

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040119\
 Data File : VX008574.D
 Acq On : 01 Apr 2019 17:20
 Operator : JC/SP
 Sample : K2189-08MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 02 01:13:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 26 07:57:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	178571	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	306508	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	275439	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	130381	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	134780	49.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.58%	
35) Dibromofluoromethane	5.49	113	99749	49.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.82%	
50) Toluene-d8	8.71	98	395553	49.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.00%	
62) 4-Bromofluorobenzene	11.13	95	149090	50.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.70%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.20	85	75465	35.852	ug/l	99
3) Chloromethane	1.32	50	113632	42.684	ug/l	100
4) Vinyl Chloride	1.40	62	118793	40.420	ug/l	99
5) Bromomethane	1.64	94	45667	30.343	ug/l	100
6) Chloroethane	1.71	64	88046	50.571	ug/l	100
7) Trichlorofluoromethane	1.92	101	134407	40.380	ug/l	99
8) Diethyl Ether	2.18	74	69834	44.333	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	81498	40.514	ug/l	99
10) Methyl Iodide	2.51	142	55441	30.115	ug/l	99
11) Tert butyl alcohol	3.06	59	177363	295.705	ug/l	98
12) 1,1-Dichloroethene	2.37	96	91572	44.079	ug/l	98
13) Acrolein	2.29	56	94477	216.905	ug/l	99
14) Allyl chloride	2.72	41	218888	47.825	ug/l	98
15) Acrylonitrile	3.14	53	393804	250.388	ug/l	100
16) Acetone	2.45	43	335740	237.285	ug/l	100
17) Carbon Disulfide	2.57	76	260598	43.672	ug/l	99
18) Methyl Acetate	2.77	43	169072	49.753	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	367336	49.067	ug/l	98
20) Methylene Chloride	2.85	84	115323	49.939	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	99076	47.849	ug/l	96
22) Diisopropyl ether	3.85	45	436665	48.453	ug/l	98
23) Vinyl Acetate	3.81	43	1901014	241.781	ug/l	100
24) 1,1-Dichloroethane	3.70	63	214554	47.157	ug/l	99
25) 2-Butanone	4.67	43	580694	255.996	ug/l	99
26) 2,2-Dichloropropane	4.58	77	143904	47.553	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	119871	47.186	ug/l	98
28) Bromochloromethane	5.02	49	104840	46.641	ug/l	100
29) Tetrahydrofuran	5.13	42	378234	252.996	ug/l	99
30) Chloroform	5.21	83	194265	47.312	ug/l	99
31) Cyclohexane	5.57	56	182063	41.957	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	156169	47.583	ug/l	100
36) 1,1-Dichloropropene	5.80	75	145215	44.435	ug/l	100
37) Ethyl Acetate	4.84	43	209540	49.493	ug/l	100
38) Carbon Tetrachloride	5.78	117	127288	46.672	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	156091	39.966	ug/l	99
40) Benzene	6.14	78	455253	46.532	ug/l	98
41) Methacrylonitrile	5.04	41	122298	51.402	ug/l	99
42) 1,2-Dichloroethane	6.19	62	165592	46.227	ug/l	100
43) Isopropyl Acetate	6.45	43	339170	50.085	ug/l	100
44) Trichloroethene	7.21	130	104443	45.465	ug/l	99
45) 1,2-Dichloropropane	7.51	63	132214	47.543	ug/l	99
46) Dibromomethane	7.66	93	76385	47.038	ug/l	99
47) Bromodichloromethane	7.90	83	152781	49.153	ug/l	100
48) Methyl methacrylate	7.77	41	173466	51.195	ug/l	98
49) 1,4-Dioxane	7.74	88	67361	999.836	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1163427	264.514	ug/l	99
52) Toluene	8.78	92	273771	46.799	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	173600	50.991	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	192908	49.829	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	115631	48.557	ug/l	99
56) Ethyl methacrylate	9.18	69	218540	50.841	ug/l	99
57) 1,3-Dichloropropane	9.37	76	204503	47.898	ug/l	100
59) 2-Hexanone	9.49	43	887343	260.363	ug/l	100
60) Dibromochloromethane	9.58	129	113690	50.201	ug/l	98
61) 1,2-Dibromoethane	9.67	107	118744	48.862	ug/l	100
64) Tetrachloroethene	9.34	164	84954	45.559	ug/l	98
65) Chlorobenzene	10.14	112	283215	47.282	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	102242	49.474	ug/l	98
67) Ethyl Benzene	10.25	91	531075	46.978	ug/l	99
68) m/p-Xylenes	10.36	106	381800	92.836	ug/l	99
69) o-Xylene	10.69	106	188509	47.233	ug/l	99
70) Styrene	10.71	104	331103	48.028	ug/l	100
71) Bromoform	10.85	173	84061	51.506	ug/l #	99
73) Isopropylbenzene	11.02	105	498314	46.979	ug/l	100
74) N-amyl acetate	10.90	43	302567	49.282	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	196134	47.657	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	223638	57.696	ug/l	82
77) Bromobenzene	11.26	156	122483	47.578	ug/l	98
78) n-propylbenzene	11.36	91	576594	46.404	ug/l	99
79) 2-Chlorotoluene	11.42	91	350765	46.412	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	418614	46.681	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	63916	52.814	ug/l	99
82) 4-Chlorotoluene	11.51	91	401952	46.107	ug/l	99
83) tert-Butylbenzene	11.77	119	406309	46.962	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	422853	46.620	ug/l	99
85) sec-Butylbenzene	11.94	105	478908	46.482	ug/l	99
86) p-Isopropyltoluene	12.06	119	430700	47.375	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	213122	46.335	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	212561	45.790	ug/l	100
89) n-Butylbenzene	12.38	91	399899	46.434	ug/l	100
90) Hexachloroethane	12.60	117	73237	48.354	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	215368	46.757	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	43838	48.852	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	145760	47.002	ug/l	99

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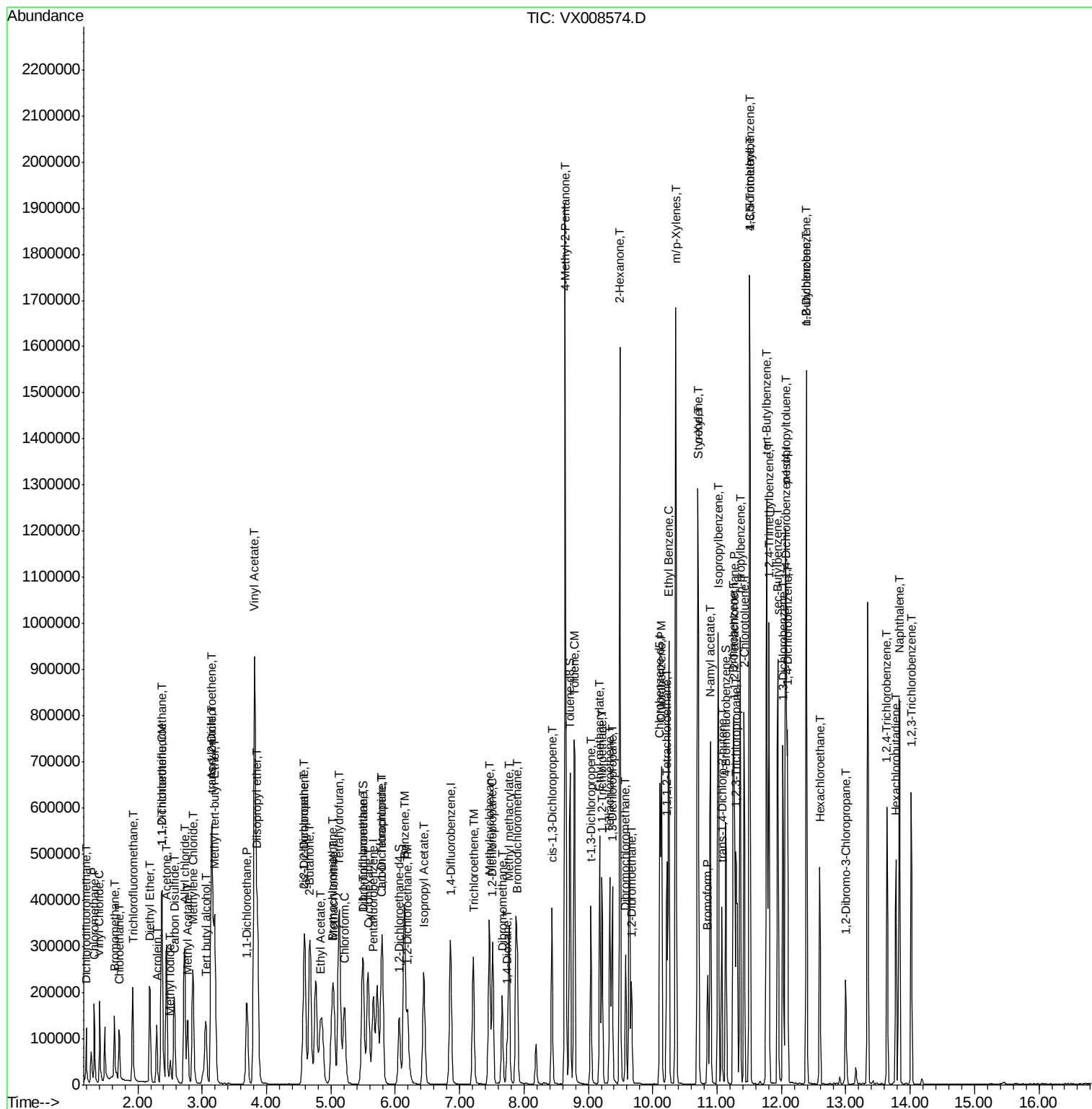
Instrument :
MSVOA_X
ClientSampleId :

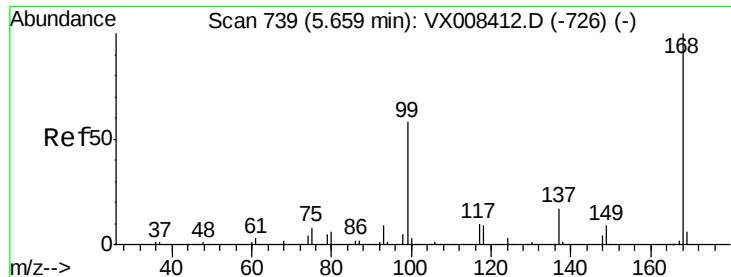
Quant Time: Apr 02 01:13:28 2019
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	68373	46.433	ug/l	100
95) Naphthalene	13.83	128	510107	47.978	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	147797	47.429	ug/l	100

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX008574.D

Acq: 01 Apr 2019 17:20

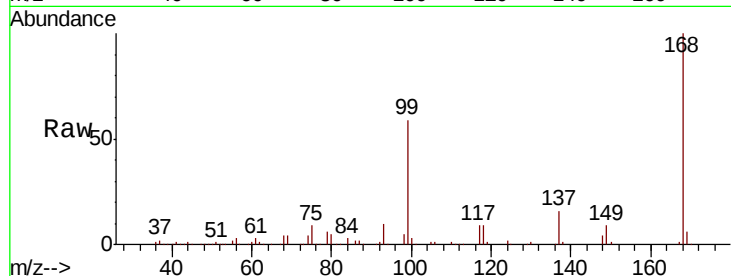
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 178571

Ion Ratio Lower Upper

168 100

99 58.6 46.0 69.0



Abundance Ion 167.90 (167.60 to 168.60): VX008412.D (-726) (-)

Ion 98.90 (98.60 to 99.60): VX008412.D (-726) (-)

5.66

60000

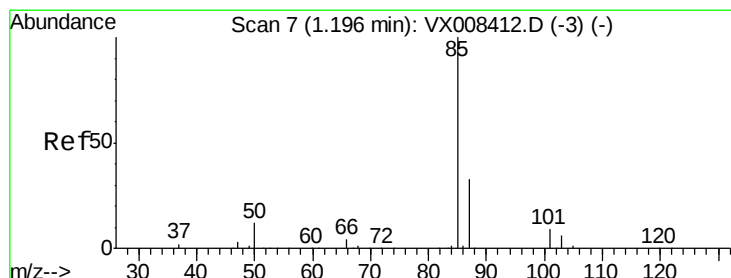
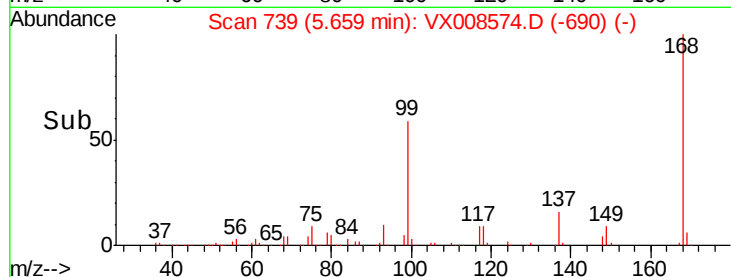
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 35.852 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX008574.D

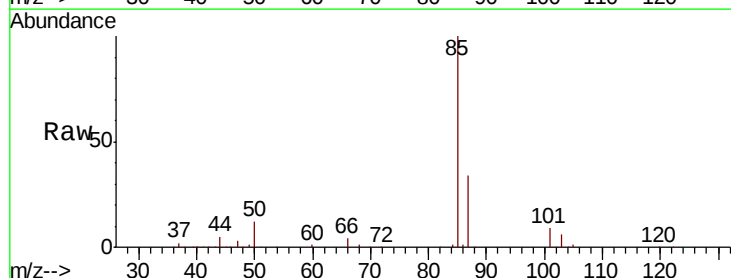
Acq: 01 Apr 2019 17:20

Tgt Ion: 85 Resp: 75465

Ion Ratio Lower Upper

85 100

87 33.5 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX008412.D (-3) (-)

Ion 86.90 (86.60 to 87.60): VX008412.D (-3) (-)

1.20

80000

60000

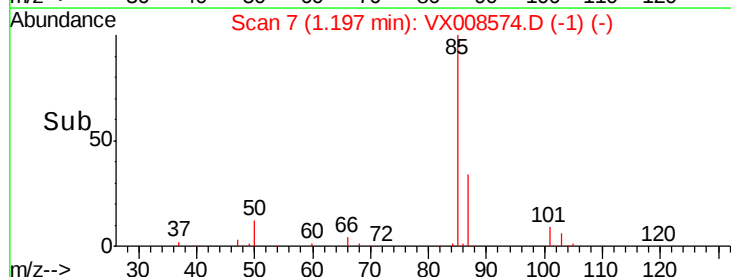
40000

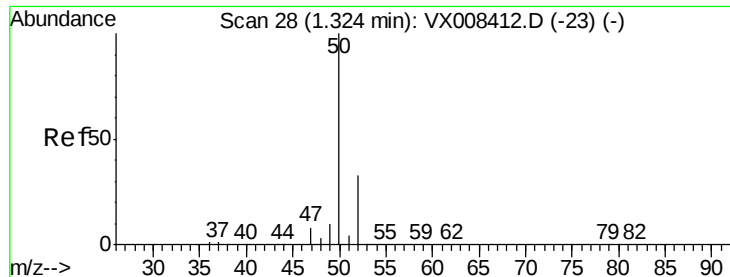
20000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 42.684 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008574.D

Acq: 01 Apr 2019 17:20

Instrument :

MSVOA_X

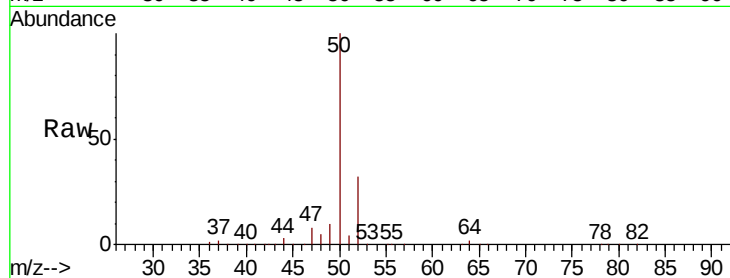
ClientSampled :

Tot Ion: 50 Resp: 113632

Ion Ratio Lower Upper

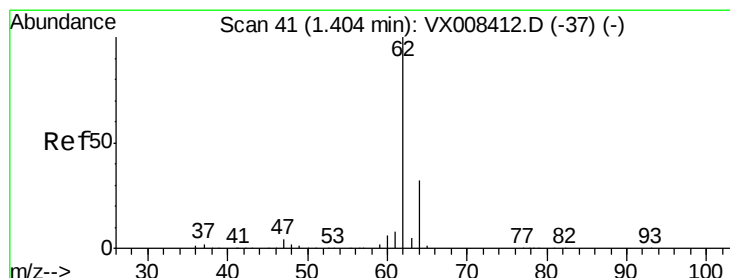
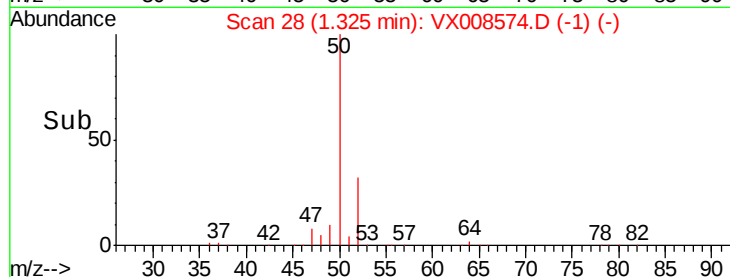
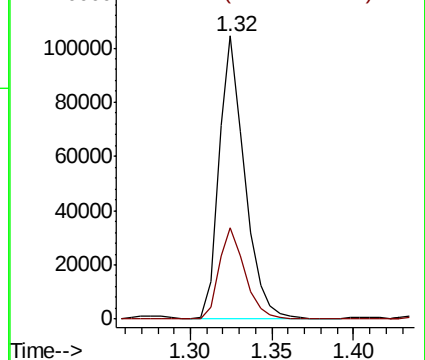
50 100

52 32.5 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 40.420 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX008574.D

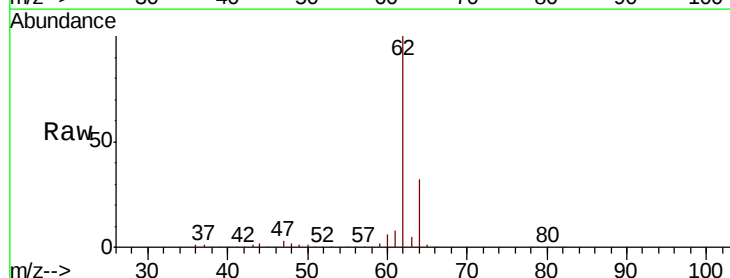
Acq: 01 Apr 2019 17:20

Tgt Ion: 62 Resp: 118793

Ion Ratio Lower Upper

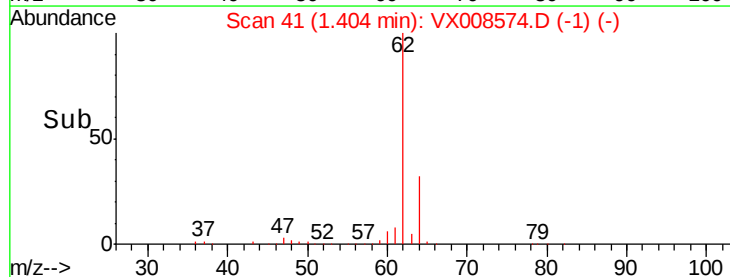
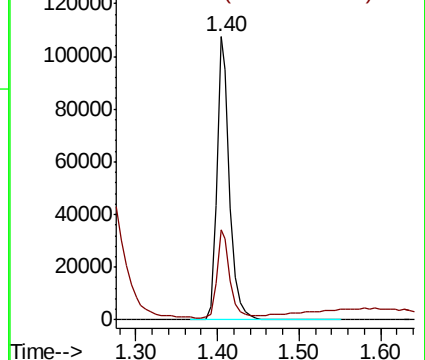
62 100

64 31.1 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 30.343 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008574.D

Acq: 01 Apr 2019 17:20

Instrument :

MSVOA_X

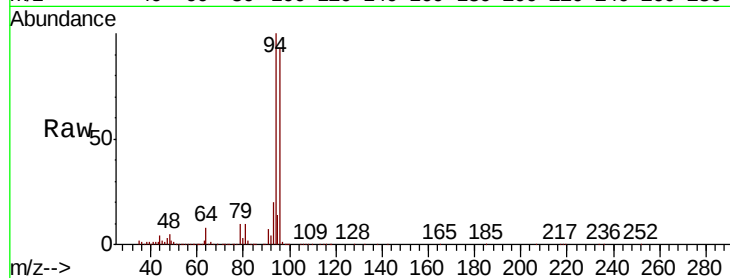
ClientSampled :

Tot Ion: 94 Resp: 45667

Ion Ratio Lower Upper

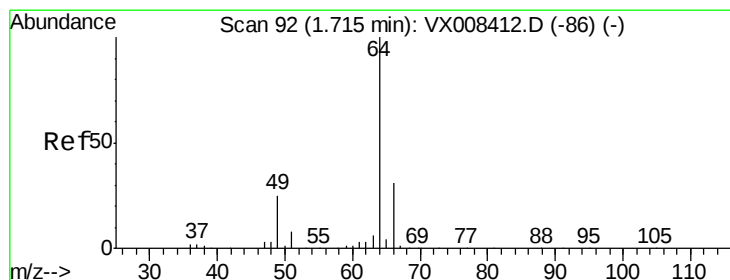
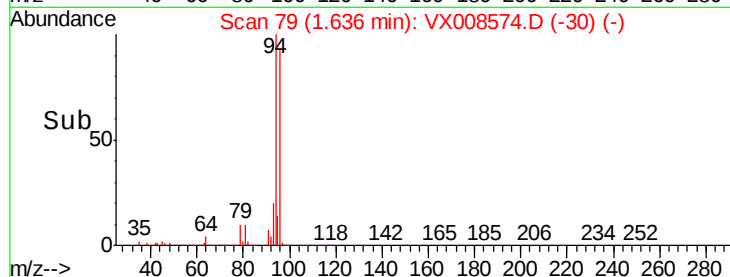
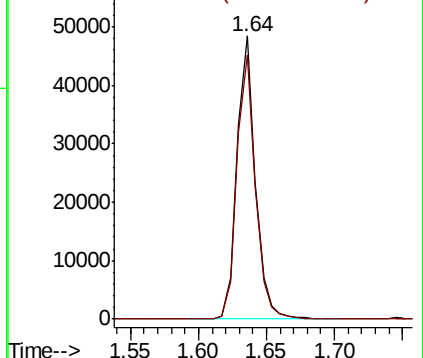
94 100

96 93.2 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 50.571 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX008574.D

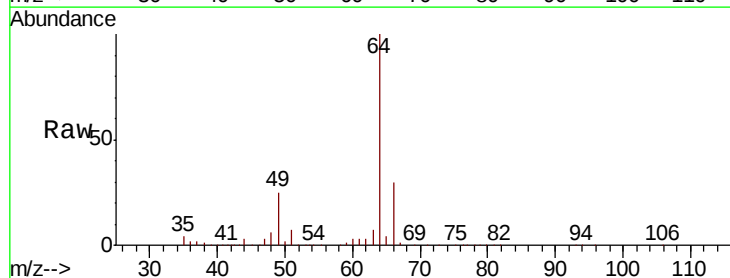
Acq: 01 Apr 2019 17:20

Tgt Ion: 64 Resp: 88046

Ion Ratio Lower Upper

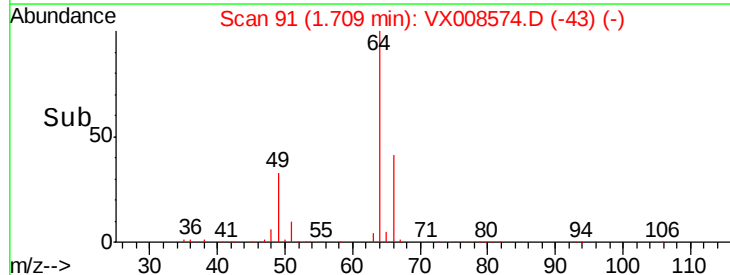
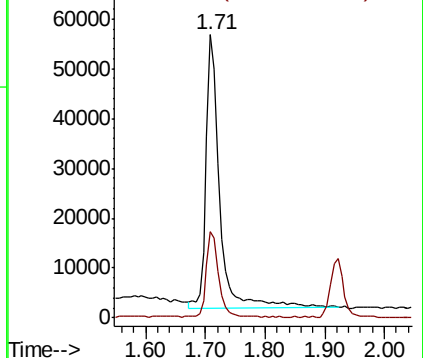
64 100

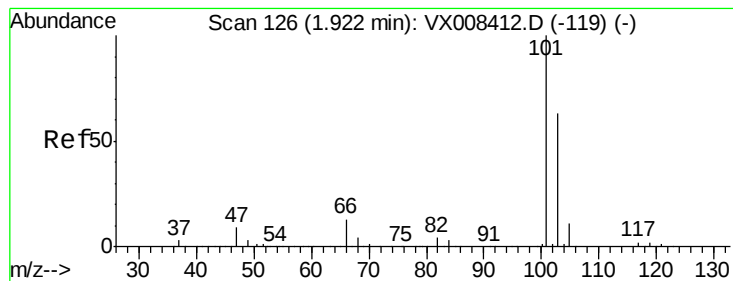
66 31.1 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



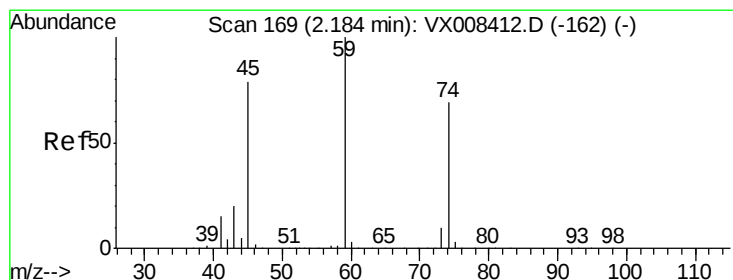
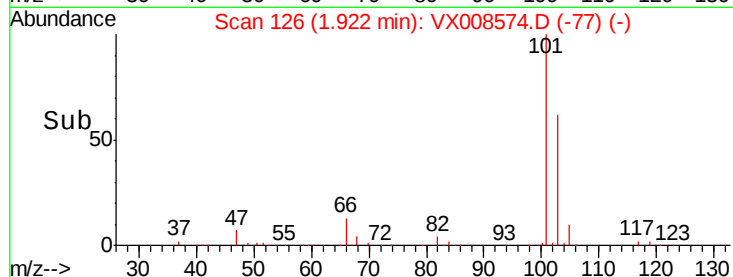
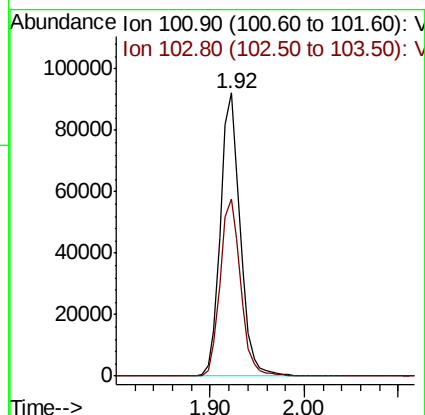
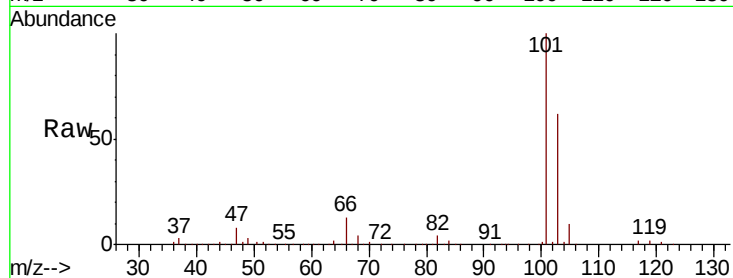


#7

Trichlorofluoromethane
 Concen: 40.380 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. 0.00 min
 Lab File: VX008574.D
 Acq: 01 Apr 2019 17:20

Instrument :
 MSVOA_X
 ClientSampled :

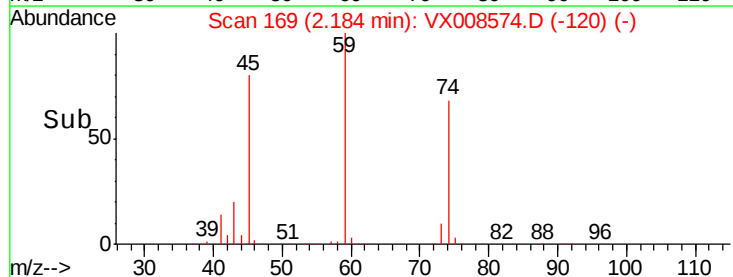
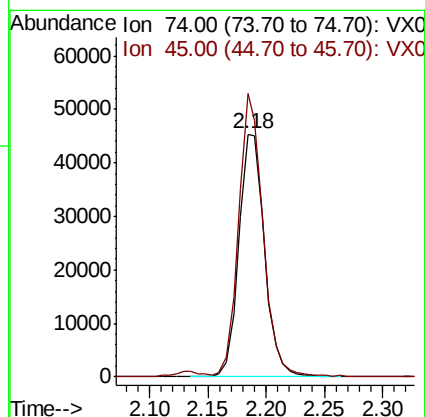
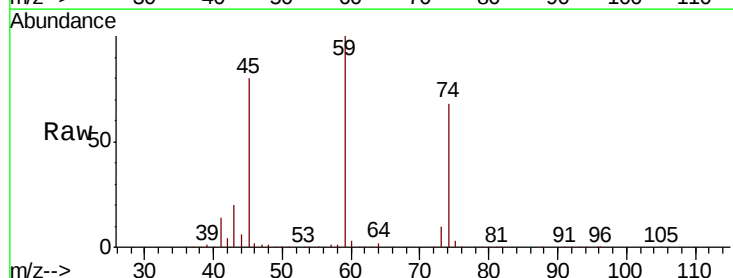
Tot Ion:101 Resp: 134407
 Ion Ratio Lower Upper
 101 100
 103 62.4 50.2 75.4

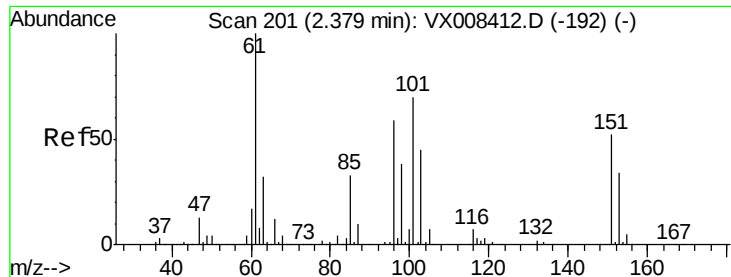


#8

Diethyl Ether
 Concen: 44.333 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. 0.00 min
 Lab File: VX008574.D
 Acq: 01 Apr 2019 17:20

Tgt Ion: 74 Resp: 69834
 Ion Ratio Lower Upper
 74 100
 45 109.8 56.4 169.2

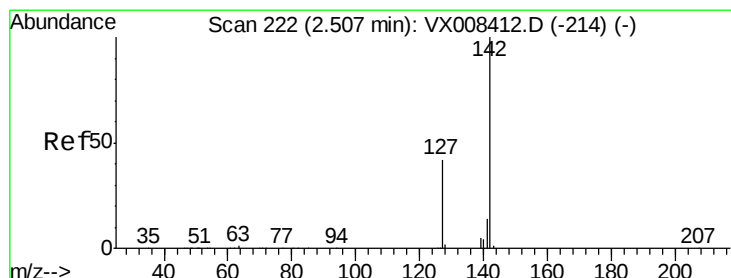
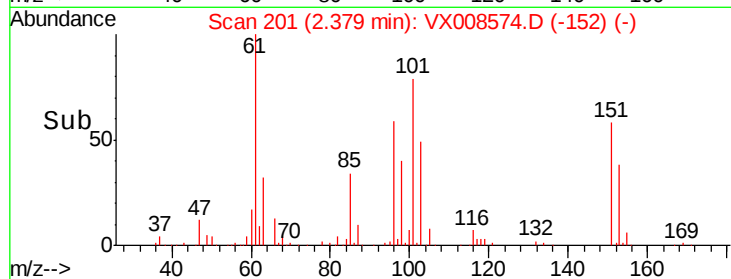
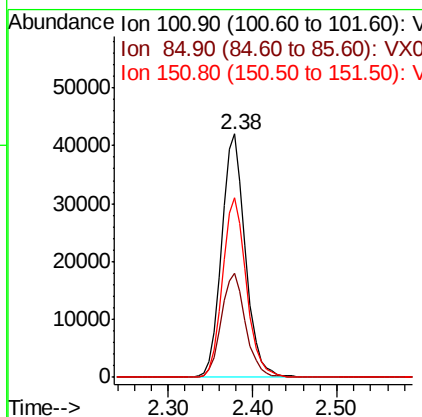
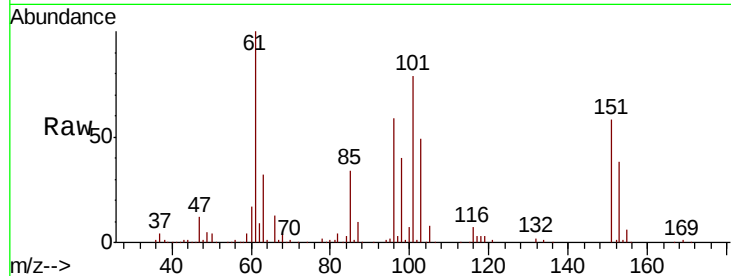




