

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041519\
 Data File : VX008951.D
 Acq On : 15 Apr 2019 10:22
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Apr 16 01:43:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 16 01:38:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	239636	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	384492	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	340847	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	160174	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	17905	5.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.44%	
35) Dibromofluoromethane	5.50	113	12564	5.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.30%	
50) Toluene-d8	8.71	98	49746	5.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.24%	
62) 4-Bromofluorobenzene	11.13	95	17048	4.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.90%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	11561	4.176	ug/l 100
3) Chloromethane	1.33	50	16071	4.271	ug/l 100
4) Vinyl Chloride	1.41	62	15833	4.336	ug/l 99
5) Bromomethane	1.64	94	9803	4.863	ug/l 97
6) Chloroethane	1.72	64	10149	4.182	ug/l 98
7) Trichlorofluoromethane	1.93	101	19042	4.694	ug/l 99
8) Diethyl Ether	2.19	74	8930	4.677	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	12513	4.816	ug/l 99
10) Methyl Iodide	2.51	142	8698	3.940	ug/l 99
11) Tert butyl alcohol	3.05	59	19064	23.888	ug/l 96
12) 1,1-Dichloroethene	2.37	96	12789	4.702	ug/l 97
13) Acrolein	2.29	56	15654	34.230	ug/l 98
14) Allyl chloride	2.73	41	27743	4.472	ug/l 97
15) Acrylonitrile	3.14	53	47604	22.545	ug/l 98
16) Acetone	2.45	43	44059	22.636	ug/l 99
17) Carbon Disulfide	2.57	76	35858	4.107	ug/l 99
18) Methyl Acetate	2.78	43	23064	4.843	ug/l 98
19) Methyl tert-butyl Ether	3.20	73	45881	4.739	ug/l 100
20) Methylene Chloride	2.86	84	15348	4.670	ug/l 90
21) trans-1,2-Dichloroethene	3.17	96	13337	4.528	ug/l 96
22) Diisopropyl ether	3.86	45	56872	4.767	ug/l 93
23) Vinyl Acetate	3.82	43	236452	22.741	ug/l 99
24) 1,1-Dichloroethane	3.70	63	28319	4.797	ug/l 97
25) 2-Butanone	4.68	43	70474	22.796	ug/l 97
26) 2,2-Dichloropropane	4.59	77	20386	4.865	ug/l 98
27) cis-1,2-Dichloroethene	4.60	96	15600	4.625	ug/l 98
28) Bromochloromethane	5.02	49	12991	4.674	ug/l 96
29) Tetrahydrofuran	5.13	42	46590	22.625	ug/l 99
30) Chloroform	5.21	83	24949	4.723	ug/l 97
31) Cyclohexane	5.58	56	27493	4.645	ug/l 97
32) 1,1,1-Trichloroethane	5.50	97	20290	4.741	ug/l 97
36) 1,1-Dichloropropene	5.80	75	20086	4.858	ug/l 99
37) Ethyl Acetate	4.84	43	27093	4.929	ug/l 96
38) Carbon Tetrachloride	5.79	117	16799	4.899	ug/l 99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041519\
 Data File : VX008951.D
 Acq On : 15 Apr 2019 10:22
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Apr 16 01:43:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 16 01:38:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	24862	4.862	ug/l	98
40) Benzene	6.14	78	60057	4.877	ug/l	100
41) Methacrylonitrile	5.05	41	14860	4.688	ug/l	97
42) 1,2-Dichloroethane	6.19	62	20980	4.754	ug/l	98
43) Isopropyl Acetate	6.45	43	41821	4.847	ug/l	98
44) Trichloroethene	7.21	130	14655	5.083	ug/l	100
45) 1,2-Dichloropropane	7.51	63	16779	4.790	ug/l	97
46) Dibromomethane	7.66	93	9558	4.689	ug/l	98
47) Bromodichloromethane	7.90	83	18078	4.703	ug/l	98
48) Methyl methacrylate	7.77	41	20838	4.786	ug/l	99
49) 1,4-Dioxane	7.74	88	7898	97.507	ug/l	95
51) 4-Methyl-2-Pentanone	8.64	43	137818	24.858	ug/l	100
52) Toluene	8.78	92	36410	5.016	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	20373	4.711	ug/l	95
54) cis-1,3-Dichloropropene	8.43	75	23456	4.761	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	14899	5.110	ug/l	95
56) Ethyl methacrylate	9.18	69	25619	4.873	ug/l	98
57) 1,3-Dichloropropane	9.37	76	26398	5.053	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	68640	25.323	ug/l	99
59) 2-Hexanone	9.49	43	105608	24.498	ug/l	100
60) Dibromochloromethane	9.58	129	13062	4.745	ug/l	99
61) 1,2-Dibromoethane	9.67	107	14795	4.876	ug/l	99
64) Tetrachloroethene	9.34	164	13831	5.501	ug/l	94
65) Chlorobenzene	10.13	112	37676	5.074	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	12906	4.956	ug/l	100
67) Ethyl Benzene	10.25	91	67429	4.883	ug/l	98
68) m/p-Xylenes	10.36	106	49918	10.040	ug/l	98
69) o-Xylene	10.69	106	23943	4.968	ug/l	100
70) Styrene	10.71	104	40711	4.900	ug/l	99
71) Bromoform	10.85	173	9466	4.736	ug/l #	100
73) Isopropylbenzene	11.02	105	64228	4.953	ug/l	99
74) N-amyl acetate	10.90	43	35049	4.597	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	22978	4.672	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	27570	6.417	ug/l	79
77) Bromobenzene	11.26	156	15645	4.991	ug/l	98
78) n-propylbenzene	11.36	91	72714	4.818	ug/l	98
79) 2-Chlorotoluene	11.42	91	43919	4.811	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	53032	4.880	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	6772	4.309	ug/l #	81
82) 4-Chlorotoluene	11.51	91	50074	4.737	ug/l	99
83) tert-Butylbenzene	11.77	119	50516	4.826	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	54551	4.955	ug/l	100
85) sec-Butylbenzene	11.94	105	61616	4.955	ug/l	100
86) p-Isopropyltoluene	12.06	119	56275	5.027	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	27355	4.877	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	27916	4.907	ug/l	95
89) n-Butylbenzene	12.38	91	51450	4.906	ug/l	99
90) Hexachloroethane	12.60	117	8697	4.679	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	27428	4.925	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	4916	4.530	ug/l	98

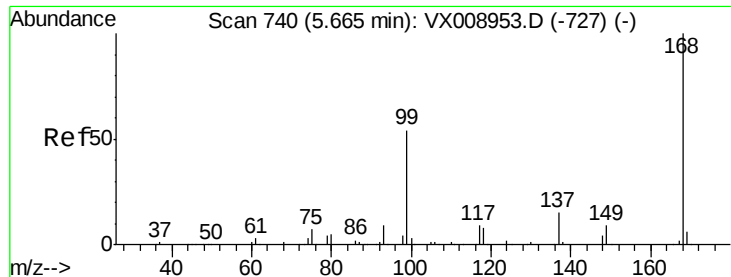
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041519\
Data File : VX008951.D
Acq On : 15 Apr 2019 10:22
Operator : JC/SP
Sample : VSTDICC005
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: Apr 16 01:43:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 16 01:38:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	18991	4.863	ug/l	99
94) Hexachlorobutadiene	13.78	225	10095	5.394	ug/l	98
95) Naphthalene	13.83	128	59479	4.600	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	19387	4.979	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX008951.D

Acq: 15 Apr 2019 10:22

Instrument :

MSVOA_X

ClientSampleId :

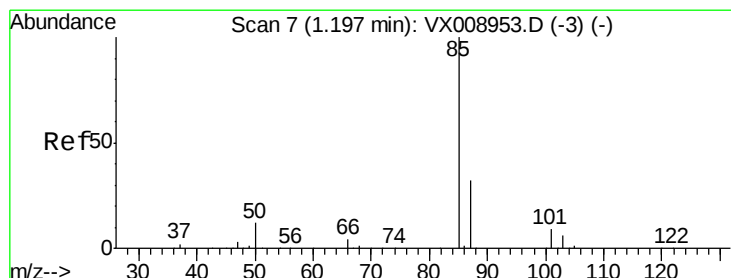
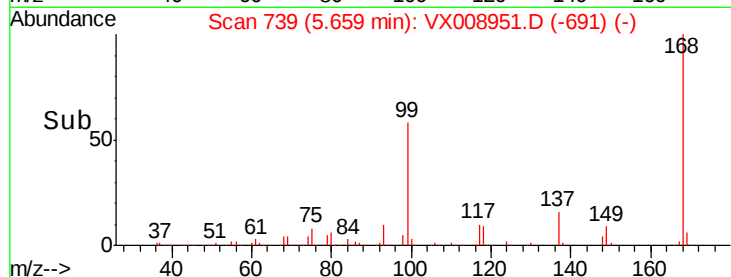
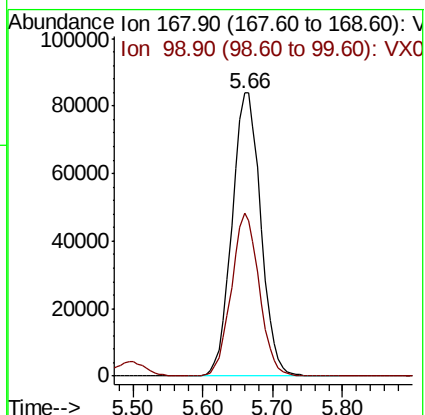
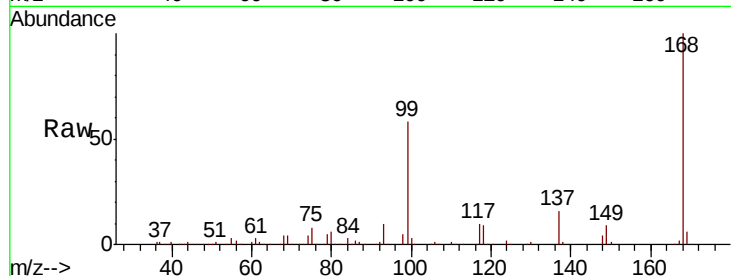
VSTDIC005

Tot Ion:168 Resp: 239636

Ion Ratio Lower Upper

168 100

99 57.6 43.0 64.6



#2

Dichlorodifluoromethane

Concen: 4.176 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX008951.D

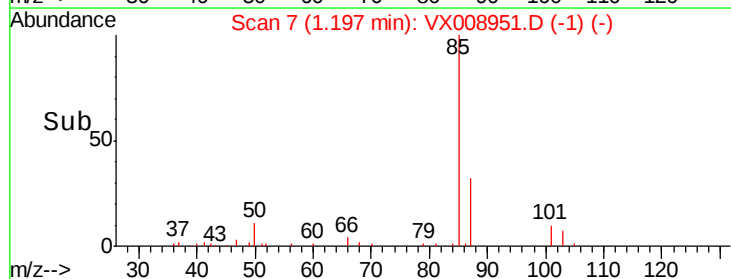
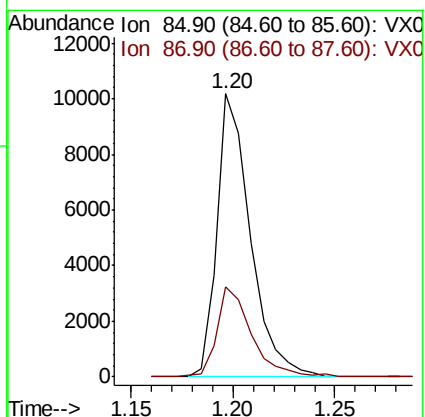
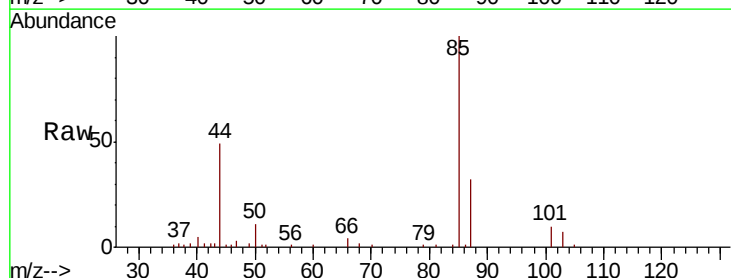
Acq: 15 Apr 2019 10:22

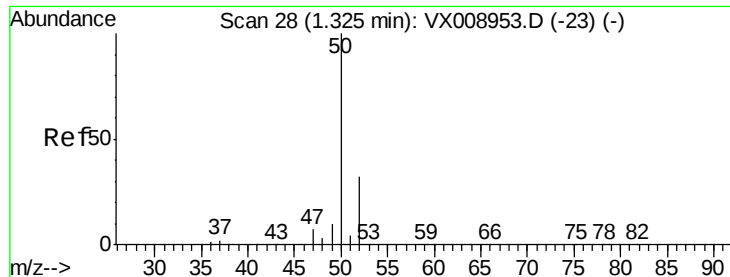
Tgt Ion: 85 Resp: 11561

Ion Ratio Lower Upper

85 100

87 32.0 16.0 47.9





#3

Chloromethane

Concen: 4.271 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX008951.D

Acq: 15 Apr 2019 10:22

Instrument :

MSVOA_X

ClientSampleId :

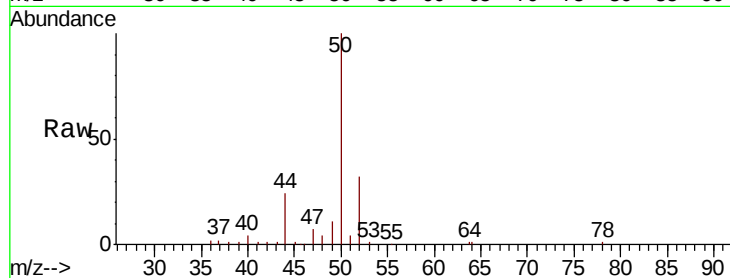
VSTDIC005

Tot Ion: 50 Resp: 16071

Ion Ratio Lower Upper

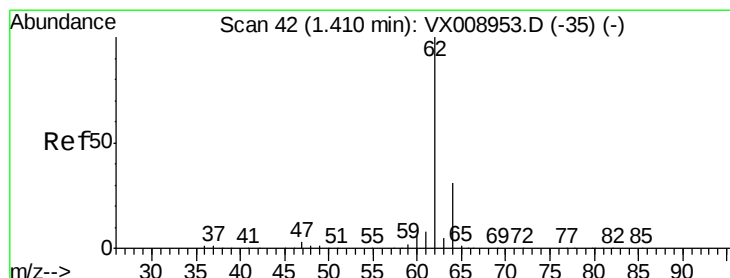
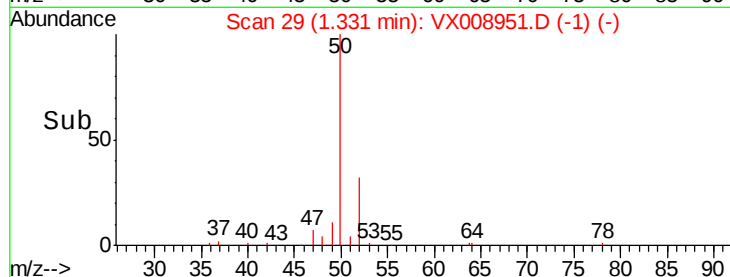
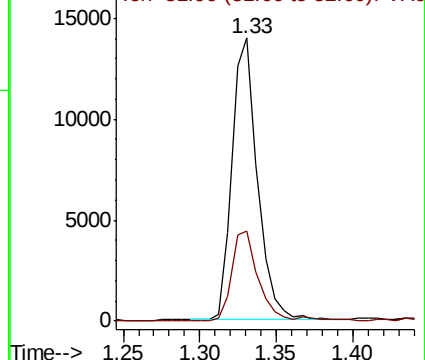
50 100

52 31.7 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 4.336 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX008951.D

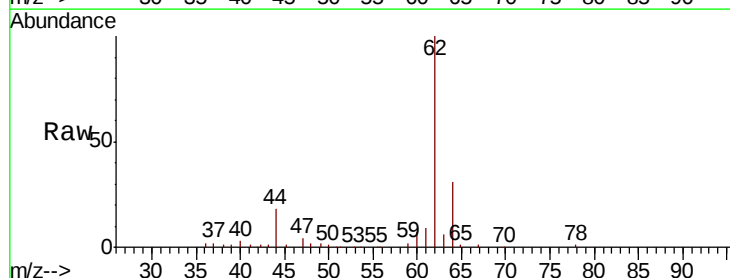
Acq: 15 Apr 2019 10:22

Tgt Ion: 62 Resp: 15833

Ion Ratio Lower Upper

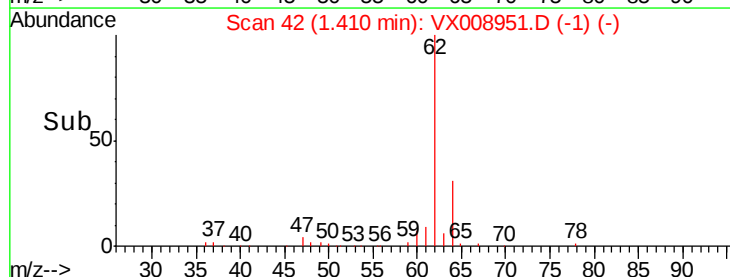
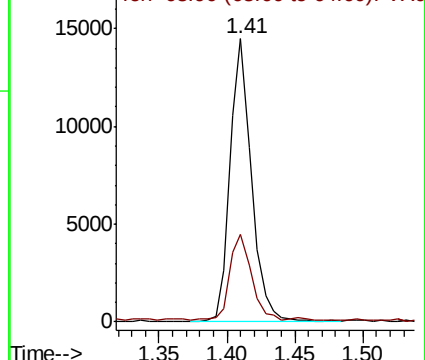
62 100

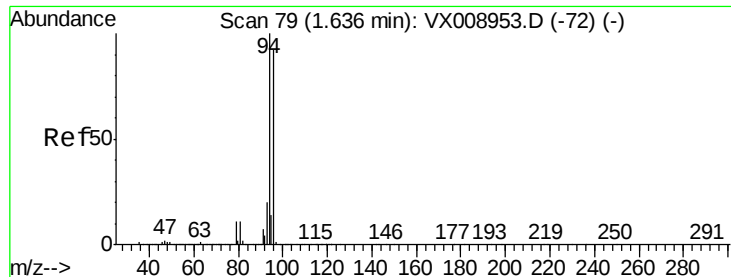
64 30.5 25.0 37.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 4.863 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX008951.D

Acq: 15 Apr 2019 10:22

Instrument :

MSVOA_X

ClientSampleId :

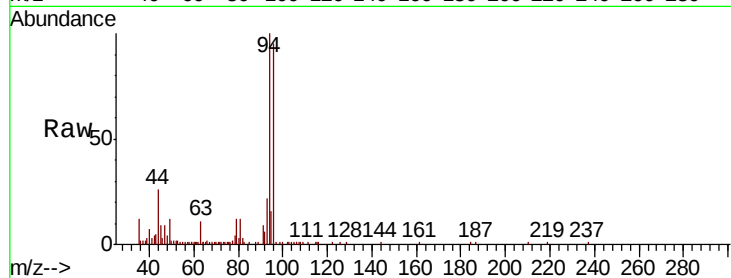
VSTDIC005

Tot Ion: 94 Resp: 9803

Ion Ratio Lower Upper

94 100

96 94.8 73.9 110.9



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

10000

8000

6000

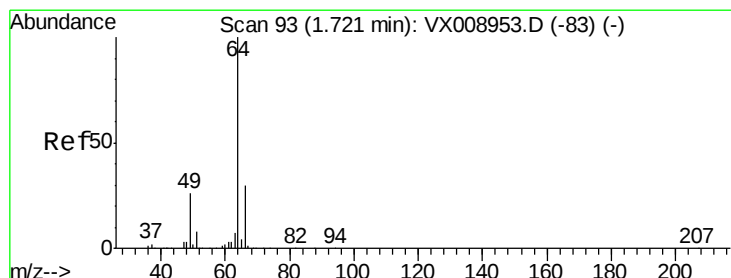
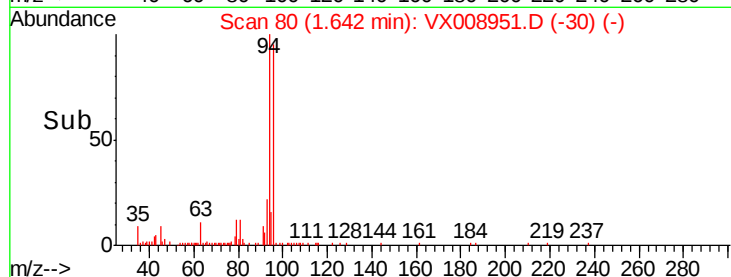
4000

2000

0

Time-->

1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 4.182 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX008951.D

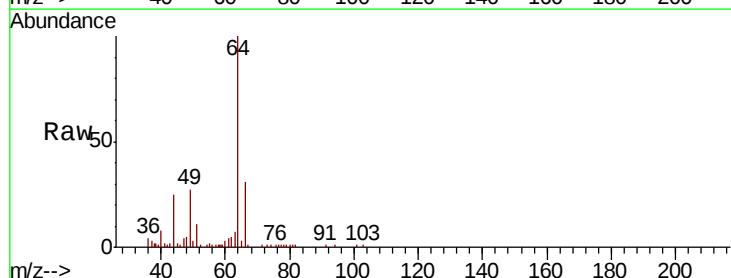
Acq: 15 Apr 2019 10:22

Tgt Ion: 64 Resp: 10149

Ion Ratio Lower Upper

64 100

66 31.3 24.2 36.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

8000

6000

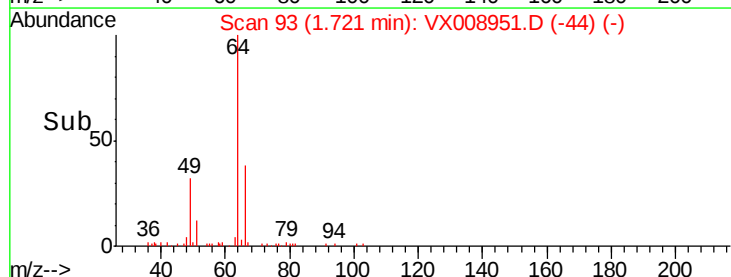
4000

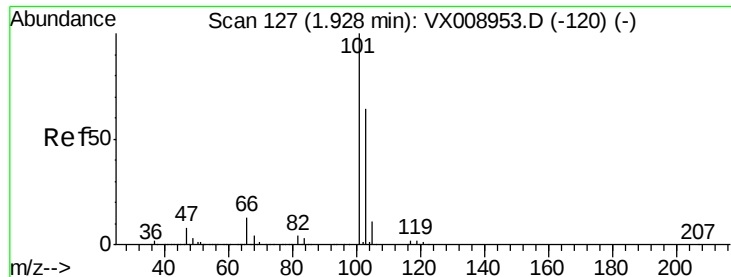
2000

0

Time-->

1.65 1.70 1.75 1.80





#7

Trichlorofluoromethane

Concen: 4.694 ug/l

RT: 1.93 min Scan# 127

Delta R.T. -0.00 min

Lab File: VX008951.D

Acq: 15 Apr 2019 10:22

Instrument :

MSVOA_X

ClientSampleId :

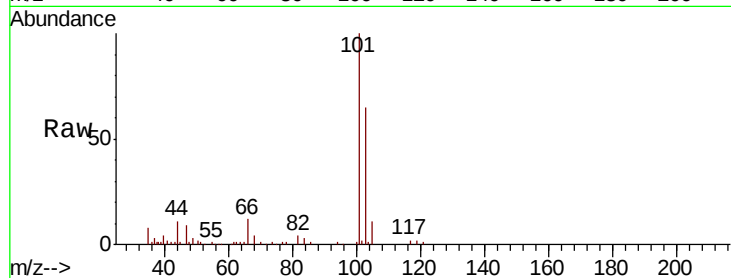
VSTDIC005

Tot Ion:101 Resp: 19042

Ion Ratio Lower Upper

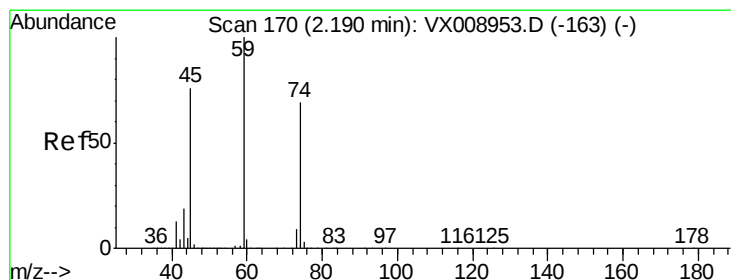
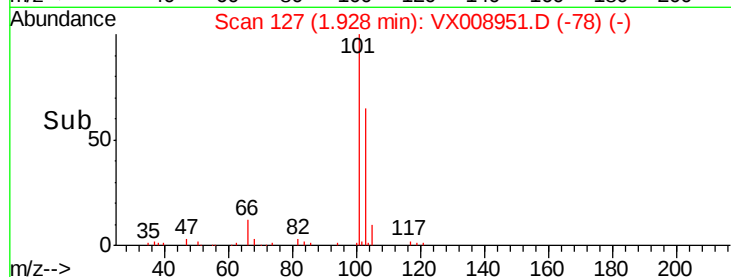
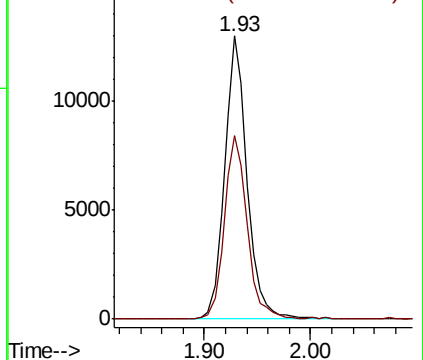
101 100

103 64.8 51.0 76.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 4.677 ug/l

RT: 2.19 min Scan# 170

Delta R.T. -0.00 min

Lab File: VX008951.D

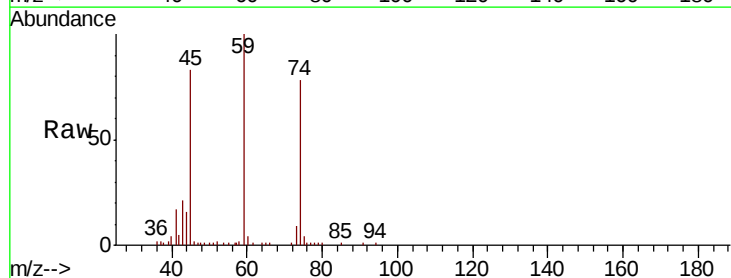
Acq: 15 Apr 2019 10:22

Tgt Ion: 74 Resp: 8930

Ion Ratio Lower Upper

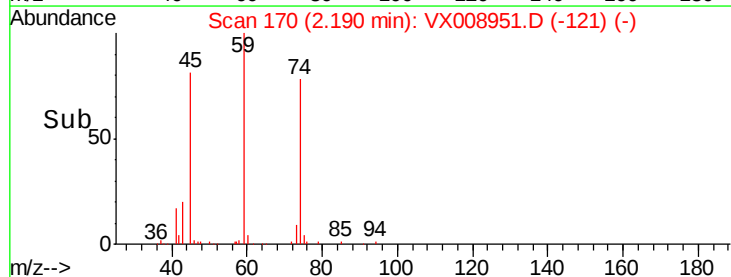
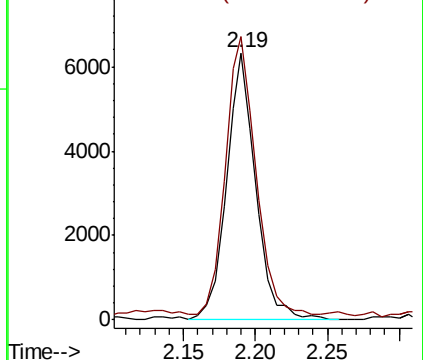
74 100

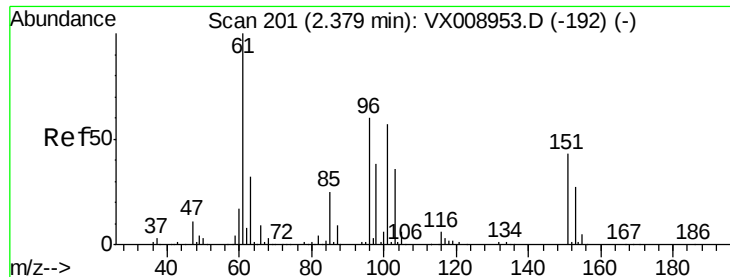
45 107.3 54.9 164.8



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 4.816 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX008951.D

Acq: 15 Apr 2019 10:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

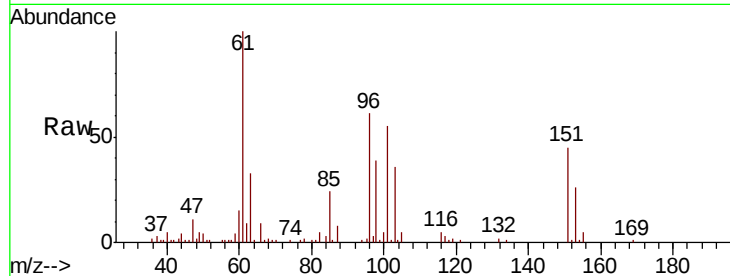
Tot Ion:101 Resp: 12513

Ion Ratio Lower Upper

101 100

85 45.5 35.7 53.5

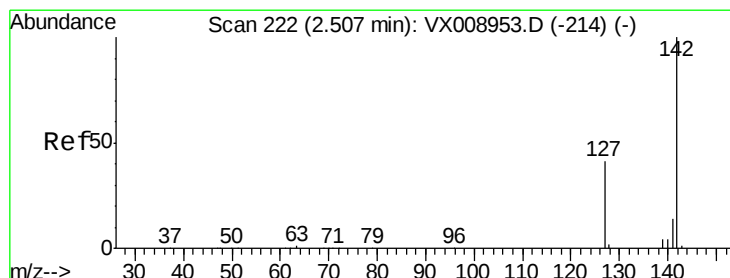
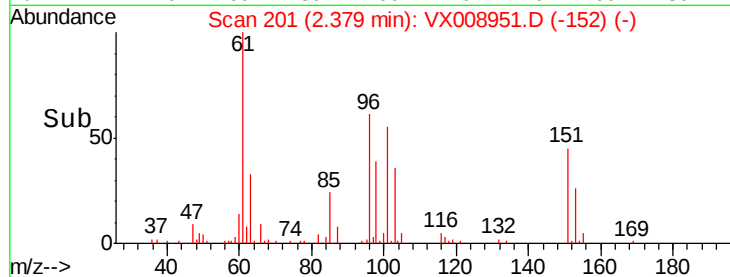
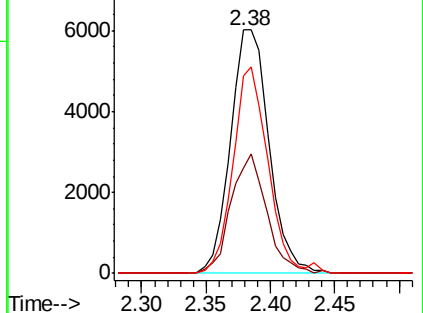
151 77.4 62.7 94.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 3.940 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX008951.D

Acq: 15 Apr 2019 10:22

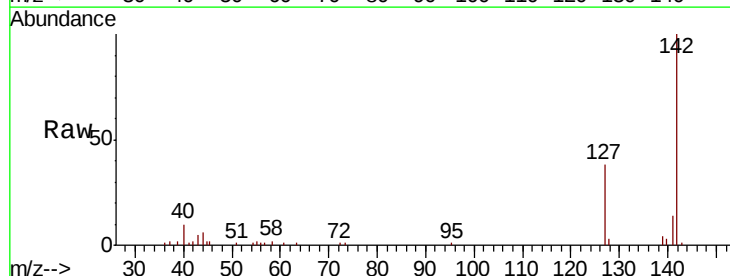
Tgt Ion:142 Resp: 8698

Ion Ratio Lower Upper

142 100

127 41.4 32.8 49.2

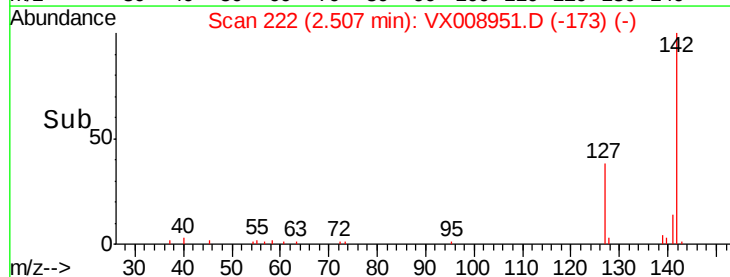
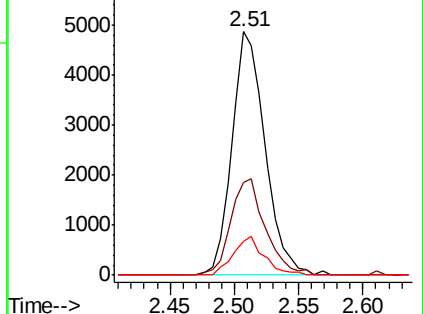
141 14.8 11.4 17.2

