

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121818\
 Data File : VX006590.D
 Acq On : 18 Dec 2018 11:38
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Quant Time: Dec 19 00:35:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 00:31:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	602272	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	942789	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	867380	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	448448	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	135494	20.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	41.74%	
35) Dibromofluoromethane	5.50	113	119102	19.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.96%	
50) Toluene-d8	8.71	98	453942	20.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.40%	
62) 4-Bromofluorobenzene	11.13	95	170408	20.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	41.40%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.20	85	107575	19.525	ug/l 99
3) Chloromethane	1.33	50	116827	19.681	ug/l 95
4) Vinyl Chloride	1.41	62	125307	20.212	ug/l 96
5) Bromomethane	1.64	94	125978	18.689	ug/l 99
6) Chloroethane	1.72	64	80845	18.833	ug/l 95
7) Trichlorofluoromethane	1.93	101	198040	20.489	ug/l 95
8) Diethyl Ether	2.19	74	75774	19.738	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	113717	20.038	ug/l 100
10) Methyl Iodide	2.51	142	162379	19.988	ug/l 99
11) Tert butyl alcohol	3.07	59	151348	104.477	ug/l 99
12) 1,1-Dichloroethene	2.37	96	106006	19.700	ug/l 98
13) Acrolein	2.29	56	94304	96.499	ug/l 98
14) Allyl chloride	2.73	41	178226	19.677	ug/l 98
15) Acrylonitrile	3.15	53	327812	101.919	ug/l 99
16) Acetone	2.45	43	306615	102.816	ug/l 98
17) Carbon Disulfide	2.57	76	261545	18.366	ug/l 100
18) Methyl Acetate	2.78	43	174997	19.956	ug/l 98
19) Methyl tert-butyl Ether	3.20	73	366773	20.536	ug/l 99
20) Methylene Chloride	2.85	84	122120	19.803	ug/l 98
21) trans-1,2-Dichloroethene	3.17	96	112261	18.828	ug/l 97
22) Diisopropyl ether	3.87	45	333091	20.101	ug/l 99
23) Vinyl Acetate	3.82	43	1327644	97.951	ug/l 99
24) 1,1-Dichloroethane	3.70	63	197336	19.949	ug/l 98
25) 2-Butanone	4.70	43	422478	100.714	ug/l 100
26) 2,2-Dichloropropane	4.59	77	146601	19.186	ug/l 100
27) cis-1,2-Dichloroethene	4.60	96	130735	19.874	ug/l 99
28) Bromochloromethane	5.02	49	89827	19.751	ug/l 98
29) Tetrahydrofuran	5.15	42	271403	98.233	ug/l 99
30) Chloroform	5.21	83	203615	19.877	ug/l 98
31) Cyclohexane	5.57	56	177248	19.724	ug/l 94
32) 1,1,1-Trichloroethane	5.49	97	173176	20.022	ug/l 99
36) 1,1-Dichloropropene	5.80	75	152751	19.562	ug/l 98
37) Ethyl Acetate	4.85	43	157102	19.330	ug/l 99
38) Carbon Tetrachloride	5.78	117	142197	18.738	ug/l 97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	196896	19.153	ug/l	97
40) Benzene	6.14	78	468898	19.755	ug/l	100
41) Methacrylonitrile	5.06	41	83734	18.334	ug/l	95
42) 1,2-Dichloroethane	6.20	62	156847	19.393	ug/l	100
43) Isopropyl Acetate	6.46	43	241231	19.508	ug/l	100
44) Trichloroethene	7.21	130	136305	18.974	ug/l	96
45) 1,2-Dichloropropane	7.52	63	113427	19.638	ug/l	98
46) Dibromomethane	7.66	93	82339	19.381	ug/l	98
47) Bromodichloromethane	7.90	83	133355	18.906	ug/l	96
48) Methyl methacrylate	7.77	41	126567	20.127	ug/l	100
49) 1,4-Dioxane	7.75	88	66854	375.744	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	806479	102.501	ug/l	99
52) Toluene	8.78	92	305125	19.899	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	140663	18.594	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	160173	19.297	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	124478	19.833	ug/l	99
56) Ethyl methacrylate	9.18	69	175788	19.816	ug/l	99
57) 1,3-Dichloropropane	9.37	76	201863	19.990	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	478408	101.454	ug/l	99
59) 2-Hexanone	9.49	43	623841	103.628	ug/l	99
60) Dibromochloromethane	9.58	129	109147	18.880	ug/l	100
61) 1,2-Dibromoethane	9.67	107	133637	20.029	ug/l	100
64) Tetrachloroethene	9.34	164	133309	19.409	ug/l	98
65) Chlorobenzene	10.14	112	356946	19.452	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	113733	19.865	ug/l	98
67) Ethyl Benzene	10.25	91	585490	19.526	ug/l	100
68) m/p-Xylenes	10.36	106	472267	39.914	ug/l	99
69) o-Xylene	10.70	106	231641	19.825	ug/l	99
70) Styrene	10.71	104	369981	20.015	ug/l	99
71) Bromoform	10.86	173	77161	17.703	ug/l	99
73) Isopropylbenzene	11.02	105	611436	19.930	ug/l	99
74) N-amyl acetate	10.90	43	218321	19.881	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	182064	19.954	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	199085	25.061	ug/l	93
77) Bromobenzene	11.26	156	163078	19.662	ug/l	99
78) n-propylbenzene	11.36	91	666770	19.736	ug/l	99
79) 2-Chlorotoluene	11.42	91	403115	19.690	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	506993	20.064	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	40318	17.328	ug/l	91
82) 4-Chlorotoluene	11.51	91	462795	19.706	ug/l	99
83) tert-Butylbenzene	11.77	119	499889	19.766	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	519451	19.544	ug/l	99
85) sec-Butylbenzene	11.94	105	614659	19.823	ug/l	100
86) p-Isopropyltoluene	12.06	119	546155	20.037	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	293704	19.648	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	294660	19.206	ug/l	98
89) n-Butylbenzene	12.39	91	452760	19.518	ug/l	100
90) Hexachloroethane	12.60	117	68532	18.457	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	290235	19.409	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	34096	18.060	ug/l	98

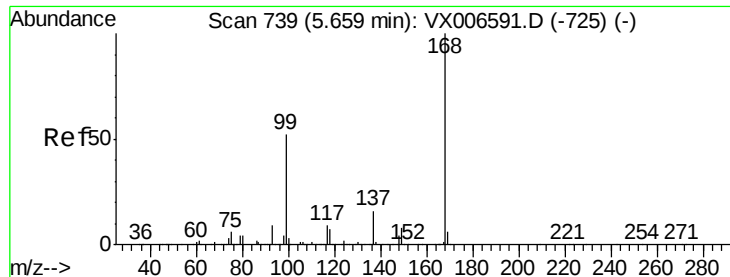
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121818\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	194090	18.817	ug/l	98
94) Hexachlorobutadiene	13.78	225	88434	18.189	ug/l	100
95) Naphthalene	13.83	128	622489	18.908	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	198448	18.634	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. -0.00 min

Lab File: VX006590.D

Acq: 18 Dec 2018 11:38

Instrument :

MSVOA_X

ClientSampleId :

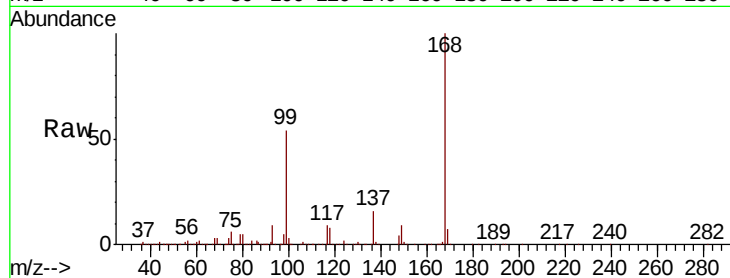
VSTDIC020

Tgt Ion:168 Resp: 602272

Ion Ratio Lower Upper

168 100

99 53.9 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

250000

200000

150000

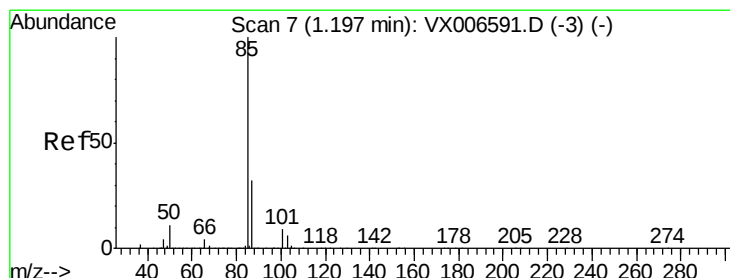
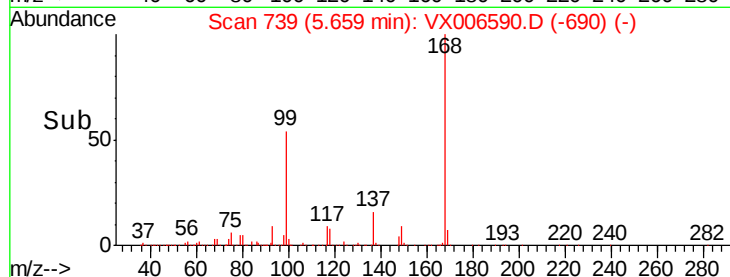
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50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 19.525 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX006590.D

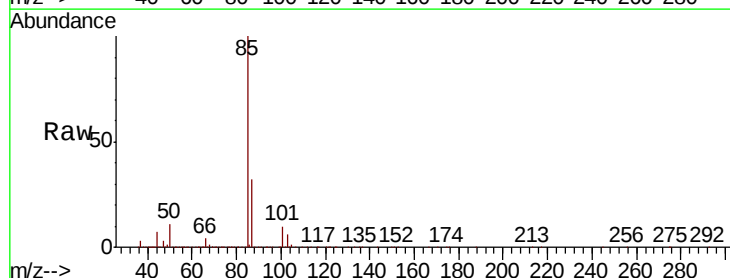
Acq: 18 Dec 2018 11:38

Tgt Ion: 85 Resp: 107575

Ion Ratio Lower Upper

85 100

87 32.1 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

100000

80000

60000

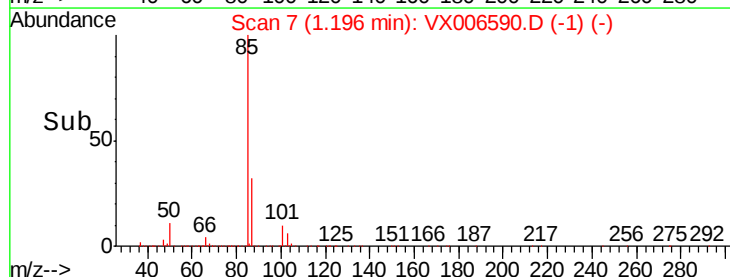
40000

20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 19.681 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX006590.D

Acq: 18 Dec 2018 11:38

Instrument :

MSVOA_X

ClientSampleId :

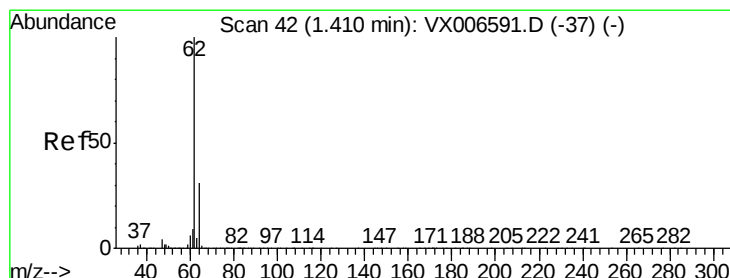
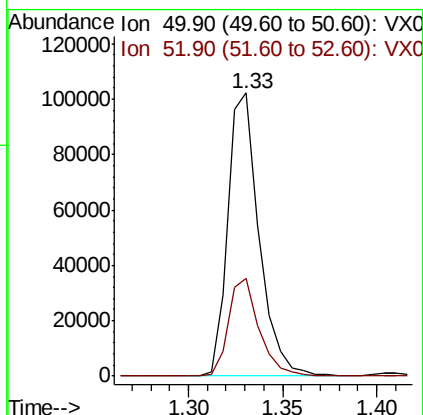
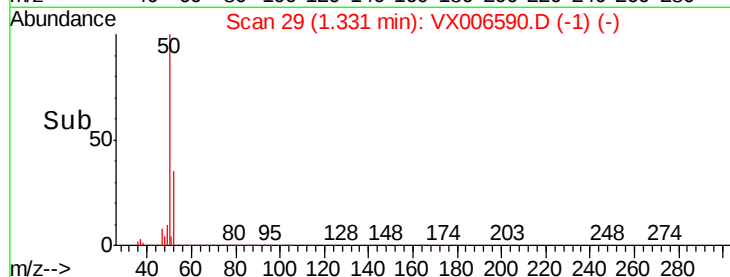
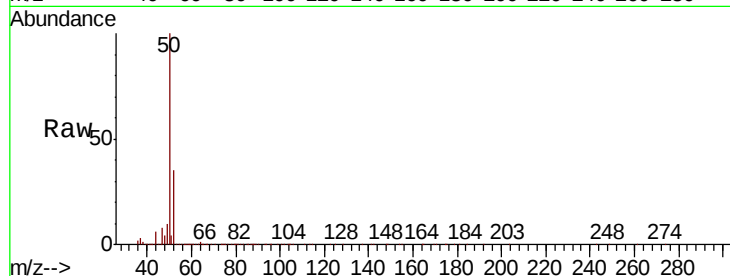
VSTDIC020

Tgt Ion: 50 Resp: 116827

Ion Ratio Lower Upper

50 100

52 34.6 25.4 38.2



#4

Vinyl Chloride

Concen: 20.212 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX006590.D

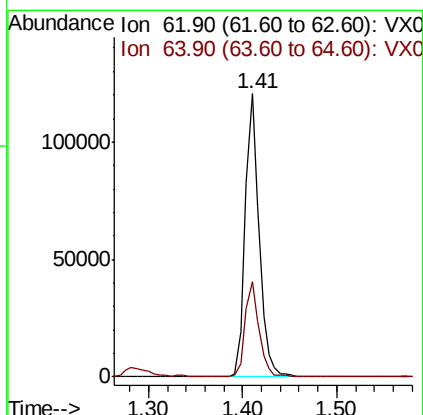
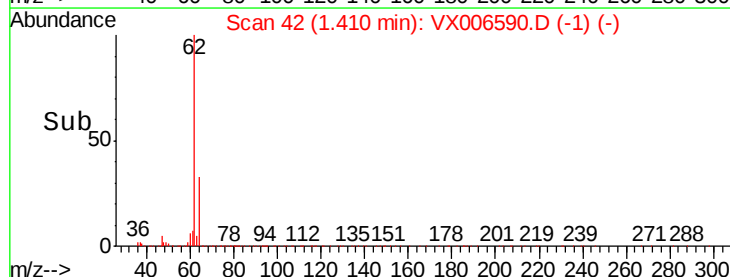
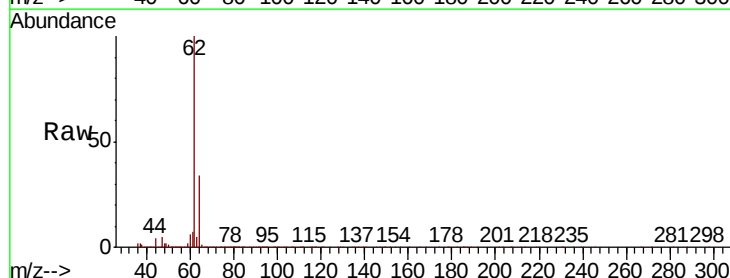
Acq: 18 Dec 2018 11:38

Tgt Ion: 62 Resp: 125307

Ion Ratio Lower Upper

62 100

64 33.5 25.1 37.7





#5

Bromomethane

Concen: 18.689 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX006590.D

Acq: 18 Dec 2018 11:38

Instrument :

MSVOA_X

ClientSampleId :

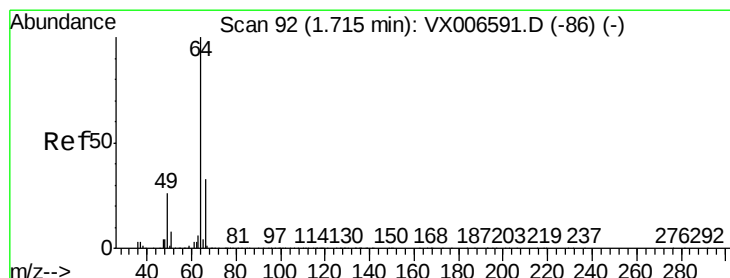
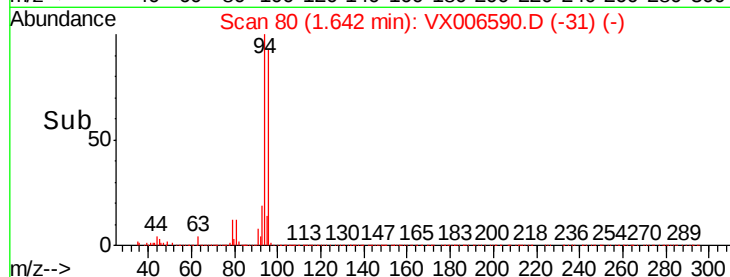
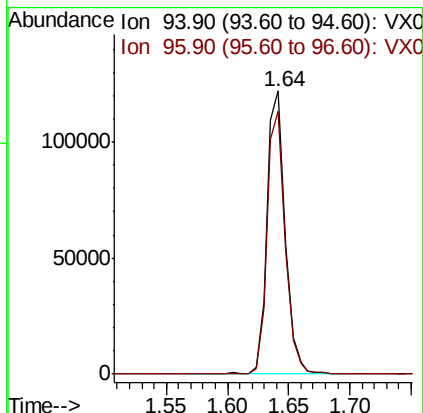
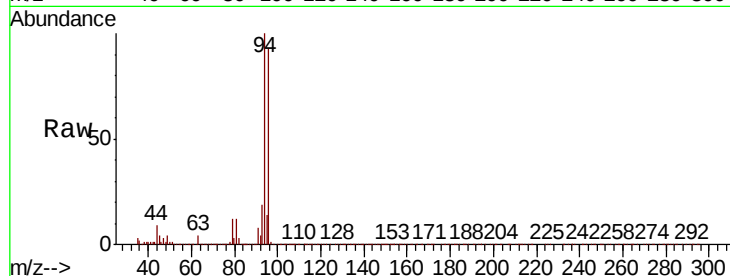
VSTDIC020

