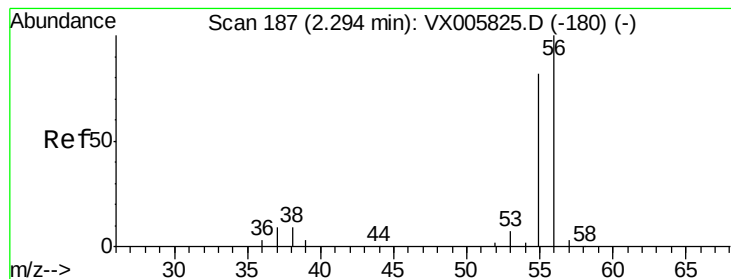


#12

1,1-Dichloroethene
 Concen: 47.713 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX005872.D
 Acq: 09 Nov 2018 19:58

Tgt Ion: 96 Resp: 45996
 Ion Ratio Lower Upper
 96 100
 61 161.8 131.8 197.8
 98 64.2 53.4 80.2





#13

Acrolein

Concen: 235.896 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX005872.D

Acq: 09 Nov 2018 19:58

Instrument :

MSVOA_X

ClientSampleId :

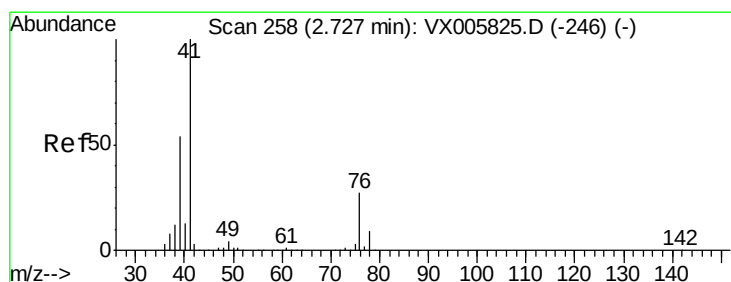
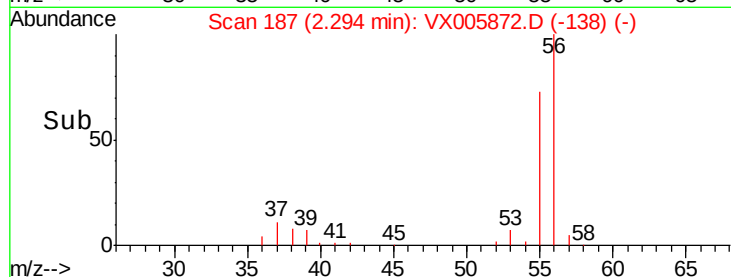
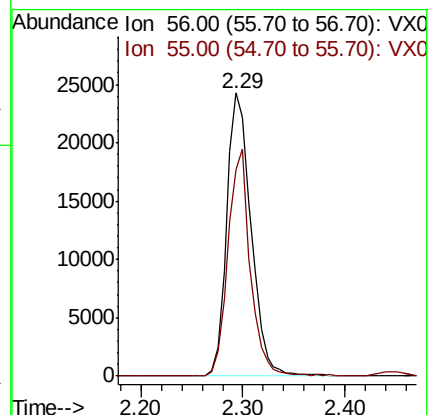
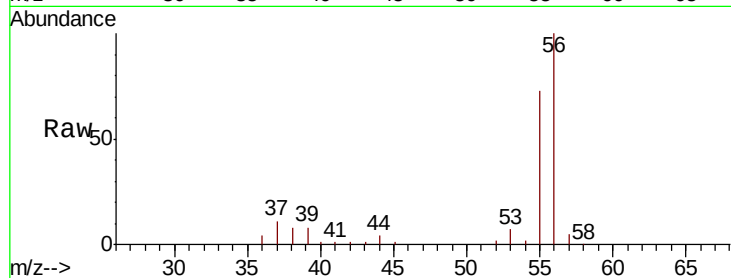
VSTDCCC050EC

Tot Ion: 56 Resp: 40200

Ion Ratio Lower Upper

56 100

55 73.6 57.3 85.9



#14

Allyl chloride

Concen: 49.592 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX005872.D

Acq: 09 Nov 2018 19:58

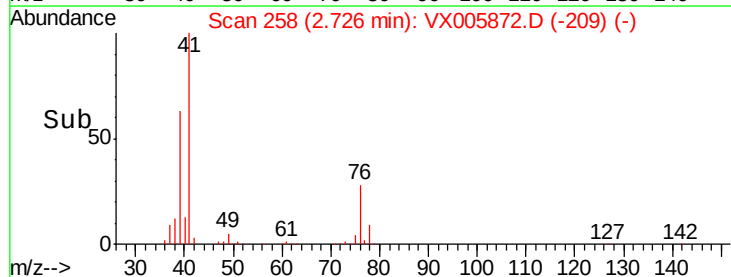
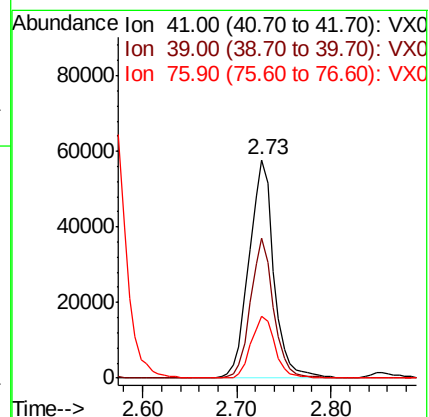
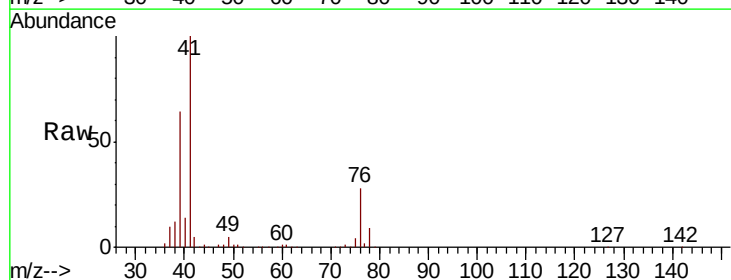
Tgt Ion: 41 Resp: 106774

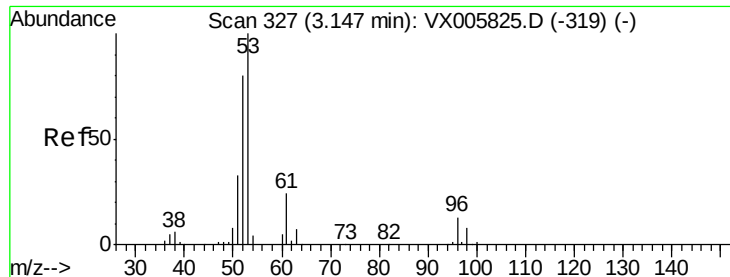
Ion Ratio Lower Upper

41 100

39 59.5 48.2 72.4

76 27.5 21.9 32.9





#15

Acrylonitrile

Concen: 259.451 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.01 min

Lab File: VX005872.D

Acq: 09 Nov 2018 19:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

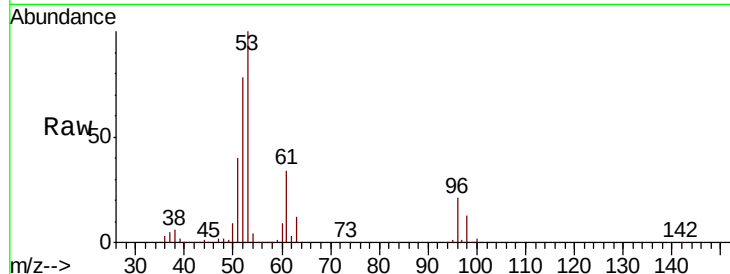
Tot Ion: 53 Resp: 193128

Ion Ratio Lower Upper

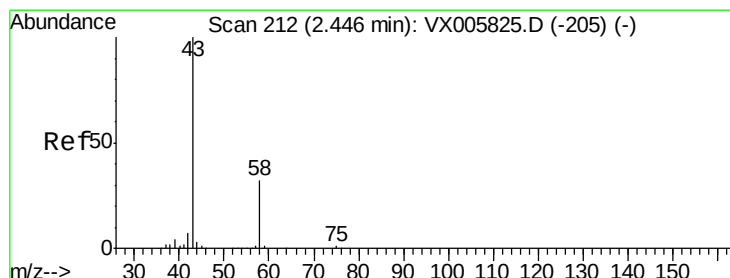
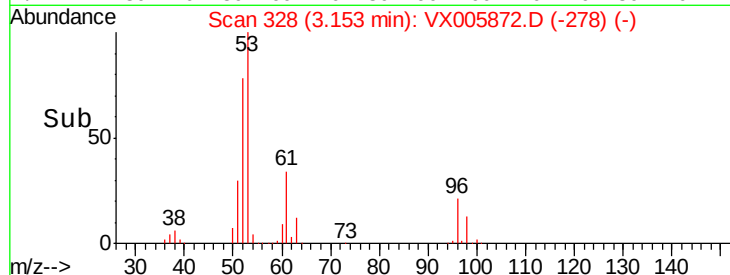
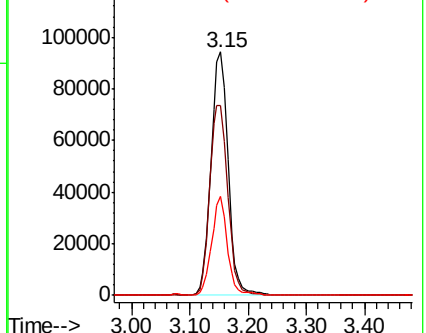
53 100

52 81.8 66.6 99.8

51 37.0 28.4 42.6



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: 260.055 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005872.D

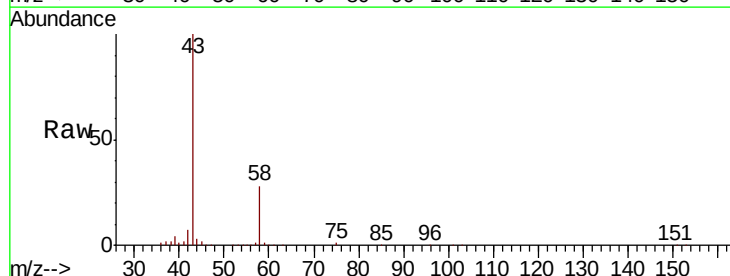
Acq: 09 Nov 2018 19:58

Tgt Ion: 43 Resp: 175565

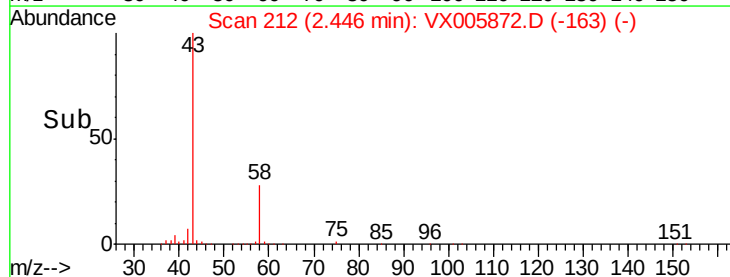
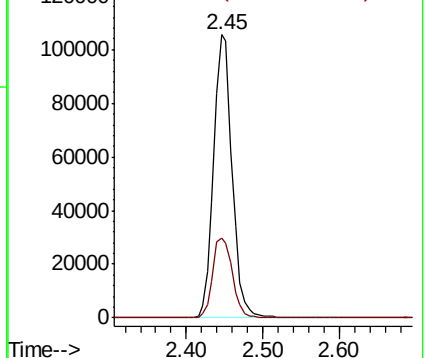
Ion Ratio Lower Upper

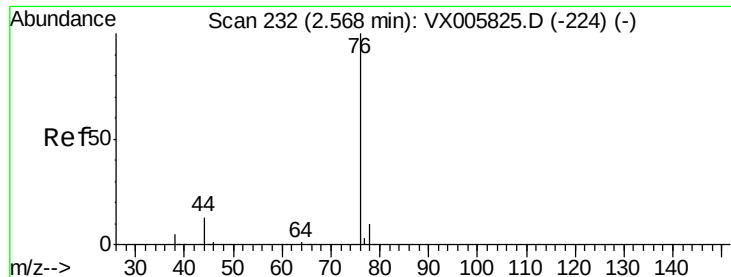
43 100

58 28.2 23.8 35.6



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





#17

Carbon Disulfide

Concen: 48.051 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX005872.D

Acq: 09 Nov 2018 19:58

Instrument :

MSVOA_X

ClientSampleId :

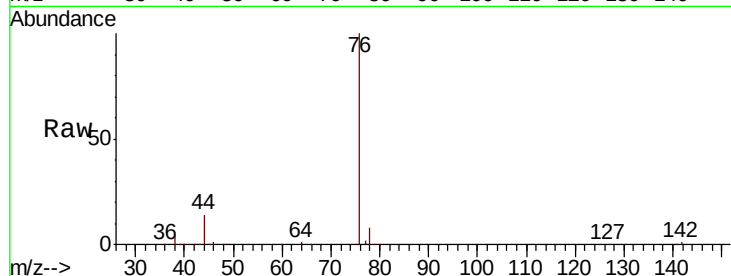
VSTDCCC050EC

Tot Ion: 76 Resp: 138171

Ion Ratio Lower Upper

76 100

78 8.1 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

100000

80000

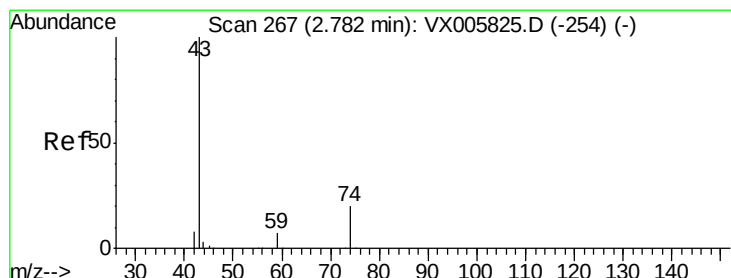
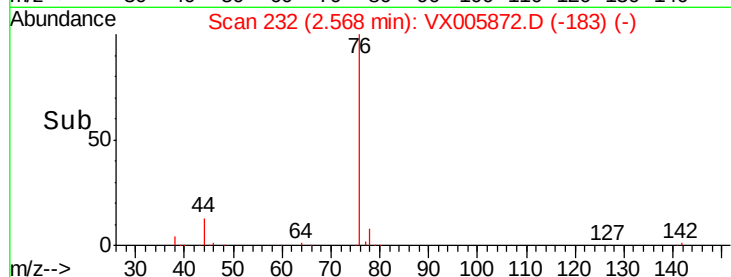
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 59.483 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX005872.D

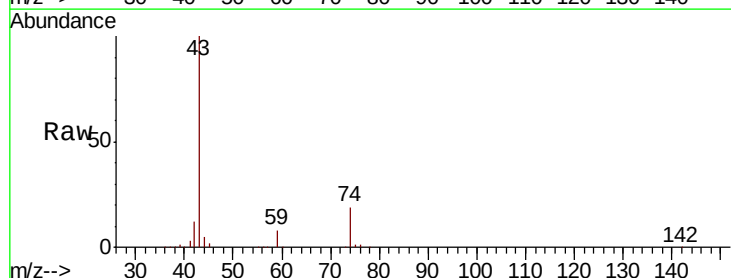
Acq: 09 Nov 2018 19:58

Tgt Ion: 43 Resp: 107108

Ion Ratio Lower Upper

43 100

74 19.9 16.8 25.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

60000

50000

40000

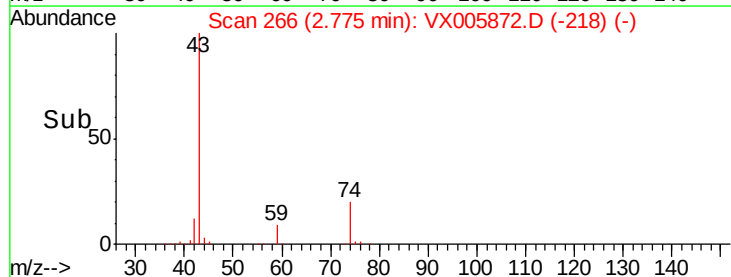
30000

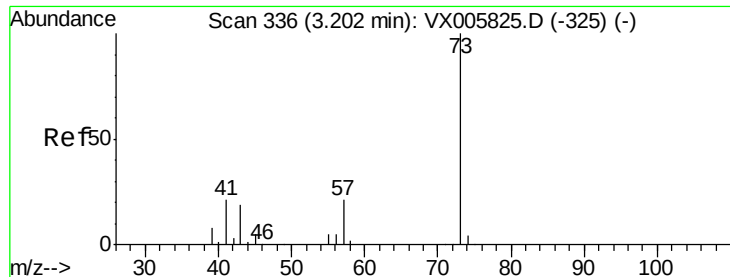
20000

10000

0

Time-->

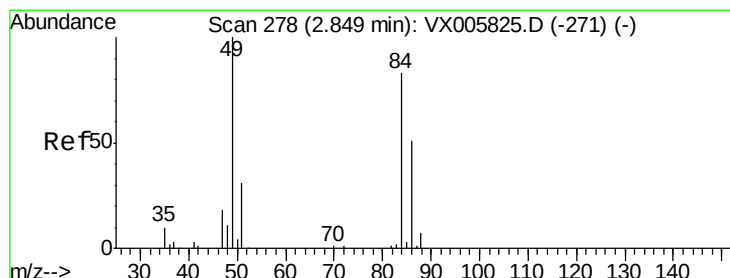
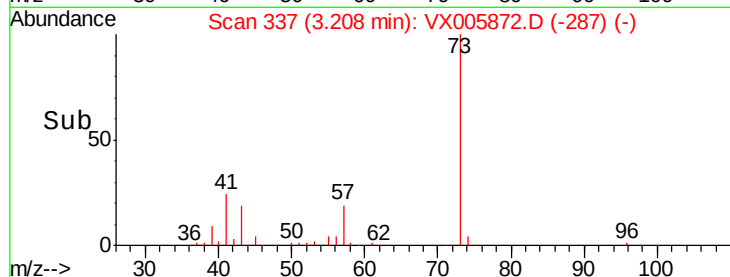
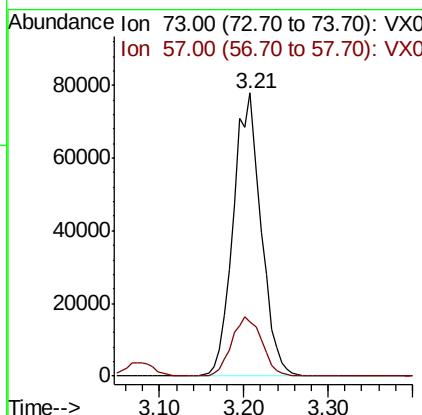
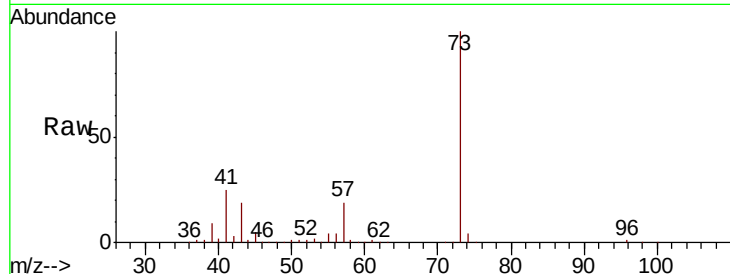




#19
Methyl tert-butyl Ether
Concen: 52.708 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX005872.D
Acq: 09 Nov 2018 19:58

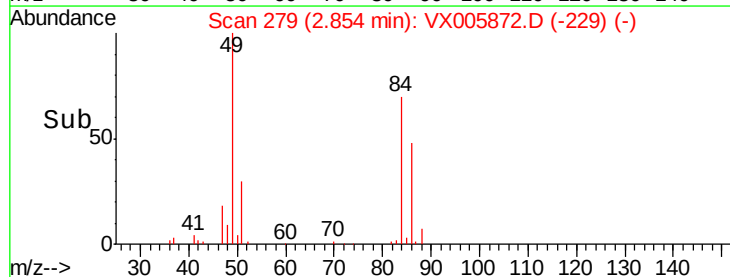
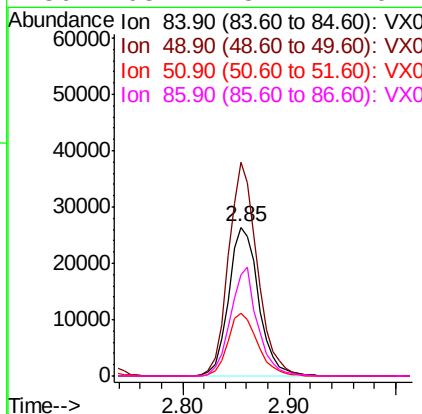
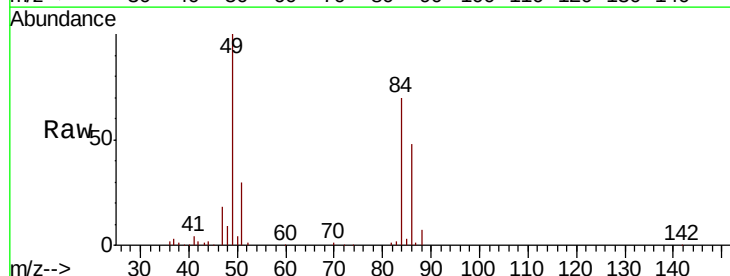
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

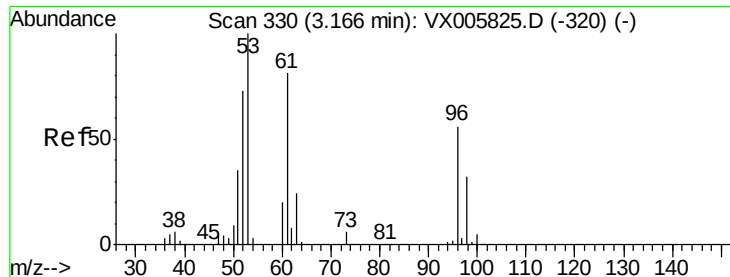
Tot Ion: 73 Resp: 173424
Ion Ratio Lower Upper
73 100
57 19.4 18.8 28.2



#20
Methylene Chloride
Concen: 47.014 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.01 min
Lab File: VX005872.D
Acq: 09 Nov 2018 19:58

Tgt Ion: 84 Resp: 52137
Ion Ratio Lower Upper
84 100
49 143.7 109.5 164.3
51 42.6 33.3 49.9
86 68.4 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 49.472 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX005872.D

Acq: 09 Nov 2018 19:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

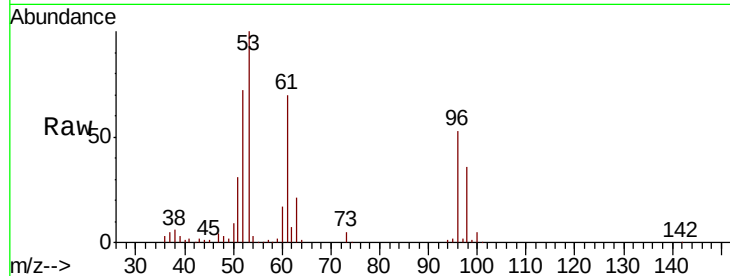
Tot Ion: 96 Resp: 50303

Ion Ratio Lower Upper

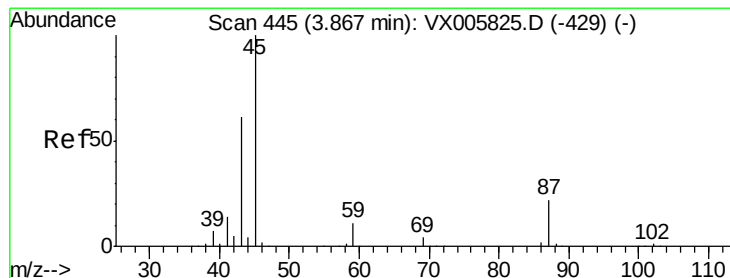
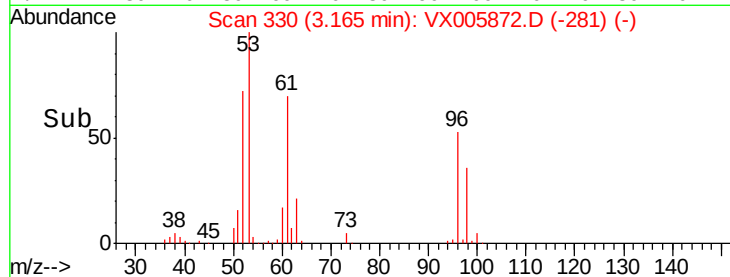
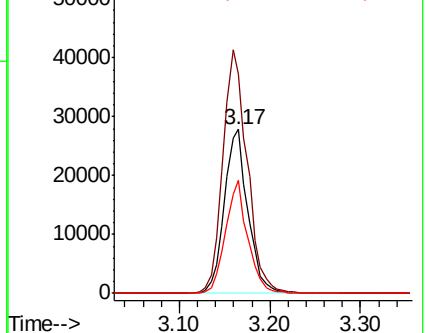
96 100

61 133.4 115.6 173.4

98 69.1 50.2 75.2



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



#22

Diisopropyl ether

Concen: 51.466 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.00 min

Lab File: VX005872.D

Acq: 09 Nov 2018 19:58

Tgt Ion: 45 Resp: 194114

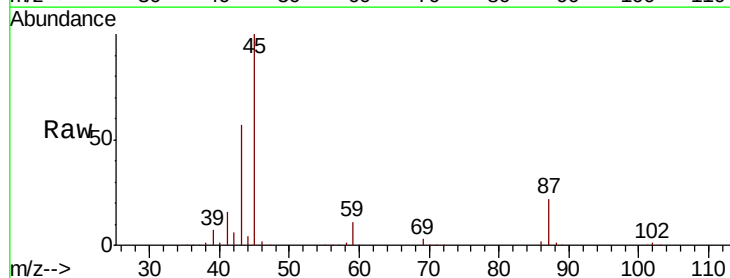
Ion Ratio Lower Upper

45 100

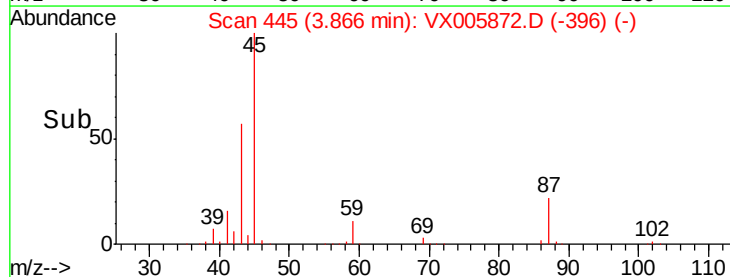
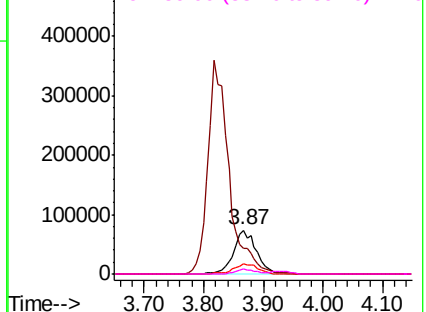
43 57.1 47.4 71.2

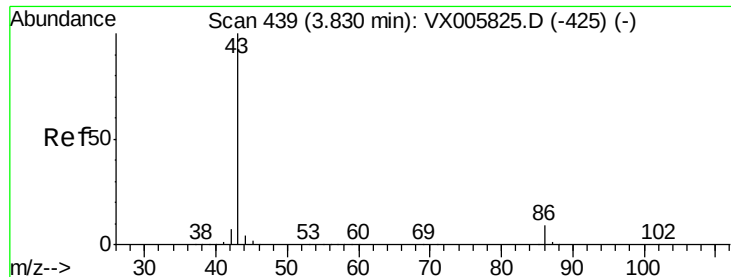
87 22.1 15.9 23.9

59 11.0 7.7 11.5



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: 270.436 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.01 min

Lab File: VX005872.D

Acq: 09 Nov 2018 19:58

Instrument :

MSVOA_X

ClientSampleId :