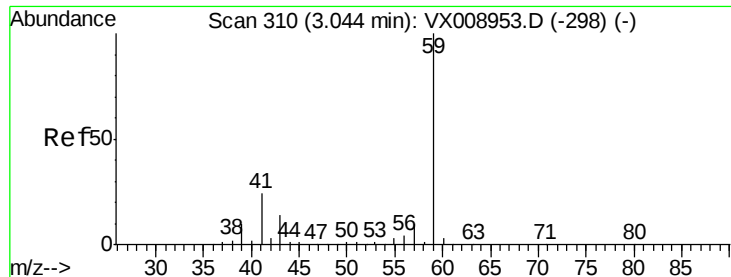


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

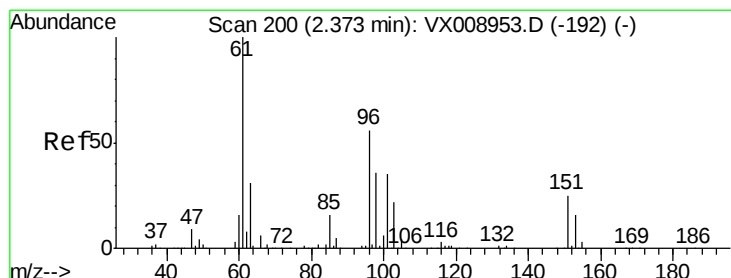
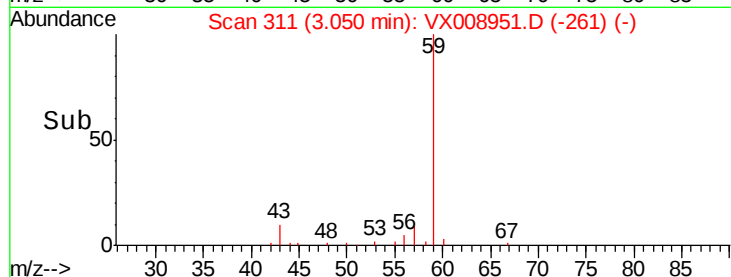
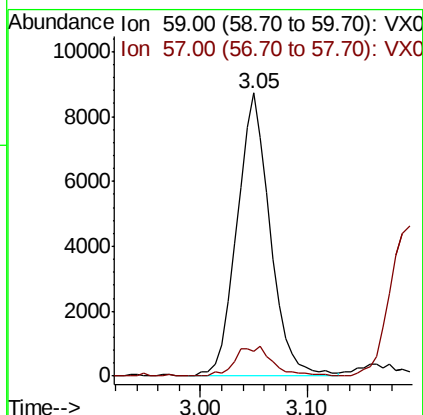
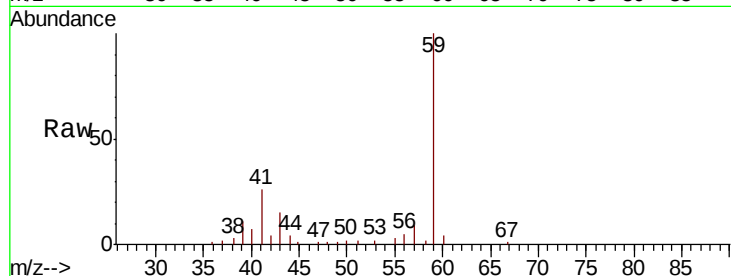




#11
Tert butyl alcohol
Concen: 23.888 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.01 min
Lab File: VX008951.D
Acq: 15 Apr 2019 10:22

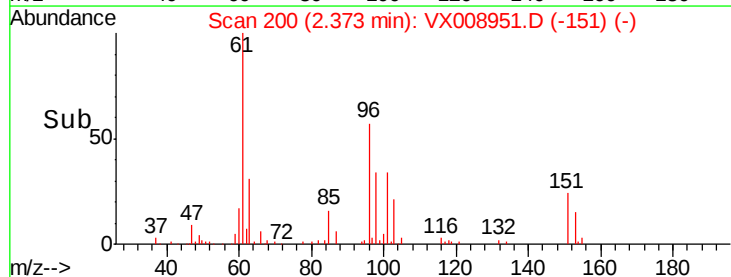
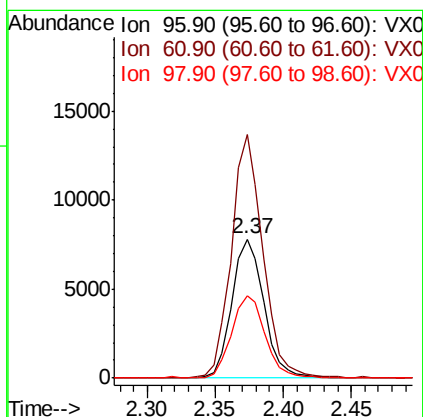
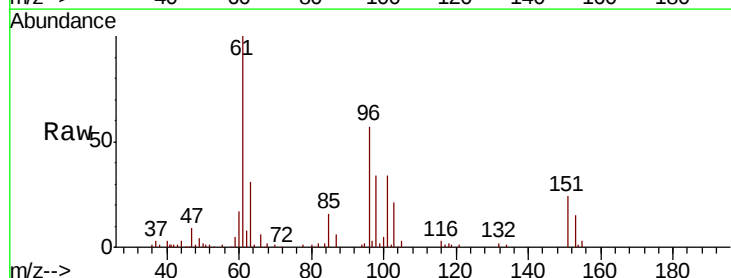
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

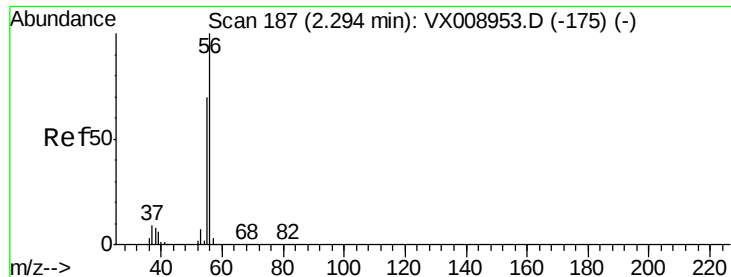
Tot Ion: 59 Resp: 19064
Ion Ratio Lower Upper
59 100
57 11.8 8.4 12.6



#12
1,1-Dichloroethene
Concen: 4.702 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX008951.D
Acq: 15 Apr 2019 10:22

Tgt Ion: 96 Resp: 12789
Ion Ratio Lower Upper
96 100
61 174.5 142.2 213.2
98 59.0 50.9 76.3





#13

Acrolein

Concen: 34.230 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX008951.D

Acq: 15 Apr 2019 10:22

Instrument :

MSVOA_X

ClientSampled :

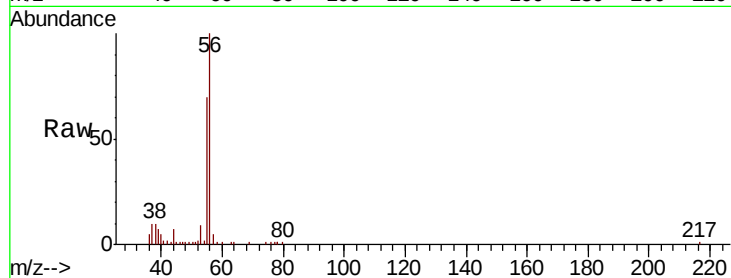
VSTDIC005

Tot Ion: 56 Resp: 15654

Ion Ratio Lower Upper

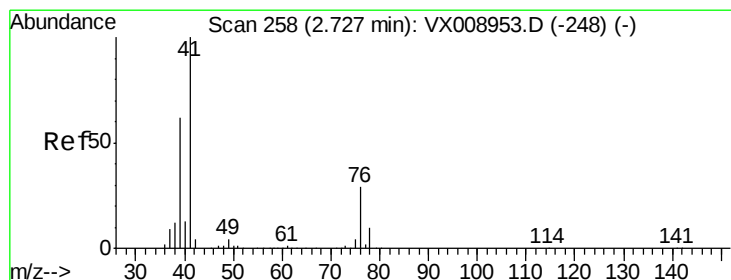
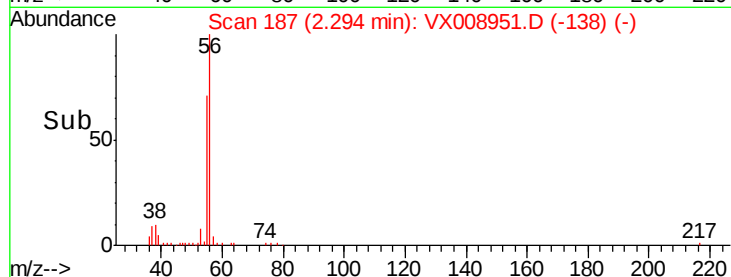
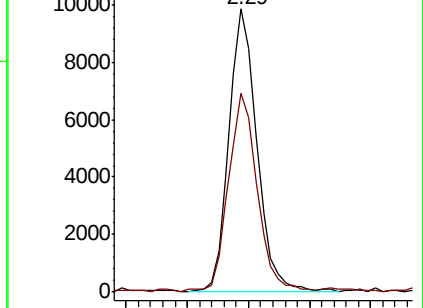
56 100

55 72.6 56.6 84.8



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 4.472 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX008951.D

Acq: 15 Apr 2019 10:22

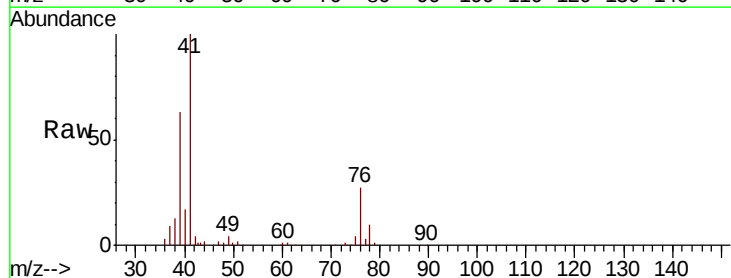
Tgt Ion: 41 Resp: 27743

Ion Ratio Lower Upper

41 100

39 62.0 46.7 70.1

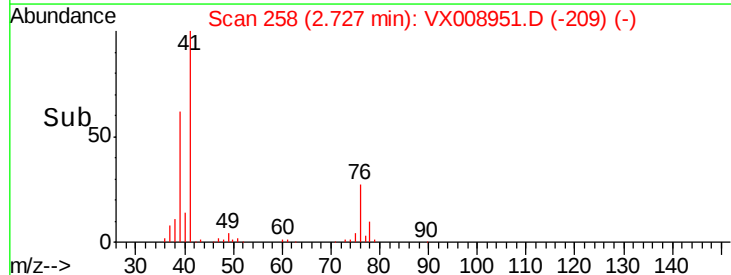
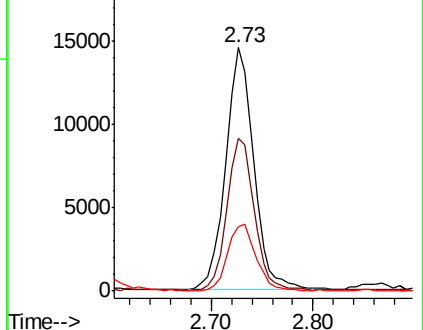
76 27.7 22.0 33.0

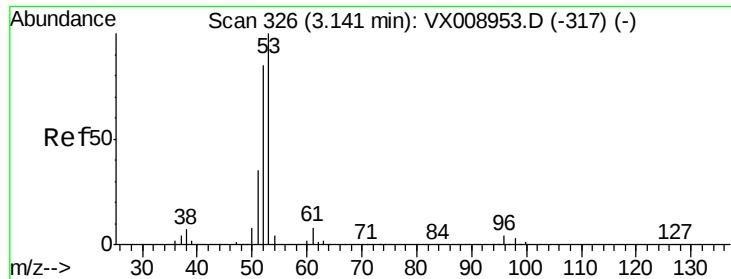


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 22.545 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX008951.D

Acq: 15 Apr 2019 10:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

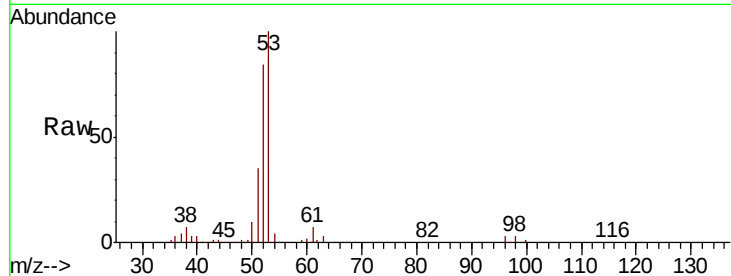
Tot Ion: 53 Resp: 47604

Ion Ratio Lower Upper

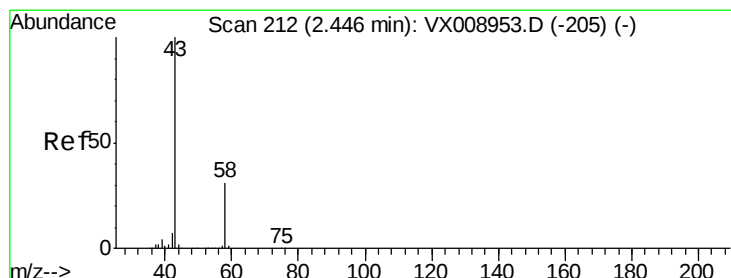
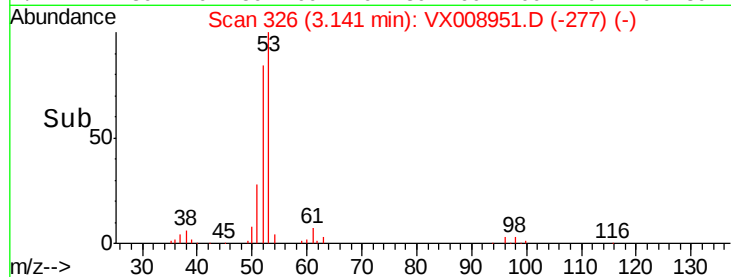
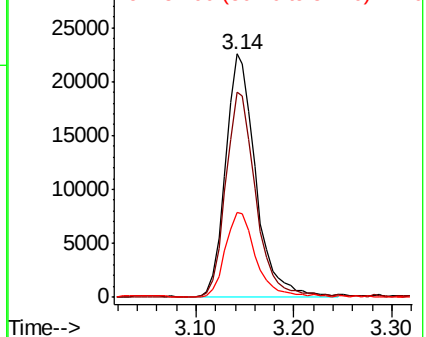
53 100

52 85.5 66.6 100.0

51 36.6 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: 22.636 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX008951.D

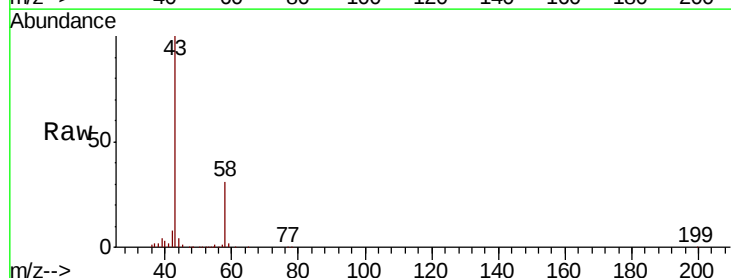
Acq: 15 Apr 2019 10:22

Tgt Ion: 43 Resp: 44059

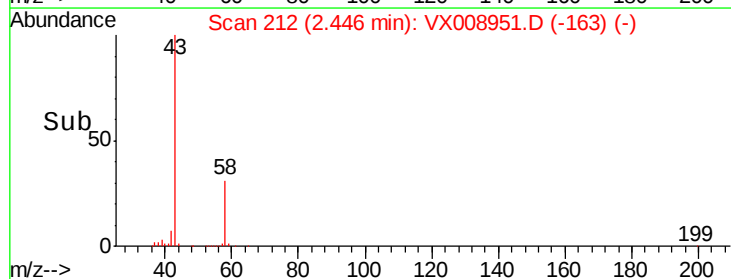
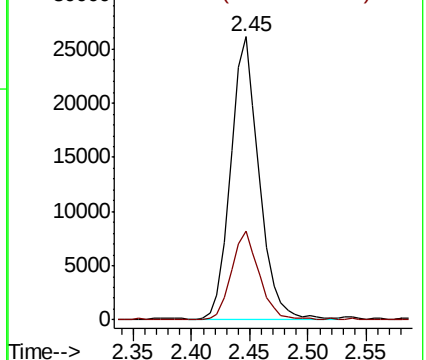
Ion Ratio Lower Upper

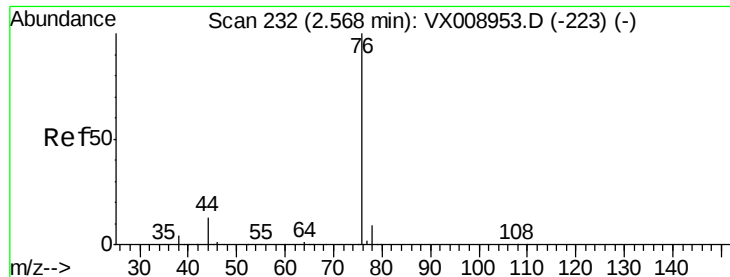
43 100

58 31.3 24.8 37.2



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

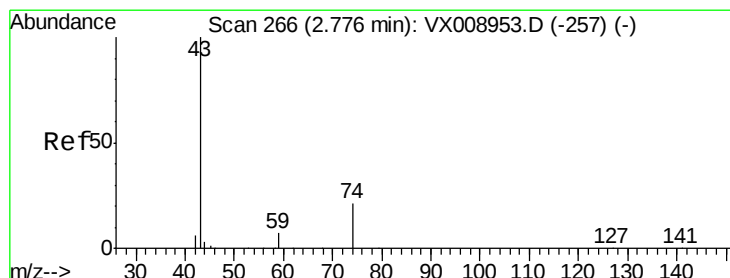
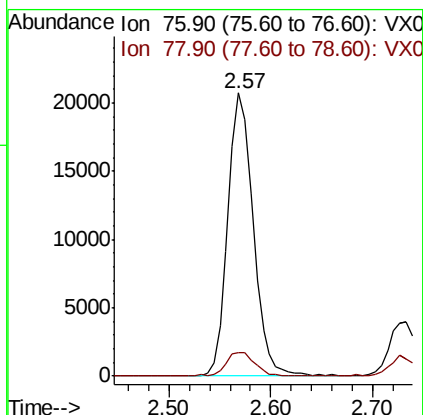
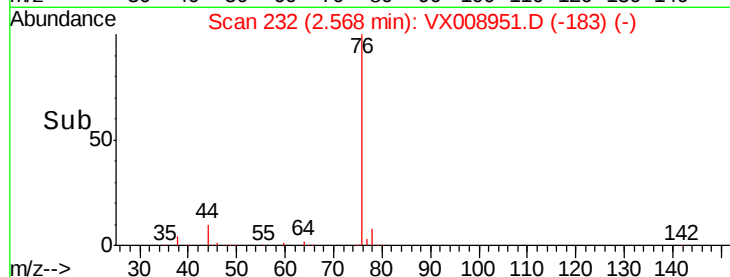
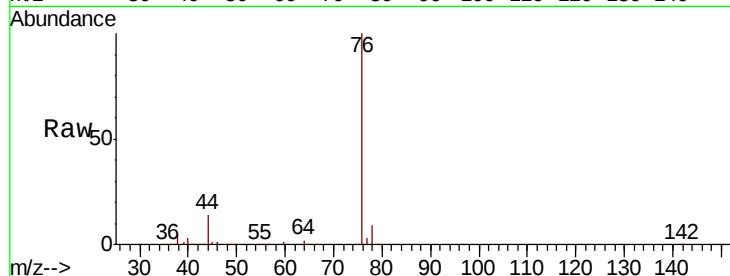




#17
Carbon Disulfide
Concen: 4.107 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX008951.D
Acq: 15 Apr 2019 10:22

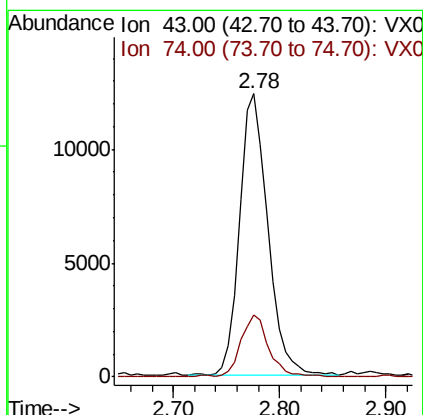
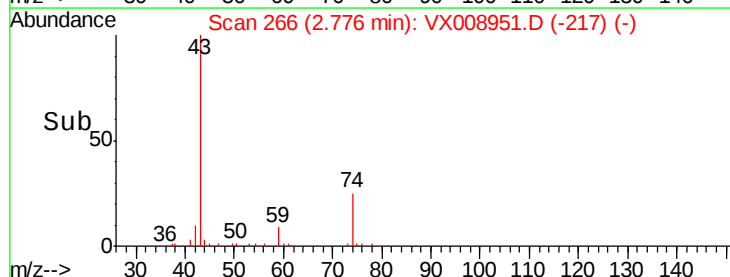
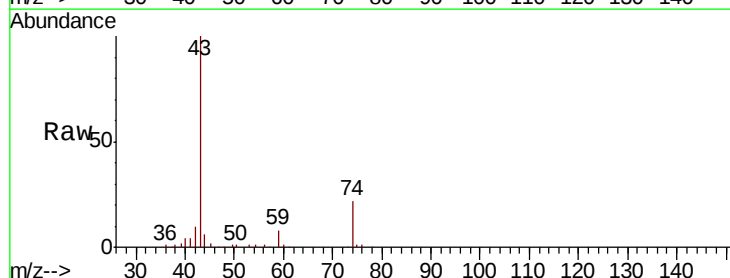
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

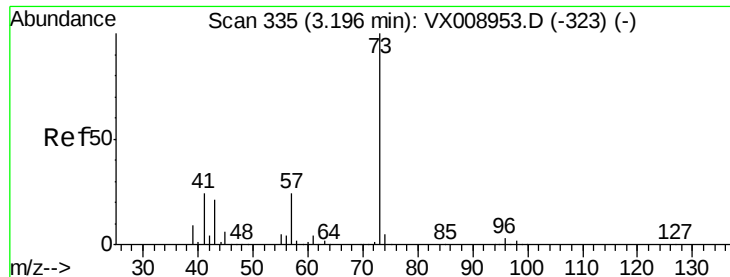
Tot Ion: 76 Resp: 35858
Ion Ratio Lower Upper
76 100
78 8.5 7.2 10.8



#18
Methyl Acetate
Concen: 4.843 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX008951.D
Acq: 15 Apr 2019 10:22

Tgt Ion: 43 Resp: 23064
Ion Ratio Lower Upper
43 100
74 21.9 16.6 25.0

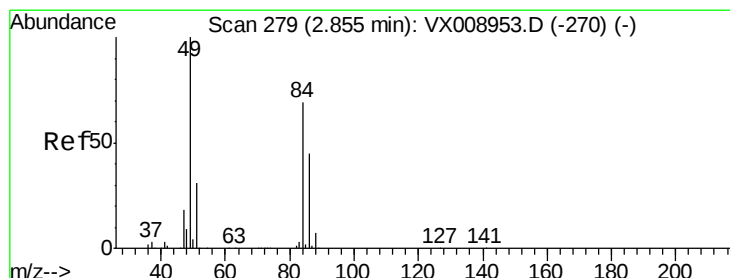
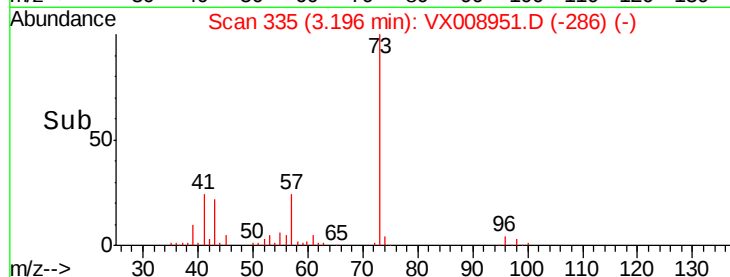
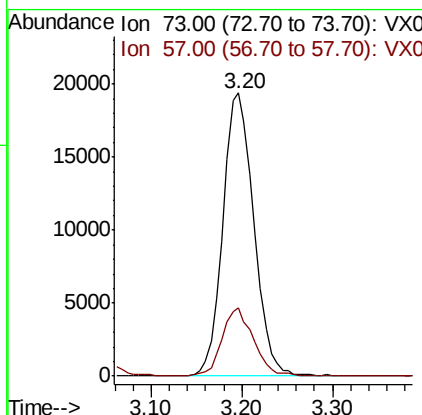
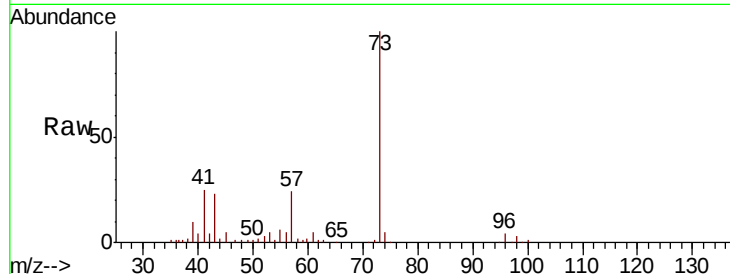




#19
Methyl tert-butyl Ether
Concen: 4.739 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX008951.D
Acq: 15 Apr 2019 10:22

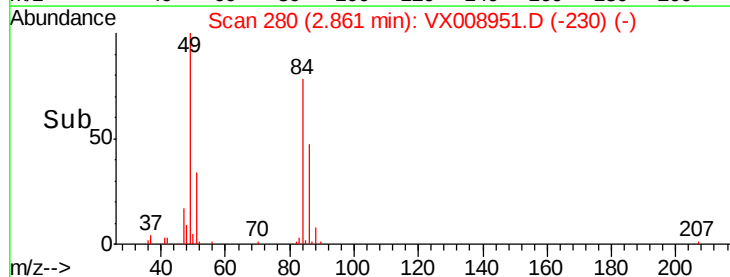
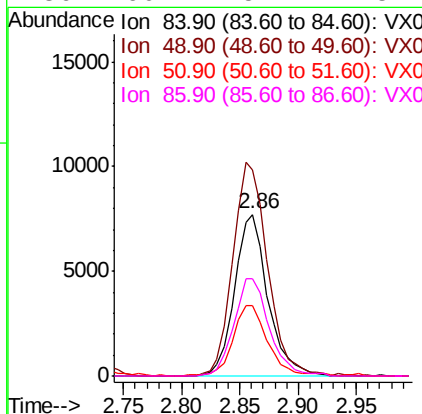
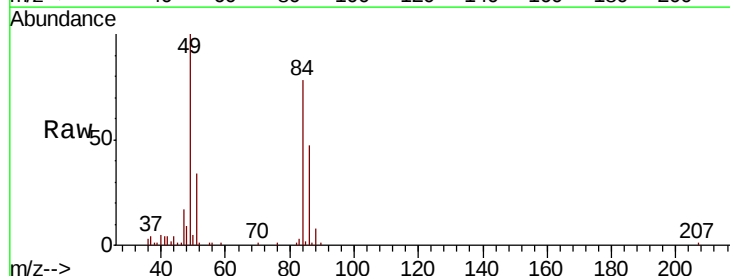
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

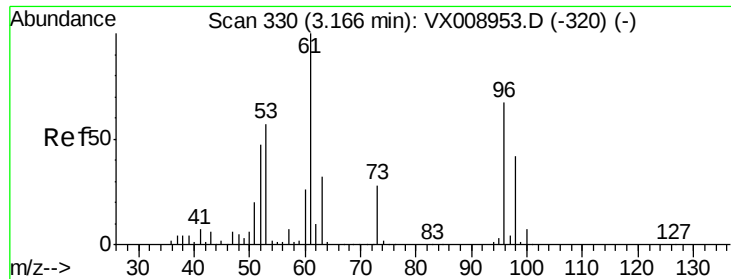
Tot Ion: 73 Resp: 45881
Ion Ratio Lower Upper
73 100
57 23.9 19.2 28.8



#20
Methylene Chloride
Concen: 4.670 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX008951.D
Acq: 15 Apr 2019 10:22

Tgt Ion: 84 Resp: 15348
Ion Ratio Lower Upper
84 100
49 127.5 115.4 173.0
51 43.4 35.8 53.6
86 60.4 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 4.528 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX008951.D

Acq: 15 Apr 2019 10:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

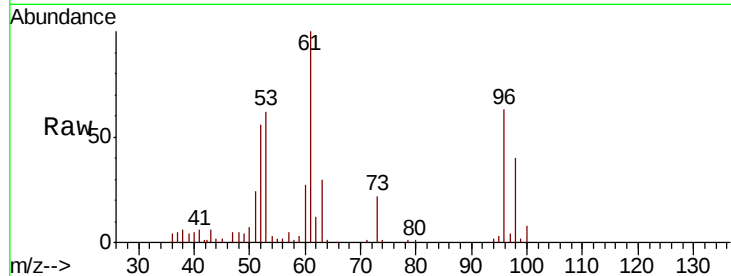
Tot Ion: 96 Resp: 13337

Ion Ratio Lower Upper

96 100

61 157.5 120.3 180.5

98 62.9 50.2 75.2

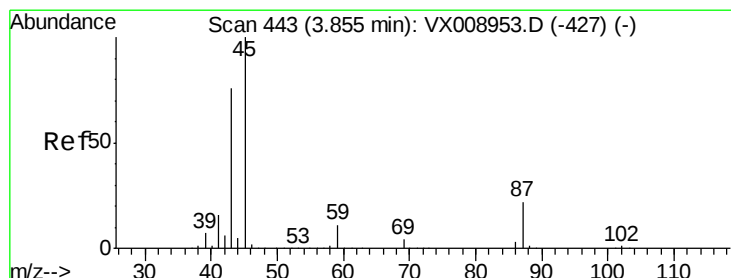
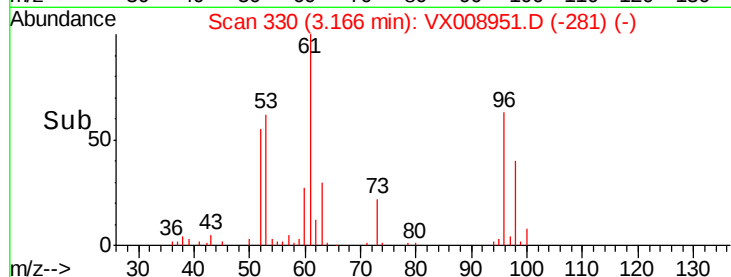
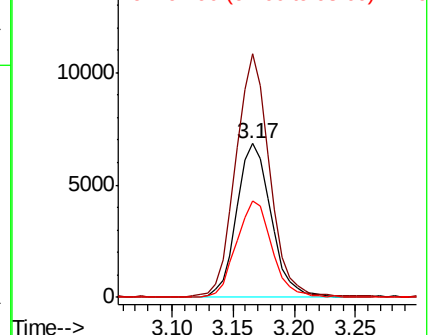


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 4.767 ug/l

RT: 3.86 min Scan# 444

Delta R.T. 0.01 min

Lab File: VX008951.D

Acq: 15 Apr 2019 10:22

Tgt Ion: 45 Resp: 56872

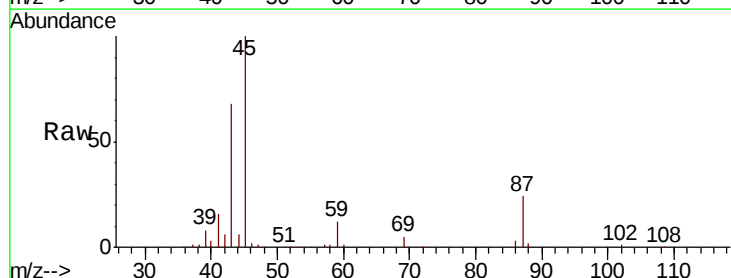
Ion Ratio Lower Upper

45 100

43 67.9 60.6 91.0

87 23.6 17.8 26.8

59 11.6 8.7 13.1



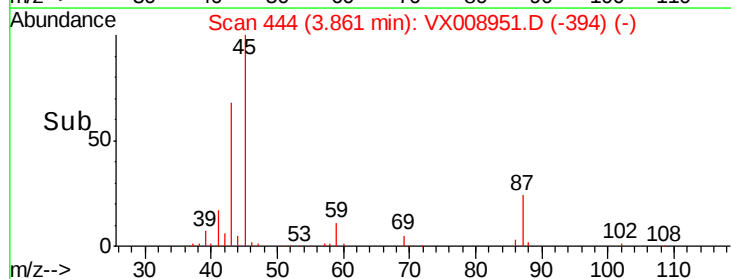
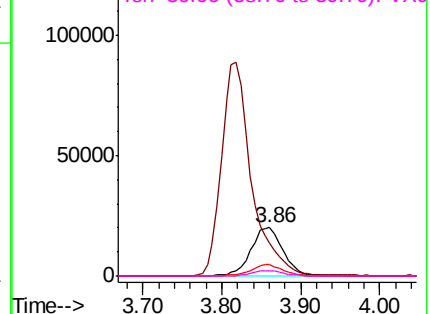
Abundance