Tgt Ion: 94 Resp: 125978

Ion Ratio Lower Upper

94 100

96 92.8 73.4 110.2



#6

Chloroethane

Concen: 18.833 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX006590.D

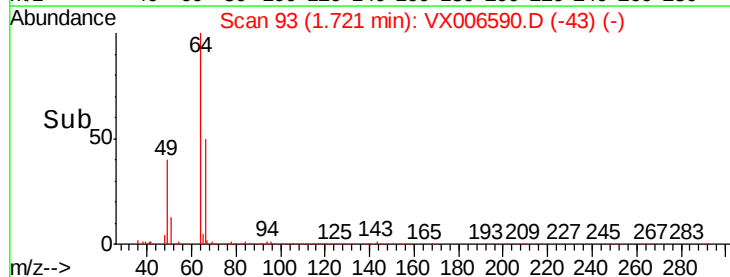
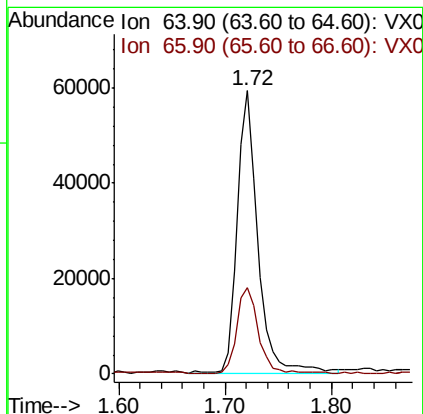
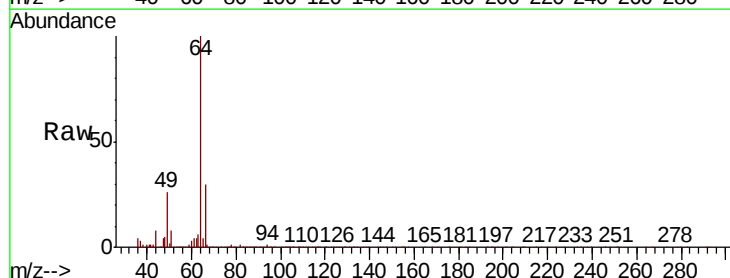
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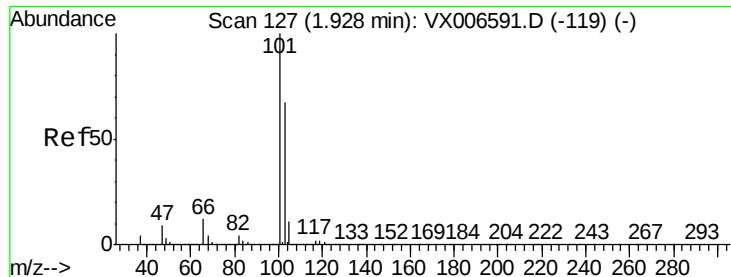
Tgt Ion: 64 Resp: 80845

Ion Ratio Lower Upper

64 100

66 30.3 26.4 39.6



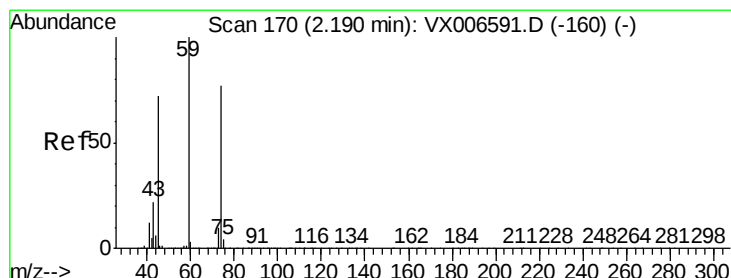
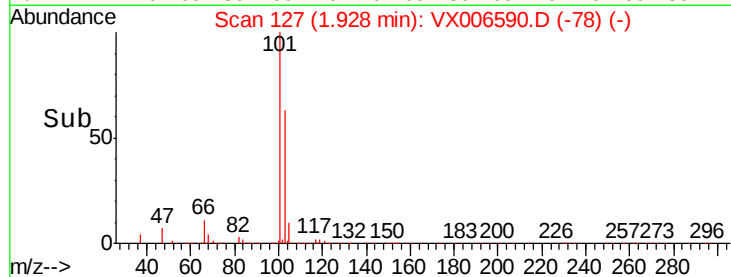
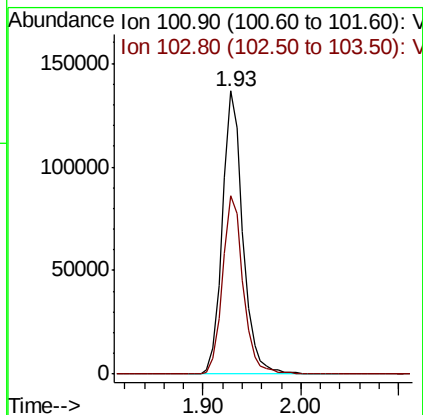
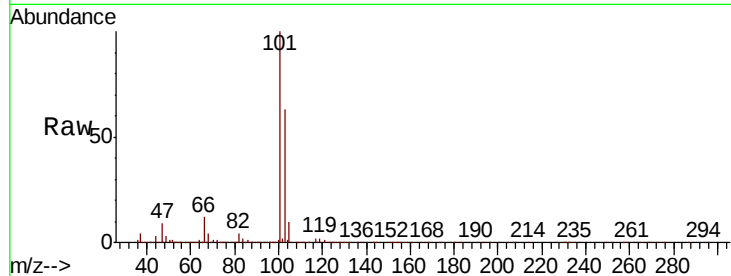


#7

Trichlorofluoromethane
Concen: 20.489 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

Instrument :
MSVOA_X
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VSTDIC020

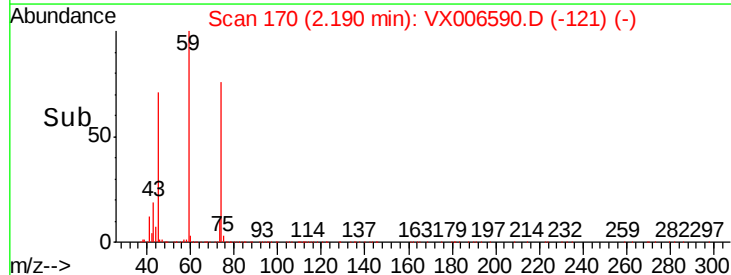
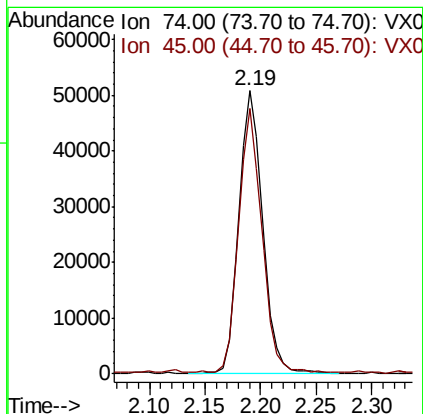
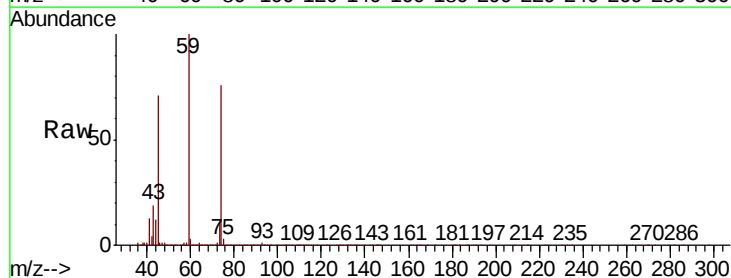
Tgt Ion: 101 Resp: 198040
Ion Ratio Lower Upper
101 100
103 62.9 53.2 79.8



#8

Diethyl Ether
Concen: 19.738 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

Tgt Ion: 74 Resp: 75774
Ion Ratio Lower Upper
74 100
45 90.4 46.3 138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.038 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX006590.D

Acq: 18 Dec 2018 11:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

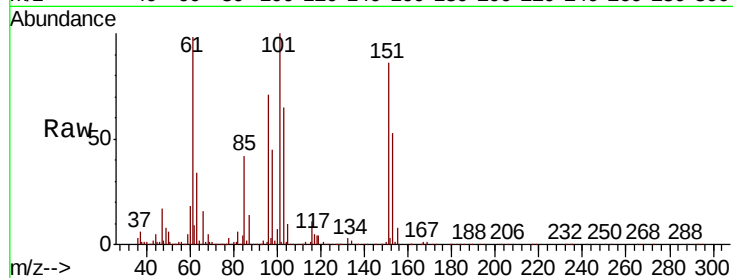
Tgt Ion:101 Resp: 113717

Ion Ratio Lower Upper

101 100

85 43.8 35.1 52.7

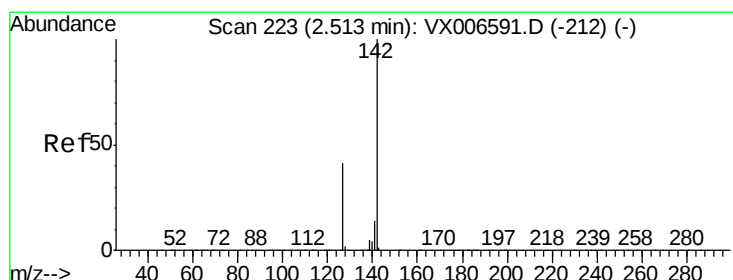
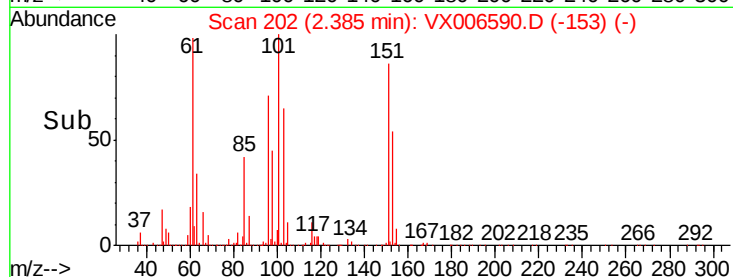
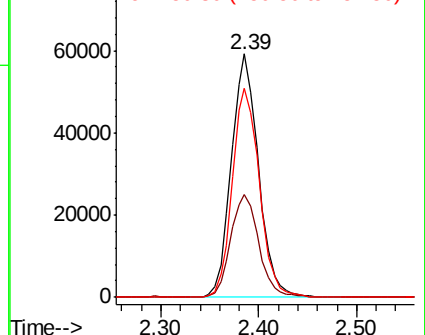
151 86.0 68.9 103.3



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: 19.988 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX006590.D

Acq: 18 Dec 2018 11:38

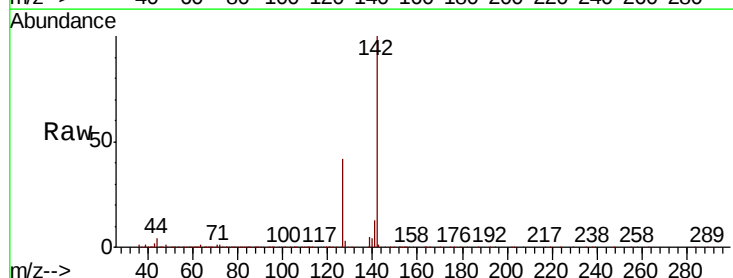
Tgt Ion:142 Resp: 162379

Ion Ratio Lower Upper

142 100

127 43.6 33.9 50.9

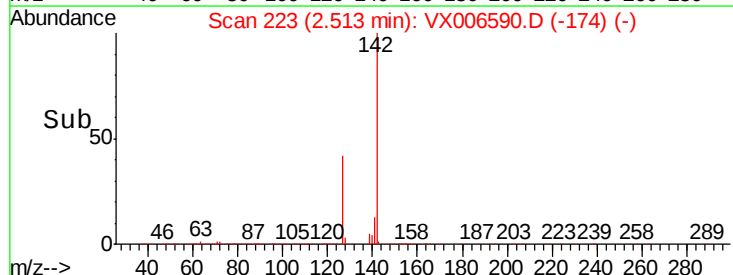
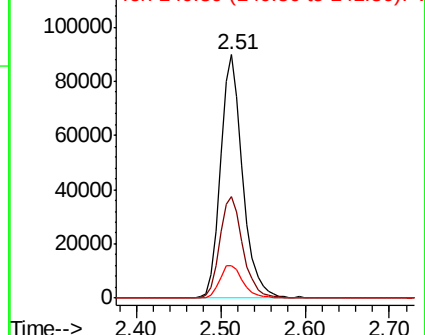
141 14.3 11.4 17.0

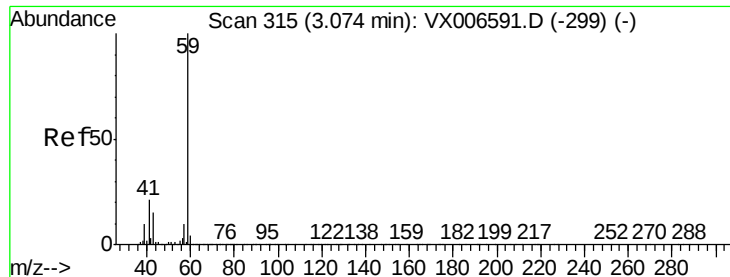


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



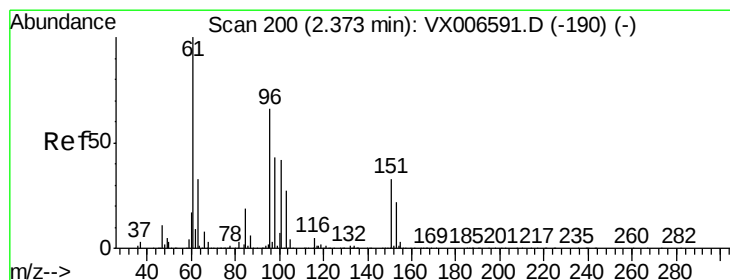
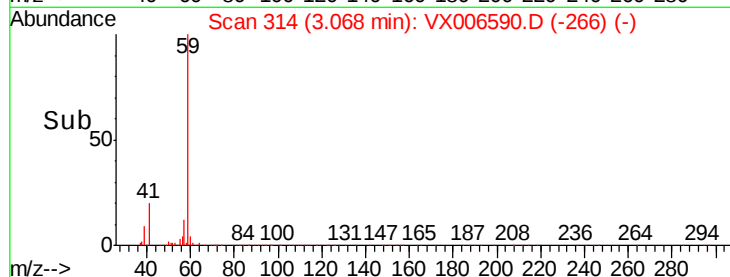
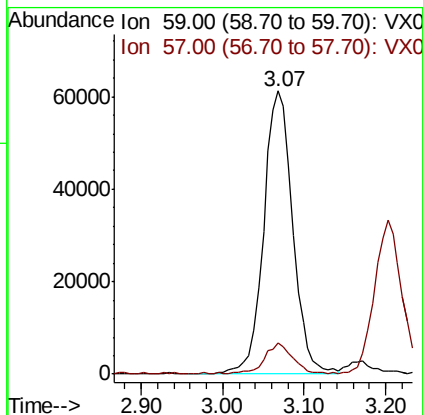
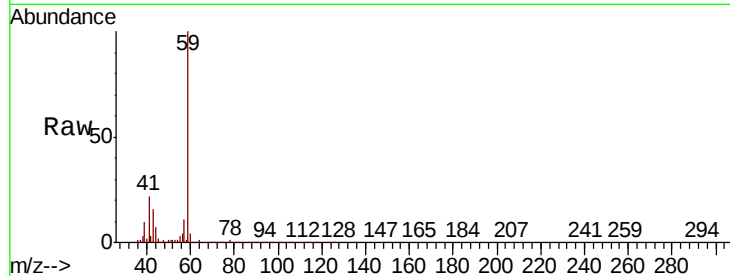


#11

Tert butyl alcohol
Concen: 104.477 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

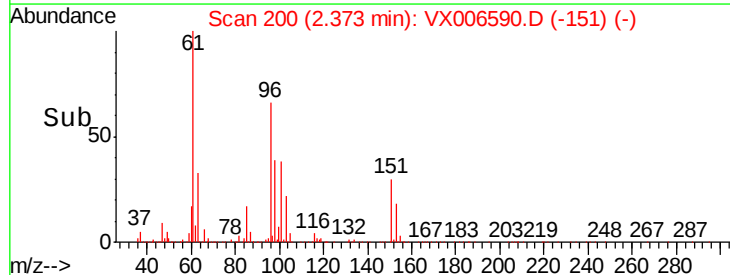
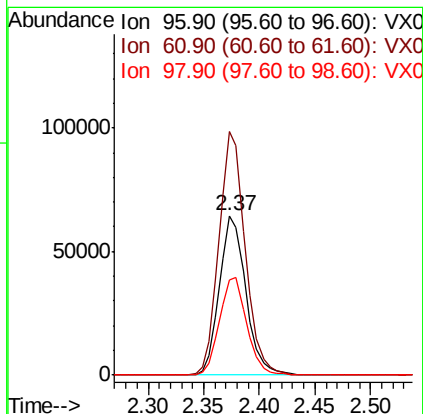
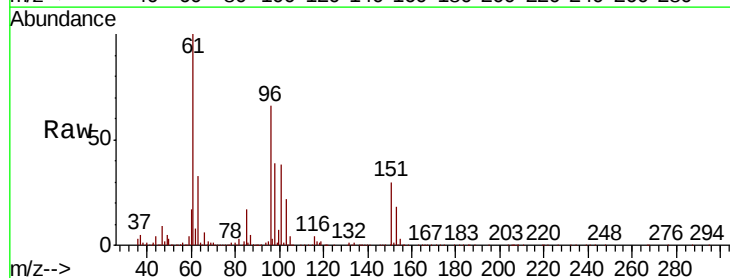
Tgt Ion: 59 Resp: 151348
Ion Ratio Lower Upper
59 100
57 10.3 8.5 12.7

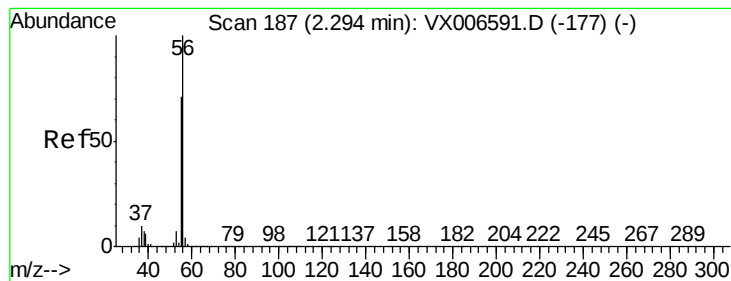


#12

1,1-Dichloroethene
Concen: 19.700 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

Tgt Ion: 96 Resp: 106006
Ion Ratio Lower Upper
96 100
61 152.4 121.4 182.2
98 59.9 51.9 77.9





#13

Acrolein

Concen: 96.499 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX006590.D

Acq: 18 Dec 2018 11:38

Instrument :

MSVOA_X

ClientSampleId :

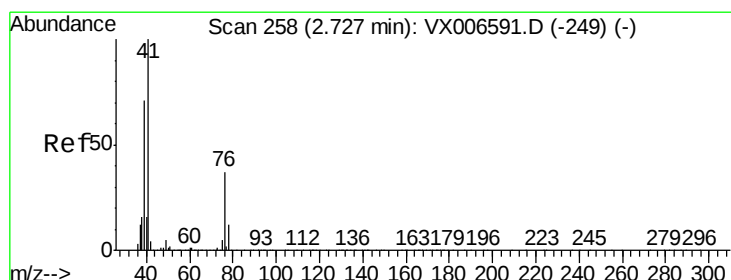
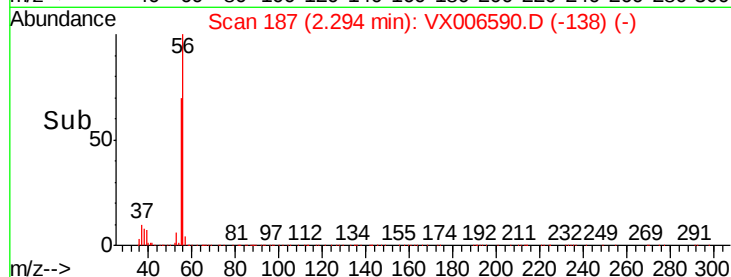
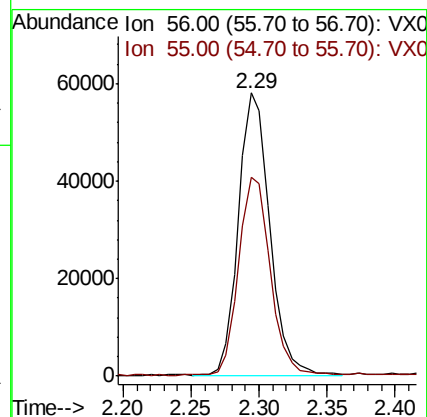
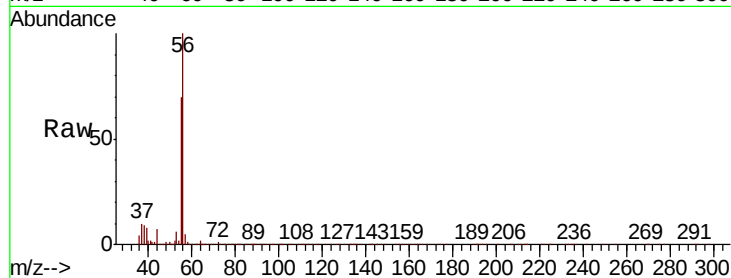
VSTDIC020