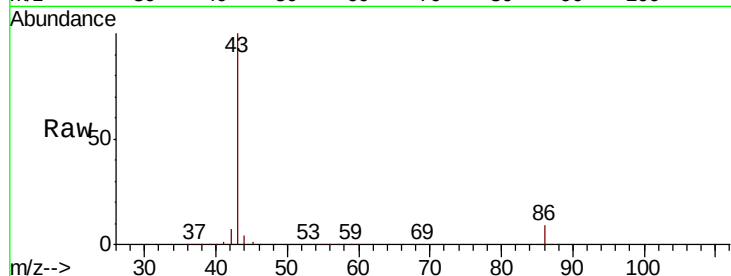
VSTDCCC050EC

Tot Ion: 43 Resp: 874559

Ion Ratio Lower Upper

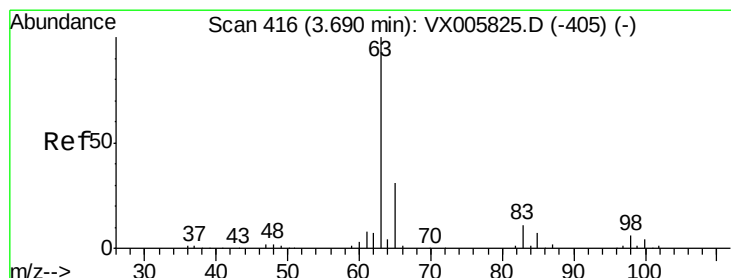
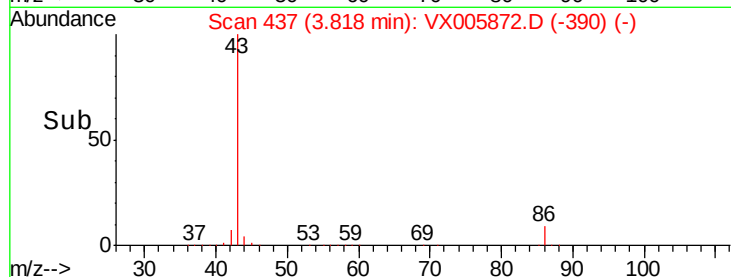
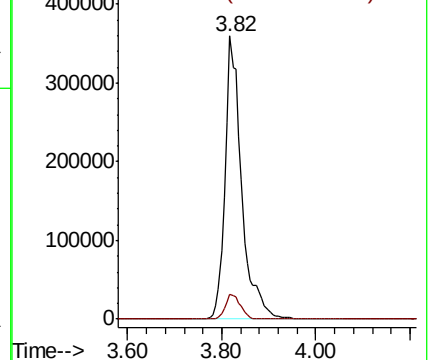
43 100

86 9.0 7.4 11.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 50.870 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX005872.D

Acq: 09 Nov 2018 19:58

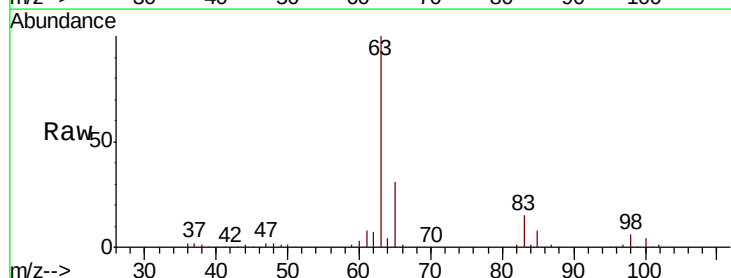
Tgt Ion: 63 Resp: 102363

Ion Ratio Lower Upper

63 100

98 5.8 3.2 9.6

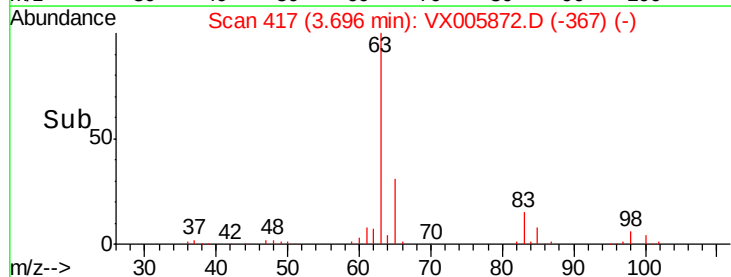
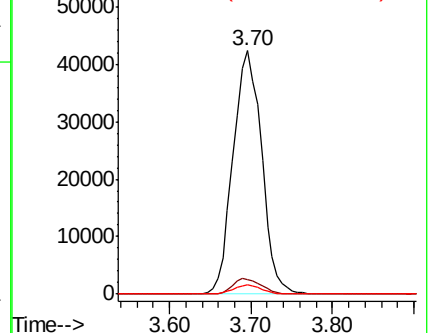
100 3.7 2.1 6.2

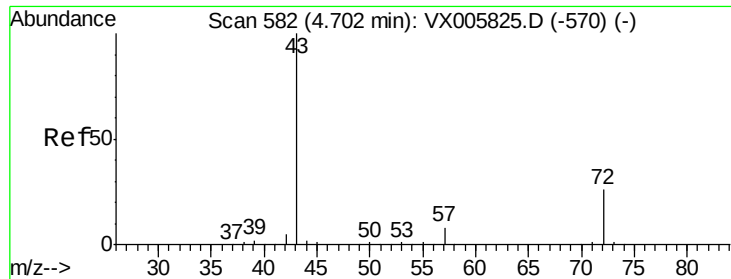


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 250.201 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX005872.D

Acq: 09 Nov 2018 19:58

Instrument :

MSVOA_X

ClientSampleId :

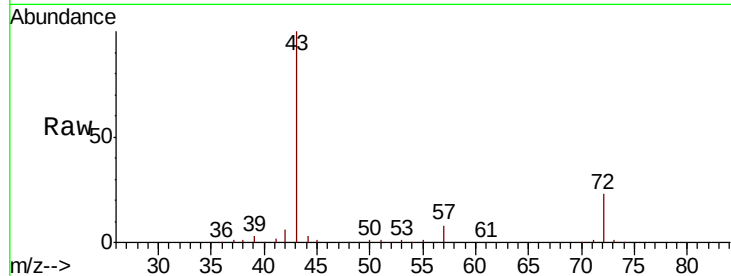
VSTDCCC050EC

Tot Ion: 43 Resp: 265557

Ion Ratio Lower Upper

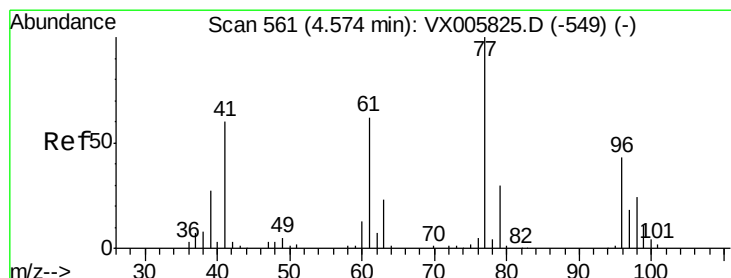
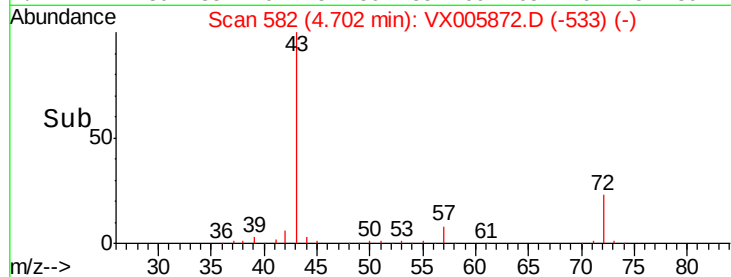
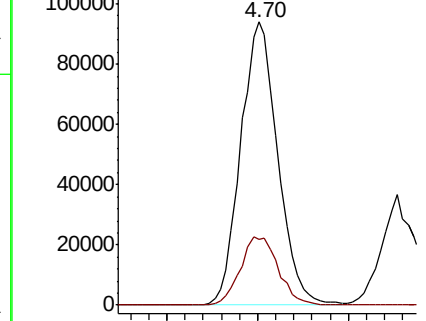
43 100

72 23.3 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 46.956 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.01 min

Lab File: VX005872.D

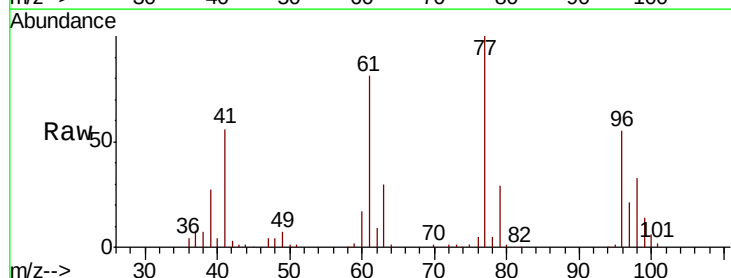
Acq: 09 Nov 2018 19:58

Tgt Ion: 77 Resp: 69311

Ion Ratio Lower Upper

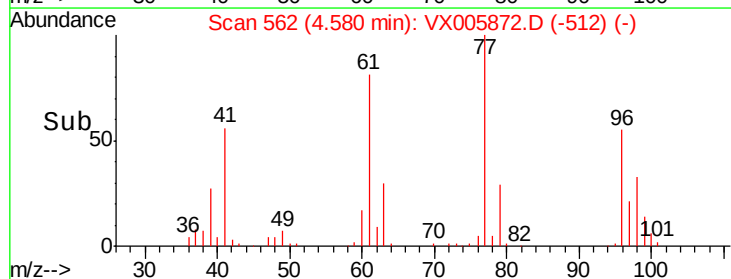
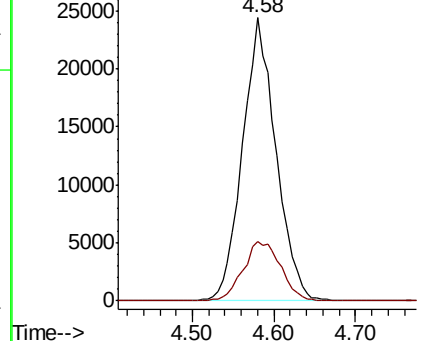
77 100

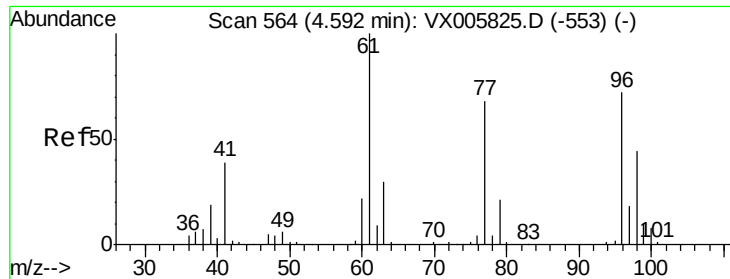
97 23.6 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



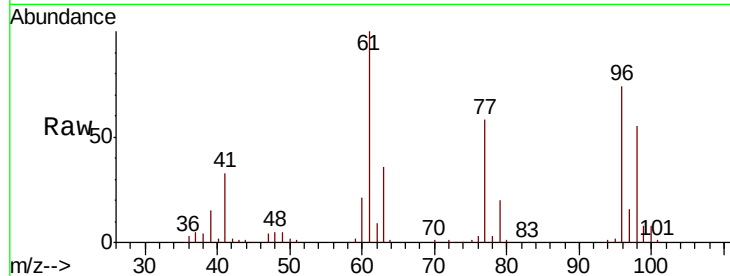


#27

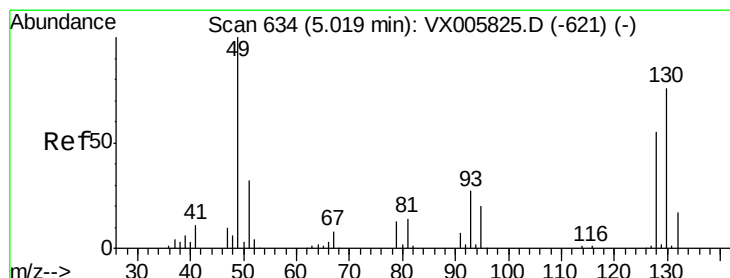
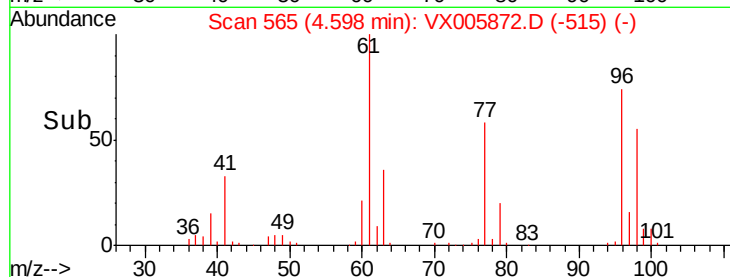
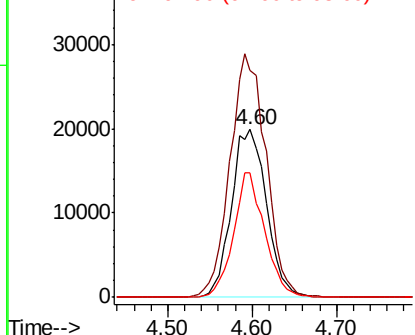
cis-1,2-Dichloroethene
Concen: 49.915 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX005872.D
Acq: 09 Nov 2018 19:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 96 Resp: 56042
Ion Ratio Lower Upper
96 100
61 149.6 0.0 304.6
98 65.7 0.0 127.4



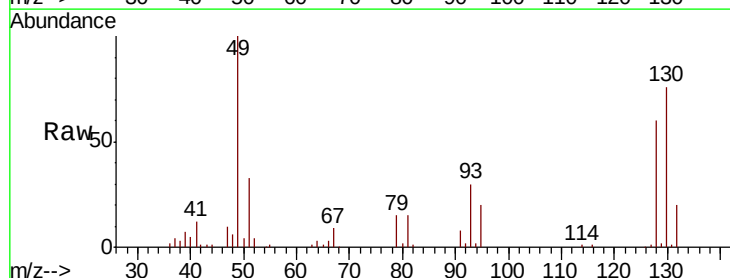
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



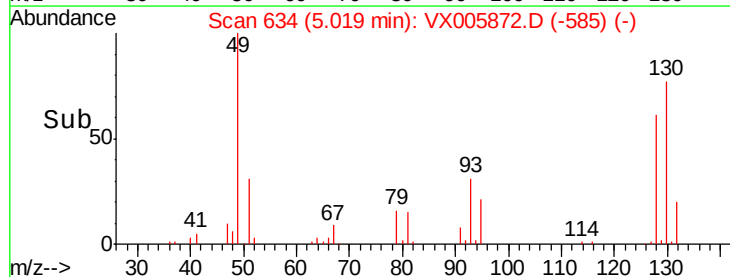
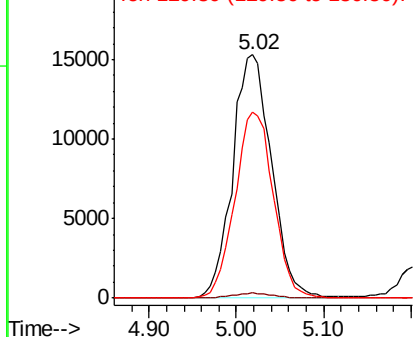
#28

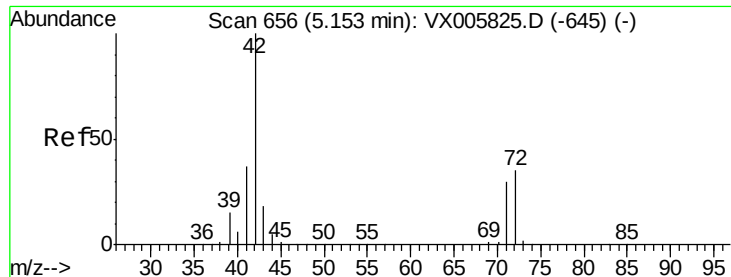
Bromochloromethane
Concen: 52.570 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX005872.D
Acq: 09 Nov 2018 19:58

Tgt Ion: 49 Resp: 47277
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.0
130 75.2 58.9 88.3



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

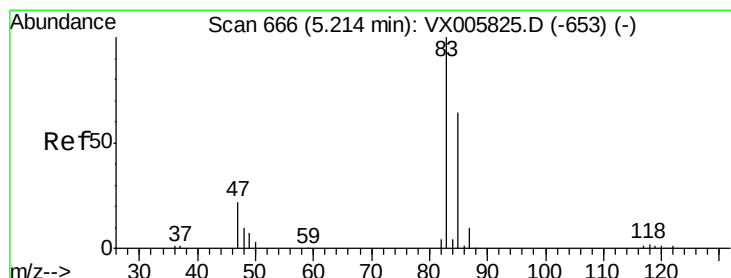
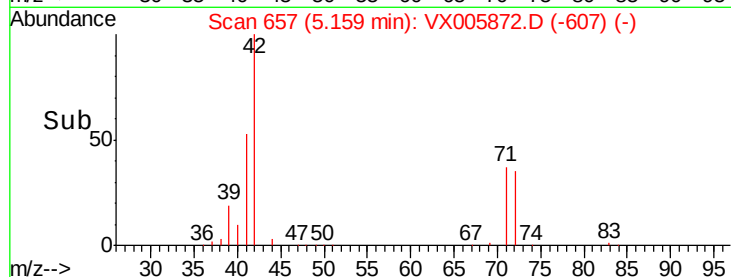
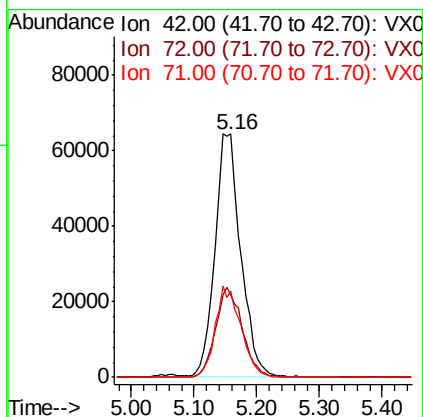
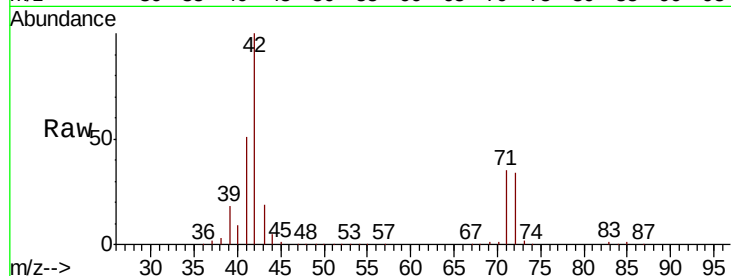




#29
Tetrahydrofuran
Concen: 269.759 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX005872.D
Acq: 09 Nov 2018 19:58

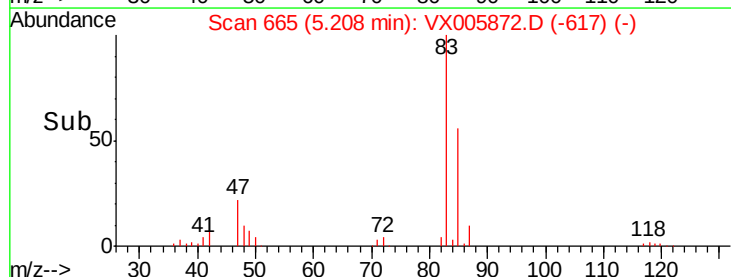
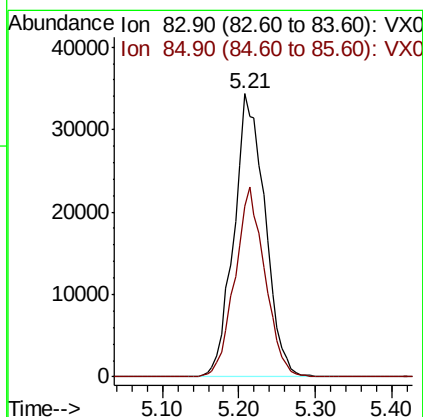
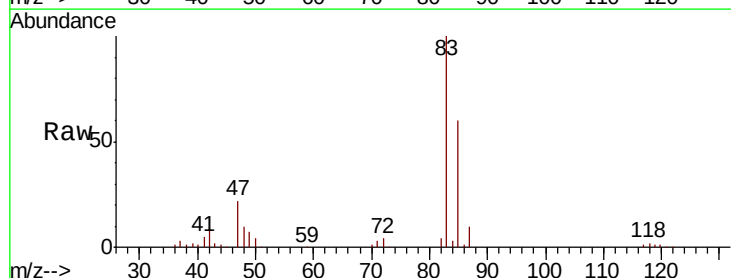
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

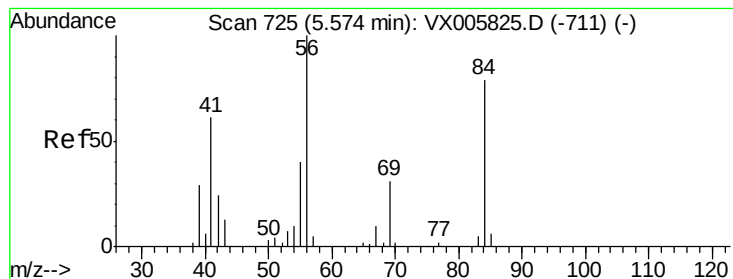
Tot Ion: 42 Resp: 183836
Ion Ratio Lower Upper
42 100
72 38.1 32.0 48.0
71 37.2 29.8 44.8



#30
Chloroform
Concen: 49.847 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX005872.D
Acq: 09 Nov 2018 19:58

Tgt Ion: 83 Resp: 96771
Ion Ratio Lower Upper
83 100
85 60.4 50.6 76.0





#31

Cyclohexane

Concen: 50.701 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX005872.D

Acq: 09 Nov 2018 19:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

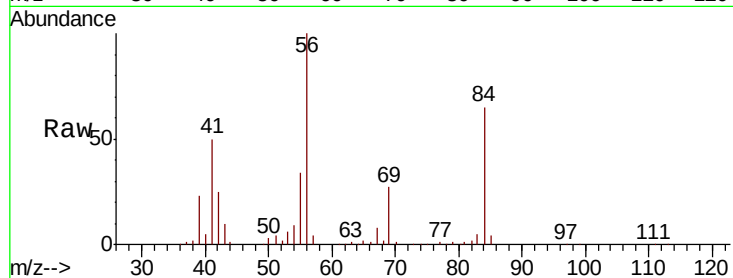
Tot Ion: 56 Resp: 88562

Ion Ratio Lower Upper

56 100

69 26.5 22.6 34.0

84 63.8 62.7 94.1

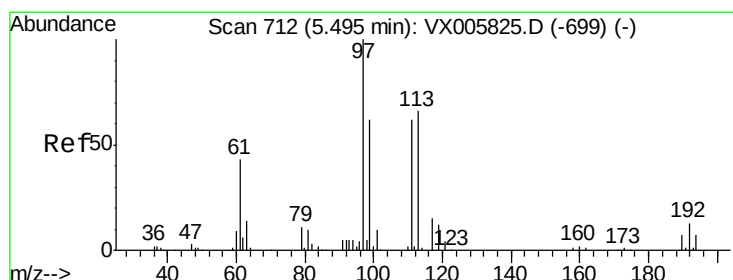
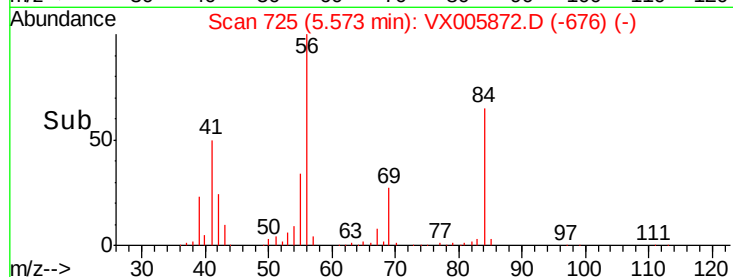
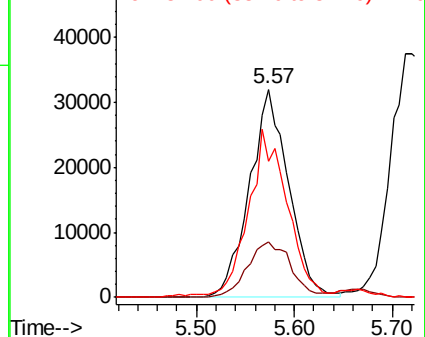


Abundance

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: 52.418 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX005872.D

Acq: 09 Nov 2018 19:58

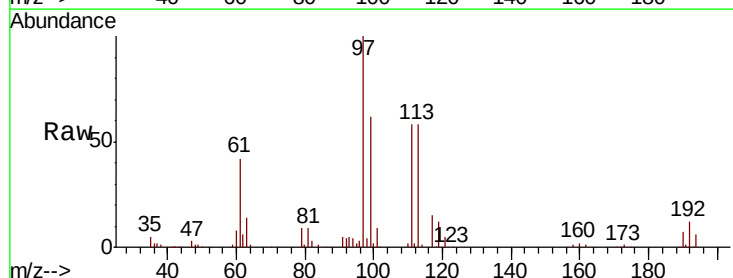
Tgt Ion: 97 Resp: 84880

Ion Ratio Lower Upper

97 100

99 64.8 52.3 78.5

61 43.9 35.2 52.8

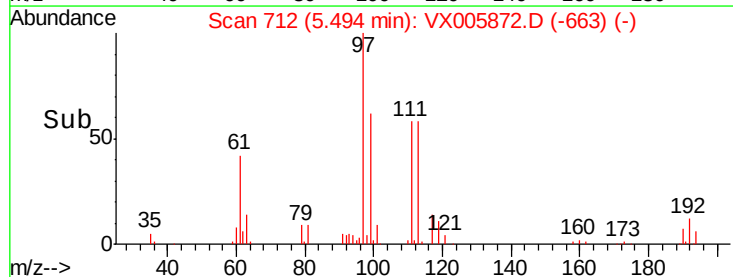
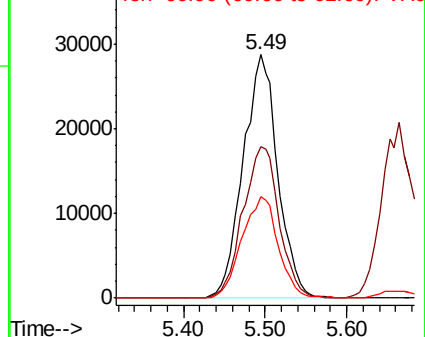


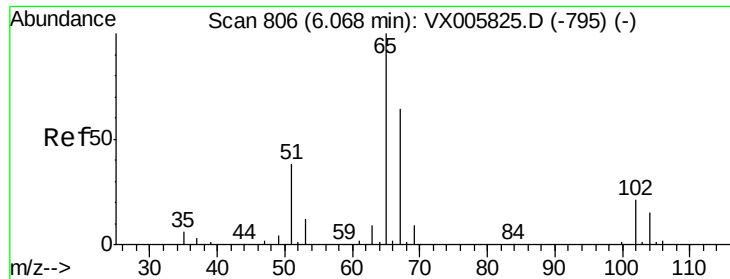
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

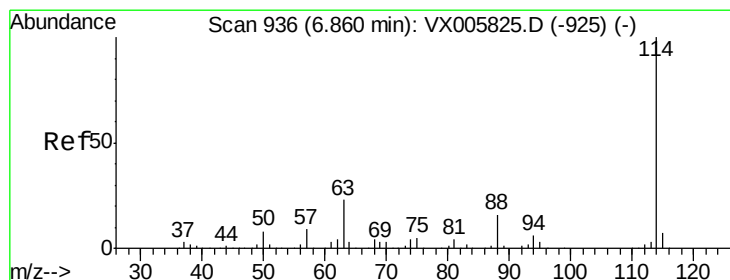
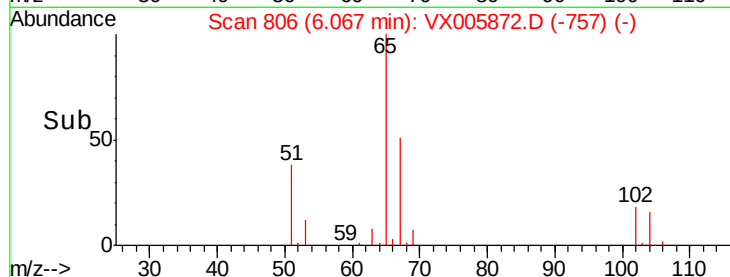
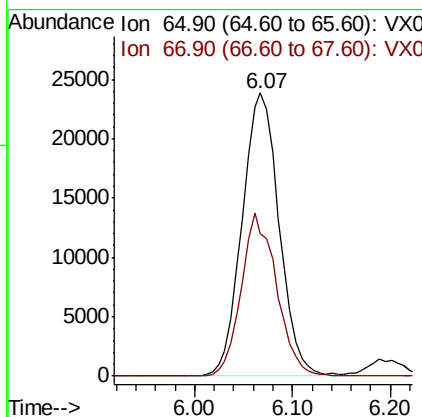
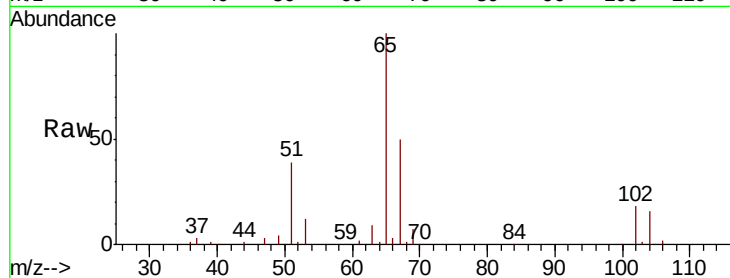