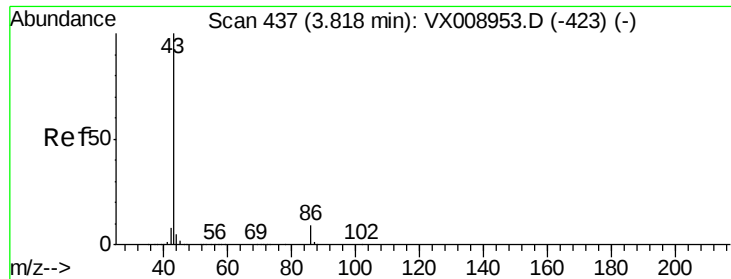
Ion 45.00 (44.70 to 45.70): VX0

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





#23

Vinyl Acetate

Concen: 22.741 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.00 min

Lab File: VX008951.D

Acq: 15 Apr 2019 10:22

Instrument :

MSVOA_X

ClientSampleID :

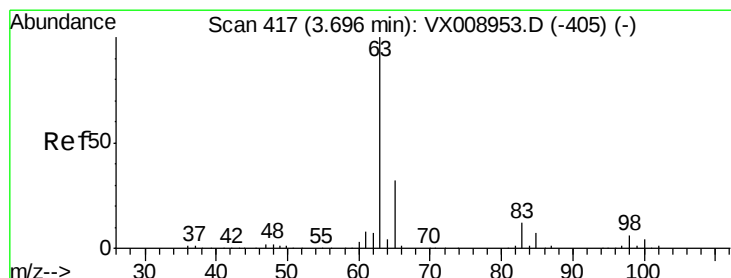
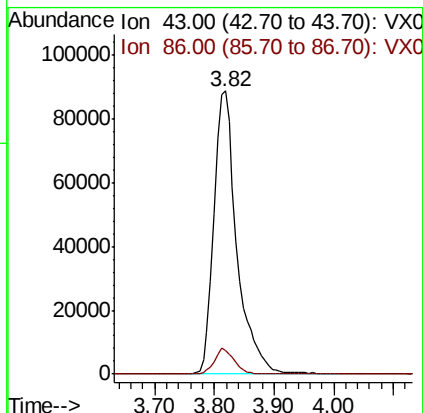
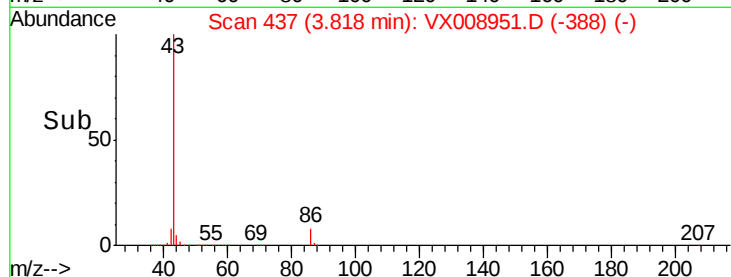
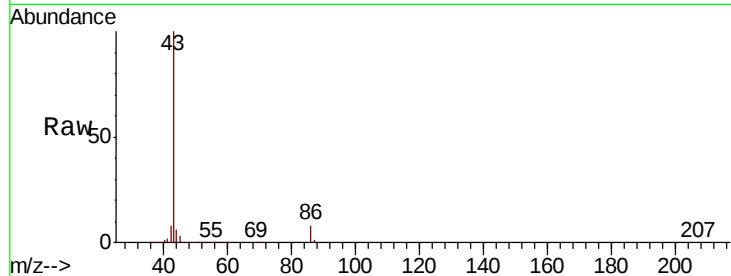
VSTDIC005

Tot Ion: 43 Resp: 236452

Ion Ratio Lower Upper

43 100

86 8.5 7.1 10.7



#24

1,1-Dichloroethane

Concen: 4.797 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX008951.D

Acq: 15 Apr 2019 10:22

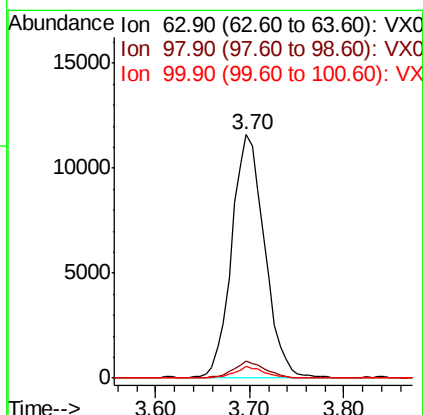
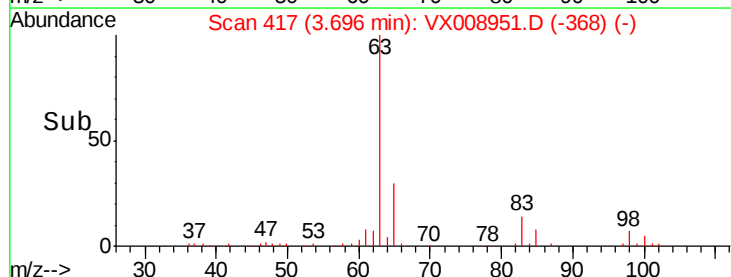
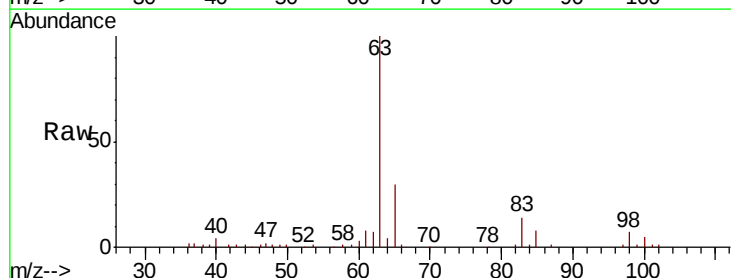
Tgt Ion: 63 Resp: 28319

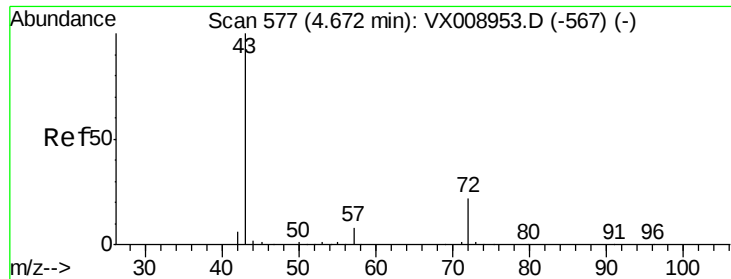
Ion Ratio Lower Upper

63 100

98 7.2 3.1 9.3

100 5.1 1.9 5.7





#25

2-Butanone

Concen: 22.796 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.01 min

Lab File: VX008951.D

Acq: 15 Apr 2019 10:22

Instrument :

MSVOA_X

ClientSampled :

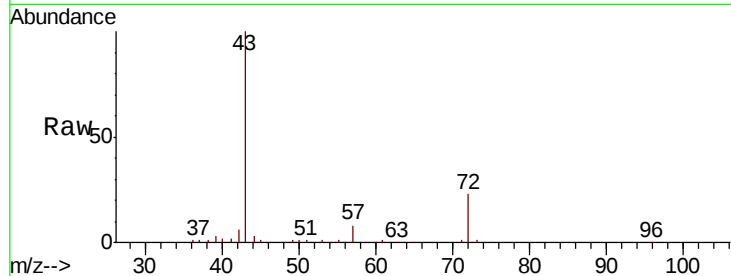
VSTDIC005

Tot Ion: 43 Resp: 70474

Ion Ratio Lower Upper

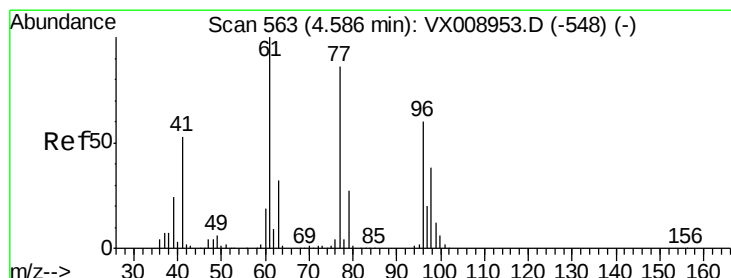
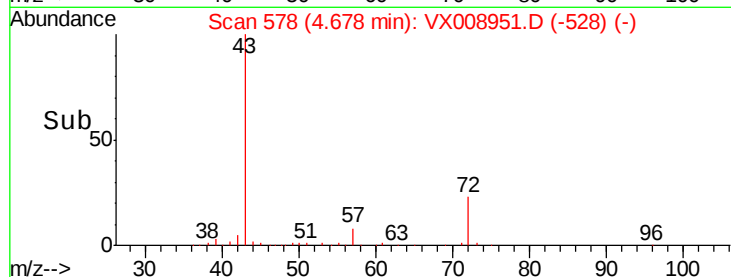
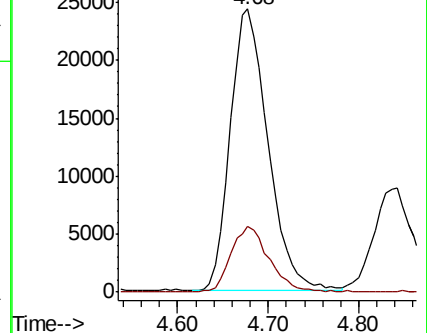
43 100

72 23.4 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 4.865 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX008951.D

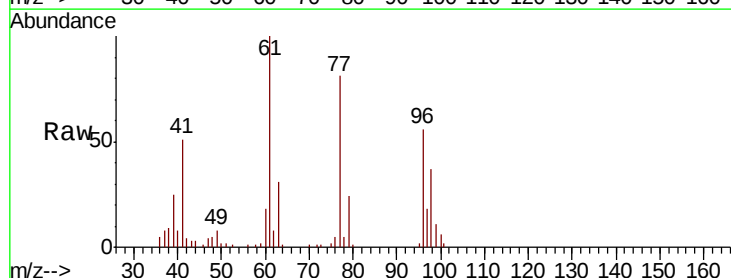
Acq: 15 Apr 2019 10:22

Tgt Ion: 77 Resp: 20386

Ion Ratio Lower Upper

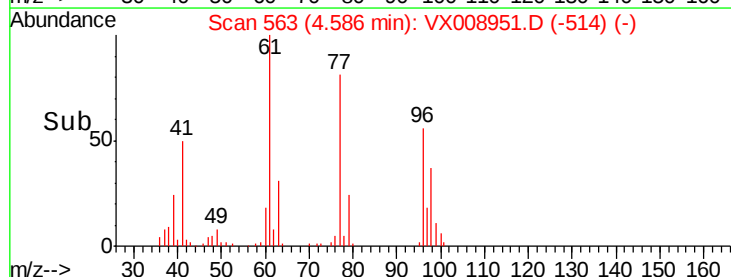
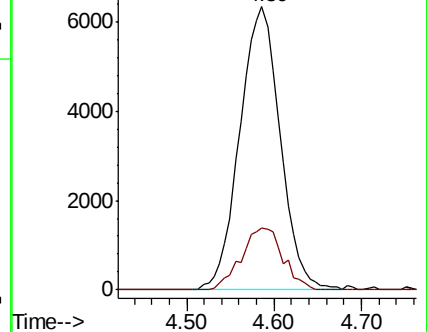
77 100

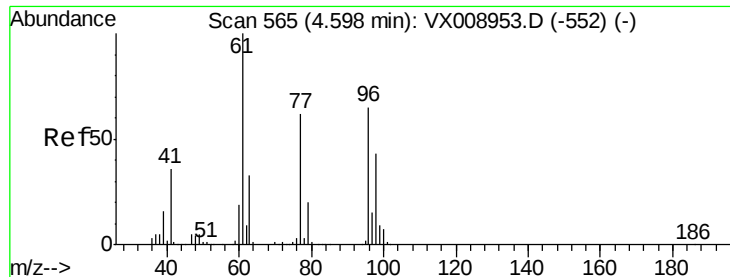
97 22.3 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



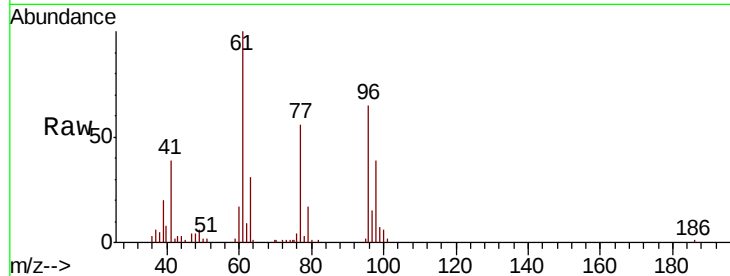


#27

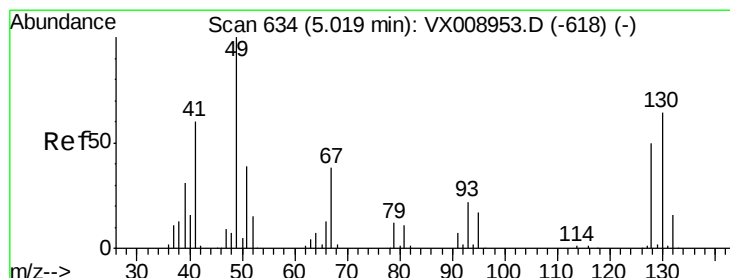
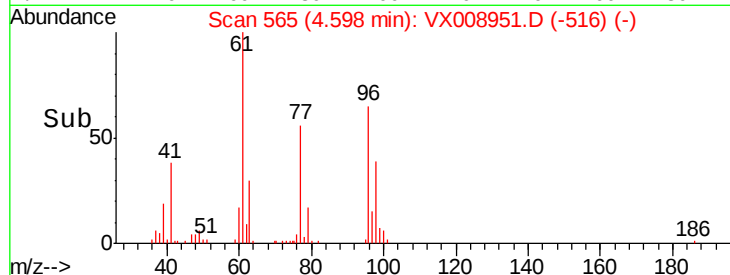
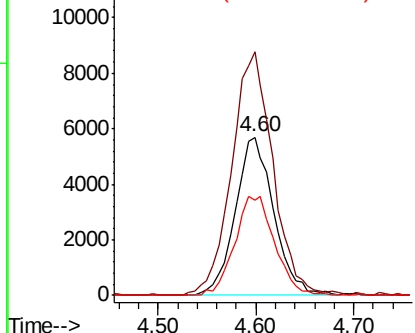
cis-1,2-Dichloroethene
Concen: 4.625 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX008951.D
Acq: 15 Apr 2019 10:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion: 96 Resp: 15600
Ion Ratio Lower Upper
96 100
61 164.4 0.0 322.0
98 64.5 0.0 128.4



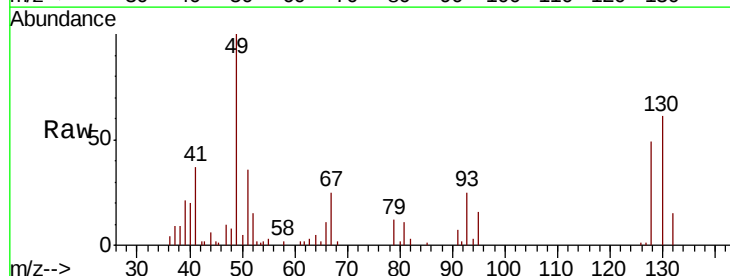
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



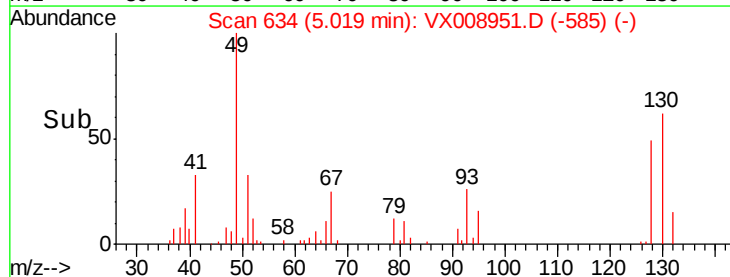
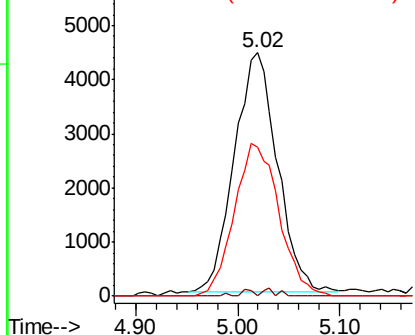
#28

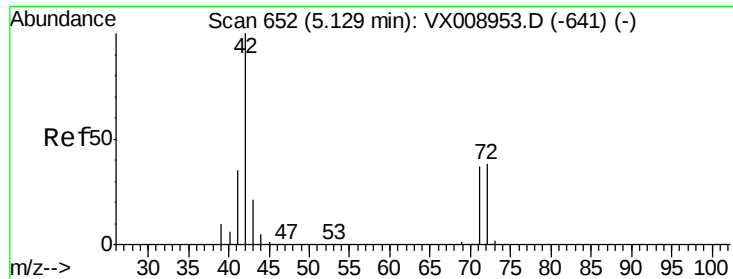
Bromochloromethane
Concen: 4.674 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX008951.D
Acq: 15 Apr 2019 10:22

Tgt Ion: 49 Resp: 12991
Ion Ratio Lower Upper
49 100
129 0.7 0.0 3.6
130 66.1 50.4 75.6



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

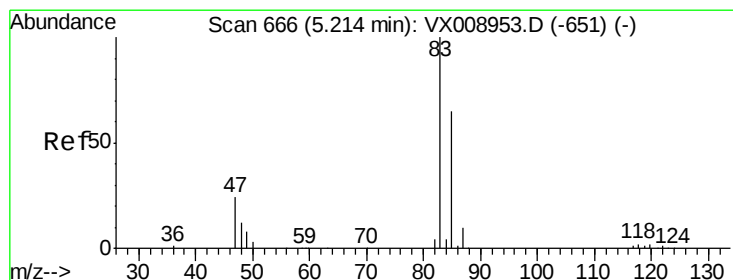
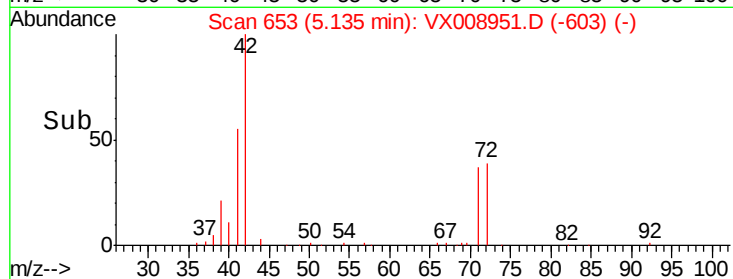
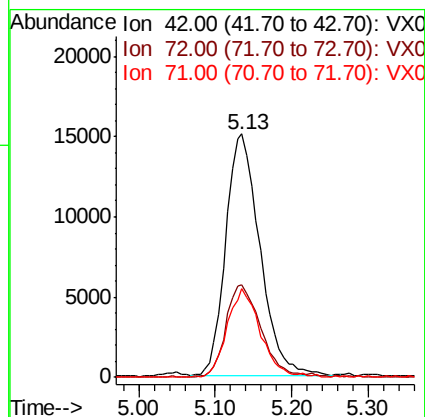
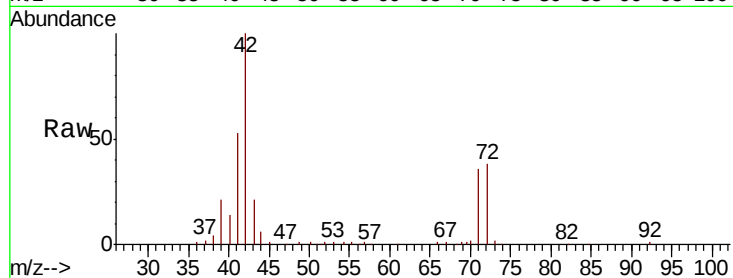




#29
Tetrahydrofuran
Concen: 22.625 ug/l
RT: 5.13 min Scan# 653
Delta R.T. 0.01 min
Lab File: VX008951.D
Acq: 15 Apr 2019 10:22

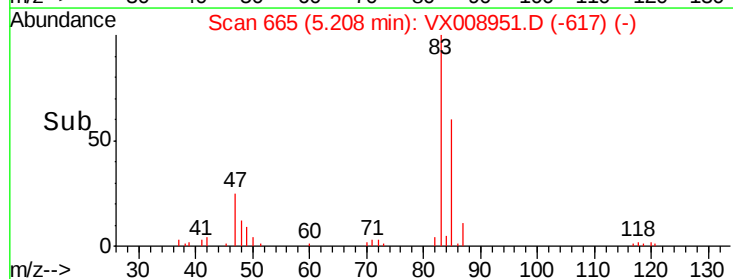
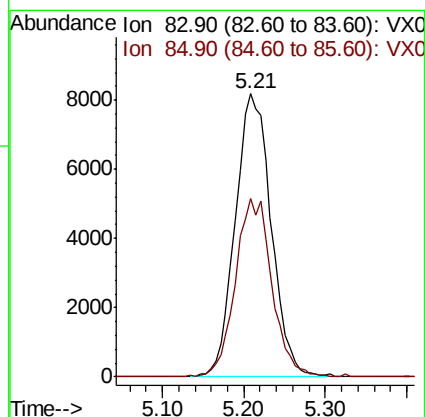
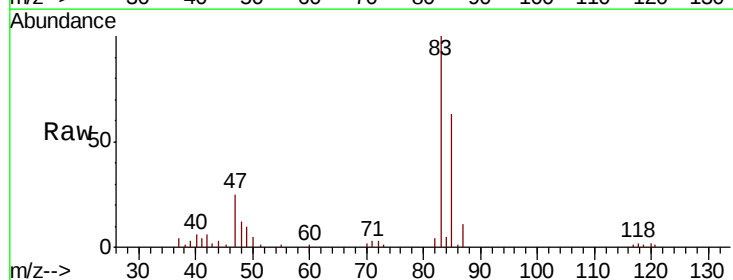
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

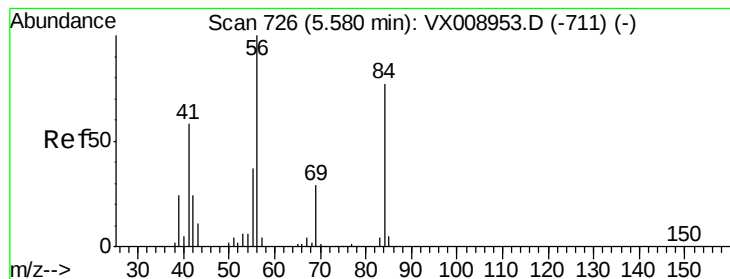
Tot Ion: 42 Resp: 46590
Ion Ratio Lower Upper
42 100
72 39.7 30.6 45.8
71 36.3 28.8 43.2



#30
Chloroform
Concen: 4.723 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX008951.D
Acq: 15 Apr 2019 10:22

Tgt Ion: 83 Resp: 24949
Ion Ratio Lower Upper
83 100
85 62.9 51.9 77.9





#31

Cyclohexane

Concen: 4.645 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX008951.D

Acq: 15 Apr 2019 10:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

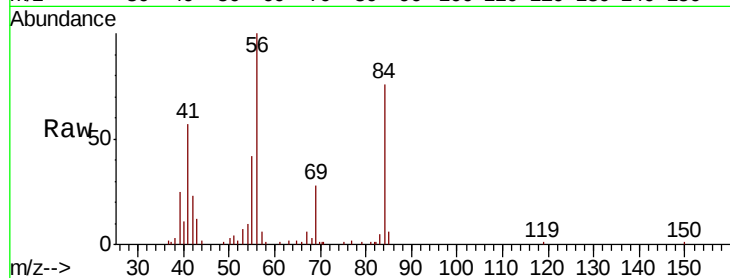
Tot Ion: 56 Resp: 27493

Ion Ratio Lower Upper

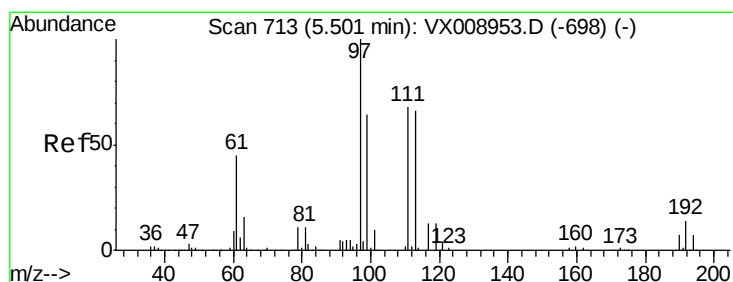
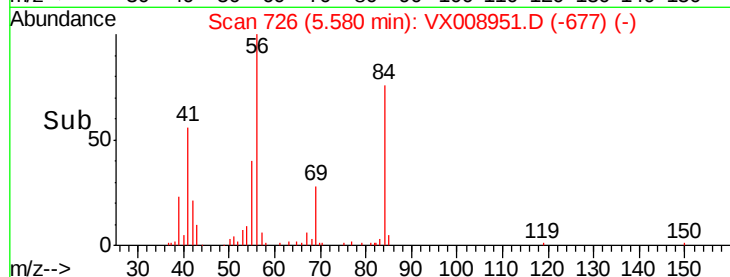
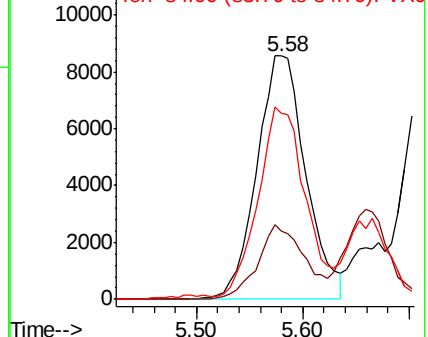
56 100

69 28.1 23.3 34.9

84 74.7 61.7 92.5



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



#32

1,1,1-Trichloroethane

Concen: 4.741 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008951.D

Acq: 15 Apr 2019 10:22

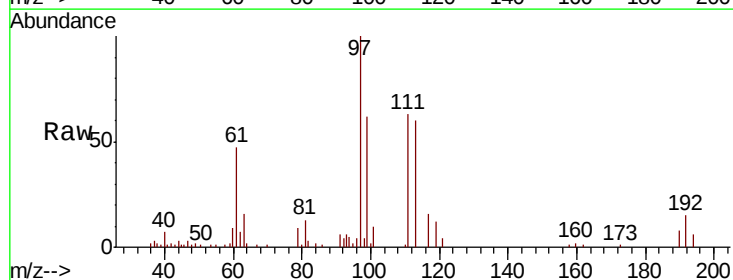
Tgt Ion: 97 Resp: 20290

Ion Ratio Lower Upper

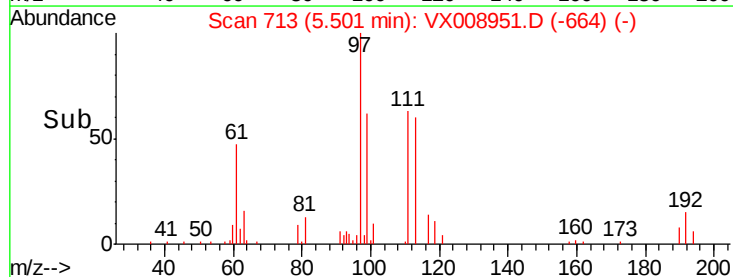
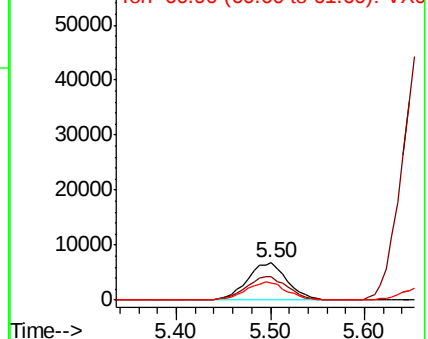
97 100

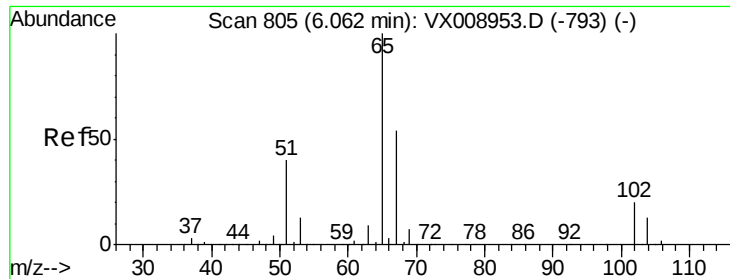
99 66.3 51.6 77.4

61 49.9 37.9 56.9



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

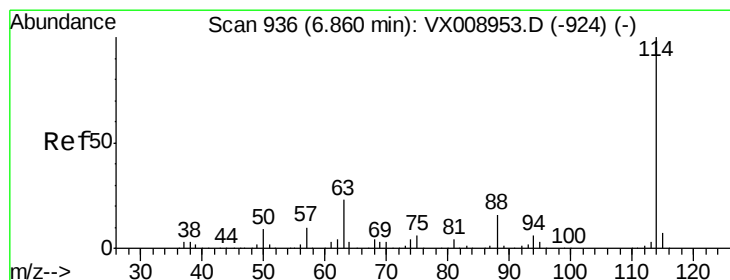
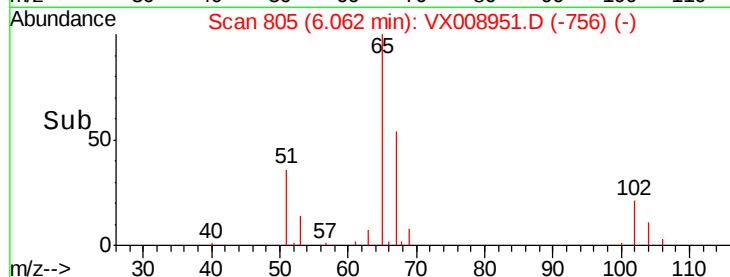
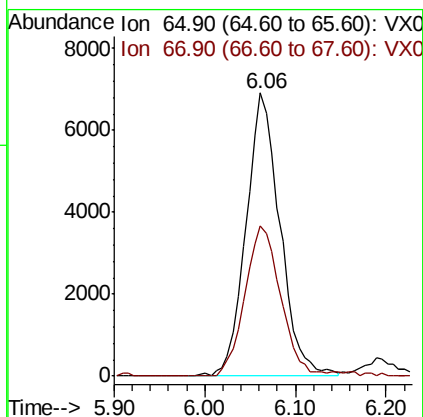
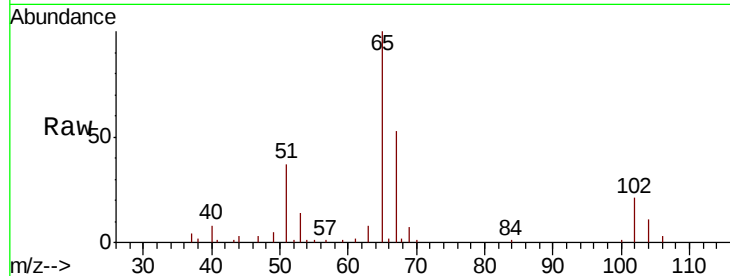




#33
 1,2-Dichloroethane-d4
 Concen: 5.217 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX008951.D
 Acq: 15 Apr 2019 10:22

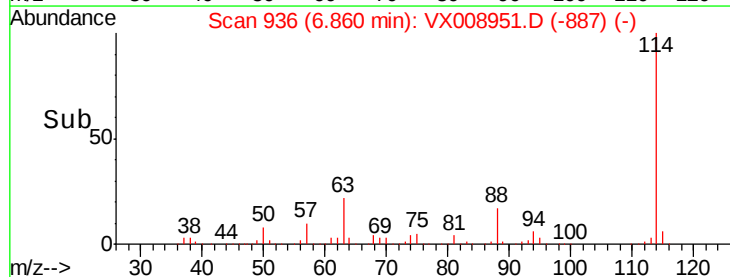
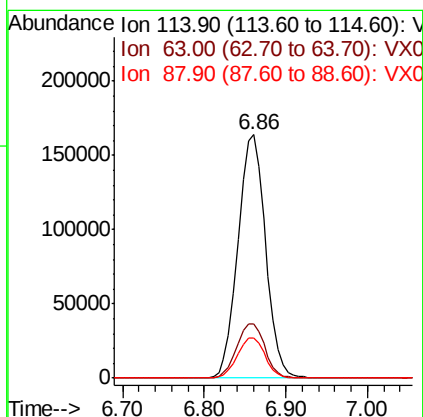
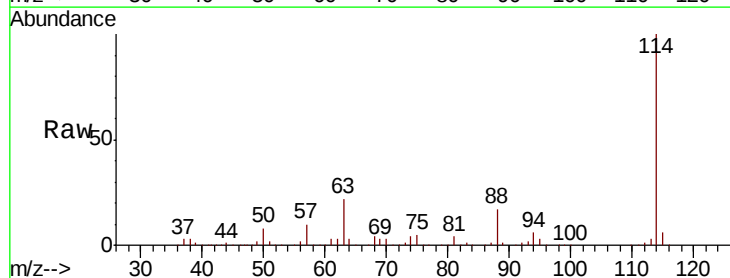
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