Tgt Ion: 56 Resp: 94304

Ion Ratio Lower Upper

56 100

55 70.9 58.2 87.4



#14

Allyl chloride

Concen: 19.677 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX006590.D

Acq: 18 Dec 2018 11:38

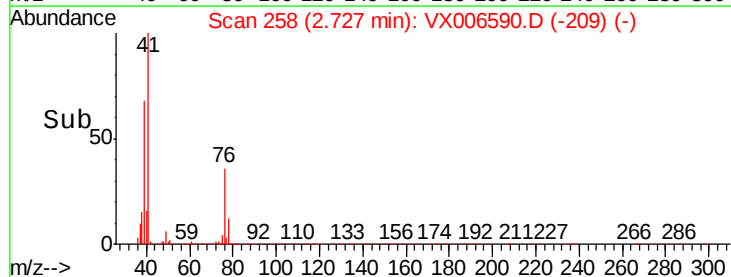
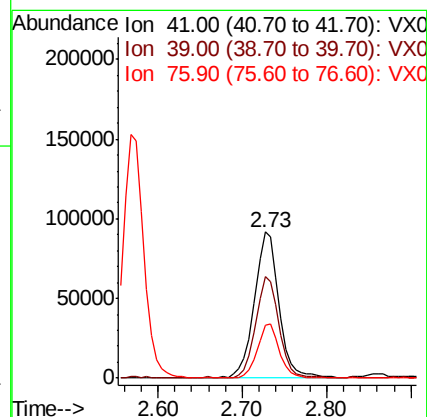
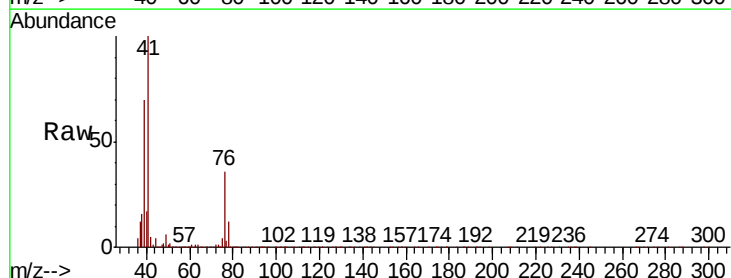
Tgt Ion: 41 Resp: 178226

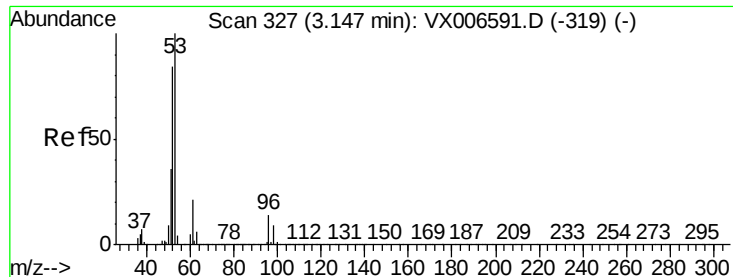
Ion Ratio Lower Upper

41 100

39 65.8 53.6 80.4

76 33.4 27.4 41.2





#15

Acrylonitrile

Concen: 101.919 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX006590.D

Acq: 18 Dec 2018 11:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

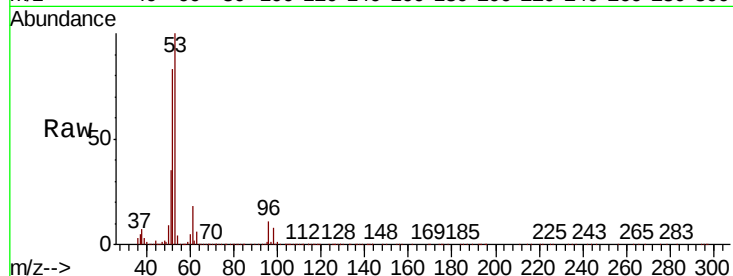
Tgt Ion: 53 Resp: 327812

Ion Ratio Lower Upper

53 100

52 83.5 66.0 99.0

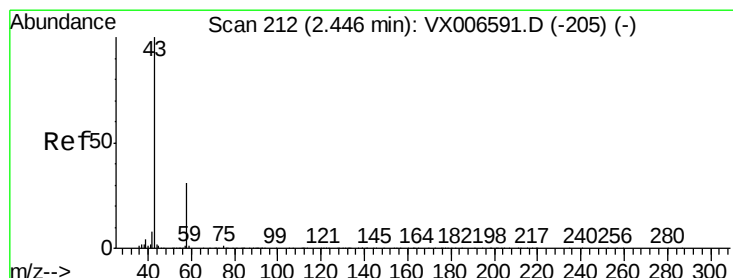
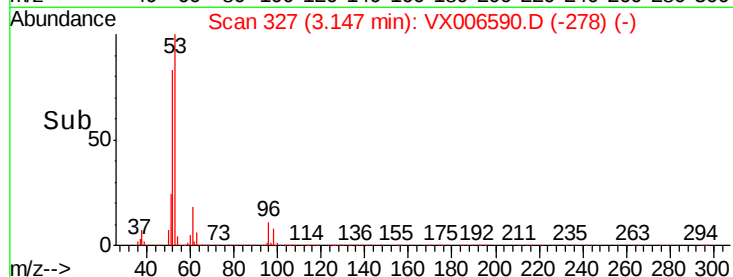
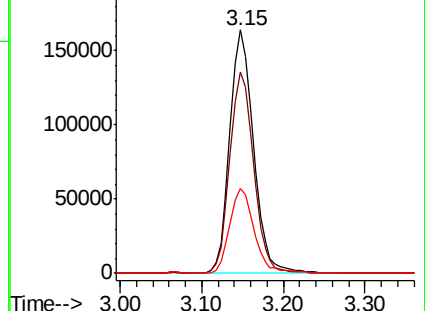
51 35.9 28.6 42.8



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: 102.816 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX006590.D

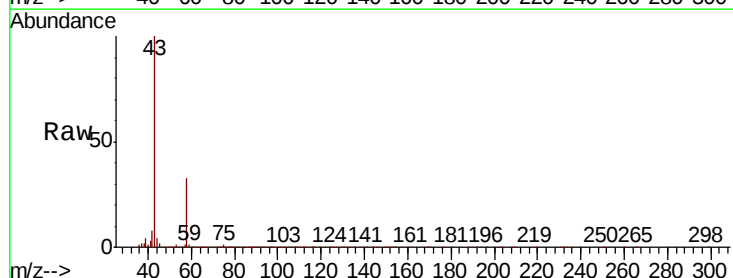
Acq: 18 Dec 2018 11:38

Tgt Ion: 43 Resp: 306615

Ion Ratio Lower Upper

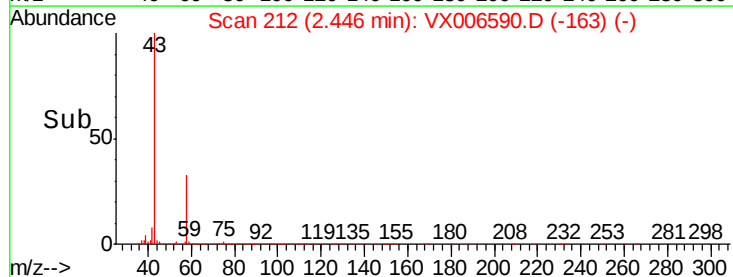
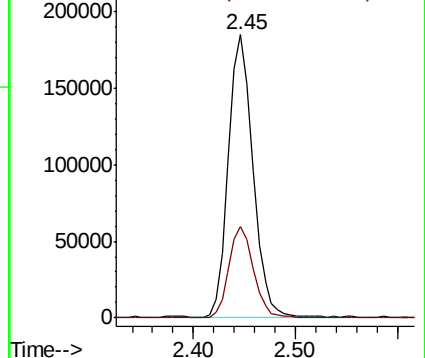
43 100

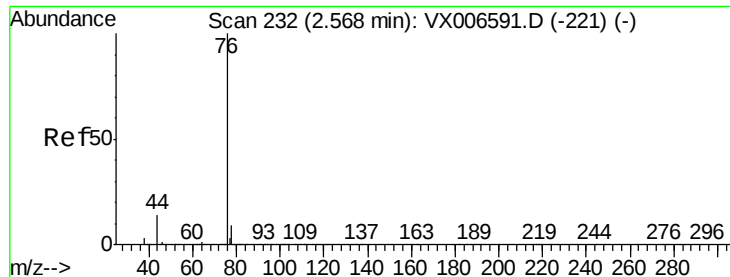
58 32.6 25.0 37.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 18.366 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX006590.D

Acq: 18 Dec 2018 11:38

Instrument :

MSVOA_X

ClientSampleId :

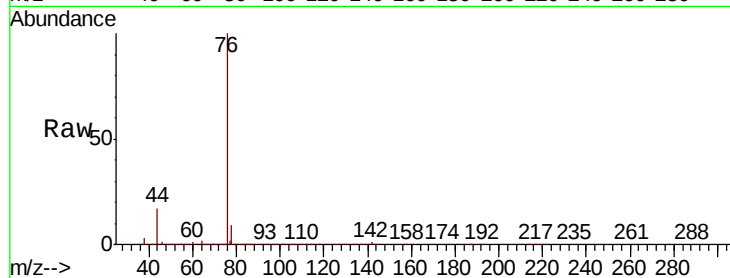
VSTDIC020

Tgt Ion: 76 Resp: 261545

Ion Ratio Lower Upper

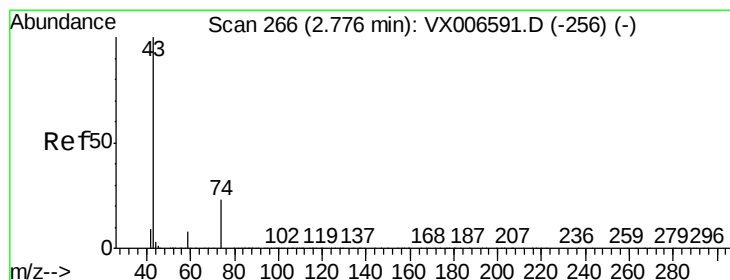
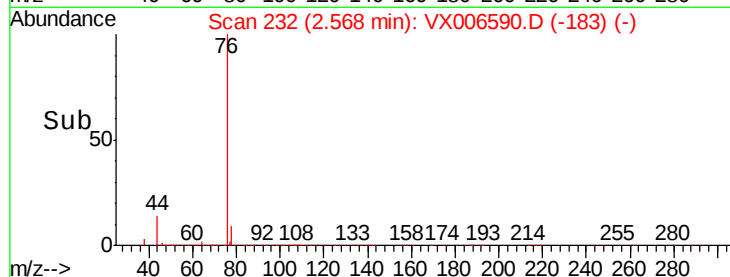
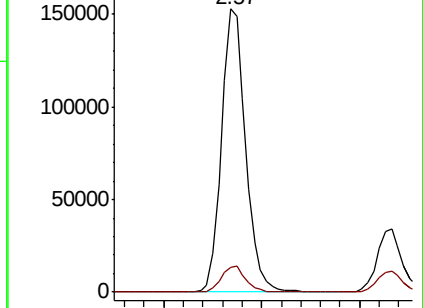
76 100

78 8.6 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 19.956 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX006590.D

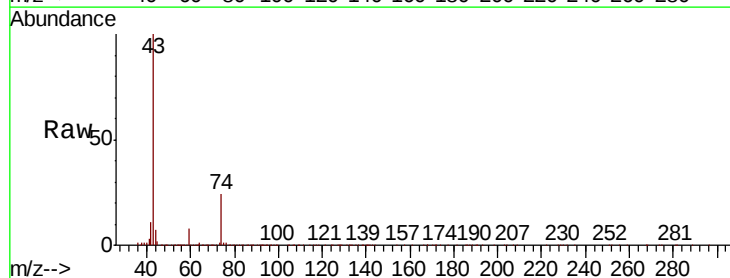
Acq: 18 Dec 2018 11:38

Tgt Ion: 43 Resp: 174997

Ion Ratio Lower Upper

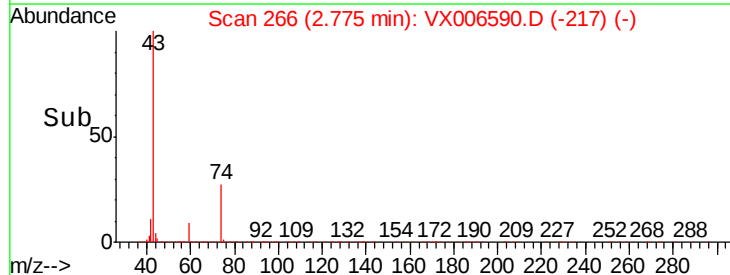
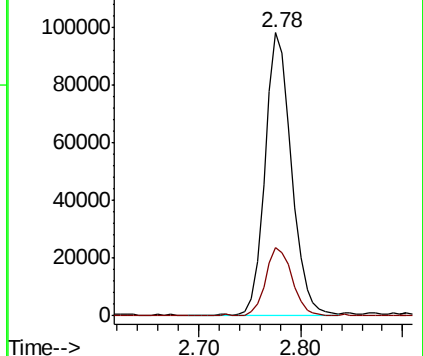
43 100

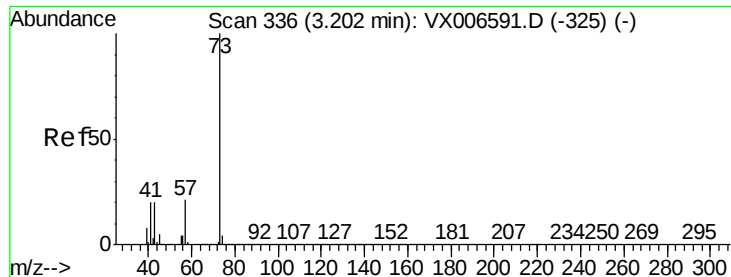
74 24.0 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

Methyl tert-butyl Ether

Concen: 20.536 ug/l

RT: 3.20 min Scan# 336

Delta R.T. -0.00 min

Lab File: VX006590.D

Acq: 18 Dec 2018 11:38

Instrument :

MSVOA_X

ClientSampleId :

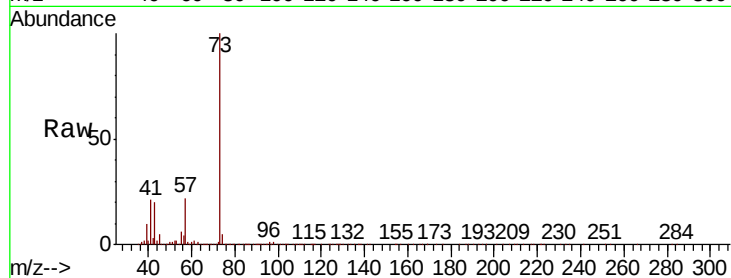
VSTDIC020

Tgt Ion: 73 Resp: 366773

Ion Ratio Lower Upper

73 100

57 21.5 16.8 25.2



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

150000

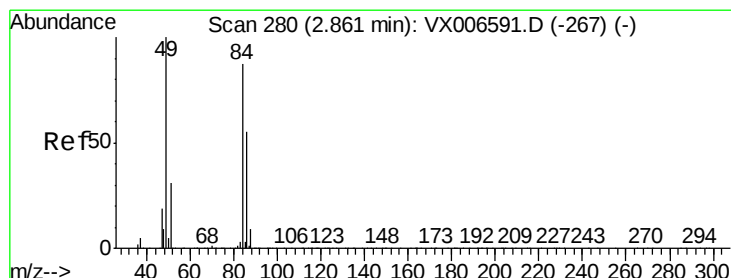
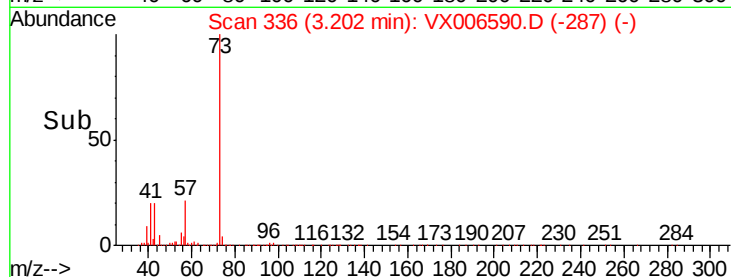
100000

50000

0

3.10 3.20 3.30 3.40

Time-->



#20

Methylene Chloride

Concen: 19.803 ug/l

RT: 2.85 min Scan# 279

Delta R.T. -0.01 min

Lab File: VX006590.D

Acq: 18 Dec 2018 11:38

Tgt Ion: 84 Resp: 122120

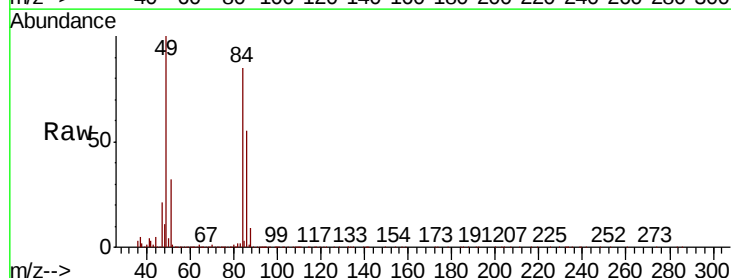
Ion Ratio Lower Upper

84 100

49 116.9 91.8 137.6

51 37.4 28.5 42.7

86 64.2 50.2 75.2



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

120000

100000

80000

60000

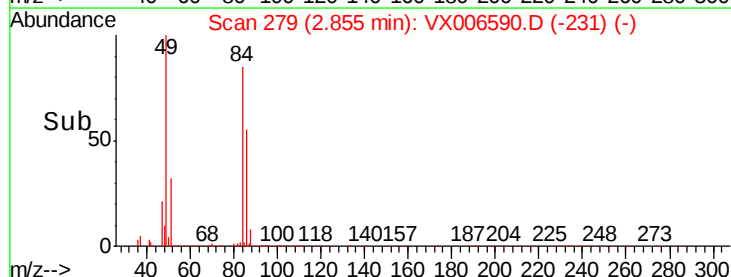
40000

20000

0

2.80 2.90 3.00

Time-->





#21

trans-1,2-Dichloroethene

Concen: 18.828 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX006590.D

Acq: 18 Dec 2018 11:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

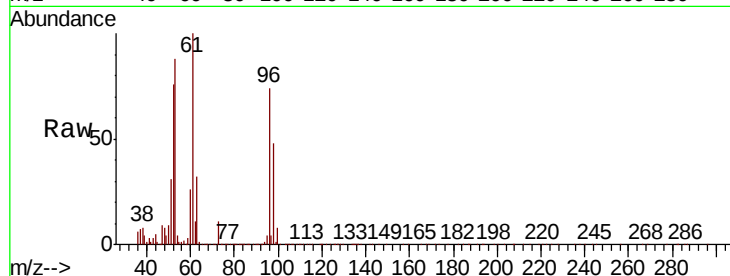
Tgt Ion: 96 Resp: 112261

Ion Ratio Lower Upper

96 100

61 134.4 103.7 155.5

98 63.9 51.0 76.6

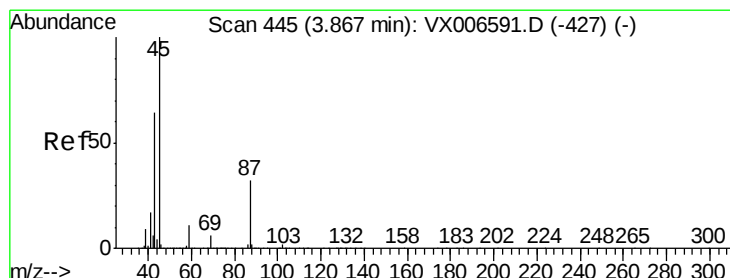
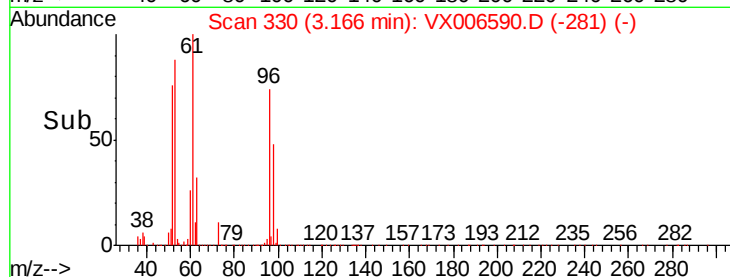
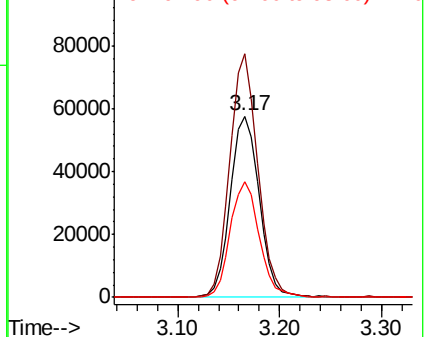