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 40.514 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. 0.00 min
 Lab File: VX008574.D
 Acq: 01 Apr 2019 17:20

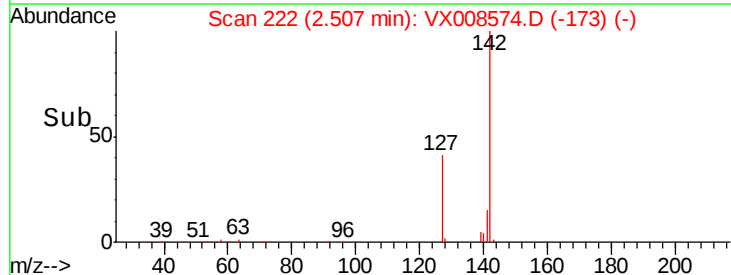
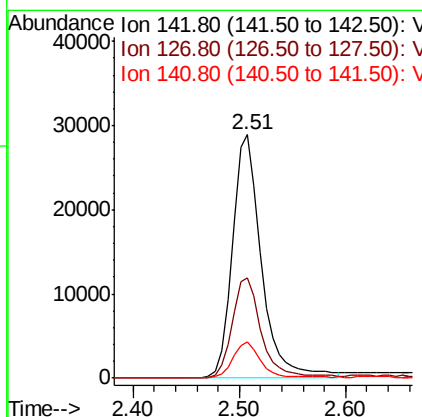
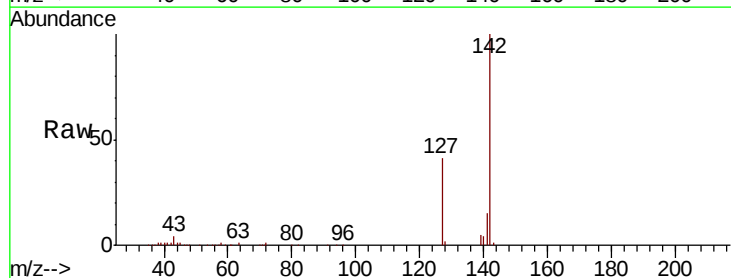
Instrument :
 MSVOA_X
 ClientSampled :

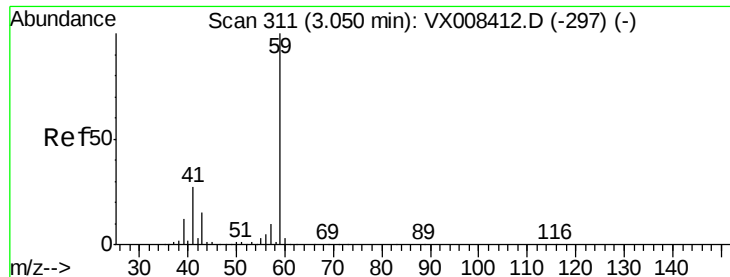
Tot Ion:101 Resp: 81498
 Ion Ratio Lower Upper
 101 100
 85 43.8 36.0 54.0
 151 74.1 59.2 88.8



#10
 Methyl Iodide
 Concen: 30.115 ug/l
 RT: 2.51 min Scan# 222
 Delta R.T. 0.00 min
 Lab File: VX008574.D
 Acq: 01 Apr 2019 17:20

Tgt Ion:142 Resp: 55441
 Ion Ratio Lower Upper
 142 100
 127 41.5 33.6 50.4
 141 13.9 11.3 16.9

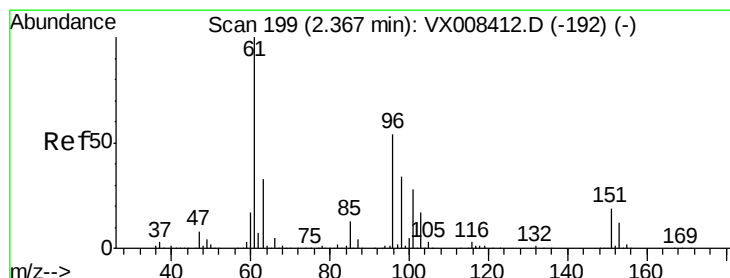
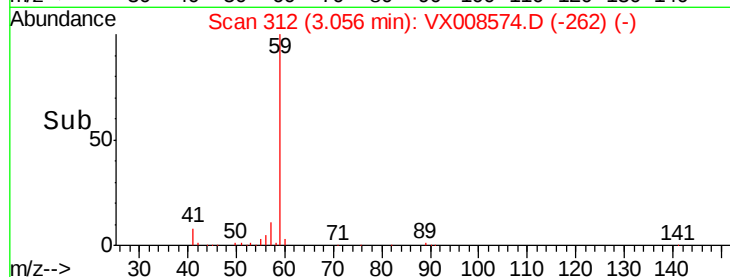
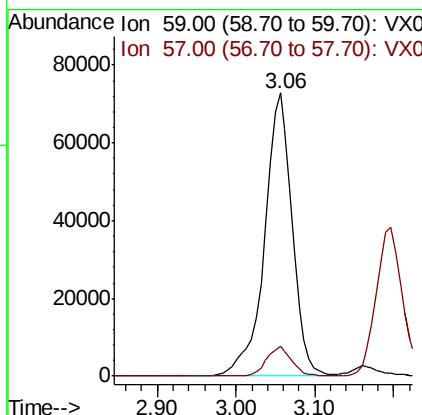
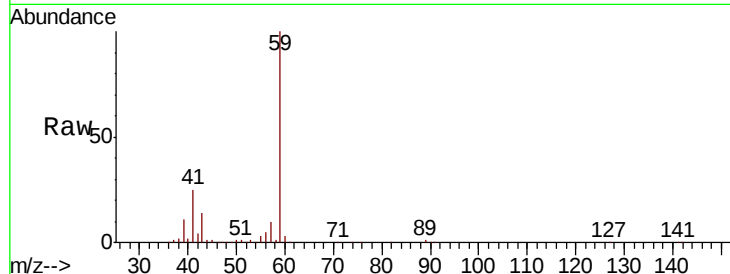




#11
Tert butyl alcohol
Concen: 295.705 ug/l
RT: 3.06 min Scan# 312
Delta R.T. 0.01 min
Lab File: VX008574.D
Acq: 01 Apr 2019 17:20

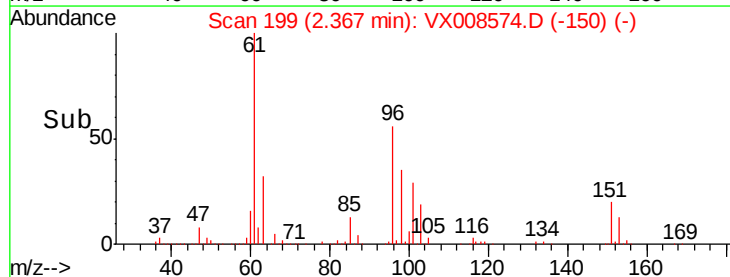
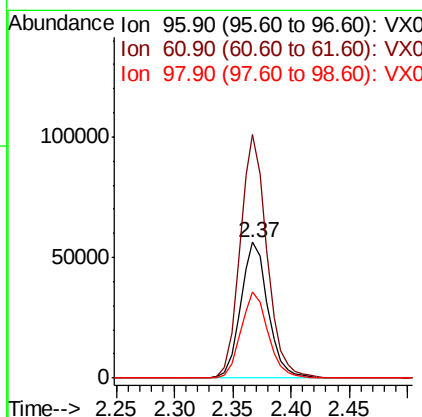
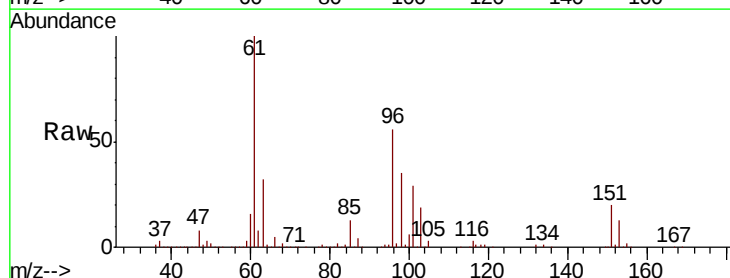
Instrument :
MSVOA_X
ClientSampleId :

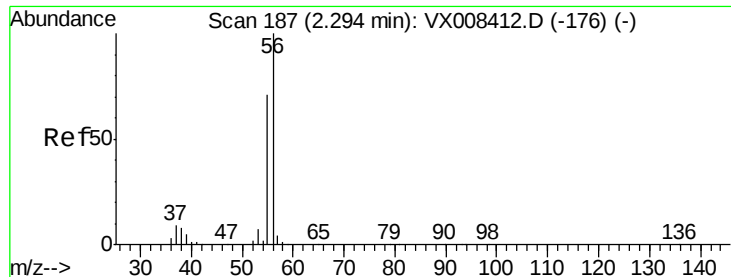
Tot Ion: 59 Resp: 177363
Ion Ratio Lower Upper
59 100
57 9.7 8.2 12.4



#12
1,1-Dichloroethene
Concen: 44.079 ug/l
RT: 2.37 min Scan# 199
Delta R.T. 0.00 min
Lab File: VX008574.D
Acq: 01 Apr 2019 17:20

Tgt Ion: 96 Resp: 91572
Ion Ratio Lower Upper
96 100
61 179.3 146.9 220.3
98 63.3 50.1 75.1





#13

Acrolein

Concen: 216.905 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX008574.D

Acq: 01 Apr 2019 17:20

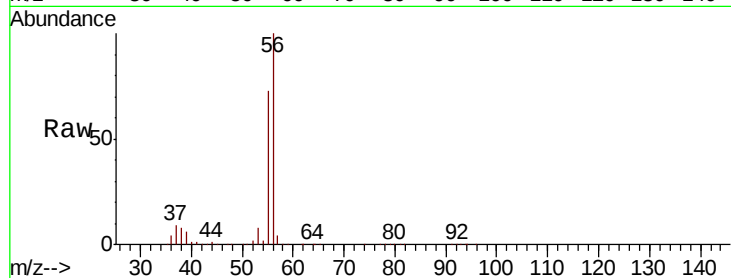
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 94477

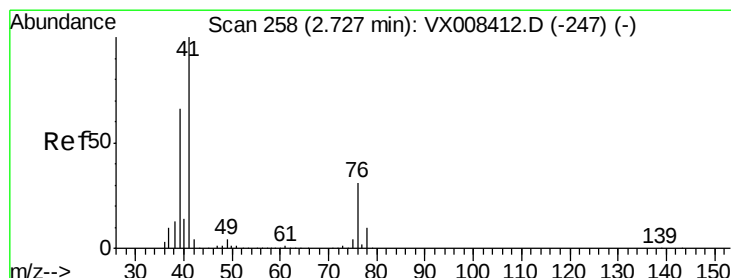
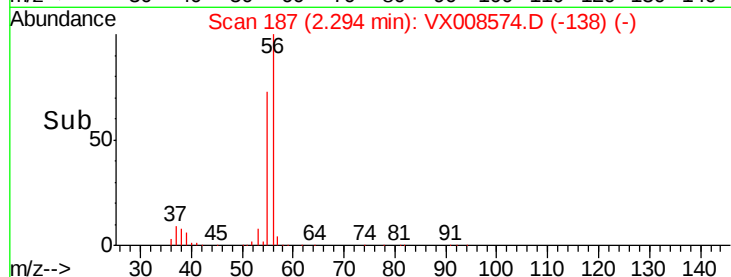
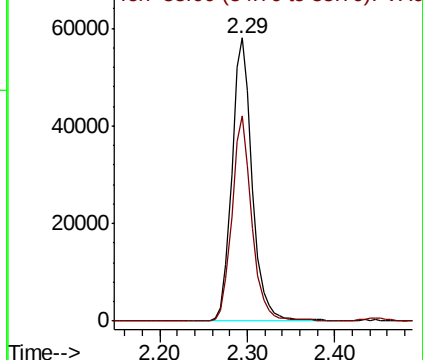
Ion Ratio Lower Upper

56 100

55 71.1 56.5 84.7



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 47.825 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.01 min

Lab File: VX008574.D

Acq: 01 Apr 2019 17:20

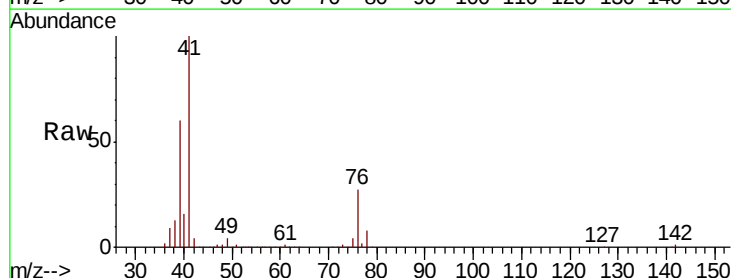
Tgt Ion: 41 Resp: 218888

Ion Ratio Lower Upper

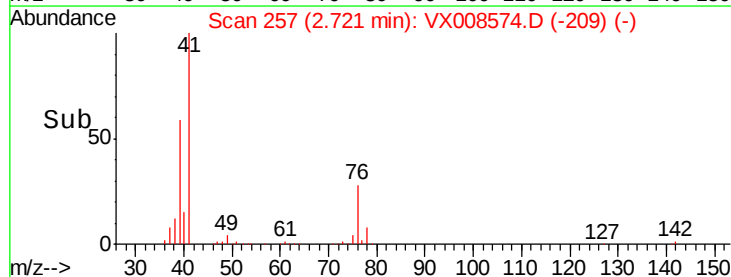
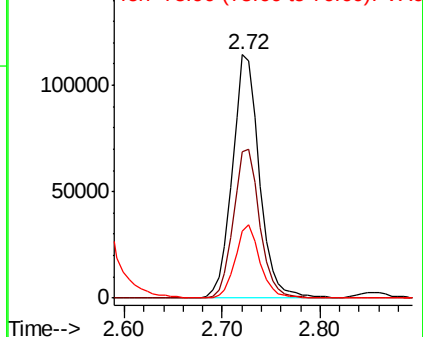
41 100

39 60.0 49.6 74.4

76 27.3 22.6 34.0



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 250.388 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX008574.D

Acq: 01 Apr 2019 17:20

Instrument :

MSVOA_X

ClientSampleId :

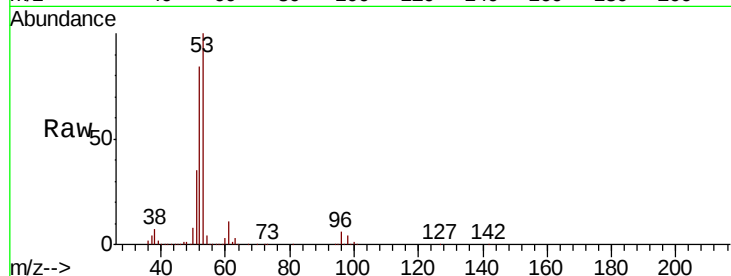
Tot Ion: 53 Resp: 393804

Ion Ratio Lower Upper

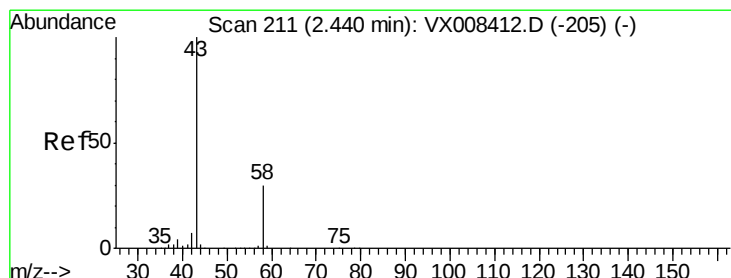
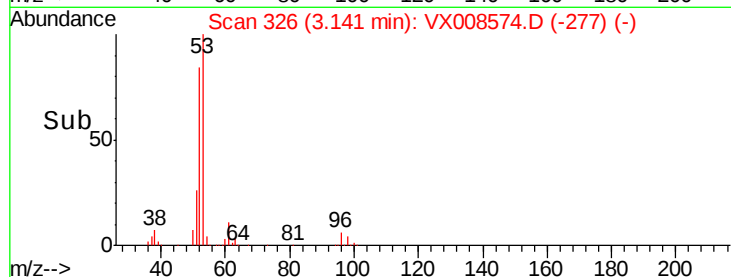
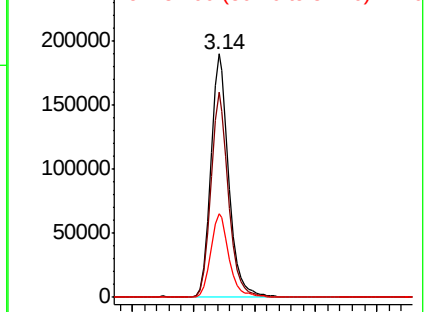
53 100

52 82.9 66.5 99.7

51 35.1 28.3 42.5



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: 237.285 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.01 min

Lab File: VX008574.D

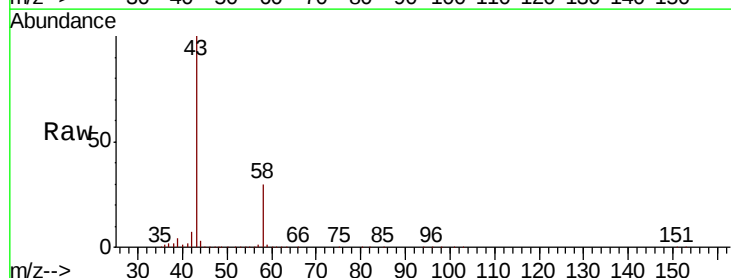
Acq: 01 Apr 2019 17:20

Tgt Ion: 43 Resp: 335740

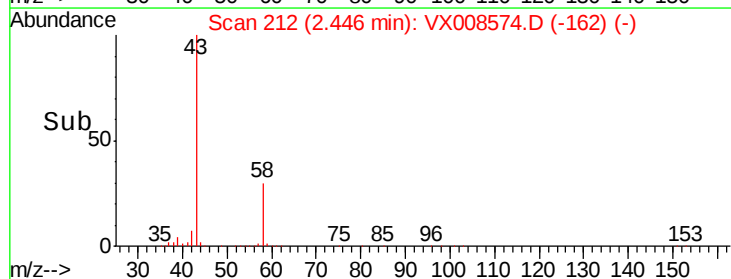
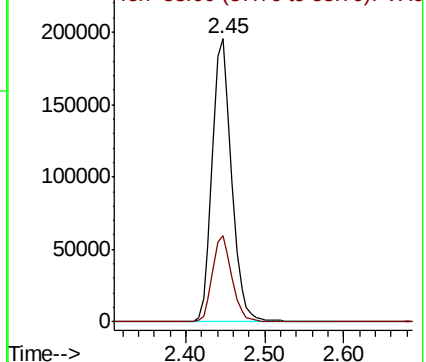
Ion Ratio Lower Upper

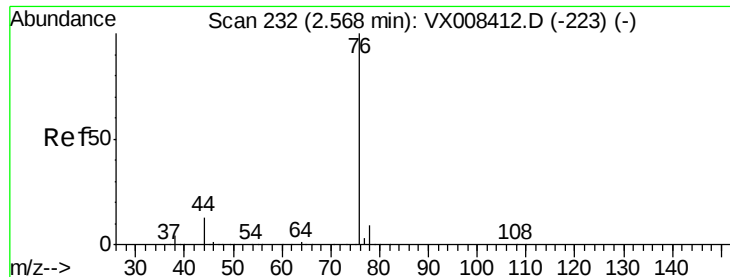
43 100

58 30.4 24.2 36.2



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

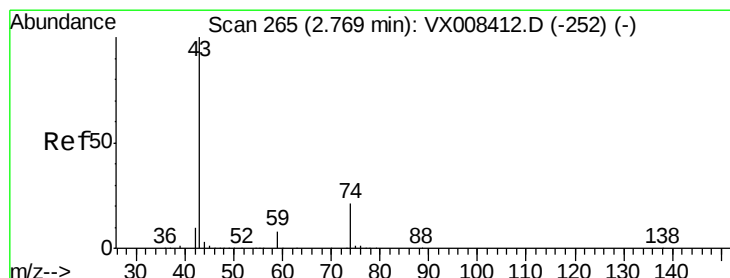
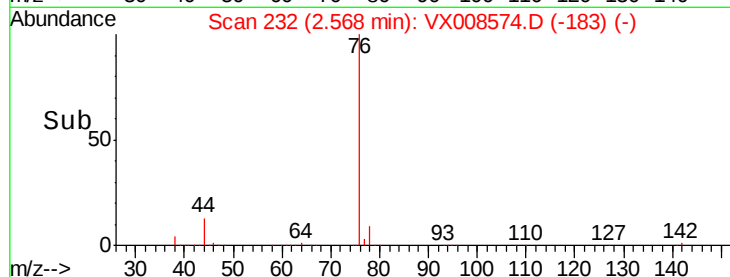
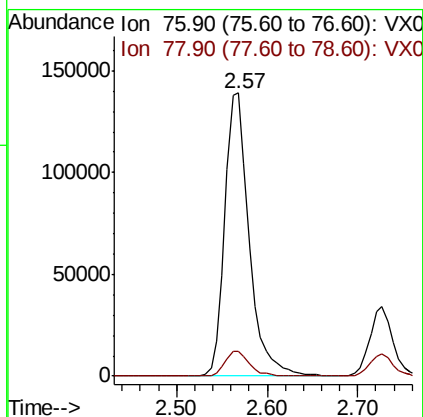
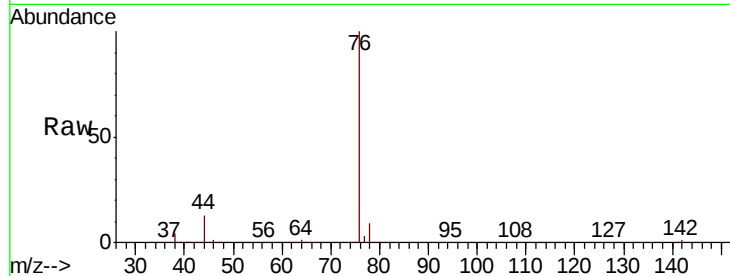




#17
Carbon Disulfide
Concen: 43.672 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX008574.D
Acq: 01 Apr 2019 17:20

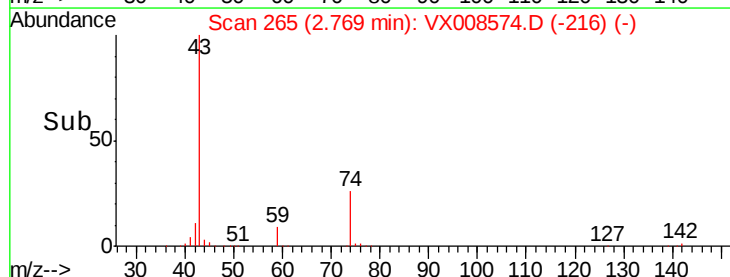
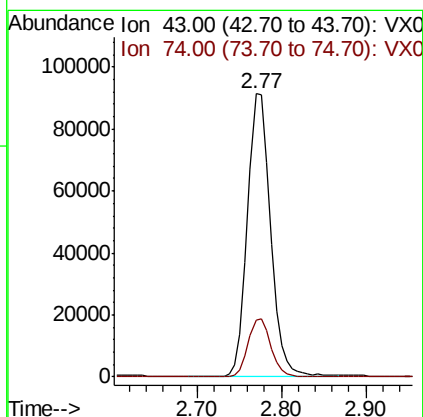
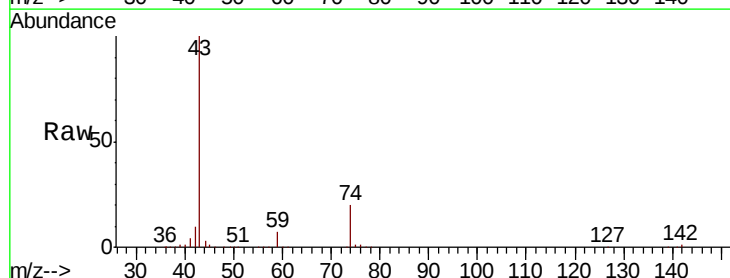
Instrument :
MSVOA_X
ClientSampleId :

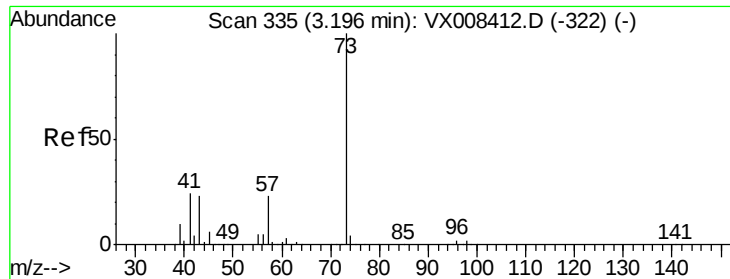
Tot Ion: 76 Resp: 260598
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.2



#18
Methyl Acetate
Concen: 49.753 ug/l
RT: 2.77 min Scan# 265
Delta R.T. 0.00 min
Lab File: VX008574.D
Acq: 01 Apr 2019 17:20

Tgt Ion: 43 Resp: 169072
Ion Ratio Lower Upper
43 100
74 20.8 16.7 25.1

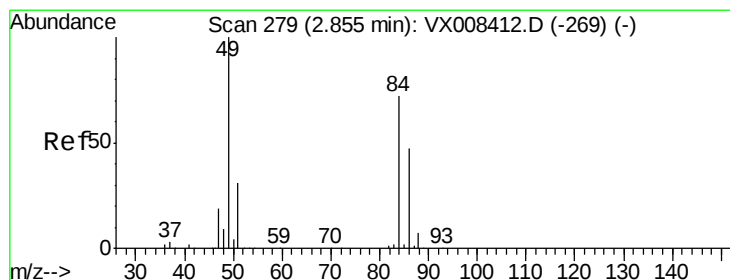
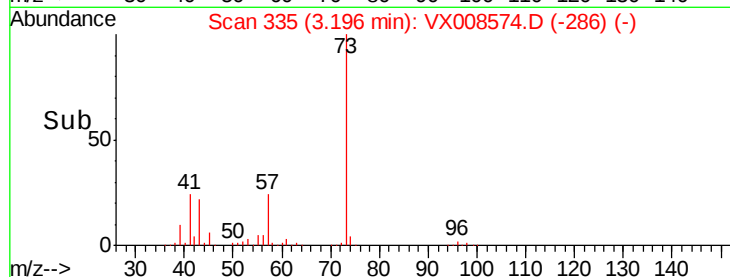
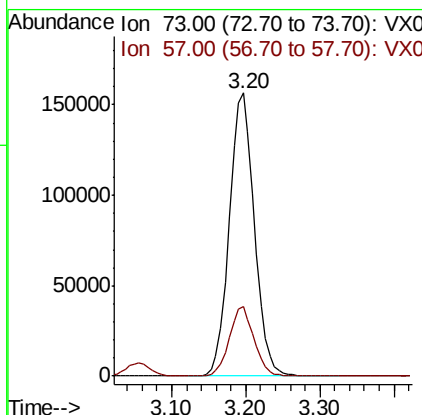
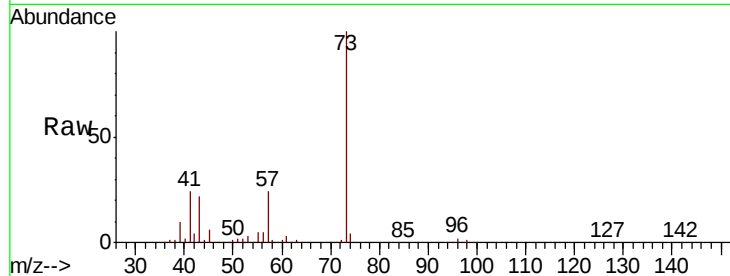




#19
Methvl tert-butvl Ether
Concen: 49.067 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX008574.D
Acq: 01 Apr 2019 17:20

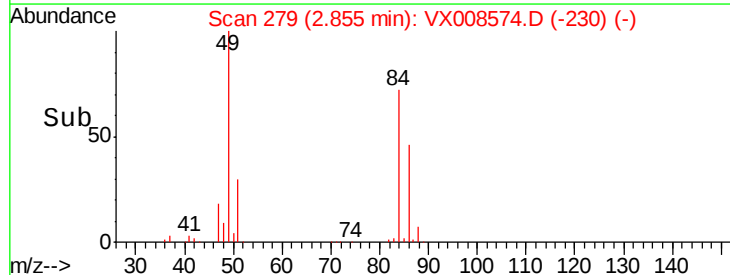
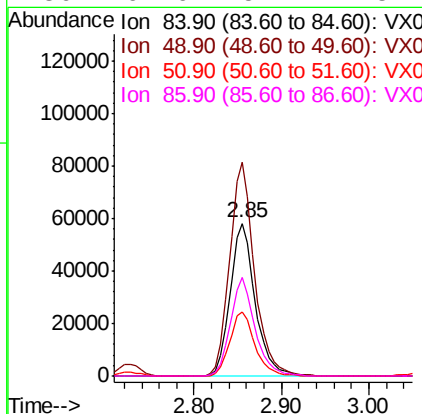
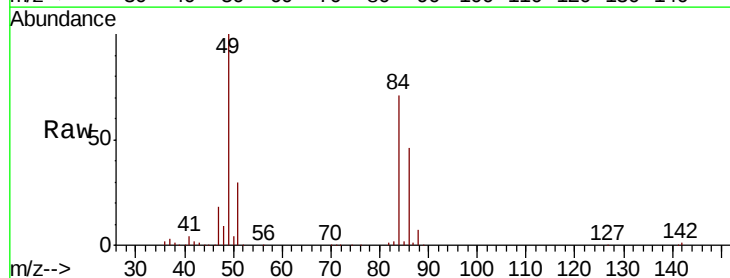
Instrument :
MSVOA_X
ClientSampleId :

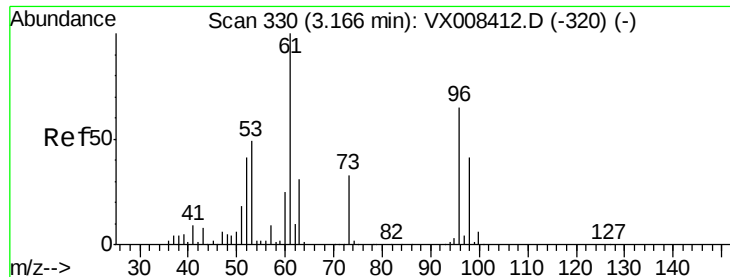
Tot Ion: 73 Resp: 367336
Ion Ratio Lower Upper
73 100
57 24.4 18.6 28.0



#20
Methylene Chloride
Concen: 49.939 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX008574.D
Acq: 01 Apr 2019 17:20

Tgt Ion: 84 Resp: 115323
Ion Ratio Lower Upper
84 100
49 139.9 110.6 165.8
51 41.6 33.9 50.9
86 64.6 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 47.849 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX008574.D

Acq: 01 Apr 2019 17:20

Instrument :

MSVOA_X

ClientSampled :

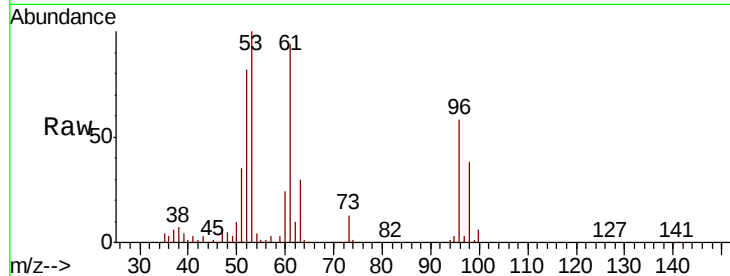
Tot Ion: 96 Resp: 99076

Ion Ratio Lower Upper

96 100

61 160.5 122.6 184.0

98 65.0 50.9 76.3



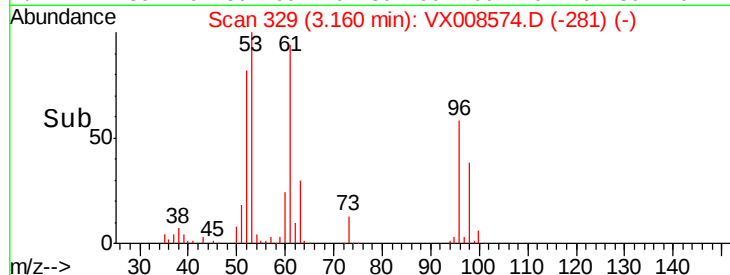
Abundance

Ion 95.90 (95.60 to 96.60): VX0

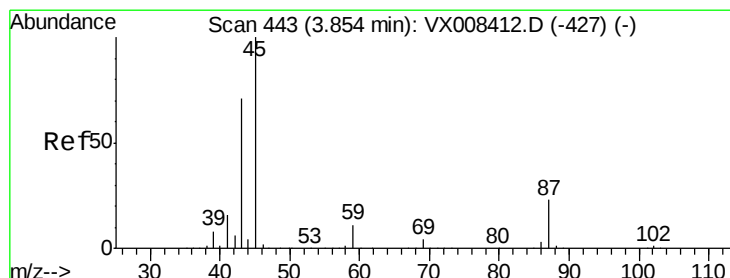
Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Time-->