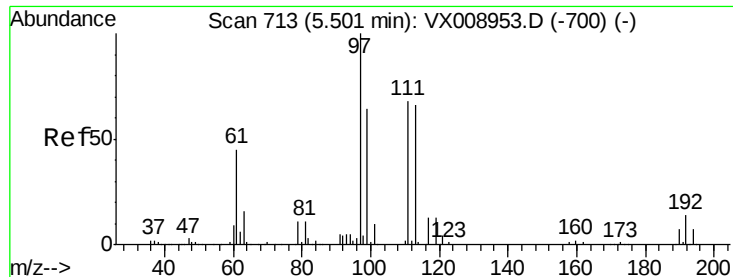
Tot Ion: 65 Resp: 17905
 Ion Ratio Lower Upper
 65 100
 67 55.8 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008951.D
 Acq: 15 Apr 2019 10:22

Tgt Ion: 114 Resp: 384492
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 46.0
 88 16.6 0.0 32.6

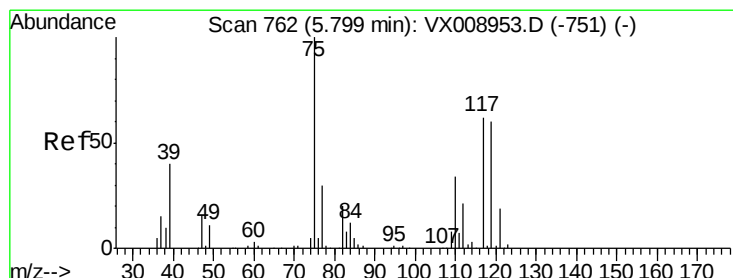
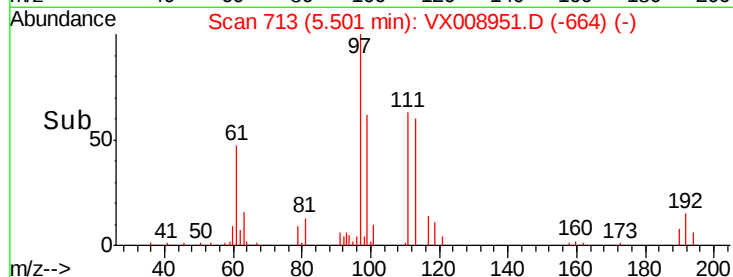
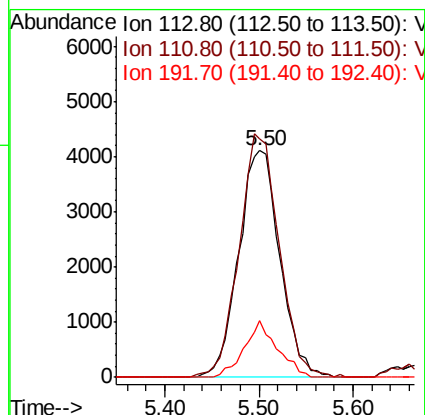
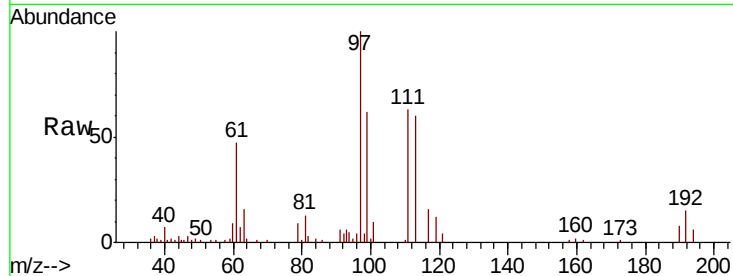




#35
 Dibromofluoromethane
 Concen: 5.145 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX008951.D
 Acq: 15 Apr 2019 10:22

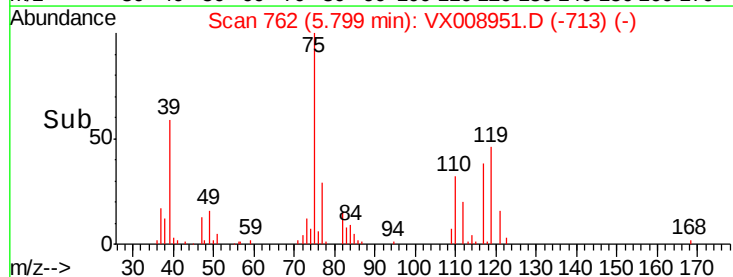
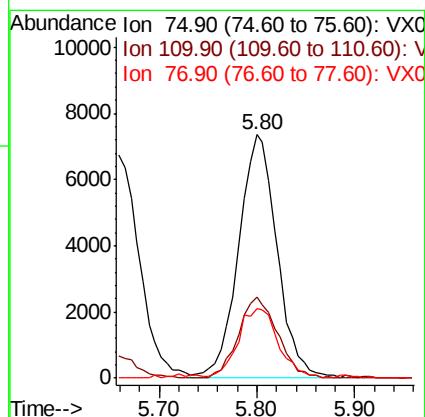
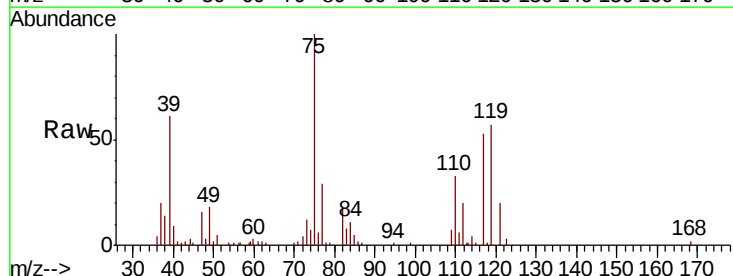
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

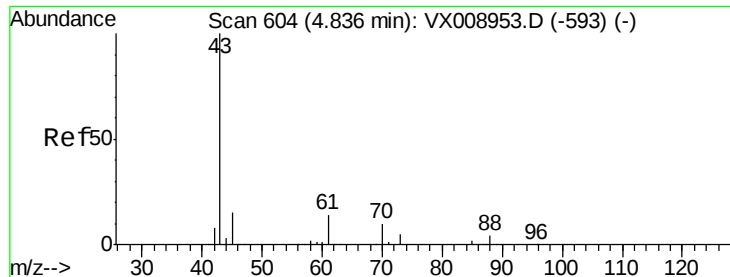
Tot Ion:113 Resp: 12564
 Ion Ratio Lower Upper
 113 100
 111 104.6 82.9 124.3
 192 20.1 17.4 26.0



#36
 1,1-Dichloropropene
 Concen: 4.858 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX008951.D
 Acq: 15 Apr 2019 10:22

Tgt Ion: 75 Resp: 20086
 Ion Ratio Lower Upper
 75 100
 110 33.9 16.9 50.7
 77 29.8 25.0 37.4





#37

Ethyl Acetate

Concen: 4.929 ug/l

RT: 4.84 min Scan# 605

Delta R.T. 0.01 min

Lab File: VX008951.D

Acq: 15 Apr 2019 10:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

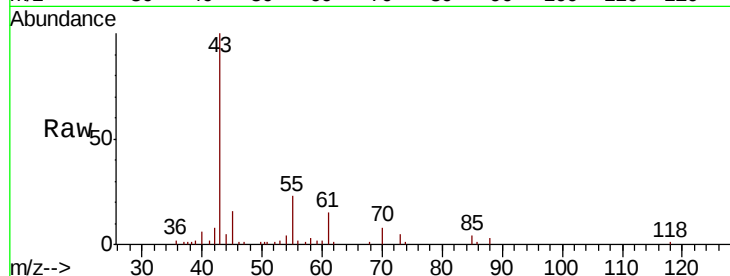
Tot Ion: 43 Resp: 27093

Ion Ratio Lower Upper

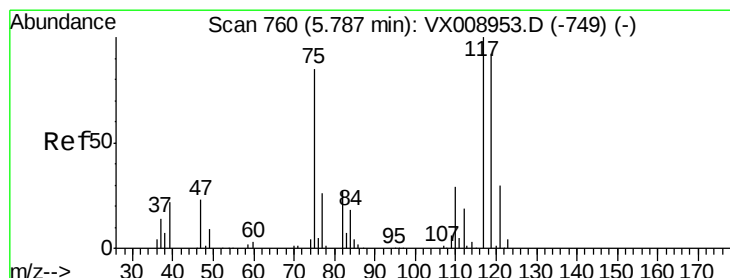
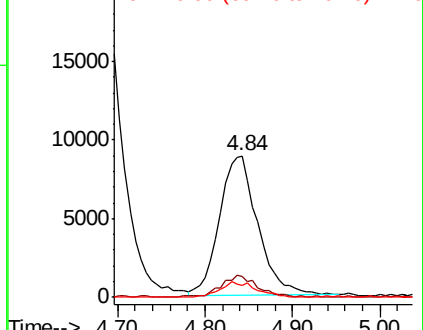
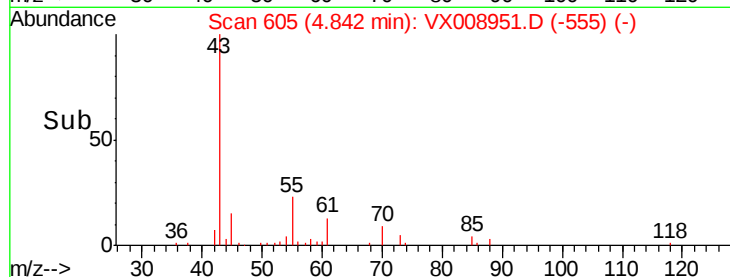
43 100

61 15.0 10.6 15.8

70 10.6 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VX008951.D (-555) (-)



#38

Carbon Tetrachloride

Concen: 4.899 ug/l

RT: 5.79 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX008951.D

Acq: 15 Apr 2019 10:22

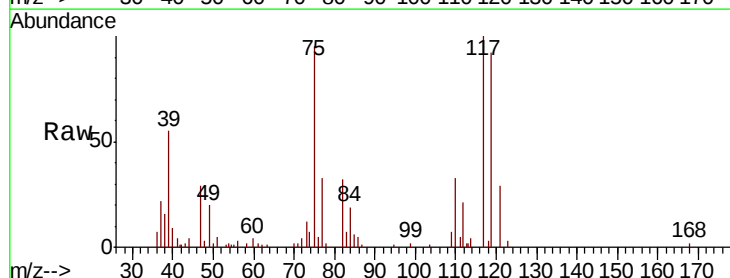
Tgt Ion: 117 Resp: 16799

Ion Ratio Lower Upper

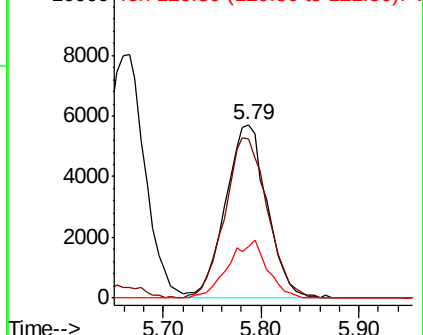
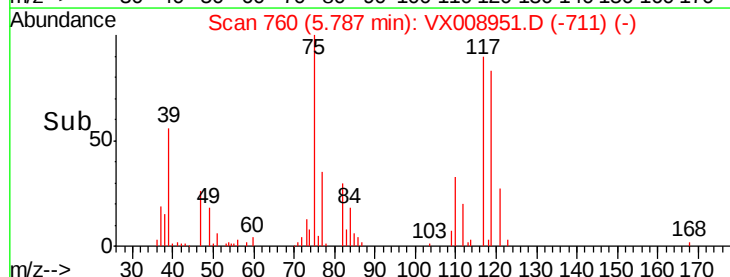
117 100

119 91.6 73.8 110.8

121 29.5 23.6 35.4



Abundance Ion 116.80 (116.50 to 117.50): VX008951.D (-711) (-)

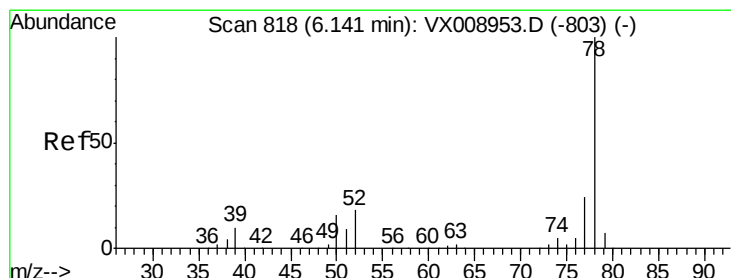
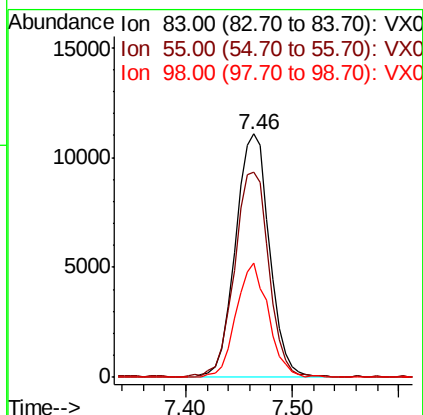
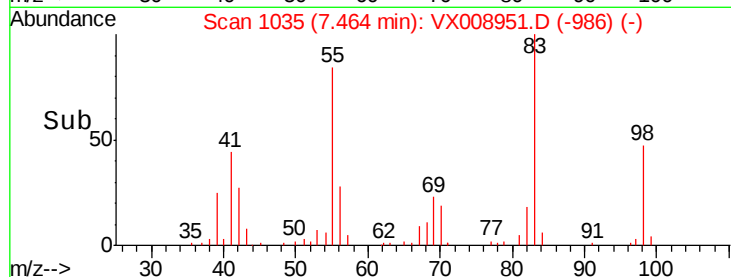
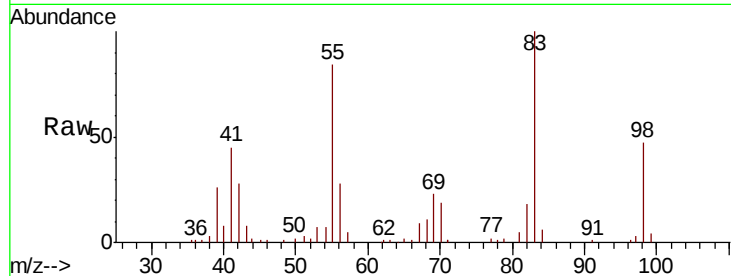




#39
Methvlcvclohexane
Concen: 4.862 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX008951.D
Acq: 15 Apr 2019 10:22

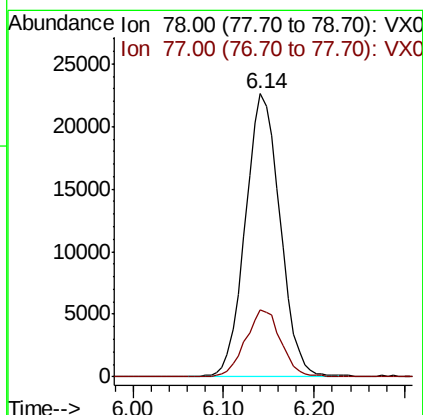
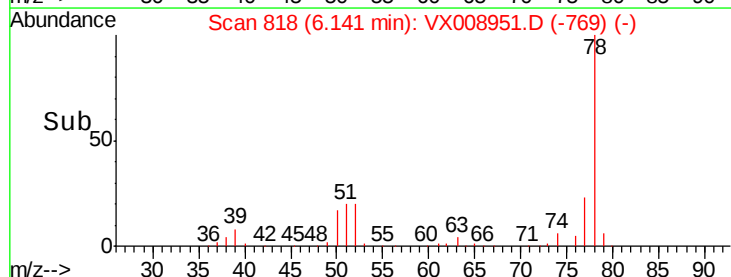
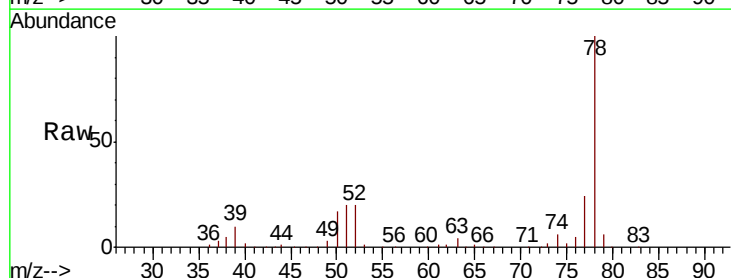
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

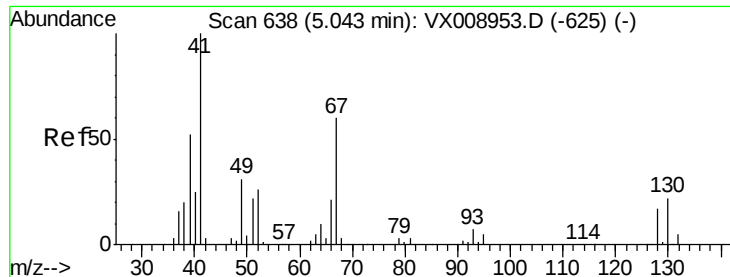
Tot Ion: 83 Resp: 24862
Ion Ratio Lower Upper
83 100
55 84.3 67.1 100.7
98 46.8 35.1 52.7



#40
Benzene
Concen: 4.877 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX008951.D
Acq: 15 Apr 2019 10:22

Tgt Ion: 78 Resp: 60057
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.6

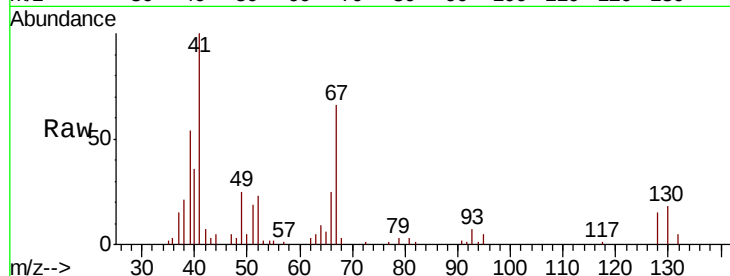




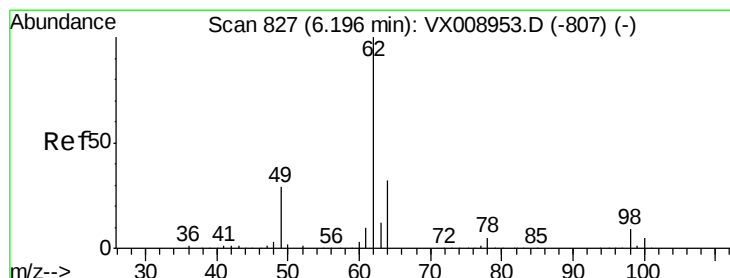
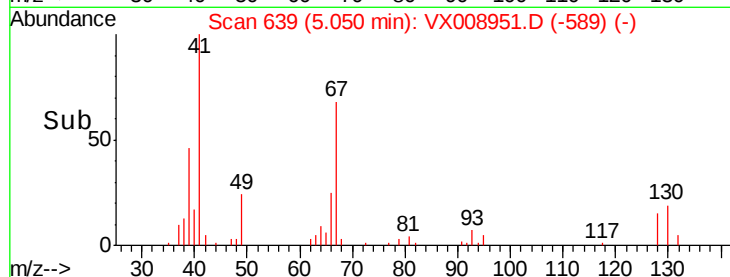
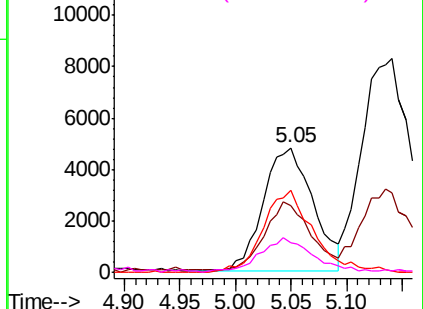
#41
Methacrylonitrile
Concen: 4.688 ug/l
RT: 5.05 min Scan# 639
Delta R.T. 0.01 min
Lab File: VX008951.D
Acq: 15 Apr 2019 10:22

Instrument :
MSVOA_X
ClientSampleID :
VSTDIC005

Tot Ion:	41	Resp:	14860
Ion	Ratio	Lower	Upper
41	100		
39	52.0	41.8	62.6
67	66.9	50.2	75.4
52	29.2	21.1	31.7

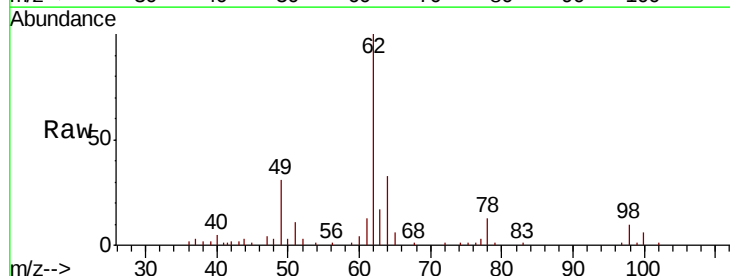


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

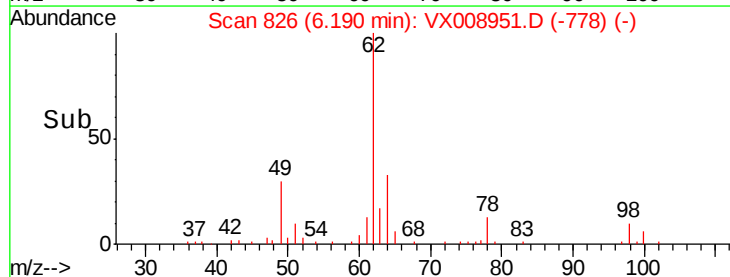
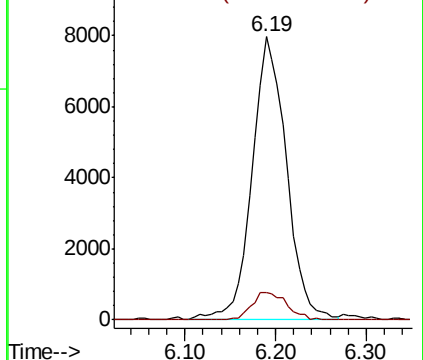


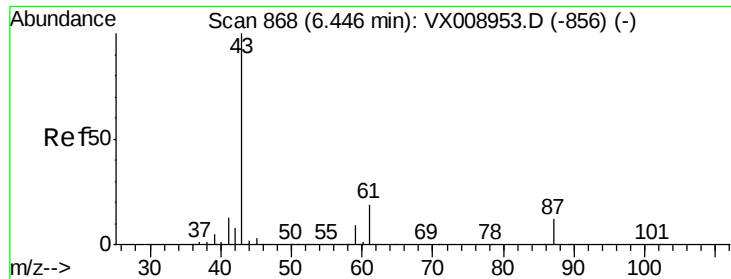
#42
1,2-Dichloroethane
Concen: 4.754 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.01 min
Lab File: VX008951.D
Acq: 15 Apr 2019 10:22

Tgt Ion:	62	Resp:	20980
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	18.4



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





#43

Isopropyl Acetate

Concen: 4.847 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX008951.D

Acq: 15 Apr 2019 10:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

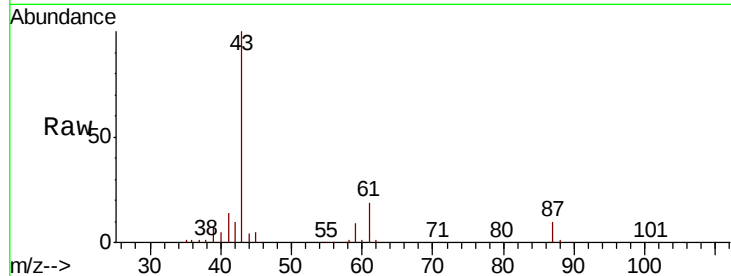
Tot Ion: 43 Resp: 41821

Ion Ratio Lower Upper

43 100

61 20.0 15.4 23.0

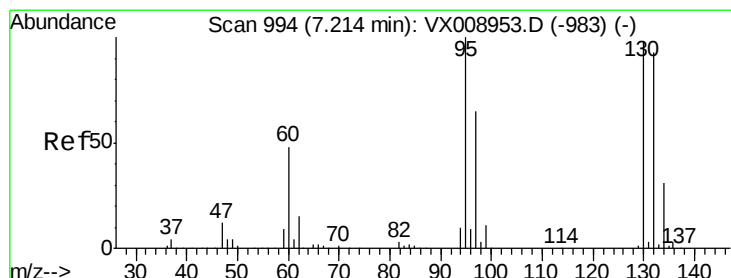
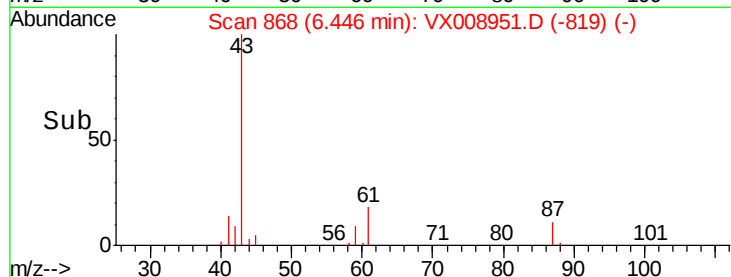
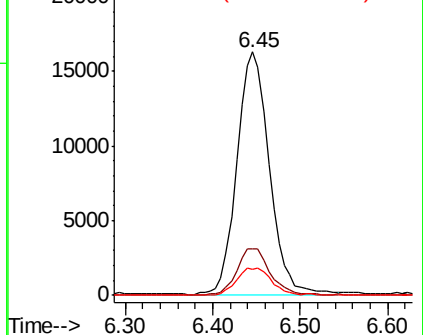
87 12.2 9.0 13.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 5.083 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX008951.D

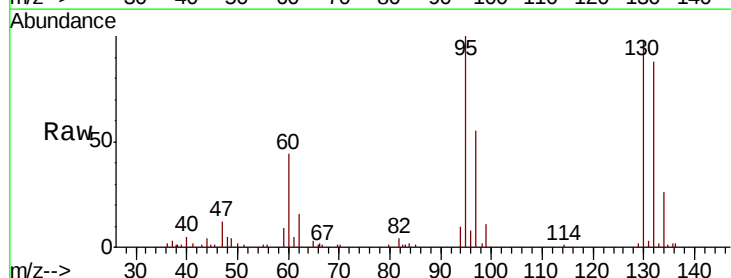
Acq: 15 Apr 2019 10:22

Tgt Ion:130 Resp: 14655

Ion Ratio Lower Upper

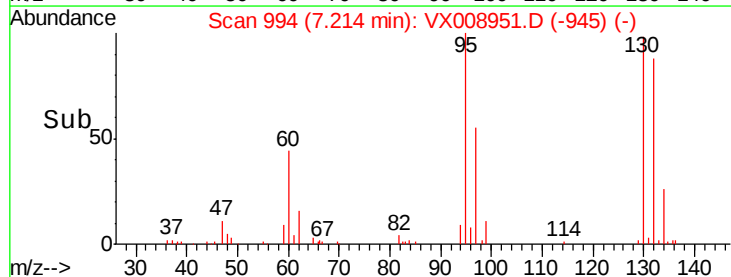
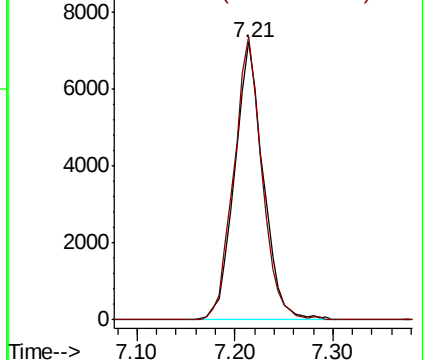
130 100

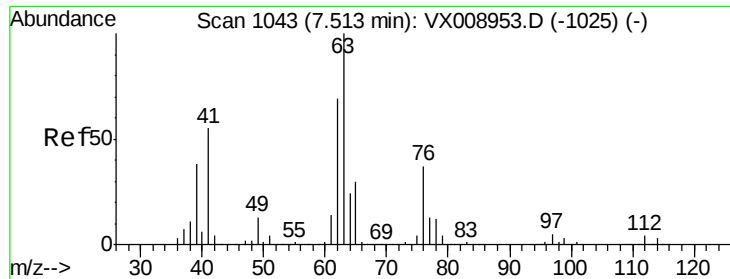
95 102.0 0.0 203.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

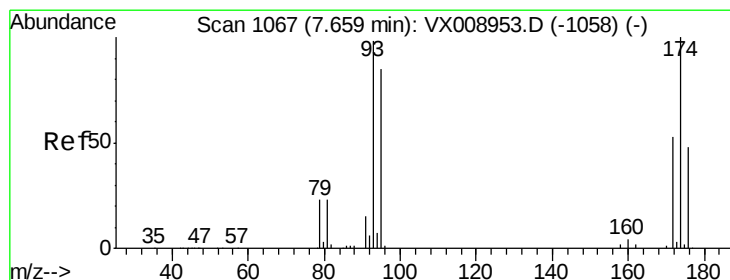
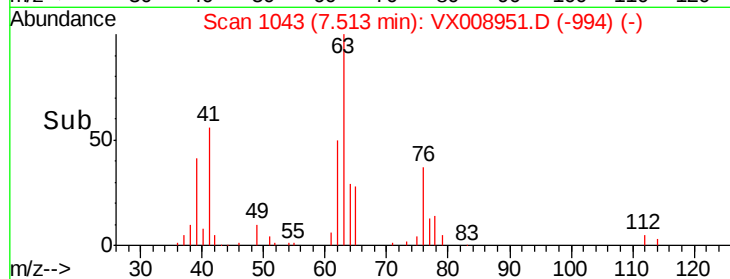
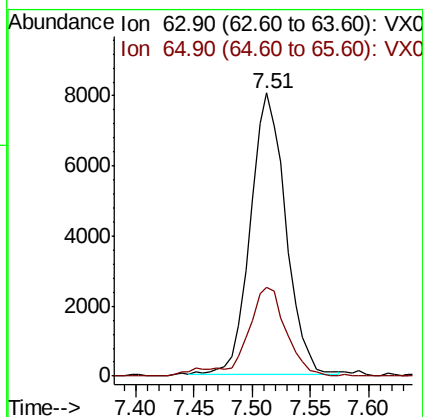
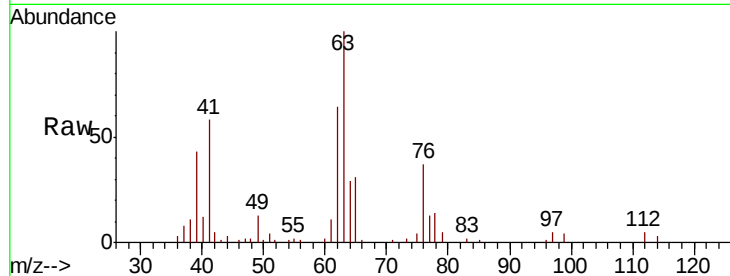




#45
 1,2-Dichloropropane
 Concen: 4.790 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX008951.D
 Acq: 15 Apr 2019 10:22

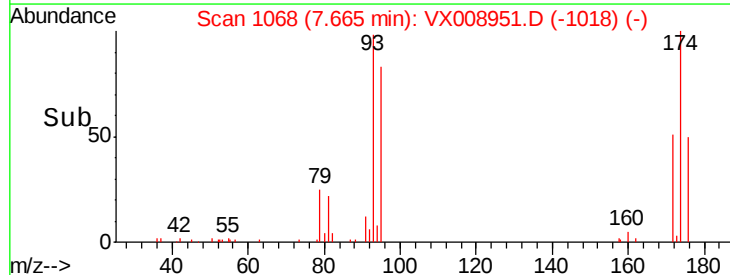
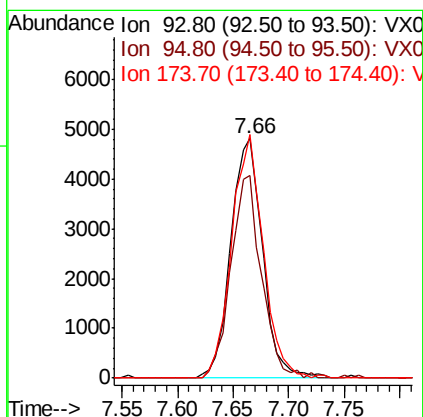
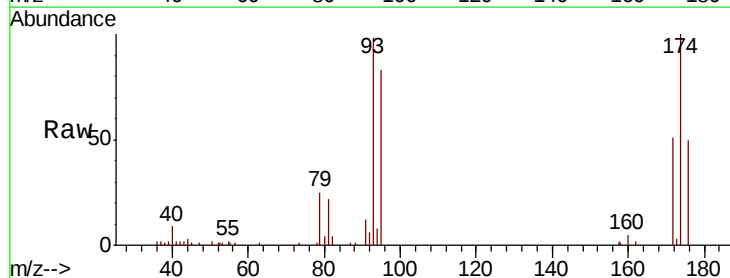
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

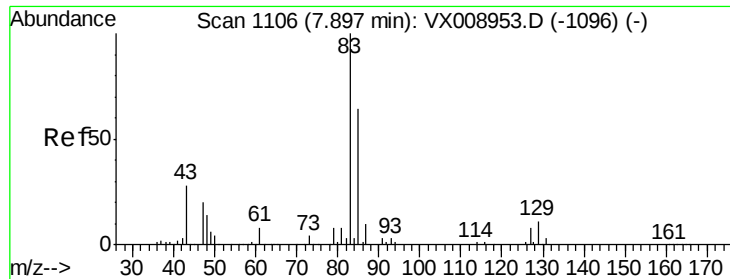
Tot Ion: 63 Resp: 16779
 Ion Ratio Lower Upper
 63 100
 65 31.7 24.1 36.1



#46
 Dibromomethane
 Concen: 4.689 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX008951.D
 Acq: 15 Apr 2019 10:22