Abundance

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: 20.101 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.00 min

Lab File: VX006590.D

Acq: 18 Dec 2018 11:38

Tgt Ion: 45 Resp: 333091

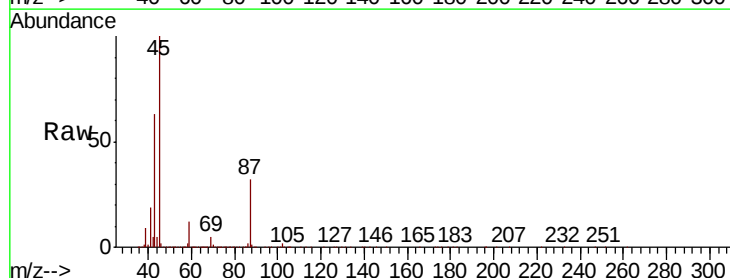
Ion Ratio Lower Upper

45 100

43 62.7 51.2 76.8

87 32.2 25.8 38.6

59 12.2 9.0 13.4



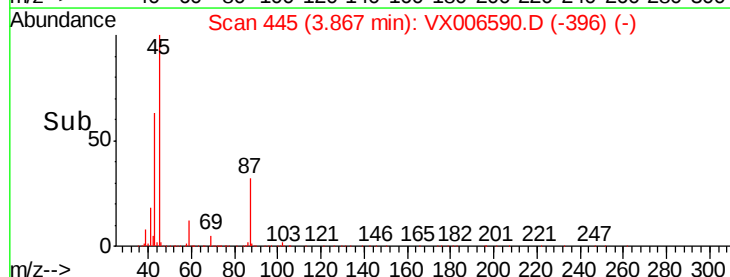
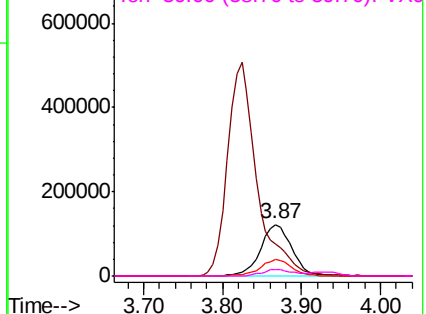
Abundance

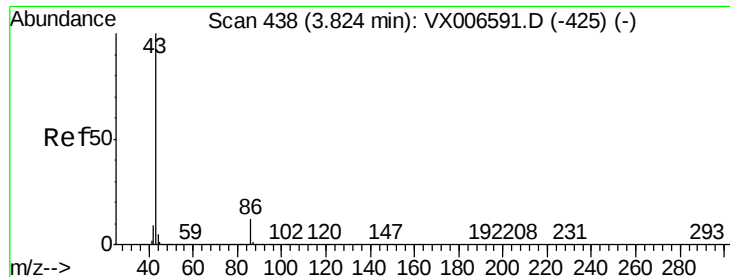
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 97.951 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX006590.D

Acq: 18 Dec 2018 11:38

Instrument :

MSVOA_X

ClientSampleId :

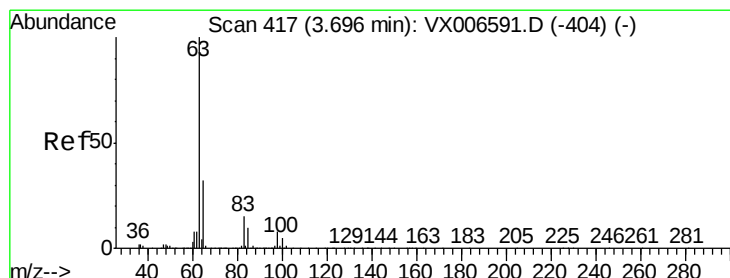
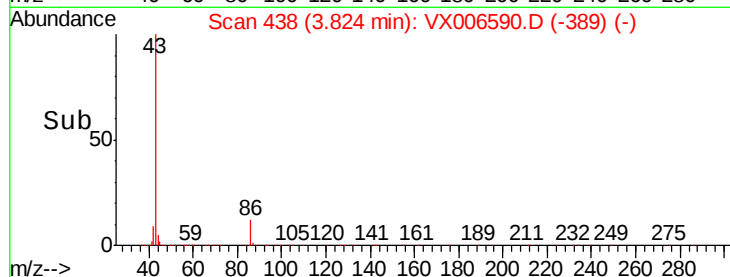
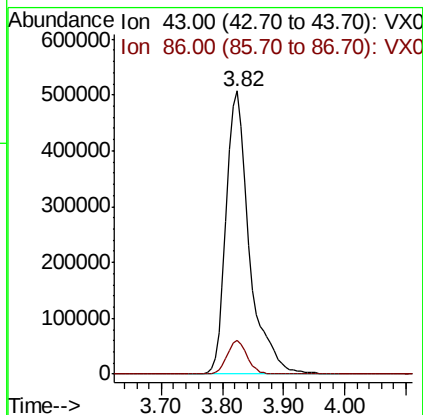
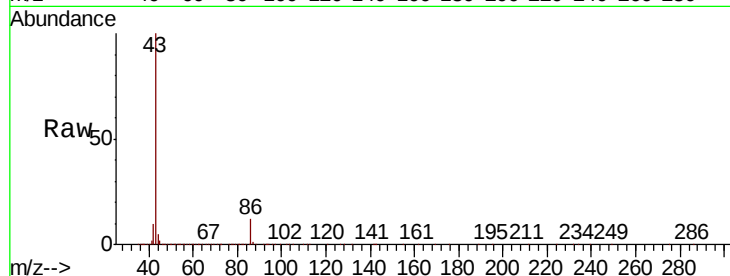
VSTDIC020

Tgt Ion: 43 Resp: 1327644

Ion Ratio Lower Upper

43 100

86 12.0 9.2 13.8



#24

1,1-Dichloroethane

Concen: 19.949 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX006590.D

Acq: 18 Dec 2018 11:38

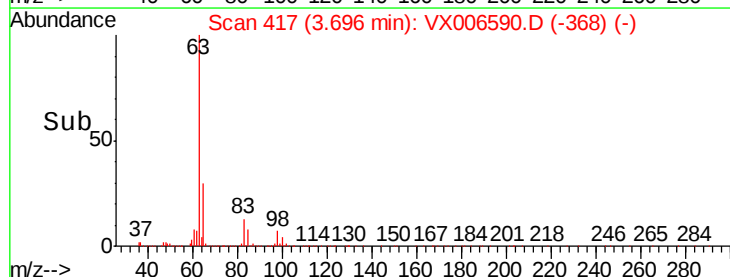
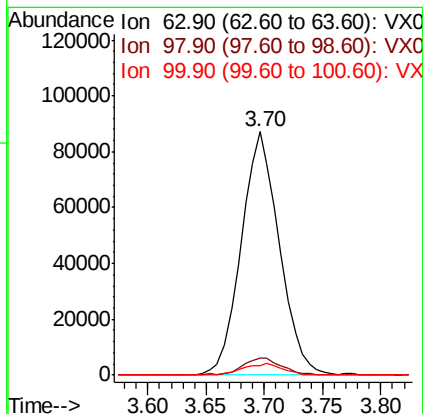
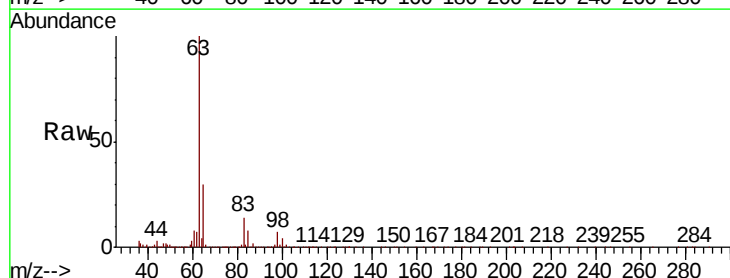
Tgt Ion: 63 Resp: 197336

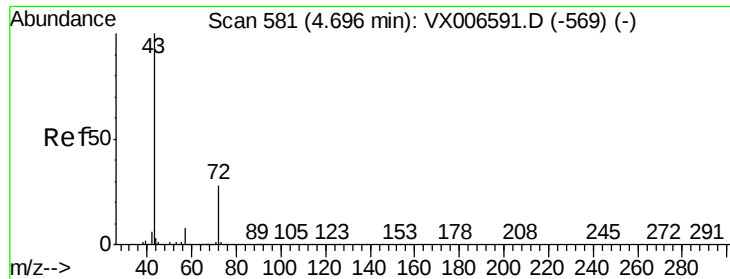
Ion Ratio Lower Upper

63 100

98 7.0 3.9 11.5

100 4.0 2.4 7.2





#25

2-Butanone

Concen: 100.714 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.00 min

Lab File: VX006590.D

Acq: 18 Dec 2018 11:38

Instrument :

MSVOA_X

ClientSampleId :

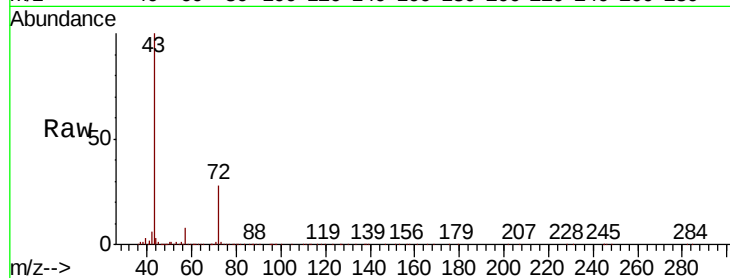
VSTDIC020

Tgt Ion: 43 Resp: 422478

Ion Ratio Lower Upper

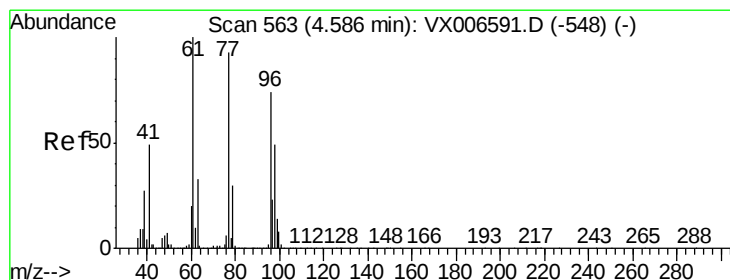
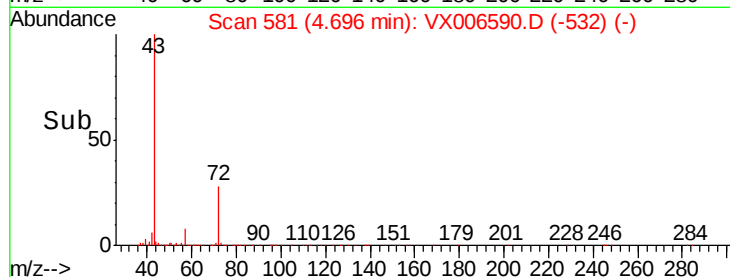
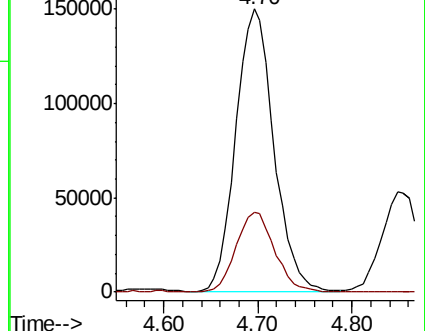
43 100

72 28.1 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 19.186 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX006590.D

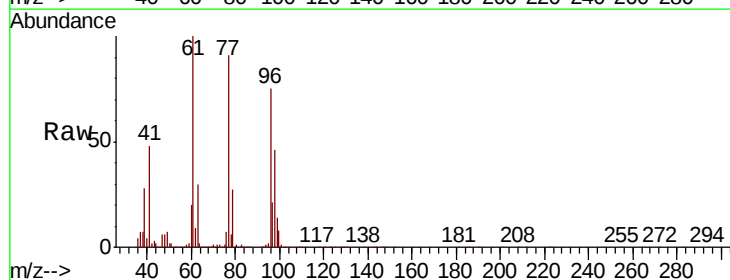
Acq: 18 Dec 2018 11:38

Tgt Ion: 77 Resp: 146601

Ion Ratio Lower Upper

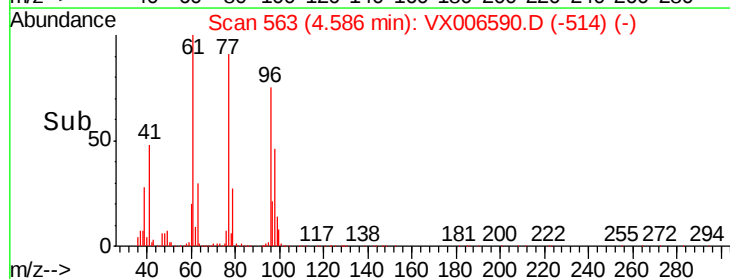
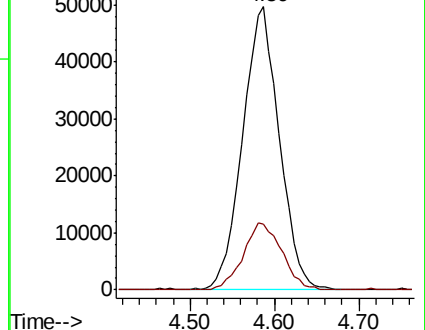
77 100

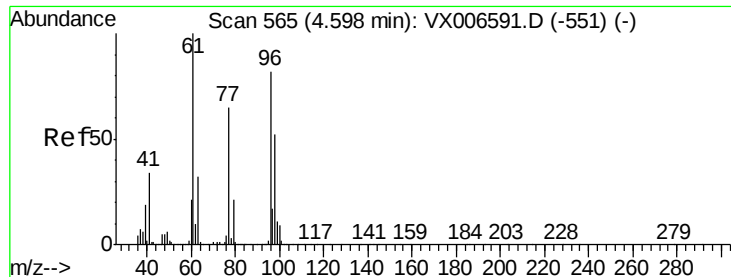
97 24.9 12.4 37.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



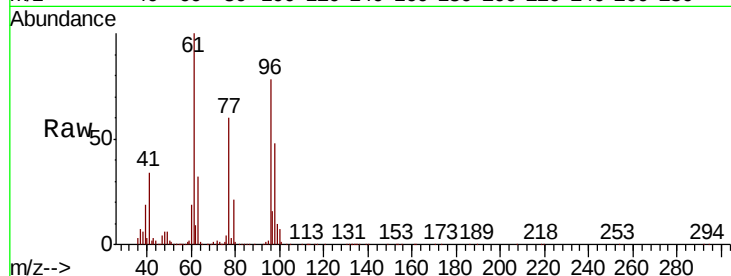


#27

cis-1,2-Dichloroethene
 Concen: 19.874 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX006590.D
 Acq: 18 Dec 2018 11:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tgt Ion	Ratio	Lower	Upper
96	100		
61	128.6	0.0	258.6
98	63.9	0.0	132.0

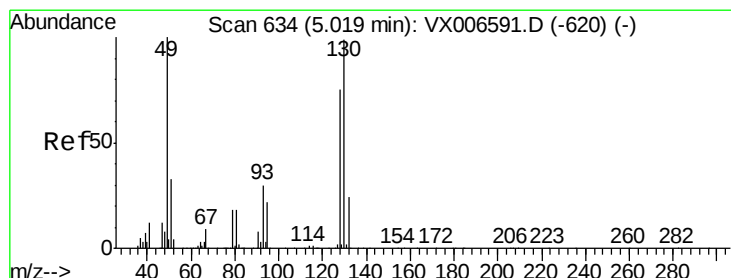
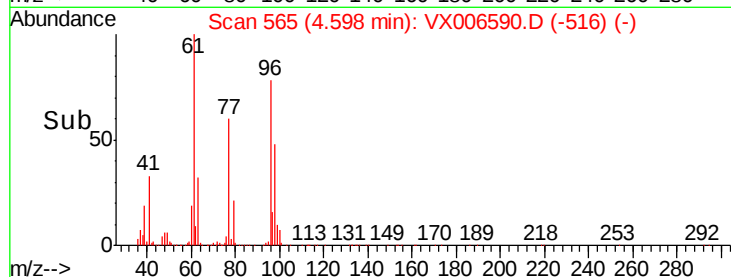
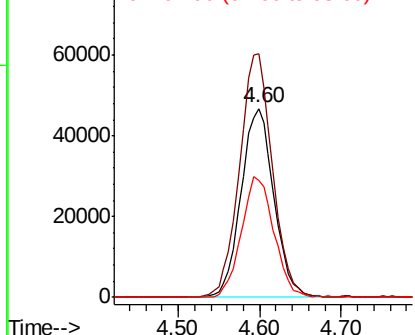


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

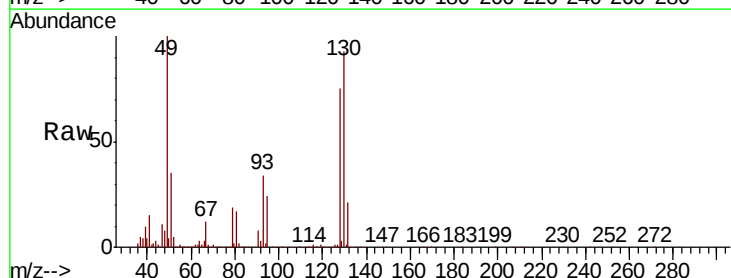
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
 Concen: 19.751 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: VX006590.D
 Acq: 18 Dec 2018 11:38

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.0	0.0	5.4
130	94.7	77.7	116.5