Time-->



#22

Diisopropyl ether

Concen: 48.453 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX008574.D

Acq: 01 Apr 2019 17:20

Tgt Ion: 45 Resp: 436665

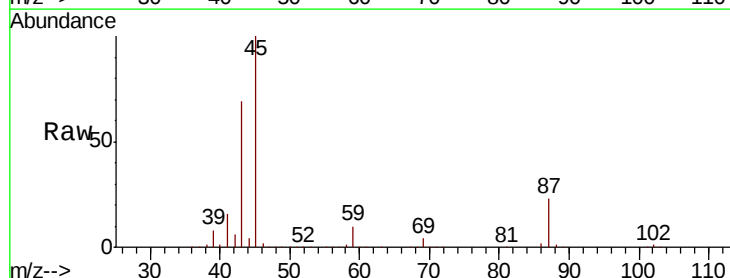
Ion Ratio Lower Upper

45 100

43 69.3 57.1 85.7

87 22.6 18.8 28.2

59 10.3 8.7 13.1



Abundance

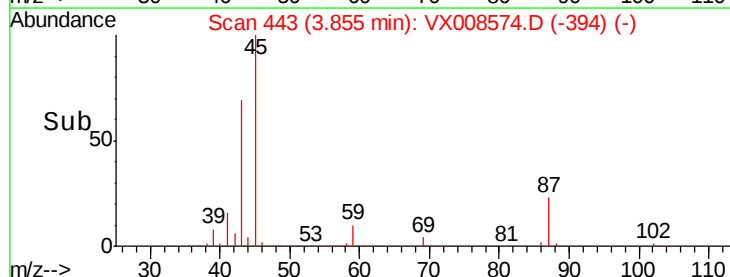
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

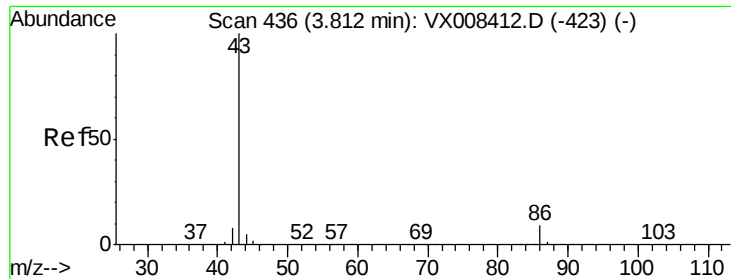
Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0

Time-->



Time-->



#23

Vinyl Acetate

Concen: 241.781 ug/l

RT: 3.81 min Scan# 436

Delta R.T. 0.00 min

Lab File: VX008574.D

Acq: 01 Apr 2019 17:20

Instrument :

MSVOA_X

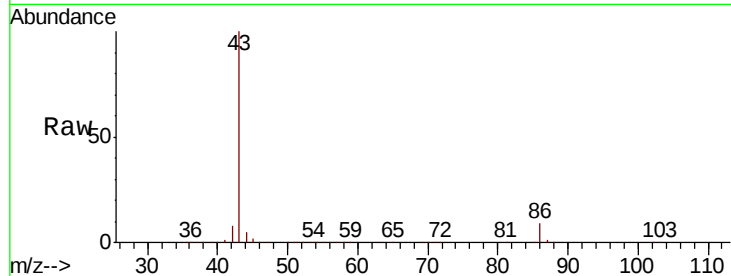
ClientSampleId :

Tot Ion: 43 Resp: 1901014

Ion Ratio Lower Upper

43 100

86 8.6 6.9 10.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.81

800000

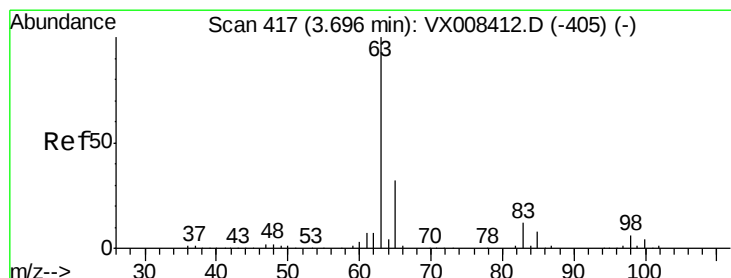
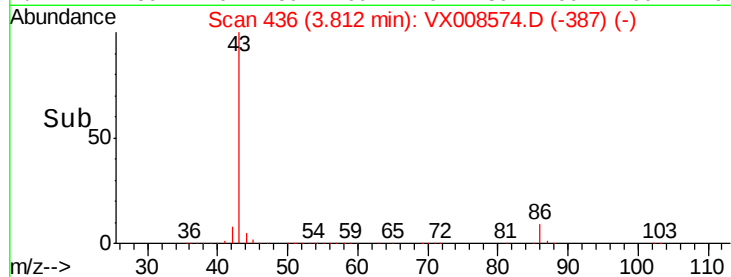
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 47.157 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX008574.D

Acq: 01 Apr 2019 17:20

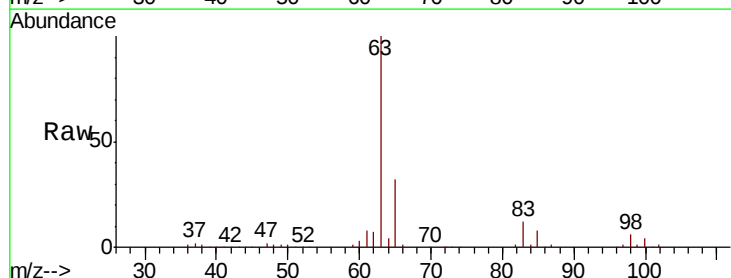
Tgt Ion: 63 Resp: 214554

Ion Ratio Lower Upper

63 100

98 6.1 3.2 9.6

100 4.0 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

120000

100000

80000

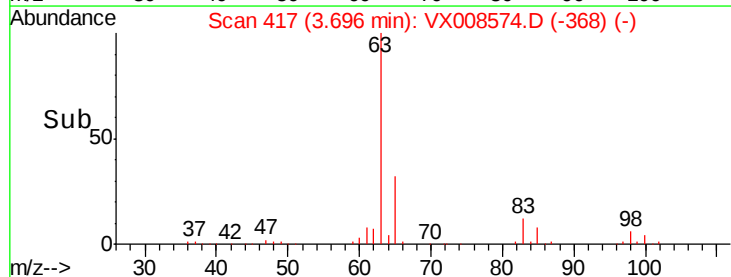
60000

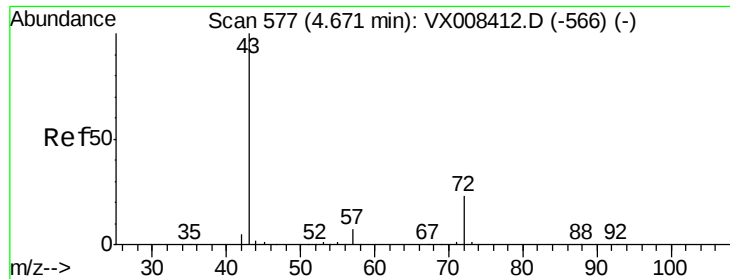
40000

20000

0

Time-->





#25

2-Butanone

Concen: 255.996 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX008574.D

Acq: 01 Apr 2019 17:20

Instrument :

MSVOA_X

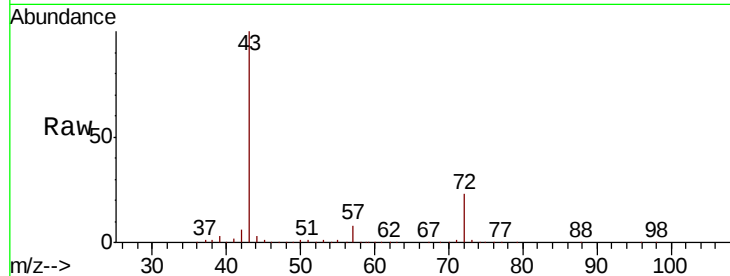
ClientSampleId :

Tot Ion: 43 Resp: 580694

Ion Ratio Lower Upper

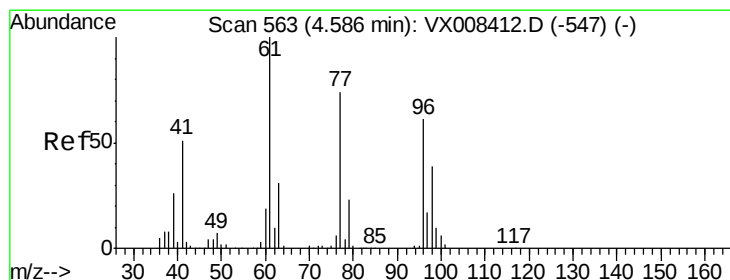
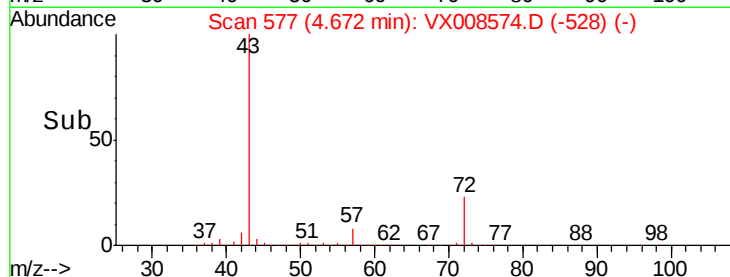
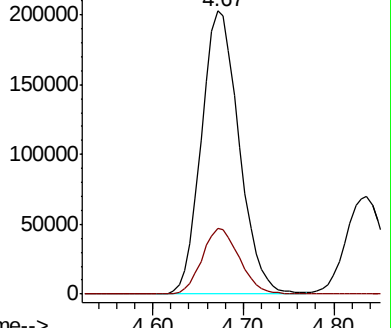
43 100

72 23.0 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 47.553 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX008574.D

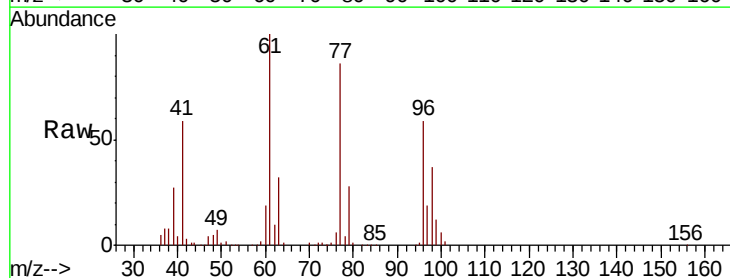
Acq: 01 Apr 2019 17:20

Tgt Ion: 77 Resp: 143904

Ion Ratio Lower Upper

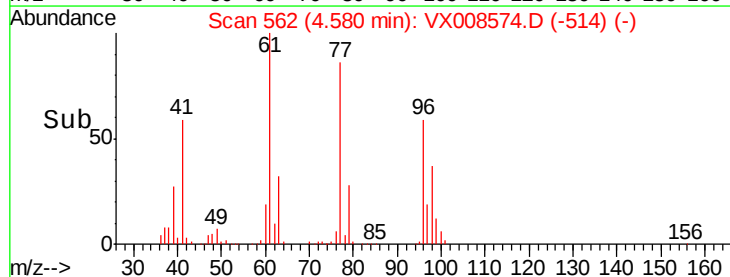
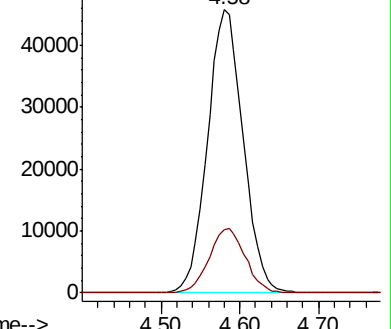
77 100

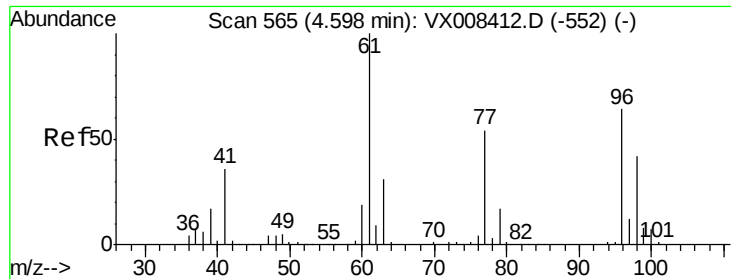
97 23.0 11.2 33.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



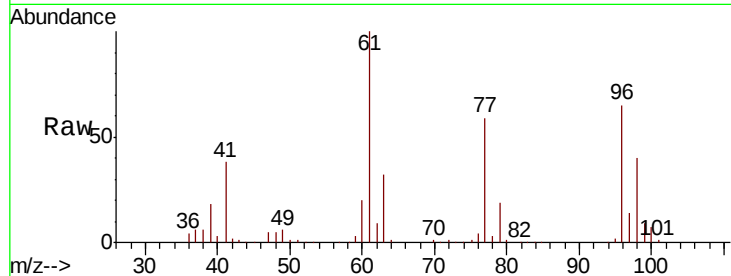


#27

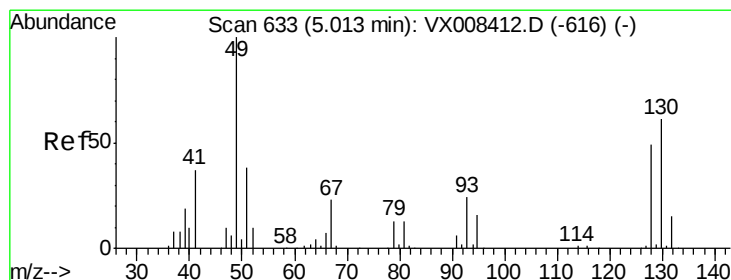
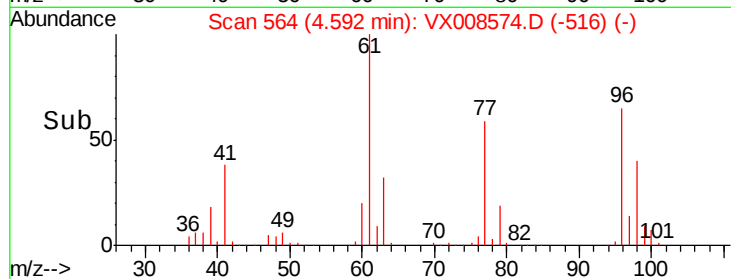
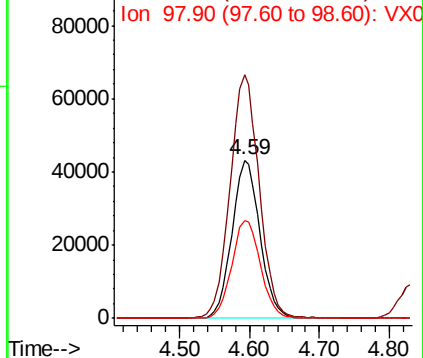
cis-1,2-Dichloroethene
Concen: 47.186 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX008574.D
Acq: 01 Apr 2019 17:20

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 96 Resp: 119871
Ion Ratio Lower Upper
96 100
61 160.7 0.0 325.6
98 63.9 0.0 130.0



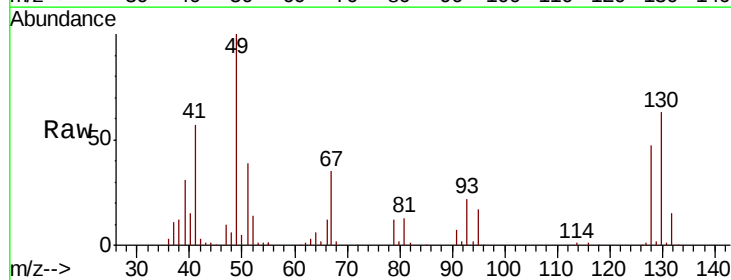
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



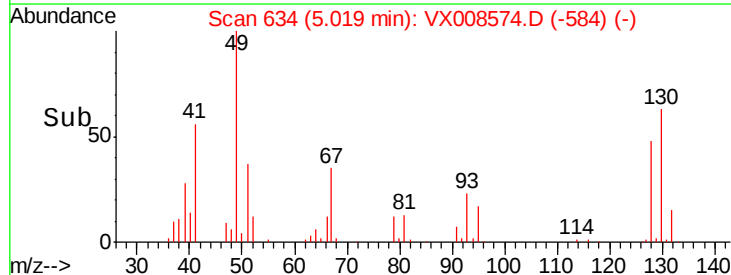
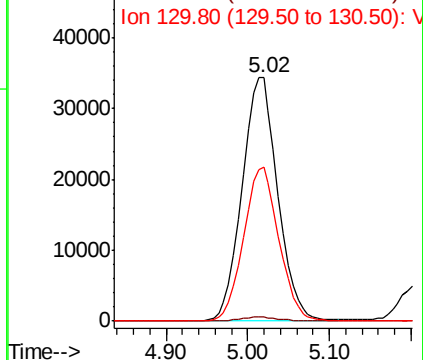
#28

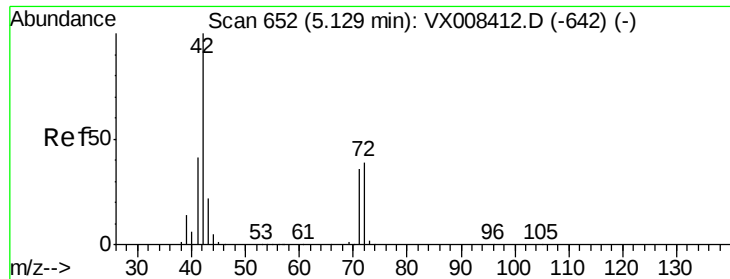
Bromochloromethane
Concen: 46.641 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.01 min
Lab File: VX008574.D
Acq: 01 Apr 2019 17:20

Tgt Ion: 49 Resp: 104840
Ion Ratio Lower Upper
49 100
129 1.7 0.0 3.4
130 62.3 49.8 74.6



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

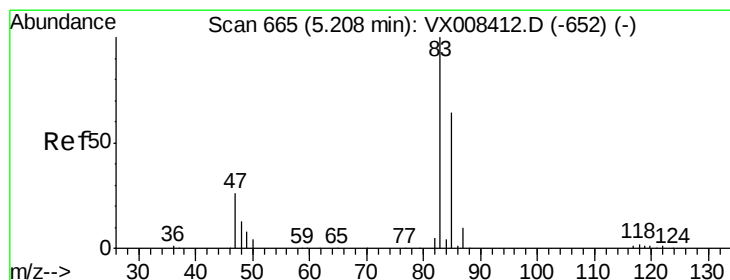
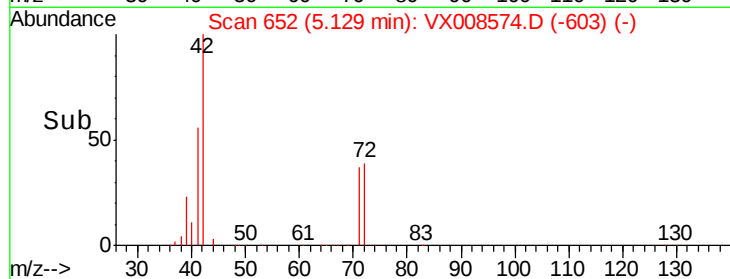
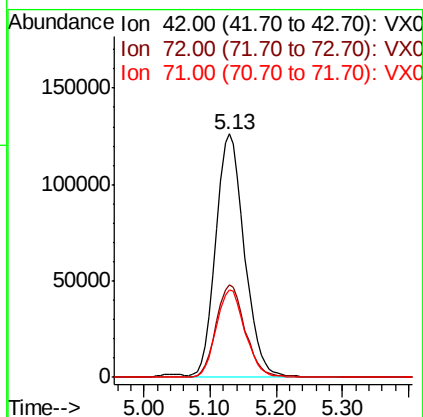
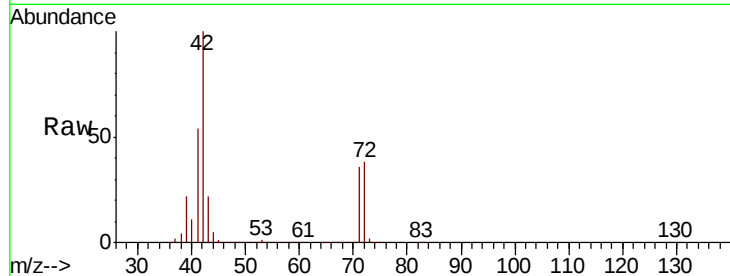




#29
Tetrahydrofuran
Concen: 252.996 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX008574.D
Acq: 01 Apr 2019 17:20

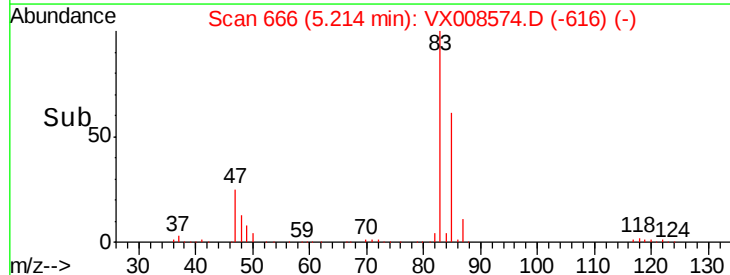
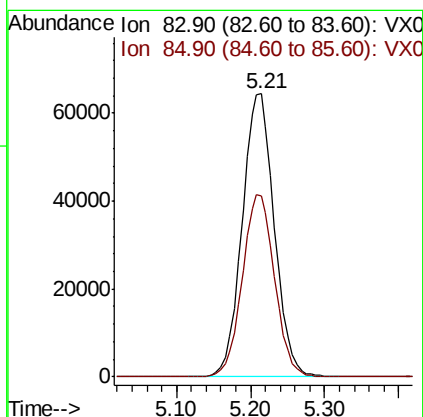
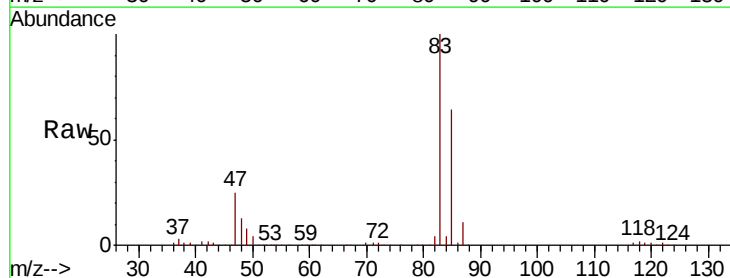
Instrument :
MSVOA_X
ClientSampleId :

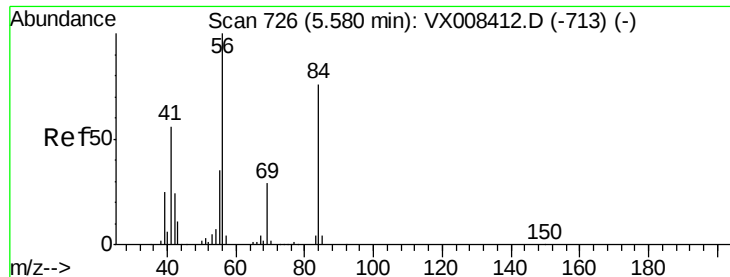
Tot Ion: 42 Resp: 378234
Ion Ratio Lower Upper
42 100
72 38.8 31.4 47.2
71 36.5 29.4 44.2



#30
Chloroform
Concen: 47.312 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.01 min
Lab File: VX008574.D
Acq: 01 Apr 2019 17:20

Tgt Ion: 83 Resp: 194265
Ion Ratio Lower Upper
83 100
85 63.7 51.4 77.2

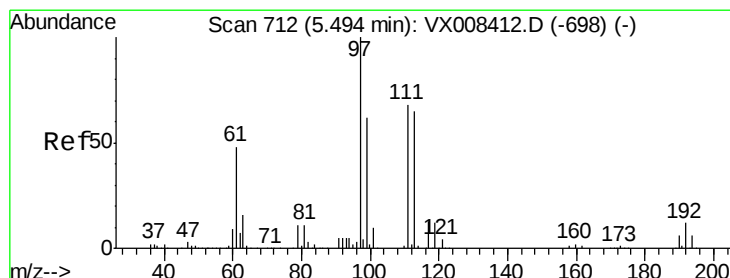
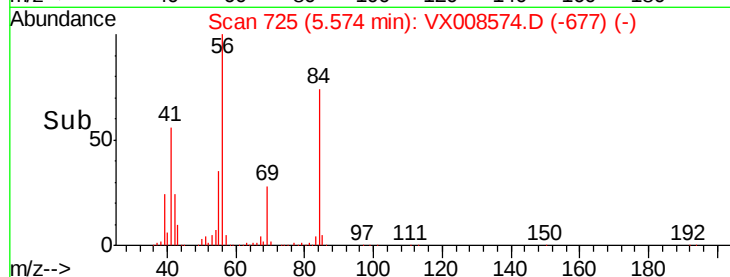
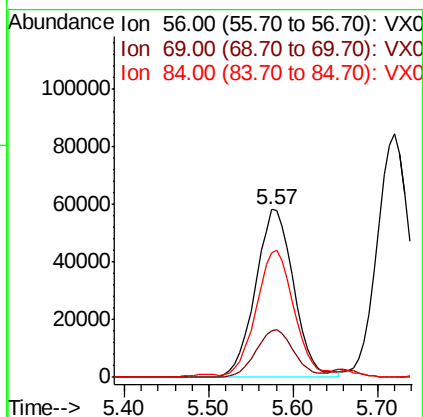
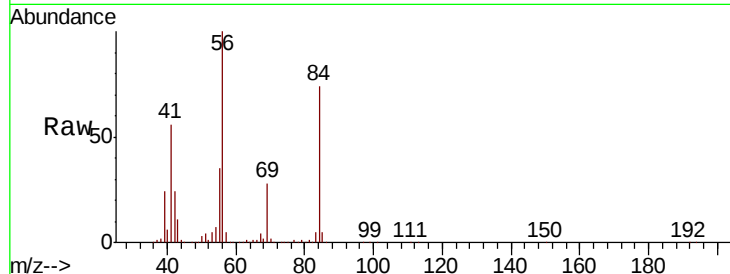




#31
Cyclohexane
Concen: 41.957 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: VX008574.D
Acq: 01 Apr 2019 17:20

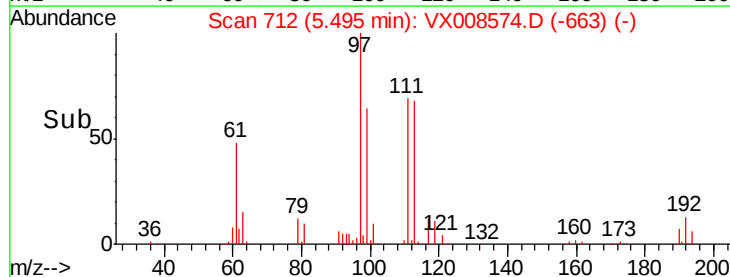
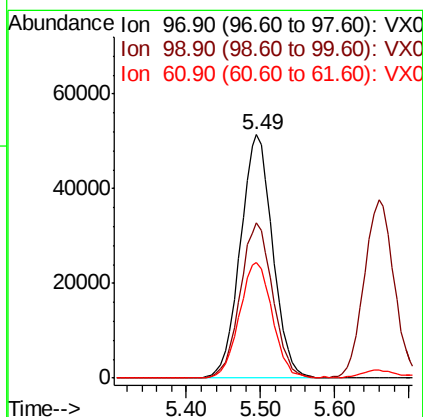
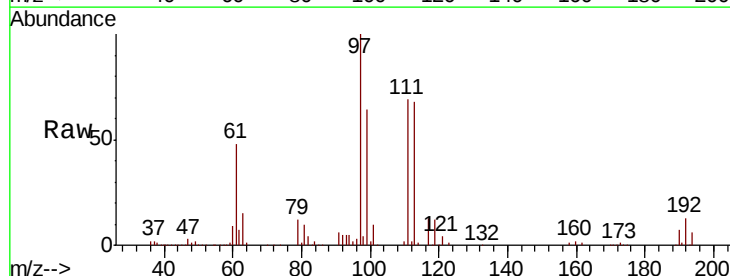
Instrument :
MSVOA_X
ClientSampleId :

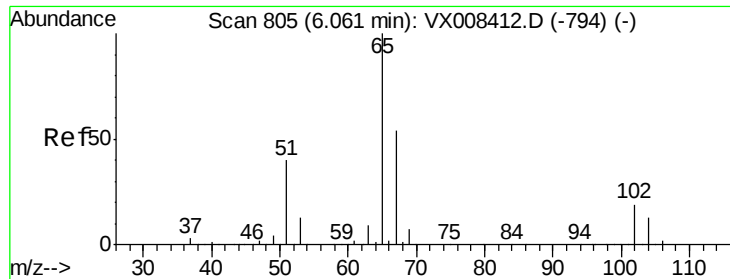
Tot Ion: 56 Resp: 182063
Ion Ratio Lower Upper
56 100
69 28.0 23.2 34.8
84 73.4 60.7 91.1



#32
1,1,1-Trichloroethane
Concen: 47.583 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX008574.D
Acq: 01 Apr 2019 17:20

Tgt Ion: 97 Resp: 156169
Ion Ratio Lower Upper
97 100
99 64.3 51.5 77.3
61 48.5 38.8 58.2

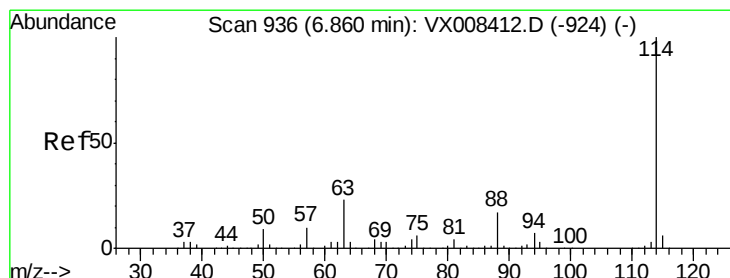
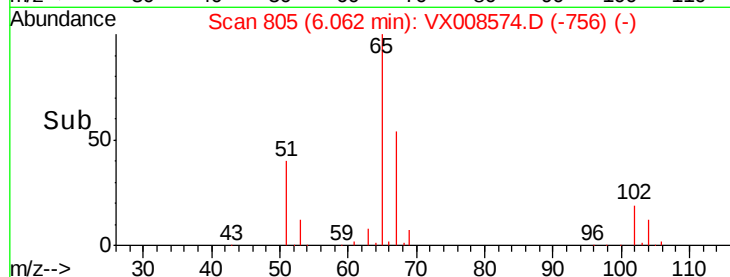
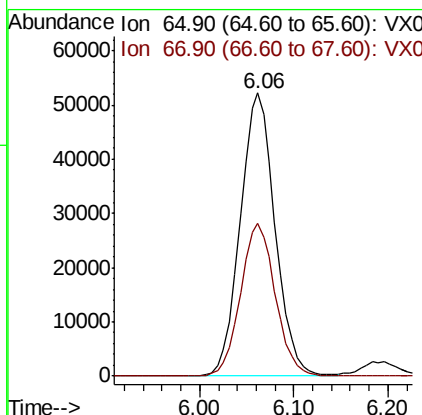
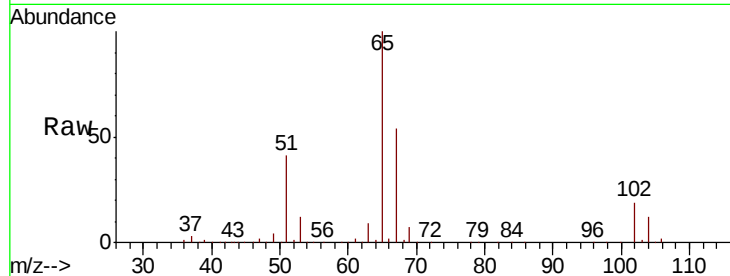




#33
 1,2-Dichloroethane-d4
 Concen: 49.786 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX008574.D
 Acq: 01 Apr 2019 17:20

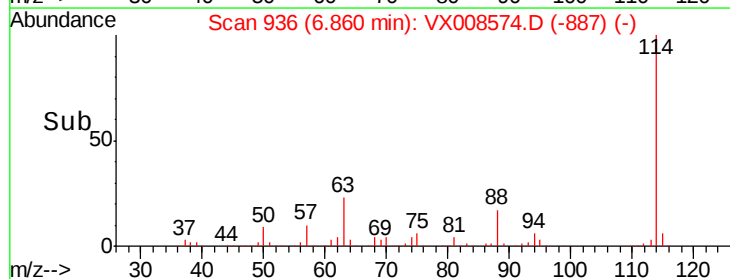
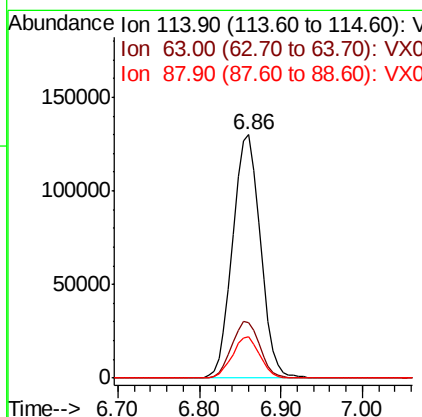
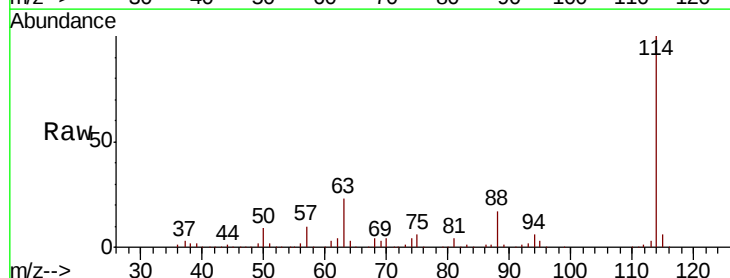
Instrument :
 MSVOA_X
 ClientSampleId :