Tgt Ion: 93 Resp: 9558
 Ion Ratio Lower Upper
 93 100
 95 81.3 67.0 100.4
 174 99.9 81.6 122.4





#47

Bromodichloromethane

Concen: 4.703 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008951.D

Acq: 15 Apr 2019 10:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

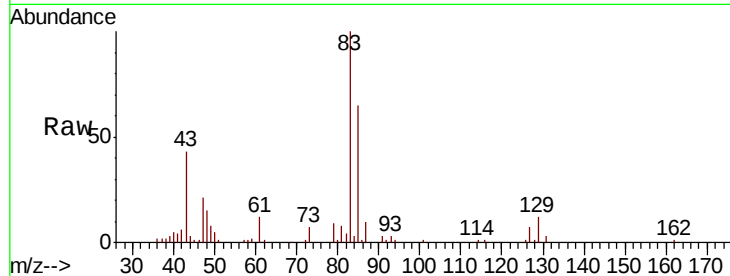
Tot Ion: 83 Resp: 18078

Ion Ratio Lower Upper

83 100

85 64.9 50.8 76.2

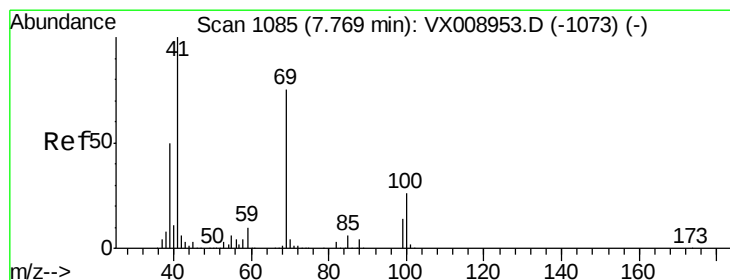
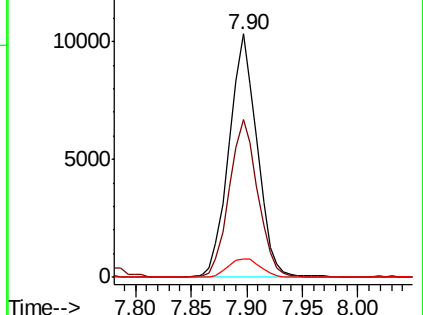
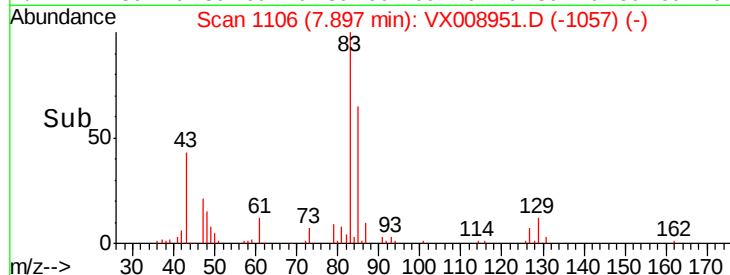
127 7.5 6.4 9.6



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: 4.786 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX008951.D

Acq: 15 Apr 2019 10:22

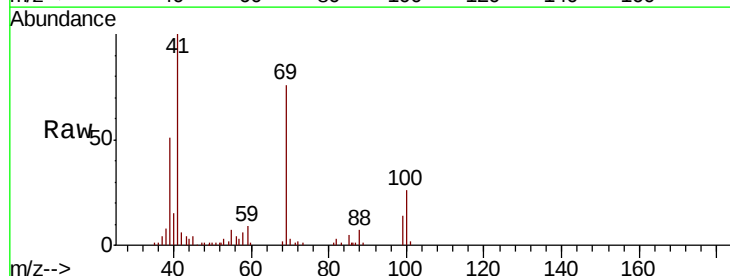
Tgt Ion: 41 Resp: 20838

Ion Ratio Lower Upper

41 100

69 73.0 59.4 89.2

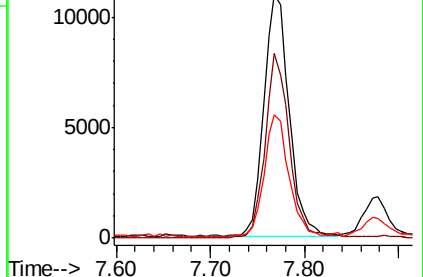
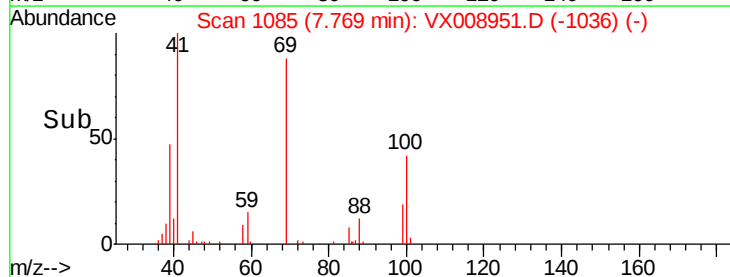
39 49.1 39.8 59.6

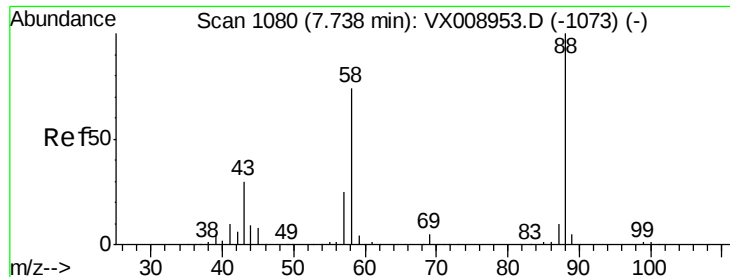


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 97.507 ug/l

RT: 7.74 min Scan# 1081

Delta R.T. 0.01 min

Lab File: VX008951.D

Acq: 15 Apr 2019 10:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

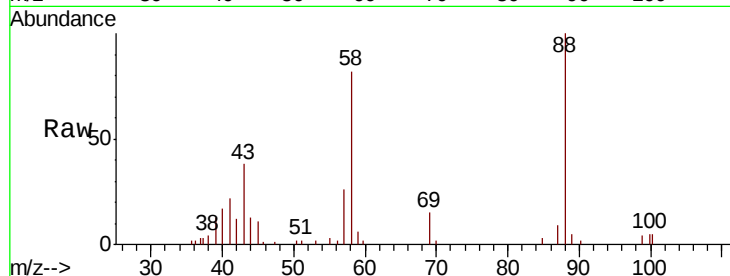
Tot Ion: 88 Resp: 7898

Ion Ratio Lower Upper

88 100

43 38.5 29.3 43.9

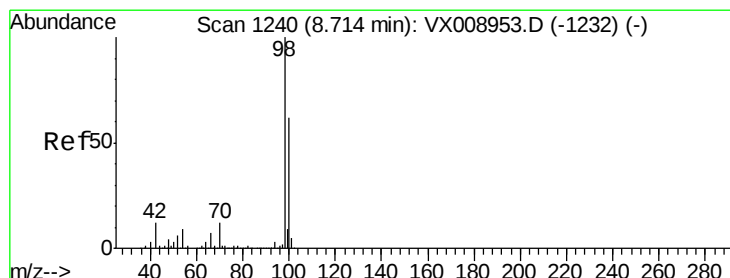
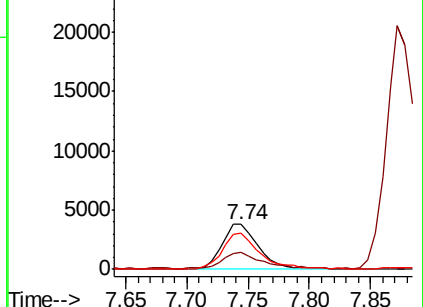
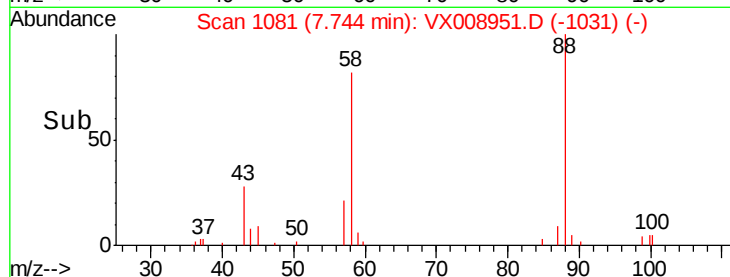
58 83.1 62.6 93.8



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: 5.115 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008951.D

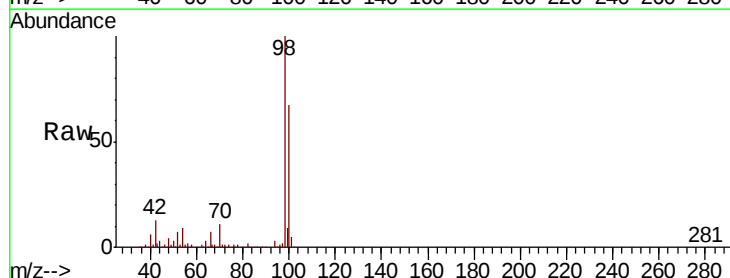
Acq: 15 Apr 2019 10:22

Tgt Ion: 98 Resp: 49746

Ion Ratio Lower Upper

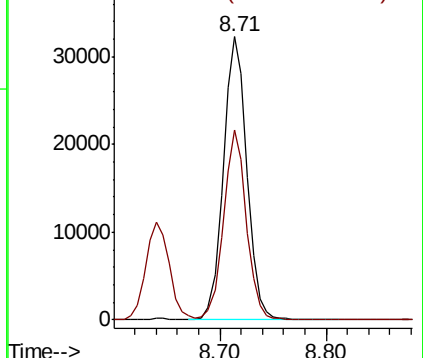
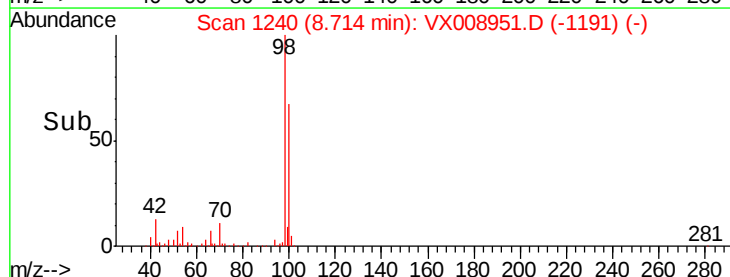
98 100

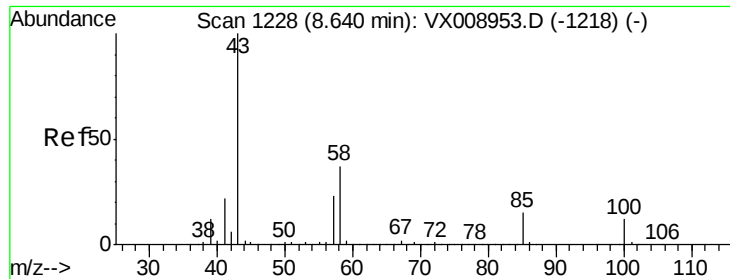
100 65.1 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

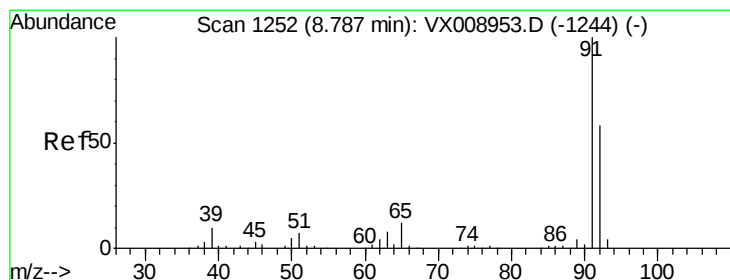
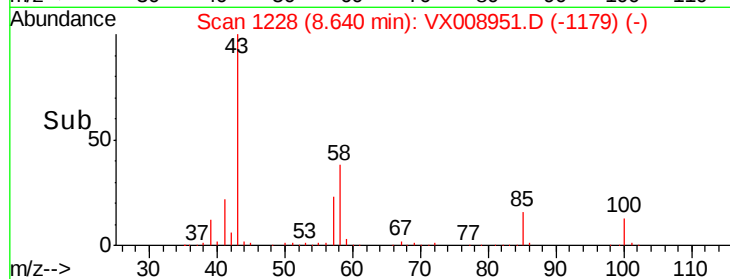
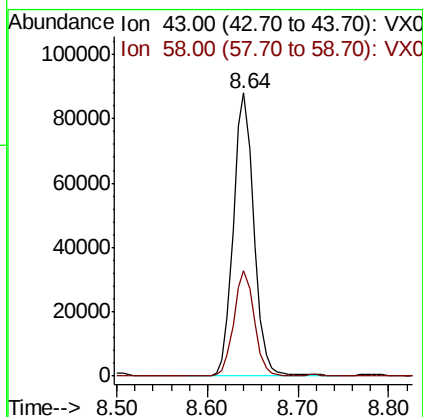
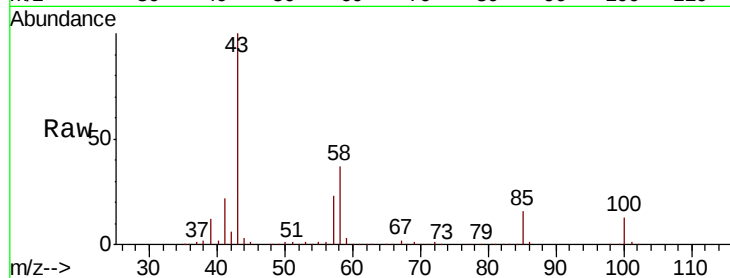




#51
4-Methyl-2-Pentanone
Concen: 24.858 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX008951.D
Acq: 15 Apr 2019 10:22

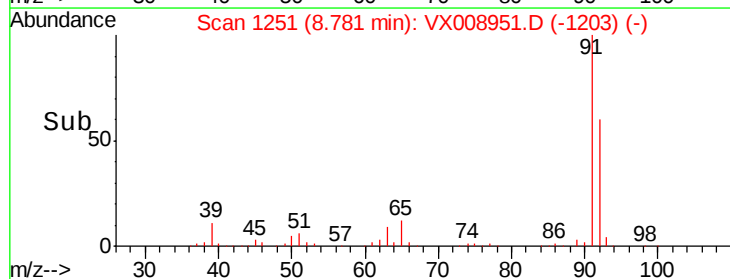
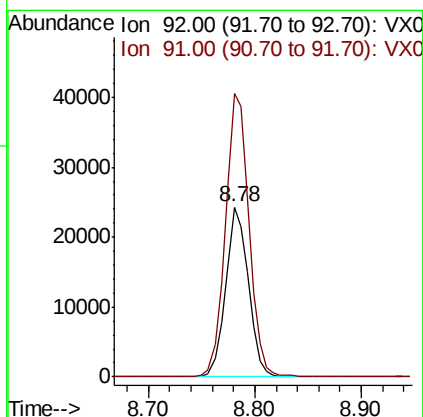
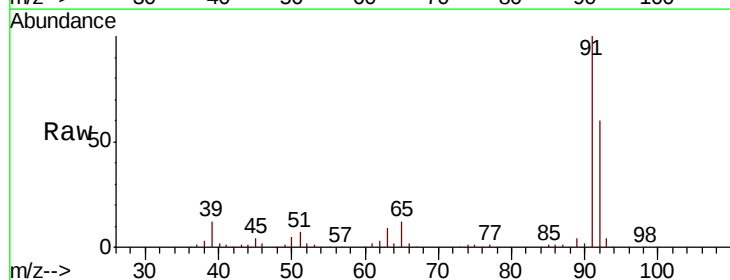
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

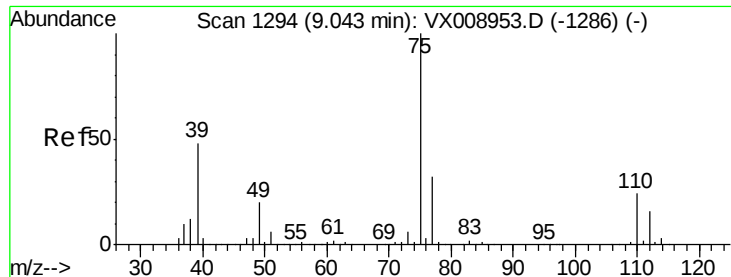
Tot Ion: 43 Resp: 137818
Ion Ratio Lower Upper
43 100
58 37.1 29.8 44.6



#52
Toluene
Concen: 5.016 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX008951.D
Acq: 15 Apr 2019 10:22

Tgt Ion: 92 Resp: 36410
Ion Ratio Lower Upper
92 100
91 173.2 138.5 207.7





#53

t-1,3-Dichloropropene

Concen: 4.711 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX008951.D

Acq: 15 Apr 2019 10:22

Instrument :

MSVOA_X

ClientSampleId :

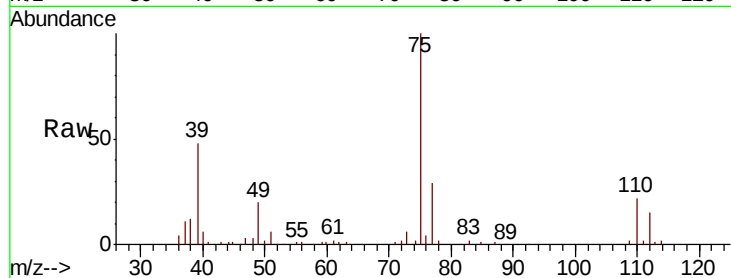
VSTDIC005

Tot Ion: 75 Resp: 20373

Ion Ratio Lower Upper

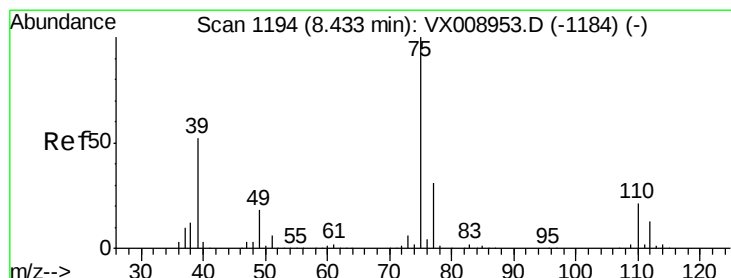
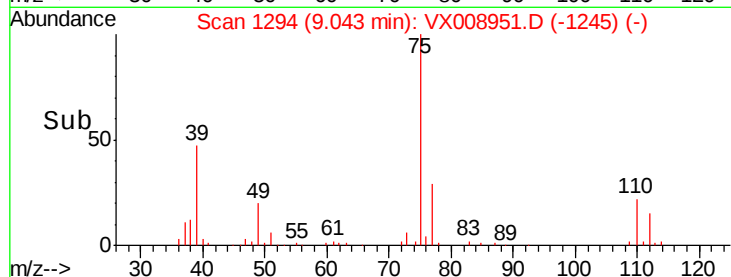
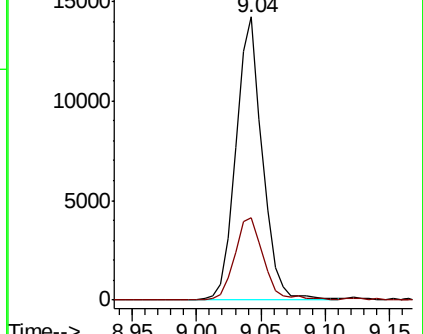
75 100

77 29.2 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 4.761 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX008951.D

Acq: 15 Apr 2019 10:22

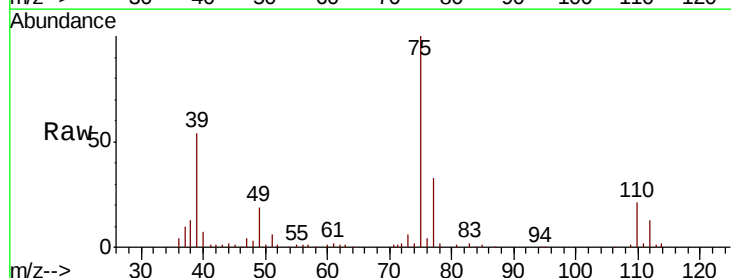
Tgt Ion: 75 Resp: 23456

Ion Ratio Lower Upper

75 100

77 33.4 24.8 37.2

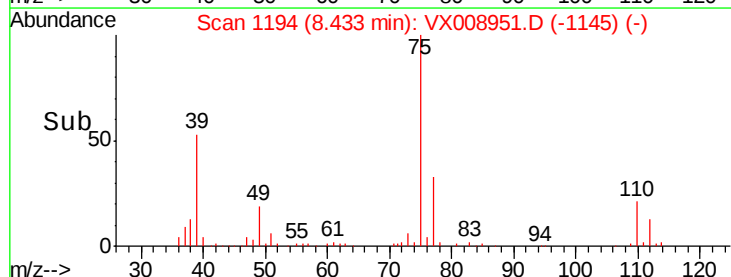
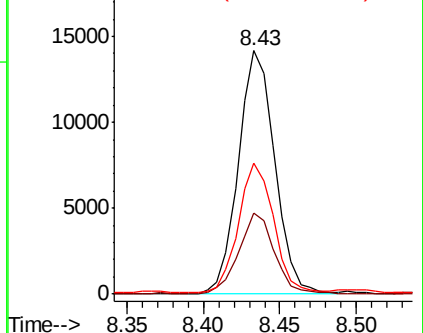
39 53.3 41.8 62.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0



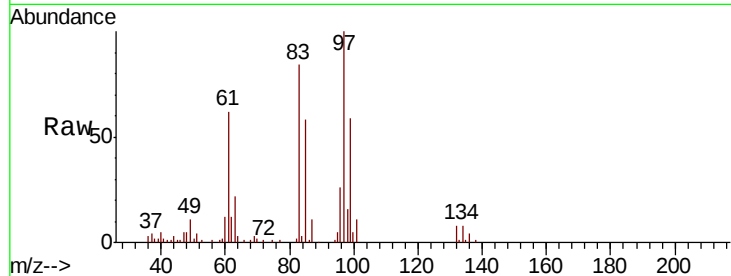


#55
 1,1,2-Trichloroethane
 Concen: 5.110 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008951.D
 Acq: 15 Apr 2019 10:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion: 97 Resp: 14899

Ion	Ratio	Lower	Upper
97	100		
83	83.9	72.6	108.8
85	58.4	46.9	70.3
99	59.4	51.0	76.6



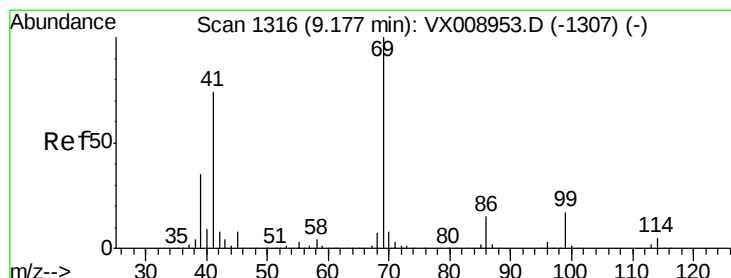
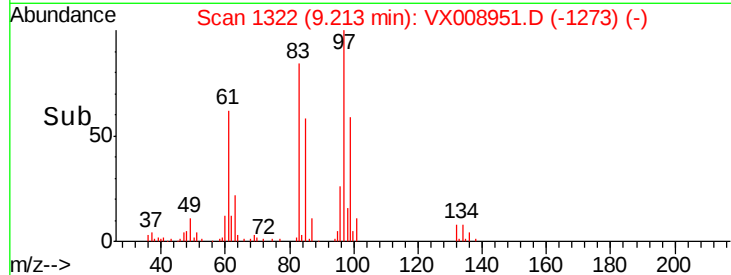
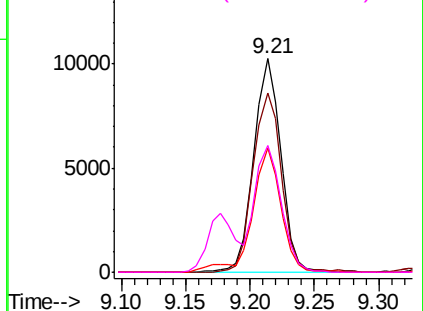
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

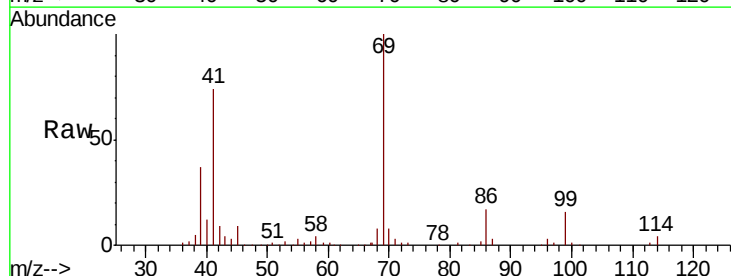
Ion 98.90 (98.60 to 99.60): VX0



#56
 Ethyl methacrylate
 Concen: 4.873 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX008951.D
 Acq: 15 Apr 2019 10:22

Tgt Ion: 69 Resp: 25619

Ion	Ratio	Lower	Upper
69	100		
41	73.3	60.2	90.2
39	35.1	27.9	41.9

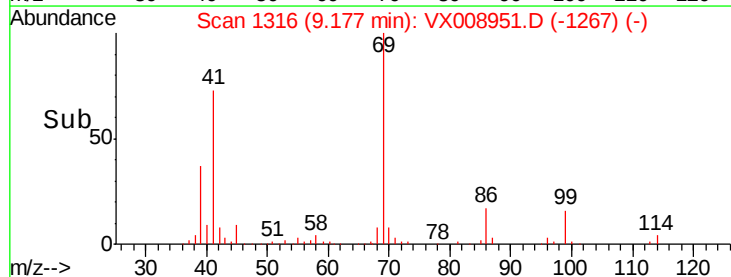
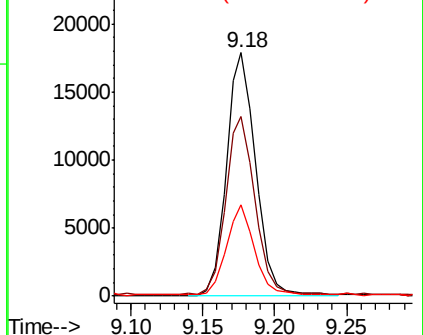


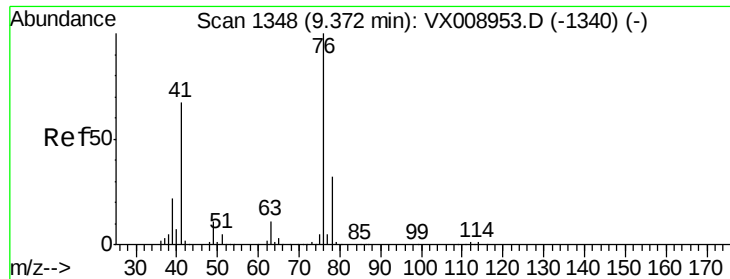
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 5.053 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX008951.D

Acq: 15 Apr 2019 10:22

Instrument :

MSVOA_X

ClientSampleId :

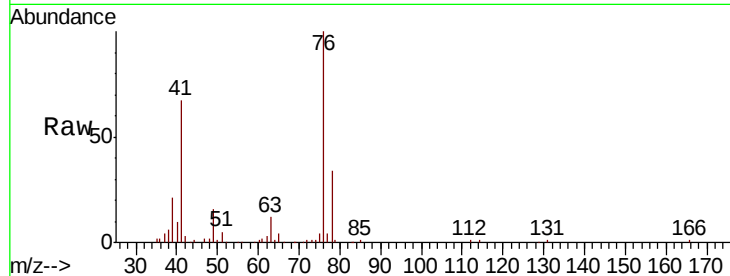
VSTDIC005

Tot Ion: 76 Resp: 26398

Ion Ratio Lower Upper

76 100

78 32.1 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

15000

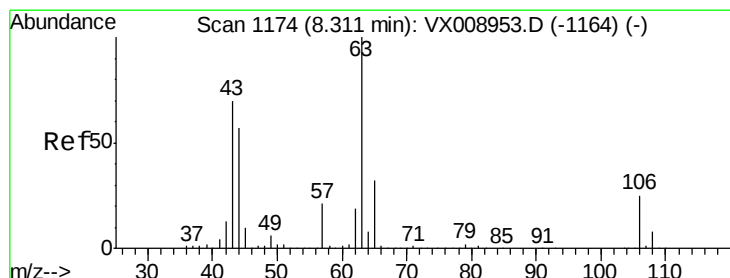
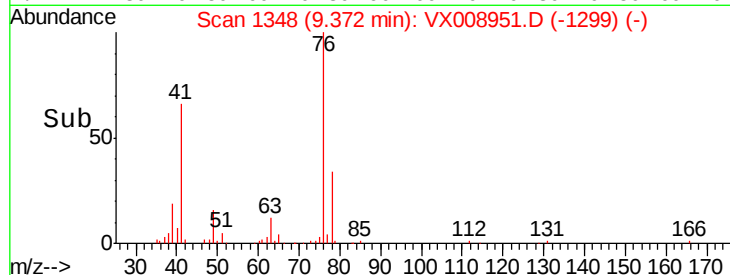
10000

5000

0

9.30 9.40 9.50

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 25.323 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX008951.D

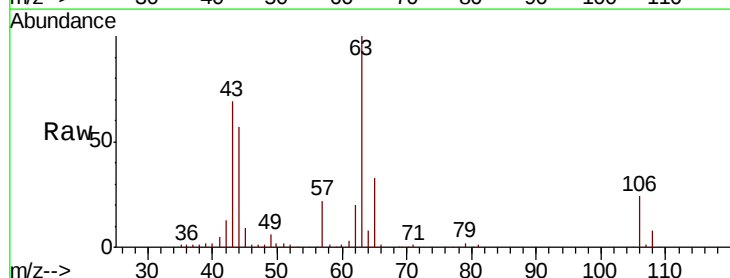
Acq: 15 Apr 2019 10:22

Tgt Ion: 63 Resp: 68640

Ion Ratio Lower Upper

63 100

106 24.2 19.8 29.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.31

50000

40000

30000

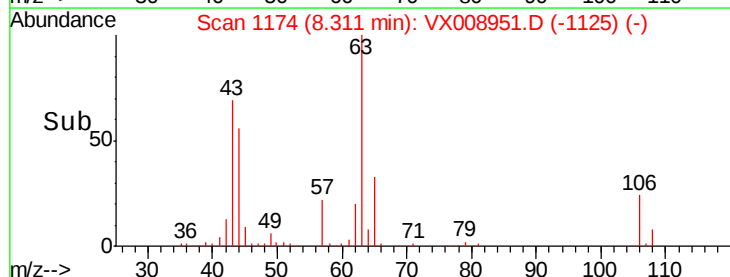
20000

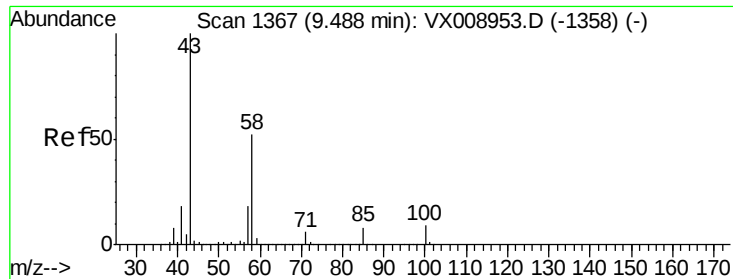
10000

0

8.20 8.25 8.30 8.35 8.40

Time-->

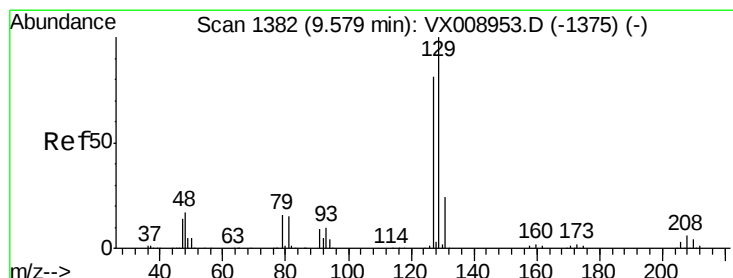
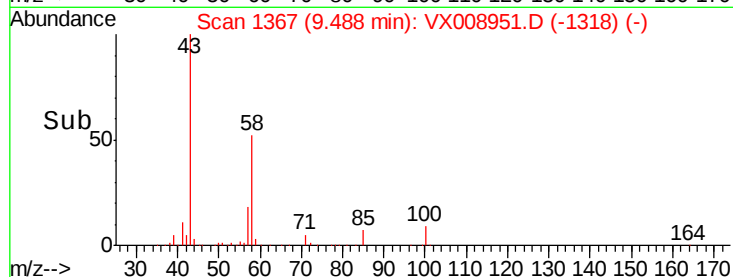
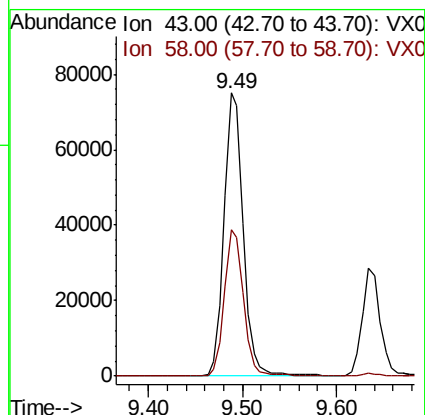
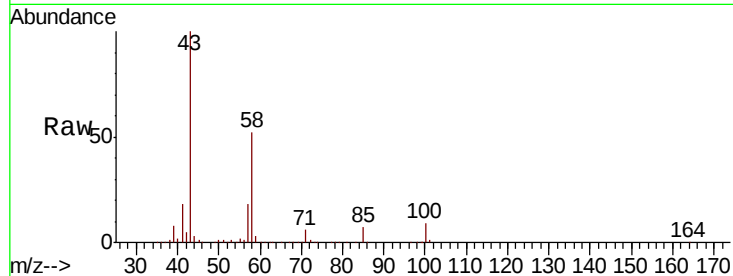