#33
 1,2-Dichloroethane-d4
 Concen: 50.122 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX005872.D
 Acq: 09 Nov 2018 19:58

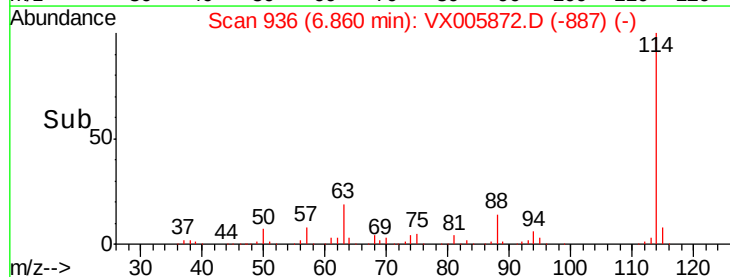
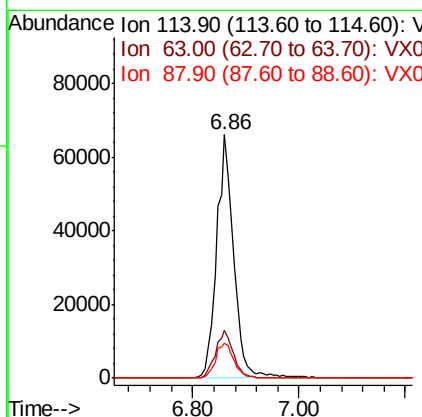
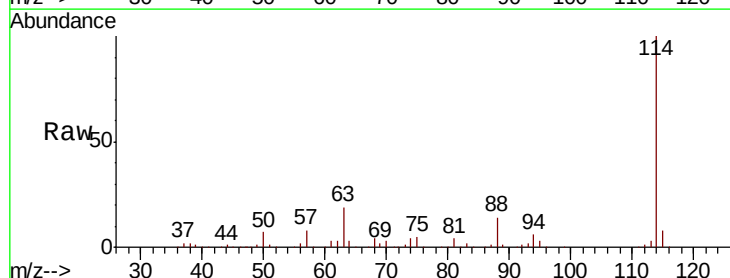
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

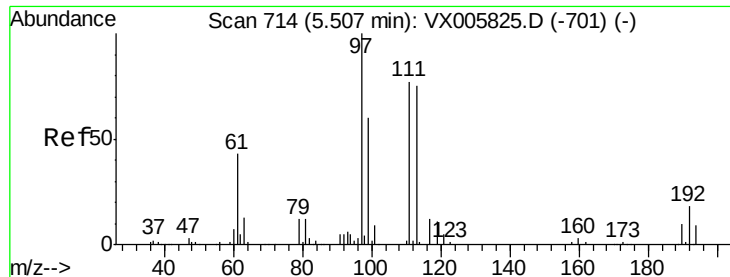
Tot Ion: 65 Resp: 62846
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005872.D
 Acq: 09 Nov 2018 19:58

Tgt Ion: 114 Resp: 148413
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 42.8
 88 14.1 0.0 31.2

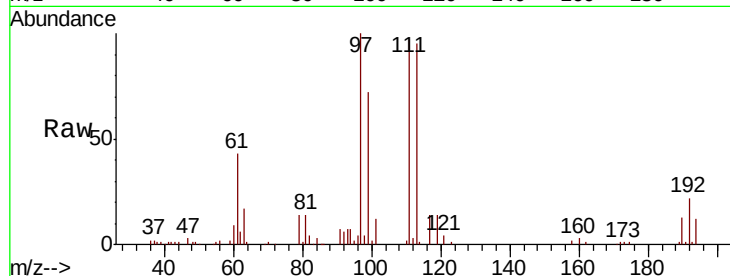




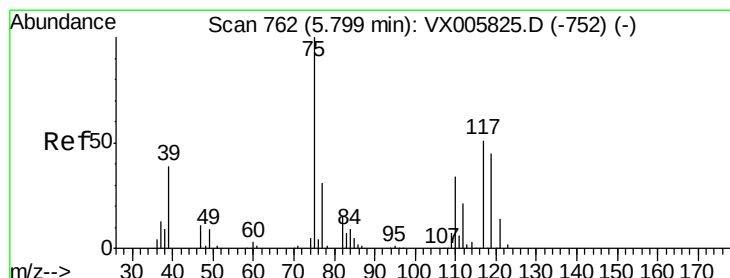
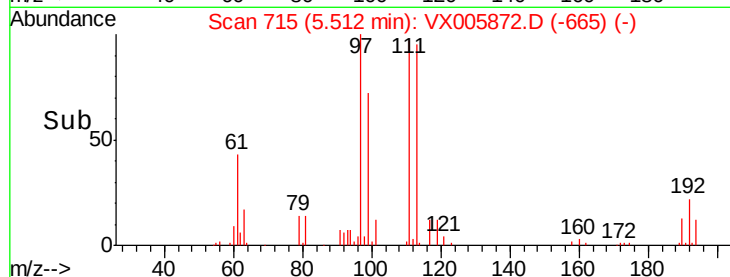
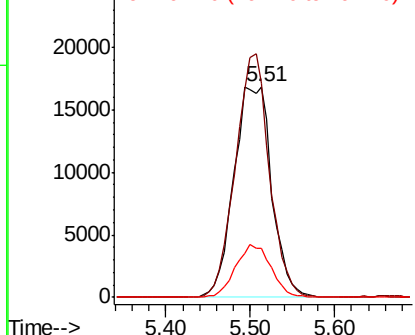
#35
 Dibromofluoromethane
 Concen: 50.672 ug/l
 RT: 5.51 min Scan# 715
 Delta R.T. 0.01 min
 Lab File: VX005872.D
 Acq: 09 Nov 2018 19:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:113 Resp: 51150
 Ion Ratio Lower Upper
 113 100
 111 103.6 82.3 123.5
 192 23.4 17.9 26.9

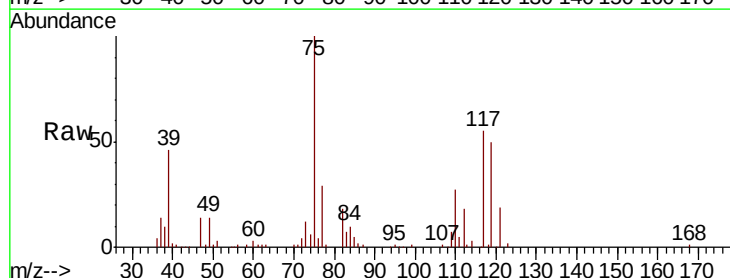


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

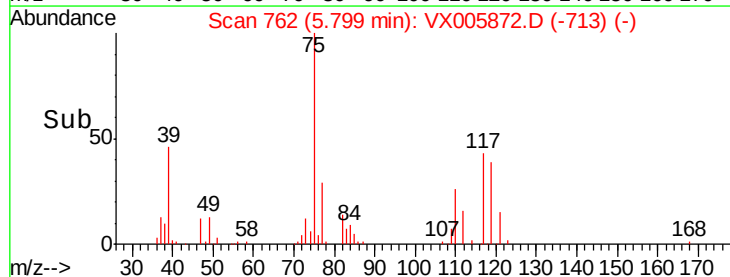
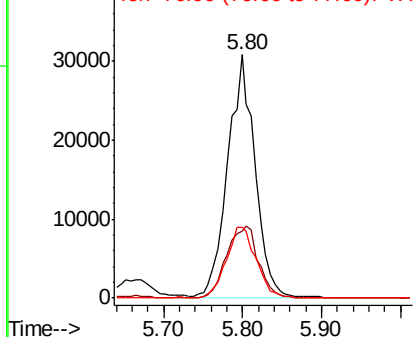


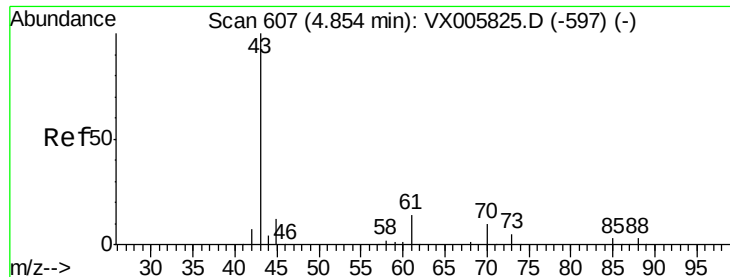
#36
 1,1-Dichloropropene
 Concen: 51.519 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX005872.D
 Acq: 09 Nov 2018 19:58

Tgt Ion: 75 Resp: 73710
 Ion Ratio Lower Upper
 75 100
 110 34.8 17.4 52.2
 77 32.4 25.8 38.6



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: 52.186 ug/l

RT: 4.85 min Scan# 607

Delta R.T. -0.00 min

Lab File: VX005872.D

Acq: 09 Nov 2018 19:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

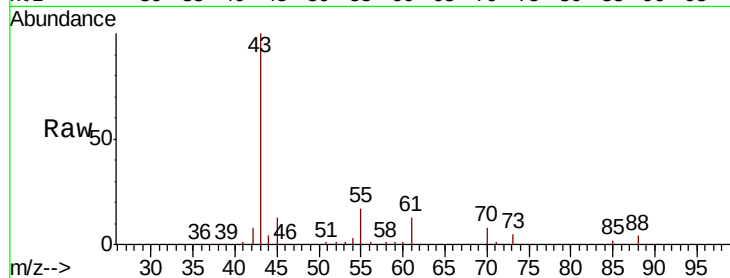
Tot Ion: 43 Resp: 98186

Ion Ratio Lower Upper

43 100

61 14.0 10.8 16.2

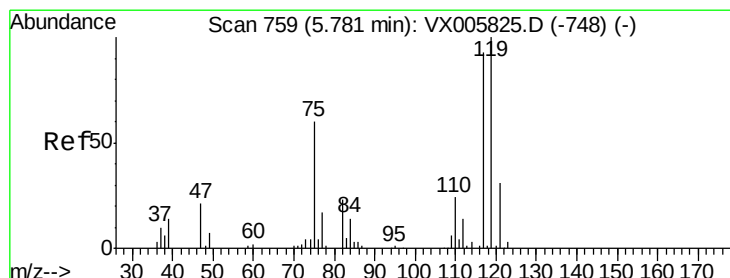
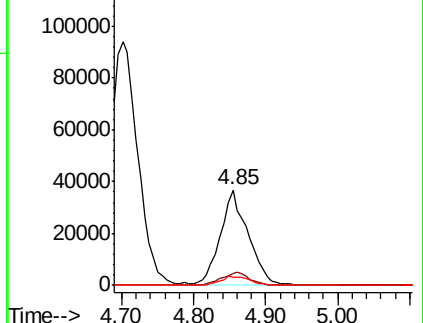
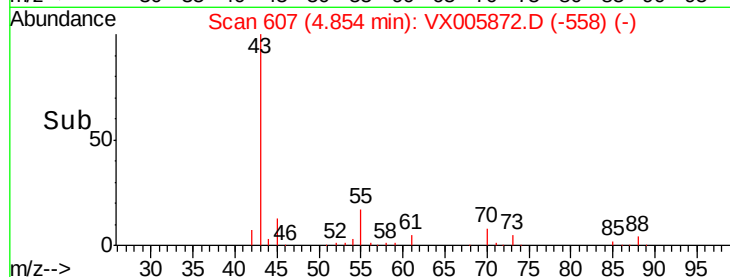
70 10.4 7.8 11.8



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: 53.604 ug/l

RT: 5.77 min Scan# 758

Delta R.T. -0.01 min

Lab File: VX005872.D

Acq: 09 Nov 2018 19:58

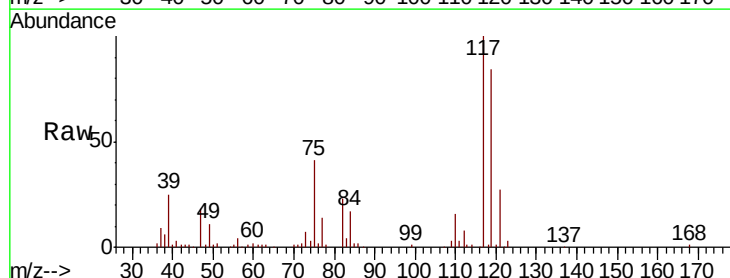
Tgt Ion: 117 Resp: 76779

Ion Ratio Lower Upper

117 100

119 83.9 78.1 117.1

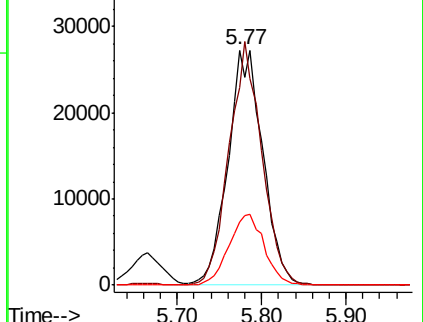
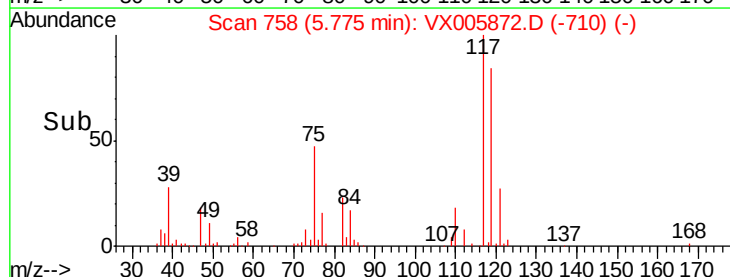
121 26.8 24.6 36.8

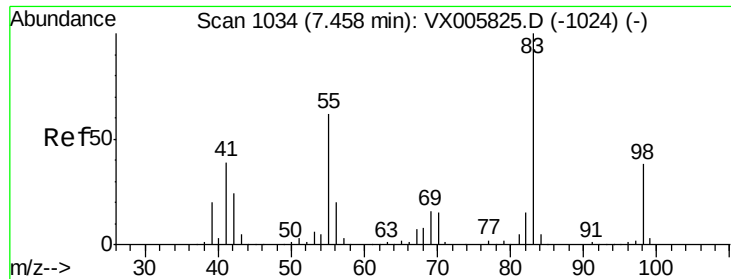


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

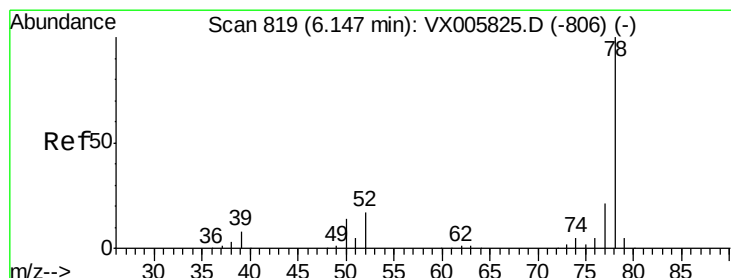
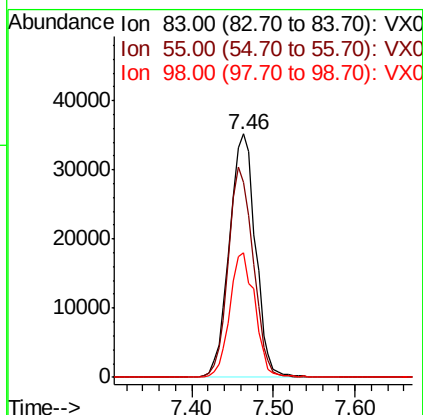
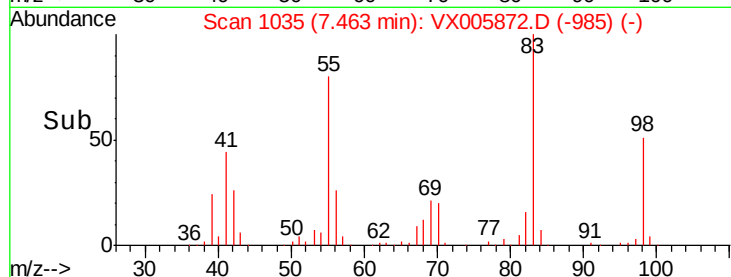
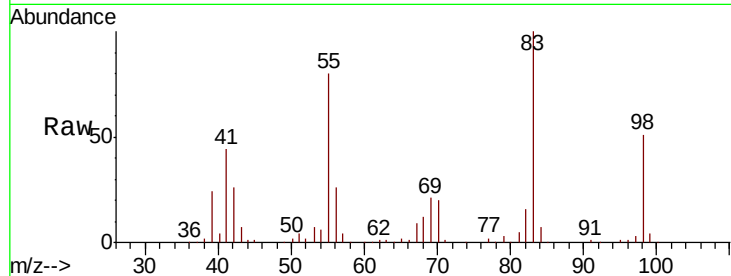




#39
Methylvlcyclohexane
Concen: 53.512 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX005872.D
Acq: 09 Nov 2018 19:58

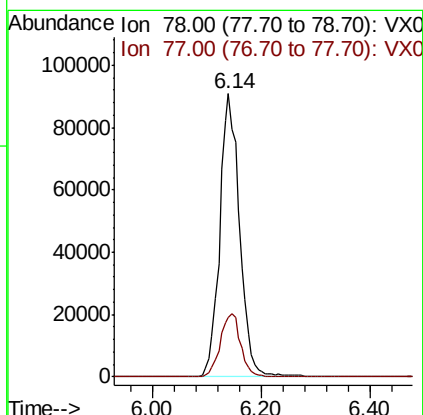
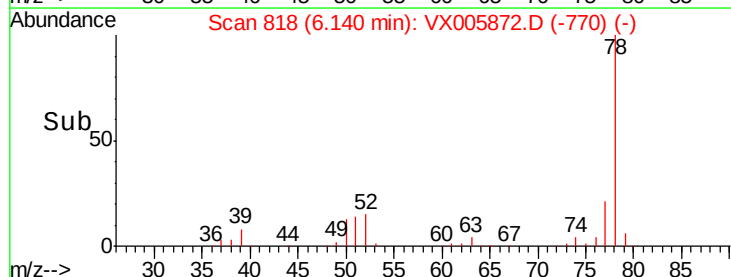
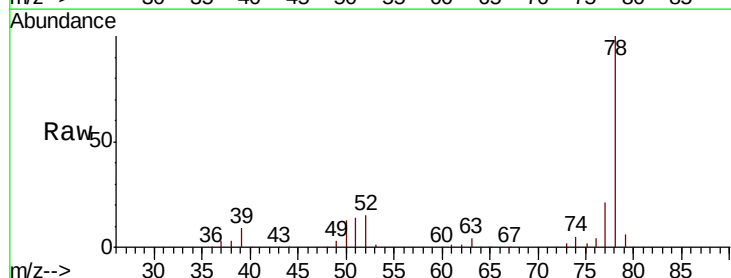
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

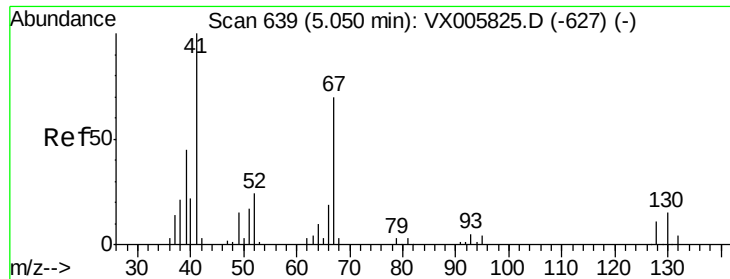
Tot Ion: 83 Resp: 77598
Ion Ratio Lower Upper
83 100
55 80.1 63.7 95.5
98 51.2 36.2 54.2



#40
Benzene
Concen: 55.309 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX005872.D
Acq: 09 Nov 2018 19:58

Tgt Ion: 78 Resp: 230691
Ion Ratio Lower Upper
78 100
77 21.2 18.4 27.6





#41

Methacrylonitrile

Concen: 52.892 ug/l

RT: 5.06 min Scan# 640

Delta R.T. 0.01 min

Lab File: VX005872.D

Acq: 09 Nov 2018 19:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 53772

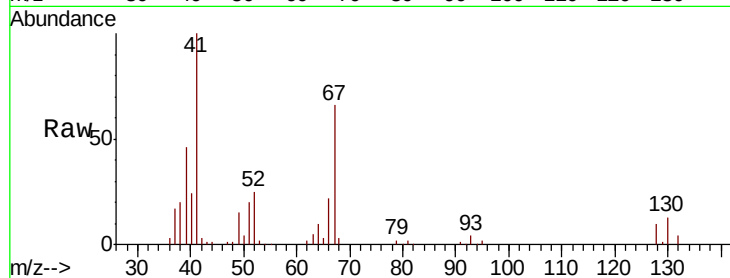
Ion Ratio Lower Upper

41 100

39 55.0 42.2 63.2

67 67.9 53.4 80.0

52 28.7 23.4 35.2

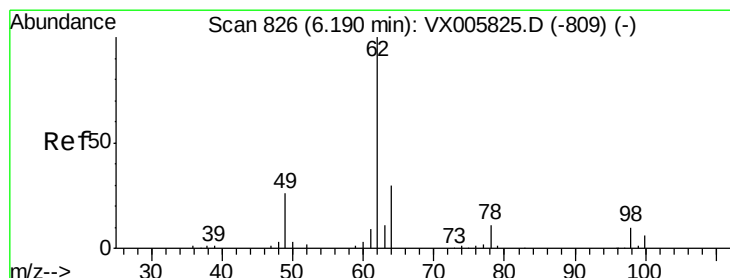
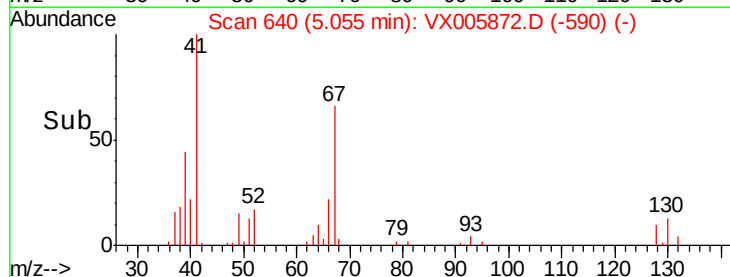
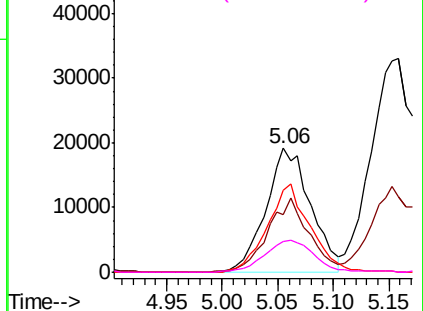


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 53.459 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.01 min

Lab File: VX005872.D

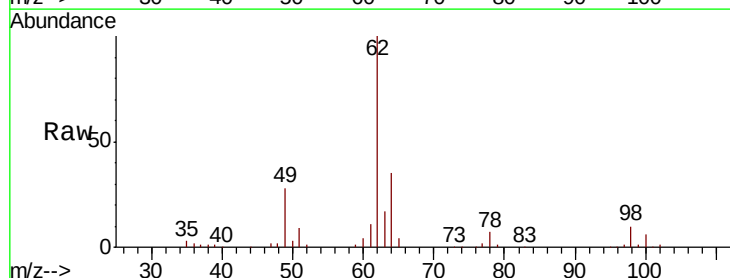
Acq: 09 Nov 2018 19:58

Tgt Ion: 62 Resp: 79864

Ion Ratio Lower Upper

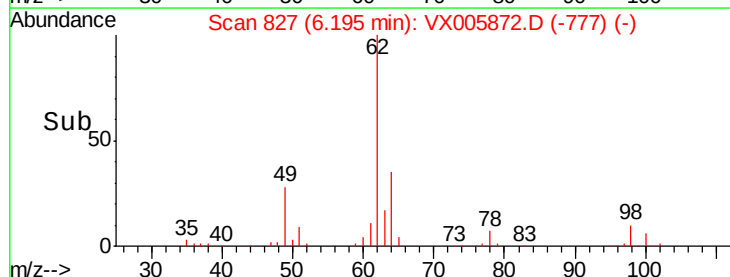
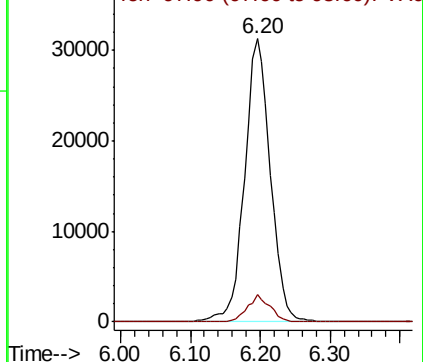
62 100

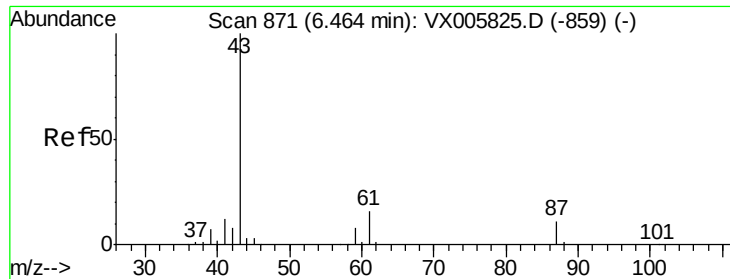
98 8.5 0.0 17.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 55.164 ug/l

RT: 6.46 min Scan# 871

Delta R.T. -0.00 min

Lab File: VX005872.D

Acq: 09 Nov 2018 19:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

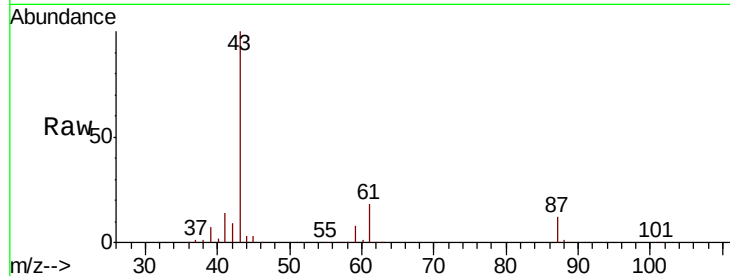
Tot Ion: 43 Resp: 150391

Ion Ratio Lower Upper

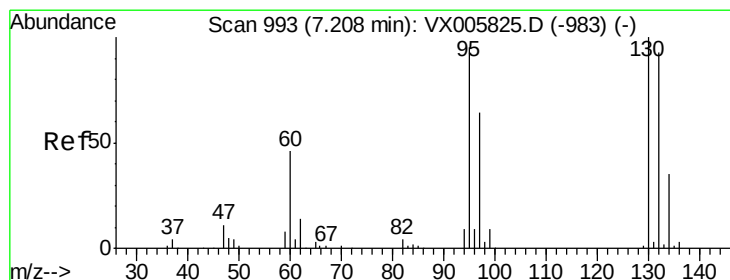
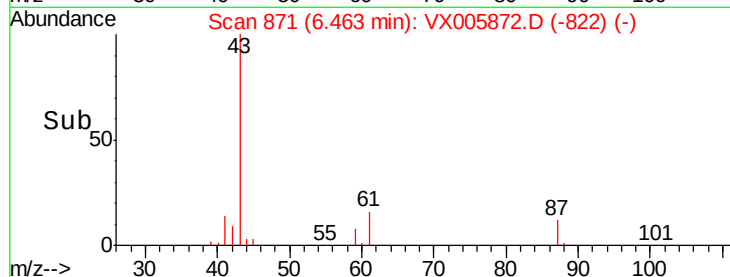
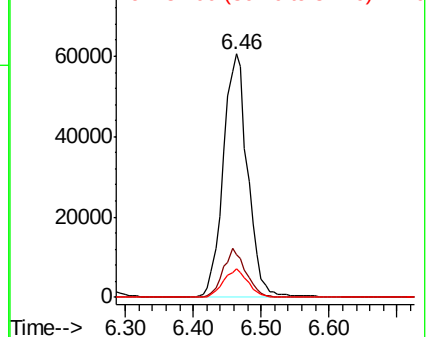
43 100