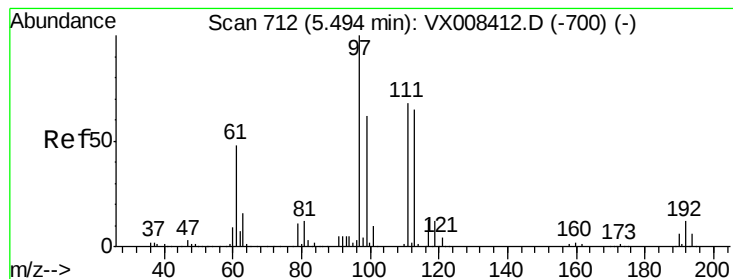
Tot Ion: 65 Resp: 134780
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX008574.D
 Acq: 01 Apr 2019 17:20

Tgt Ion: 114 Resp: 306508
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 46.4
 88 16.8 0.0 33.2





#35

Dibromofluoromethane

Concen: 49.910 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX008574.D

Acq: 01 Apr 2019 17:20

Instrument :

MSVOA_X

ClientSampleId :

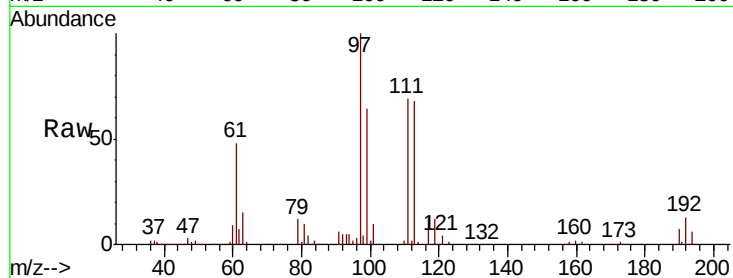
Tot Ion:113 Resp: 99749

Ion Ratio Lower Upper

113 100

111 103.2 83.0 124.4

192 20.0 15.6 23.4

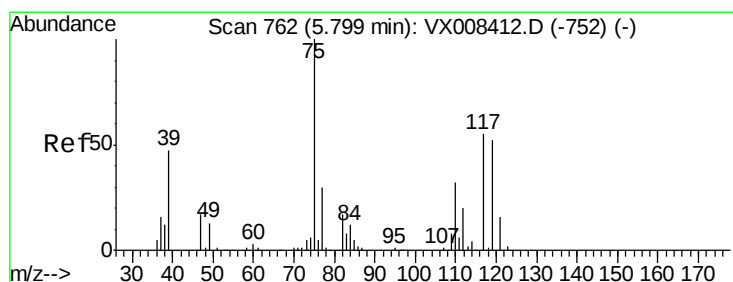
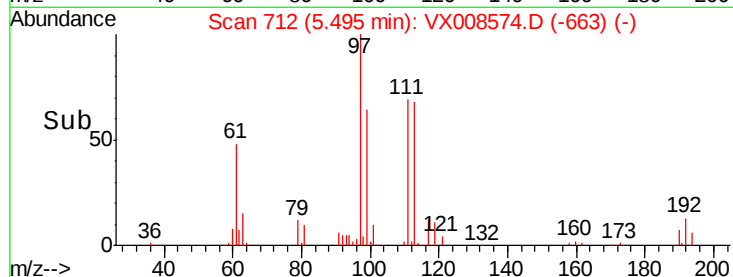
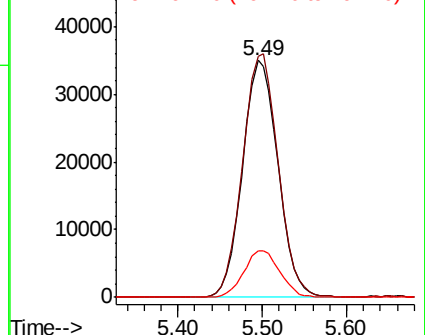


Abundance

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: 44.435 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX008574.D

Acq: 01 Apr 2019 17:20

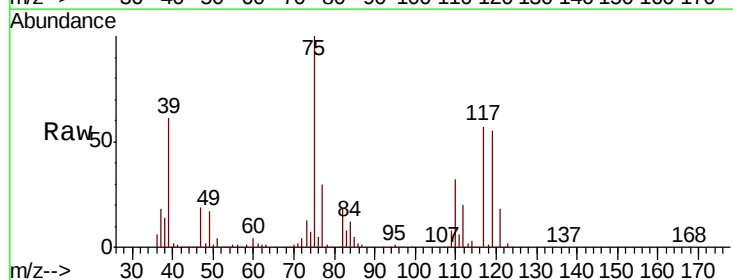
Tgt Ion: 75 Resp: 145215

Ion Ratio Lower Upper

75 100

110 33.0 16.6 49.7

77 30.4 24.2 36.2

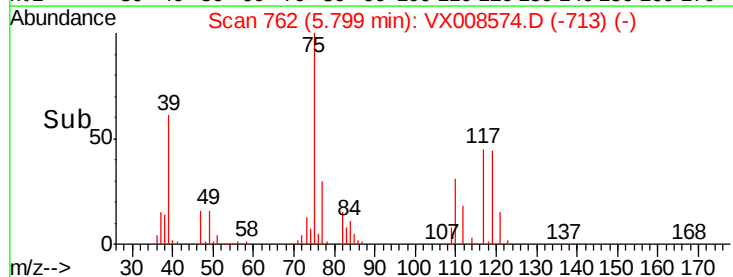
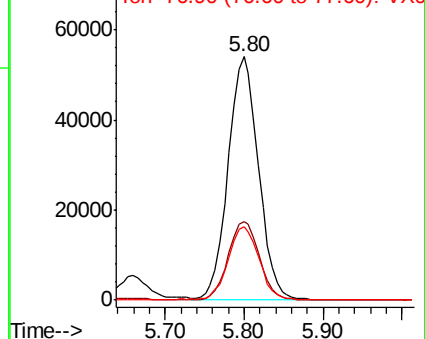


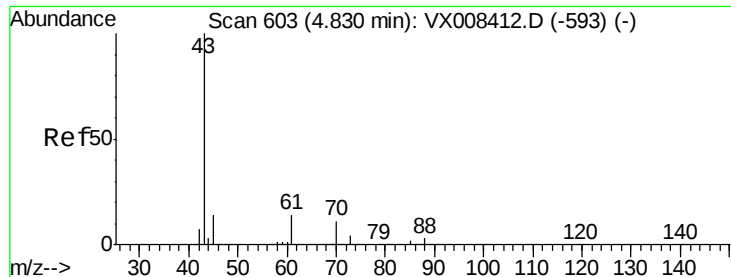
Abundance

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

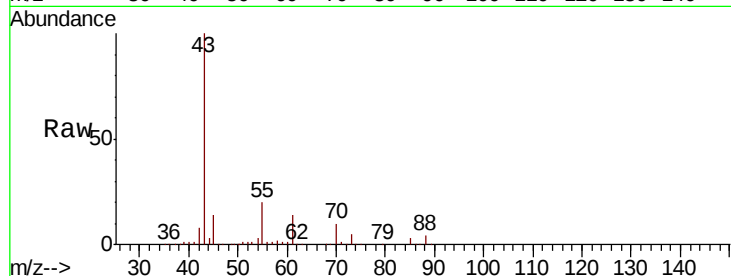




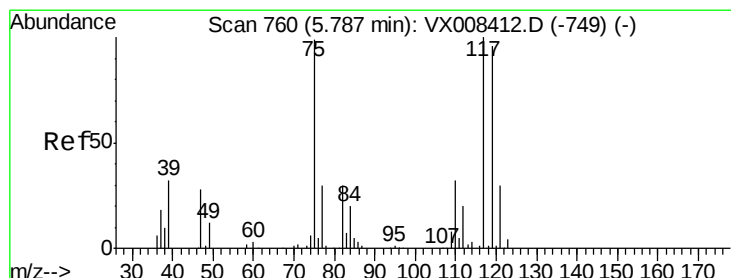
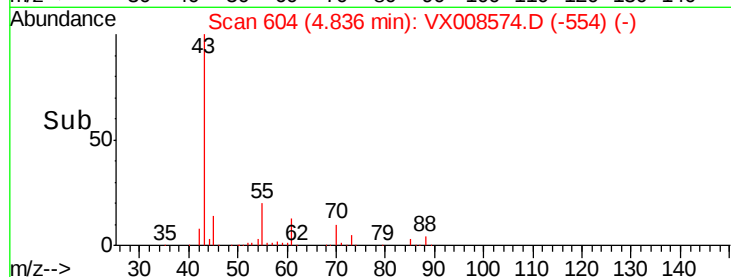
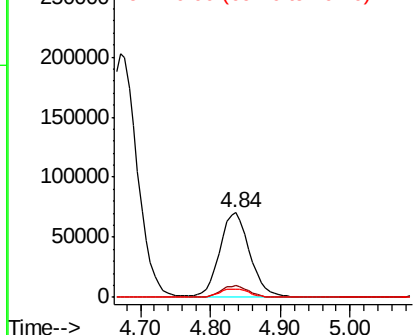
#37
Ethyl Acetate
Concen: 49.493 ug/l
RT: 4.84 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX008574.D
Acq: 01 Apr 2019 17:20

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 209540
Ion Ratio Lower Upper
43 100
61 12.9 10.5 15.7
70 9.9 7.8 11.8

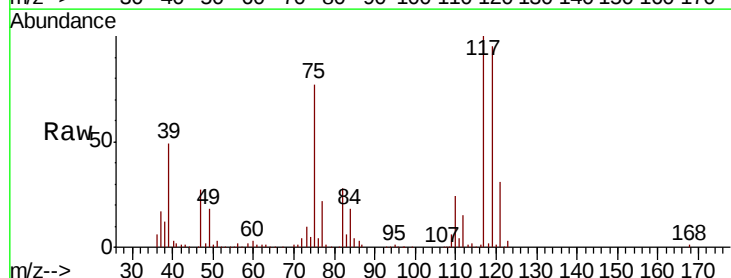


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

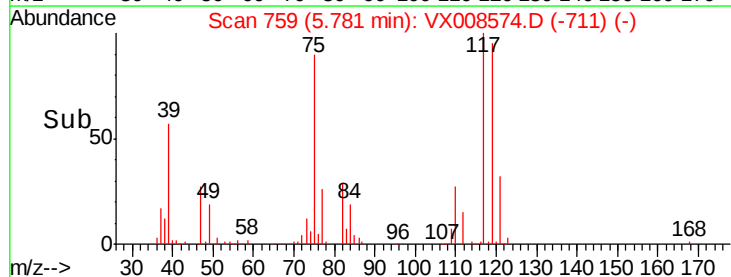
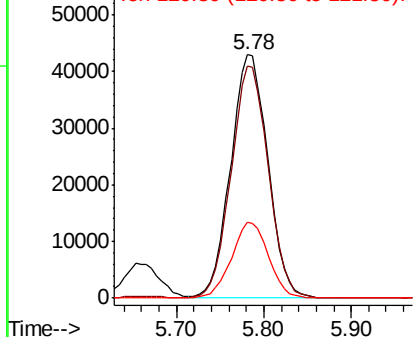


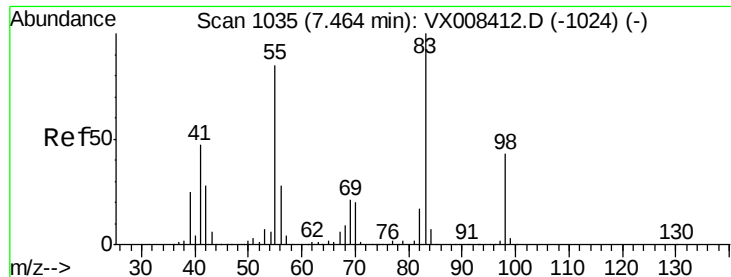
#38
Carbon Tetrachloride
Concen: 46.672 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX008574.D
Acq: 01 Apr 2019 17:20

Tgt Ion: 117 Resp: 127288
Ion Ratio Lower Upper
117 100
119 95.2 76.7 115.1
121 31.4 24.3 36.5



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

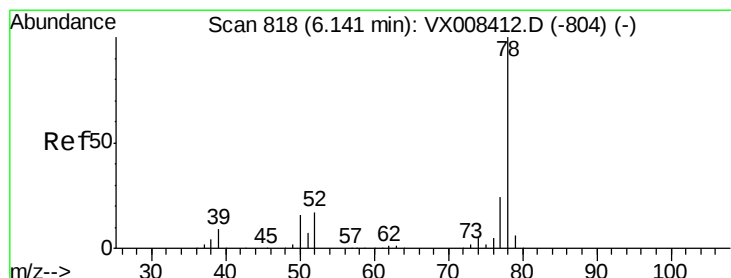
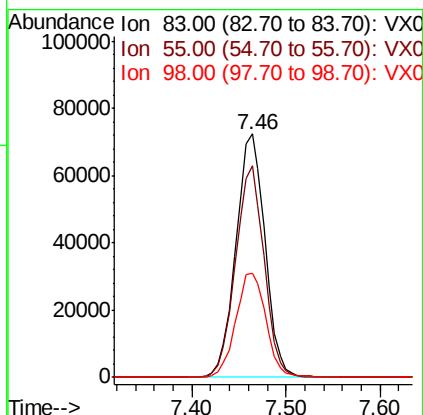
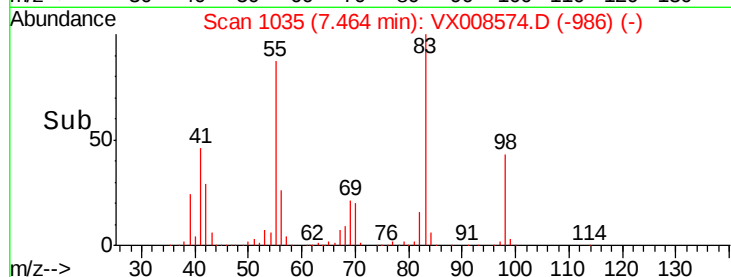
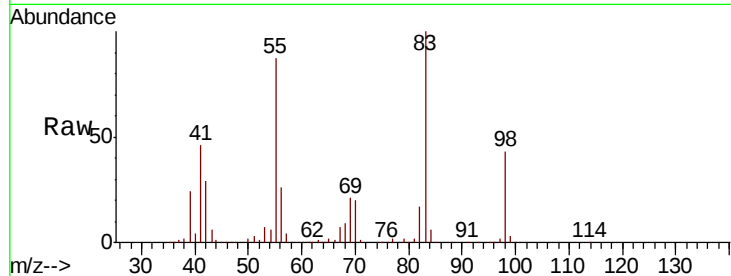




#39
Methvlcvclohexane
Concen: 39.966 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX008574.D
Acq: 01 Apr 2019 17:20

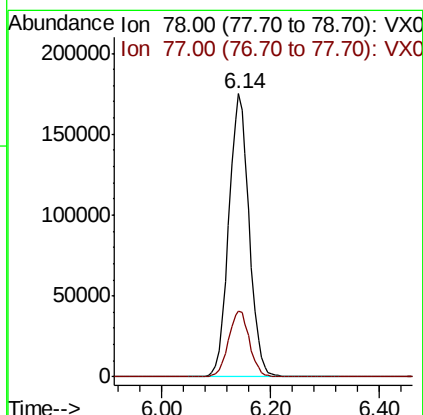
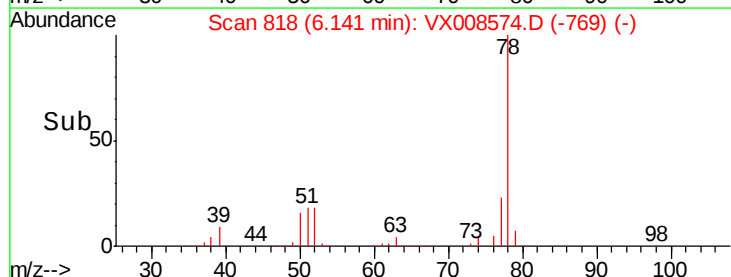
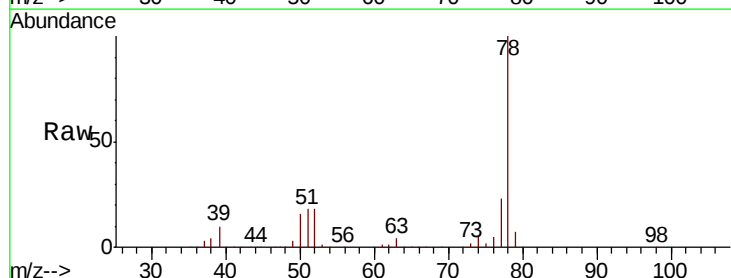
Instrument :
MSVOA_X
ClientSampled :

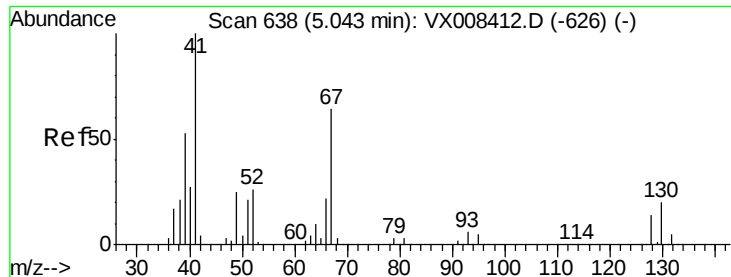
Tot Ion: 83 Resp: 156091
Ion Ratio Lower Upper
83 100
55 86.5 68.2 102.4
98 43.0 34.2 51.4



#40
Benzene
Concen: 46.532 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX008574.D
Acq: 01 Apr 2019 17:20

Tgt Ion: 78 Resp: 455253
Ion Ratio Lower Upper
78 100
77 23.3 19.3 28.9

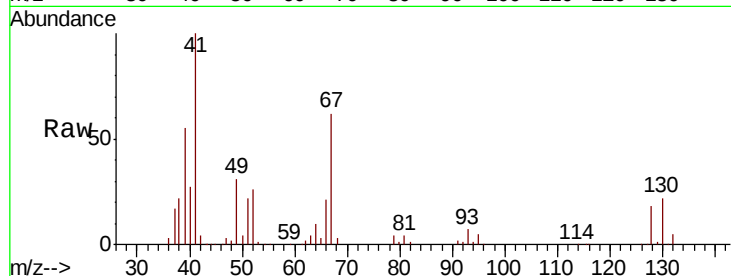




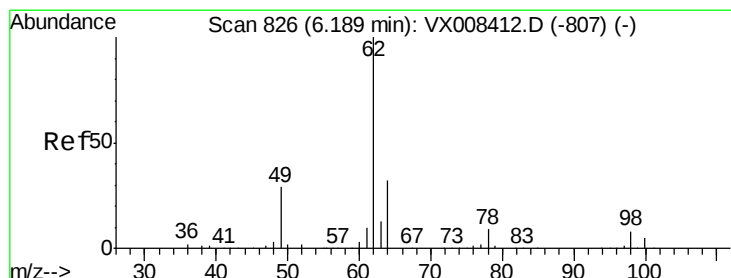
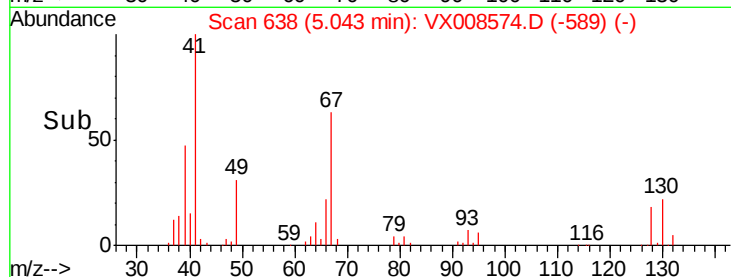
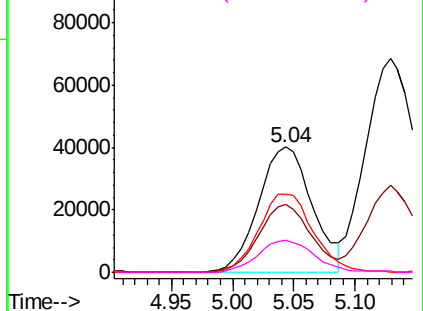
#41
Methacrylonitrile
Concen: 51.402 ug/l
RT: 5.04 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX008574.D
Acq: 01 Apr 2019 17:20

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	41	Resp:	122298
Ion	Ratio	Lower	Upper
41	100		
39	53.3	42.6	64.0
67	64.2	52.2	78.4
52	26.3	21.4	32.0

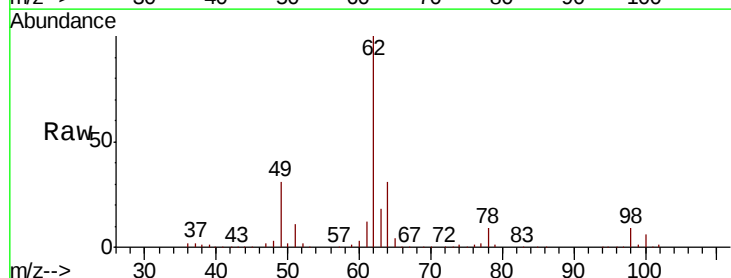


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

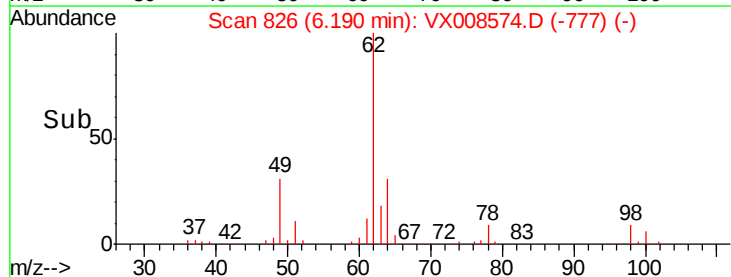
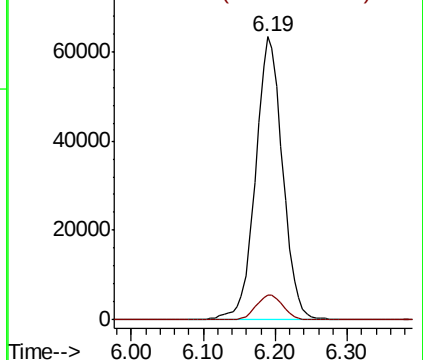


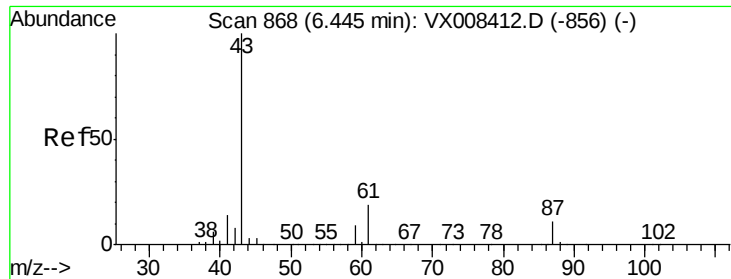
#42
1,2-Dichloroethane
Concen: 46.227 ug/l
RT: 6.19 min Scan# 826
Delta R.T. 0.00 min
Lab File: VX008574.D
Acq: 01 Apr 2019 17:20

Tgt Ion:	62	Resp:	165592
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	17.6



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



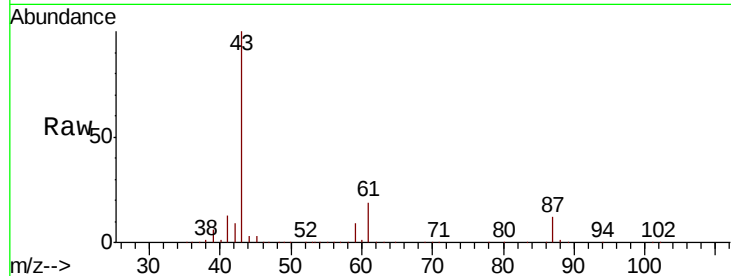


#43

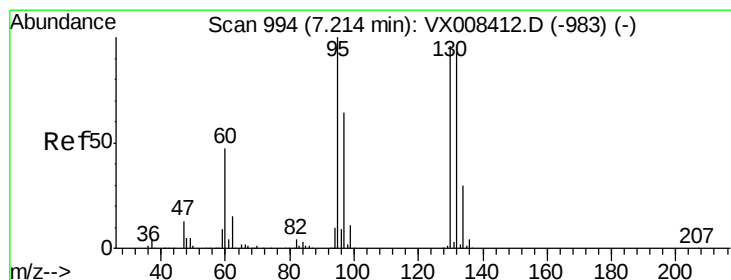
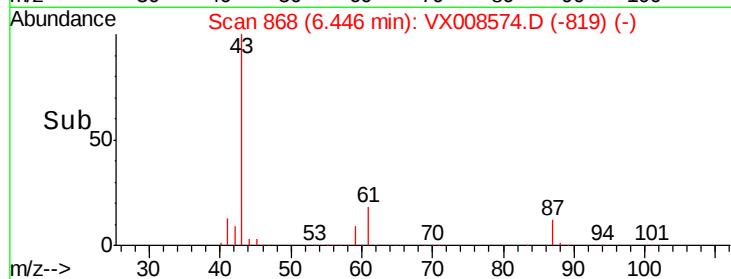
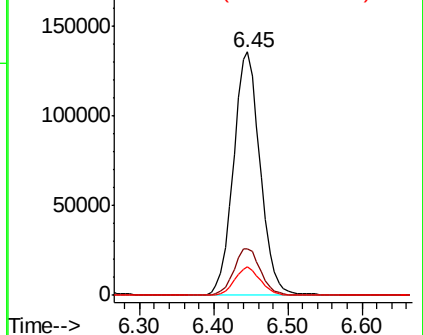
Isopropyl Acetate
 Concen: 50.085 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. 0.00 min
 Lab File: VX008574.D
 Acq: 01 Apr 2019 17:20

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	43	Resp	339170
Ion Ratio	Lower	Upper	
43	100		
61	19.3	15.4	23.2
87	11.3	9.1	13.7



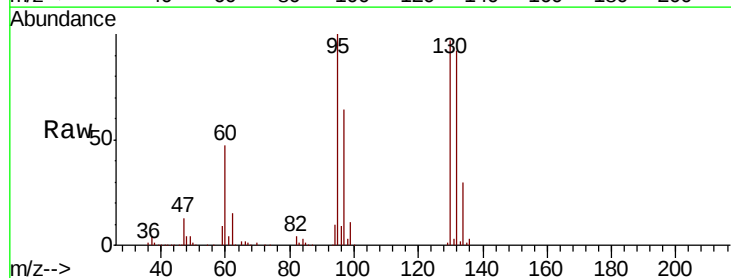
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



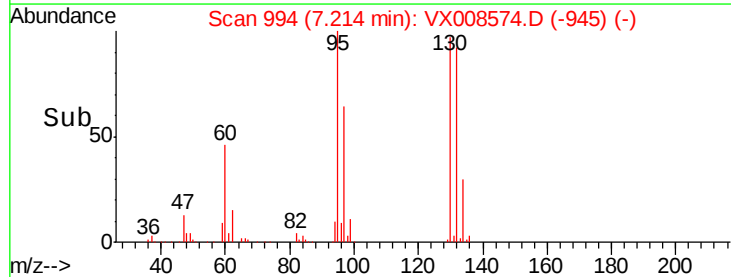
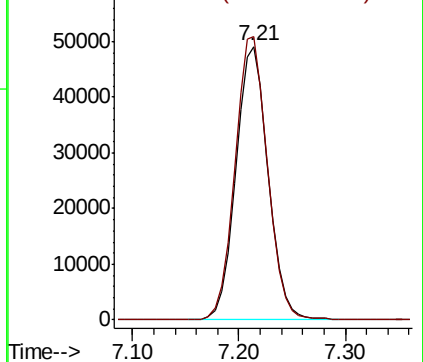
#44

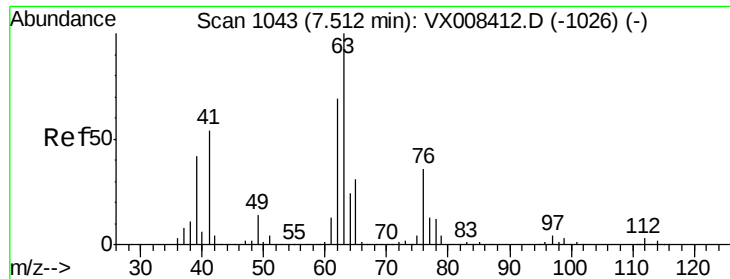
Trichloroethene
 Concen: 45.465 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX008574.D
 Acq: 01 Apr 2019 17:20

Tgt Ion	130	Resp	104443
Ion Ratio	Lower	Upper	
130	100		
95	103.5	0.0	208.8



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





#45

1,2-Dichloropropane

Concen: 47.543 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX008574.D

Acq: 01 Apr 2019 17:20

Instrument :

MSVOA_X

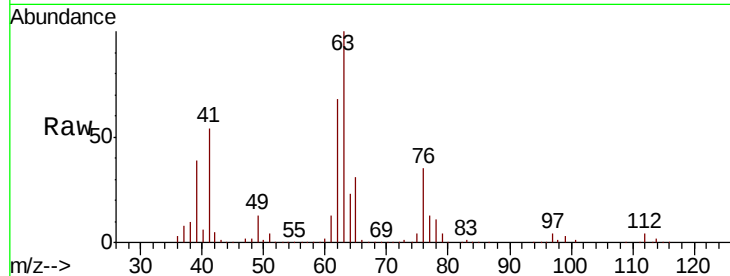
ClientSampleId :

Tot Ion: 63 Resp: 132214

Ion Ratio Lower Upper

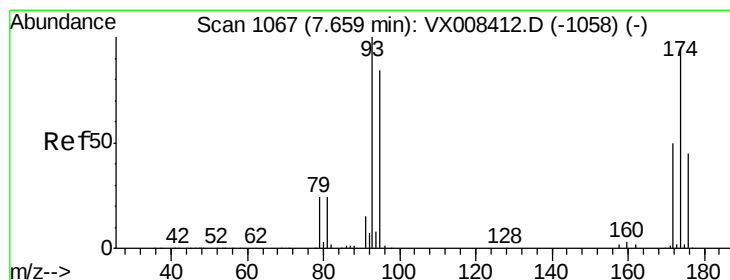
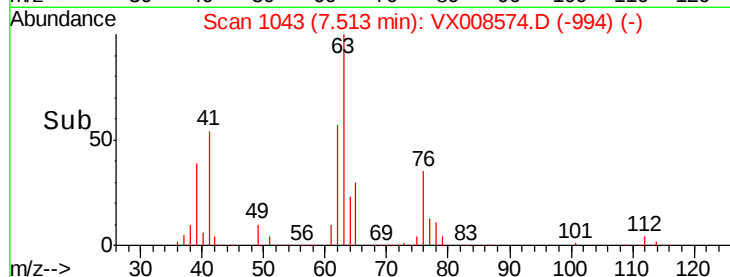
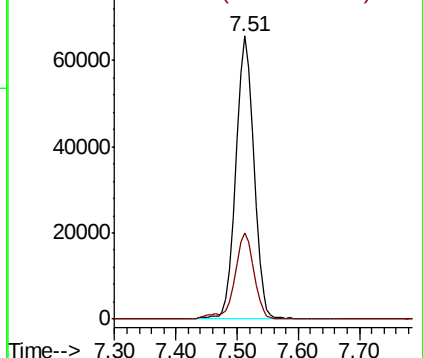
63 100

65 30.7 25.1 37.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 47.038 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX008574.D

Acq: 01 Apr 2019 17:20

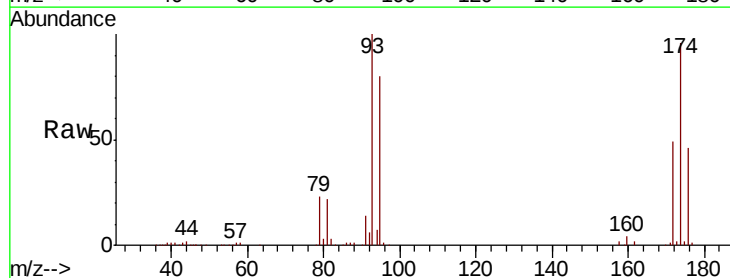
Tgt Ion: 93 Resp: 76385

Ion Ratio Lower Upper

93 100

95 83.2 67.0 100.6

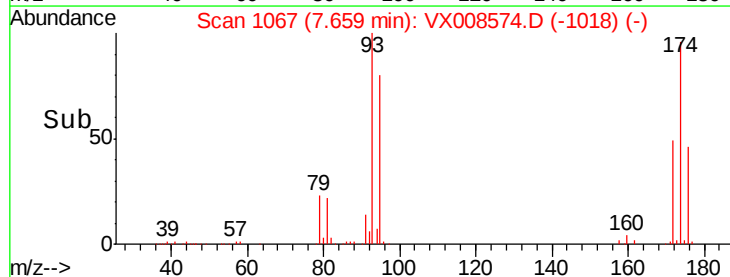
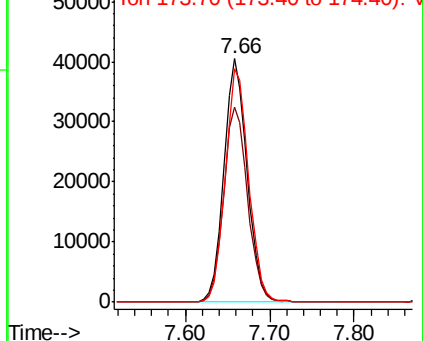
174 96.6 76.0 114.0