#59
2-Hexanone
Concen: 24.498 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX008951.D
Acq: 15 Apr 2019 10:22

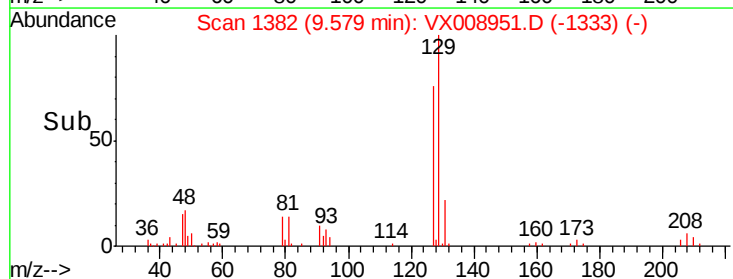
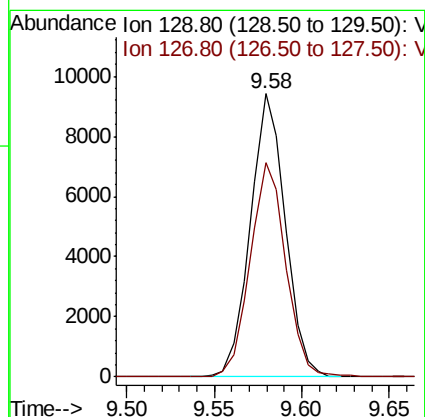
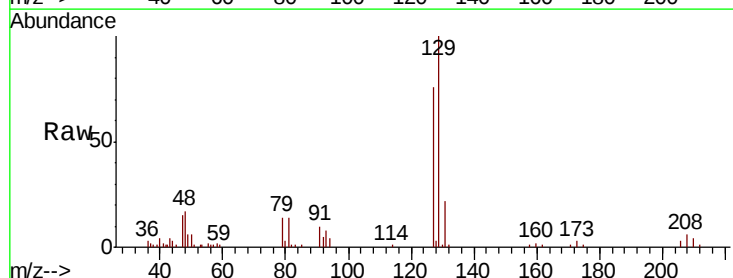
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

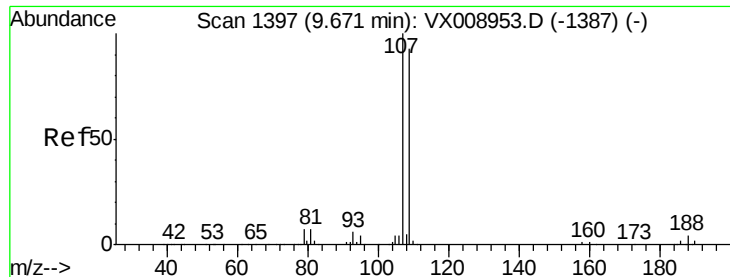
Tot Ion: 43 Resp: 105608
Ion Ratio Lower Upper
43 100
58 51.8 25.9 77.8



#60
Dibromochloromethane
Concen: 4.745 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX008951.D
Acq: 15 Apr 2019 10:22

Tgt Ion:129 Resp: 13062
Ion Ratio Lower Upper
129 100
127 77.1 39.1 117.2





#61

1,2-Dibromoethane

Concen: 4.876 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008951.D

Acq: 15 Apr 2019 10:22

Instrument :

MSVOA_X

ClientSampleId :

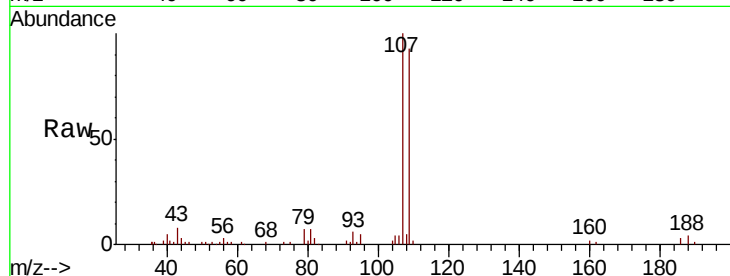
VSTDIC005

Tot Ion:107 Resp: 14795

Ion Ratio Lower Upper

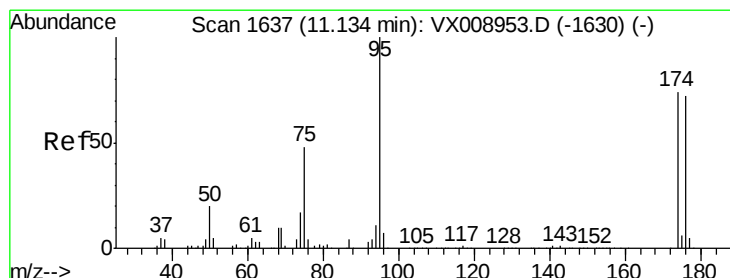
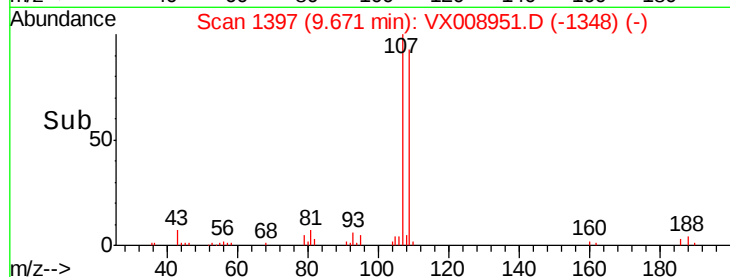
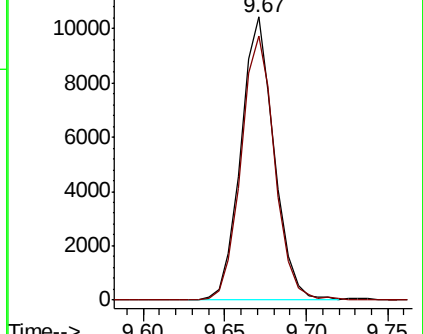
107 100

109 94.2 74.4 111.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 4.947 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008951.D

Acq: 15 Apr 2019 10:22

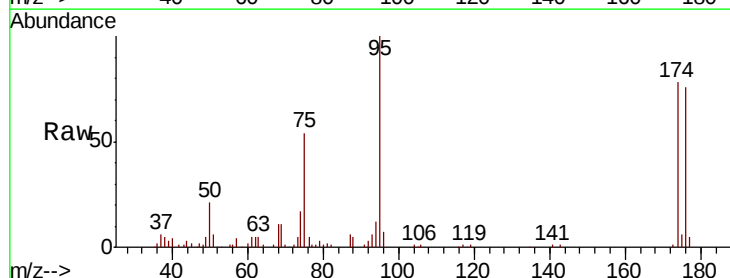
Tgt Ion: 95 Resp: 17048

Ion Ratio Lower Upper

95 100

174 80.8 0.0 159.6

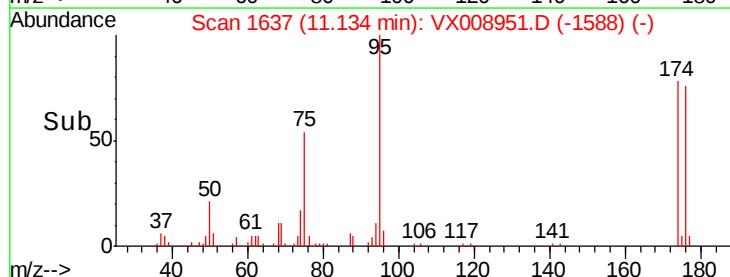
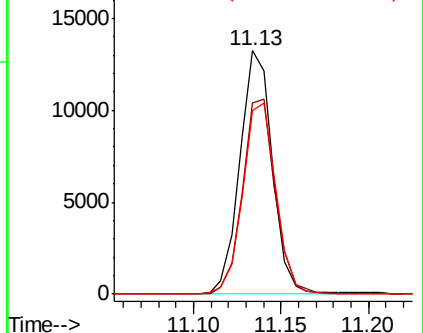
176 79.6 0.0 154.8

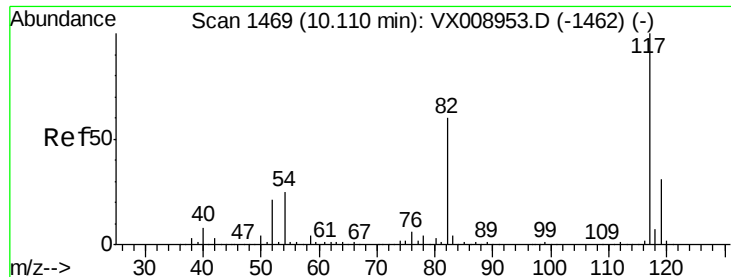


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

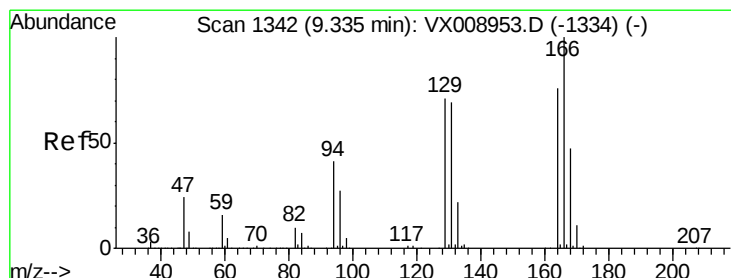
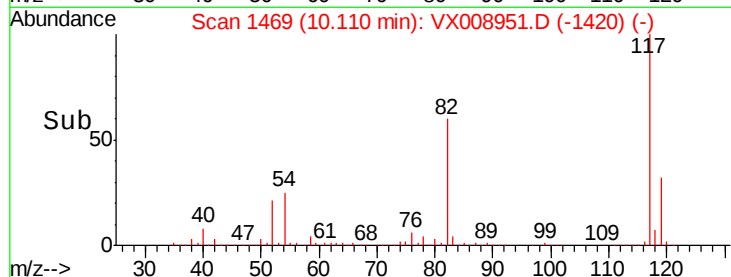
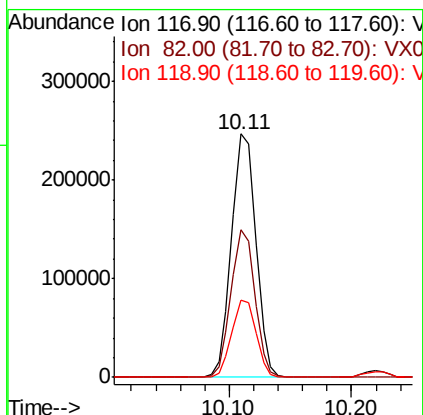
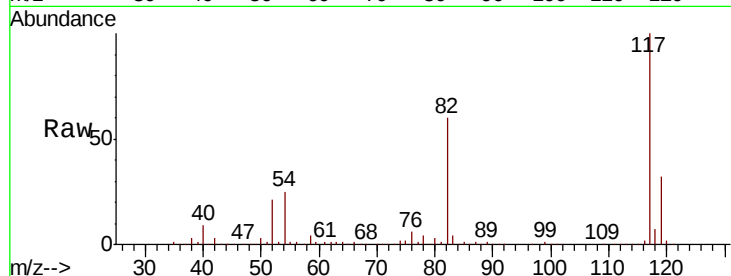




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008951.D
Acq: 15 Apr 2019 10:22

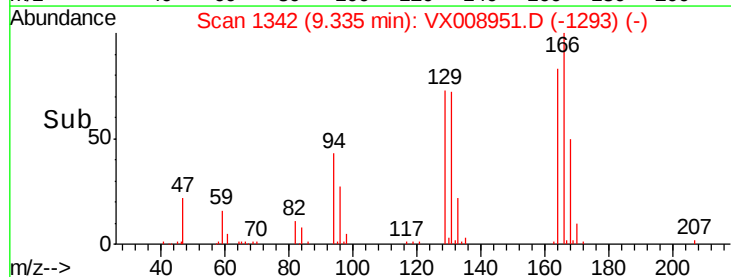
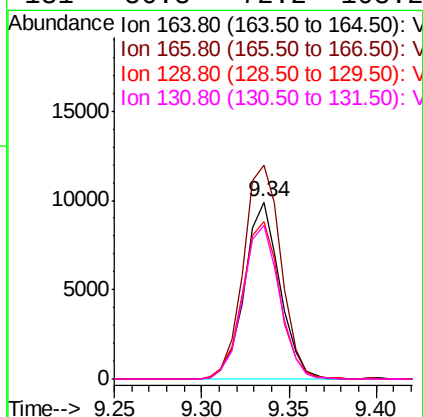
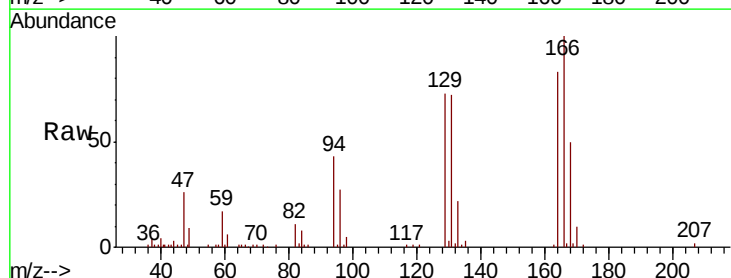
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

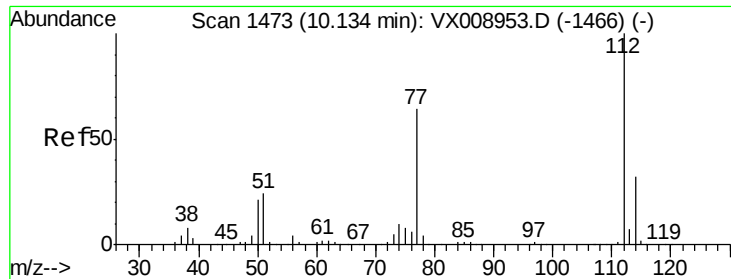
Tot Ion:117 Resp: 340847
Ion Ratio Lower Upper
117 100
82 60.5 48.2 72.4
119 31.7 25.0 37.6



#64
Tetrachloroethene
Concen: 5.501 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008951.D
Acq: 15 Apr 2019 10:22

Tgt Ion:164 Resp: 13831
Ion Ratio Lower Upper
164 100
166 120.8 105.0 157.4
129 88.7 74.2 111.4
131 86.8 72.2 108.2

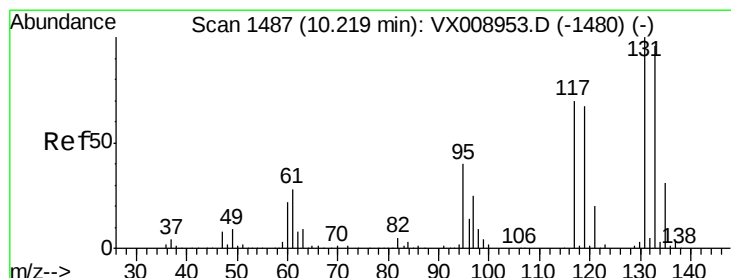
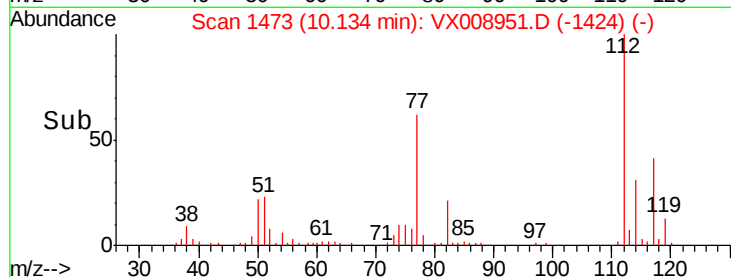
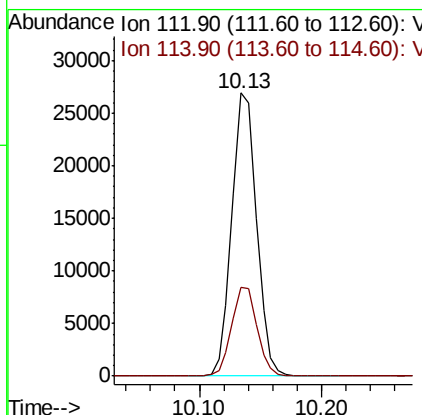
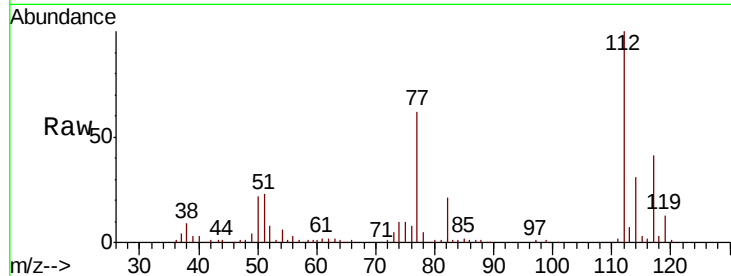




#65
Chlorobenzene
Concen: 5.074 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX008951.D
Acq: 15 Apr 2019 10:22

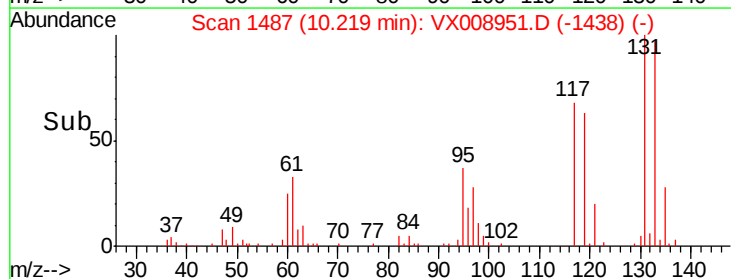
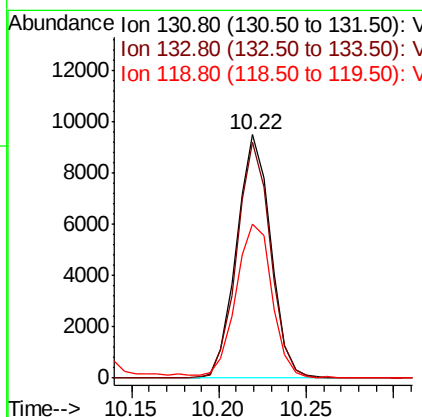
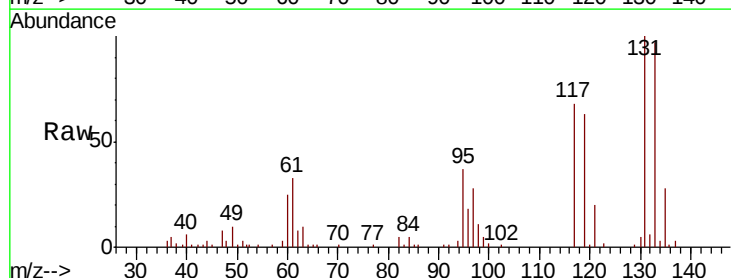
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

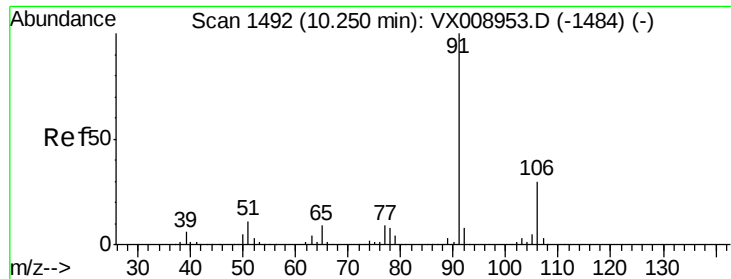
Tot Ion:112 Resp: 37676
Ion Ratio Lower Upper
112 100
114 31.4 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 4.956 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX008951.D
Acq: 15 Apr 2019 10:22

Tgt Ion:131 Resp: 12906
Ion Ratio Lower Upper
131 100
133 95.3 48.0 144.2
119 67.4 33.7 101.1

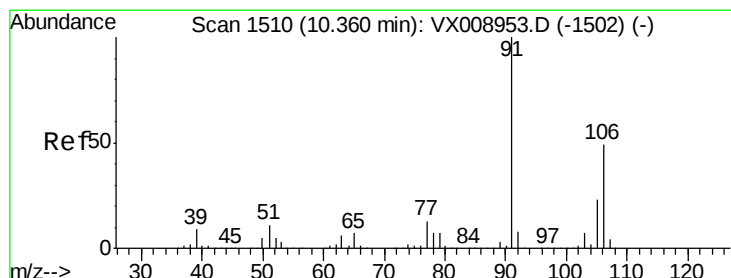
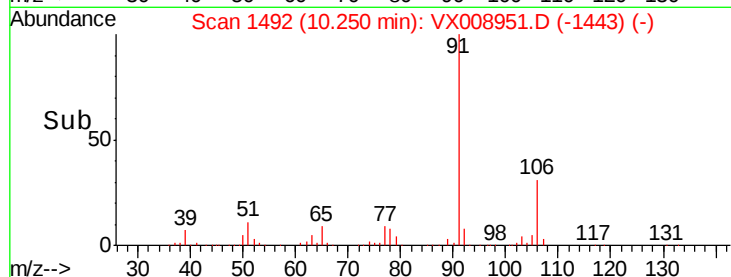
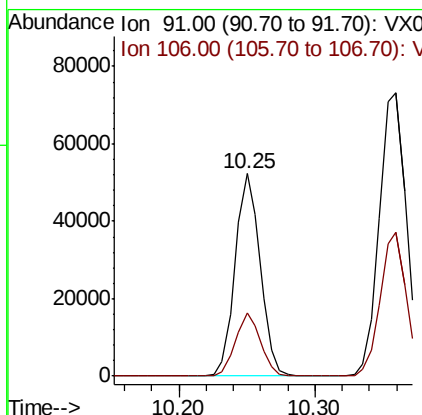
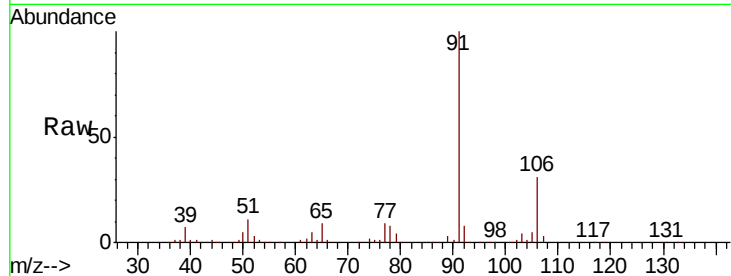




#67
Ethyl Benzene
Concen: 4.883 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX008951.D
Acq: 15 Apr 2019 10:22

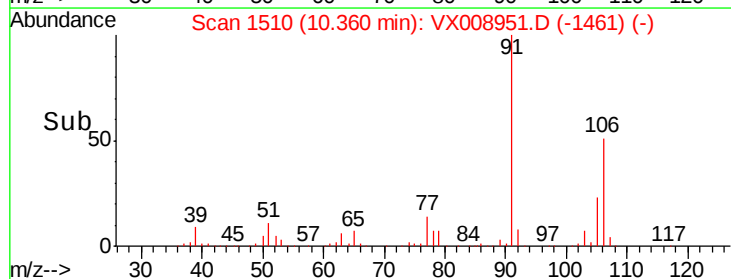
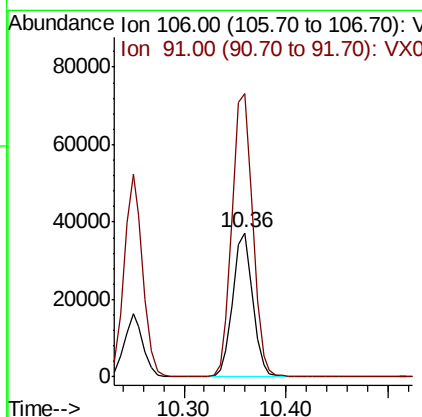
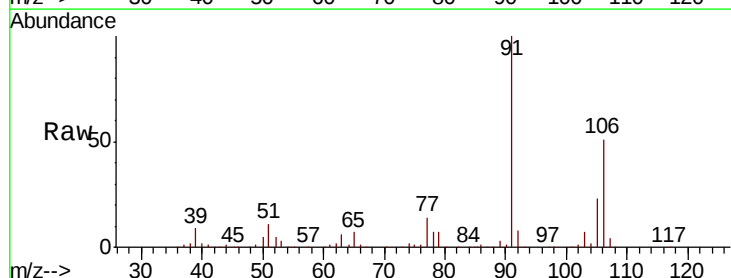
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

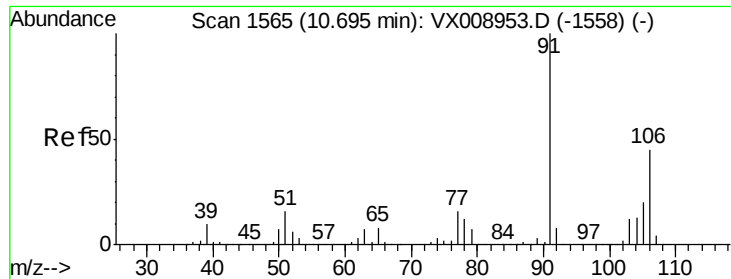
Tot Ion: 91 Resp: 67429
Ion Ratio Lower Upper
91 100
106 31.4 24.3 36.5



#68
m/p-Xylenes
Concen: 10.040 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX008951.D
Acq: 15 Apr 2019 10:22

Tgt Ion: 106 Resp: 49918
Ion Ratio Lower Upper
106 100
91 203.9 165.4 248.2

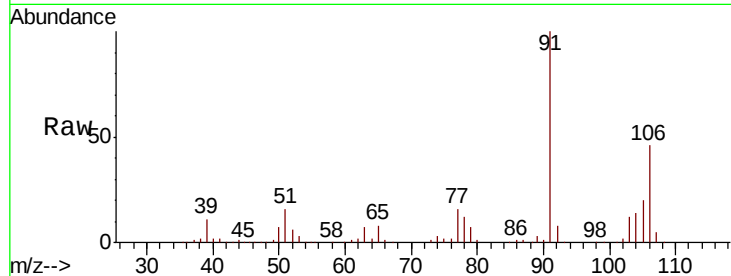




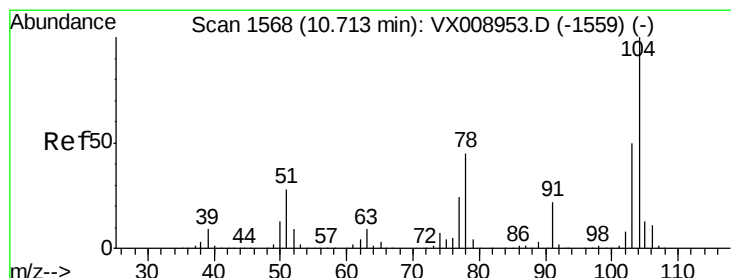
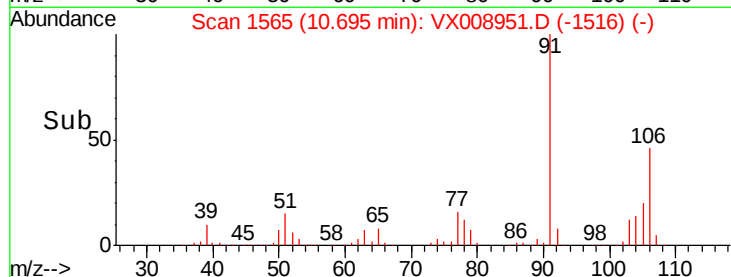
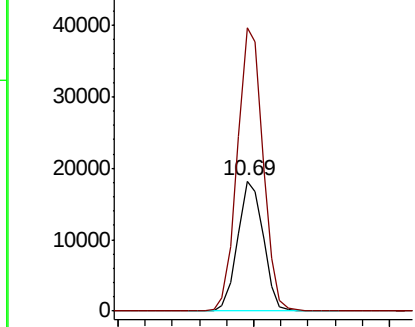
#69
o-Xylene
Concen: 4.968 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX008951.D
Acq: 15 Apr 2019 10:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion:106 Resp: 23943
Ion Ratio Lower Upper
106 100
91 218.0 108.9 326.7

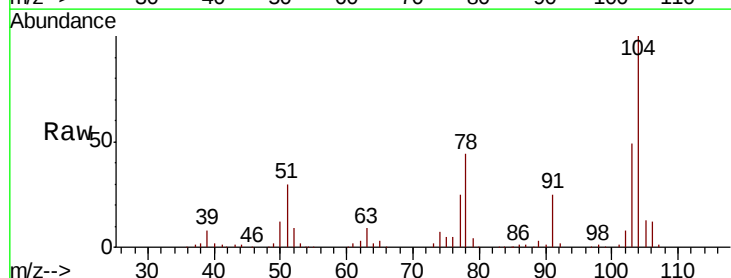


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

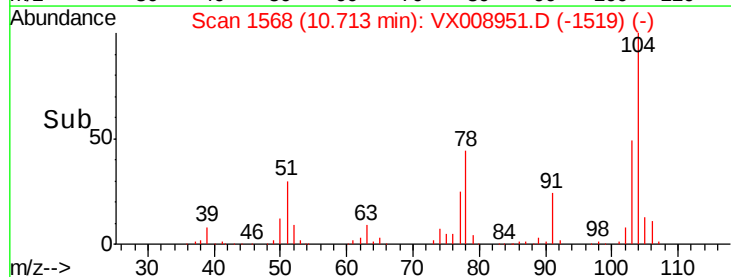
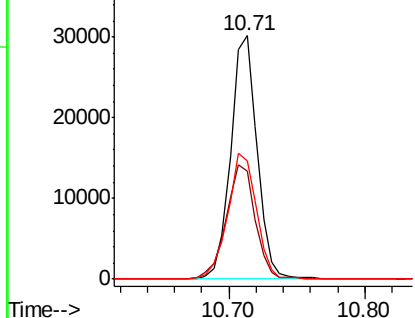


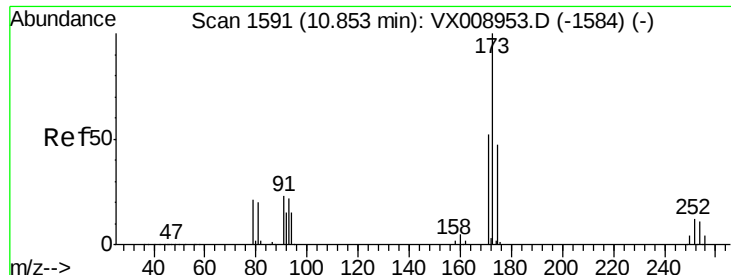
#70
Styrene
Concen: 4.900 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX008951.D
Acq: 15 Apr 2019 10:22

Tgt Ion:104 Resp: 40711
Ion Ratio Lower Upper
104 100
78 51.9 41.2 61.8
103 56.5 43.9 65.9



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





#71

Bromoform

Concen: 4.736 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX008951.D

Acq: 15 Apr 2019 10:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

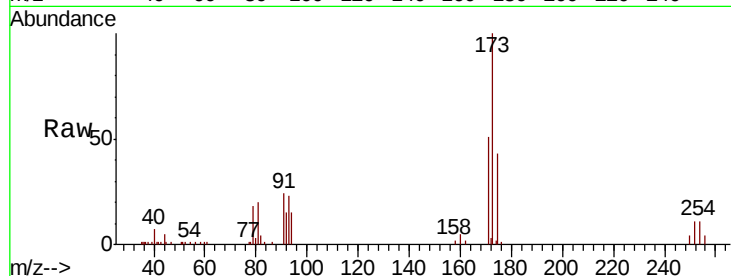
Tot Ion:173 Resp: 9466

Ion Ratio Lower Upper

173 100

175 48.0 23.9 71.8

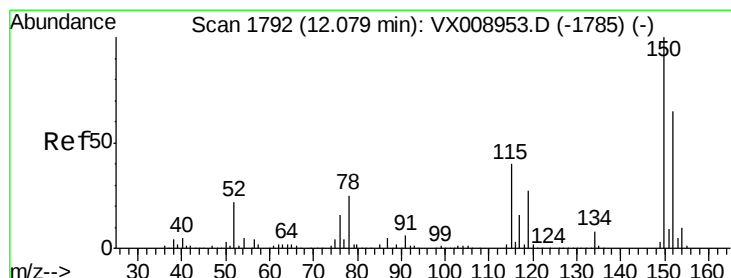
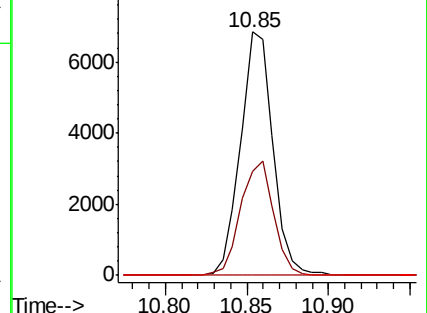
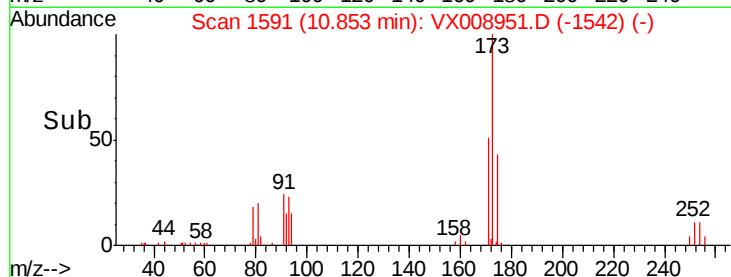
254 0.0 0.2 0.4#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX008951.D