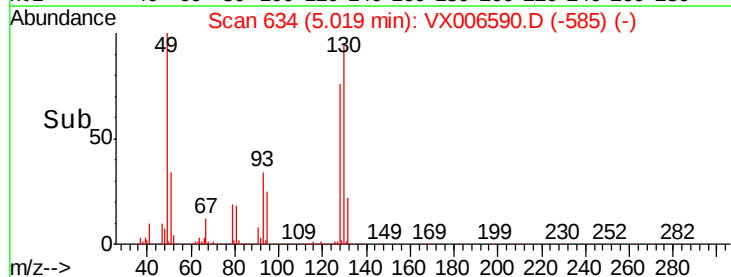
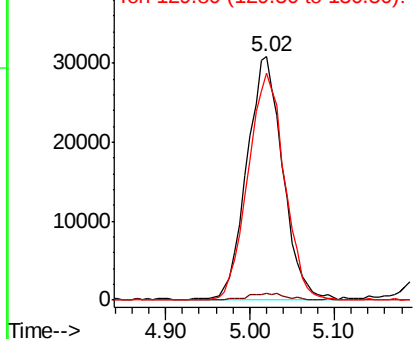


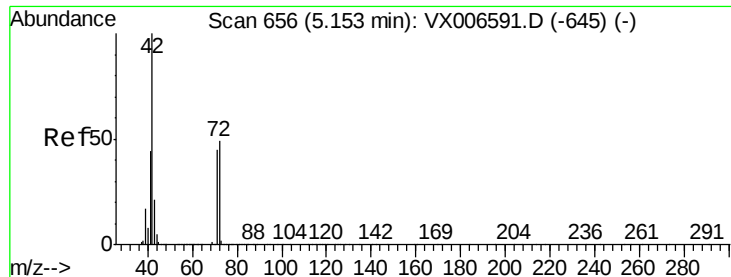
Abundance

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: 98.233 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX006590.D

Acq: 18 Dec 2018 11:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

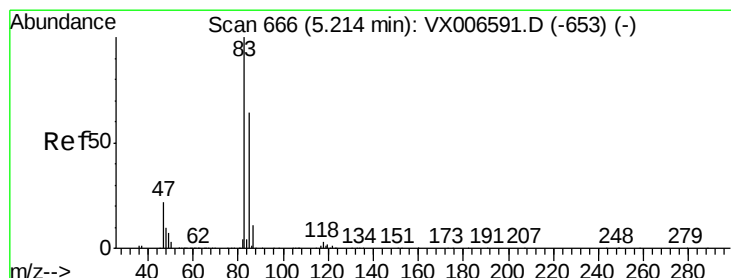
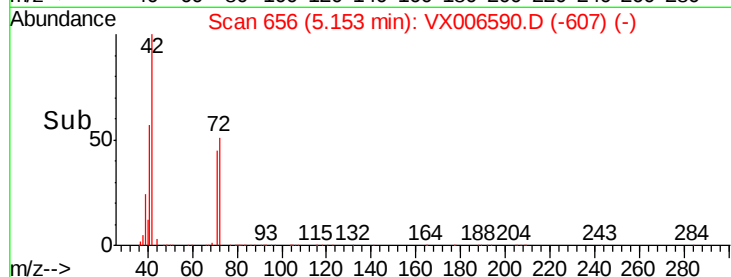
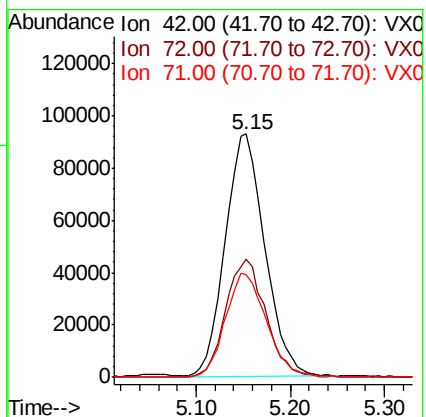
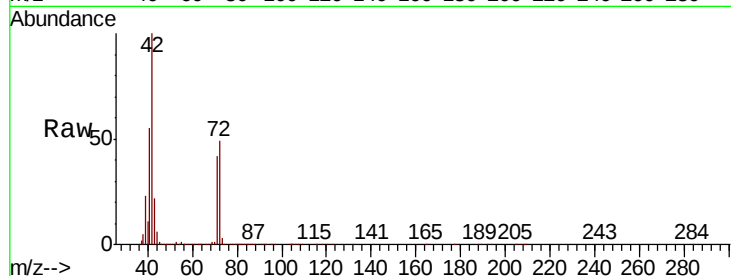
Tgt Ion: 42 Resp: 271403

Ion Ratio Lower Upper

42 100

72 49.1 38.9 58.3

71 44.3 36.2 54.4



#30

Chloroform

Concen: 19.877 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX006590.D

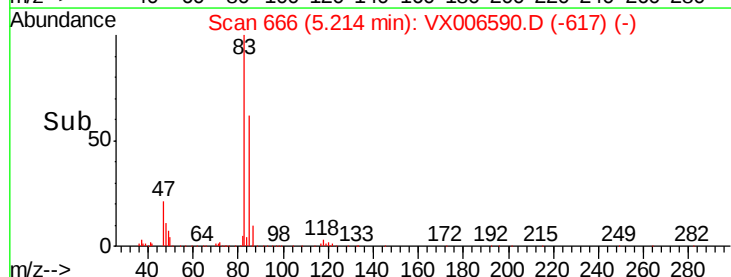
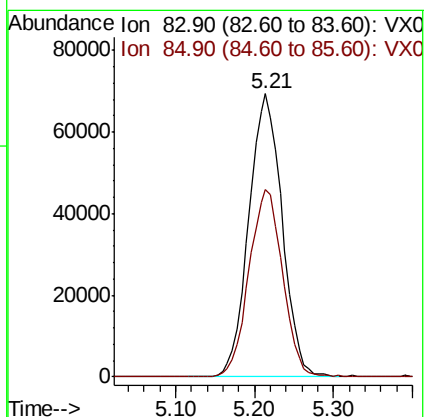
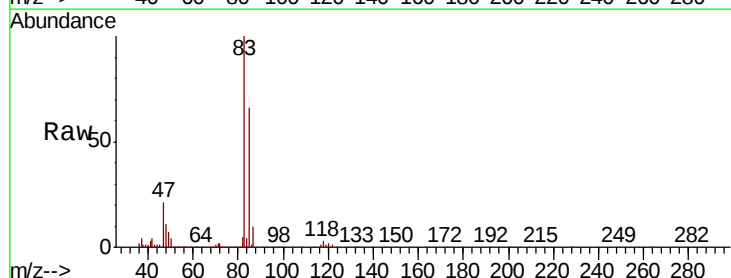
Acq: 18 Dec 2018 11:38

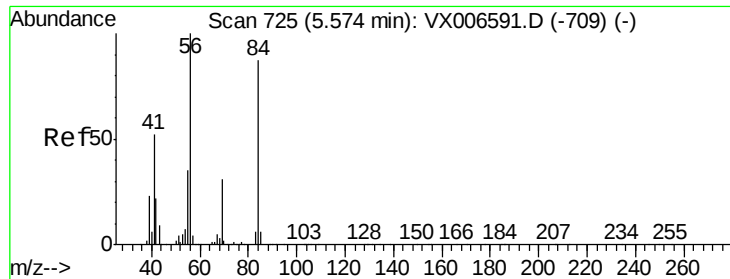
Tgt Ion: 83 Resp: 203615

Ion Ratio Lower Upper

83 100

85 65.9 51.2 76.8

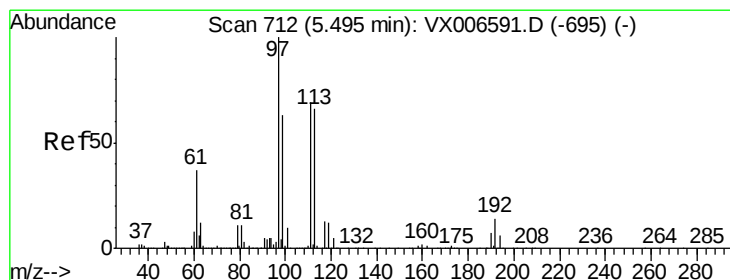
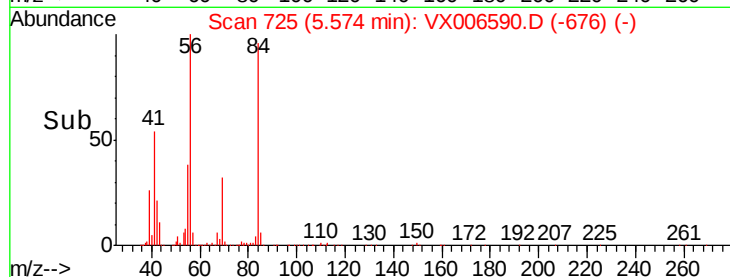
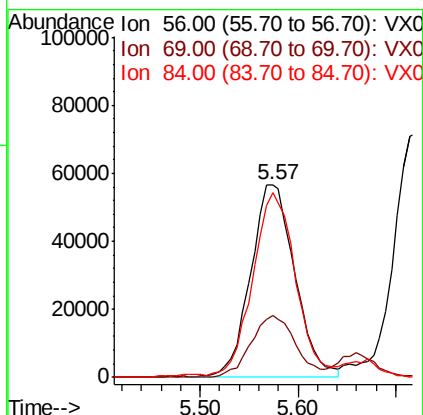
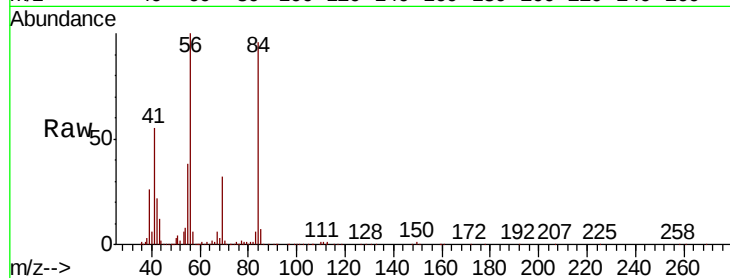




#31
Cyclohexane
Concen: 19.724 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

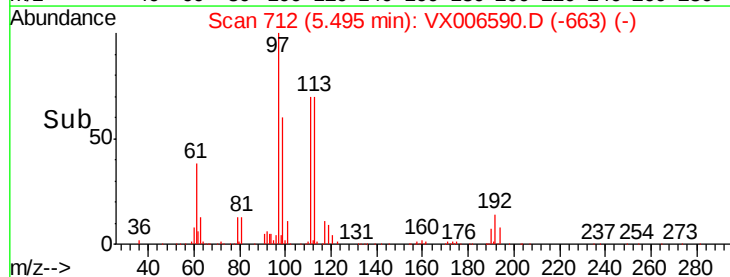
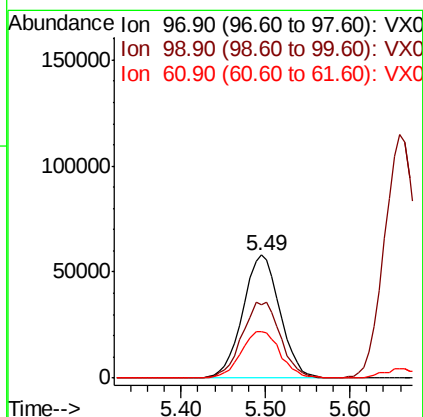
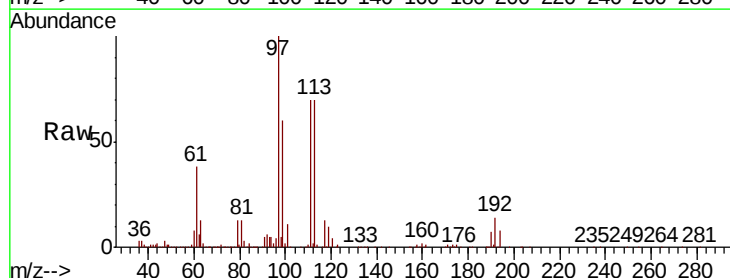
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

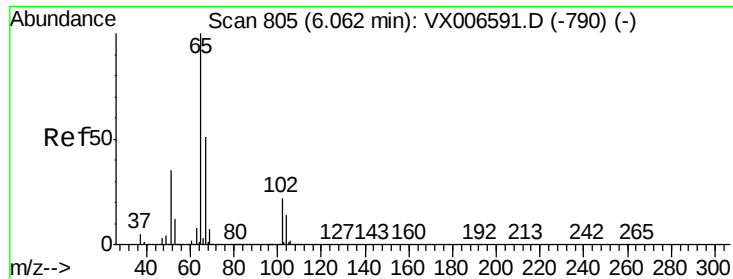
Tgt Ion: 56 Resp: 177248
Ion Ratio Lower Upper
56 100
69 32.1 24.4 36.6
84 94.3 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 20.022 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

Tgt Ion: 97 Resp: 173176
Ion Ratio Lower Upper
97 100
99 63.7 51.7 77.5
61 40.4 31.3 46.9

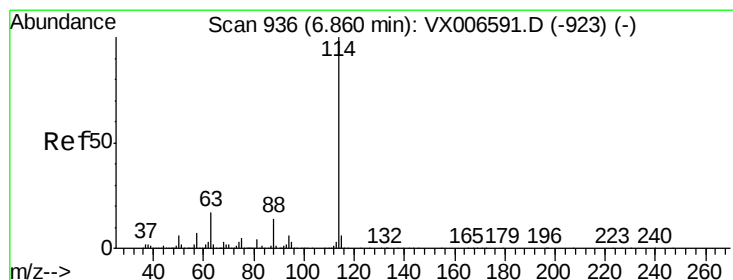
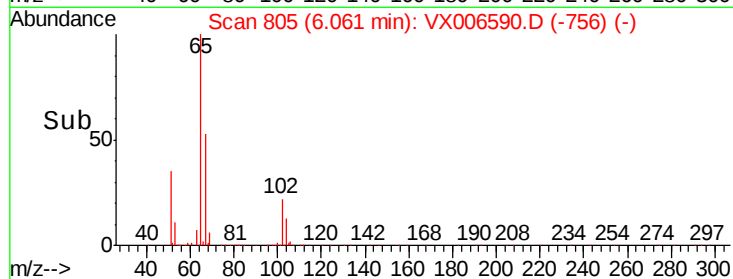
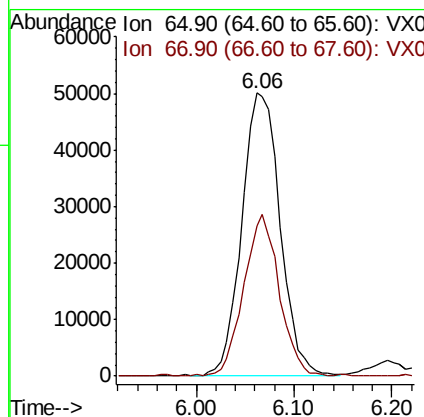
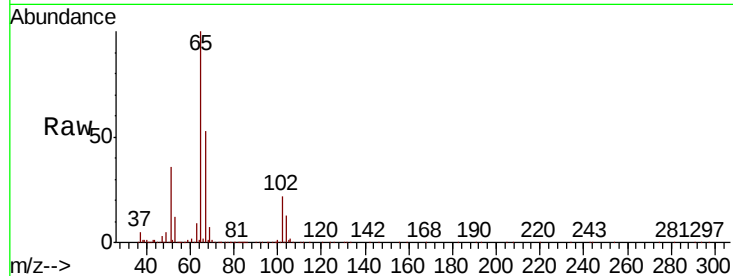




#33
 1,2-Dichloroethane-d4
 Concen: 20.874 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX006590.D
 Acq: 18 Dec 2018 11:38

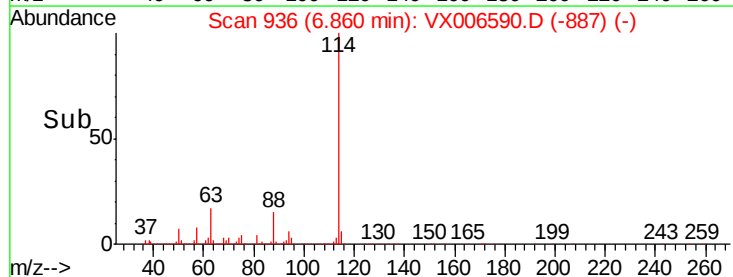
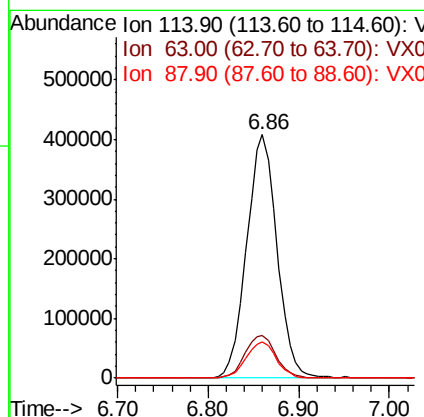
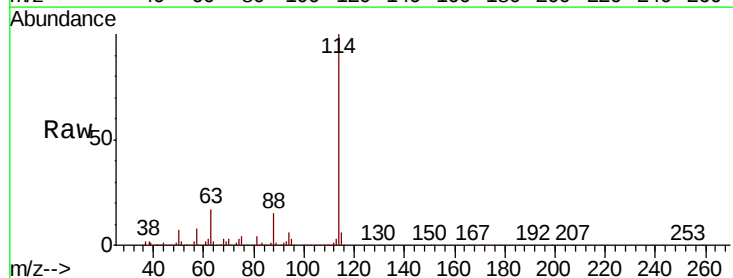
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

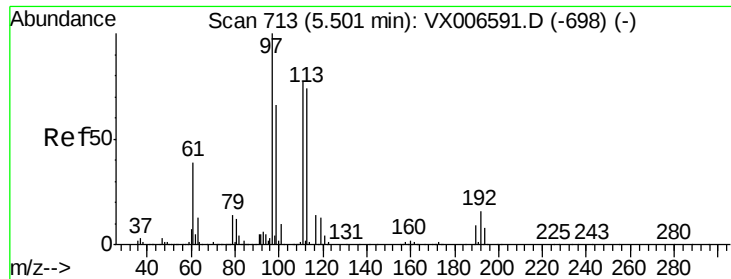
Tgt Ion: 65 Resp: 135494
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX006590.D
 Acq: 18 Dec 2018 11:38

Tgt Ion: 114 Resp: 942789
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 34.8
 88 14.7 0.0 28.8





#35

Dibromofluoromethane

Concen: 19.977 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX006590.D

Acq: 18 Dec 2018 11:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

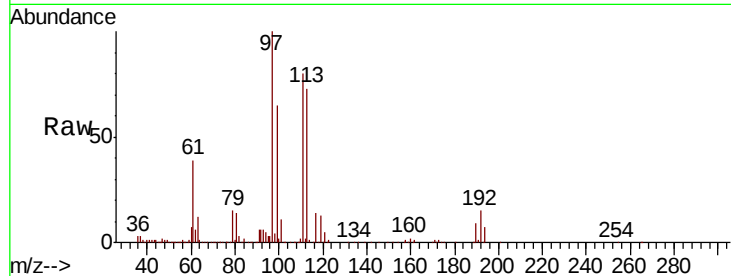
Tgt Ion:113 Resp: 119102

Ion Ratio Lower Upper

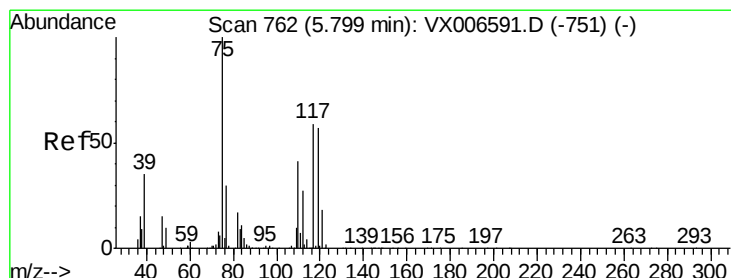
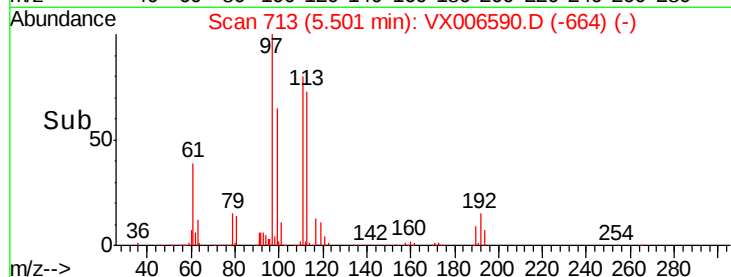
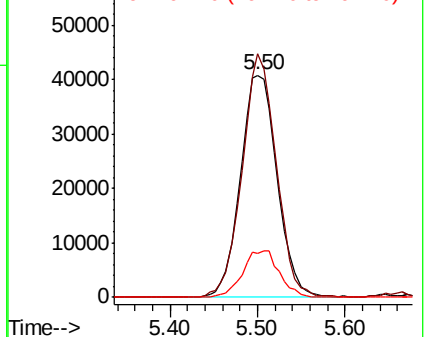
113 100