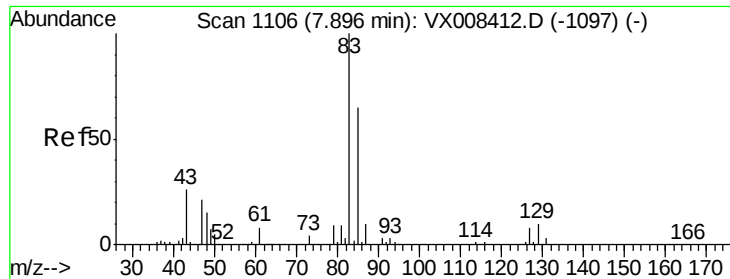


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 49.153 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX008574.D

Acq: 01 Apr 2019 17:20

Instrument :

MSVOA_X

ClientSampleId :

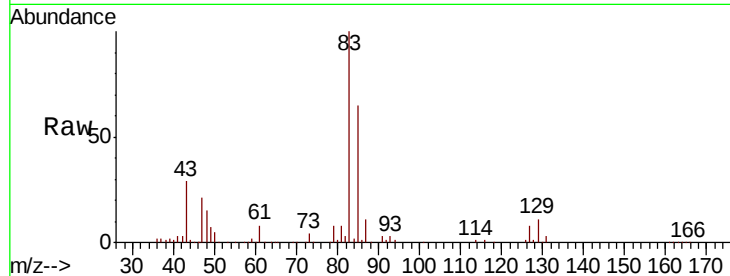
Tot Ion: 83 Resp: 152781

Ion Ratio Lower Upper

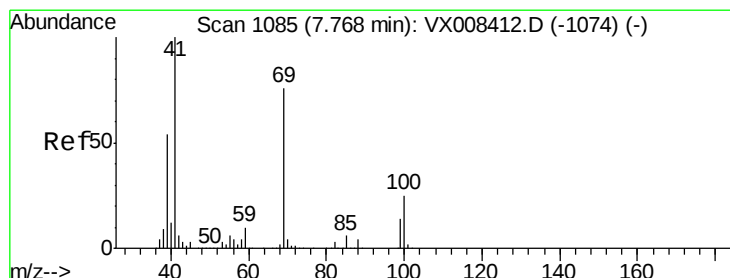
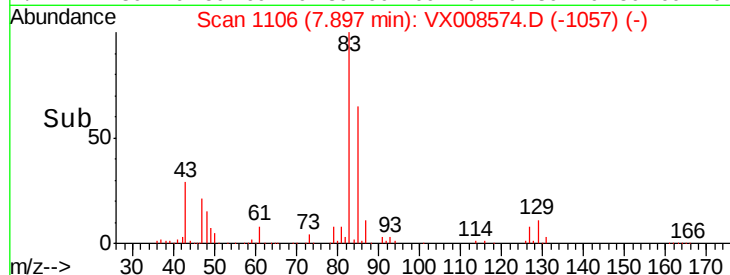
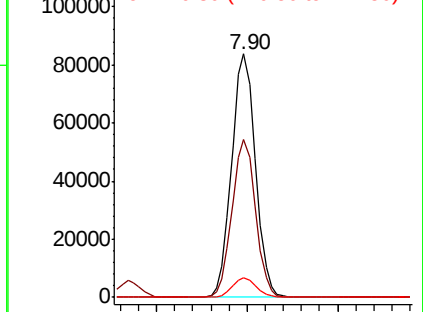
83 100

85 64.7 52.0 78.0

127 7.9 6.4 9.6



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: 51.195 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX008574.D

Acq: 01 Apr 2019 17:20

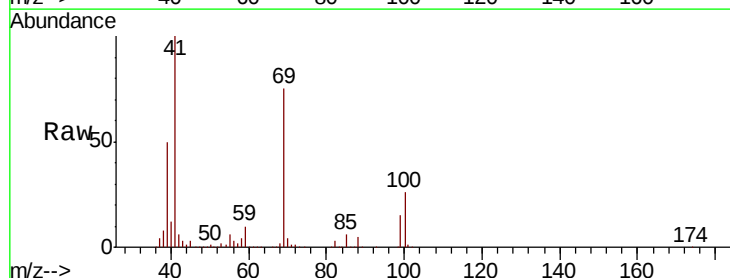
Tgt Ion: 41 Resp: 173466

Ion Ratio Lower Upper

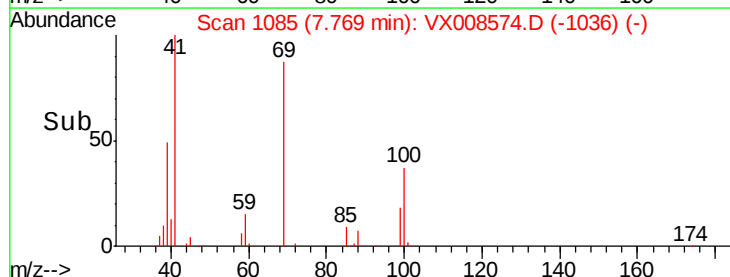
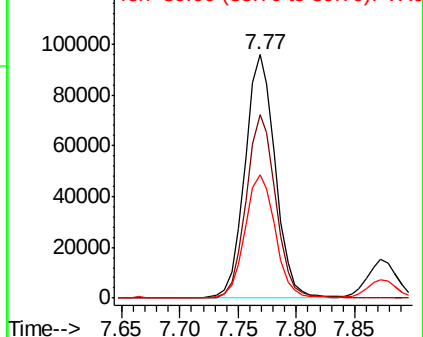
41 100

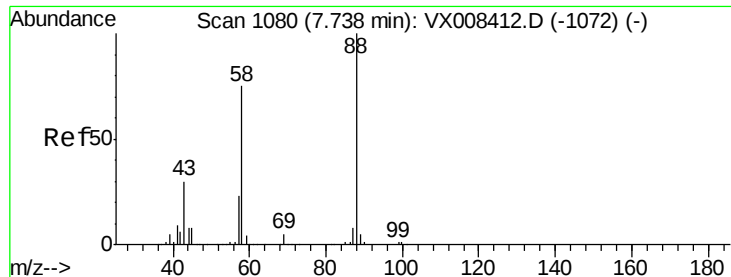
69 74.5 60.8 91.2

39 50.7 42.3 63.5



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: 999.836 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. 0.00 min

Lab File: VX008574.D

Acq: 01 Apr 2019 17:20

Instrument :
MSVOA_X
ClientSampled :

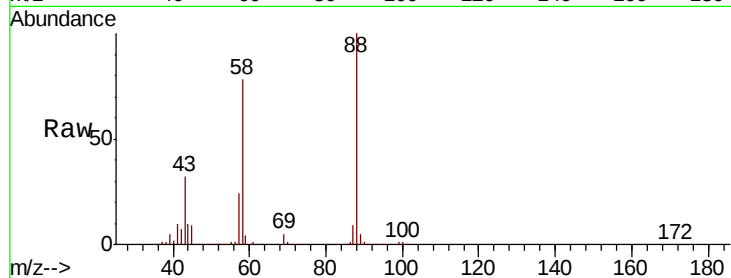
Tot Ion: 88 Resp: 67361

Ion Ratio Lower Upper

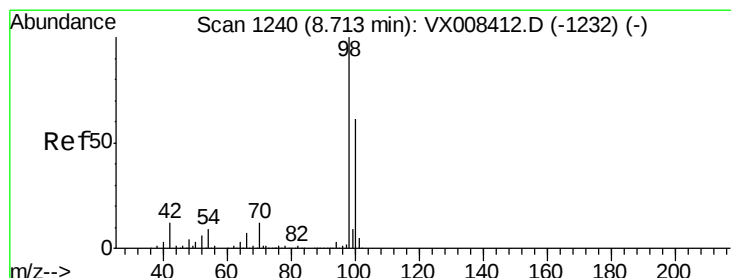
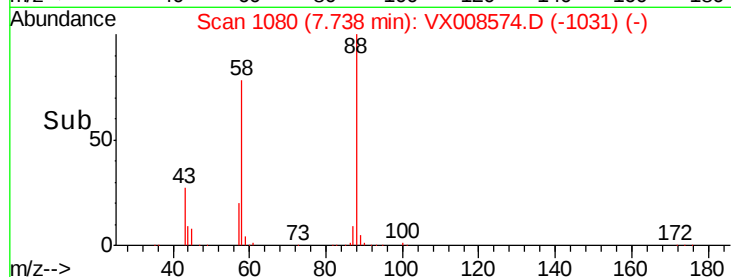
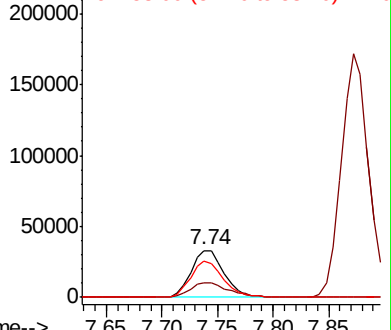
88 100

43 36.0 28.6 43.0

58 77.7 63.0 94.4



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: 49.497 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX008574.D

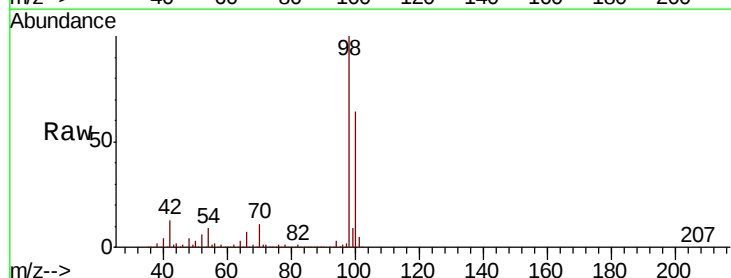
Acq: 01 Apr 2019 17:20

Tgt Ion: 98 Resp: 395553

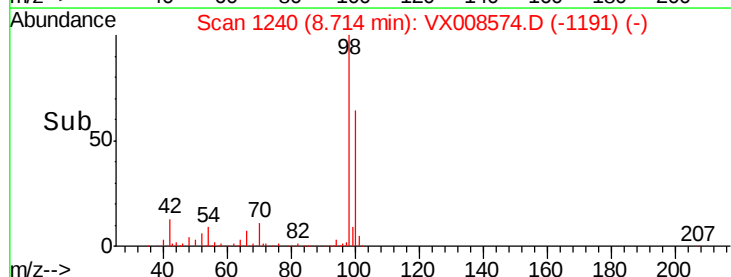
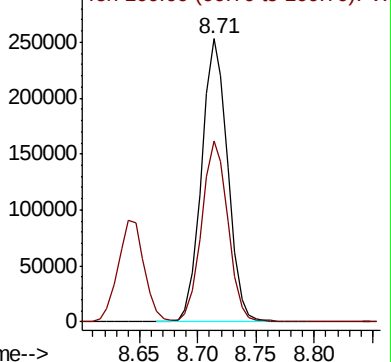
Ion Ratio Lower Upper

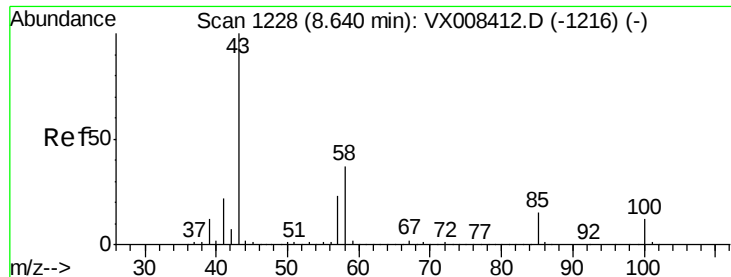
98 100

100 64.6 51.1 76.7



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





#51

4-Methyl-2-Pentanone

Concen: 264.514 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX008574.D

Acq: 01 Apr 2019 17:20

Instrument :

MSVOA_X

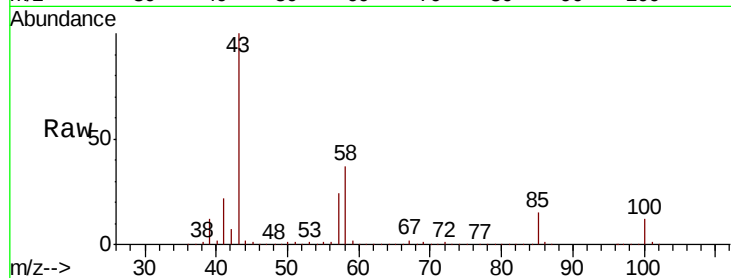
ClientSampled :

Tot Ion: 43 Resp: 1163427

Ion Ratio Lower Upper

43 100

58 37.0 29.8 44.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

800000

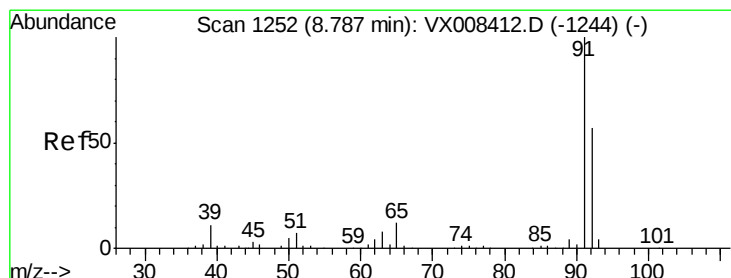
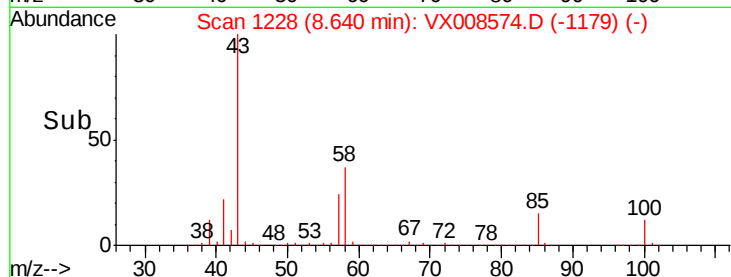
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 46.799 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX008574.D

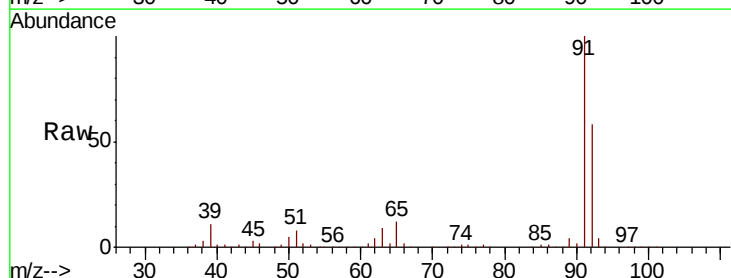
Acq: 01 Apr 2019 17:20

Tgt Ion: 92 Resp: 273771

Ion Ratio Lower Upper

92 100

91 173.8 140.2 210.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.78

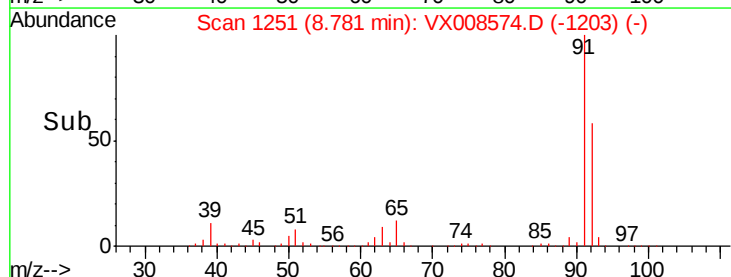
300000

200000

100000

0

Time-->

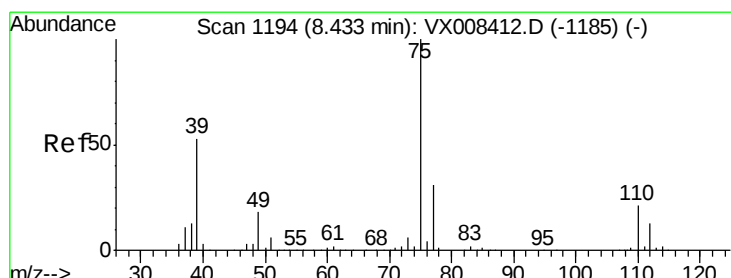
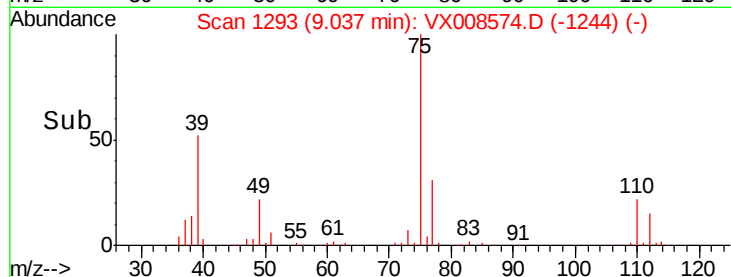
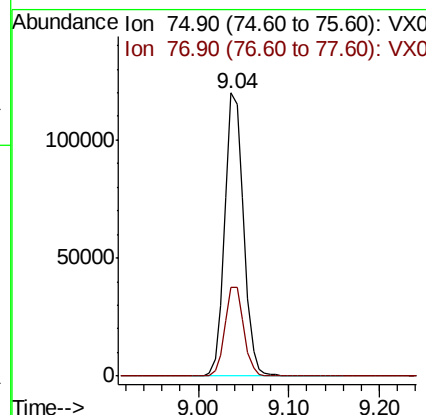
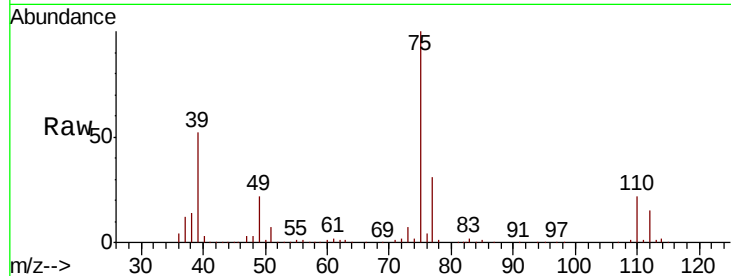




#53
 t-1,3-Dichloropropene
 Concen: 50.991 ug/l
 RT: 9.04 min Scan# 1293
 Delta R.T. 0.00 min
 Lab File: VX008574.D
 Acq: 01 Apr 2019 17:20

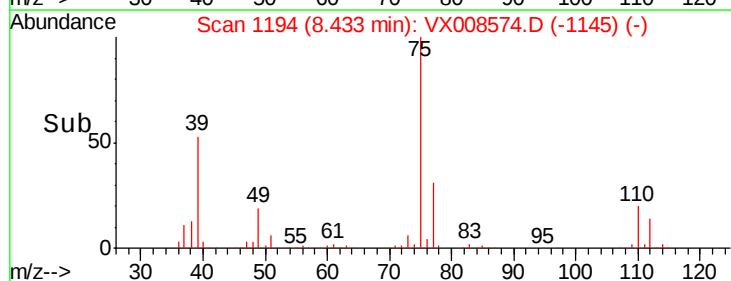
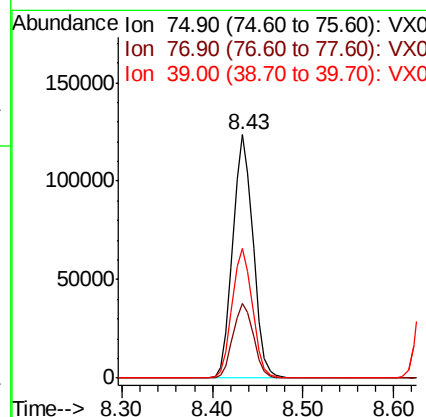
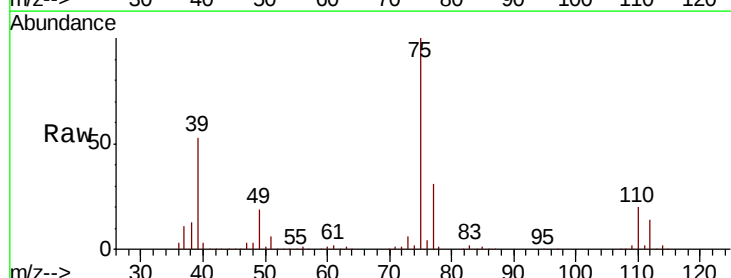
Instrument :
 MSVOA_X
 ClientSampled :

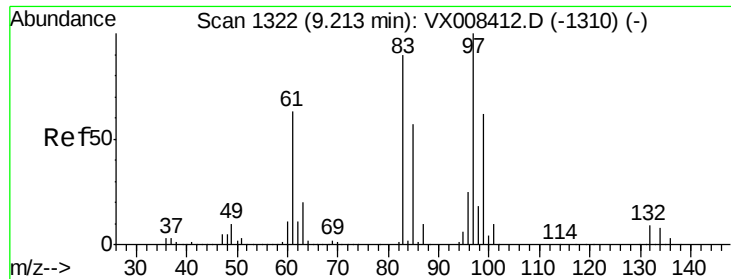
Tot Ion: 75 Resp: 173600
 Ion Ratio Lower Upper
 75 100
 77 31.4 24.3 36.5



#54
 cis-1,3-Dichloropropene
 Concen: 49.829 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX008574.D
 Acq: 01 Apr 2019 17:20

Tgt Ion: 75 Resp: 192908
 Ion Ratio Lower Upper
 75 100
 77 30.7 24.7 37.1
 39 53.0 42.4 63.6

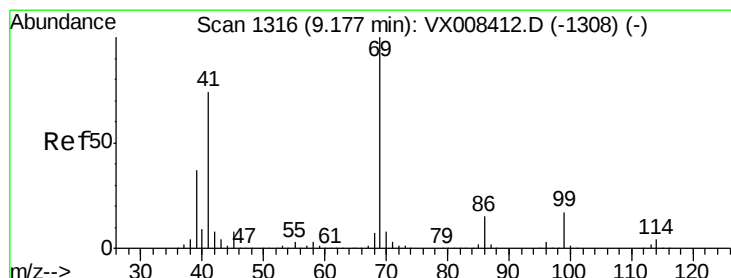
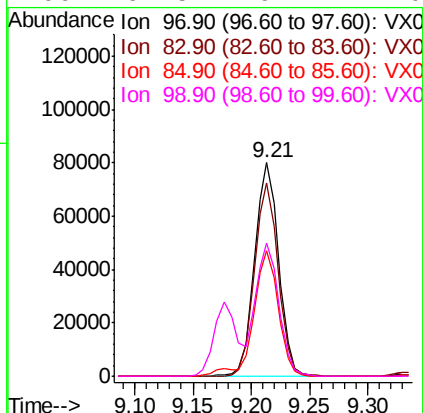
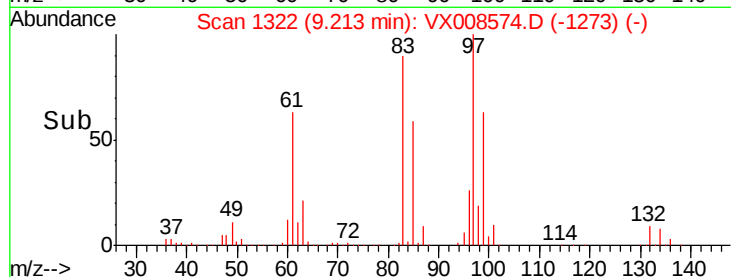
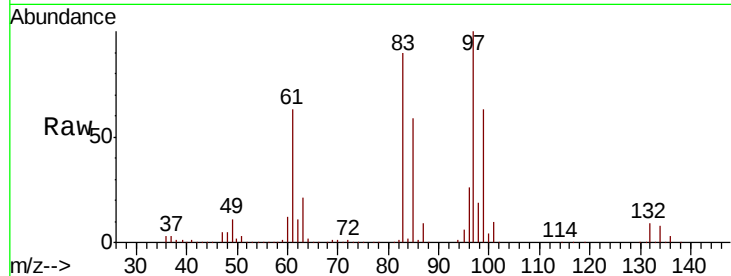




#55
 1,1,2-Trichloroethane
 Concen: 48.557 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX008574.D
 Acq: 01 Apr 2019 17:20

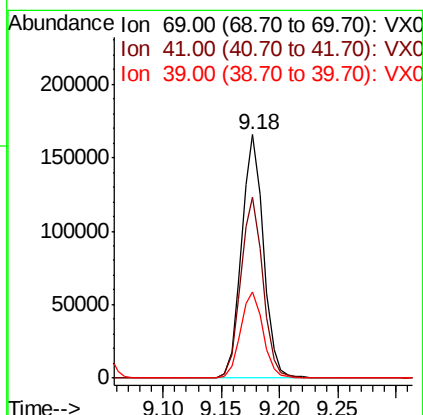
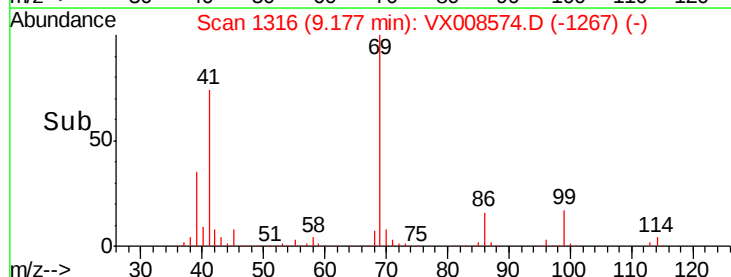
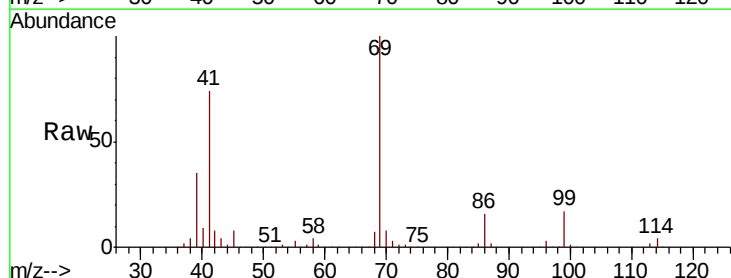
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:	97	Resp:	115631
Ion	Ratio	Lower	Upper
97	100		
83	90.3	71.8	107.6
85	59.0	45.9	68.9
99	62.5	49.4	74.0



#56
 Ethyl methacrylate
 Concen: 50.841 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX008574.D
 Acq: 01 Apr 2019 17:20

Tgt Ion:	69	Resp:	218540
Ion	Ratio	Lower	Upper
69	100		
41	75.0	59.5	89.3
39	36.4	29.3	43.9





#57

1,3-Dichloropropane

Concen: 47.898 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX008574.D

Acq: 01 Apr 2019 17:20

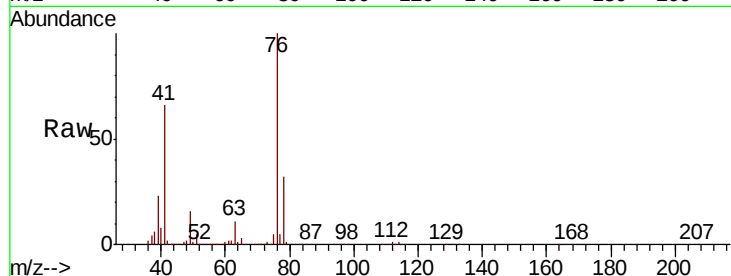
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 76 Resp: 204503

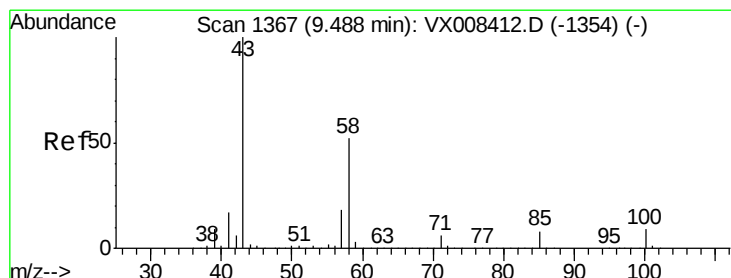
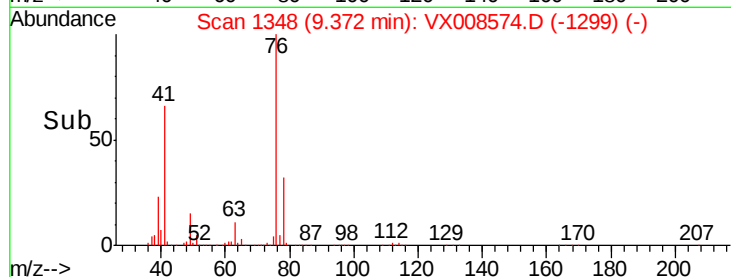
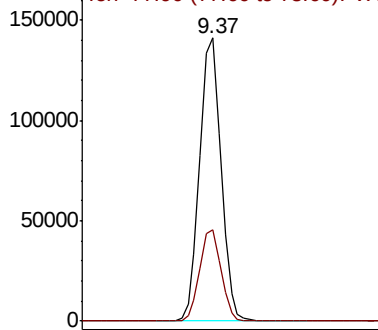
Ion Ratio Lower Upper

76 100

78 32.3 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VX0
Ion 77.90 (77.60 to 78.60): VX0



#59

2-Hexanone

Concen: 260.363 ug/l

RT: 9.49 min Scan# 1368

Delta R.T. 0.01 min

Lab File: VX008574.D

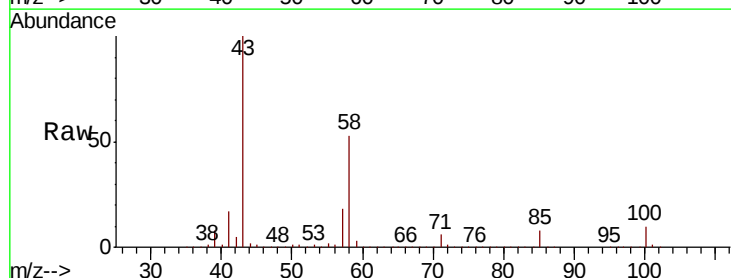
Acq: 01 Apr 2019 17:20

Tgt Ion: 43 Resp: 887343

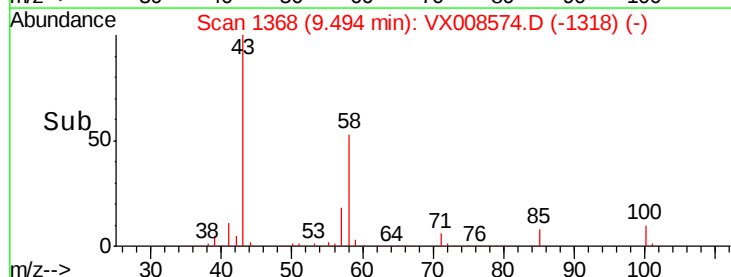
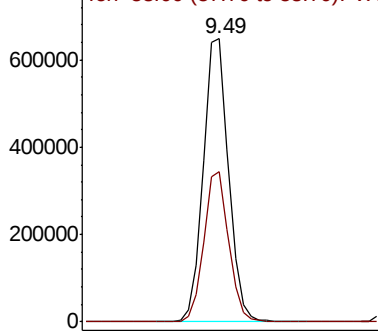
Ion Ratio Lower Upper

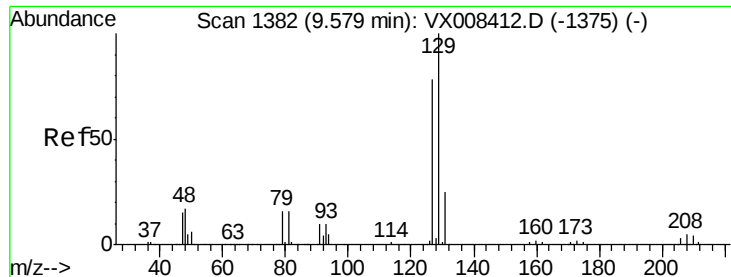
43 100

58 52.4 26.3 78.9



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





#60

Dibromochloromethane

Concen: 50.201 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VX008574.D

Acq: 01 Apr 2019 17:20

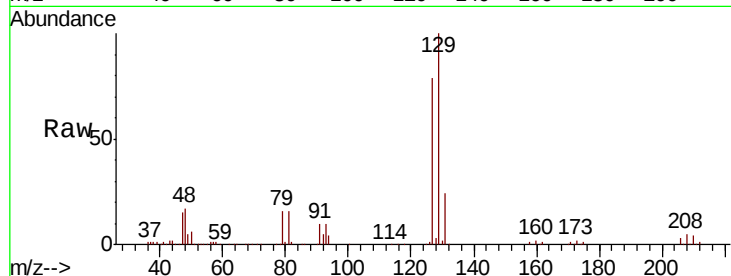
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:129 Resp: 113690