61 18.7 14.6 22.0

87 11.6 9.6 14.4



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: 52.176 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.01 min

Lab File: VX005872.D

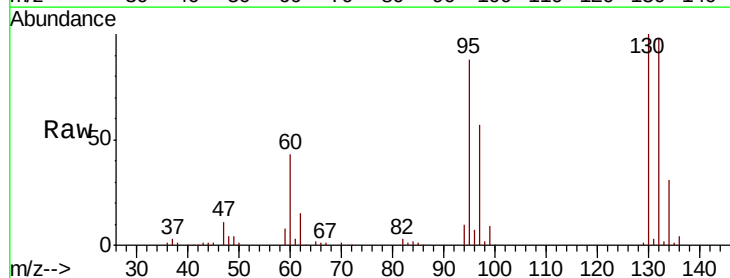
Acq: 09 Nov 2018 19:58

Tgt Ion:130 Resp: 55266

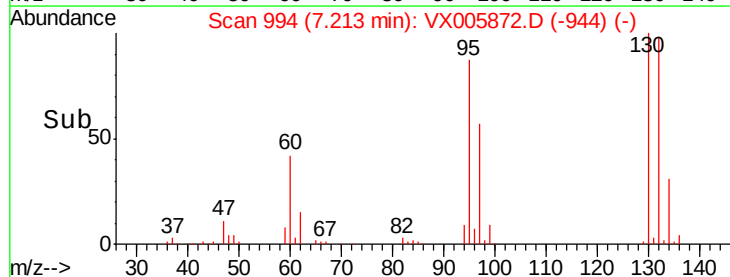
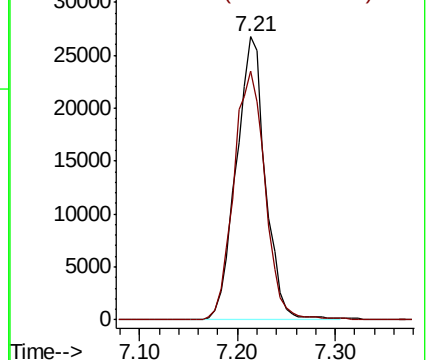
Ion Ratio Lower Upper

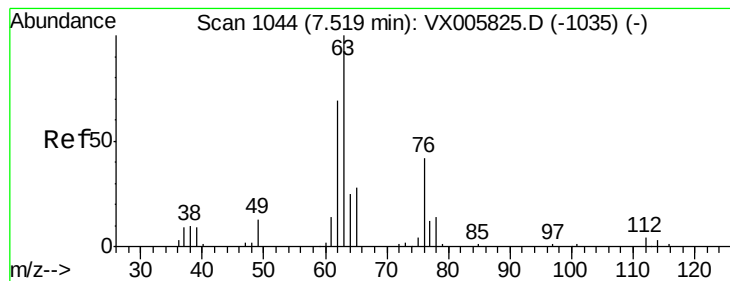
130 100

95 87.7 0.0 194.2



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





#45

1,2-Dichloropropane

Concen: 53.306 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VX005872.D

Acq: 09 Nov 2018 19:58

Instrument :

MSVOA_X

ClientSampleId :

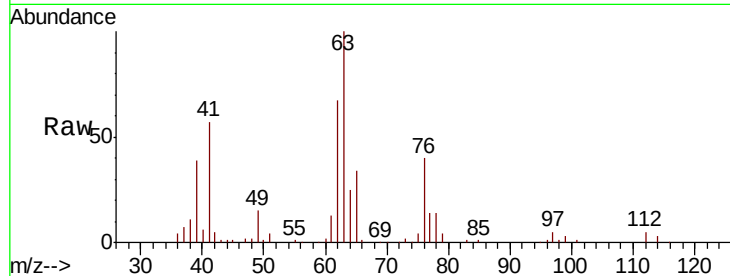
VSTDCCC050EC

Tot Ion: 63 Resp: 53965

Ion Ratio Lower Upper

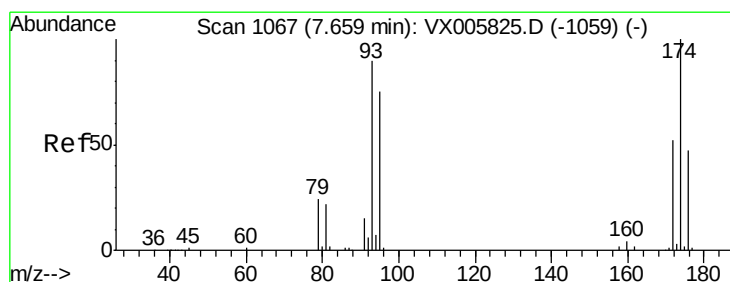
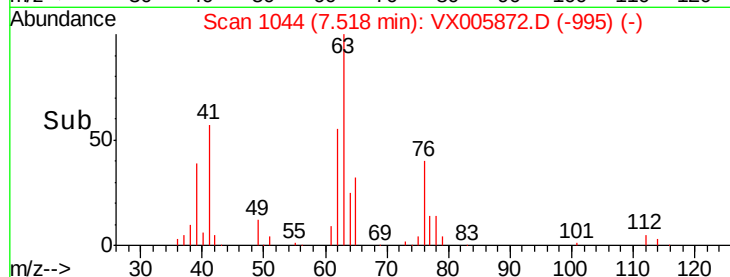
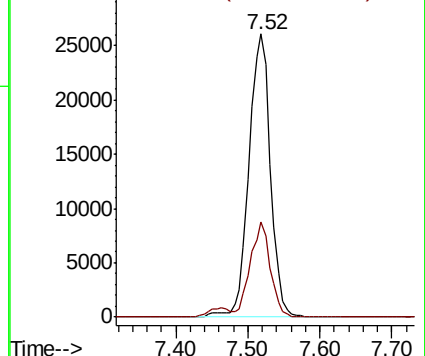
63 100

65 33.5 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 52.249 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX005872.D

Acq: 09 Nov 2018 19:58

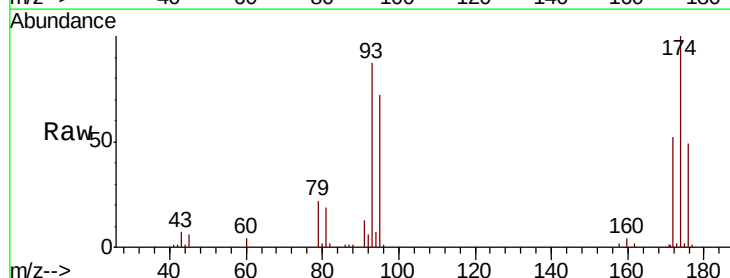
Tgt Ion: 93 Resp: 33192

Ion Ratio Lower Upper

93 100

95 83.1 67.4 101.0

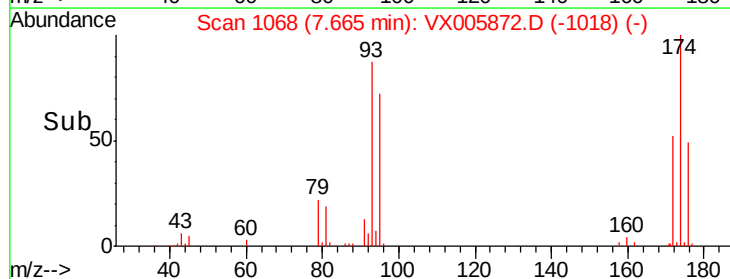
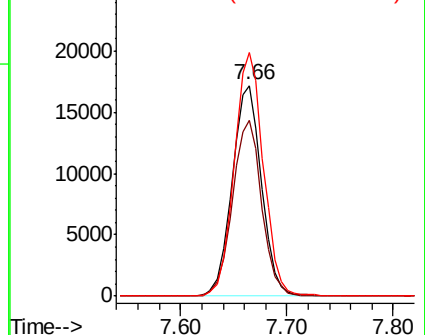
174 114.7 91.5 137.3

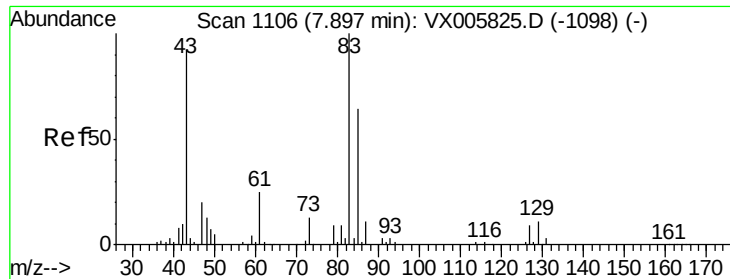


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 54.989 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX005872.D

Acq: 09 Nov 2018 19:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

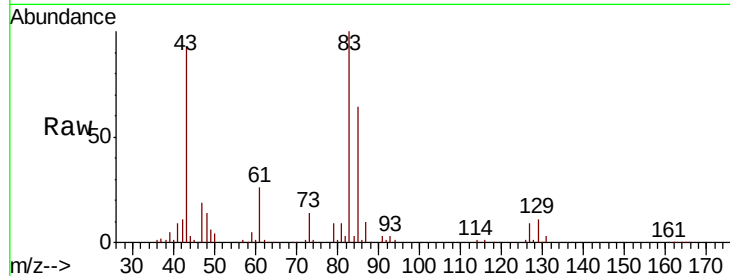
Tot Ion: 83 Resp: 66018

Ion Ratio Lower Upper

83 100

85 63.8 50.2 75.4

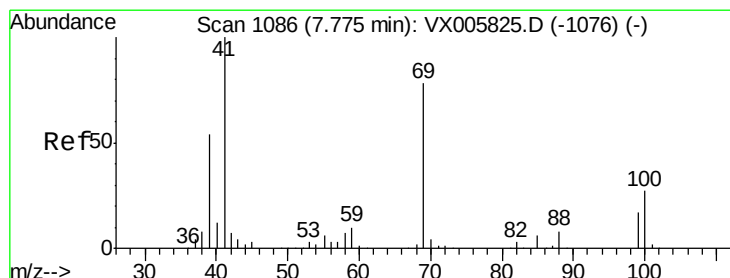
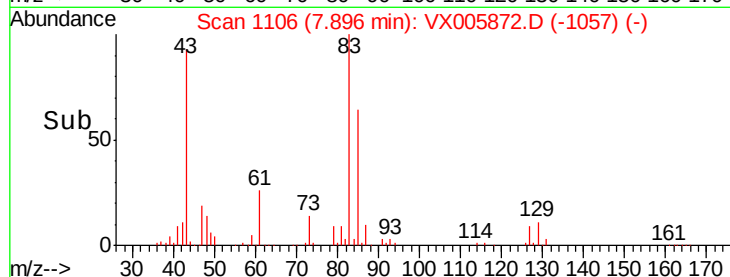
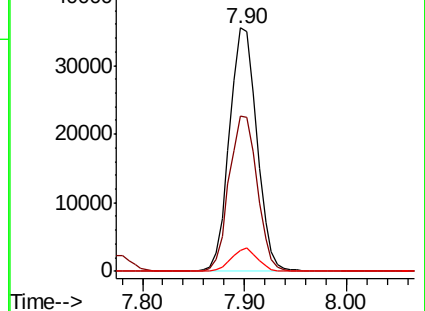
127 8.8 6.9 10.3



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: 55.267 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX005872.D

Acq: 09 Nov 2018 19:58

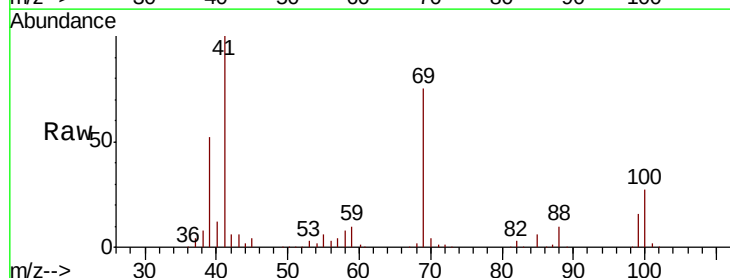
Tgt Ion: 41 Resp: 67654

Ion Ratio Lower Upper

41 100

69 78.6 63.2 94.8

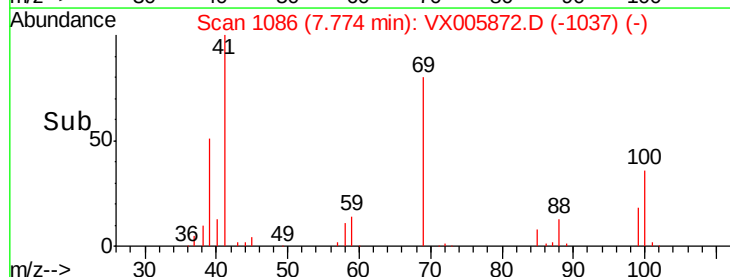
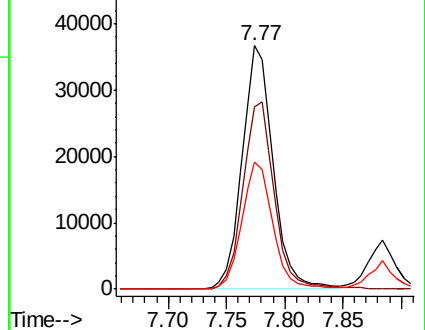
39 52.4 42.2 63.2

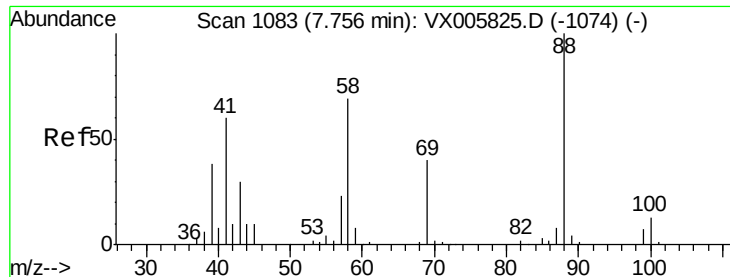


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1122.171 ug/l

RT: 7.76 min Scan# 1083

Delta R.T. -0.00 min

Lab File: VX005872.D

Acq: 09 Nov 2018 19:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

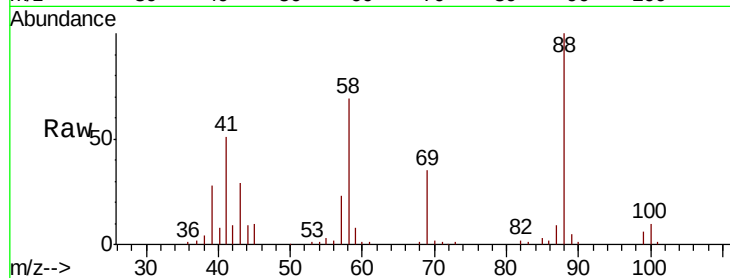
Tot Ion: 88 Resp: 29601

Ion Ratio Lower Upper

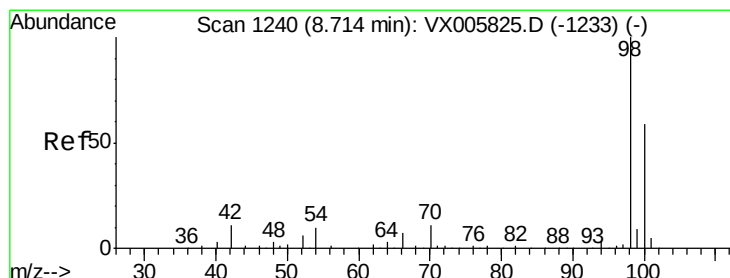
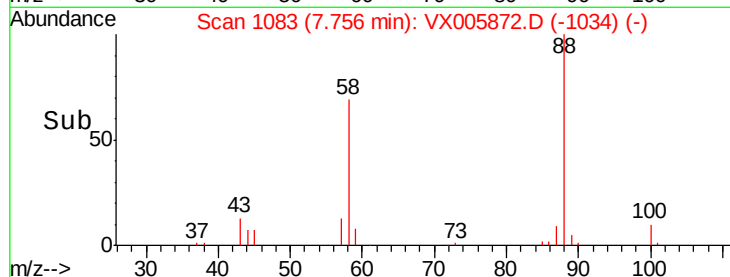
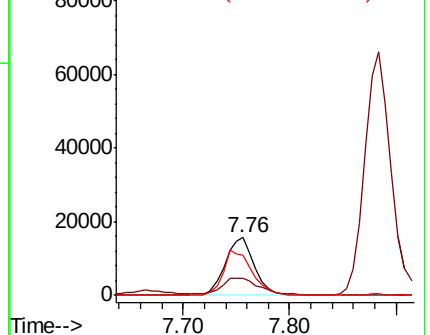
88 100

43 36.0 27.4 41.0

58 77.1 59.4 89.2



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



#50

Toluene-d8

Concen: 51.352 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX005872.D

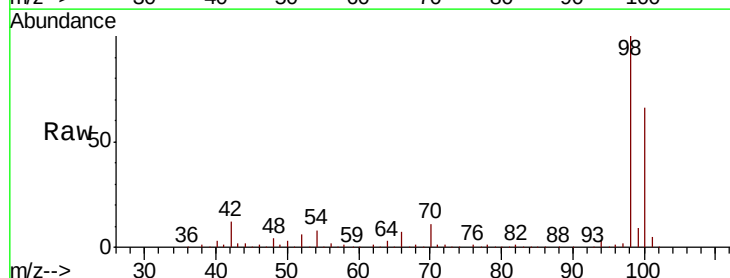
Acq: 09 Nov 2018 19:58

Tgt Ion: 98 Resp: 172333

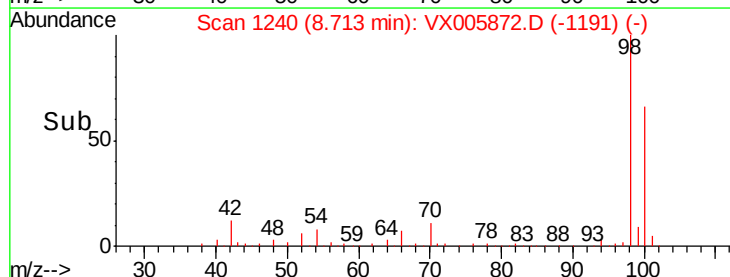
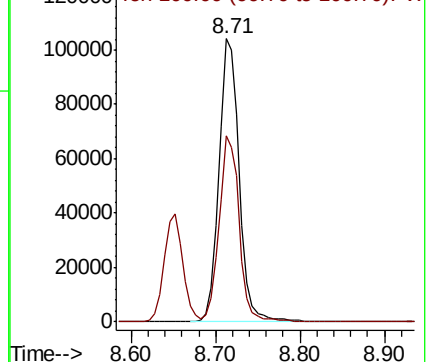
Ion Ratio Lower Upper

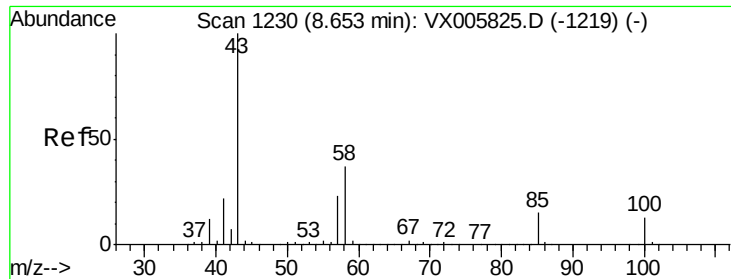
98 100

100 65.8 51.3 76.9



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





#51

4-Methyl-2-Pentanone

Concen: 268.175 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.01 min

Lab File: VX005872.D

Acq: 09 Nov 2018 19:58

Instrument :

MSVOA_X

ClientSampleId :

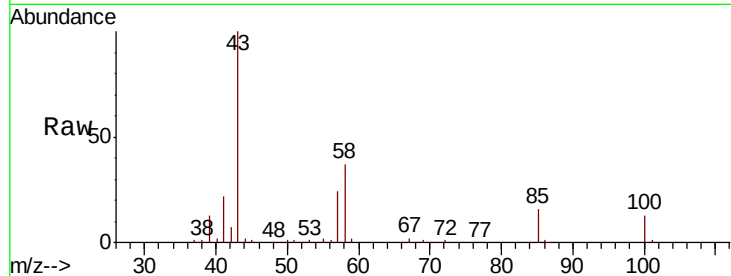
VSTDCCC050EC

Tot Ion: 43 Resp: 460774

Ion Ratio Lower Upper

43 100

58 38.3 29.7 44.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

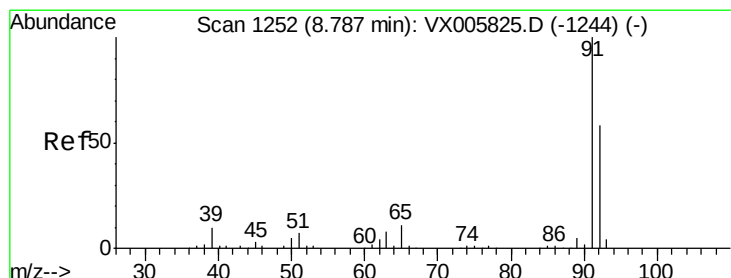
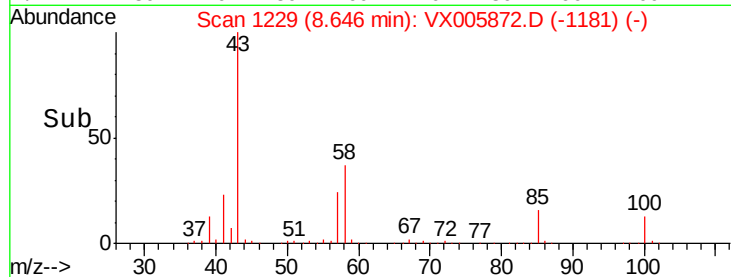
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 51.125 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005872.D

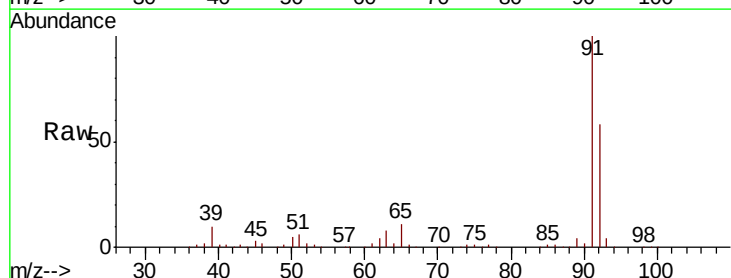
Acq: 09 Nov 2018 19:58

Tgt Ion: 92 Resp: 119176

Ion Ratio Lower Upper

92 100

91 174.7 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

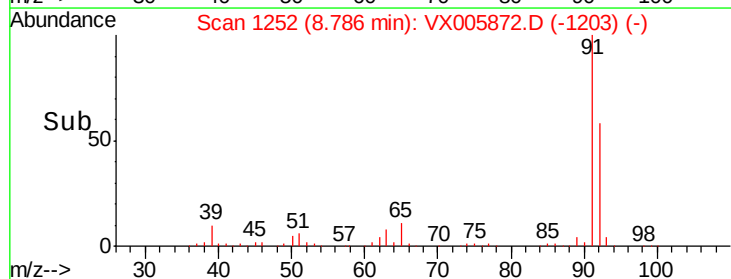
150000

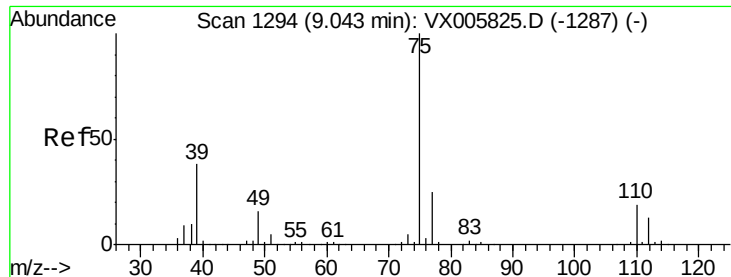
100000

50000

0

Time-->

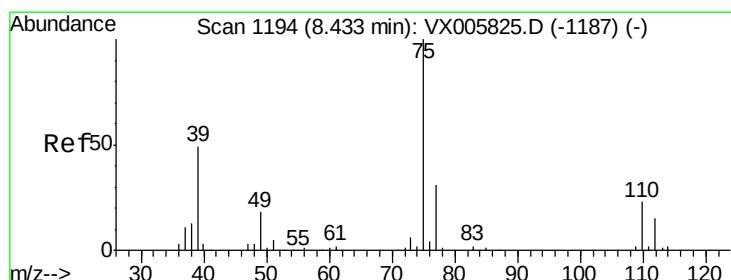
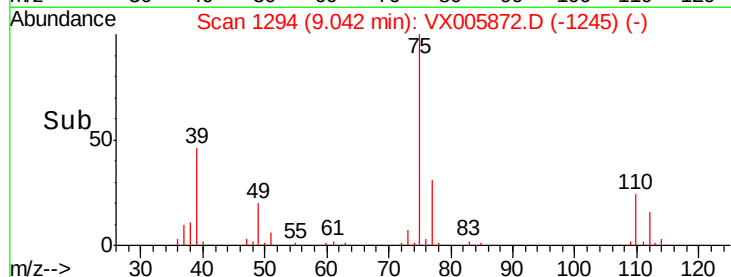
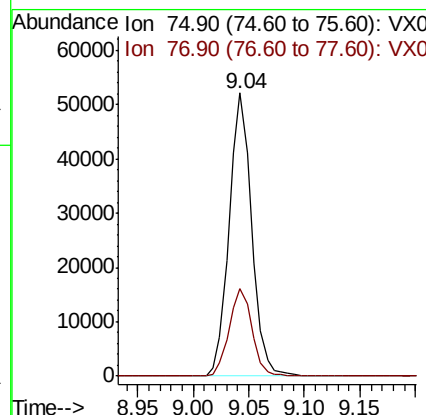
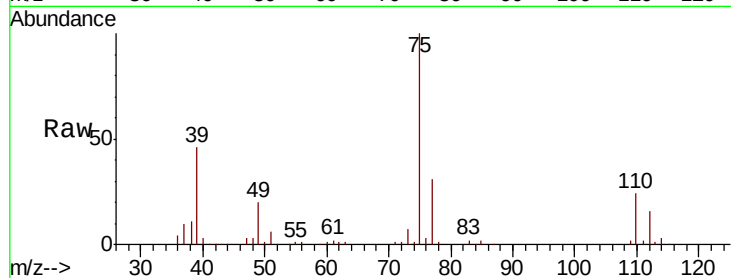




#53
 t-1,3-Dichloropropene
 Concen: 51.561 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX005872.D
 Acq: 09 Nov 2018 19:58

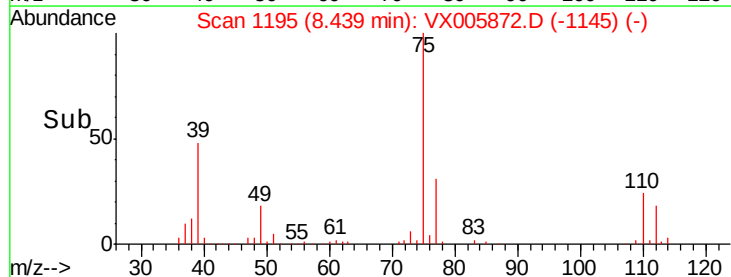
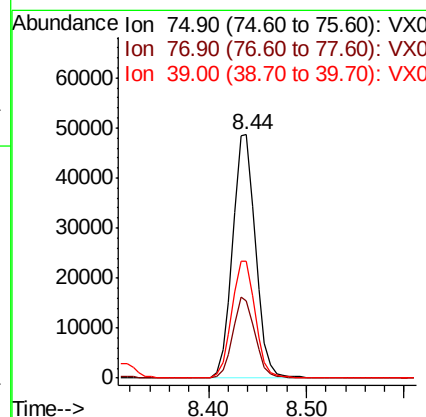
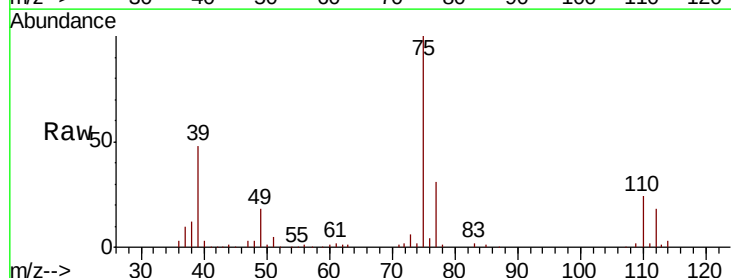
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