111 101.8 81.6 122.4

192 21.0 16.7 25.1



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



#36

1,1-Dichloropropene

Concen: 19.562 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX006590.D

Acq: 18 Dec 2018 11:38

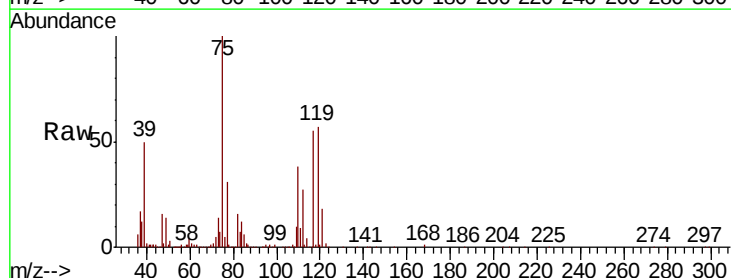
Tgt Ion: 75 Resp: 152751

Ion Ratio Lower Upper

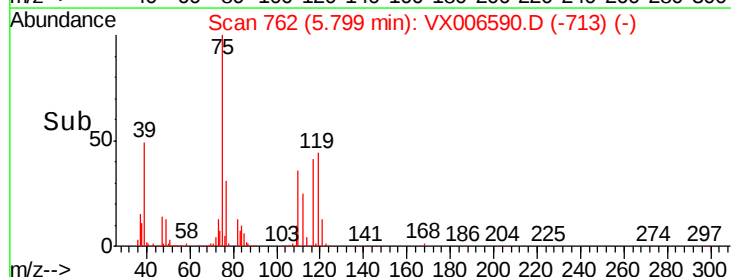
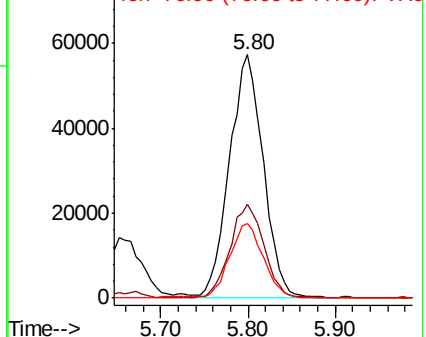
75 100

110 38.6 20.2 60.5

77 30.5 24.8 37.2



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VX0

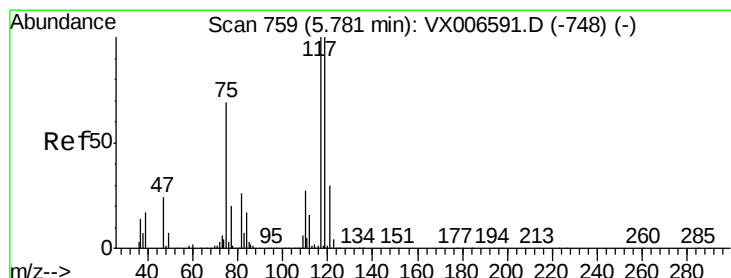
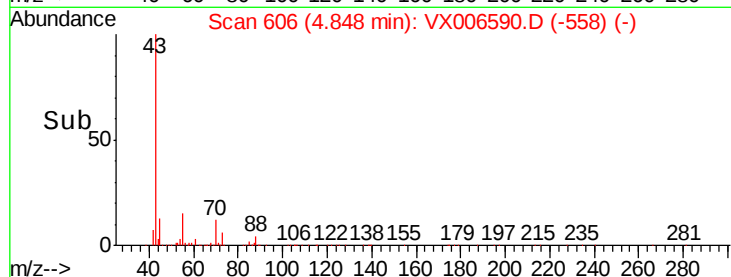
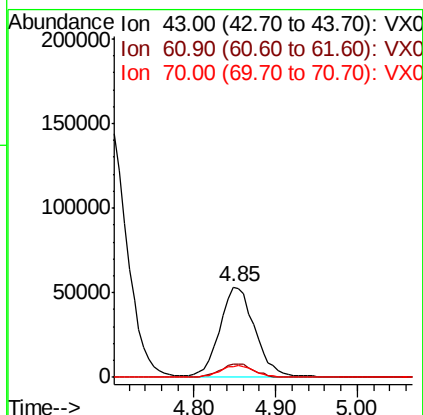
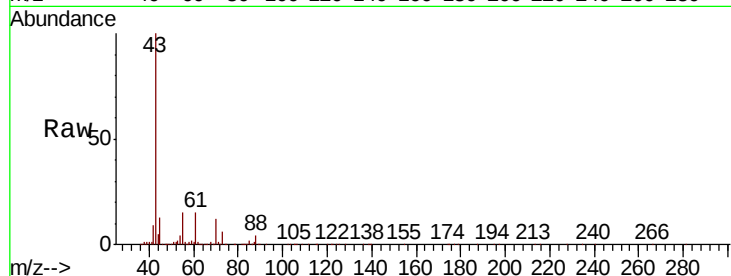




#37
Ethyl Acetate
Concen: 19.330 ug/l
RT: 4.85 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

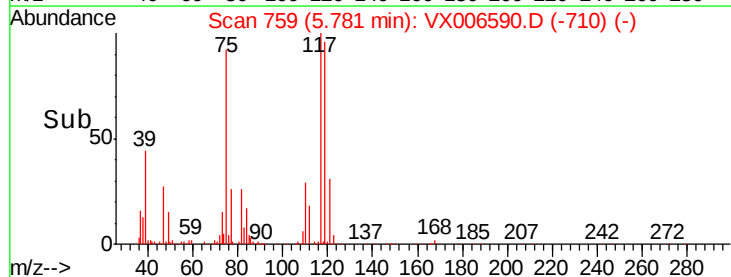
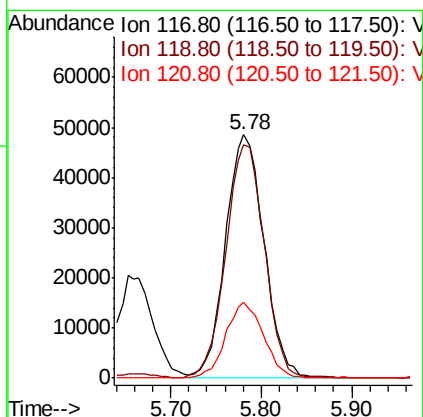
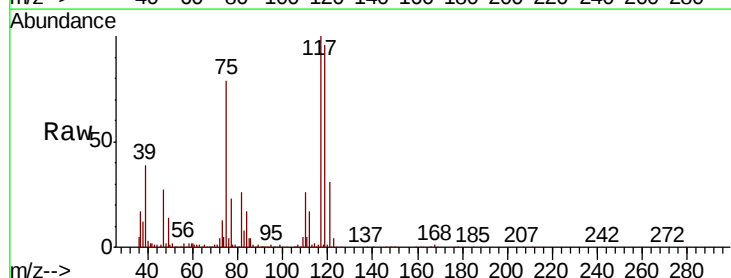
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

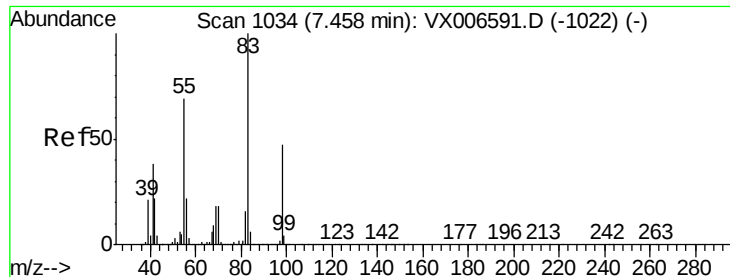
Tgt Ion:	43	Resp:	157102
Ion	Ratio	Lower	Upper
43	100		
61	14.3	11.9	17.9
70	12.7	9.7	14.5



#38
Carbon Tetrachloride
Concen: 18.738 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

Tgt Ion:	117	Resp:	142197
Ion	Ratio	Lower	Upper
117	100		
119	95.8	79.4	119.2
121	31.1	24.0	36.0

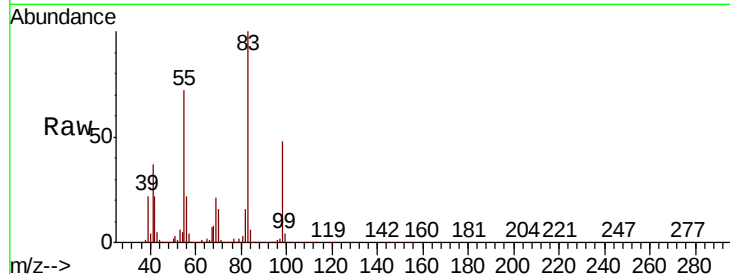




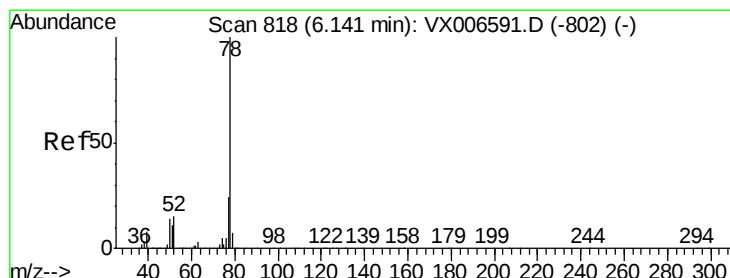
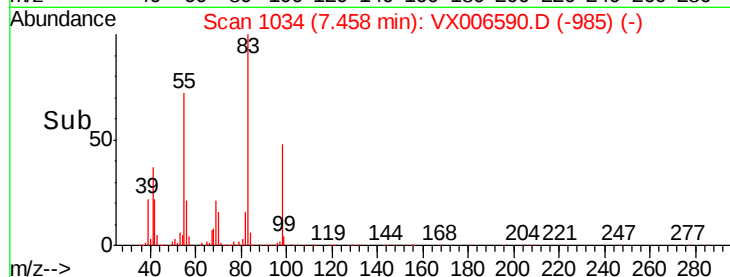
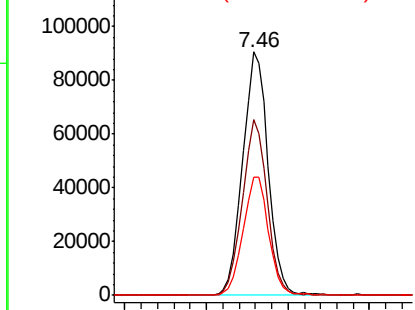
#39
Methylcyclohexane
Concen: 19.153 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion	Ratio	Lower	Upper
83	100		
55	71.8	54.9	82.3
98	48.4	37.9	56.9

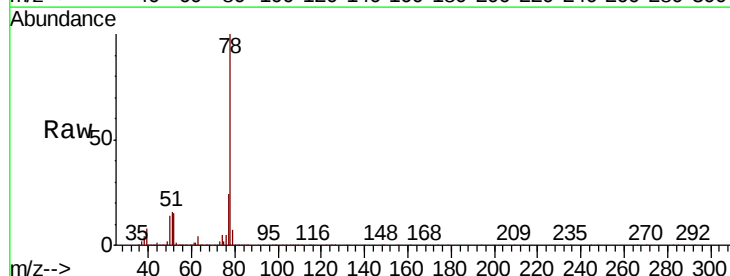


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

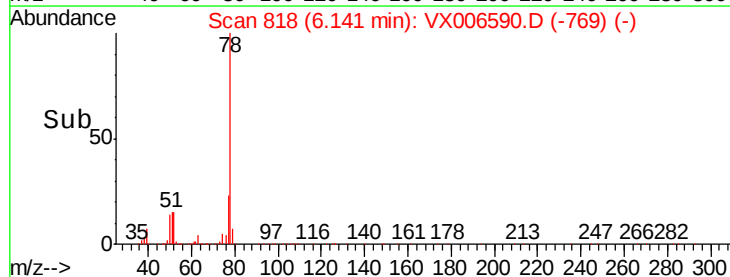
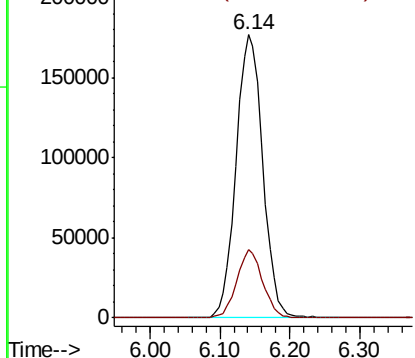


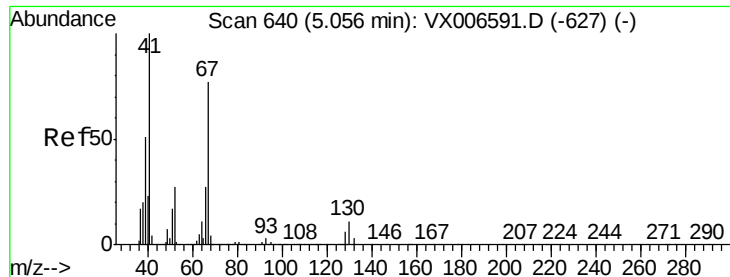
#40
Benzene
Concen: 19.755 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.2	28.8



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





#41

Methacrylonitrile

Concen: 18.334 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.00 min

Lab File: VX006590.D

Acq: 18 Dec 2018 11:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 41 Resp: 83734

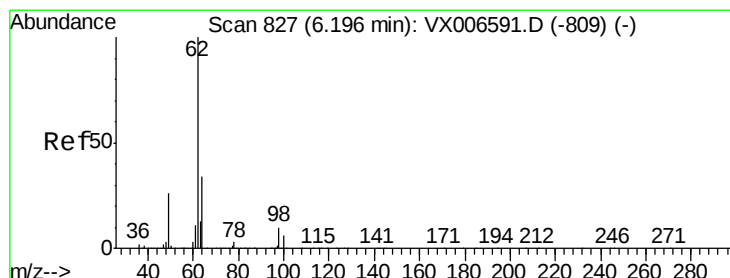
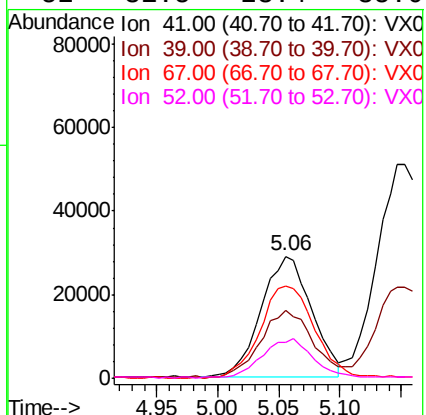
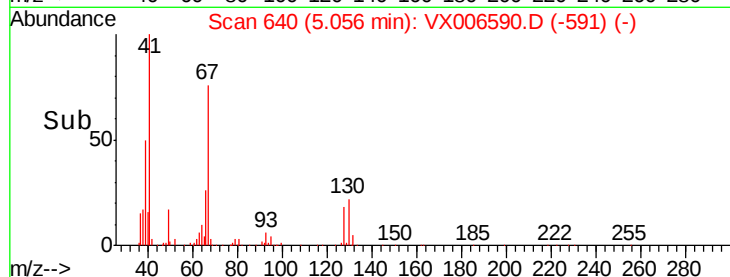
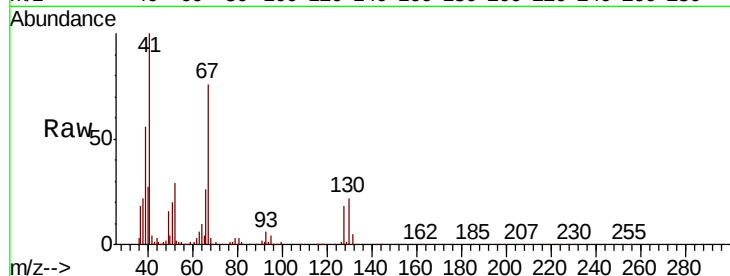
Ion Ratio Lower Upper

41 100

39 56.5 42.8 64.2

67 82.2 62.1 93.1

52 31.5 23.4 35.0



#42

1,2-Dichloroethane

Concen: 19.393 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX006590.D

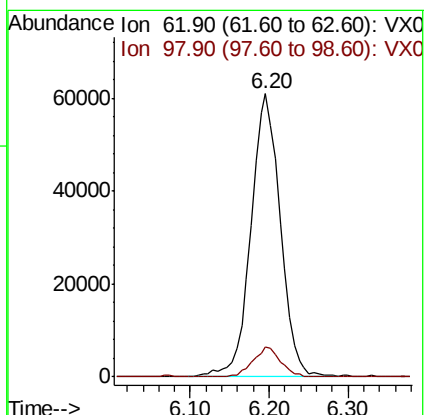
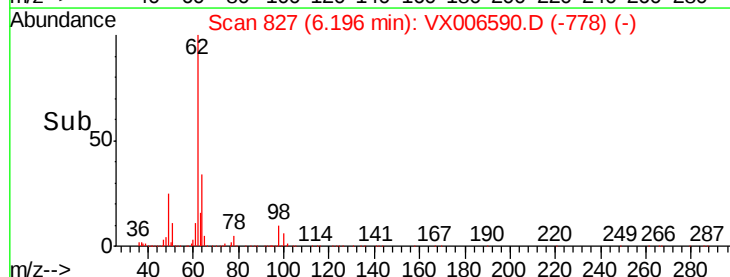
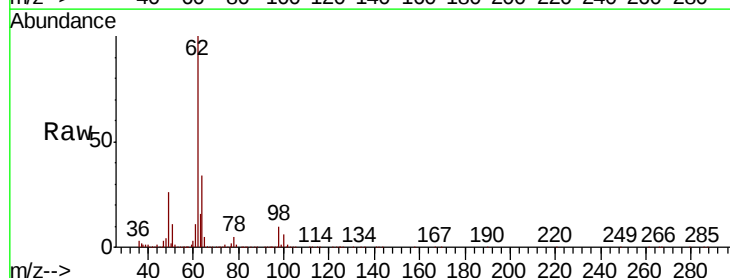
Acq: 18 Dec 2018 11:38