Acq: 15 Apr 2019 10:22

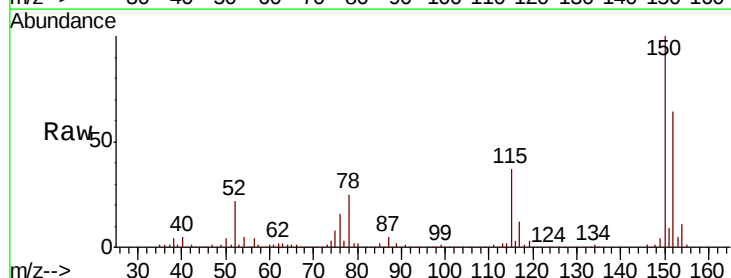
Tgt Ion:152 Resp: 160174

Ion Ratio Lower Upper

152 100

115 61.4 41.4 124.2

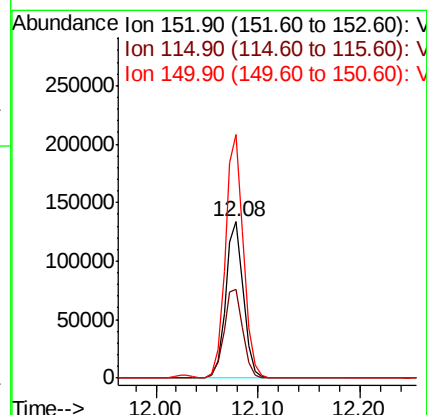
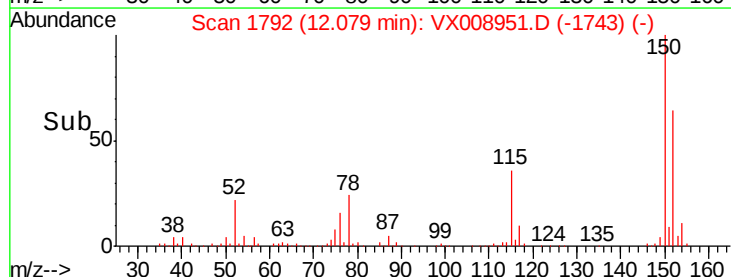
150 158.1 0.0 349.8

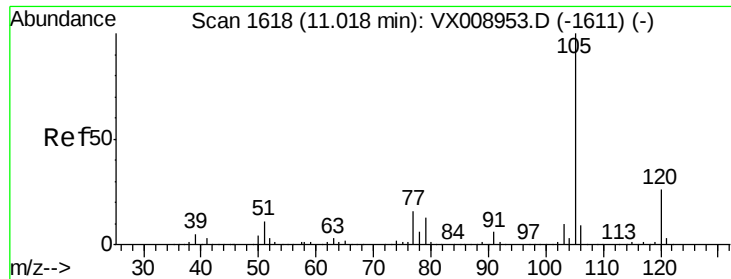


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 4.953 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008951.D

Acq: 15 Apr 2019 10:22

Instrument :

MSVOA_X

ClientSampleId :

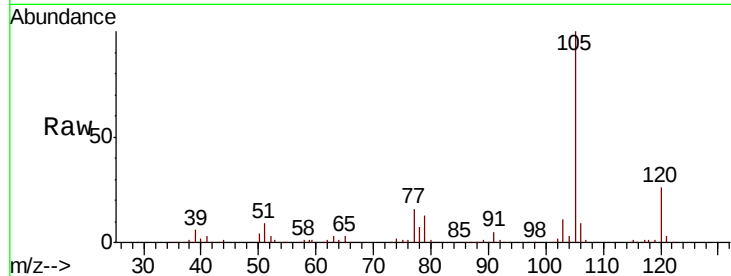
VSTDIC005

Tot Ion:105 Resp: 64228

Ion Ratio Lower Upper

105 100

120 26.2 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

50000

40000

30000

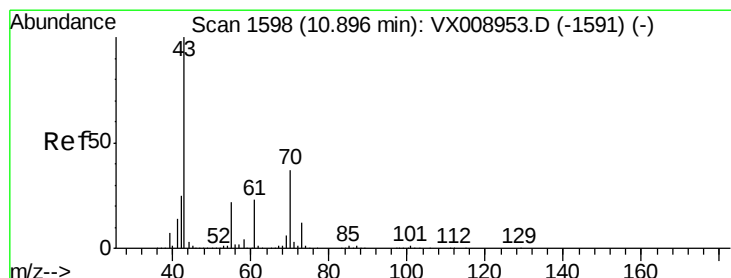
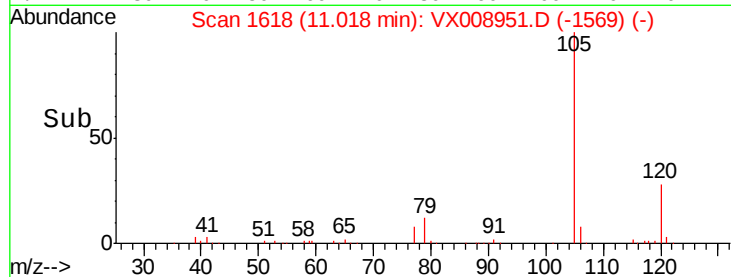
20000

10000

0

10.95 11.00 11.05

Time-->



#74

N-ethyl acetate

Concen: 4.597 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008951.D

Acq: 15 Apr 2019 10:22

Tgt Ion: 43 Resp: 35049

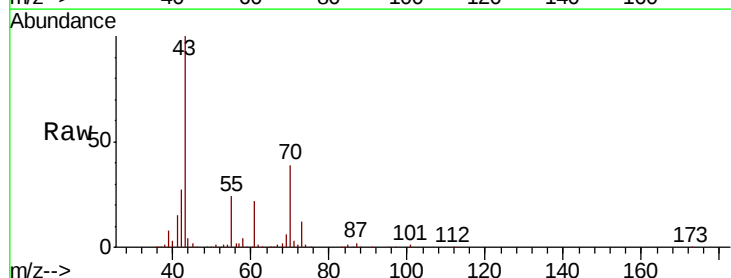
Ion Ratio Lower Upper

43 100

70 37.9 29.9 44.9

55 23.6 17.8 26.8

61 23.0 18.3 27.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

10.90

40000

30000

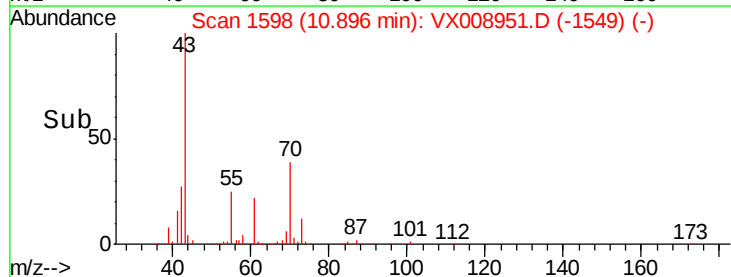
20000

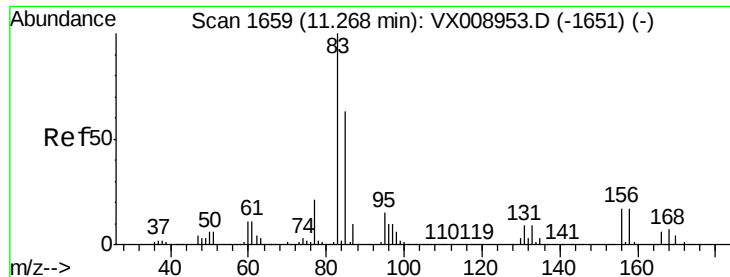
10000

0

10.80 10.90 11.00

Time-->

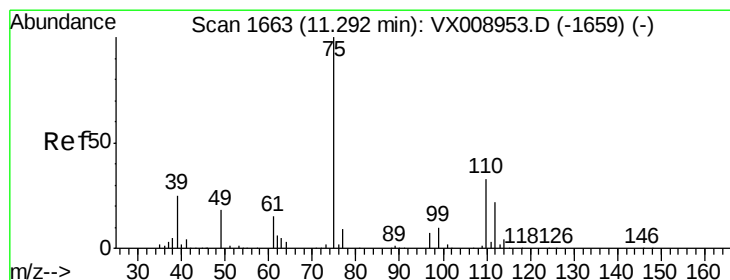
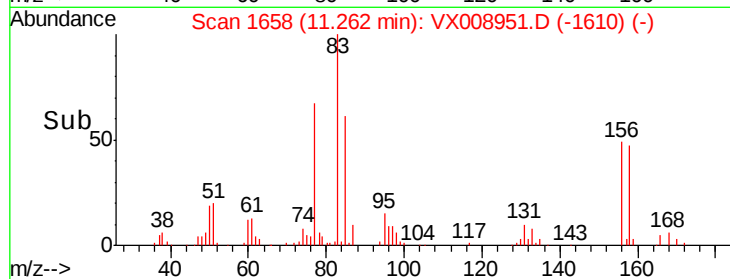
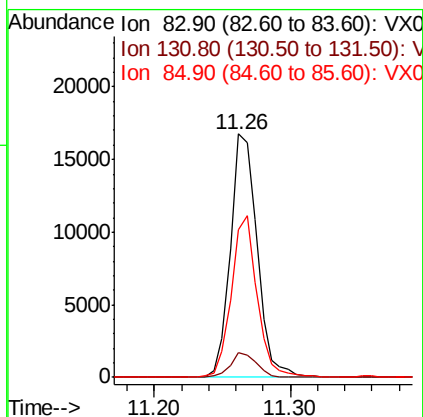
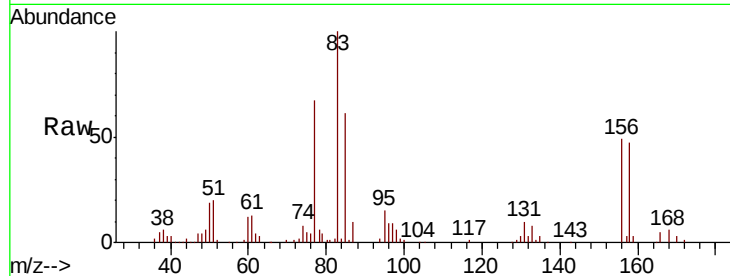




#75
 1,1,2,2-Tetrachloroethane
 Concen: 4.672 ug/l
 RT: 11.26 min Scan# 1658
 Delta R.T. -0.01 min
 Lab File: VX008951.D
 Acq: 15 Apr 2019 10:22

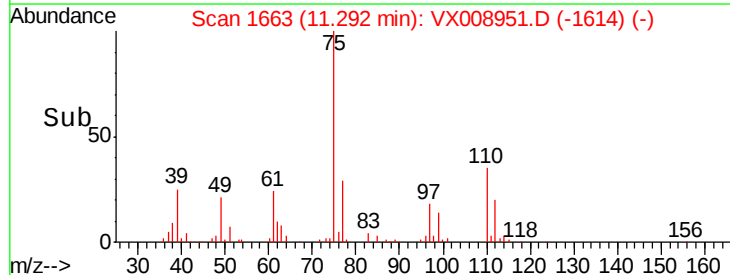
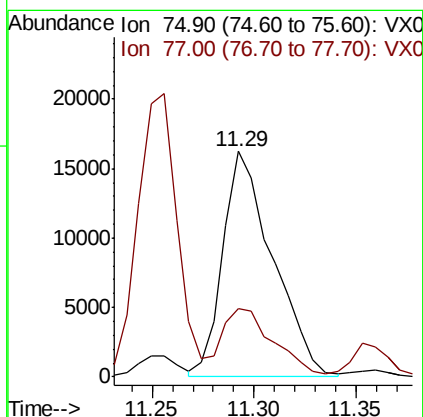
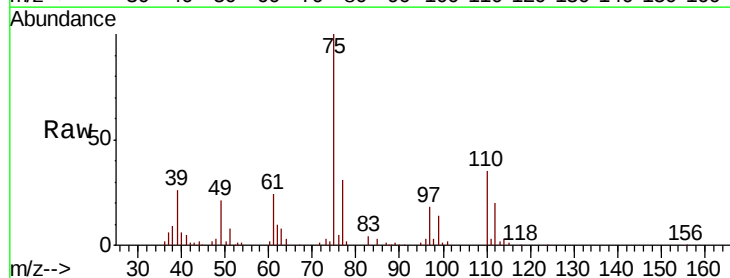
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

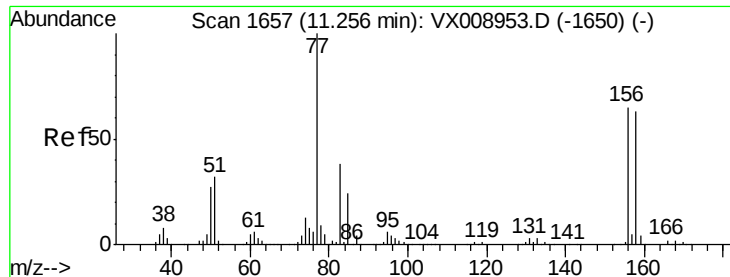
Tot Ion: 83 Resp: 22978
 Ion Ratio Lower Upper
 83 100
 131 9.8 4.7 14.0
 85 63.8 31.9 95.9



#76
 1,2,3-Trichloropropane
 Concen: 6.417 ug/l
 RT: 11.29 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: VX008951.D
 Acq: 15 Apr 2019 10:22

Tgt Ion: 75 Resp: 27570
 Ion Ratio Lower Upper
 75 100
 77 31.8 22.7 68.0





#77

Bromobenzene

Concen: 4.991 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008951.D

Acq: 15 Apr 2019 10:22

Instrument :

MSVOA_X

ClientSampled :

VSTDIC005

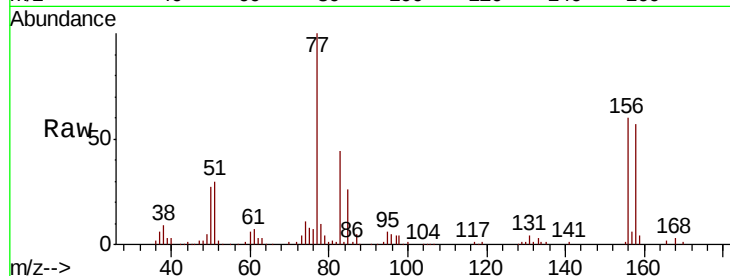
Tot Ion:156 Resp: 15645

Ion Ratio Lower Upper

156 100

77 174.6 85.4 256.1

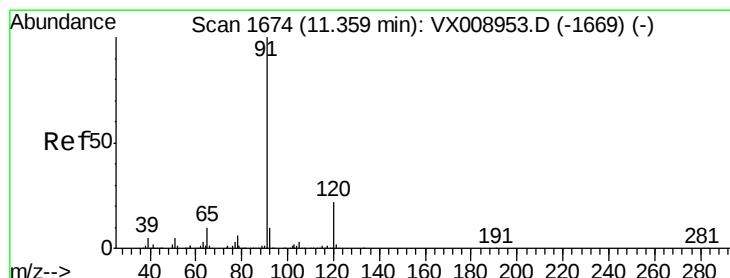
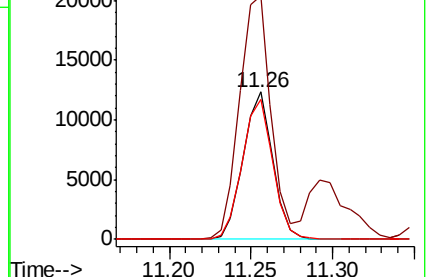
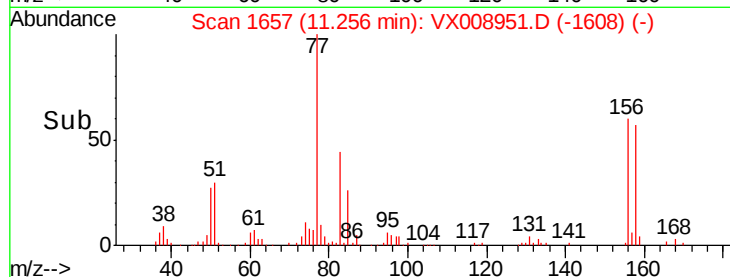
158 97.8 48.8 146.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 4.818 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008951.D

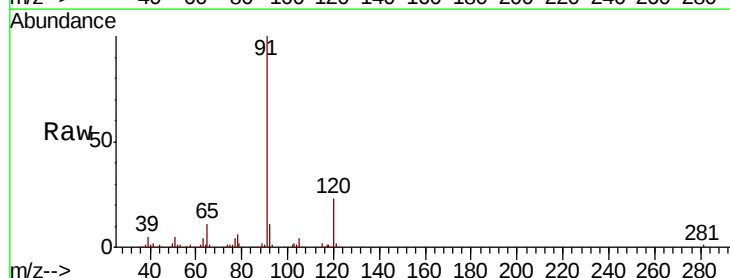
Acq: 15 Apr 2019 10:22

Tgt Ion: 91 Resp: 72714

Ion Ratio Lower Upper

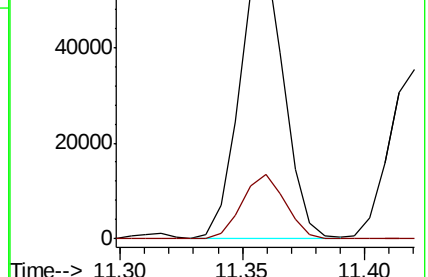
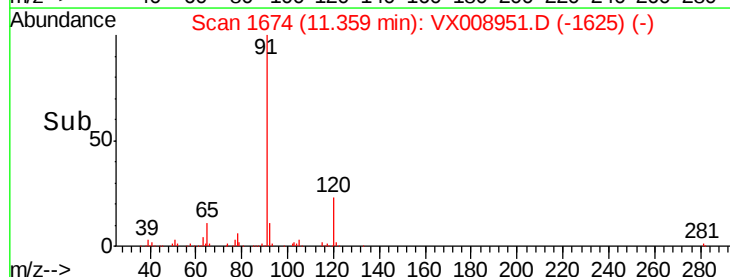
91 100

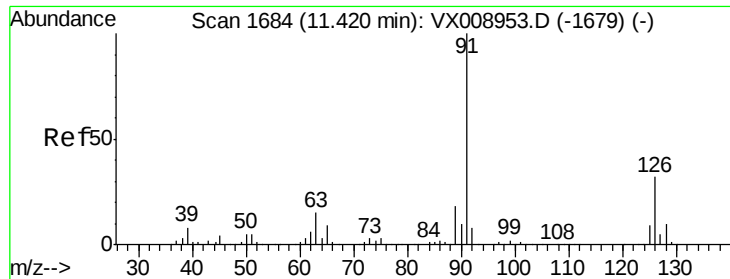
120 22.8 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

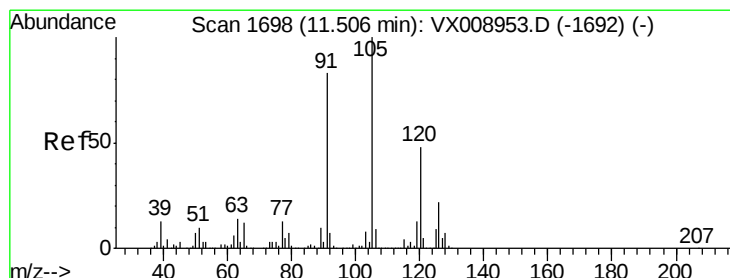
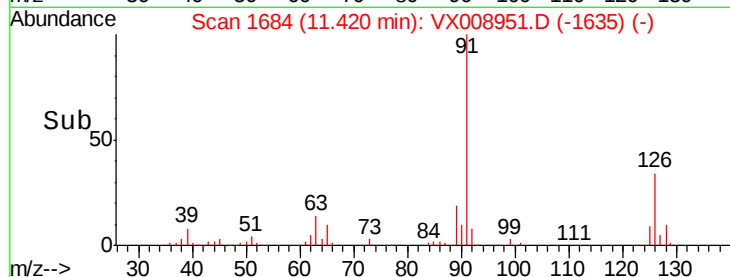
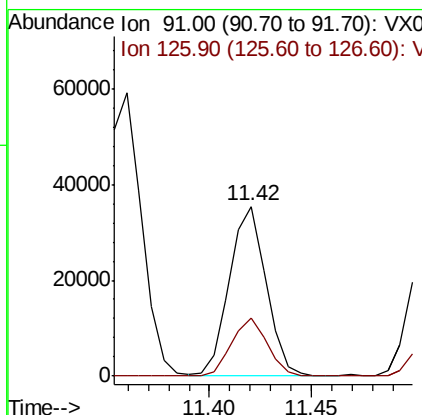
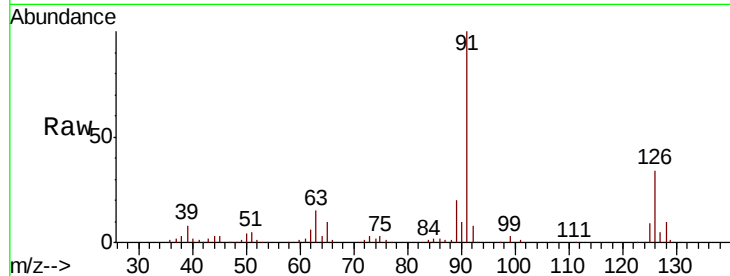




#79
 2-Chlorotoluene
 Concen: 4.811 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX008951.D
 Acq: 15 Apr 2019 10:22

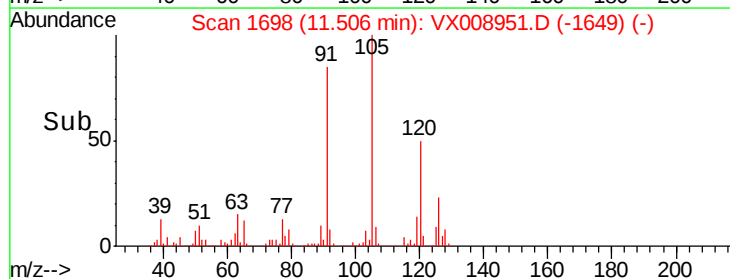
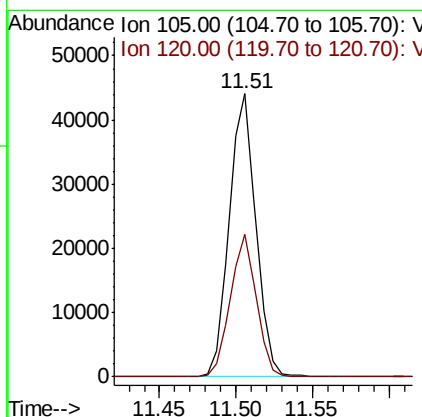
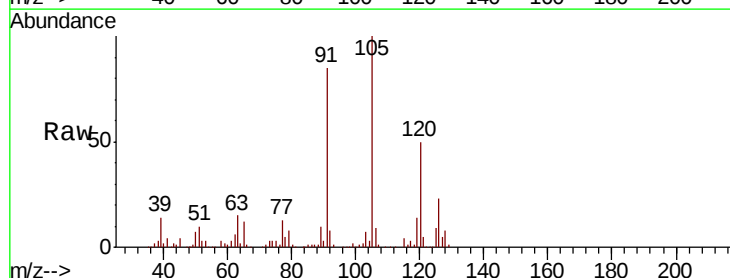
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

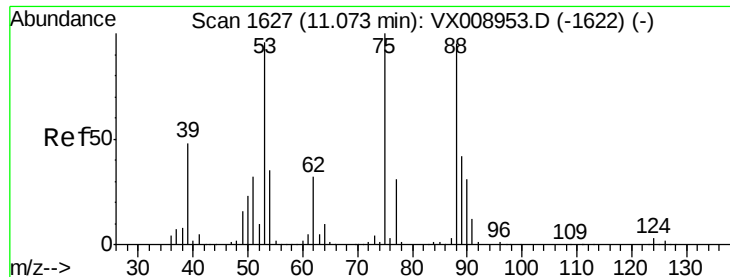
Tot Ion: 91 Resp: 43919
 Ion Ratio Lower Upper
 91 100
 126 33.5 16.3 48.9



#80
 1,3,5-Trimethylbenzene
 Concen: 4.880 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX008951.D
 Acq: 15 Apr 2019 10:22

Tgt Ion: 105 Resp: 53032
 Ion Ratio Lower Upper
 105 100
 120 49.4 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 4.309 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX008951.D

Acq: 15 Apr 2019 10:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

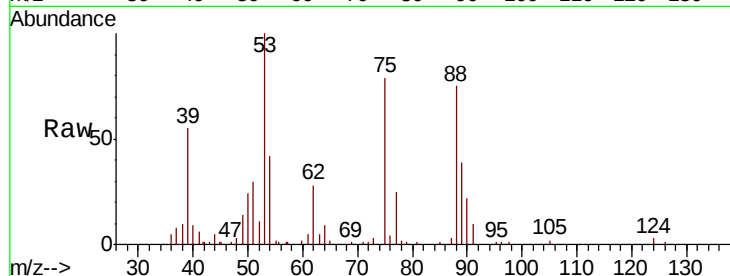
Tot Ion: 75 Resp: 6772

Ion Ratio Lower Upper

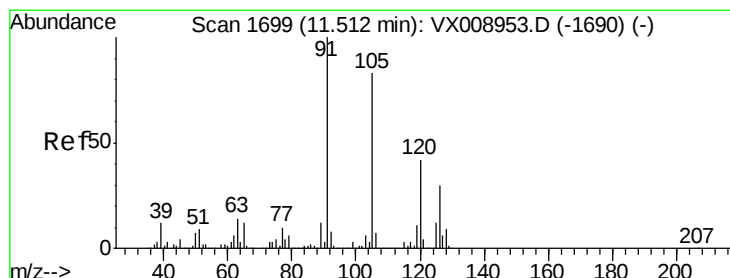
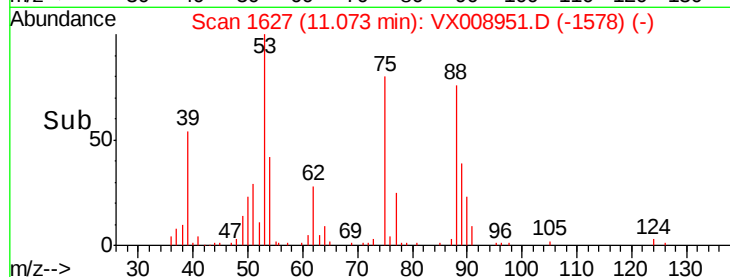
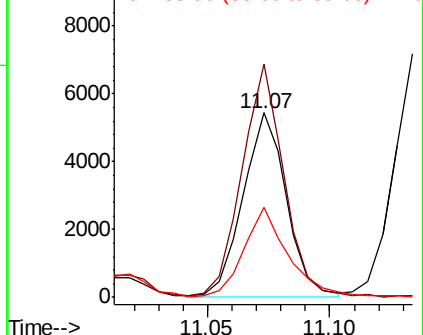
75 100

53 121.6 78.2 117.4#

89 50.8 36.0 54.0



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 4.737 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX008951.D

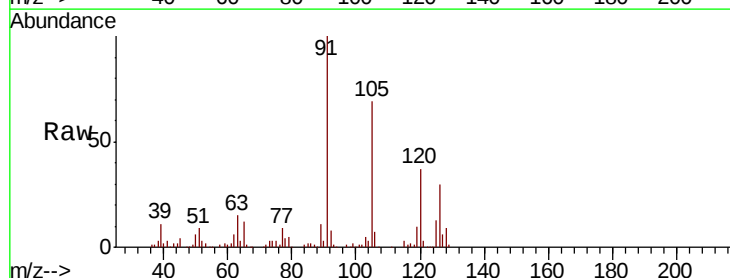
Acq: 15 Apr 2019 10:22

Tgt Ion: 91 Resp: 50074

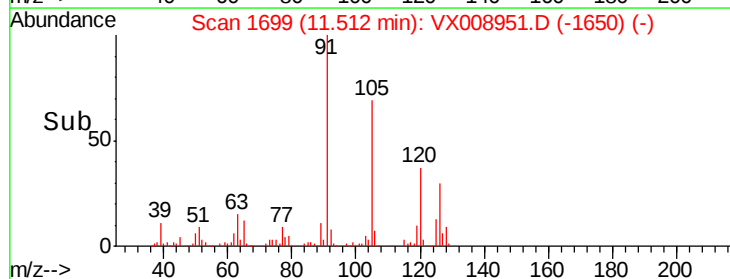
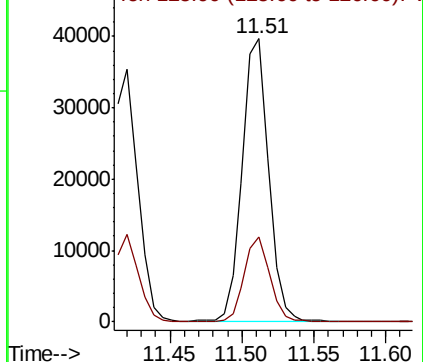
Ion Ratio Lower Upper

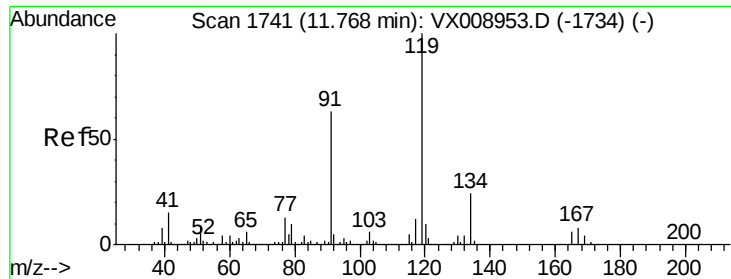
91 100

126 29.3 14.3 42.9



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

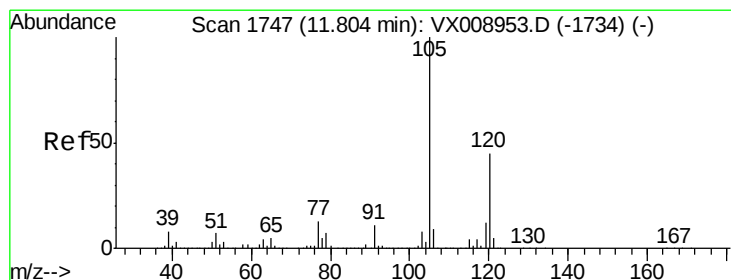
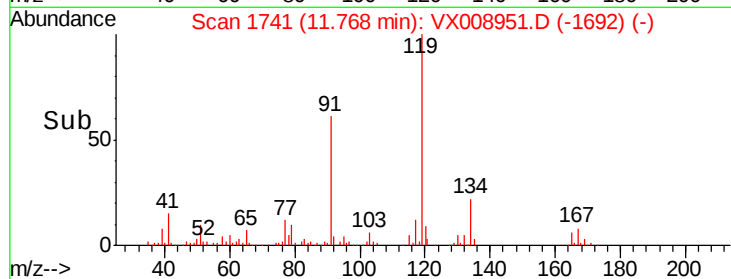
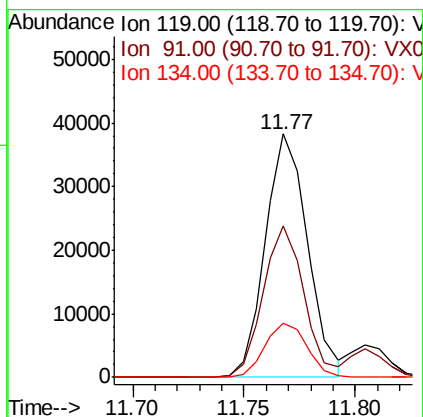
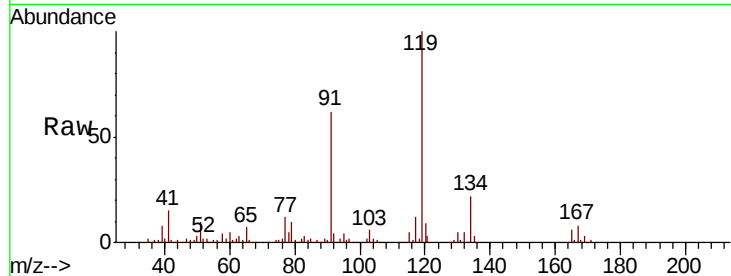




#83
tert-Butylbenzene
Concen: 4.826 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX008951.D
Acq: 15 Apr 2019 10:22