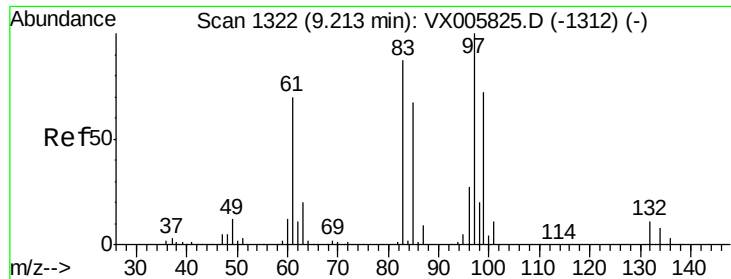
Tot Ion: 75 Resp: 73051
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 54.975 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: VX005872.D
 Acq: 09 Nov 2018 19:58

Tgt Ion: 75 Resp: 79387
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.2 37.8
 39 47.8 38.2 57.2





#55

1,1,2-Trichloroethane

Concen: 47.539 ug/l

RT: 9.22 min Scan# 1323

Delta R.T. 0.01 min

Lab File: VX005872.D

Acq: 09 Nov 2018 19:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 49388

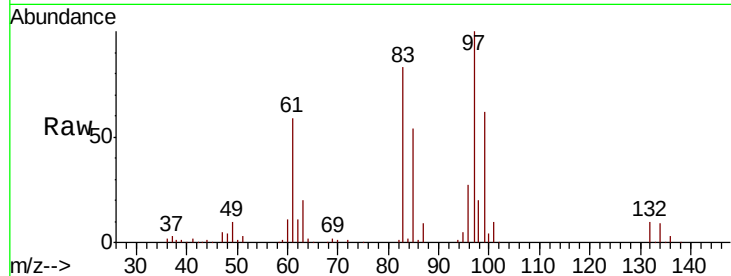
Ion Ratio Lower Upper

97 100

83 83.1 70.7 106.1

85 54.4 45.8 68.6

99 61.7 51.8 77.8

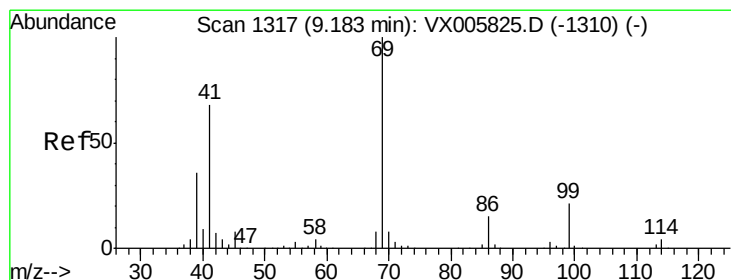
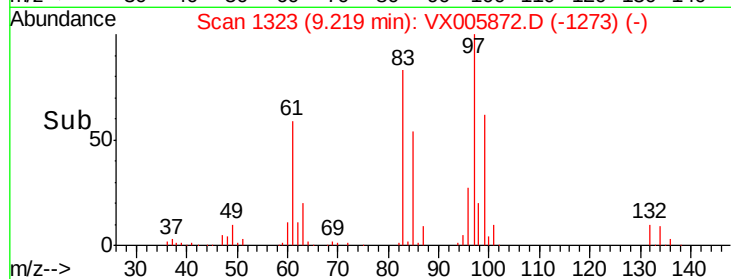
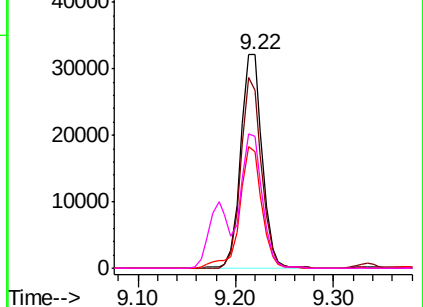


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 50.210 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VX005872.D

Acq: 09 Nov 2018 19:58

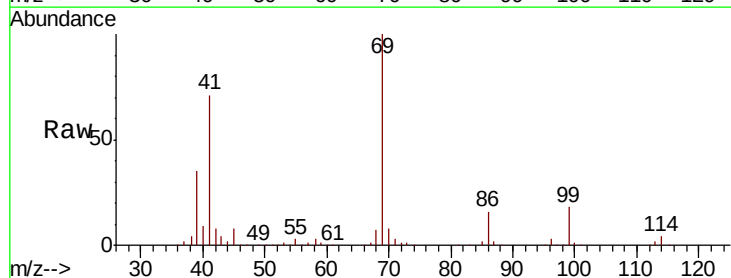
Tgt Ion: 69 Resp: 78050

Ion Ratio Lower Upper

69 100

41 72.4 57.0 85.6

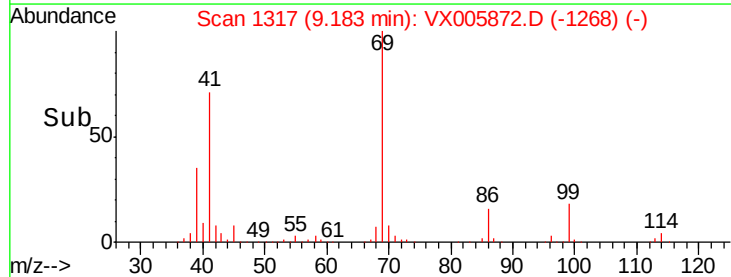
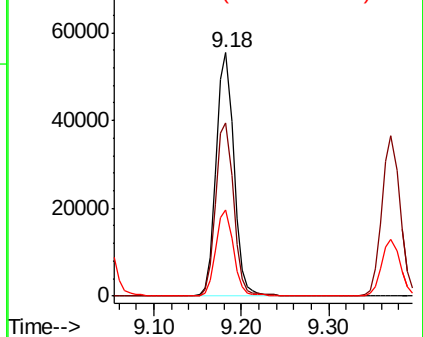
39 35.1 28.3 42.5

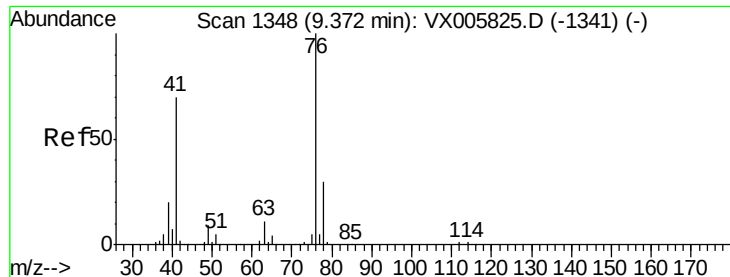


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

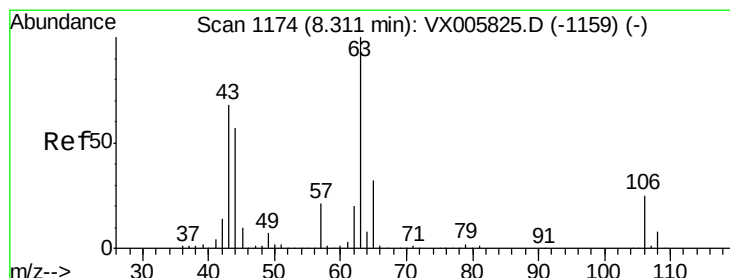
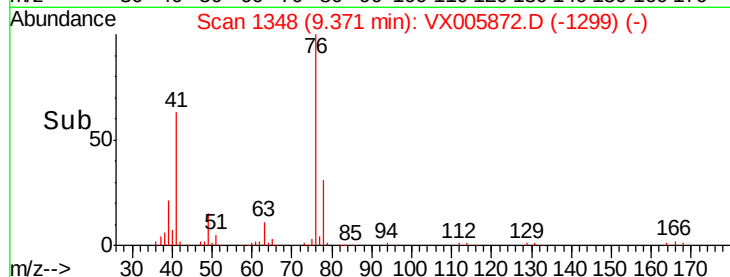
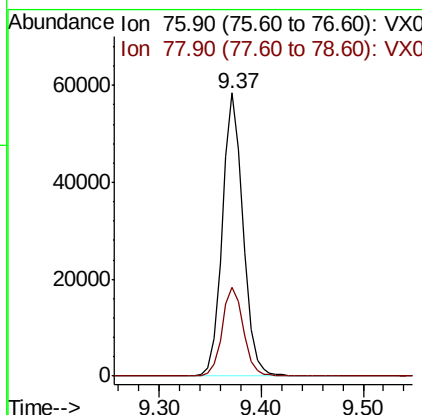
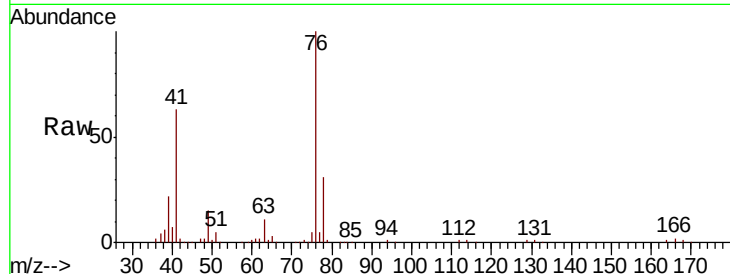




#57
 1,3-Dichloropropane
 Concen: 47.329 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX005872.D
 Acq: 09 Nov 2018 19:58

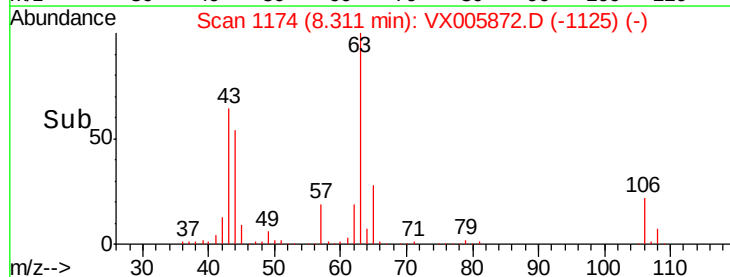
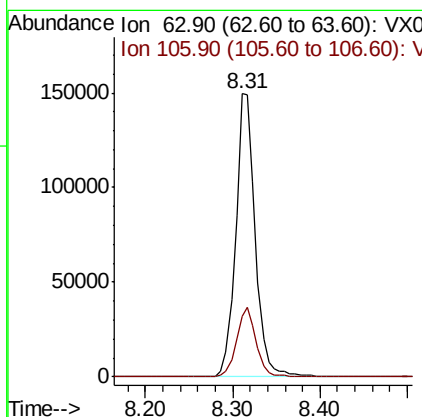
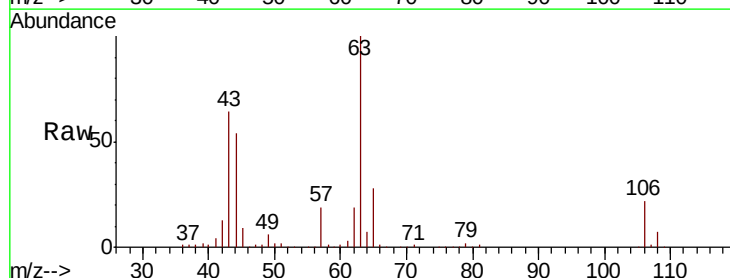
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

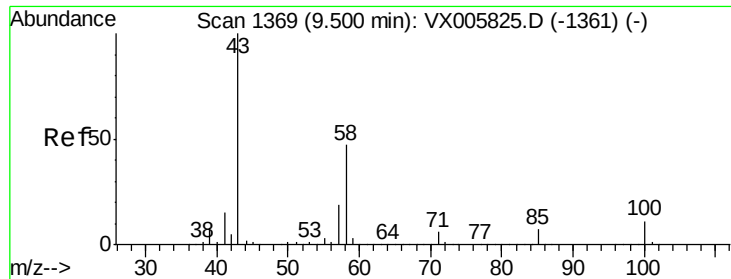
Tot Ion: 76 Resp: 82630
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.3 37.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 275.130 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX005872.D
 Acq: 09 Nov 2018 19:58

Tgt Ion: 63 Resp: 233773
 Ion Ratio Lower Upper
 63 100
 106 24.7 21.3 31.9

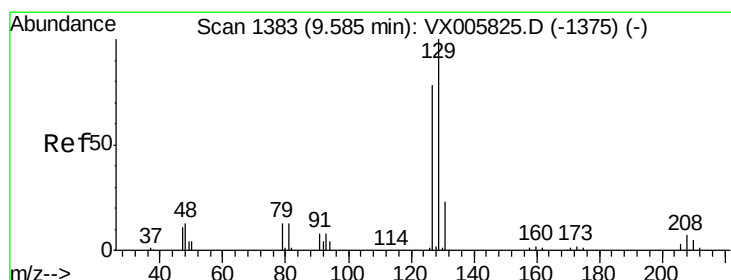
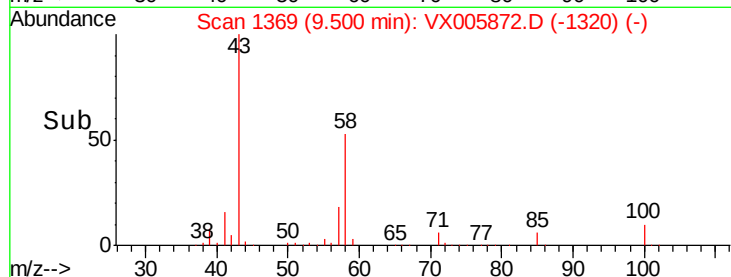
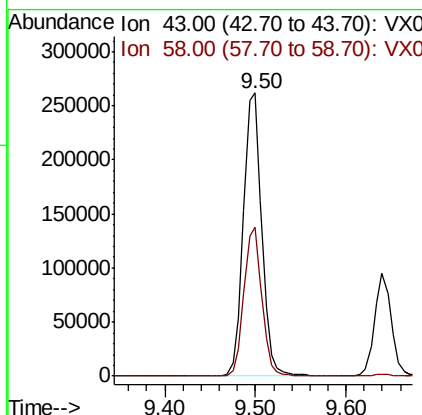
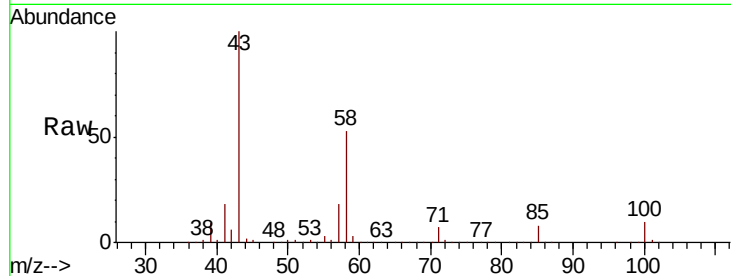




#59
2-Hexanone
Concen: 242.454 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX005872.D
Acq: 09 Nov 2018 19:58

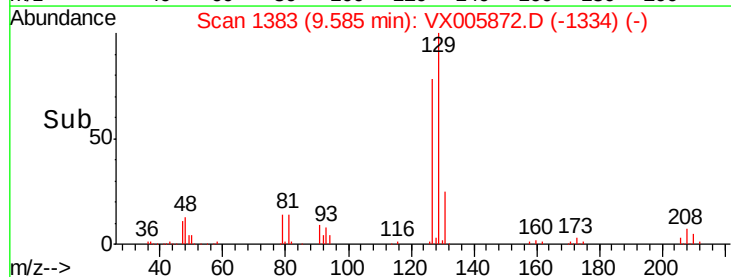
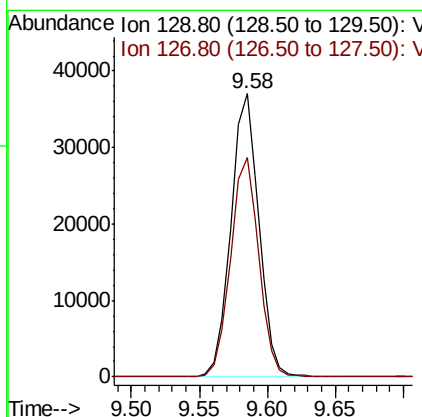
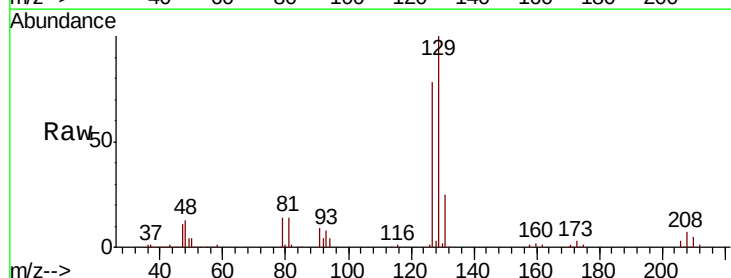
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

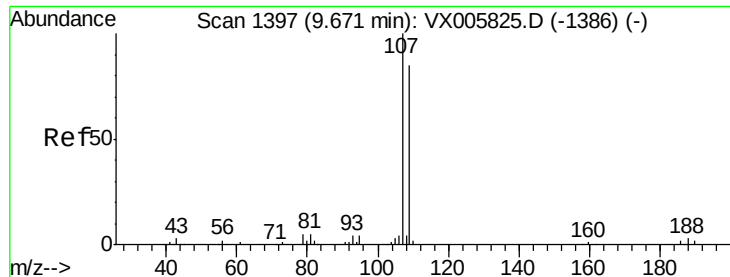
Tot Ion: 43 Resp: 367197
Ion Ratio Lower Upper
43 100
58 51.8 25.9 77.8



#60
Dibromochloromethane
Concen: 47.187 ug/l
RT: 9.58 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005872.D
Acq: 09 Nov 2018 19:58

Tgt Ion:129 Resp: 52981
Ion Ratio Lower Upper
129 100
127 78.3 38.9 116.7





#61

1,2-Dibromoethane

Concen: 45.482 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX005872.D

Acq: 09 Nov 2018 19:58

Instrument :

MSVOA_X

ClientSampleId :

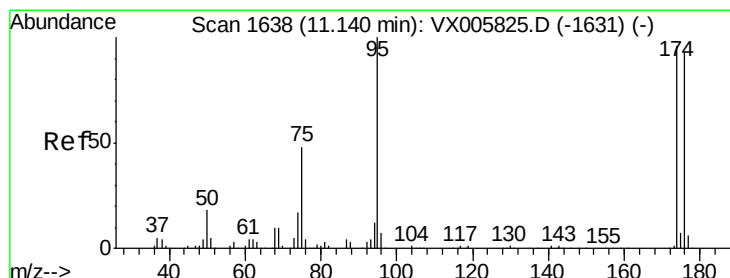
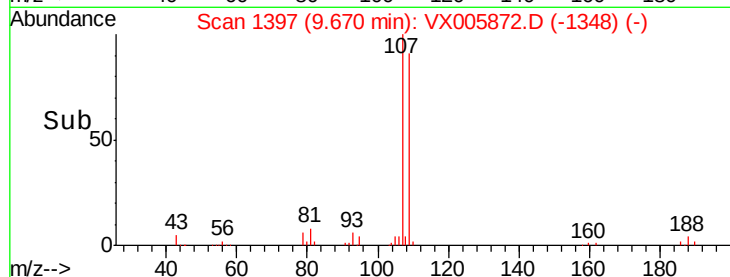
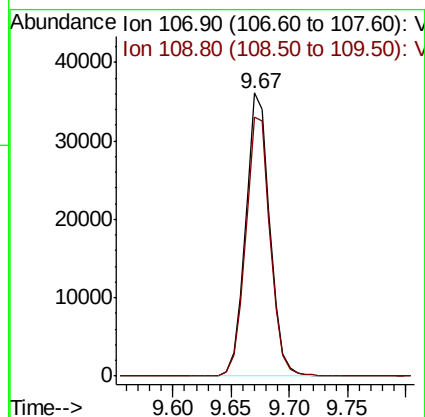
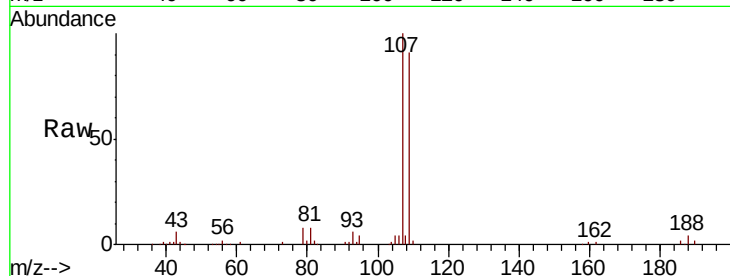
VSTDCCC050EC

Tot Ion:107 Resp: 52249

Ion Ratio Lower Upper

107 100

109 93.3 75.7 113.5



#62

4-Bromofluorobenzene

Concen: 53.654 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005872.D

Acq: 09 Nov 2018 19:58

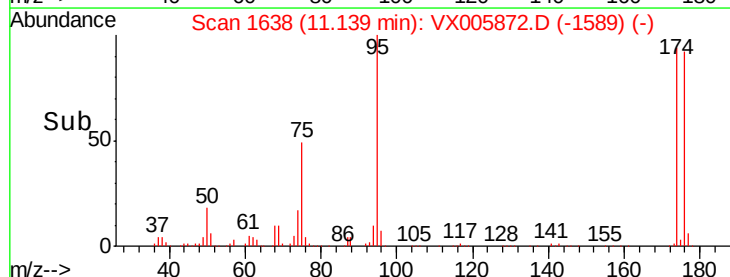
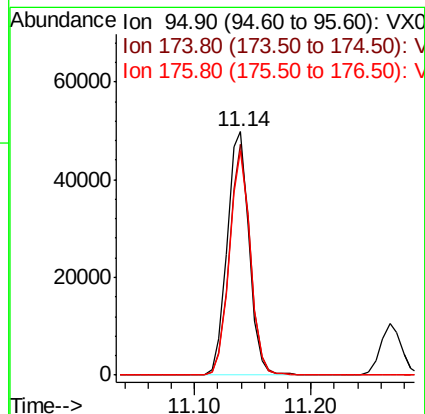
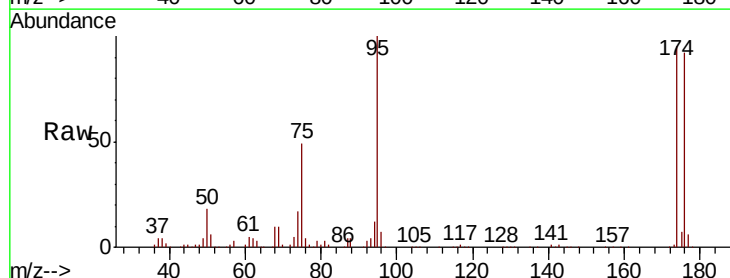
Tgt Ion: 95 Resp: 64738

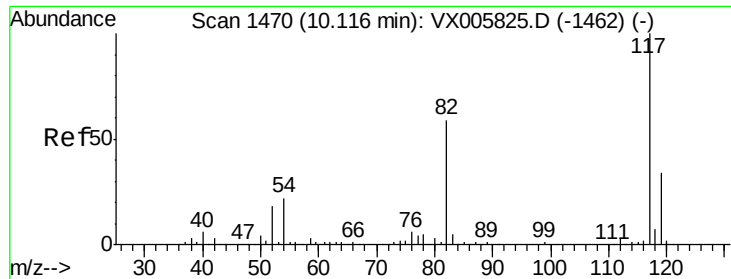
Ion Ratio Lower Upper

95 100

174 90.3 0.0 184.4

176 88.4 0.0 177.4

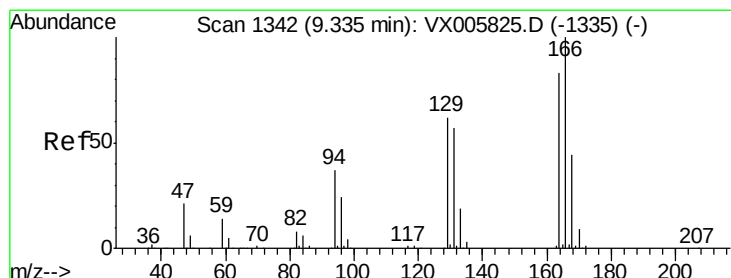
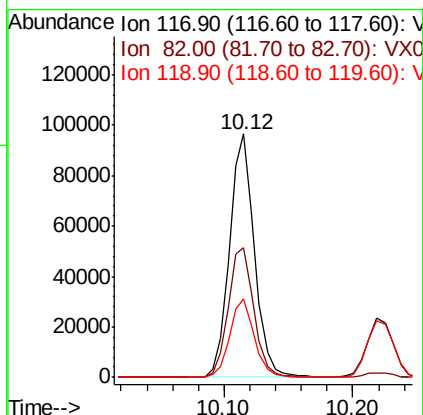
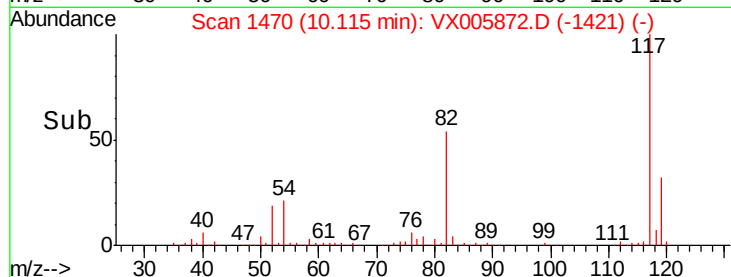
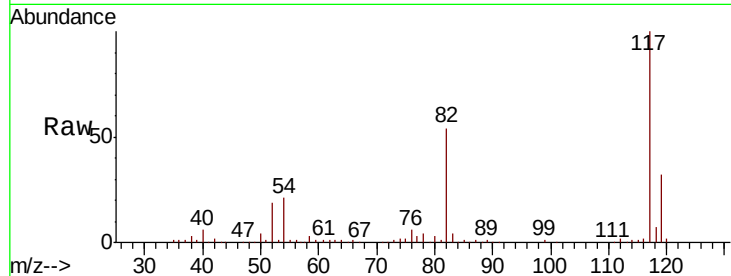




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005872.D
Acq: 09 Nov 2018 19:58

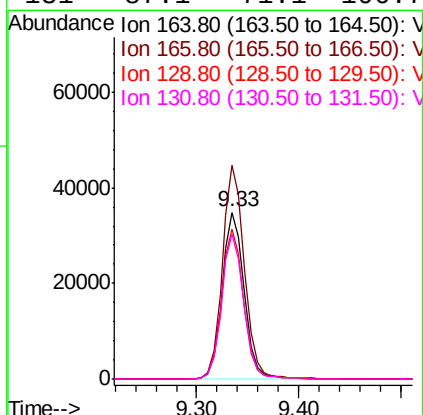
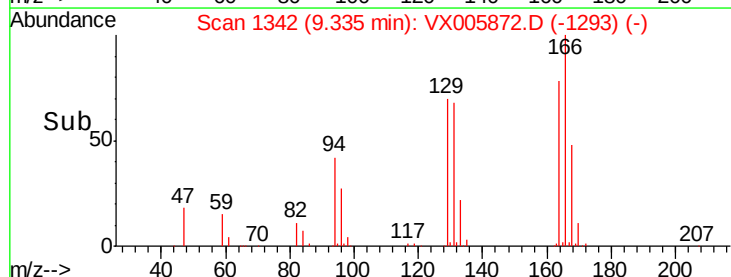
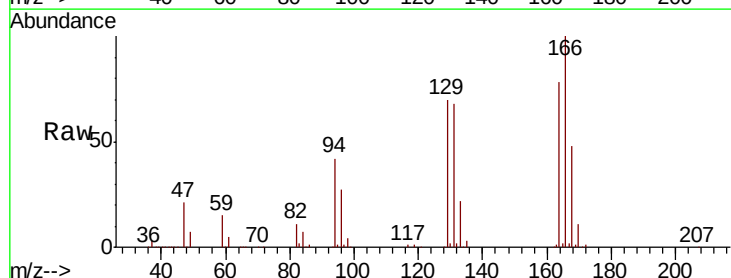
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

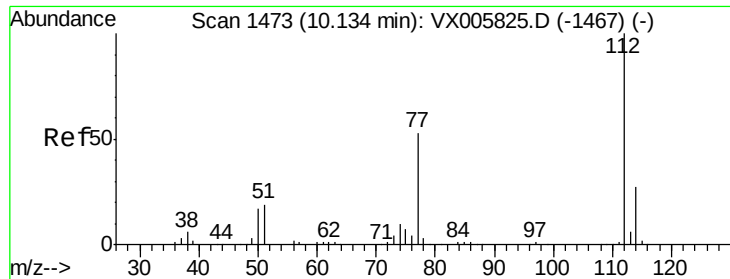
Tot Ion:117 Resp: 130548
Ion Ratio Lower Upper
117 100
82 53.5 44.1 66.1
119 32.0 26.2 39.2