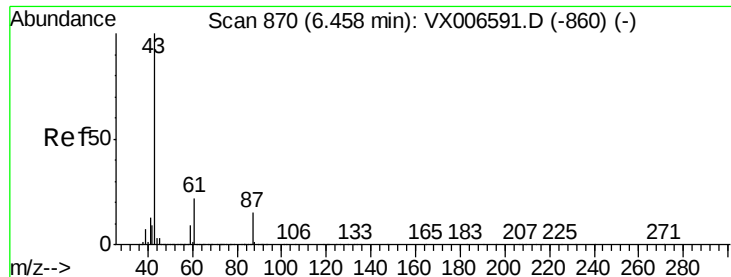
Tgt Ion: 62 Resp: 156847

Ion Ratio Lower Upper

62 100

98 10.1 0.0 20.2





#43

Isopropyl Acetate

Concen: 19.508 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX006590.D

Acq: 18 Dec 2018 11:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

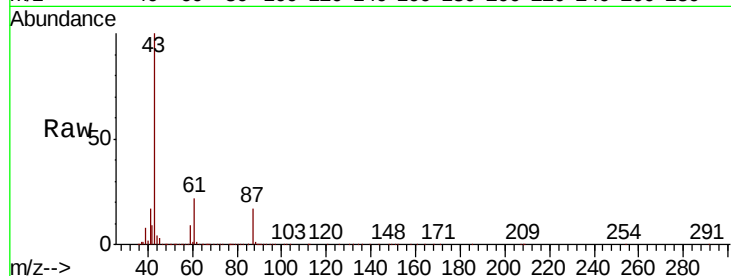
Tgt Ion: 43 Resp: 241231

Ion Ratio Lower Upper

43 100

61 20.8 16.8 25.2

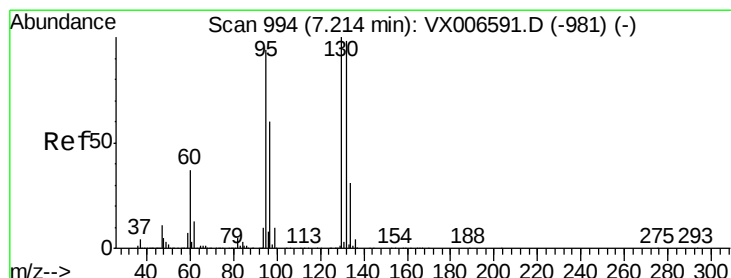
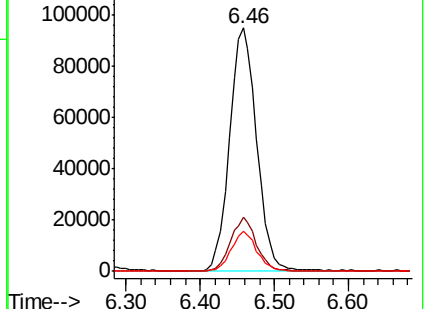
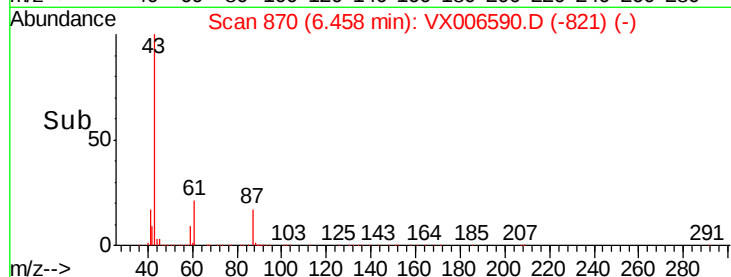
87 15.6 12.4 18.6



Abundance Ion 43.00 (42.70 to 43.70): VX006590.D (-860) (-)

Ion 61.00 (60.70 to 61.70): VX006590.D (-860) (-)

Ion 87.00 (86.70 to 87.70): VX006590.D (-860) (-)



#44

Trichloroethene

Concen: 18.974 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX006590.D

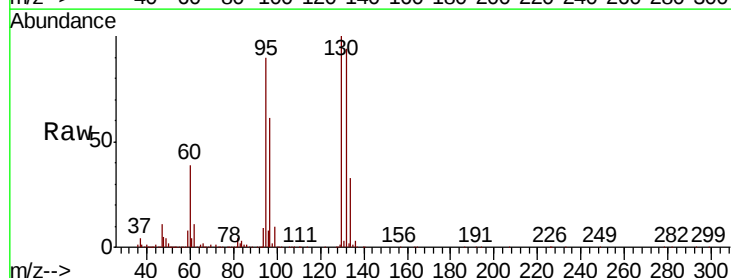
Acq: 18 Dec 2018 11:38

Tgt Ion: 130 Resp: 136305

Ion Ratio Lower Upper

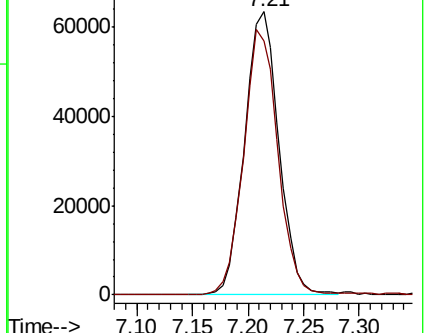
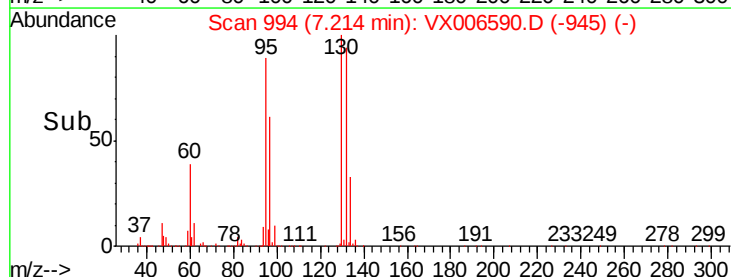
130 100

95 89.8 0.0 187.0



Abundance Ion 129.80 (129.50 to 130.50): VX006590.D (-945) (-)

Ion 94.90 (94.60 to 95.60): VX006590.D (-945) (-)





#45

1,2-Dichloropropane

Concen: 19.638 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VX006590.D

Acq: 18 Dec 2018 11:38

Instrument :

MSVOA_X

ClientSampleId :

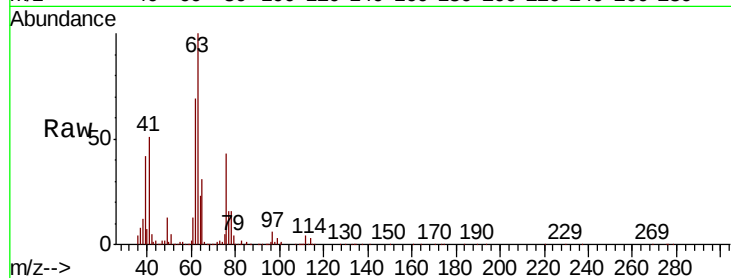
VSTDIC020

Tgt Ion: 63 Resp: 113427

Ion Ratio Lower Upper

63 100

65 30.6 25.4 38.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.52

60000

50000

40000

30000

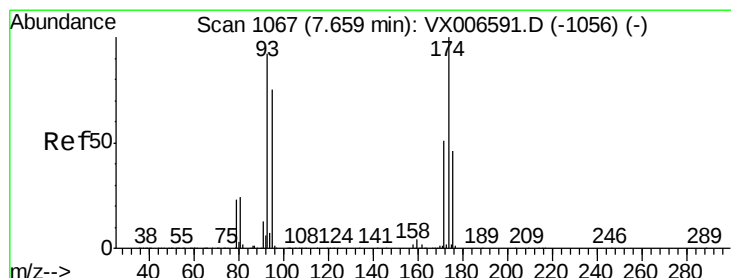
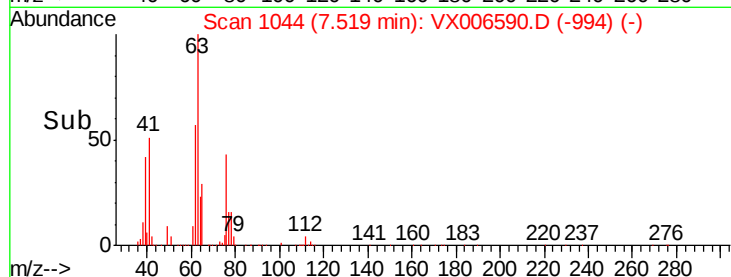
20000

10000

0

Time-->

7.40 7.50 7.60



#46

Dibromomethane

Concen: 19.381 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX006590.D

Acq: 18 Dec 2018 11:38

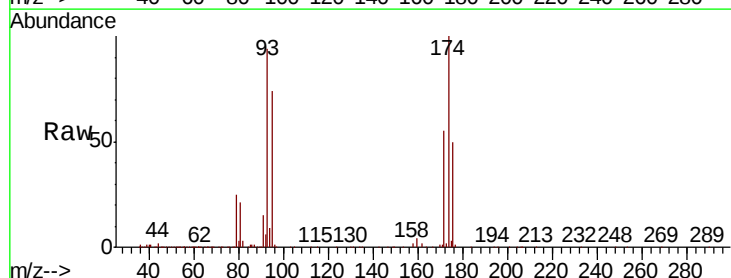
Tgt Ion: 93 Resp: 82339

Ion Ratio Lower Upper

93 100

95 81.8 66.2 99.4

174 110.8 91.0 136.4



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

60000

50000

40000

30000

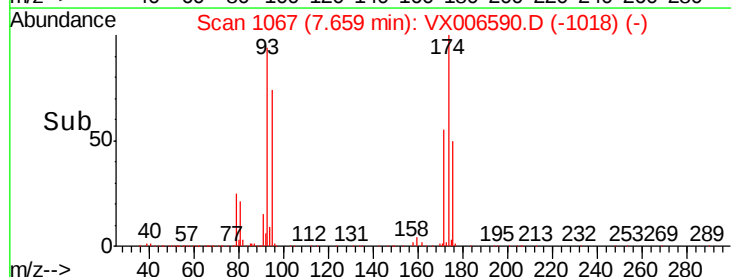
20000

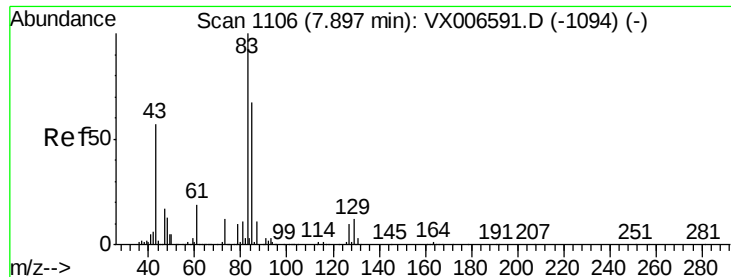
10000

0

Time-->

7.55 7.60 7.65 7.70 7.75





#47

Bromodichloromethane

Concen: 18.906 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX006590.D

Acq: 18 Dec 2018 11:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

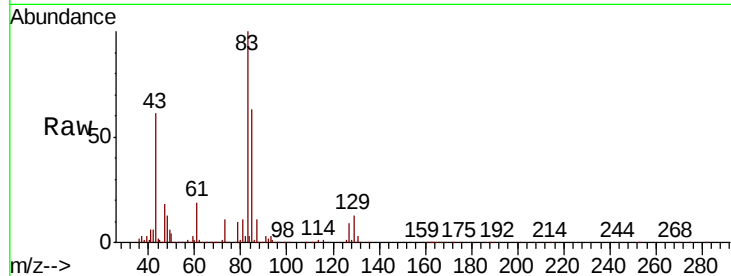
Tgt Ion: 83 Resp: 133355

Ion Ratio Lower Upper

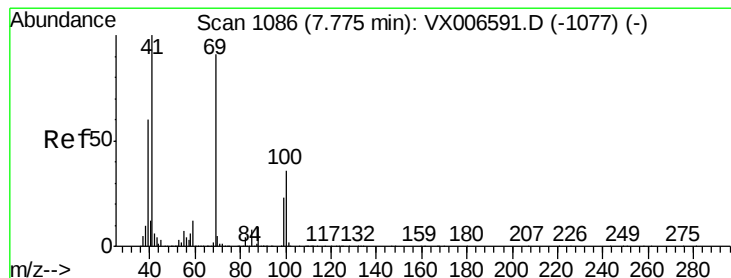
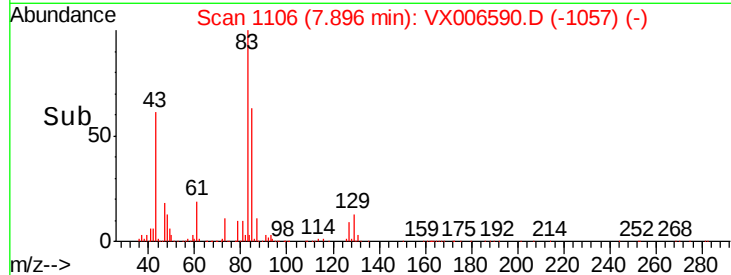
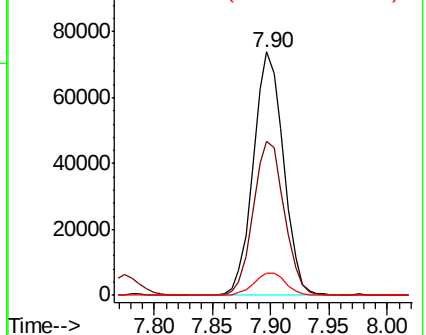
83 100

85 63.0 53.2 79.8

127 9.3 7.8 11.6



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: 20.127 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX006590.D

Acq: 18 Dec 2018 11:38

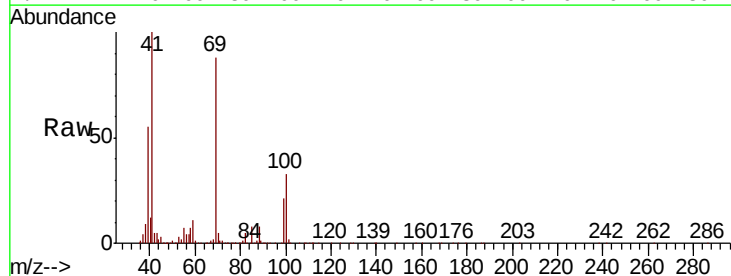
Tgt Ion: 41 Resp: 126567

Ion Ratio Lower Upper

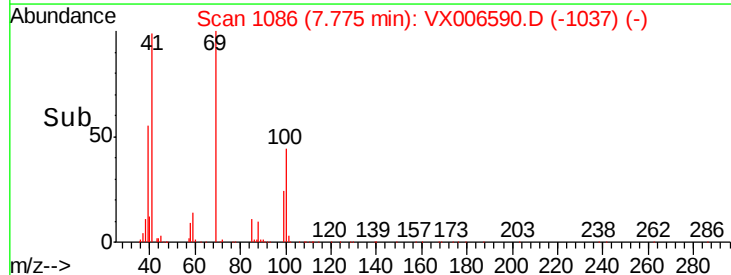
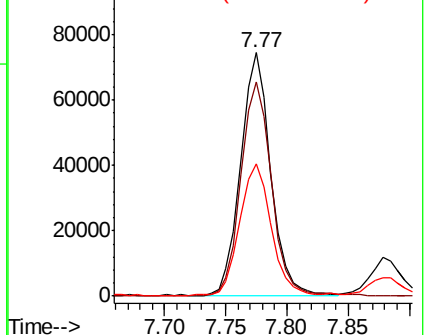
41 100

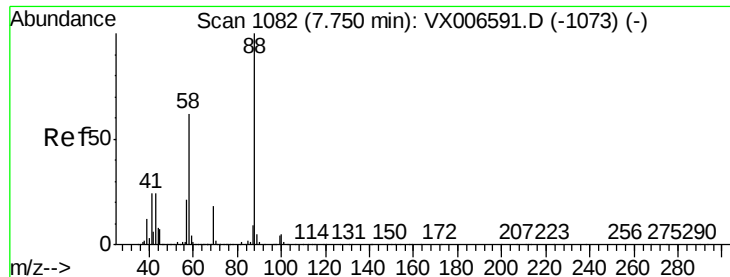
69 90.8 72.4 108.6

39 57.1 45.8 68.8



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

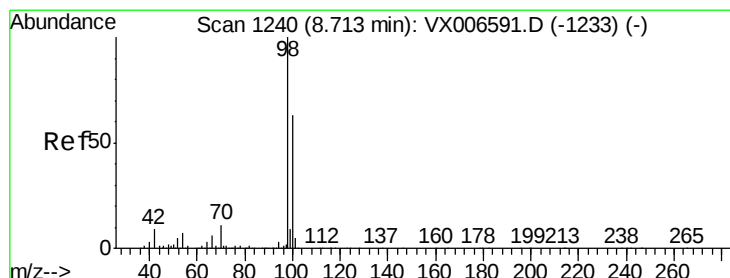
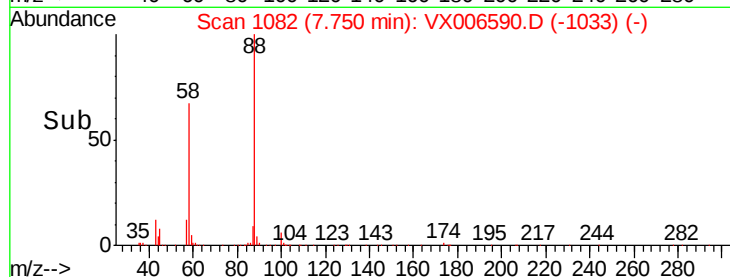
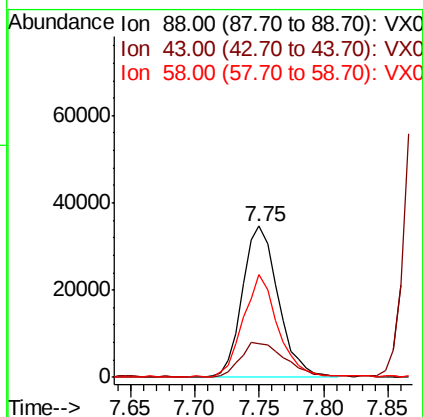
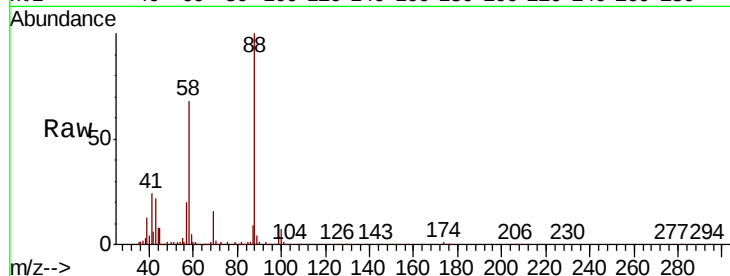




#49
1,4-Dioxane
Concen: 375.744 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.00 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

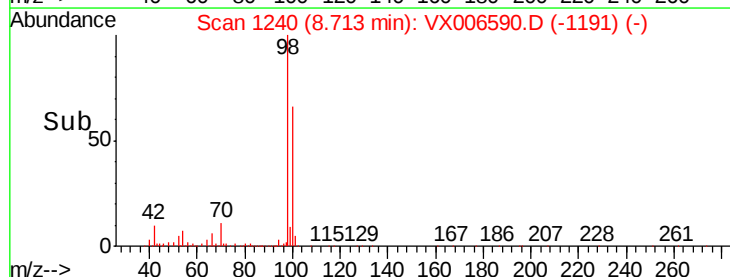
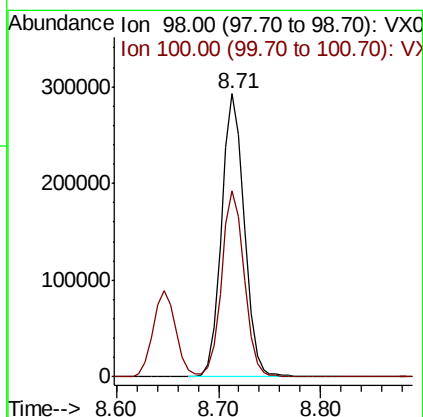
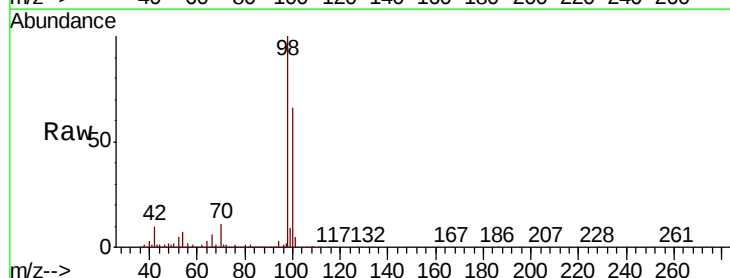
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