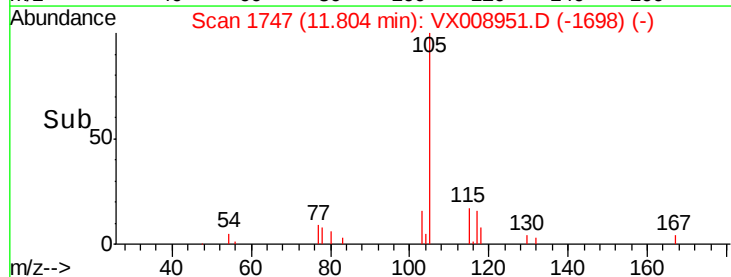
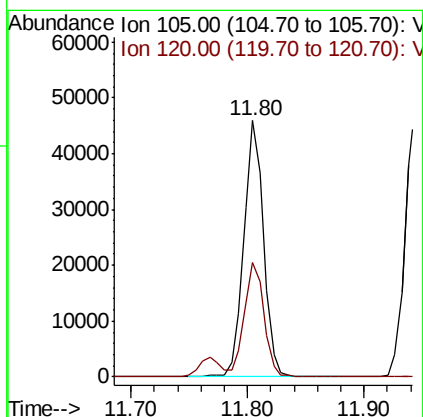
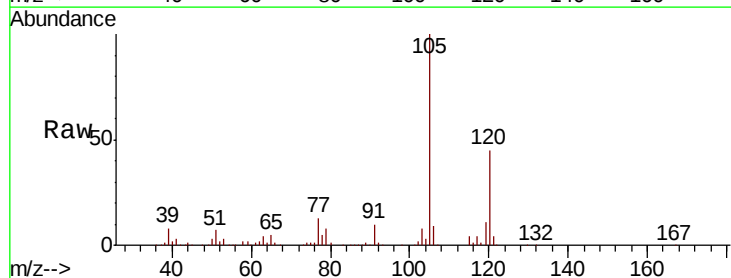
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion:119 Resp: 50516
Ion Ratio Lower Upper
119 100
91 60.3 29.7 89.1
134 22.2 11.2 33.5



#84
1,2,4-Trimethylbenzene
Concen: 4.955 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX008951.D
Acq: 15 Apr 2019 10:22

Tgt Ion:105 Resp: 54551
Ion Ratio Lower Upper
105 100
120 43.8 21.9 65.8





#85

sec-Butylbenzene

Concen: 4.955 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008951.D

Acq: 15 Apr 2019 10:22

Instrument :

MSVOA_X

ClientSampleId :

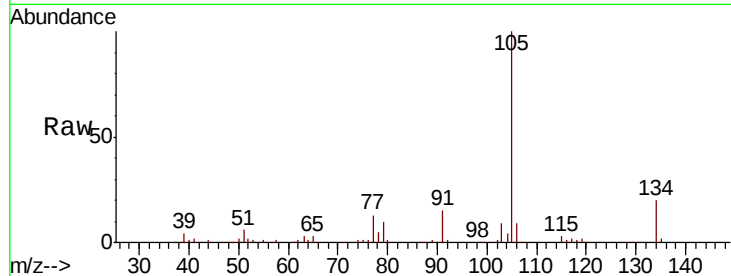
VSTDIC005

Tot Ion:105 Resp: 61616

Ion Ratio Lower Upper

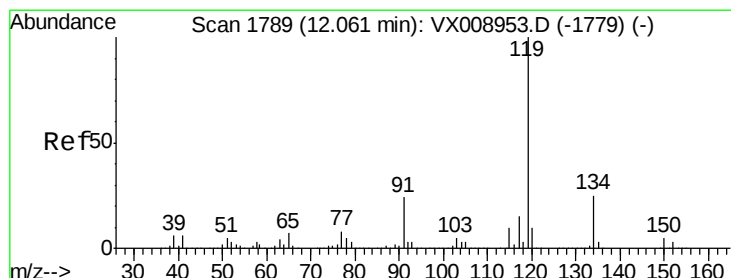
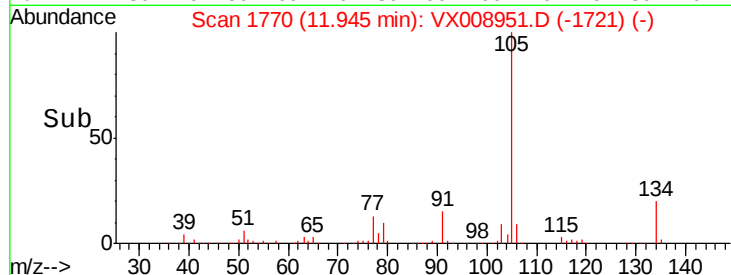
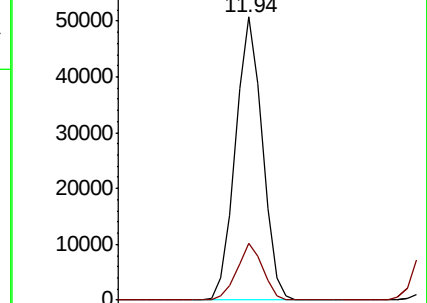
105 100

134 19.2 9.6 28.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 5.027 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX008951.D

Acq: 15 Apr 2019 10:22

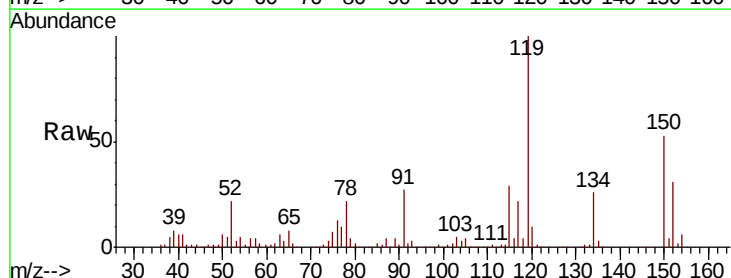
Tgt Ion:119 Resp: 56275

Ion Ratio Lower Upper

119 100

134 26.1 12.9 38.6

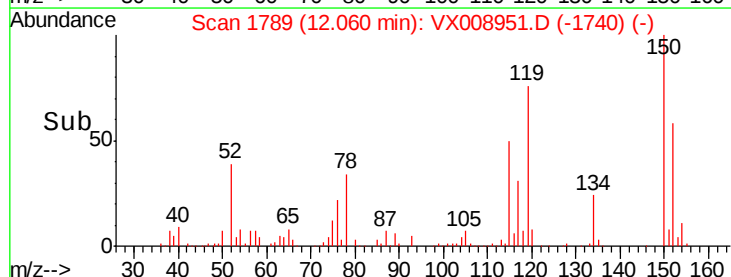
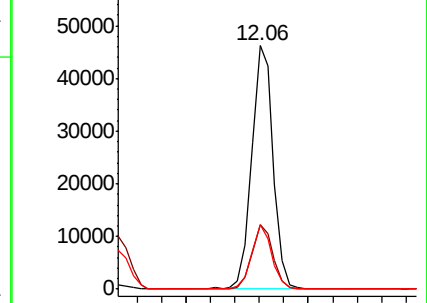
91 25.1 11.9 35.5

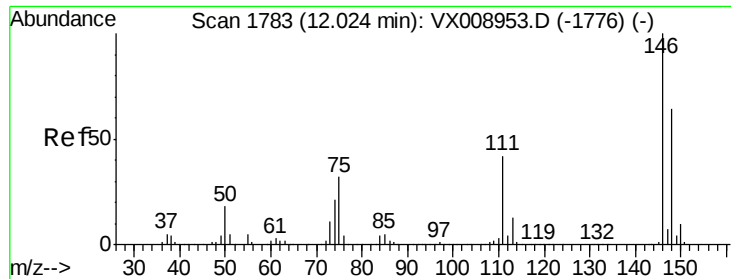


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

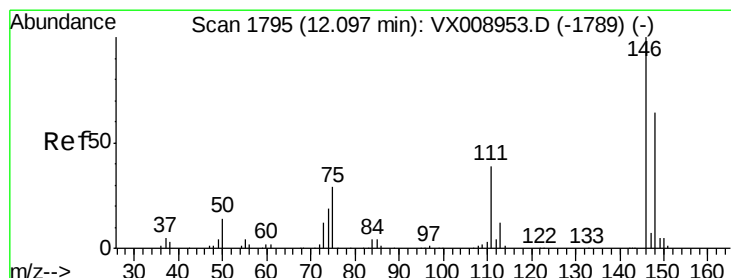
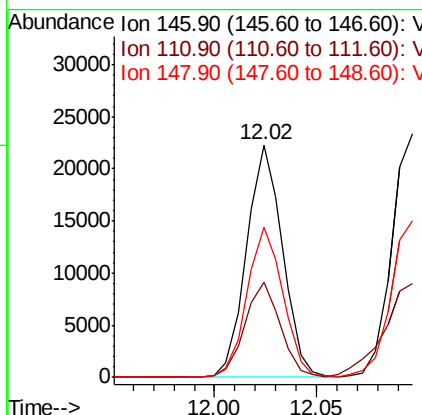
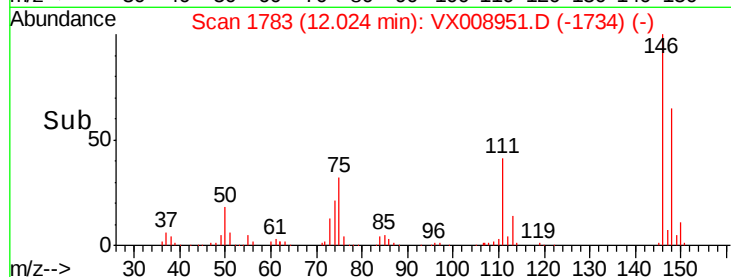
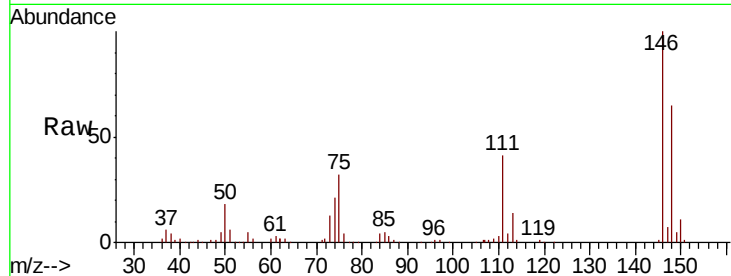




#87
 1,3-Dichlorobenzene
 Concen: 4.877 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008951.D
 Acq: 15 Apr 2019 10:22

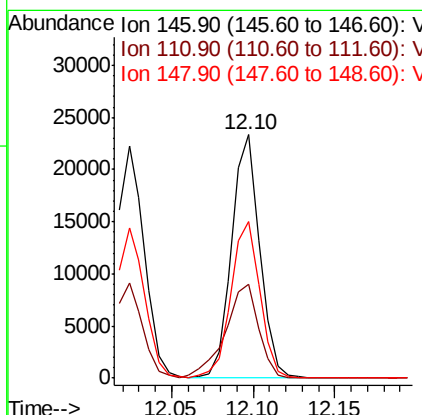
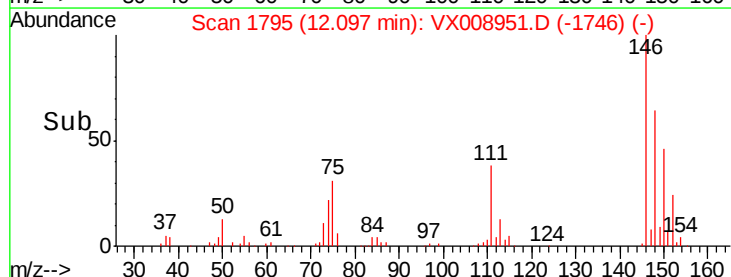
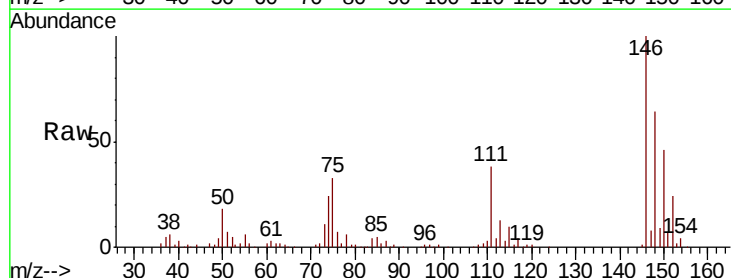
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

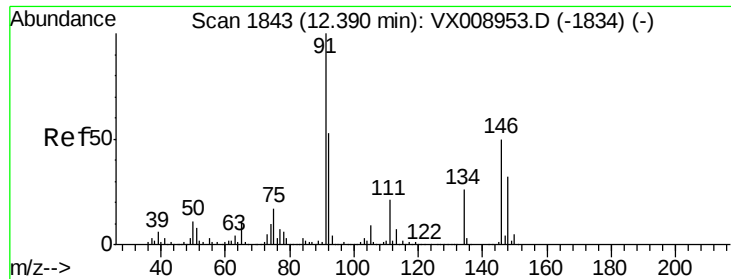
Tot Ion:146 Resp: 27355
 Ion Ratio Lower Upper
 146 100
 111 40.8 20.5 61.6
 148 64.9 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 4.907 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX008951.D
 Acq: 15 Apr 2019 10:22

Tgt Ion:146 Resp: 27916
 Ion Ratio Lower Upper
 146 100
 111 45.9 20.0 59.9
 148 66.6 32.2 96.6





#89

n-Butylbenzene

Concen: 4.906 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.01 min

Lab File: VX008951.D

Acq: 15 Apr 2019 10:22

Instrument :

MSVOA_X

ClientSampled :

VSTDIC005

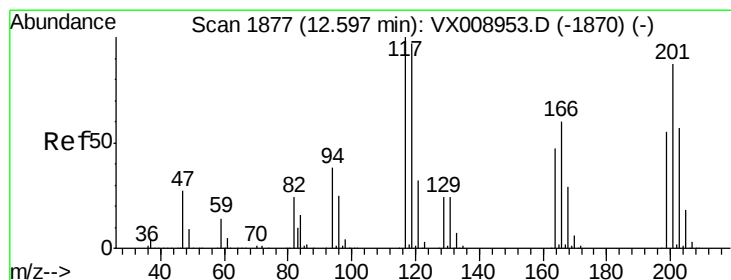
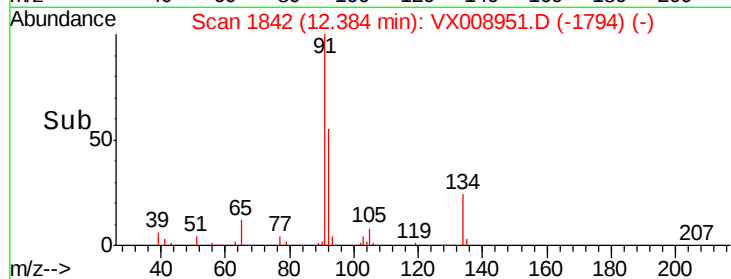
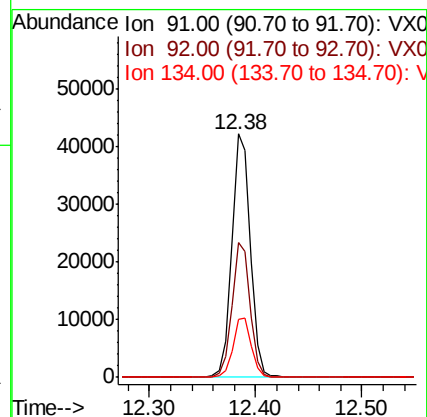
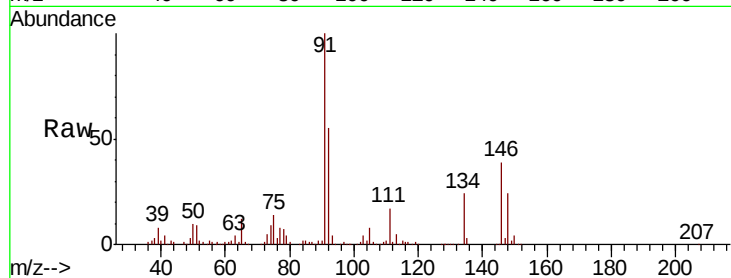
Tot Ion: 91 Resp: 51450

Ion Ratio Lower Upper

91 100

92 54.2 26.6 79.8

134 24.2 12.4 37.2



#90

Hexachloroethane

Concen: 4.679 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX008951.D

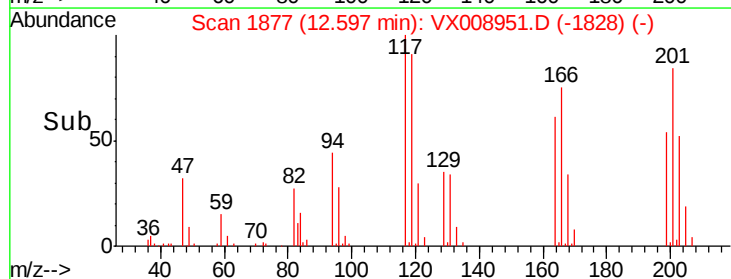
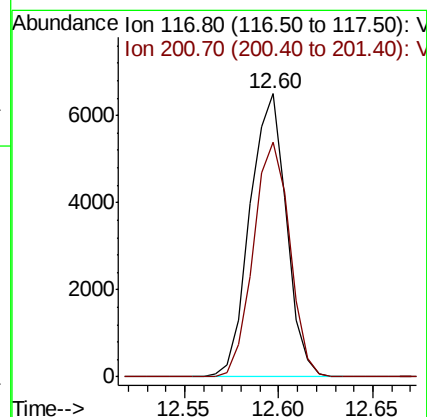
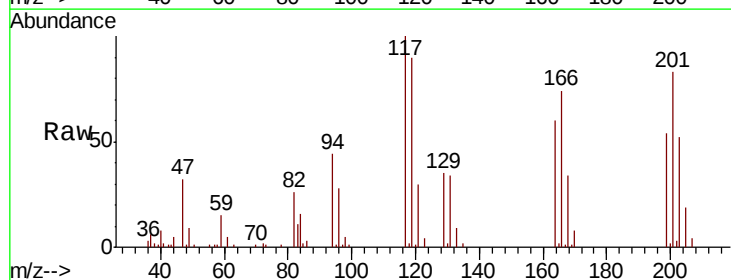
Acq: 15 Apr 2019 10:22

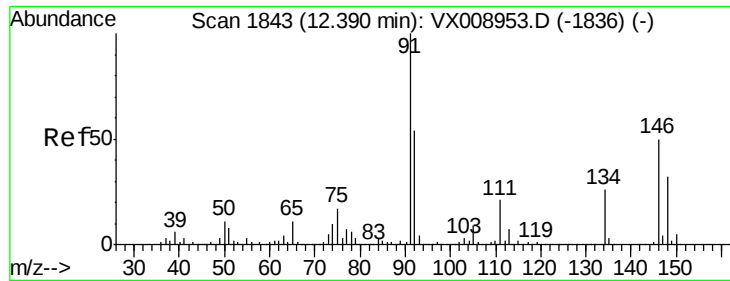
Tgt Ion: 117 Resp: 8697

Ion Ratio Lower Upper

117 100

201 82.8 43.0 129.0

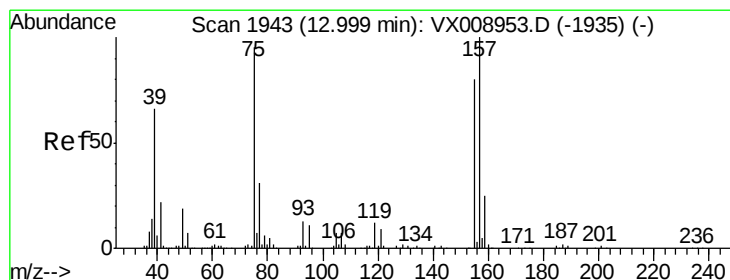
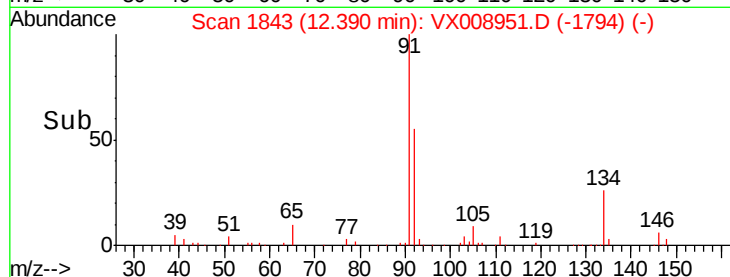
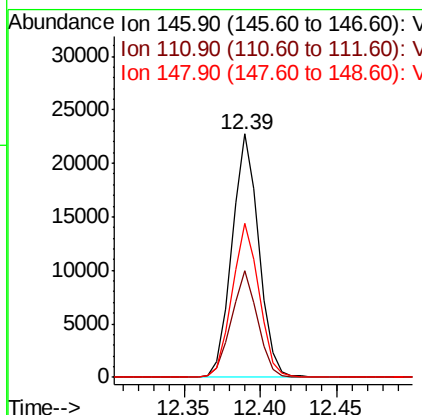
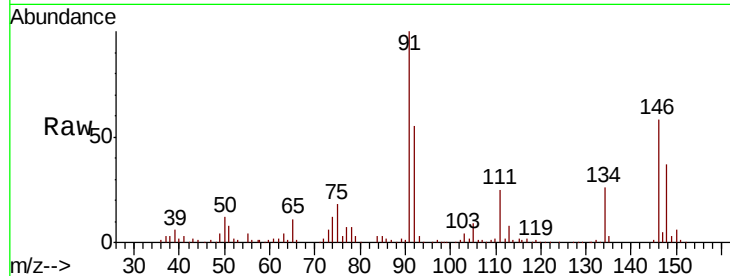




#91
 1,2-Dichlorobenzene
 Concen: 4.925 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX008951.D
 Acq: 15 Apr 2019 10:22

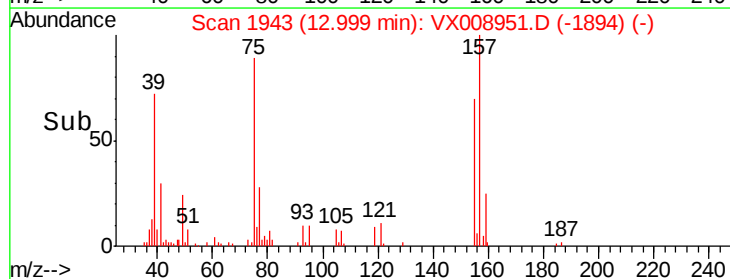
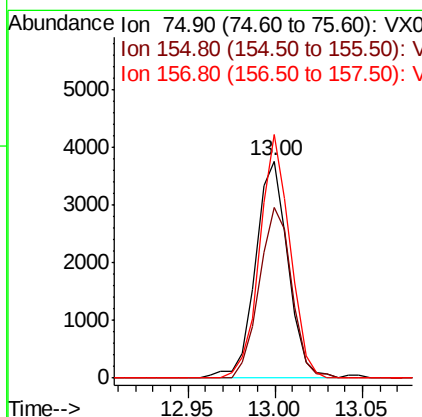
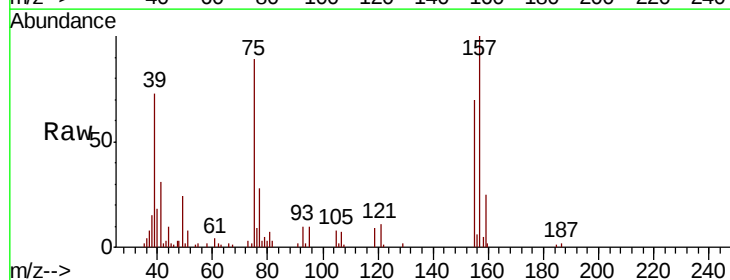
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

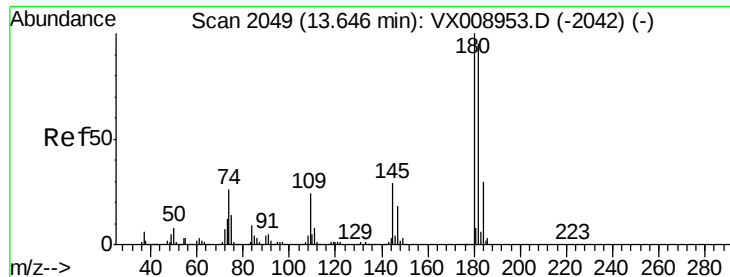
Tot Ion:146 Resp: 27428
 Ion Ratio Lower Upper
 146 100
 111 43.1 20.6 61.9
 148 64.0 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.530 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX008951.D
 Acq: 15 Apr 2019 10:22

Tgt Ion: 75 Resp: 4916
 Ion Ratio Lower Upper
 75 100
 155 78.2 41.2 123.6
 157 104.4 52.5 157.6

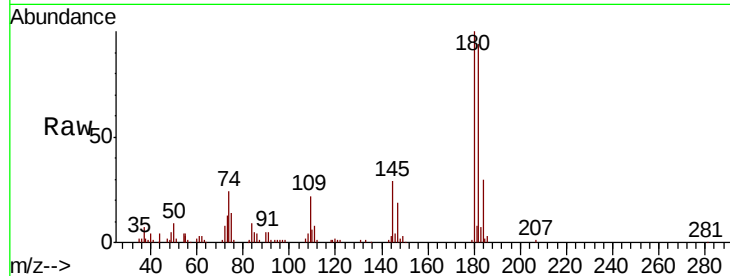




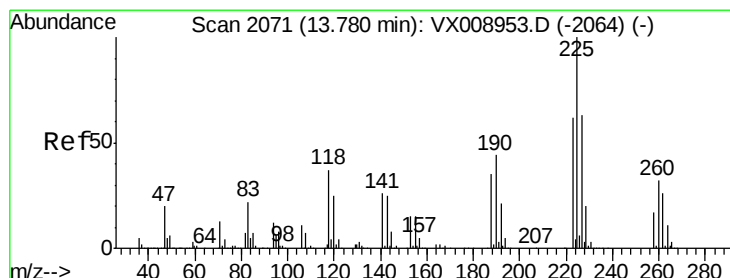
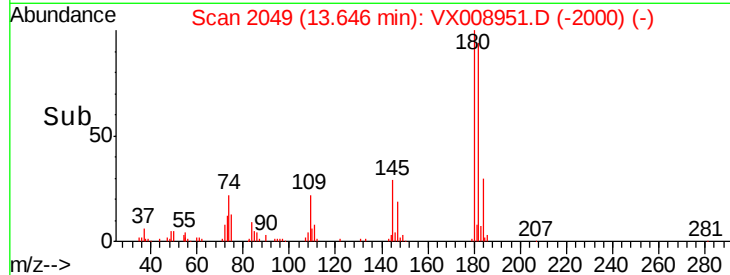
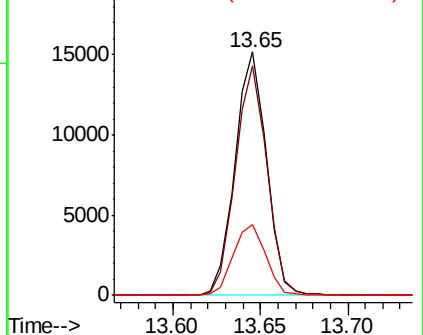
#93
 1,2,4-Trichlorobenzene
 Concen: 4.863 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008951.D
 Acq: 15 Apr 2019 10:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion:180 Resp: 18991
 Ion Ratio Lower Upper
 180 100
 182 94.4 47.6 142.9
 145 30.0 14.8 44.4

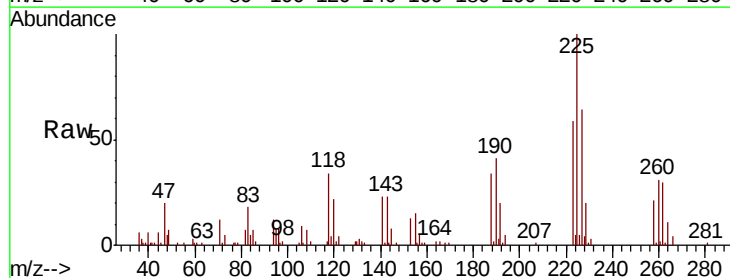


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

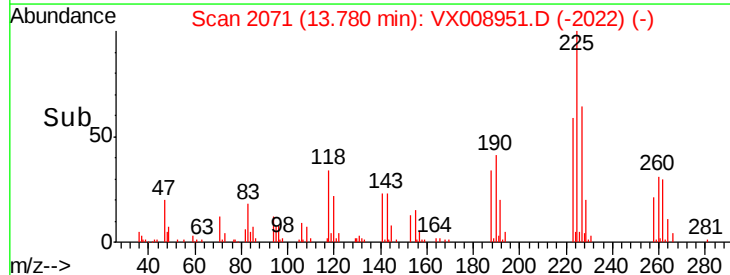
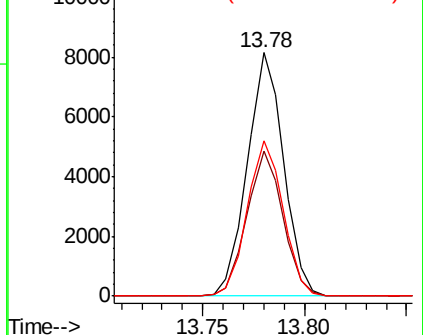


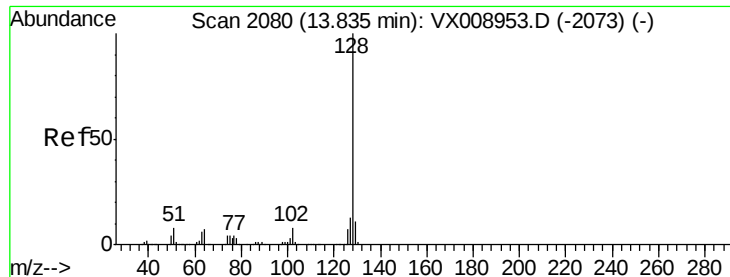
#94
 Hexachlorobutadiene
 Concen: 5.394 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008951.D
 Acq: 15 Apr 2019 10:22

Tgt Ion:225 Resp: 10095
 Ion Ratio Lower Upper
 225 100
 223 59.3 31.1 93.2
 227 63.0 32.0 96.2



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: 4.600 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX008951.D

Acq: 15 Apr 2019 10:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

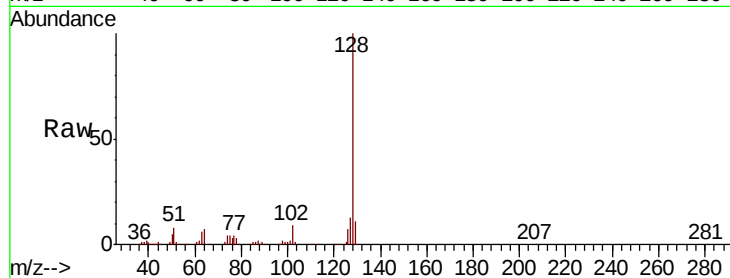
Tot Ion:128 Resp: 59479

Ion Ratio Lower Upper

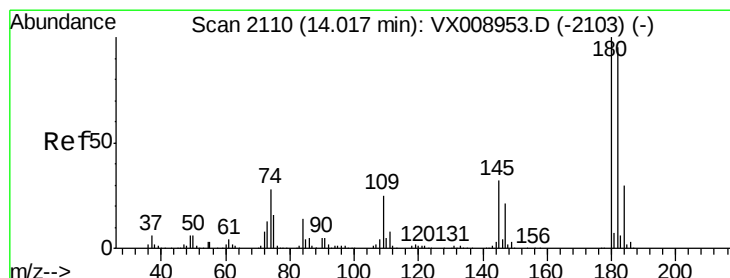
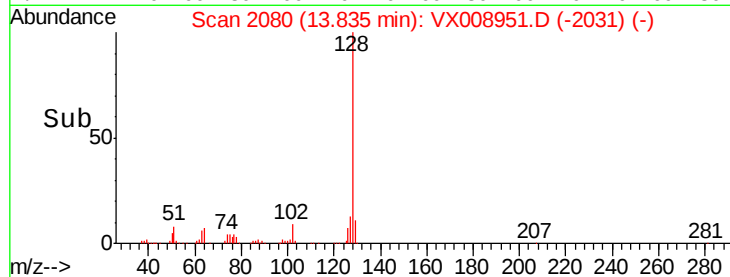
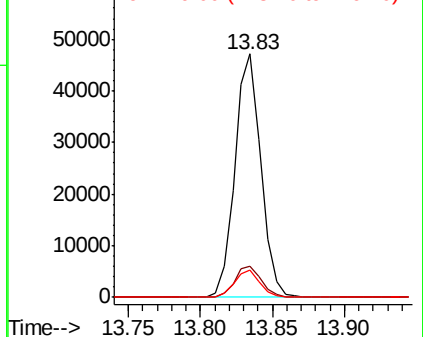
128 100

127 13.2 10.6 16.0

129 11.2 8.6 13.0



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: 4.979 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX008951.D

Acq: 15 Apr 2019 10:22

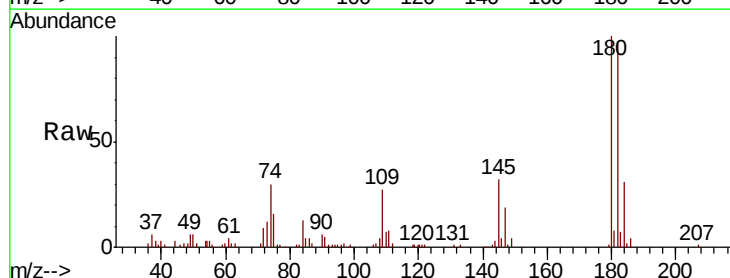
Tgt Ion:180 Resp: 19387

Ion Ratio Lower Upper

180 100

182 94.8 47.8 143.4

145 31.8 15.8 47.3



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