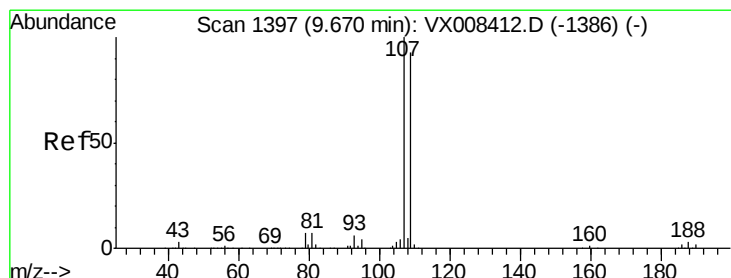
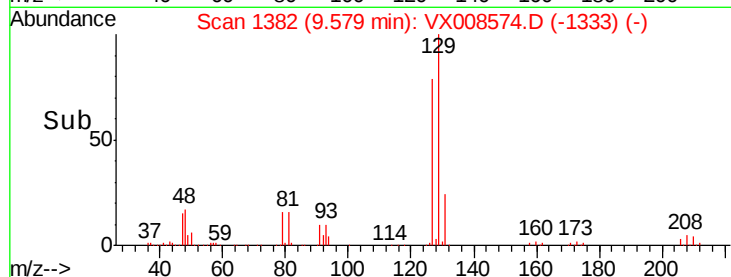
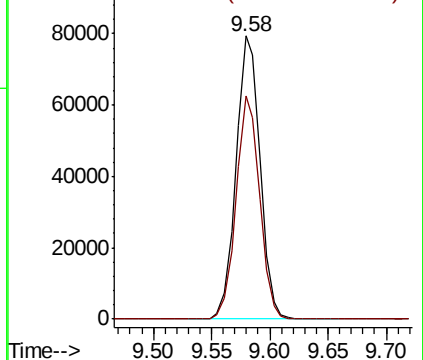
Ion Ratio Lower Upper

129 100

127 77.5 38.1 114.3



Abundance Ion 128.80 (128.50 to 129.50): V
Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 48.862 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX008574.D

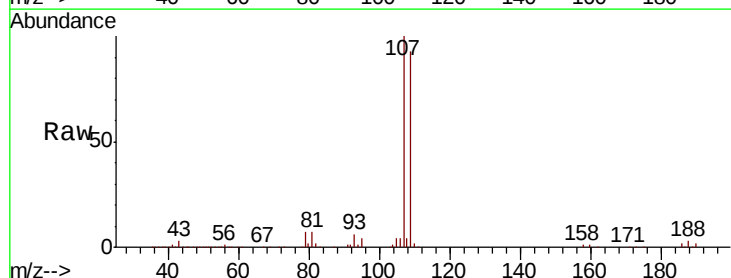
Acq: 01 Apr 2019 17:20

Tgt Ion:107 Resp: 118744

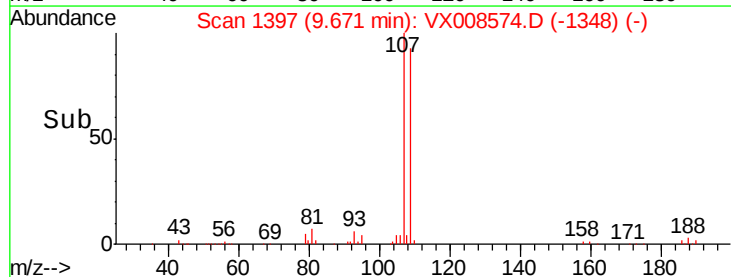
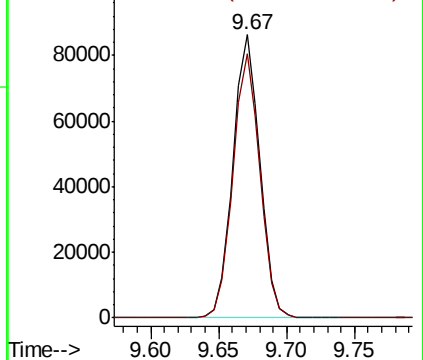
Ion Ratio Lower Upper

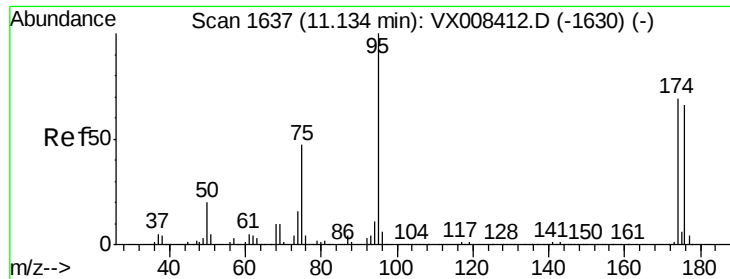
107 100

109 93.6 74.6 111.8



Abundance Ion 106.90 (106.60 to 107.60): V
Ion 108.80 (108.50 to 109.50): V

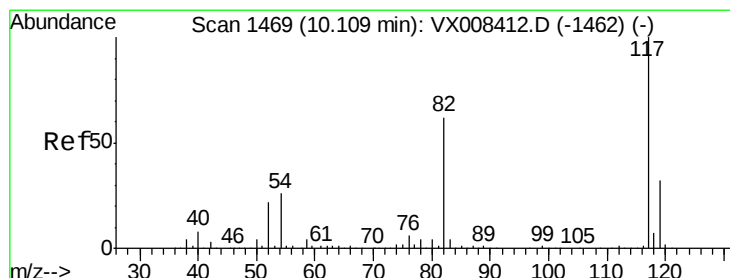
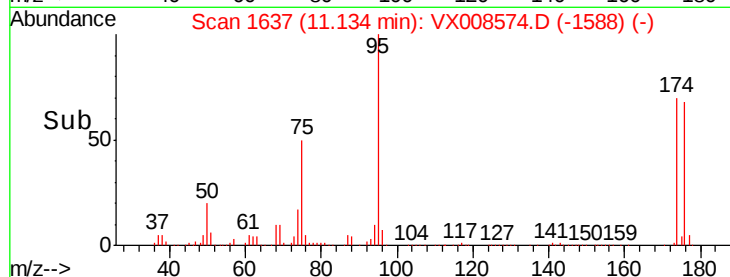
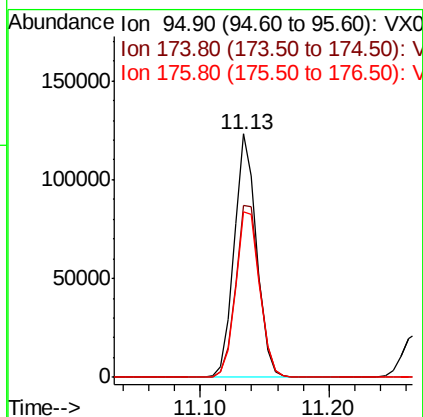
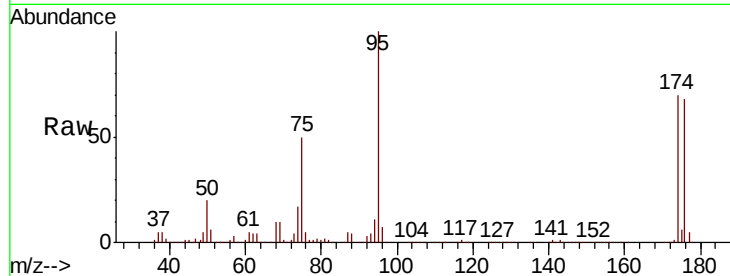




#62
4-Bromofluorobenzene
Concen: 50.345 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX008574.D
Acq: 01 Apr 2019 17:20

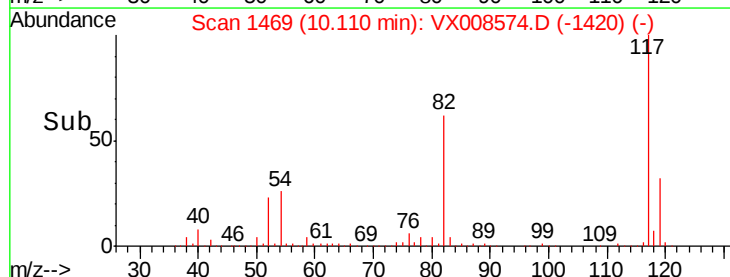
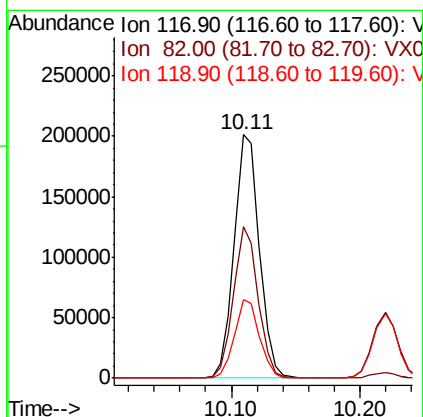
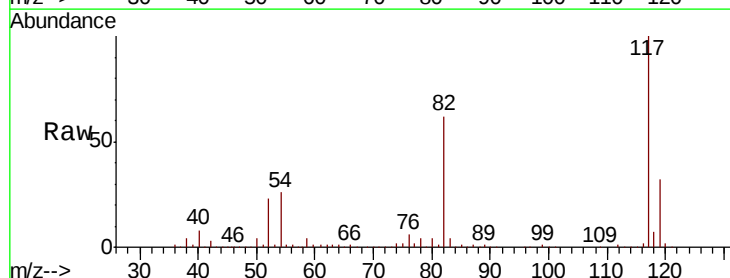
Instrument :
MSVOA_X
ClientSampleId :

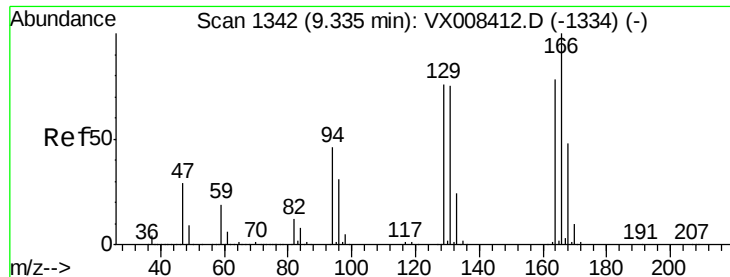
Tot Ion: 95 Resp: 149090
Ion Ratio Lower Upper
95 100
174 75.6 0.0 147.2
176 72.8 0.0 142.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008574.D
Acq: 01 Apr 2019 17:20

Tgt Ion: 117 Resp: 275439
Ion Ratio Lower Upper
117 100
82 62.4 49.4 74.2
119 32.5 25.4 38.0





#64

Tetrachloroethene

Concen: 45.559 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX008574.D

Acq: 01 Apr 2019 17:20

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:164 Resp: 84954

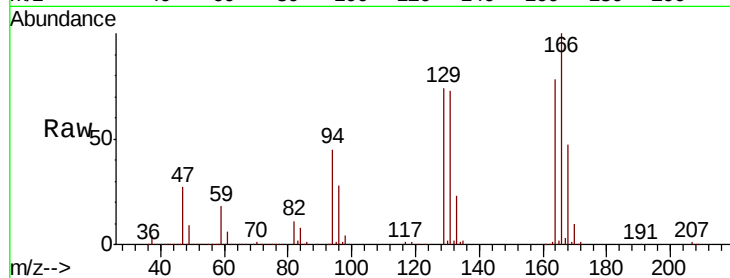
Ion Ratio Lower Upper

164 100

166 128.2 102.5 153.7

129 94.2 77.8 116.8

131 93.5 76.9 115.3



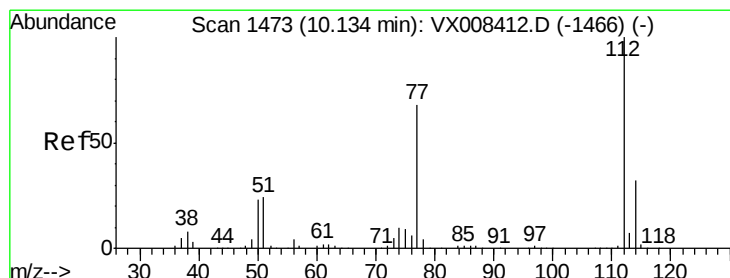
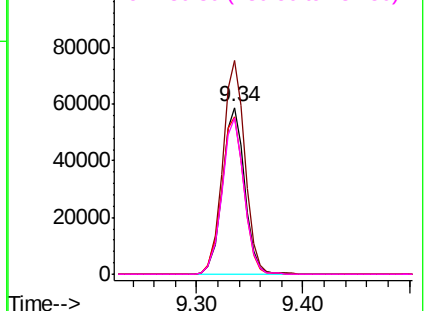
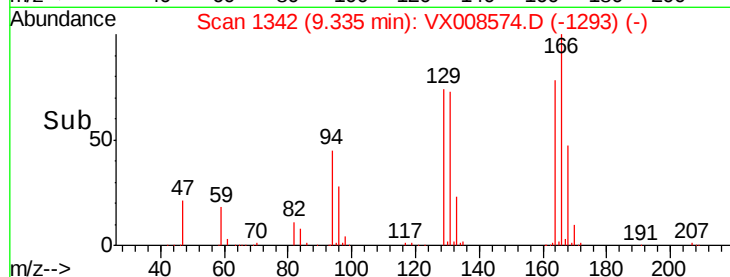
Abundance

Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 47.282 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.01 min

Lab File: VX008574.D

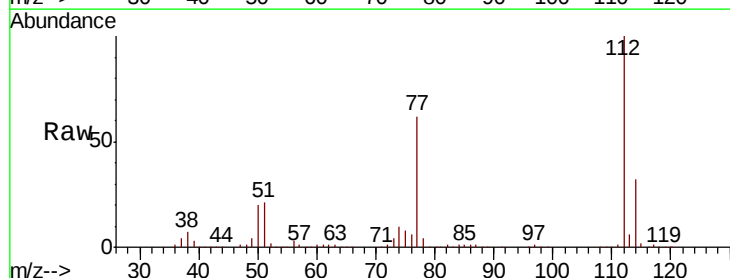
Acq: 01 Apr 2019 17:20

Tgt Ion:112 Resp: 283215

Ion Ratio Lower Upper

112 100

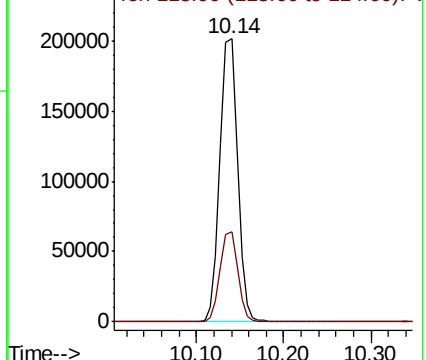
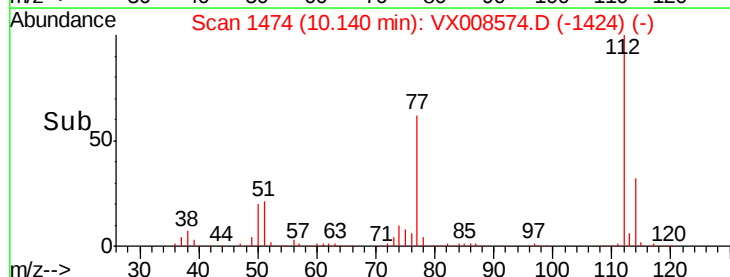
114 31.8 25.4 38.2

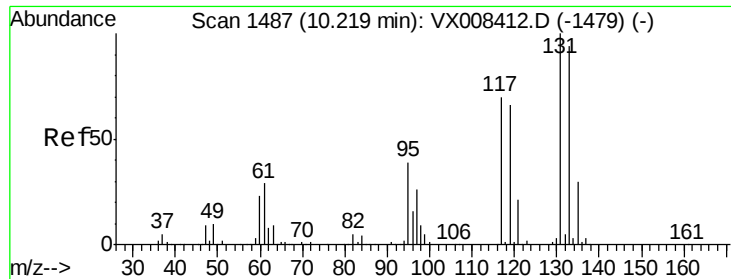


Abundance

Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

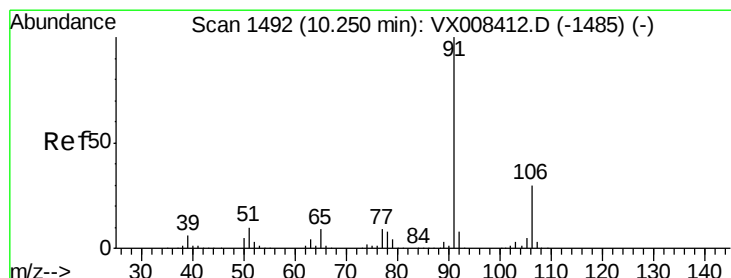
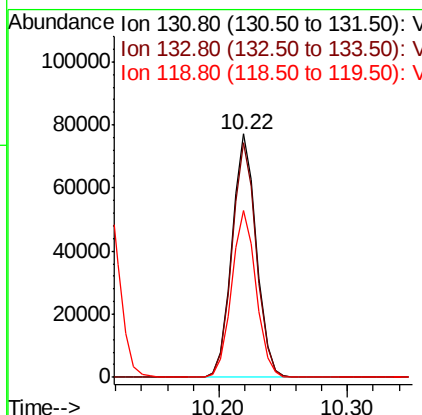
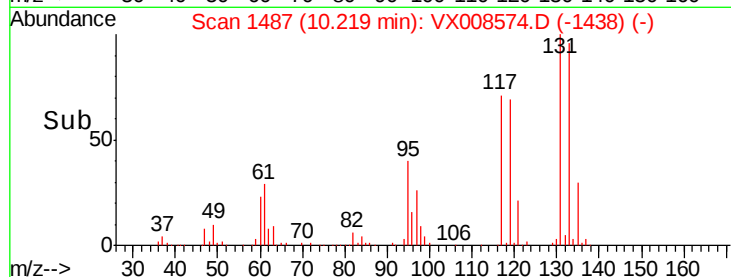
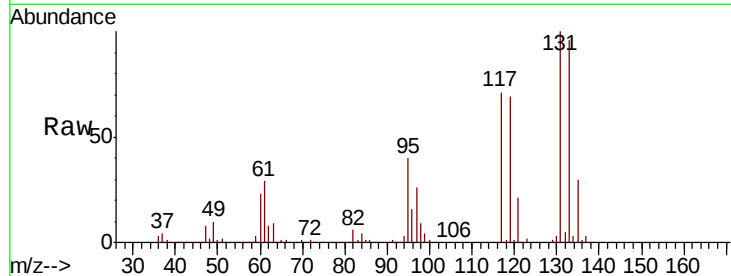




#66
 1,1,1,2-Tetrachloroethane
 Concen: 49.474 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VX008574.D
 Acq: 01 Apr 2019 17:20

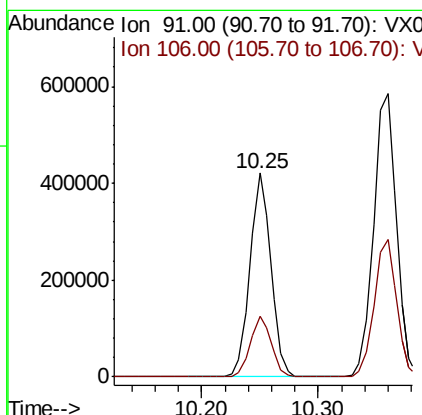
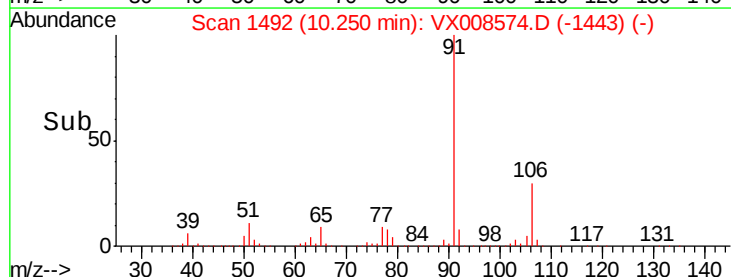
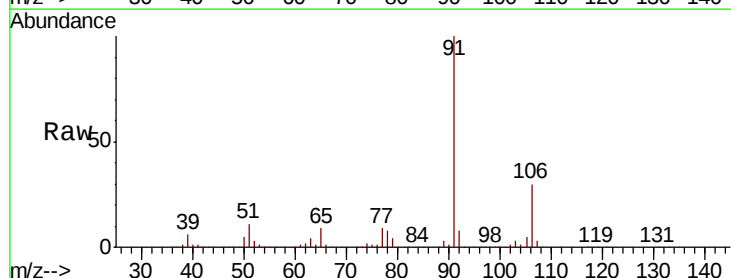
Instrument :
 MSVOA_X
 ClientSampleId :

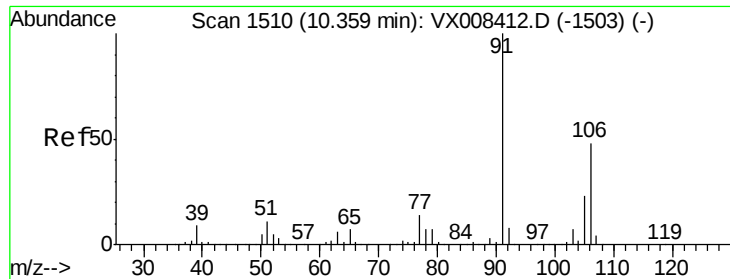
Tot Ion:131 Resp: 102242
 Ion Ratio Lower Upper
 131 100
 133 96.1 47.3 141.8
 119 68.8 33.6 100.6



#67
 Ethyl Benzene
 Concen: 46.978 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: VX008574.D
 Acq: 01 Apr 2019 17:20

Tgt Ion: 91 Resp: 531075
 Ion Ratio Lower Upper
 91 100
 106 29.5 24.0 36.0

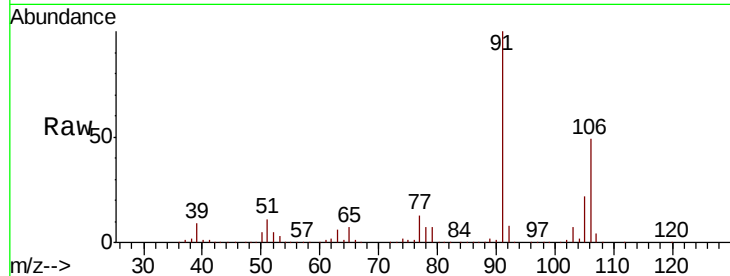




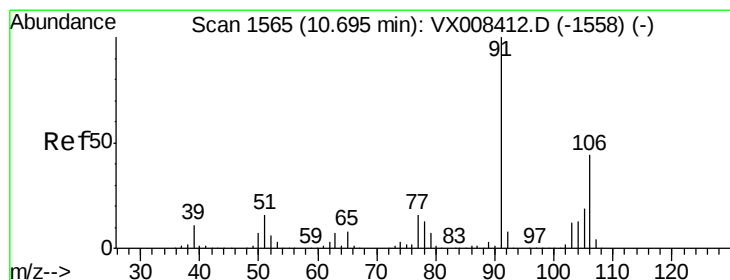
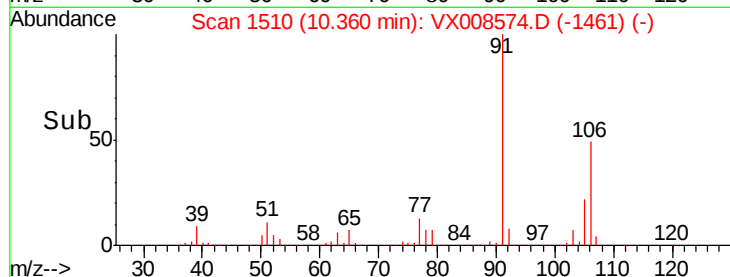
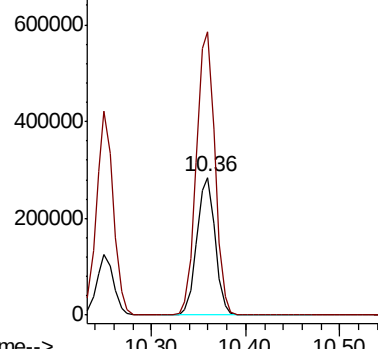
#68
m/p-Xylenes
Concen: 92.836 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX008574.D
Acq: 01 Apr 2019 17:20

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:106 Resp: 381800
Ion Ratio Lower Upper
106 100
91 209.2 168.6 253.0

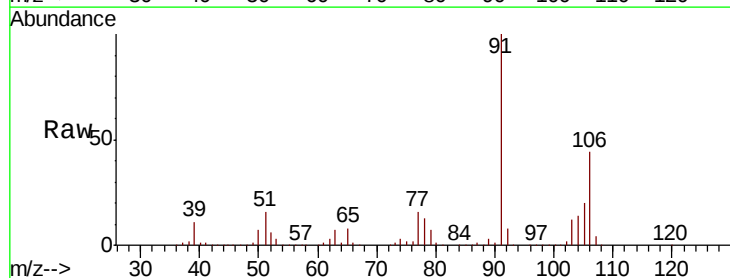


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

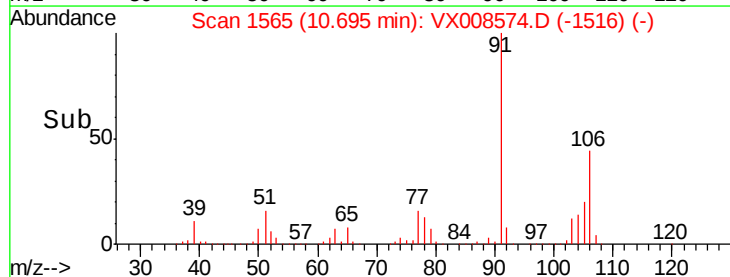
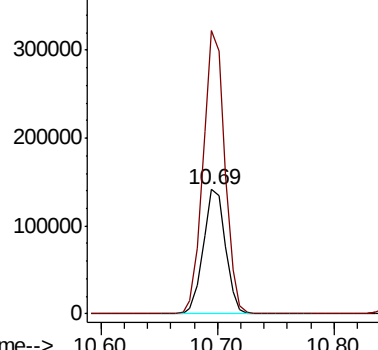


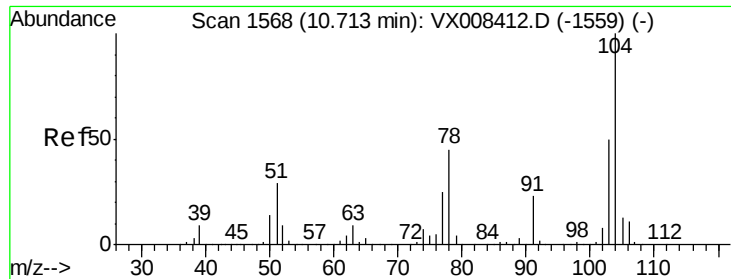
#69
o-Xylene
Concen: 47.233 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX008574.D
Acq: 01 Apr 2019 17:20

Tgt Ion:106 Resp: 188509
Ion Ratio Lower Upper
106 100
91 221.9 111.4 334.2



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

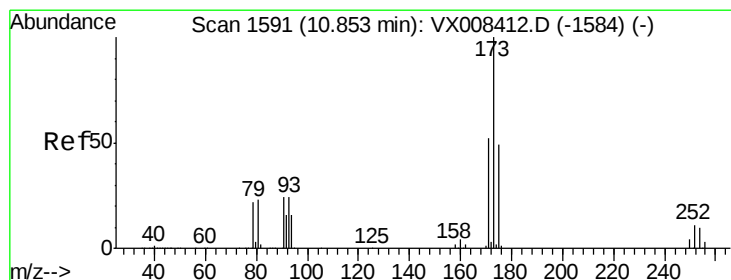
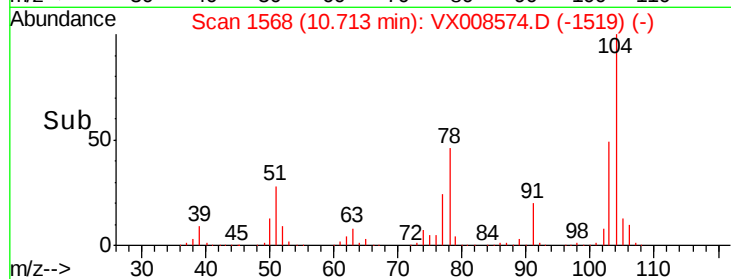
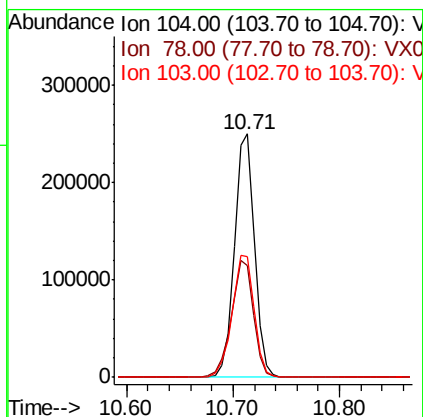
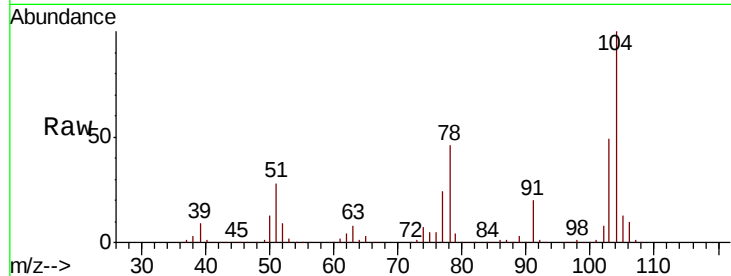




#70
Stvrene
Concen: 48.028 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX008574.D
Acq: 01 Apr 2019 17:20

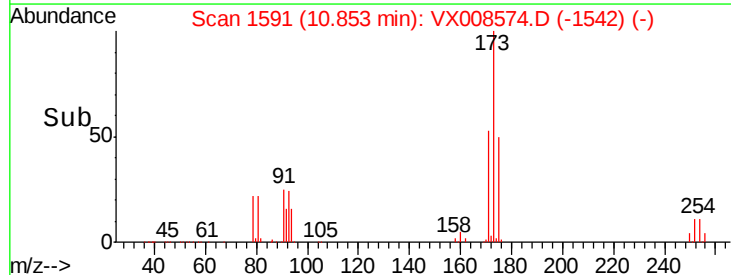
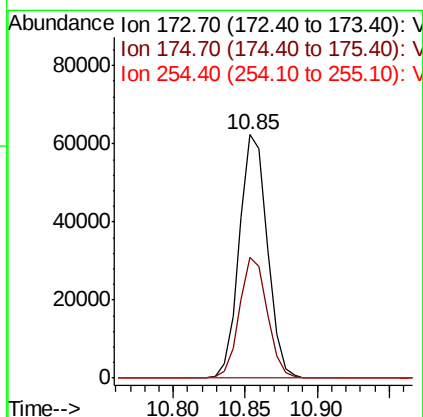
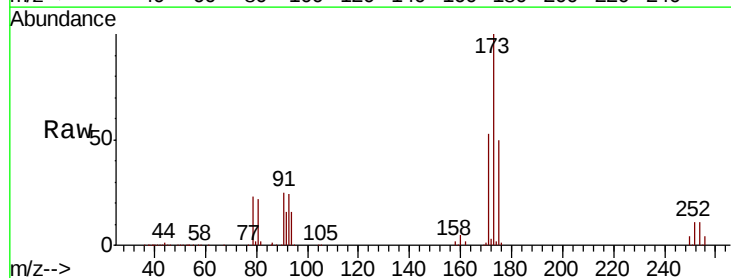
Instrument :
MSVOA_X
ClientSampleId :

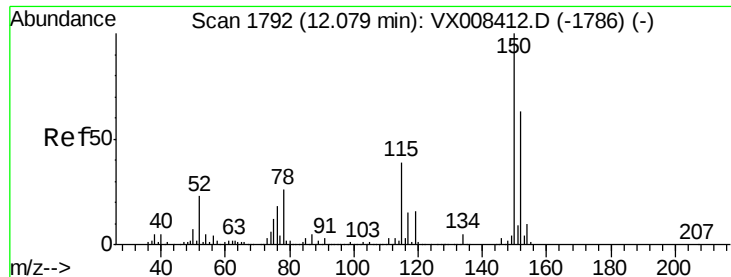
Tot Ion:104 Resp: 331103
Ion Ratio Lower Upper
104 100
78 52.6 42.5 63.7
103 55.2 44.2 66.4



#71
Bromoform
Concen: 51.506 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX008574.D
Acq: 01 Apr 2019 17:20

Tgt Ion:173 Resp: 84061
Ion Ratio Lower Upper
173 100
175 49.1 24.3 72.8
254 0.1 0.2 0.2#