#64
Tetrachloroethene
Concen: 47.012 ug/l
RT: 9.33 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005872.D
Acq: 09 Nov 2018 19:58

Tgt Ion:164 Resp: 52253
Ion Ratio Lower Upper
164 100
166 128.3 101.9 152.9
129 90.1 72.6 109.0
131 87.1 71.1 106.7

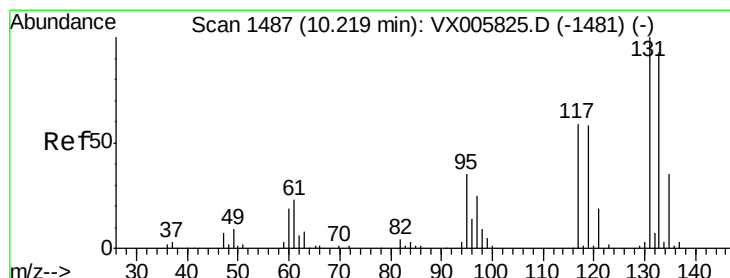
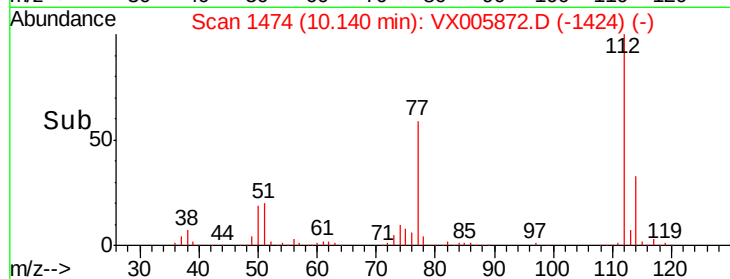
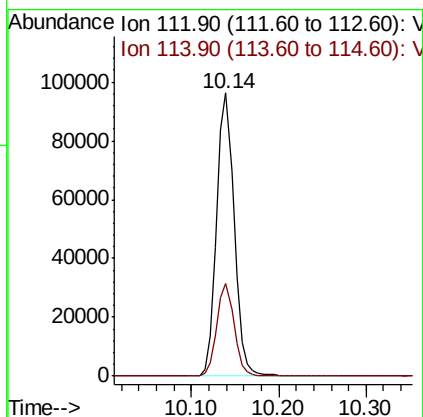
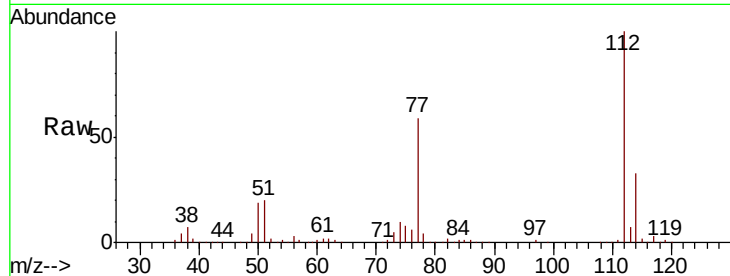




#65
Chlorobenzene
Concen: 51.090 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX005872.D
Acq: 09 Nov 2018 19:58

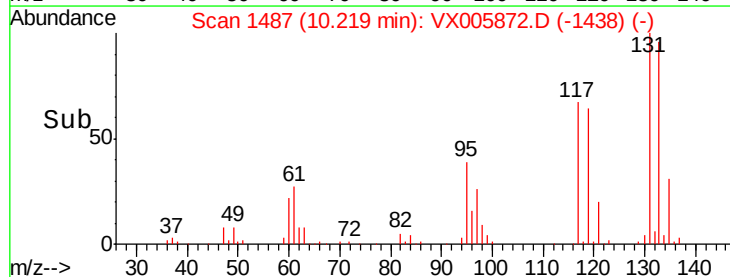
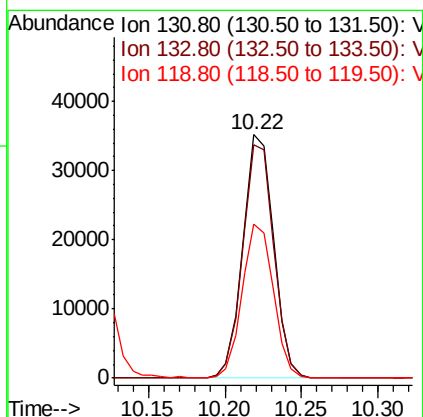
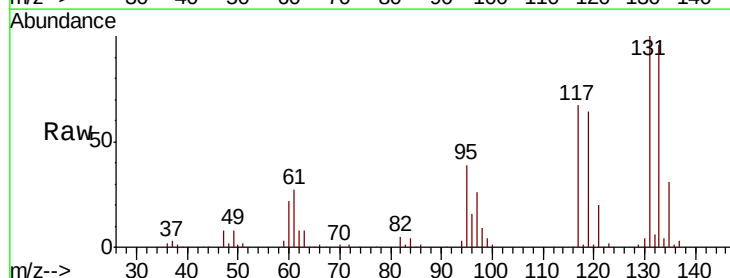
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

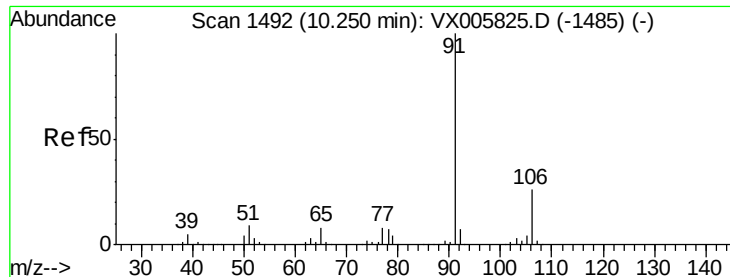
Tot Ion:112 Resp: 133616
Ion Ratio Lower Upper
112 100
114 32.8 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 54.230 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX005872.D
Acq: 09 Nov 2018 19:58

Tgt Ion:131 Resp: 49307
Ion Ratio Lower Upper
131 100
133 96.7 47.5 142.5
119 64.3 31.8 95.3





#67

Ethyl Benzene

Concen: 55.297 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX005872.D

Acq: 09 Nov 2018 19:58

Instrument :

MSVOA_X

ClientSampleId :

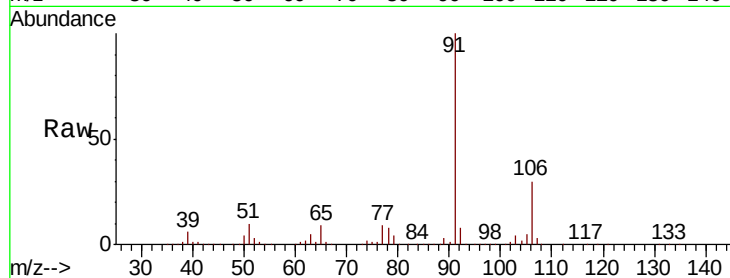
VSTDCCC050EC

Tot Ion: 91 Resp: 231897

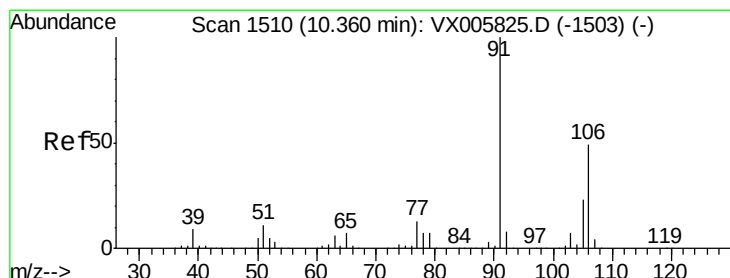
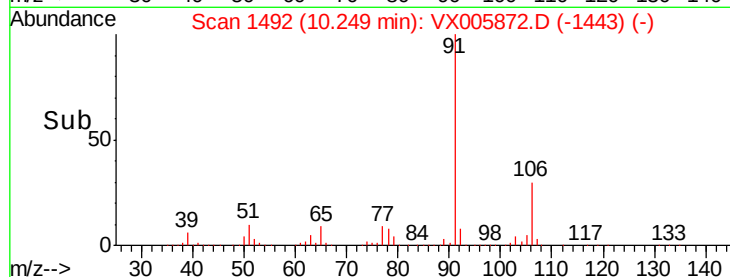
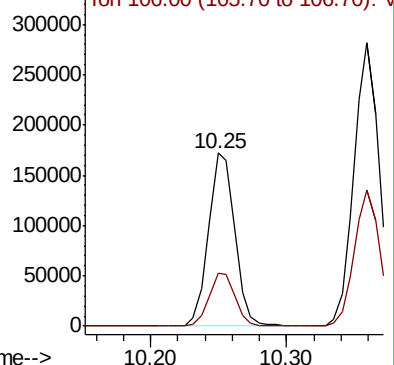
Ion Ratio Lower Upper

91 100

106 30.4 24.4 36.6



Abundance Ion 91.00 (90.70 to 91.70): VX005825.D (-1485) (-)



#68

m/p-Xylenes

Concen: 111.957 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX005872.D

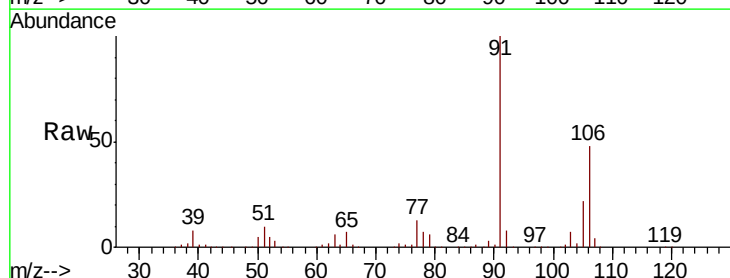
Acq: 09 Nov 2018 19:58

Tgt Ion: 106 Resp: 179091

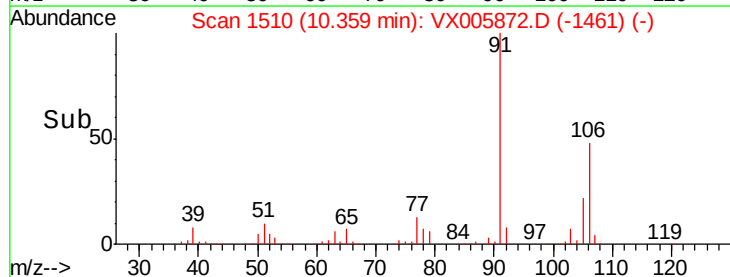
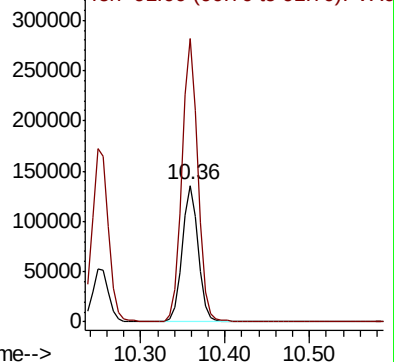
Ion Ratio Lower Upper

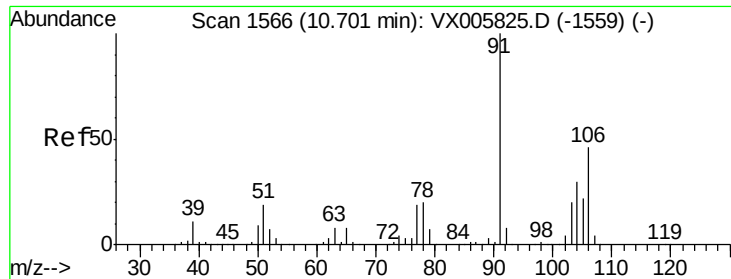
106 100

91 207.1 164.2 246.4



Abundance Ion 106.00 (105.70 to 106.70): VX005825.D (-1503) (-)

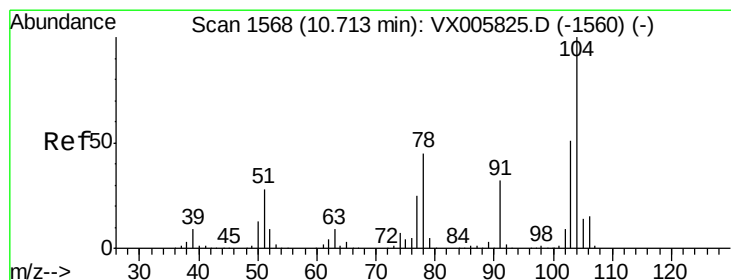
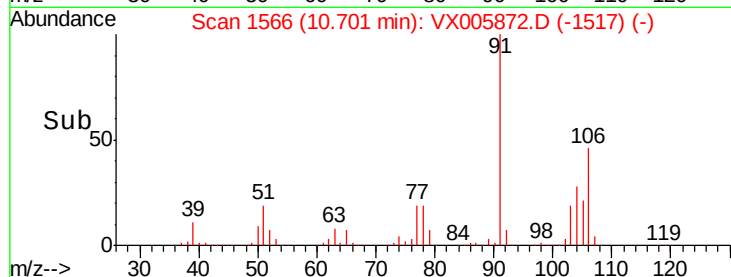
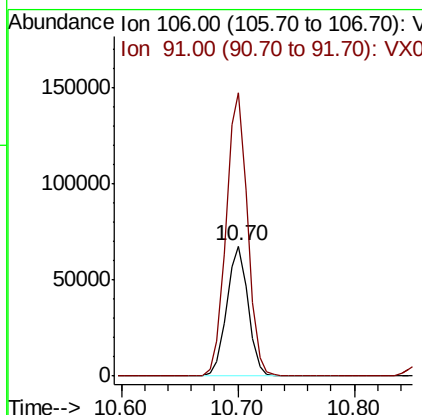
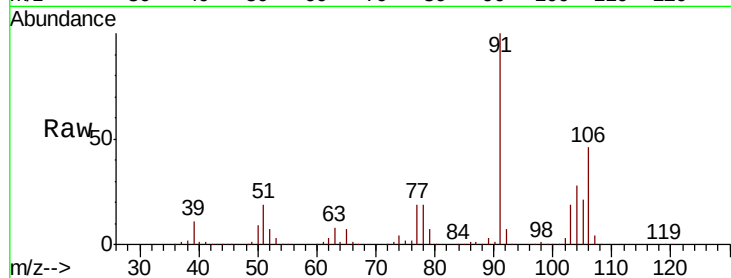




#69
o-Xylene
Concen: 59.772 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005872.D
Acq: 09 Nov 2018 19:58

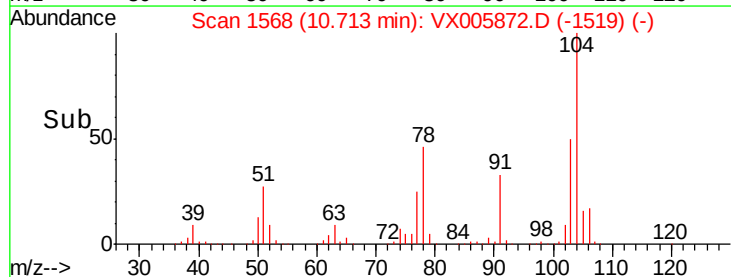
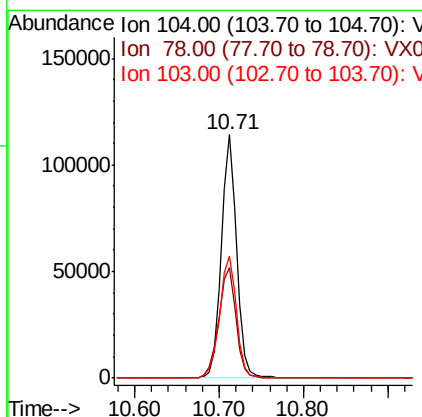
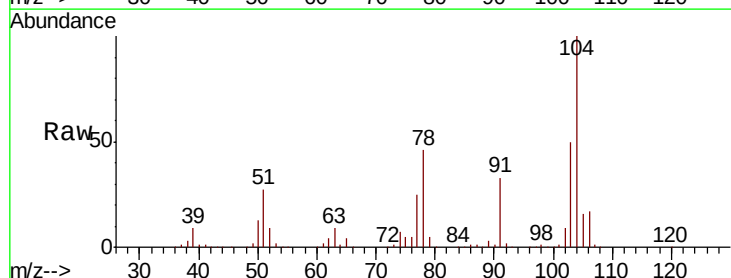
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

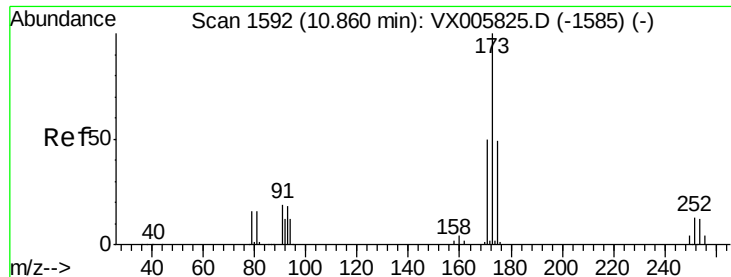
Tot Ion:106 Resp: 85737
Ion Ratio Lower Upper
106 100
91 218.7 108.5 325.5



#70
Styrene
Concen: 61.023 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005872.D
Acq: 09 Nov 2018 19:58

Tgt Ion:104 Resp: 144393
Ion Ratio Lower Upper
104 100
78 51.6 40.2 60.4
103 55.6 44.9 67.3





#71

Bromoform

Concen: 58.634 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005872.D

Acq: 09 Nov 2018 19:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

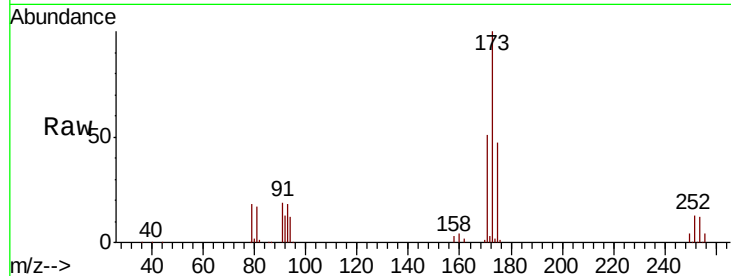
Tot Ion:173 Resp: 44690

Ion Ratio Lower Upper

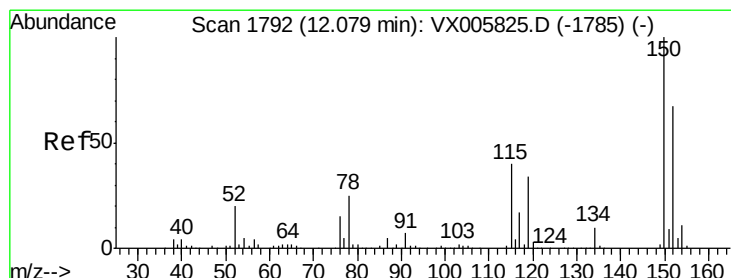
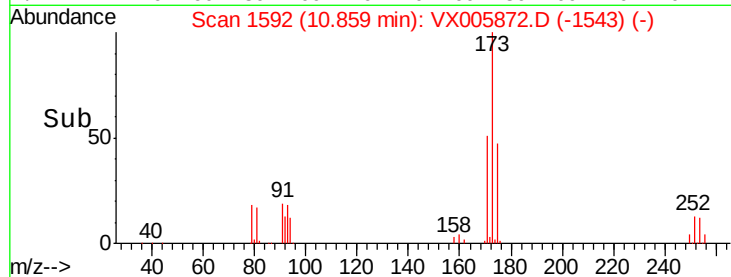
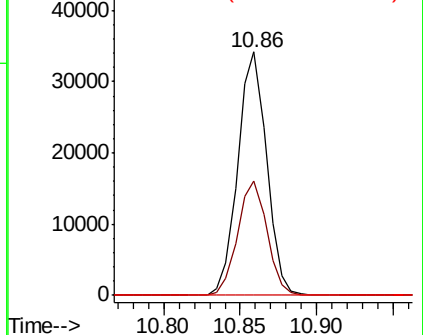
173 100

175 47.8 24.8 74.3

254 0.1 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX005872.D

Acq: 09 Nov 2018 19:58

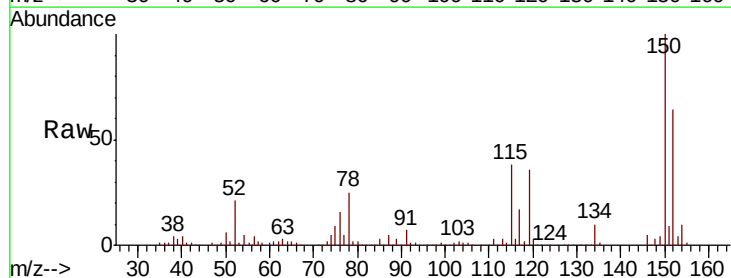
Tgt Ion:152 Resp: 74393

Ion Ratio Lower Upper

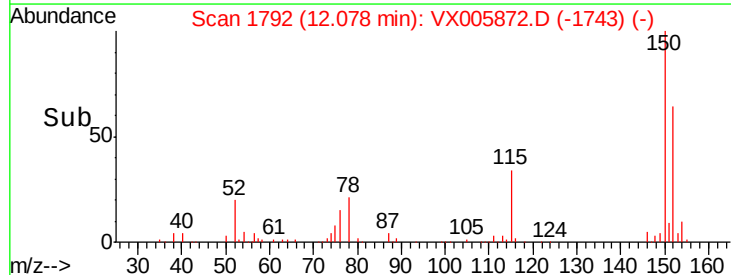
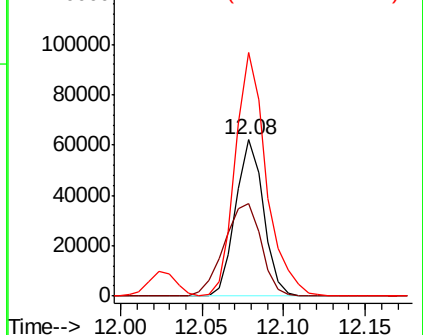
152 100

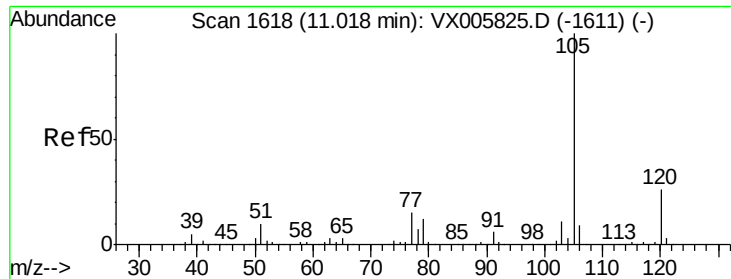
115 78.4 39.4 118.1

150 172.3 0.0 346.4



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: 55.202 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005872.D

Acq: 09 Nov 2018 19:58

Instrument :

MSVOA_X

ClientSampleId :

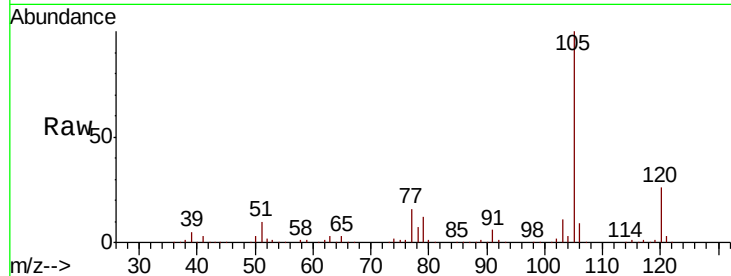
VSTDCCC050EC

Tot Ion:105 Resp: 237480

Ion Ratio Lower Upper

105 100

120 26.2 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

150000

100000

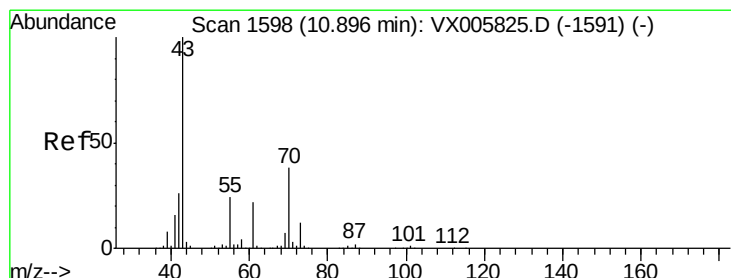
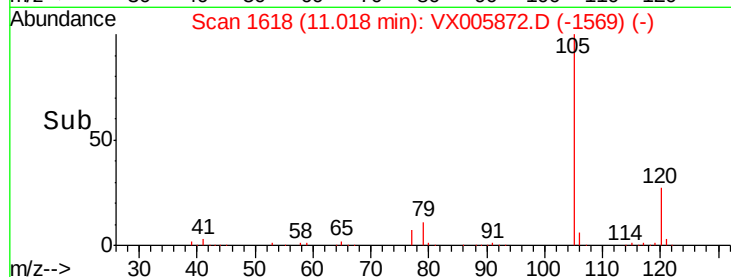
50000

0

11.02

11.10

Time-->



#74

N-ethyl acetate

Concen: 50.250 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX005872.D

Acq: 09 Nov 2018 19:58

Tgt Ion: 43 Resp: 121312

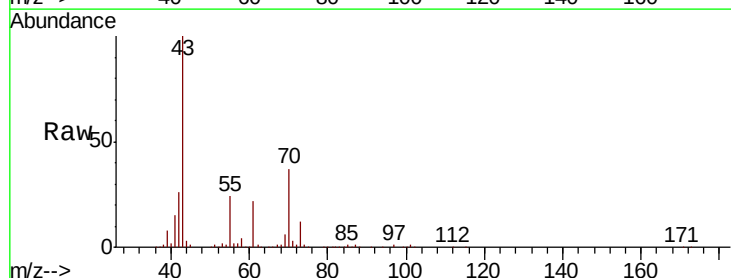
Ion Ratio Lower Upper

43 100

70 39.0 31.6 47.4

55 24.6 19.7 29.5

61 22.6 18.3 27.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

150000

100000

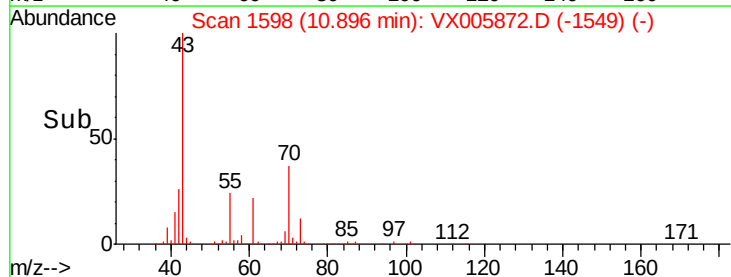
50000

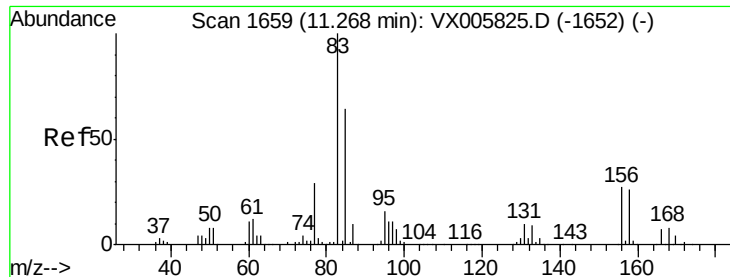
0

10.90

11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 52.053 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005872.D