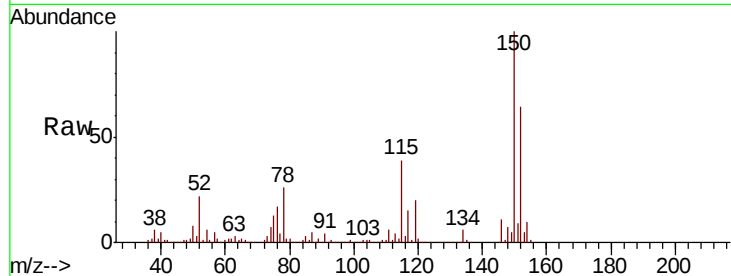


#72

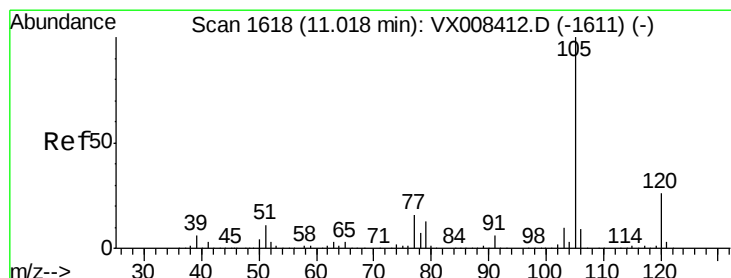
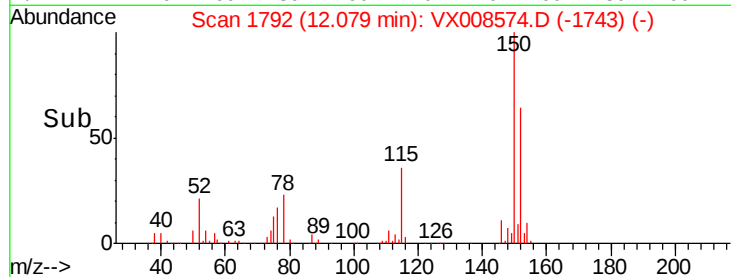
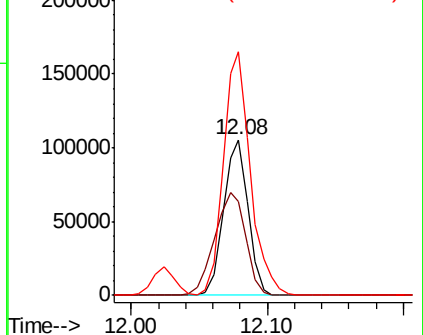
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX008574.D
Acq: 01 Apr 2019 17:20

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	84.2	43.5	130.5
150	172.9	0.0	348.8



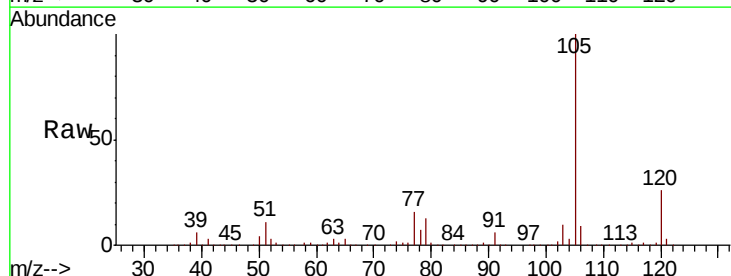
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



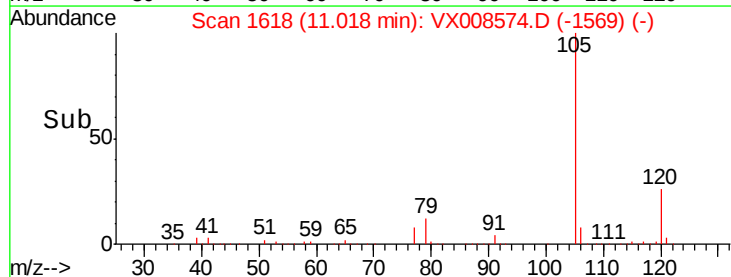
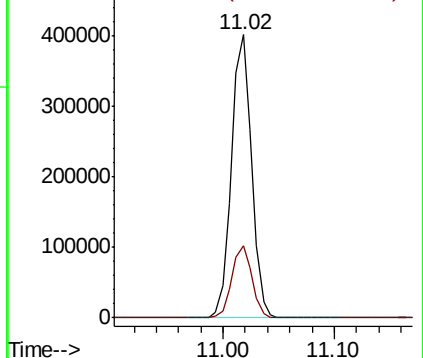
#73

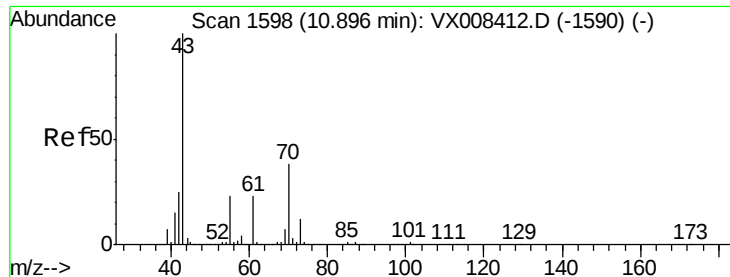
Isopropylbenzene
Concen: 46.979 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX008574.D
Acq: 01 Apr 2019 17:20

Tgt Ion	Ratio	Lower	Upper
105	100		
120	25.6	12.9	38.7



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





#74

N-amvl acetate

Concen: 49.282 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX008574.D

Acq: 01 Apr 2019 17:20

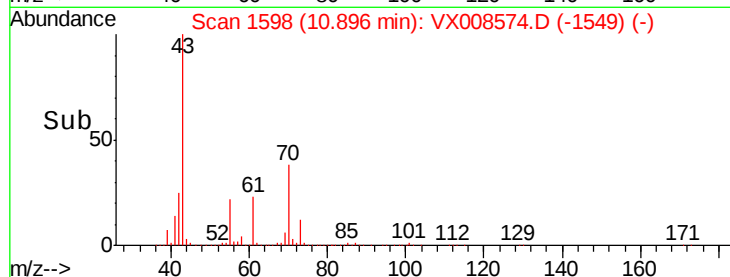
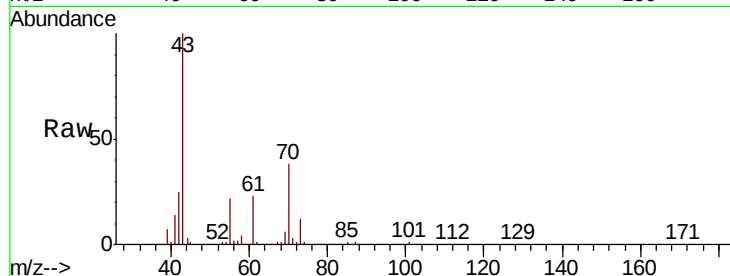
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 43 Resp: 302567

Ion	Ratio	Lower	Upper
43	100		
70	38.3	30.5	45.7
55	22.9	18.2	27.2
61	22.9	18.4	27.6

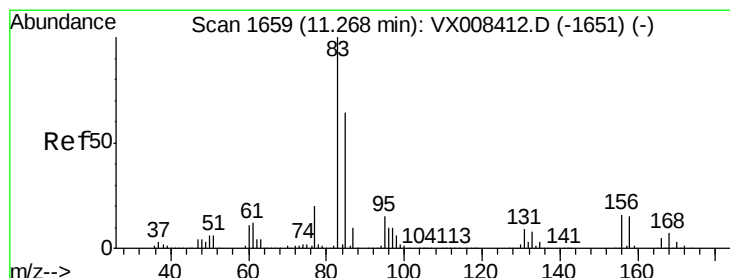


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 47.657 ug/l

RT: 11.27 min Scan# 1659

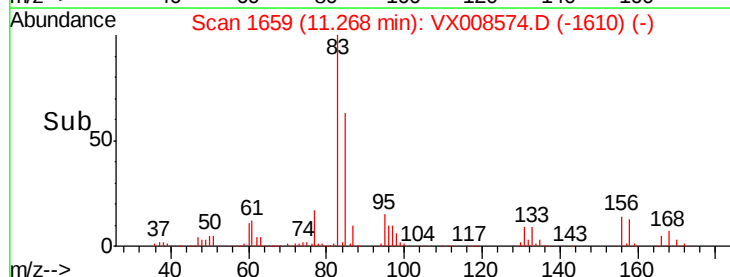
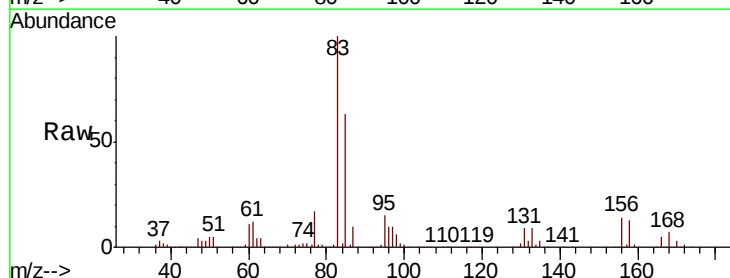
Delta R.T. 0.00 min

Lab File: VX008574.D

Acq: 01 Apr 2019 17:20

Tgt Ion: 83 Resp: 196134

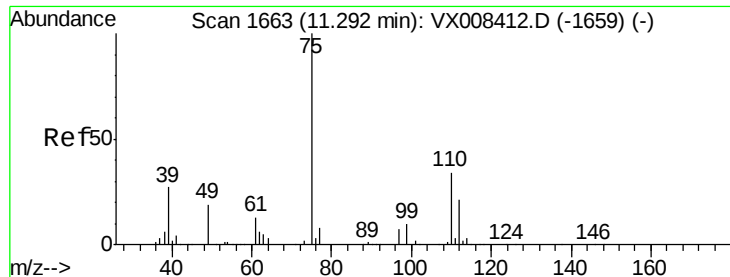
Ion	Ratio	Lower	Upper
83	100		
131	9.0	4.5	13.4
85	63.3	31.9	95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

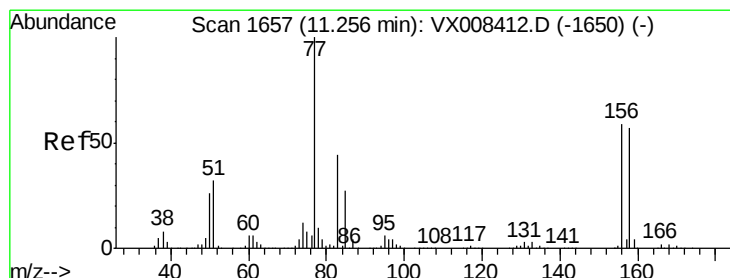
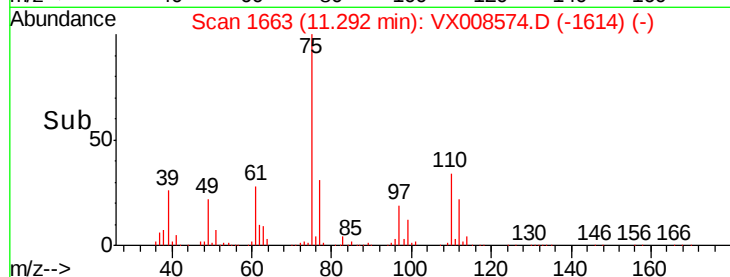
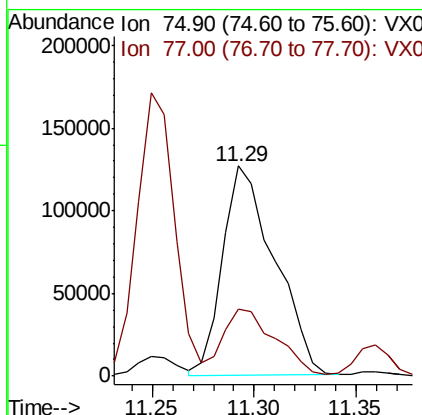
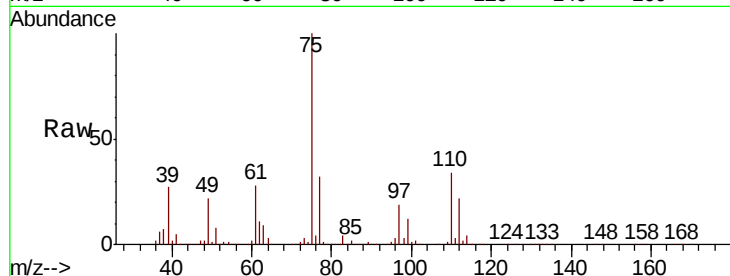
Ion 84.90 (84.60 to 85.60): VX0



#76
 1,2,3-Trichloropropane
 Concen: 57.696 ug/l
 RT: 11.29 min Scan# 1663
 Delta R.T. 0.00 min
 Lab File: VX008574.D
 Acq: 01 Apr 2019 17:20

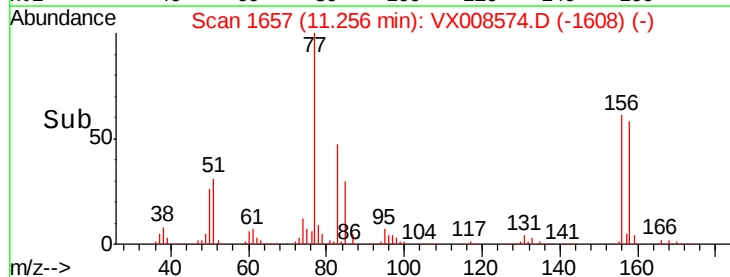
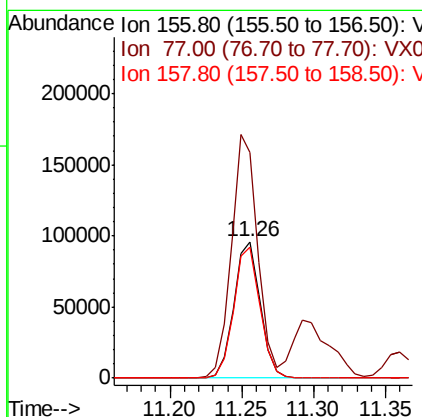
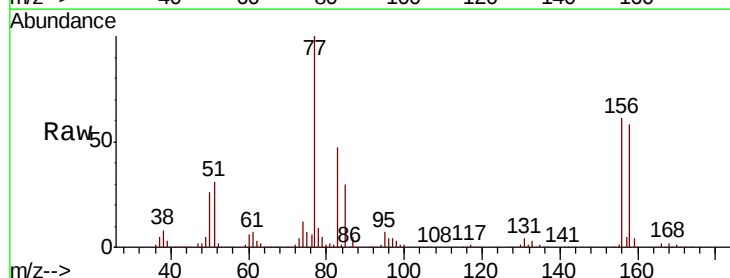
Instrument :
 MSVOA_X
 ClientSampleId :

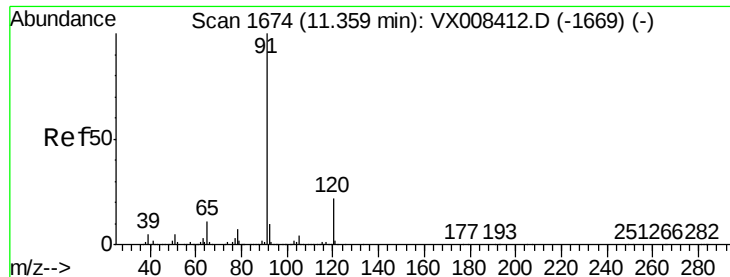
Tot Ion: 75 Resp: 223638
 Ion Ratio Lower Upper
 75 100
 77 32.4 21.9 65.7



#77
 Bromobenzene
 Concen: 47.578 ug/l
 RT: 11.26 min Scan# 1657
 Delta R.T. 0.00 min
 Lab File: VX008574.D
 Acq: 01 Apr 2019 17:20

Tgt Ion: 156 Resp: 122483
 Ion Ratio Lower Upper
 156 100
 77 178.4 91.1 273.3
 158 96.1 48.3 144.8





#78

n-propylbenzene

Concen: 46.404 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX008574.D

Acq: 01 Apr 2019 17:20

Instrument :

MSVOA_X

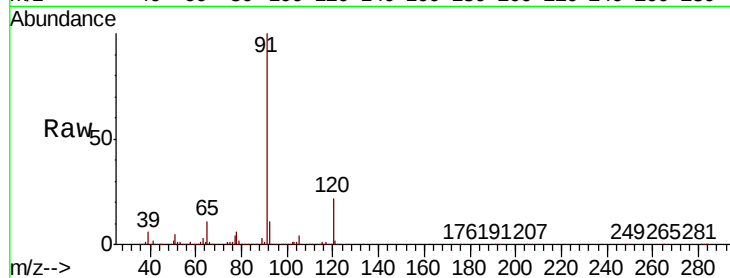
ClientSampled :

Tot Ion: 91 Resp: 576594

Ion Ratio Lower Upper

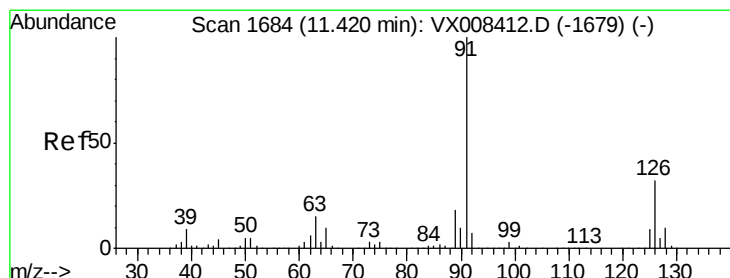
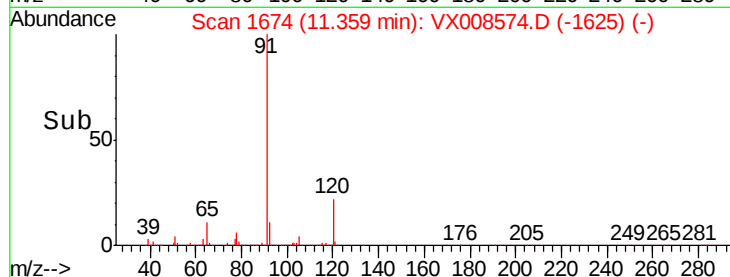
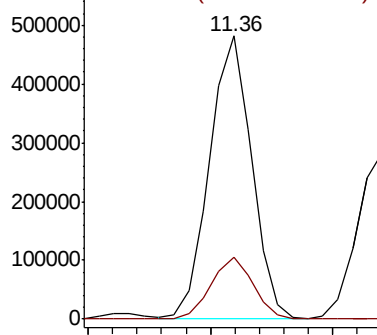
91 100

120 22.0 10.8 32.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 46.412 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX008574.D

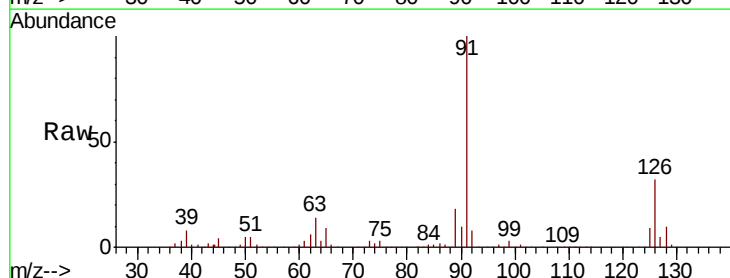
Acq: 01 Apr 2019 17:20

Tgt Ion: 91 Resp: 350765

Ion Ratio Lower Upper

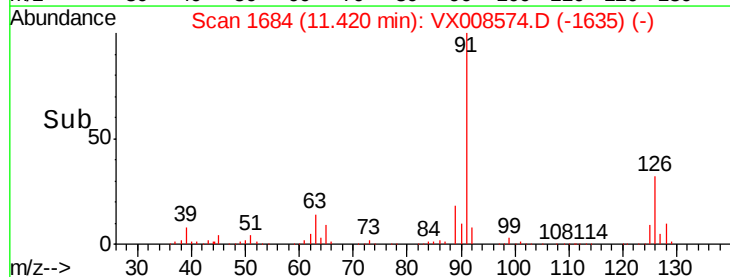
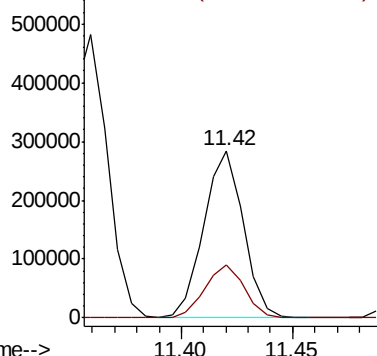
91 100

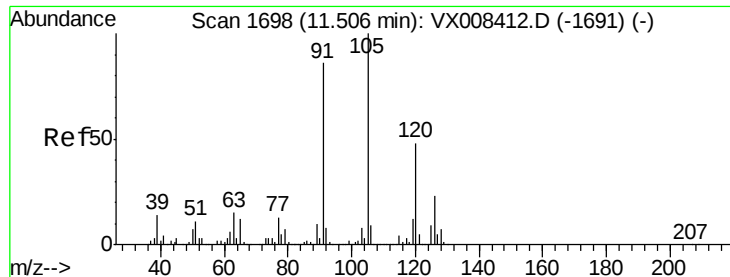
126 31.8 15.7 47.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

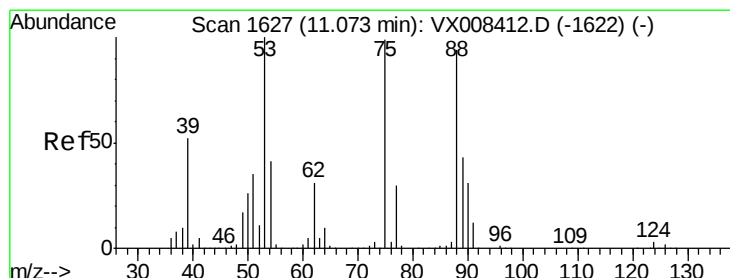
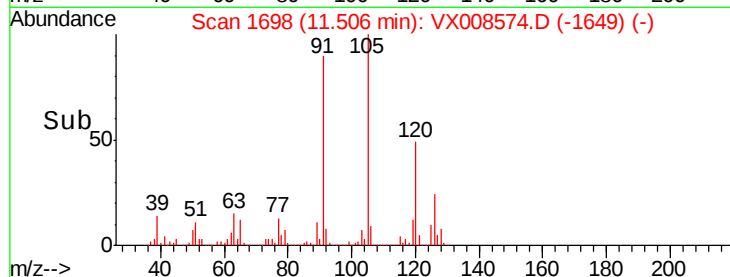
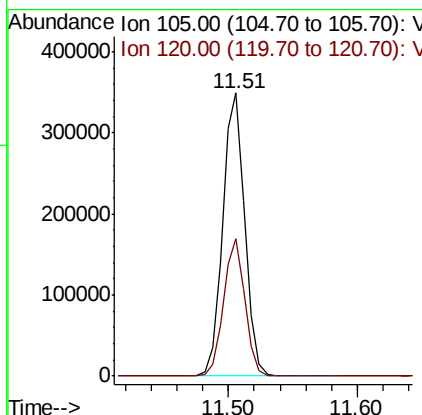
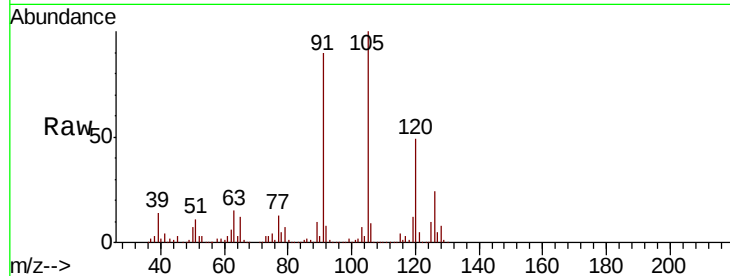




#80
 1,3,5-Trimethylbenzene
 Concen: 46.681 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX008574.D
 Acq: 01 Apr 2019 17:20

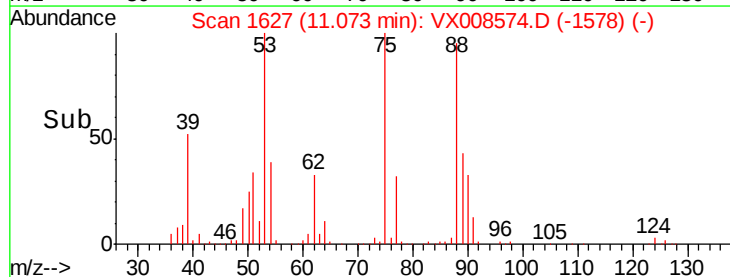
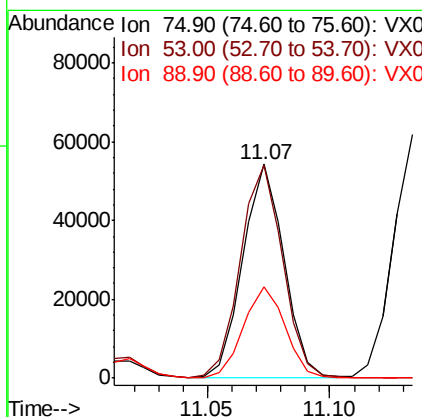
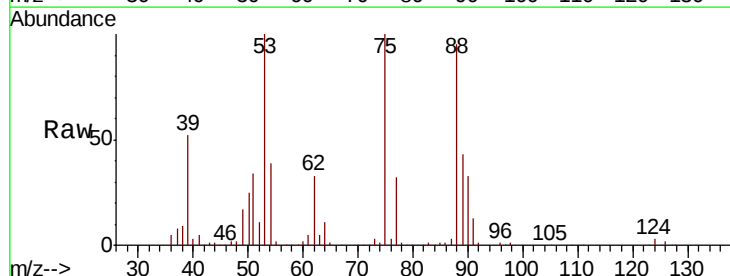
Instrument :
 MSVOA_X
 ClientSampleId :

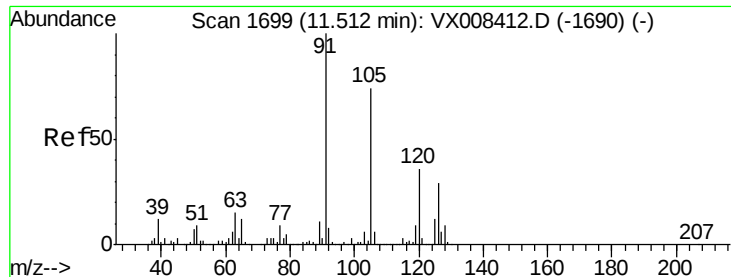
Tot Ion:105 Resp: 418614
 Ion Ratio Lower Upper
 105 100
 120 47.3 23.4 70.3



#81
 trans-1,4-Dichloro-2-butene
 Concen: 52.814 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VX008574.D
 Acq: 01 Apr 2019 17:20

Tgt Ion: 75 Resp: 63916
 Ion Ratio Lower Upper
 75 100
 53 102.0 82.1 123.1
 89 43.0 34.6 52.0

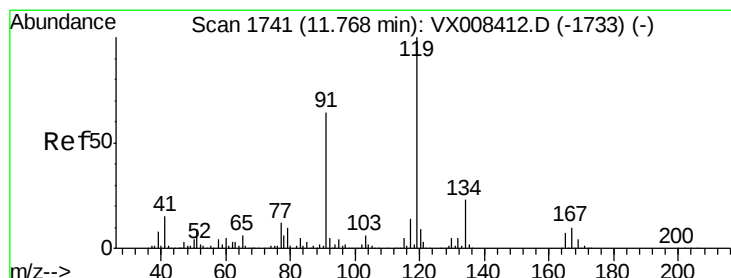
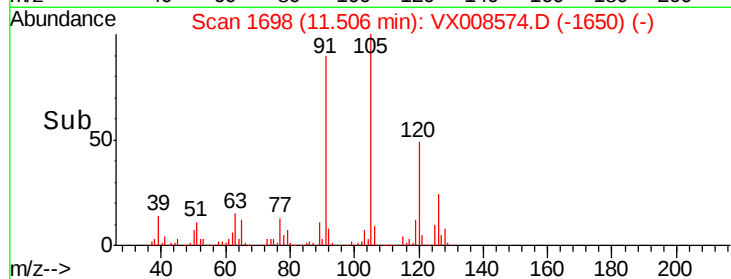
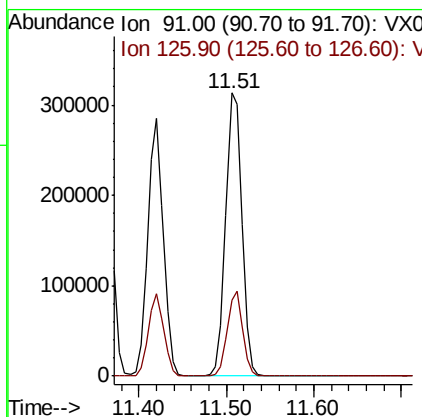
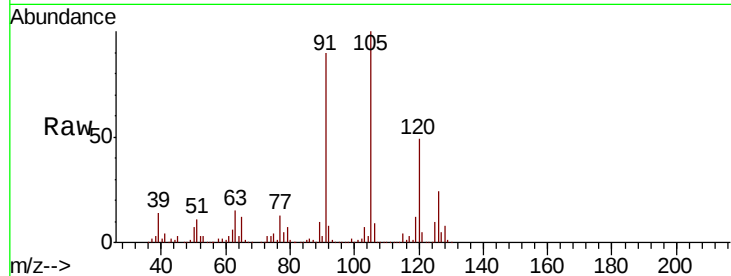




#82
4-Chlorotoluene
Concen: 46.107 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX008574.D
Acq: 01 Apr 2019 17:20

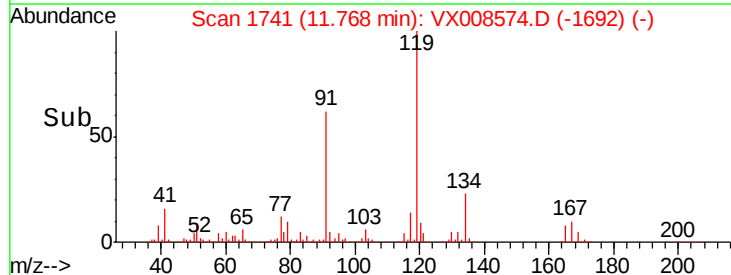
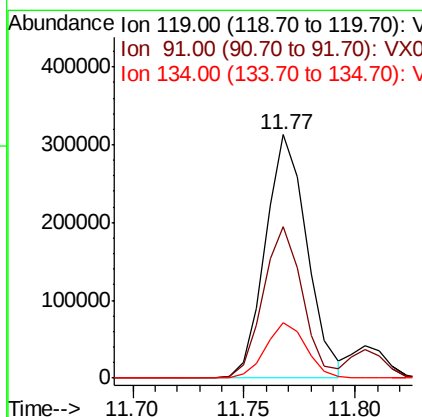
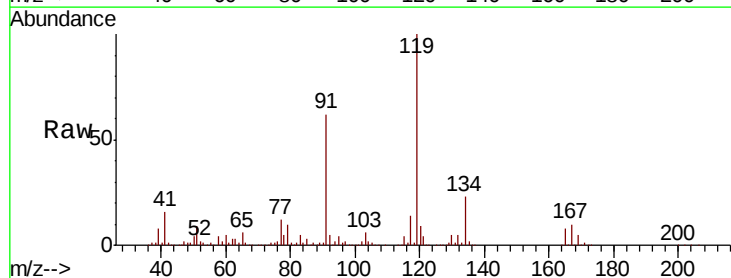
Instrument :
MSVOA_X
ClientSampleId :

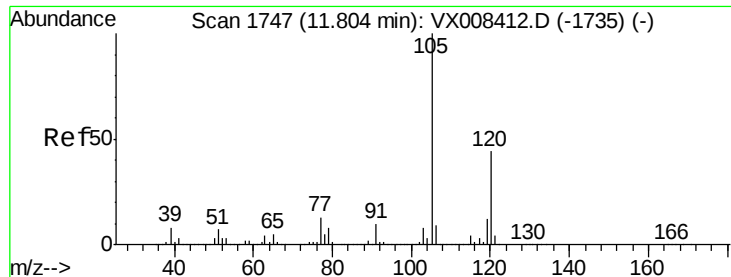
Tot Ion: 91 Resp: 401952
Ion Ratio Lower Upper
91 100
126 28.2 13.9 41.7



#83
tert-Butylbenzene
Concen: 46.962 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX008574.D
Acq: 01 Apr 2019 17:20

Tgt Ion: 119 Resp: 406309
Ion Ratio Lower Upper
119 100
91 59.4 30.1 90.3
134 22.1 10.9 32.9

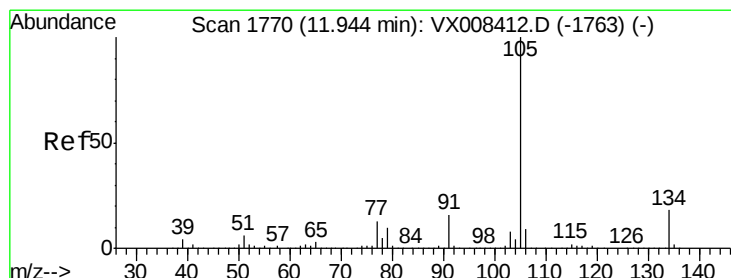
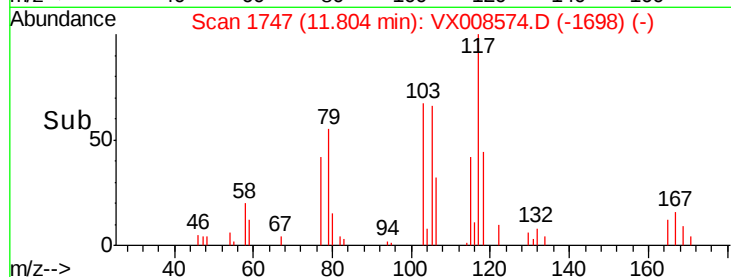
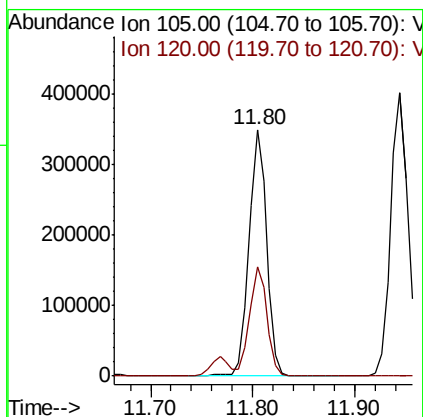
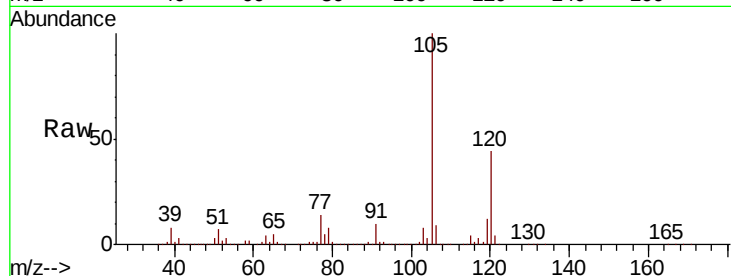