Acq: 09 Nov 2018 19:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

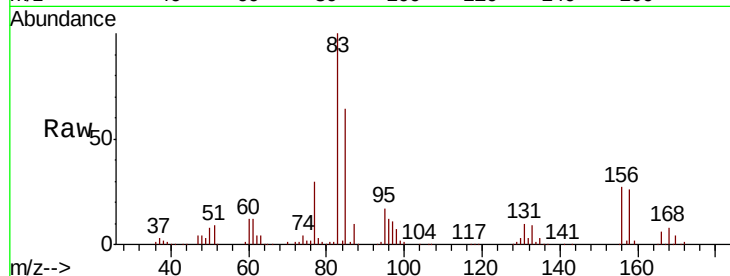
Tot Ion: 83 Resp: 82195

Ion Ratio Lower Upper

83 100

131 10.7 5.3 15.9

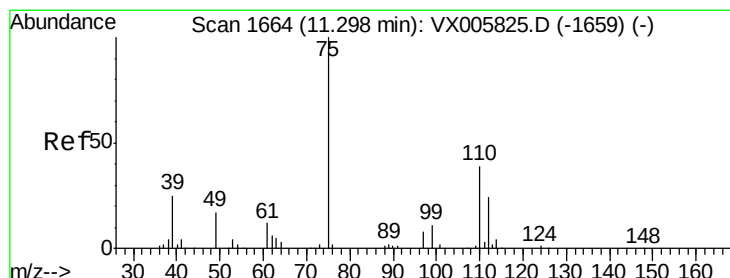
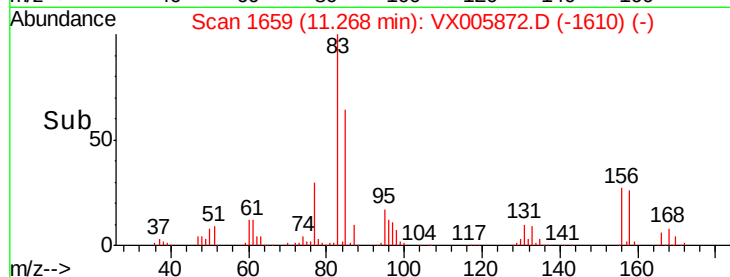
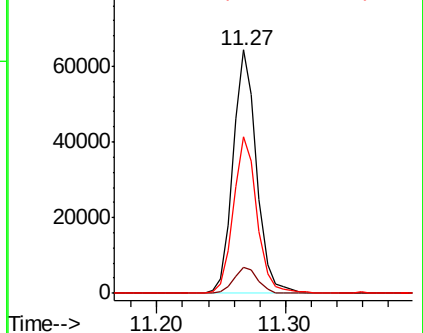
85 64.7 32.0 96.2



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: 66.307 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX005872.D

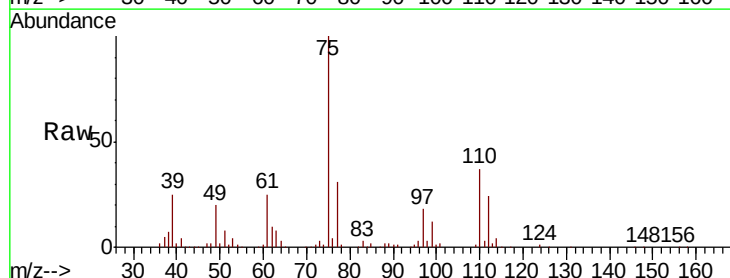
Acq: 09 Nov 2018 19:58

Tgt Ion: 75 Resp: 100442

Ion Ratio Lower Upper

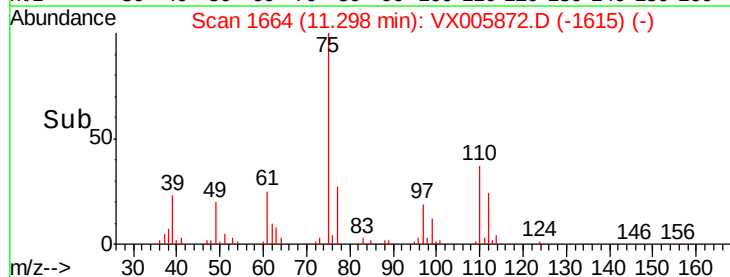
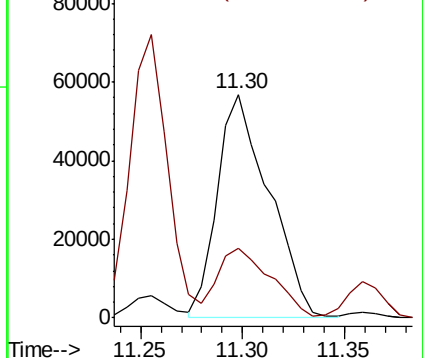
75 100

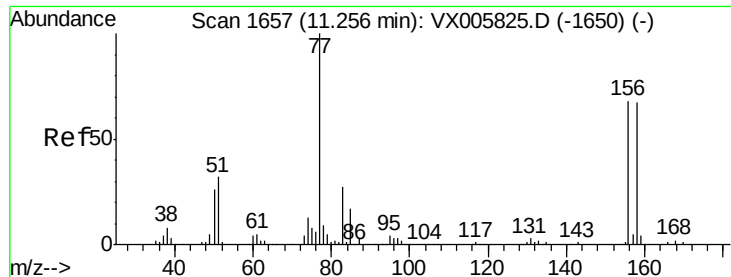
77 31.5 20.5 61.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 51.284 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005872.D

Acq: 09 Nov 2018 19:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

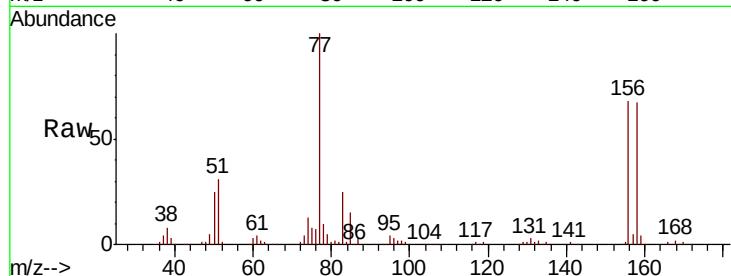
Tot Ion:156 Resp: 62186

Ion Ratio Lower Upper

156 100

77 149.8 74.8 224.4

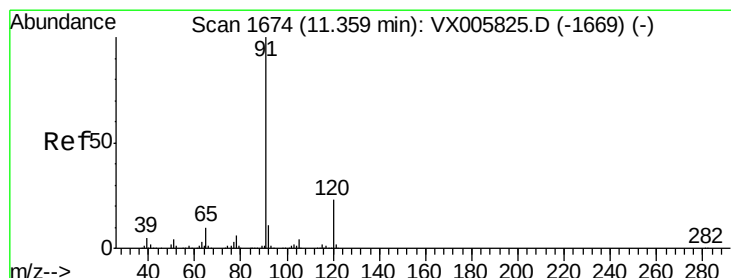
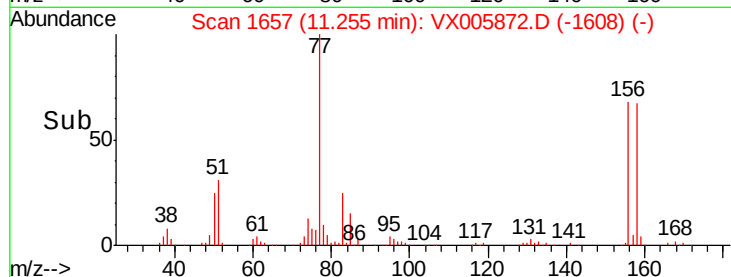
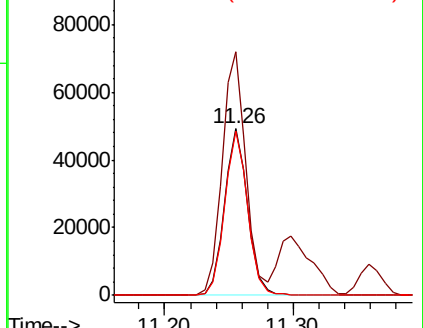
158 98.5 49.1 147.3



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: 54.335 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005872.D

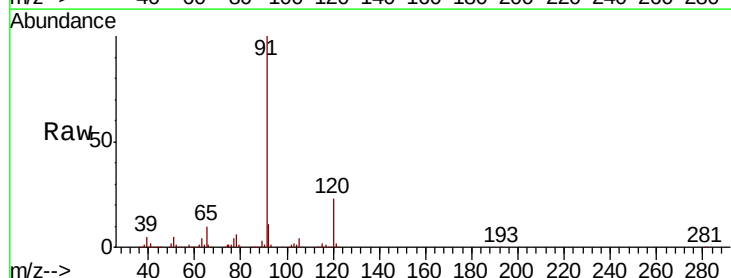
Acq: 09 Nov 2018 19:58

Tgt Ion: 91 Resp: 275484

Ion Ratio Lower Upper

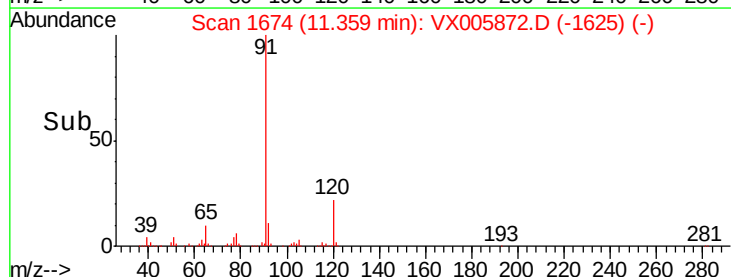
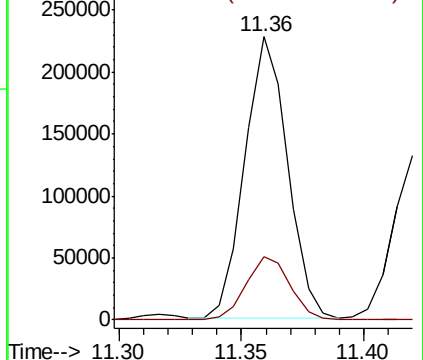
91 100

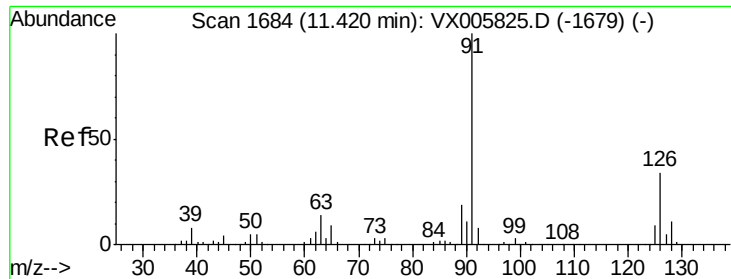
120 23.3 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

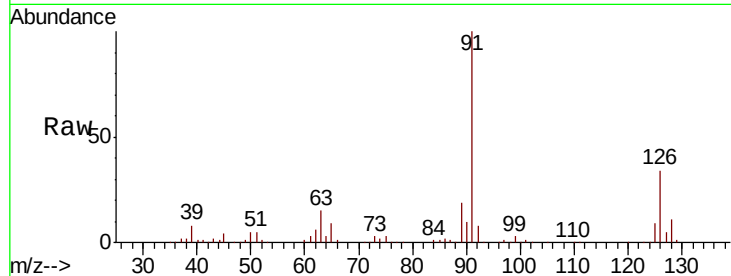




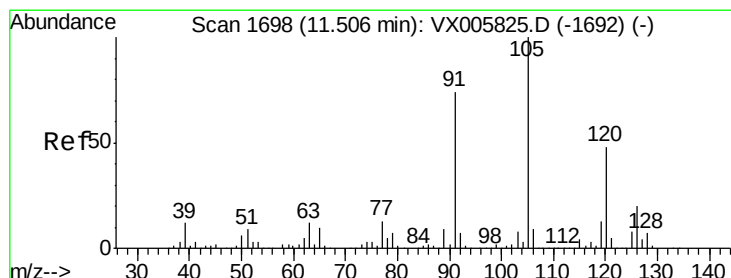
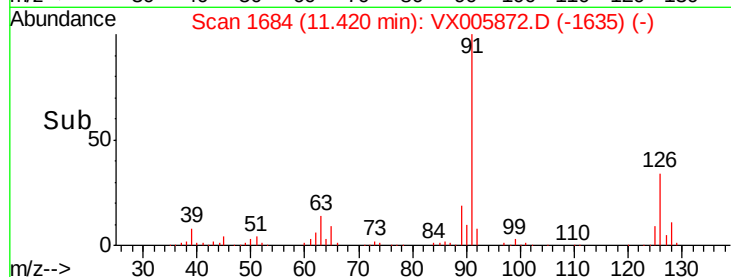
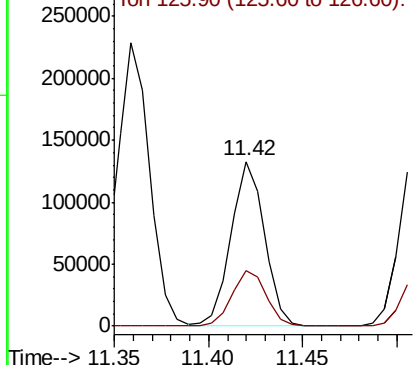
#79
 2-Chlorotoluene
 Concen: 53.101 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX005872.D
 Acq: 09 Nov 2018 19:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 162730
 Ion Ratio Lower Upper
 91 100
 126 34.7 17.3 52.0

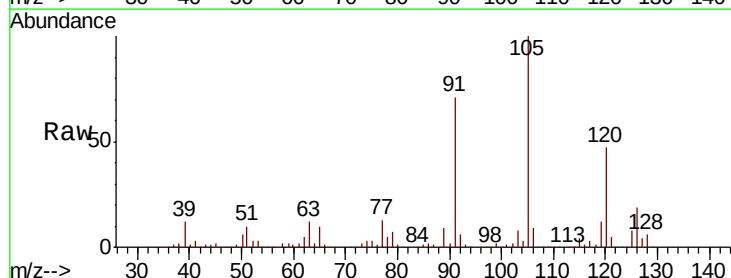


Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 125.90 (125.60 to 126.60): V

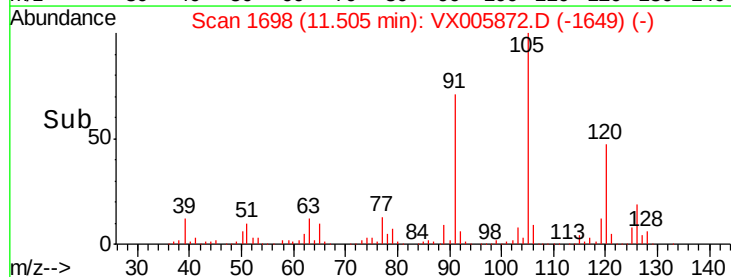
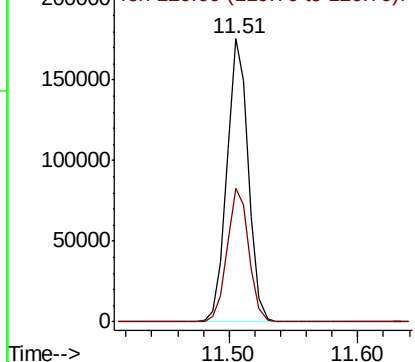


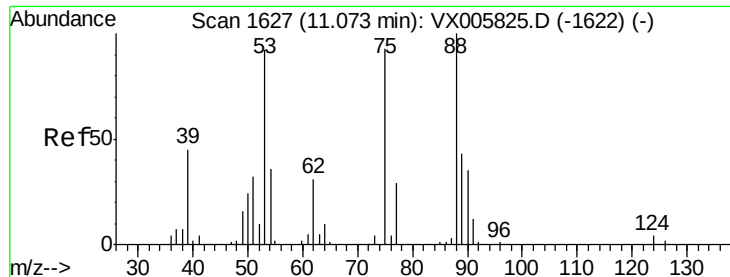
#80
 1,3,5-Trimethylbenzene
 Concen: 56.064 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX005872.D
 Acq: 09 Nov 2018 19:58

Tgt Ion:105 Resp: 204962
 Ion Ratio Lower Upper
 105 100
 120 47.9 24.1 72.2



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





#81

trans-1,4-Dichloro-2-butene

Concen: 53.732 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX005872.D

Acq: 09 Nov 2018 19:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

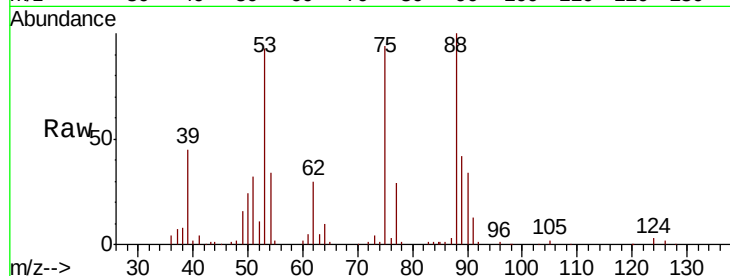
Tot Ion: 75 Resp: 25538

Ion Ratio Lower Upper

75 100

53 97.8 80.2 120.2

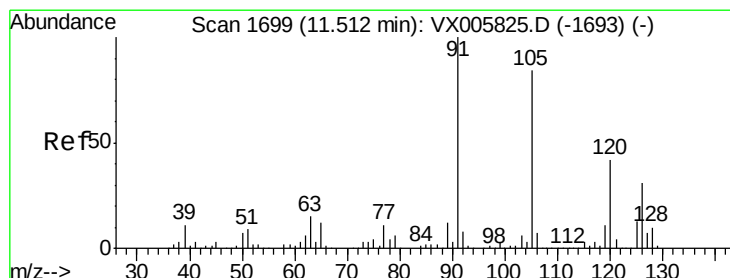
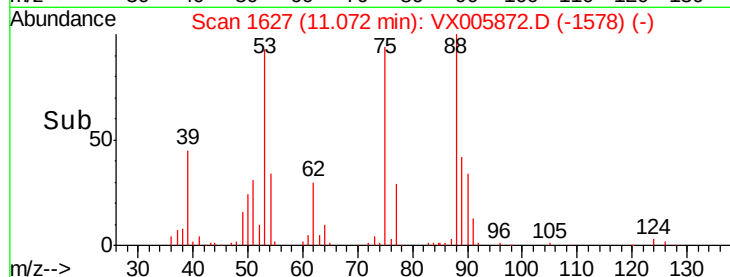
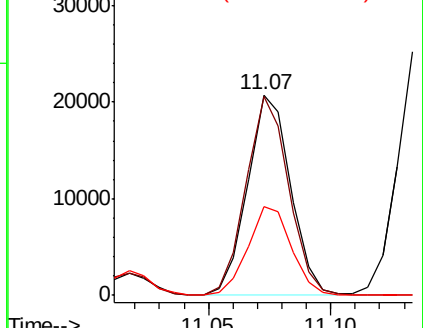
89 44.7 39.8 59.8



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: 53.949 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX005872.D

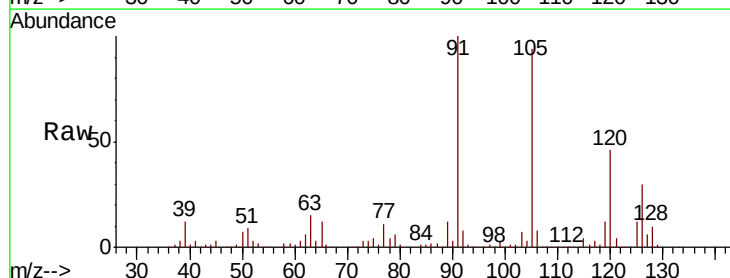
Acq: 09 Nov 2018 19:58

Tgt Ion: 91 Resp: 194848

Ion Ratio Lower Upper

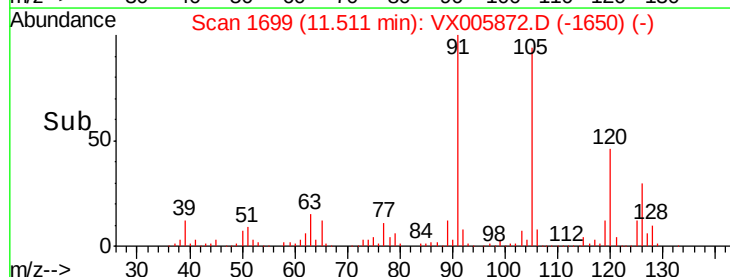
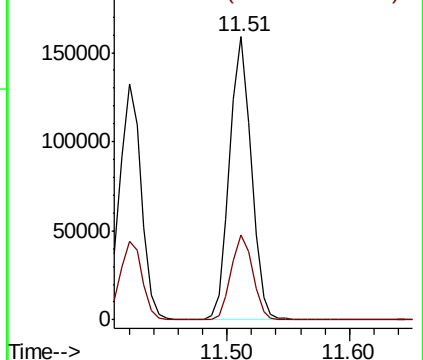
91 100

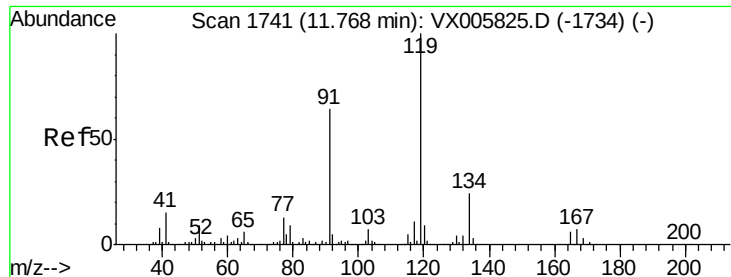
126 30.1 15.2 45.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

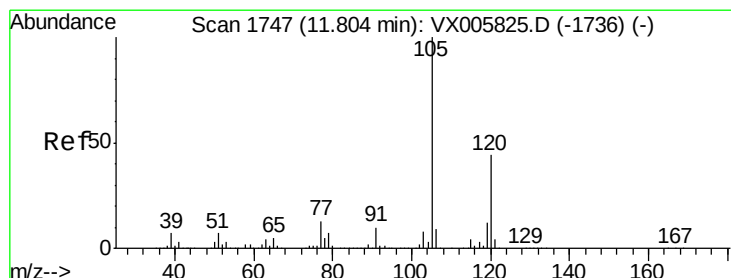
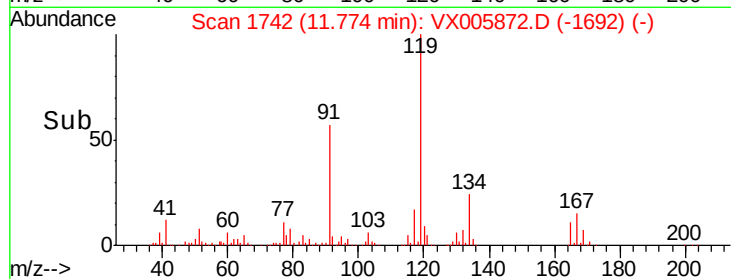
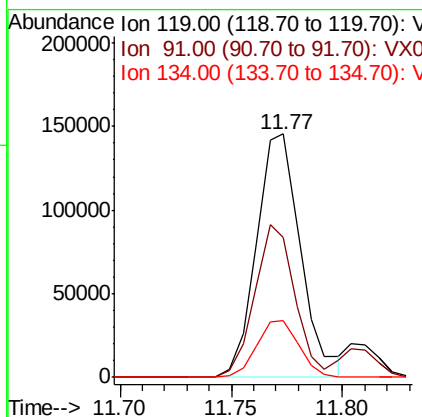
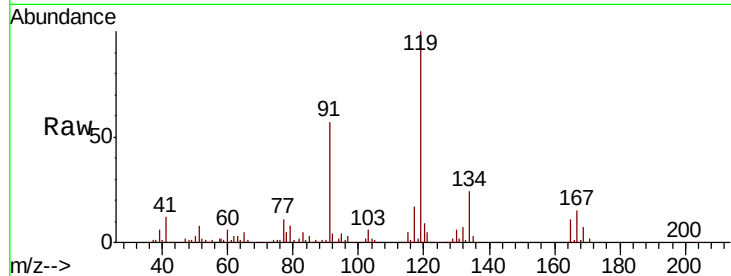




#83
 tert-Butylbenzene
 Concen: 54.242 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. 0.01 min
 Lab File: VX005872.D
 Acq: 09 Nov 2018 19:58

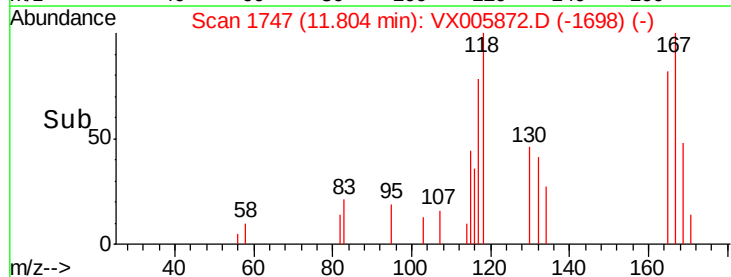
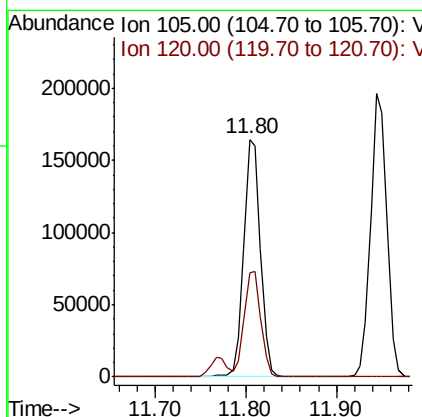
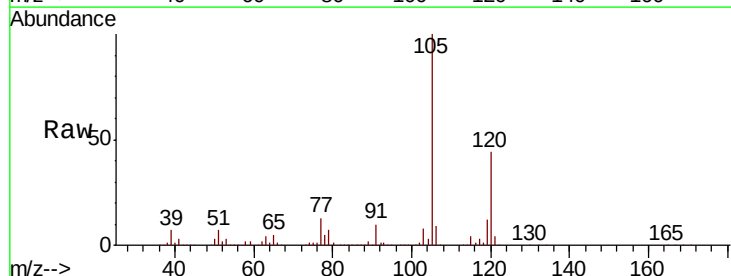
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

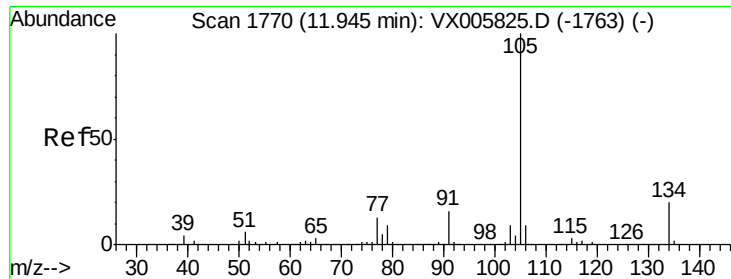
Tot Ion:119 Resp: 200617
 Ion Ratio Lower Upper
 119 100
 91 57.3 28.5 85.5
 134 22.5 11.3 33.8



#84
 1,2,4-Trimethylbenzene
 Concen: 51.856 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX005872.D
 Acq: 09 Nov 2018 19:58

Tgt Ion:105 Resp: 209199
 Ion Ratio Lower Upper
 105 100
 120 44.4 22.4 67.0





#85

sec-Butylbenzene

Concen: 53.774 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX005872.D

Acq: 09 Nov 2018 19:58

Instrument :

MSVOA_X

ClientSampleId :

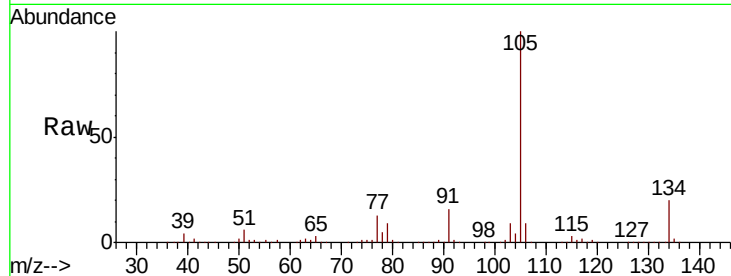
VSTDCCC050EC

Tot Ion:105 Resp: 243206

Ion Ratio Lower Upper

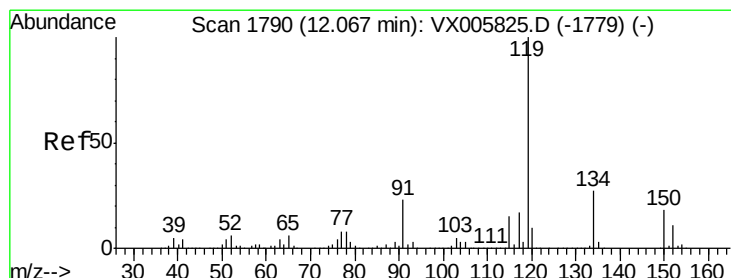
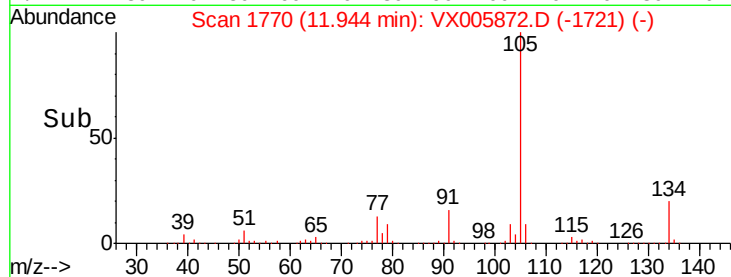
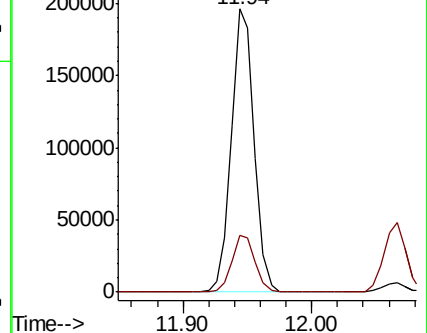
105 100

134 20.3 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 54.413 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX005872.D

Acq: 09 Nov 2018 19:58

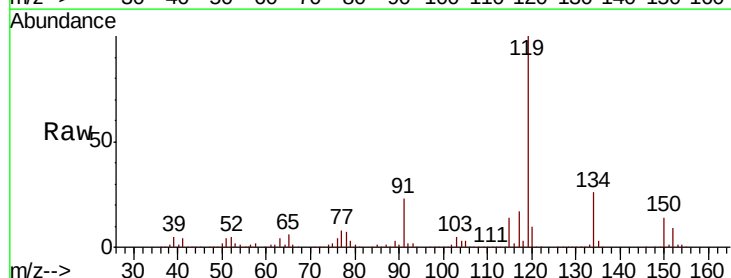
Tgt Ion:119 Resp: 217986

Ion Ratio Lower Upper

119 100

134 26.1 13.0 39.0

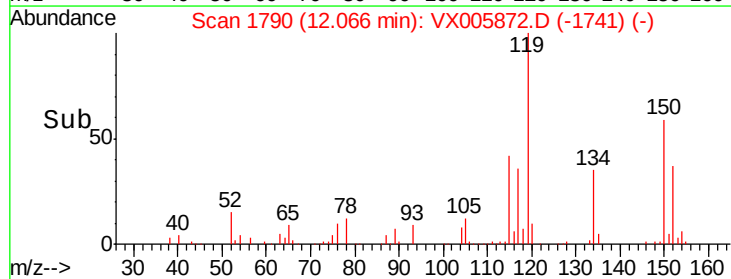
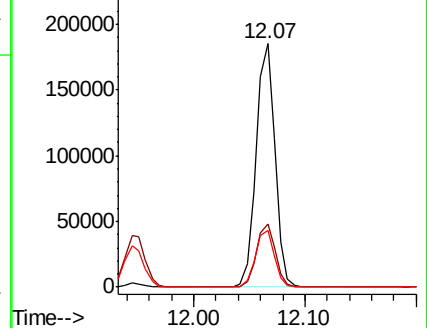
91 23.5 11.4 34.2

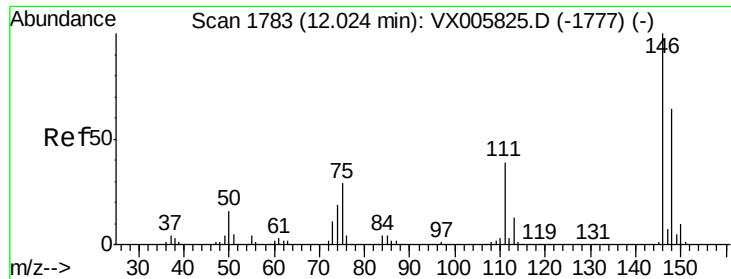


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

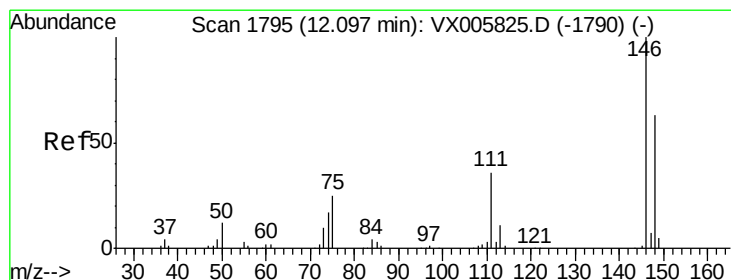
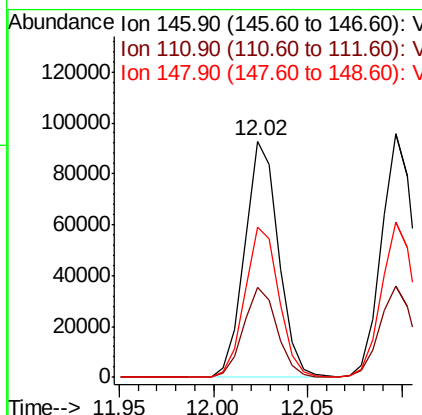
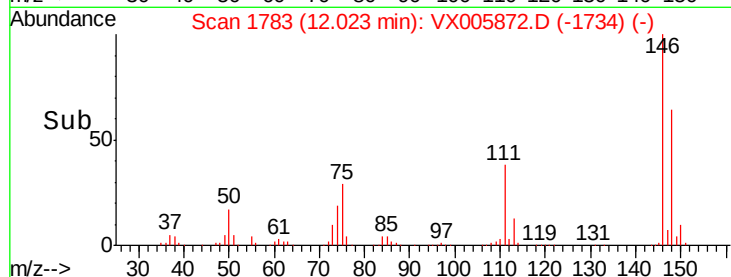
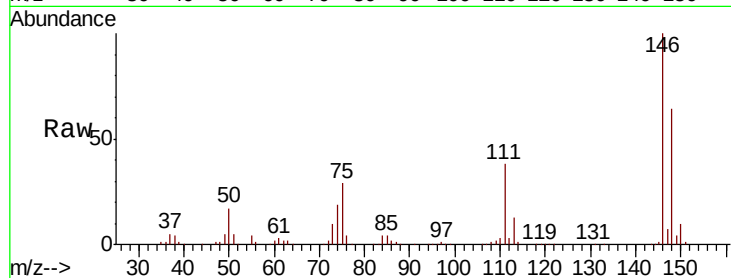




#87
 1,3-Dichlorobenzene
 Concen: 49.659 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX005872.D
 Acq: 09 Nov 2018 19:58

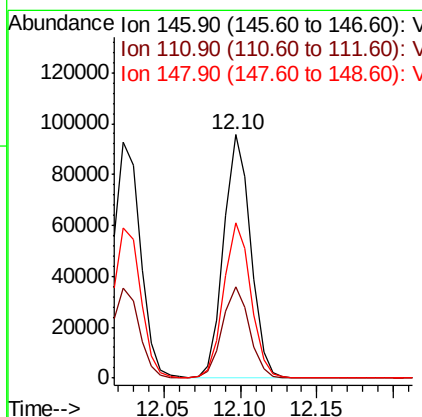
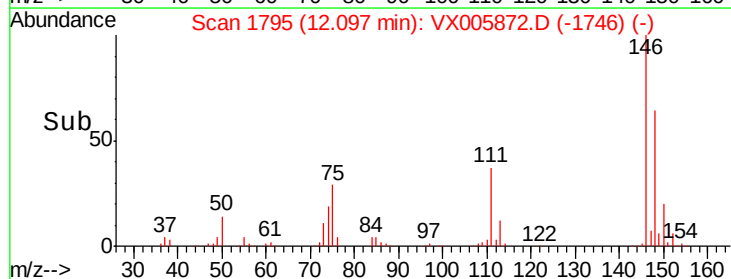
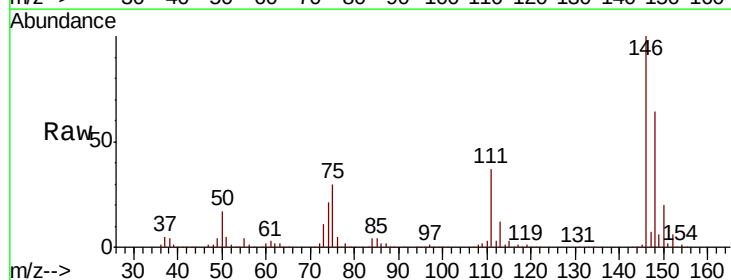
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

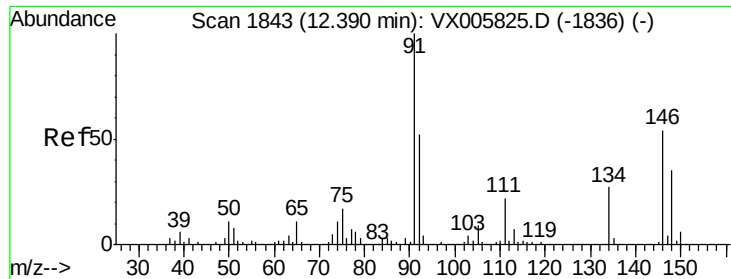
Tot Ion:146 Resp: 115562
 Ion Ratio Lower Upper
 146 100
 111 38.0 19.0 57.0
 148 64.2 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 49.190 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005872.D
 Acq: 09 Nov 2018 19:58

Tgt Ion:146 Resp: 117184
 Ion Ratio Lower Upper
 146 100
 111 37.8 18.6 55.8
 148 64.0 32.1 96.3

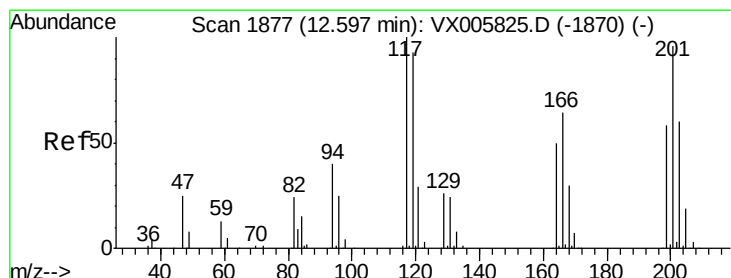
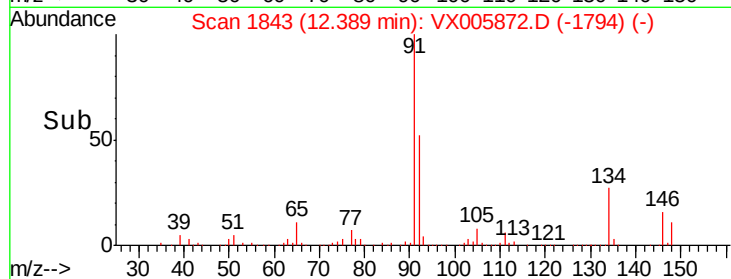
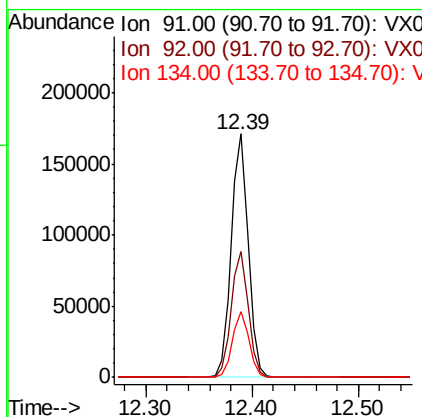
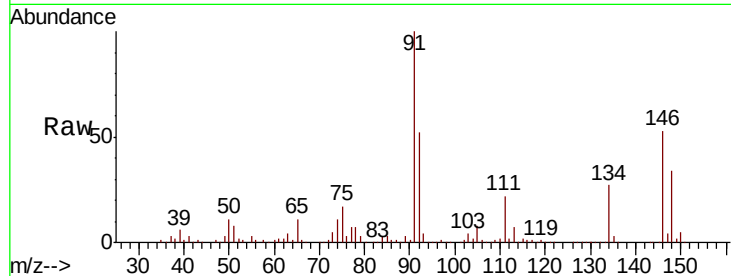




#89
n-Butylbenzene
Concen: 51.920 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005872.D
Acq: 09 Nov 2018 19:58

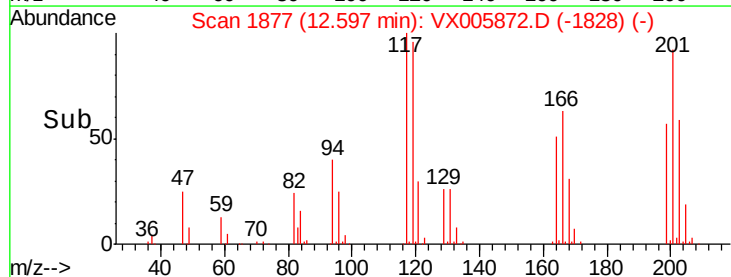
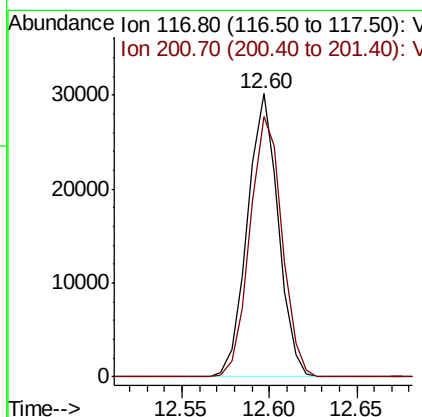
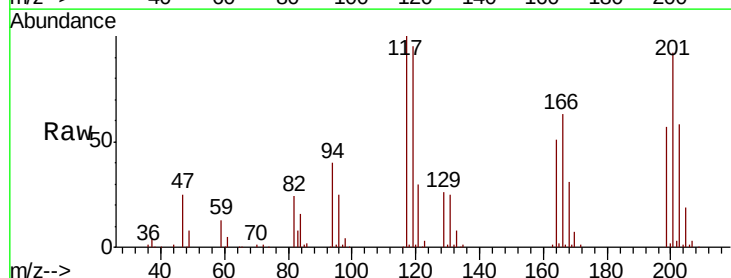
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

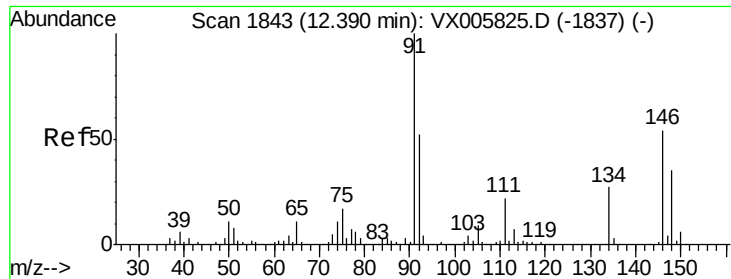
Tot Ion: 91 Resp: 192775
Ion Ratio Lower Upper
91 100
92 51.9 26.1 78.2
134 26.4 13.1 39.3



#90
Hexachloroethane
Concen: 55.073 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005872.D
Acq: 09 Nov 2018 19:58

Tgt Ion: 117 Resp: 36836
Ion Ratio Lower Upper
117 100
201 96.2 47.9 143.6

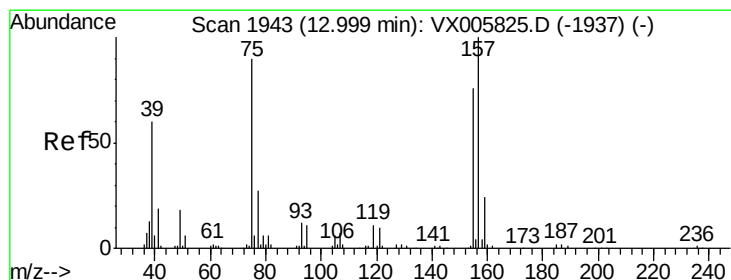
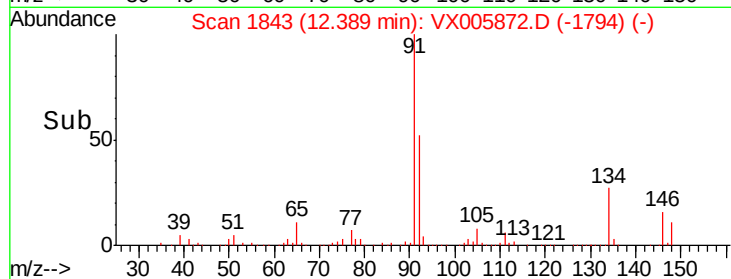
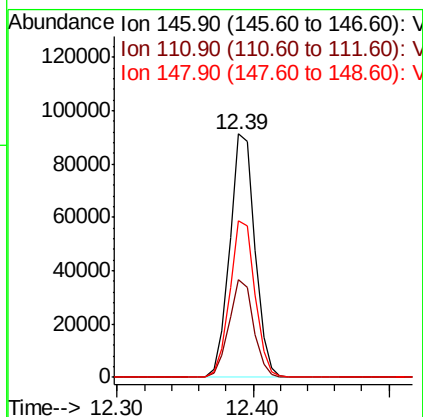
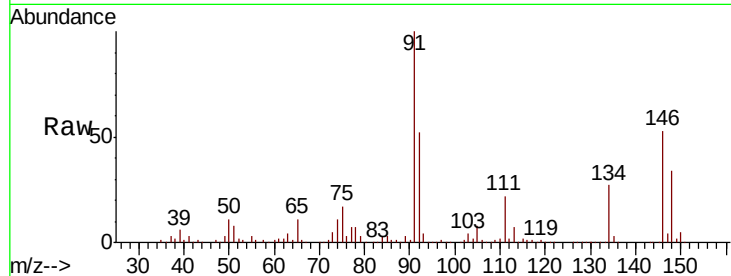




#91
 1,2-Dichlorobenzene
 Concen: 50.277 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX005872.D
 Acq: 09 Nov 2018 19:58

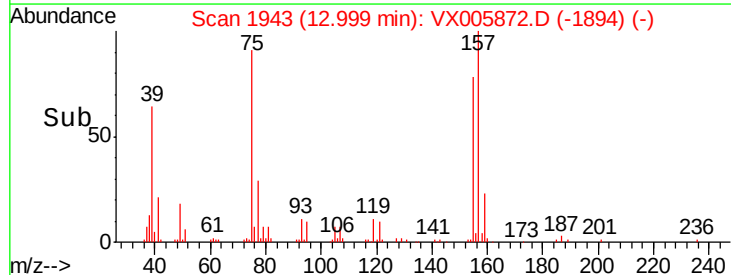
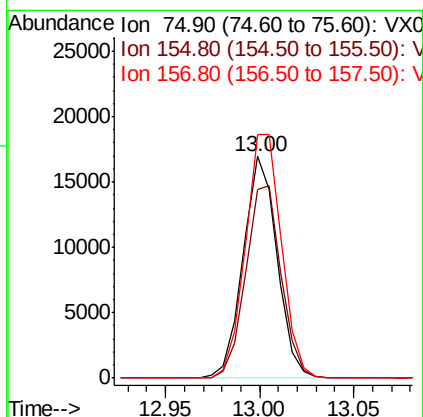
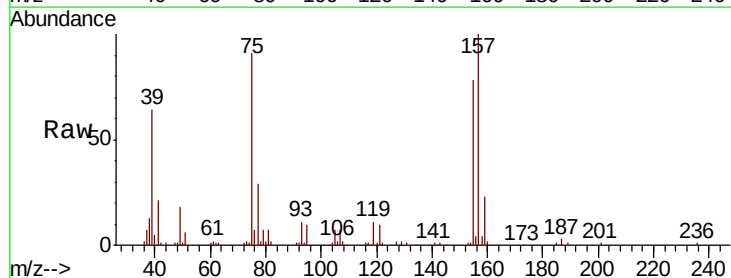
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

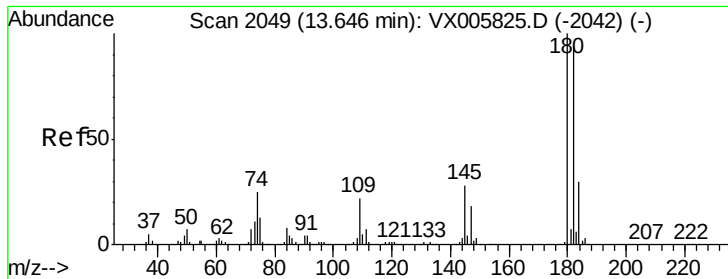
Tot Ion:146 Resp: 117207
 Ion Ratio Lower Upper
 146 100
 111 39.4 20.0 59.9
 148 64.3 32.2 96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.746 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX005872.D
 Acq: 09 Nov 2018 19:58

Tgt Ion: 75 Resp: 21095
 Ion Ratio Lower Upper
 75 100
 155 90.7 45.4 136.1
 157 117.0 57.4 172.0

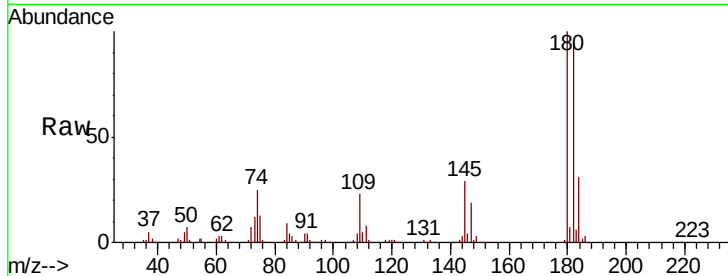




#93
 1,2,4-Trichlorobenzene
 Concen: 53.250 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005872.D
 Acq: 09 Nov 2018 19:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.6	142.8
145	28.0	14.1	42.2

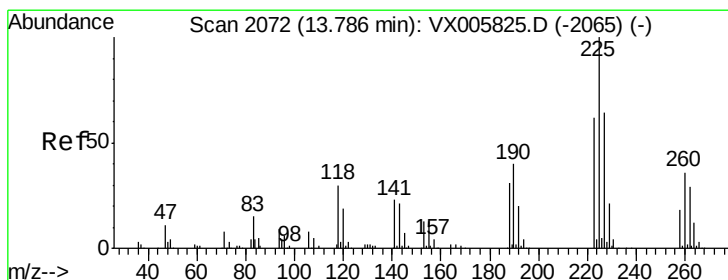
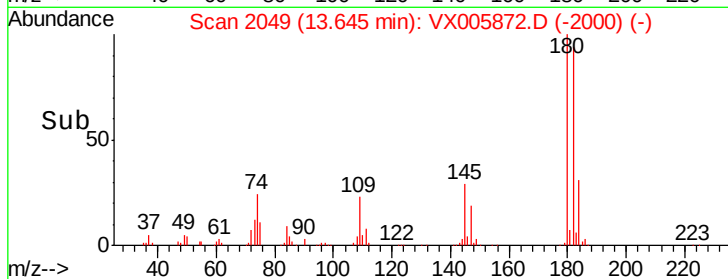
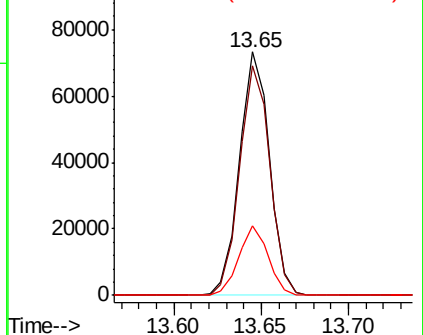


Abundance

Ion 179.80 (179.50 to 180.50): V

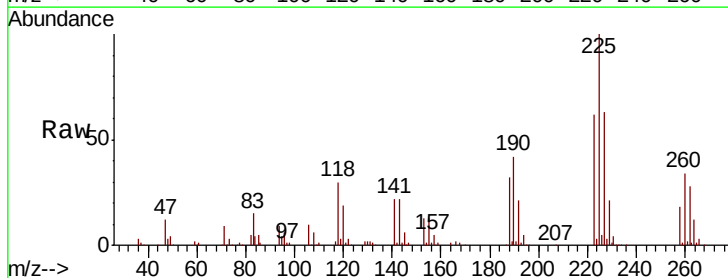
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 50.116 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX005872.D
 Acq: 09 Nov 2018 19:58

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.6	31.7	95.1
227	62.8	32.3	96.9

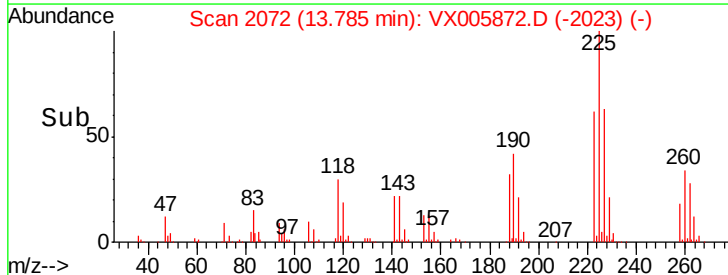
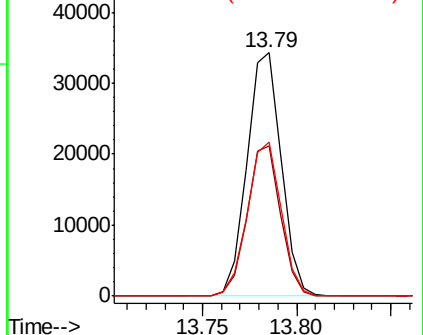


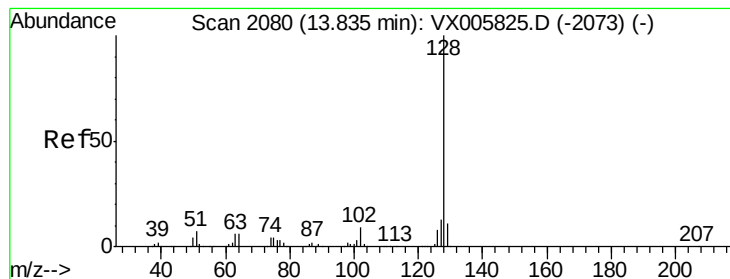
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 51.063 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX005872.D

Acq: 09 Nov 2018 19:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

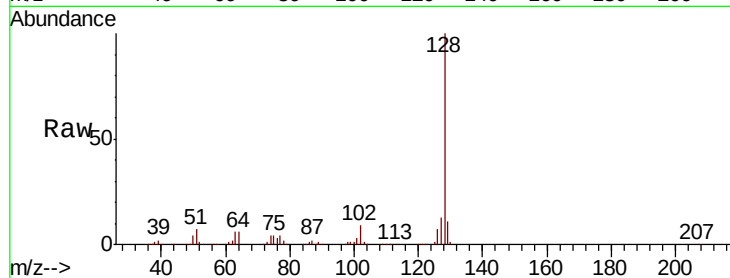
Tot Ion:128 Resp: 273431

Ion Ratio Lower Upper

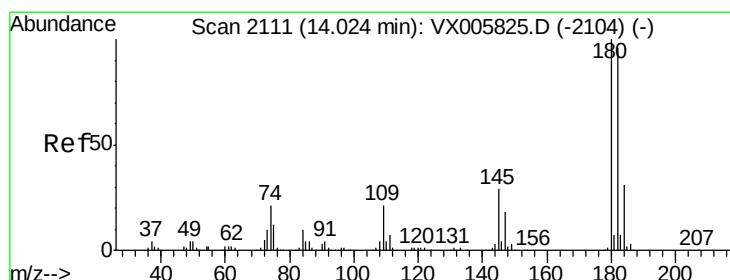
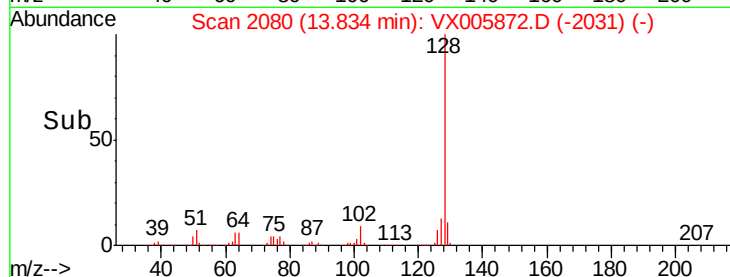
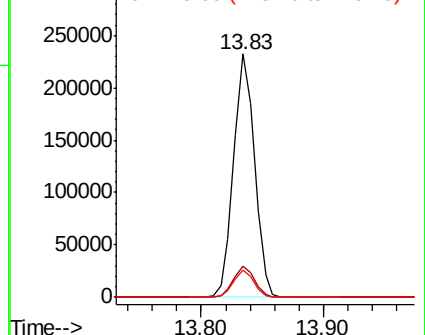
128 100

127 13.0 10.4 15.6

129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 53.781 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. -0.00 min

Lab File: VX005872.D

Acq: 09 Nov 2018 19:58

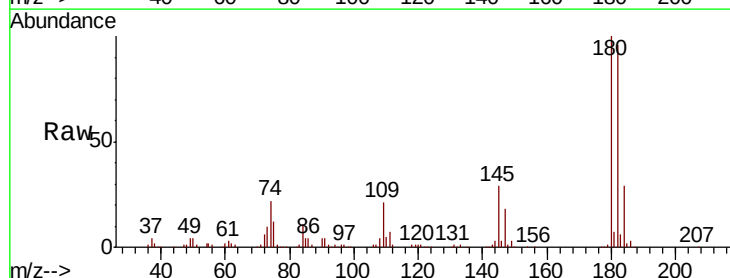
Tgt Ion:180 Resp: 89919

Ion Ratio Lower Upper

180 100

182 94.7 48.0 144.2

145 29.7 15.1 45.3



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