#84
1,2,4-Trimethylbenzene
Concen: 46.620 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX008574.D
Acq: 01 Apr 2019 17:20

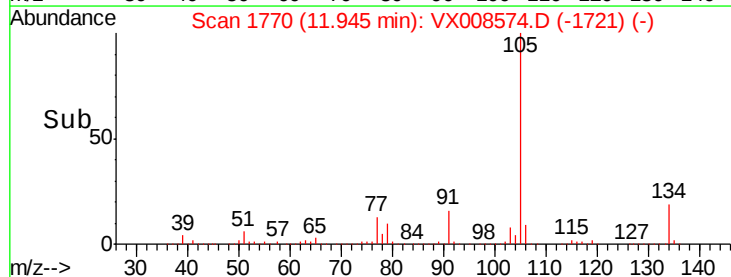
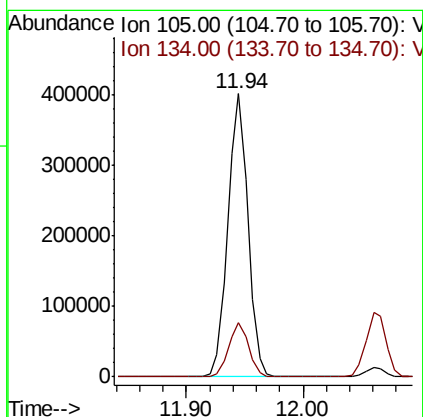
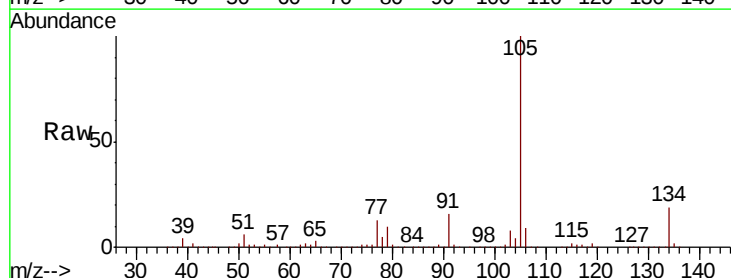
Instrument :
MSVOA_X
ClientSampled :

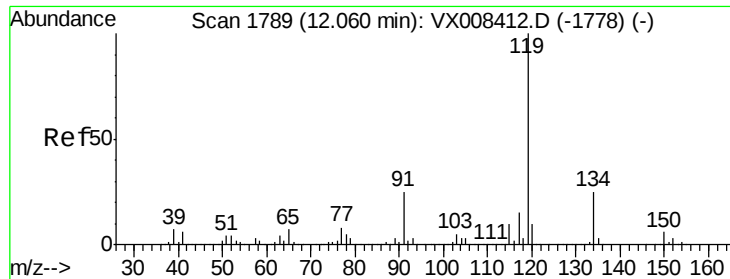
Tot Ion:105 Resp: 422853
Ion Ratio Lower Upper
105 100
120 44.2 21.6 65.0



#85
sec-Butylbenzene
Concen: 46.482 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. 0.00 min
Lab File: VX008574.D
Acq: 01 Apr 2019 17:20

Tgt Ion:105 Resp: 478908
Ion Ratio Lower Upper
105 100
134 19.1 9.3 28.0

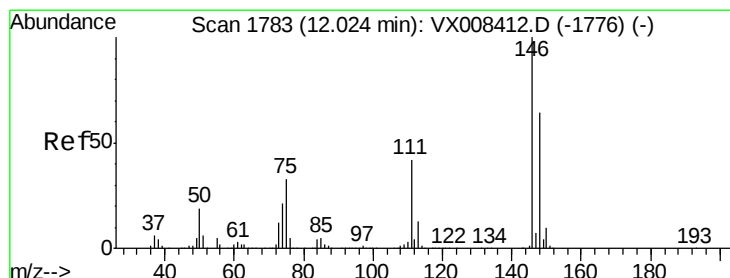
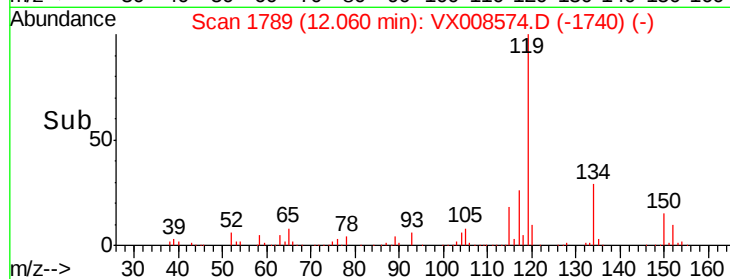
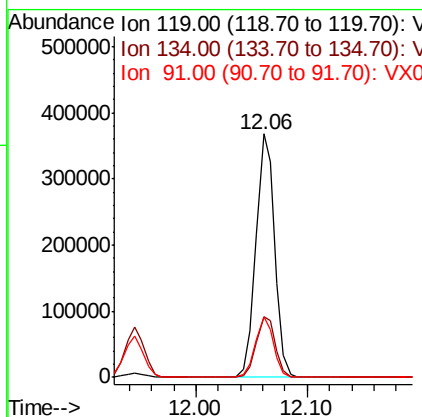
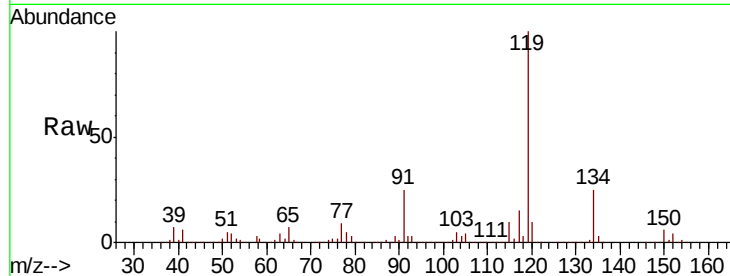




#86
 p-Isopropyltoluene
 Concen: 47.375 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX008574.D
 Acq: 01 Apr 2019 17:20

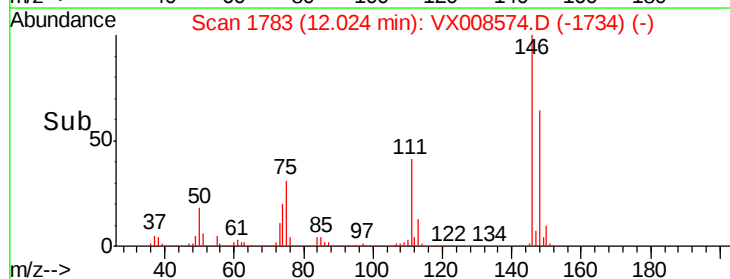
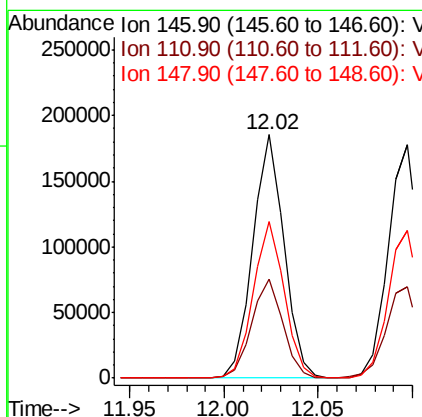
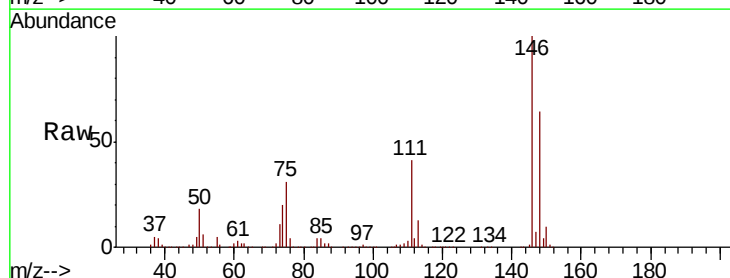
Instrument :
 MSVOA_X
 ClientSampleId :

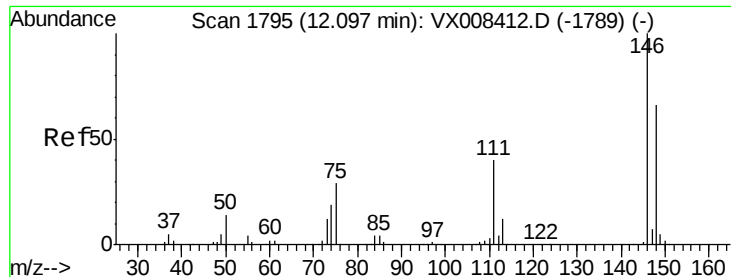
Tot Ion:119 Resp: 430700
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.8 38.4
 91 24.2 12.4 37.0



#87
 1,3-Dichlorobenzene
 Concen: 46.335 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX008574.D
 Acq: 01 Apr 2019 17:20

Tgt Ion:146 Resp: 213122
 Ion Ratio Lower Upper
 146 100
 111 41.1 20.8 62.5
 148 63.9 32.0 96.0





#88

1,4-Dichlorobenzene

Concen: 45.790 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX008574.D

Acq: 01 Apr 2019 17:20

Instrument :

MSVOA_X

ClientSampleId :

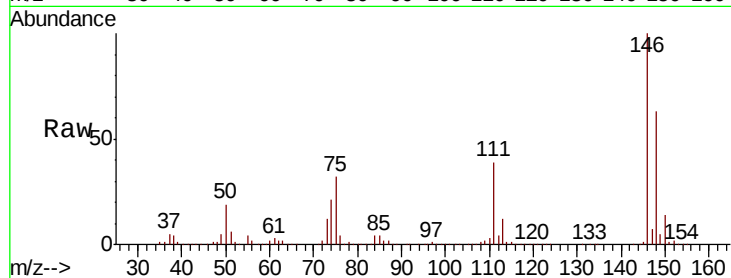
Tot Ion:146 Resp: 212561

Ion Ratio Lower Upper

146 100

111 40.6 20.3 61.0

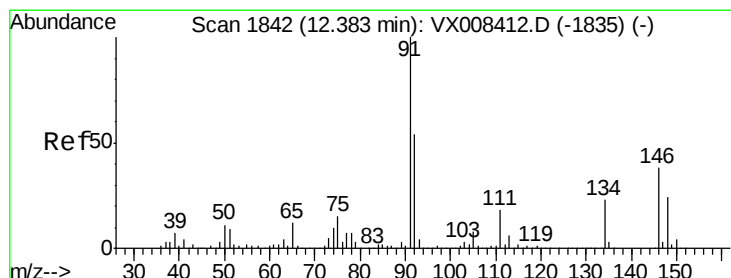
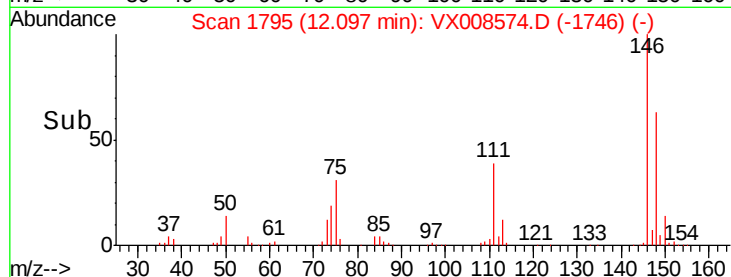
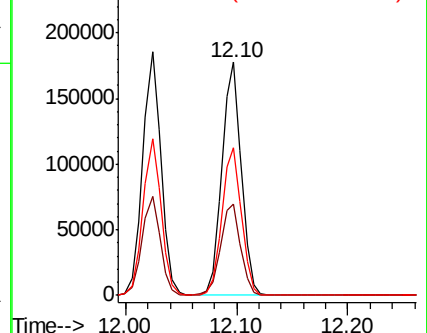
148 64.1 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 46.434 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX008574.D

Acq: 01 Apr 2019 17:20

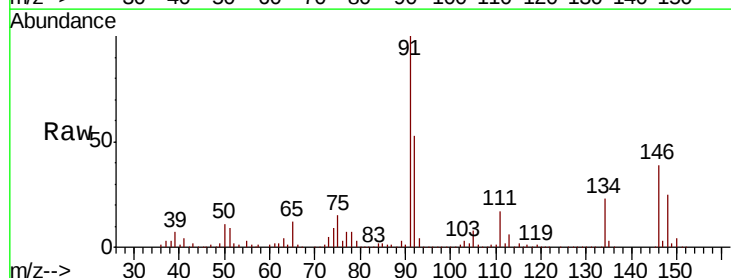
Tgt Ion: 91 Resp: 399899

Ion Ratio Lower Upper

91 100

92 53.0 26.5 79.5

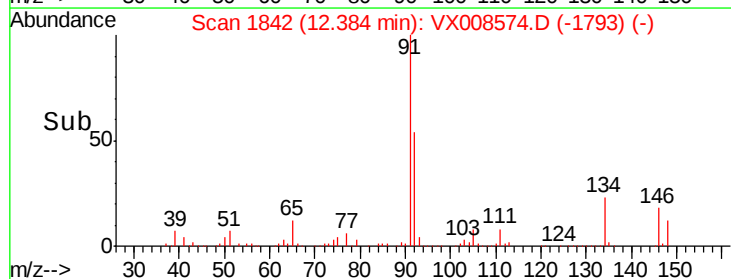
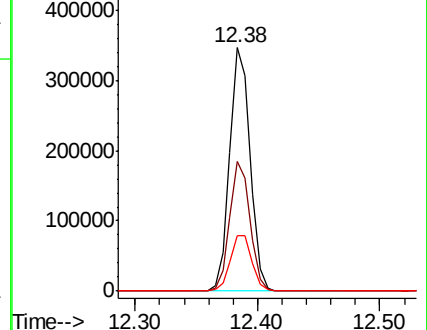
134 24.2 11.8 35.4

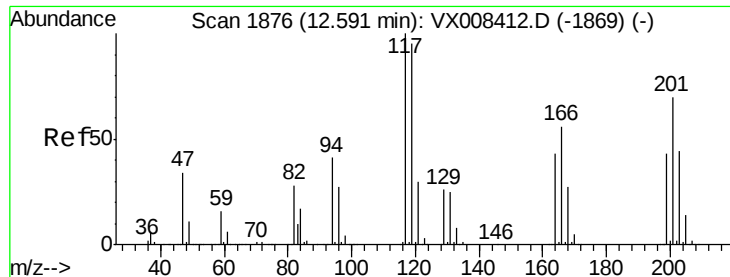


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V

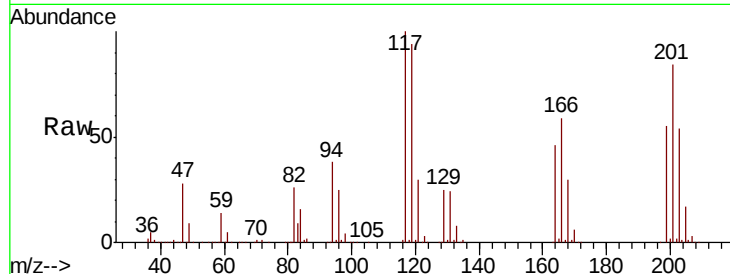




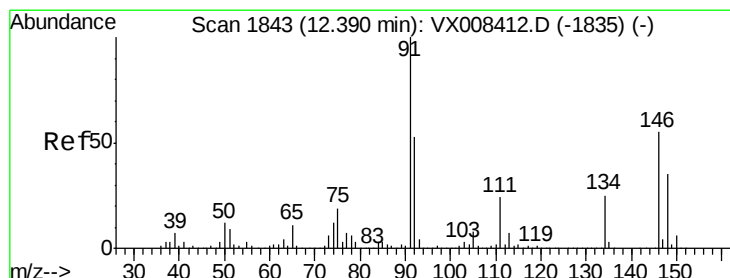
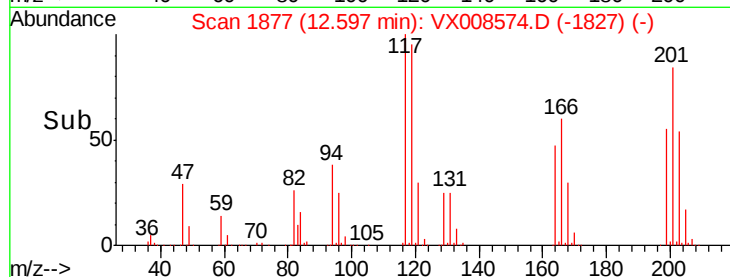
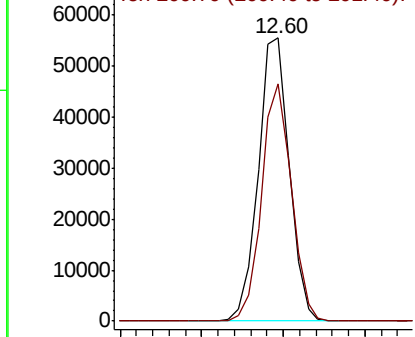
#90
Hexachloroethane
Concen: 48.354 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.01 min
Lab File: VX008574.D
Acq: 01 Apr 2019 17:20

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 73237
Ion Ratio Lower Upper
117 100
201 80.3 39.4 118.1

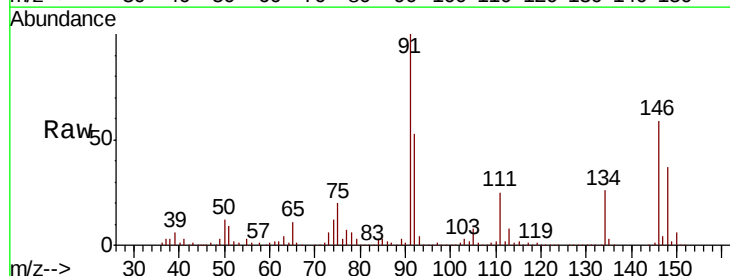


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

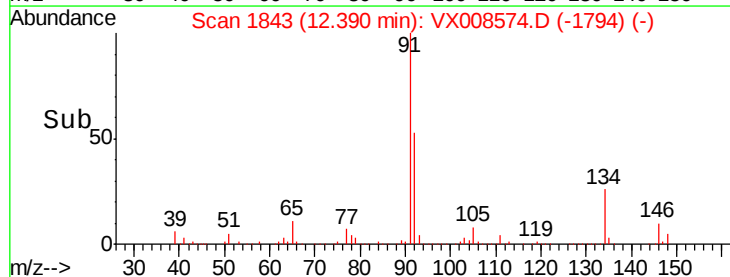
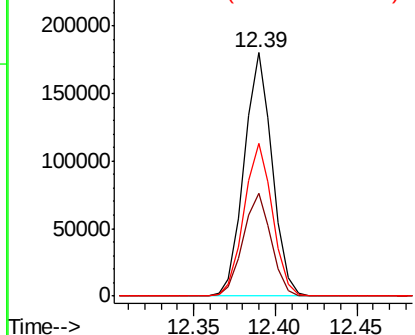


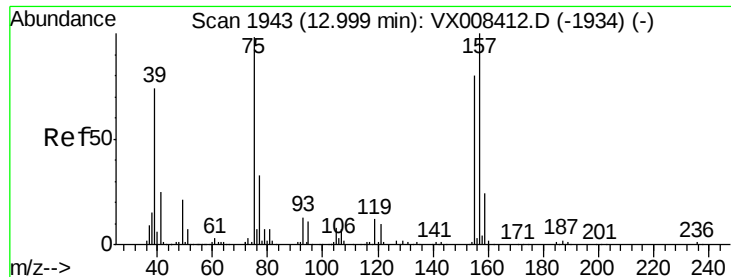
#91
1,2-Dichlorobenzene
Concen: 46.757 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX008574.D
Acq: 01 Apr 2019 17:20

Tgt Ion:146 Resp: 215368
Ion Ratio Lower Upper
146 100
111 42.5 21.6 64.6
148 64.0 31.9 95.7



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





#92

1,2-Dibromo-3-Chloropropane

Concen: 48.852 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX008574.D

Acq: 01 Apr 2019 17:20

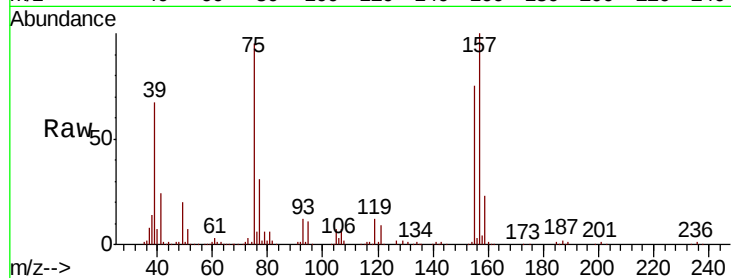
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 75 Resp: 43838

Ion	Ratio	Lower	Upper
75	100		
155	78.9	39.5	118.5
157	100.9	49.9	149.7

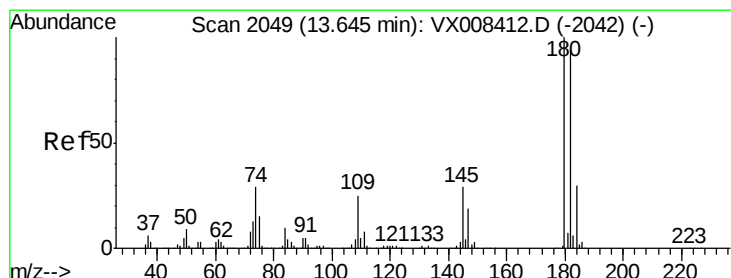
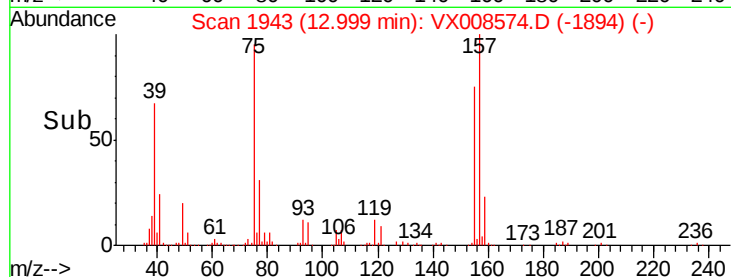
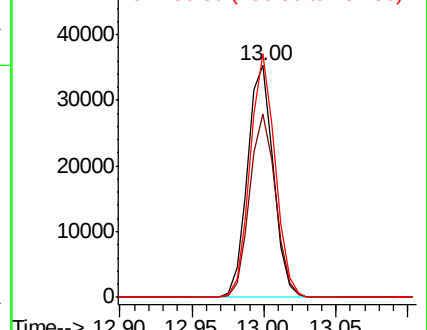


Abundance

Ion 74.90 (74.60 to 75.60): VX008574.D (-1934) (-)

Ion 154.80 (154.50 to 155.50): VX008574.D (-1934) (-)

Ion 156.80 (156.50 to 157.50): VX008574.D (-1934) (-)



#93

1,2,4-Trichlorobenzene

Concen: 47.002 ug/l

RT: 13.65 min Scan# 2049

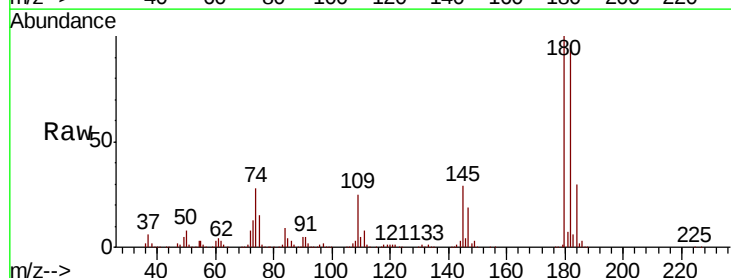
Delta R.T. 0.00 min

Lab File: VX008574.D

Acq: 01 Apr 2019 17:20

Tgt Ion: 180 Resp: 145760

Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.3	142.0
145	29.9	15.3	45.8

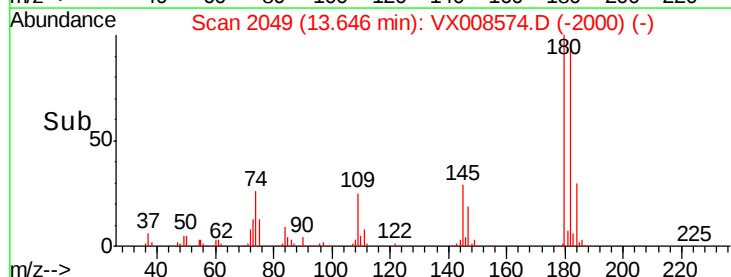
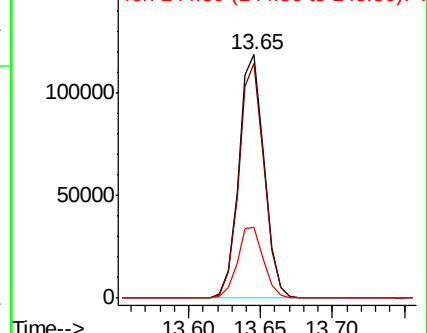


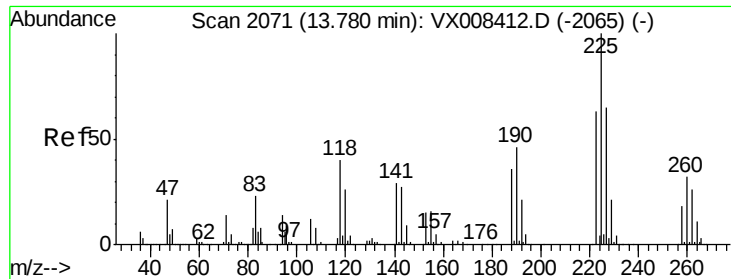
Abundance

Ion 179.80 (179.50 to 180.50): VX008574.D (-2042) (-)

Ion 181.80 (181.50 to 182.50): VX008574.D (-2042) (-)

Ion 144.80 (144.50 to 145.50): VX008574.D (-2042) (-)





#94

Hexachlorobutadiene

Concen: 46.433 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. 0.00 min

Lab File: VX008574.D

Acq: 01 Apr 2019 17:20

Instrument :

MSVOA_X

ClientSampleId :

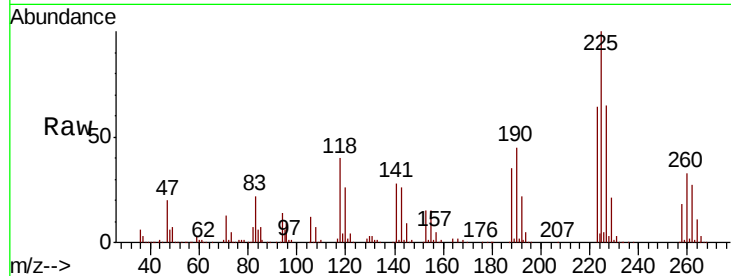
Tot Ion:225 Resp: 68373

Ion Ratio Lower Upper

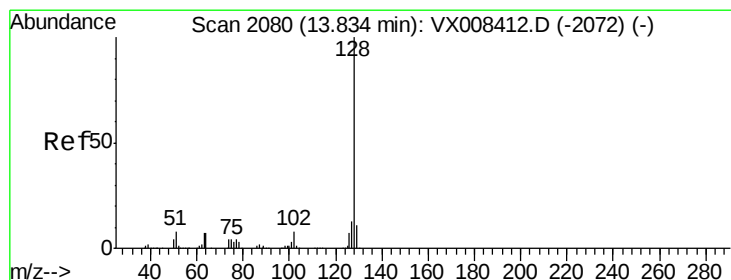
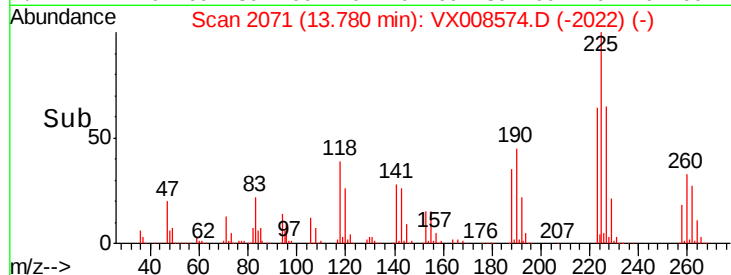
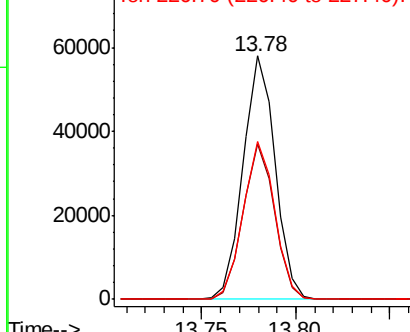
225 100

223 62.9 31.4 94.0

227 64.4 31.9 95.9



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: 47.978 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX008574.D

Acq: 01 Apr 2019 17:20

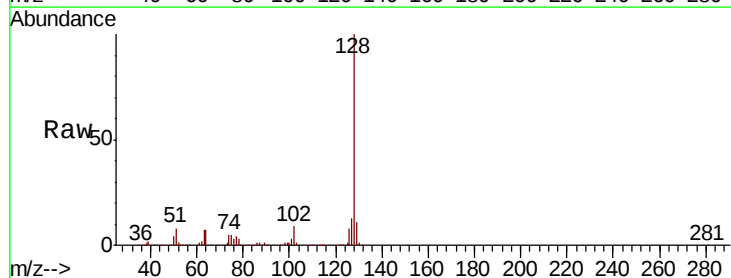
Tgt Ion:128 Resp: 510107

Ion Ratio Lower Upper

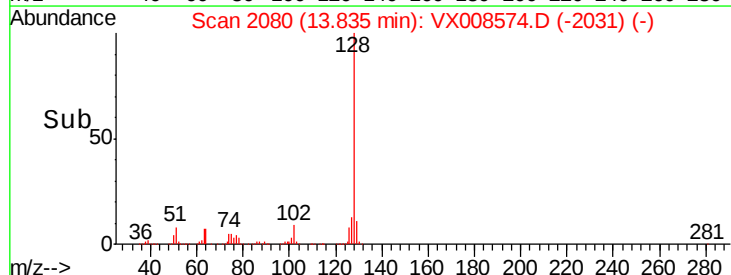
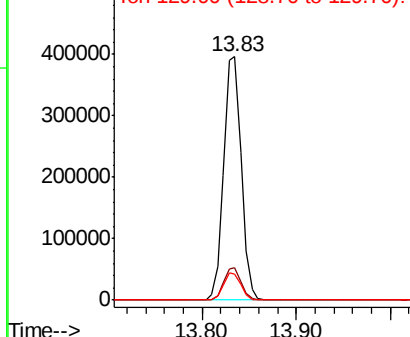
128 100

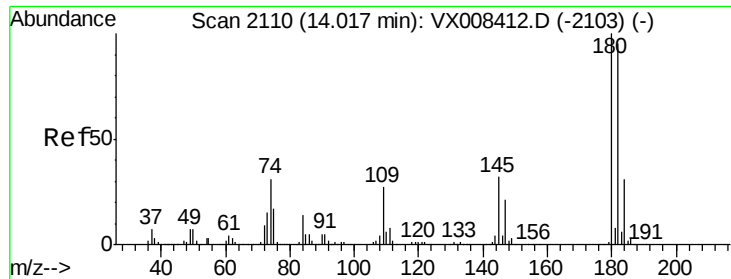
127 13.1 10.4 15.6

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

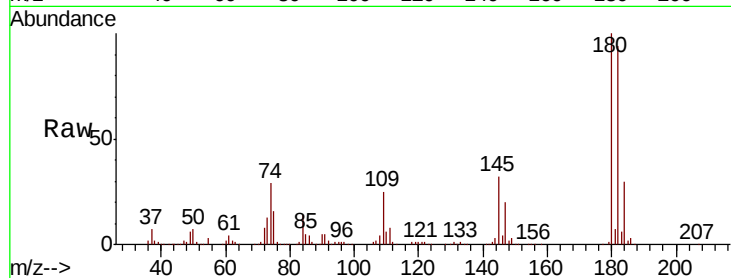




#96
 1,2,3-Trichlorobenzene
 Concen: 47.429 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. 0.00 min
 Lab File: VX008574.D
 Acq: 01 Apr 2019 17:20

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.3	142.0
145	32.4	16.2	48.5



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