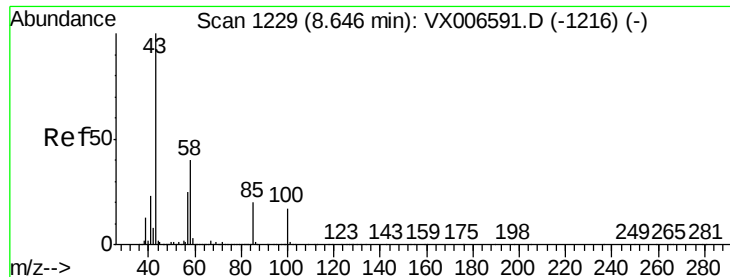
Tgt Ion: 88 Resp: 66854
Ion Ratio Lower Upper
88 100
43 28.5 22.2 33.4
58 65.4 51.0 76.4



#50
Toluene-d8
Concen: 20.196 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

Tgt Ion: 98 Resp: 453942
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0

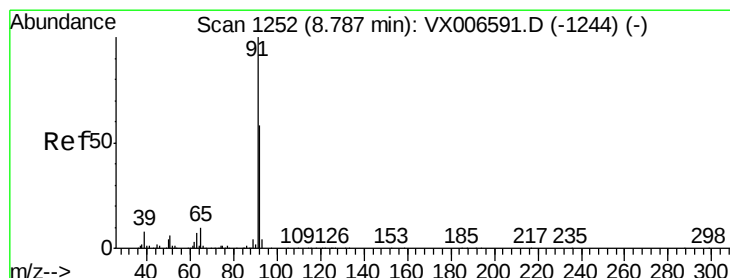
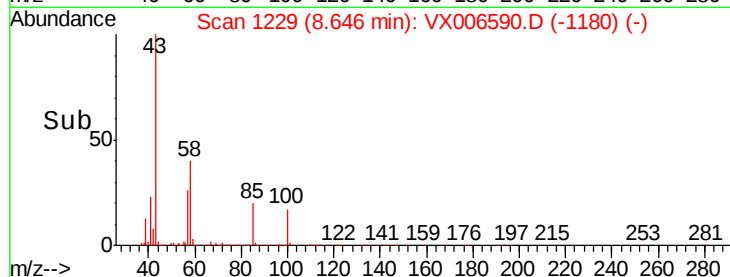
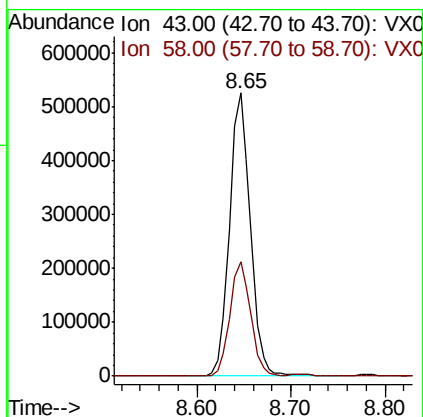
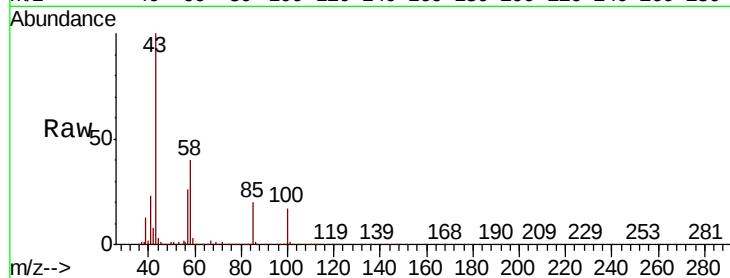




#51
 4-Methyl-2-Pentanone
 Concen: 102.501 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. -0.00 min
 Lab File: VX006590.D
 Acq: 18 Dec 2018 11:38

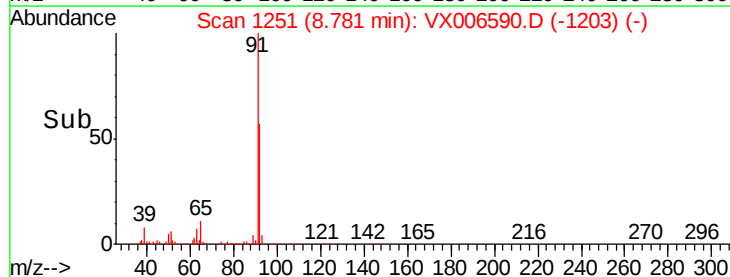
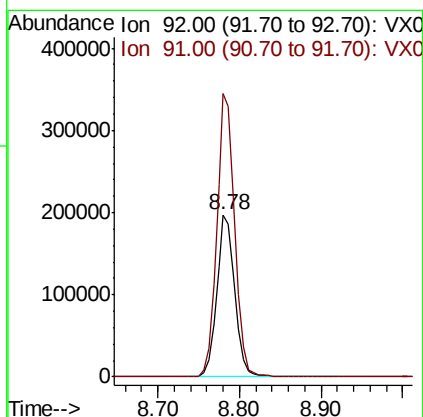
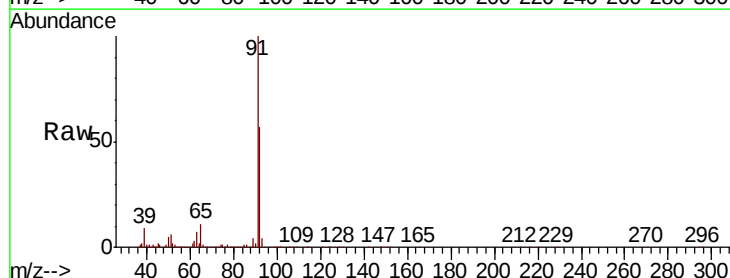
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

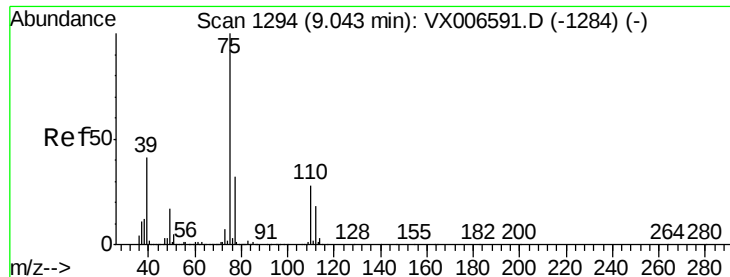
Tgt Ion: 43 Resp: 806479
 Ion Ratio Lower Upper
 43 100
 58 40.3 31.8 47.6



#52
 Toluene
 Concen: 19.899 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: VX006590.D
 Acq: 18 Dec 2018 11:38

Tgt Ion: 92 Resp: 305125
 Ion Ratio Lower Upper
 92 100
 91 173.0 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 18.594 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX006590.D

Acq: 18 Dec 2018 11:38

Instrument :

MSVOA_X

ClientSampled :

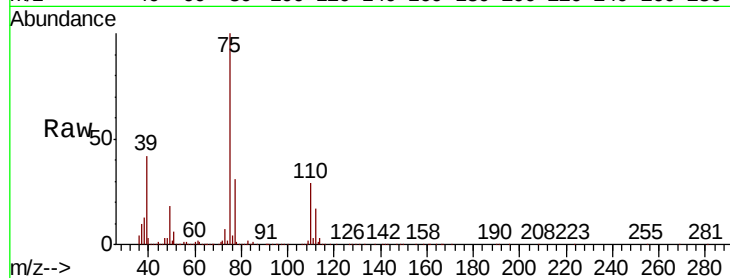
VSTDIC020

Tgt Ion: 75 Resp: 140663

Ion Ratio Lower Upper

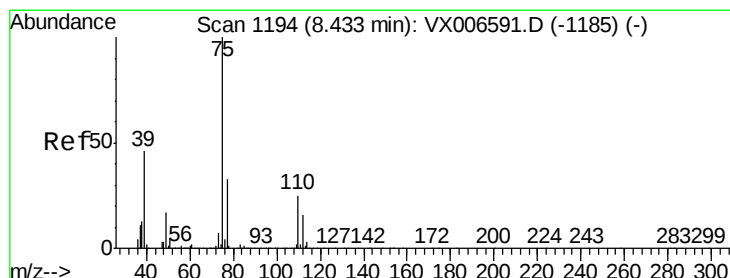
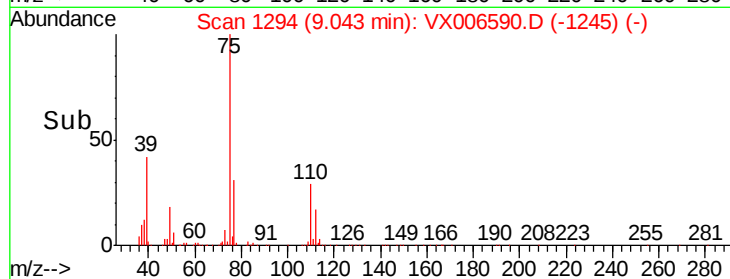
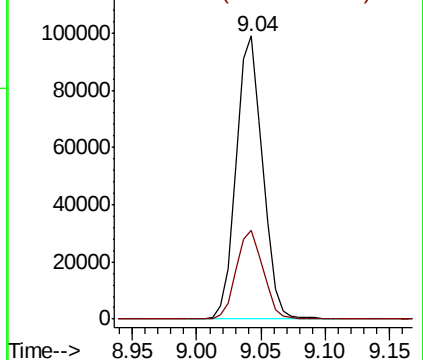
75 100

77 31.2 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 19.297 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX006590.D

Acq: 18 Dec 2018 11:38

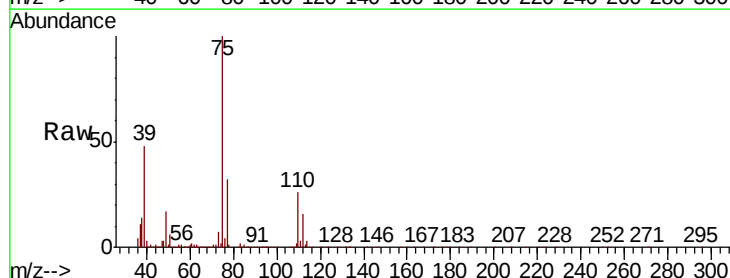
Tgt Ion: 75 Resp: 160173

Ion Ratio Lower Upper

75 100

77 32.1 26.2 39.2

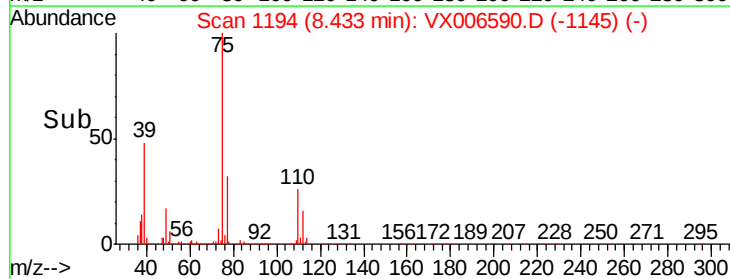
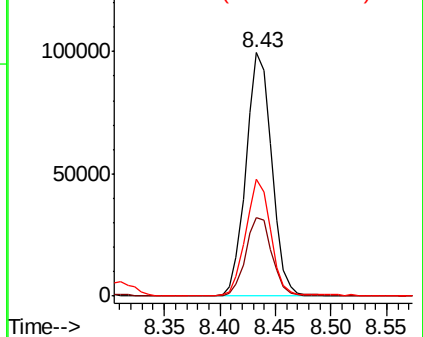
39 47.8 36.7 55.1

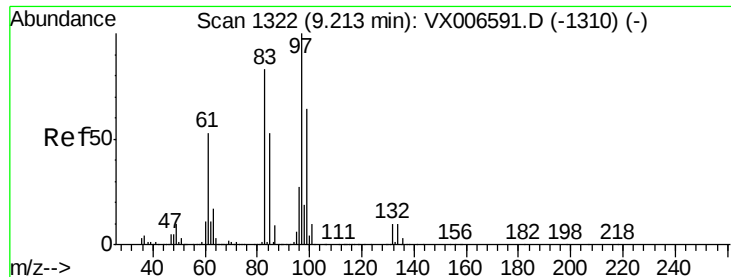


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 19.833 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX006590.D

Acq: 18 Dec 2018 11:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 97 Resp: 124478

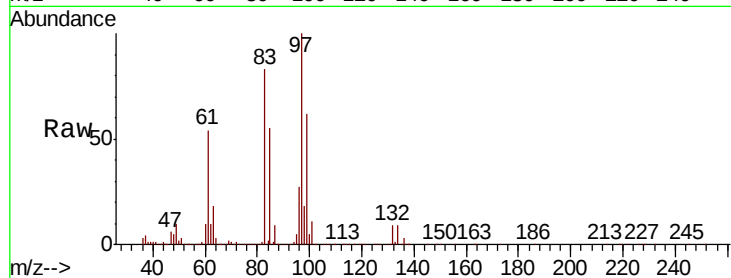
Ion Ratio Lower Upper

97 100

83 83.6 66.6 99.8

85 55.2 42.7 64.1

99 62.0 50.8 76.2

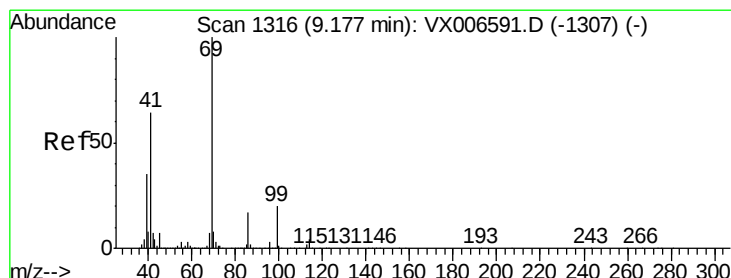
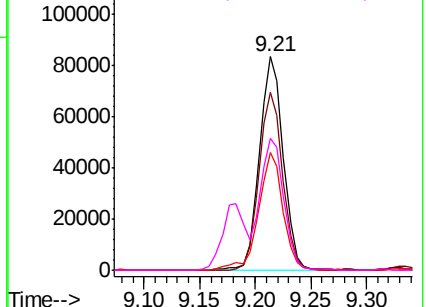
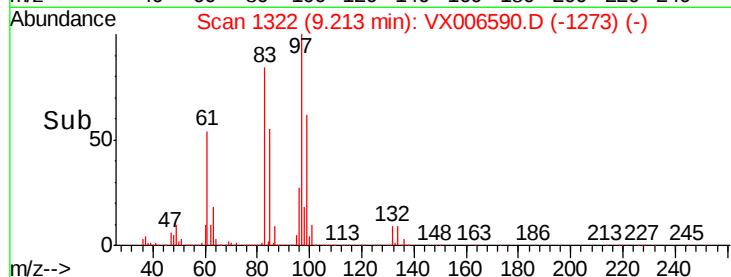


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 19.816 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX006590.D

Acq: 18 Dec 2018 11:38

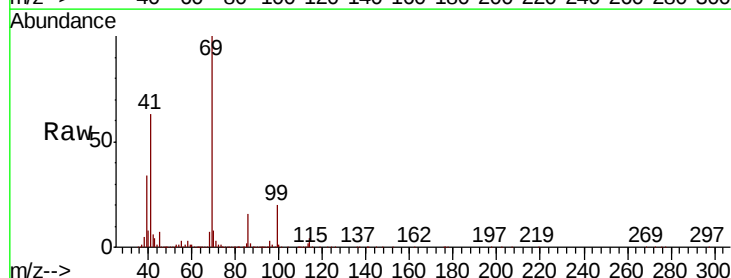
Tgt Ion: 69 Resp: 175788

Ion Ratio Lower Upper

69 100

41 61.8 48.7 73.1

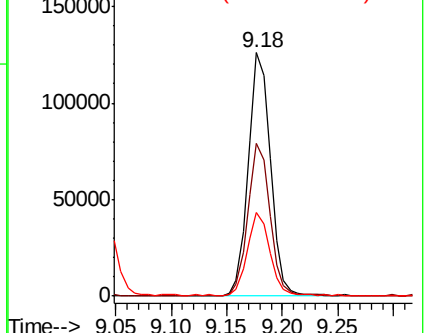
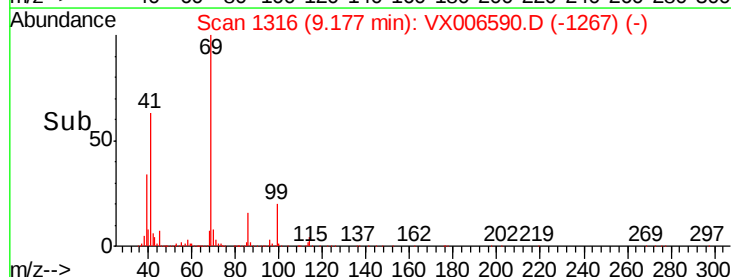
39 34.7 27.0 40.6

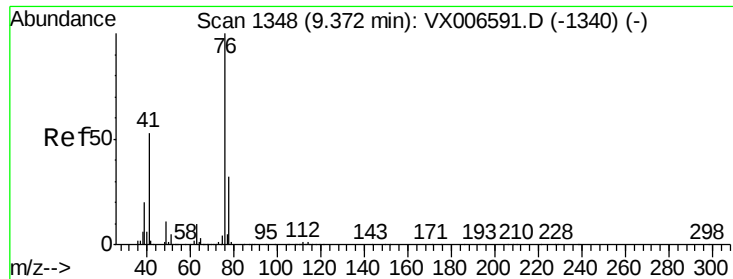


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 19.990 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX006590.D

Acq: 18 Dec 2018 11:38

Instrument :

MSVOA_X

ClientSampleId :

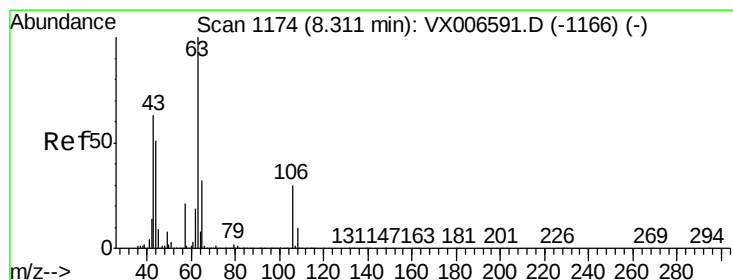
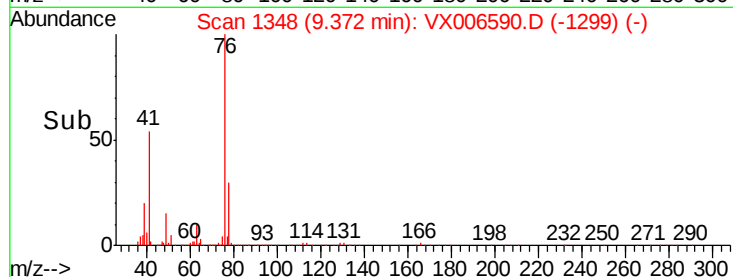
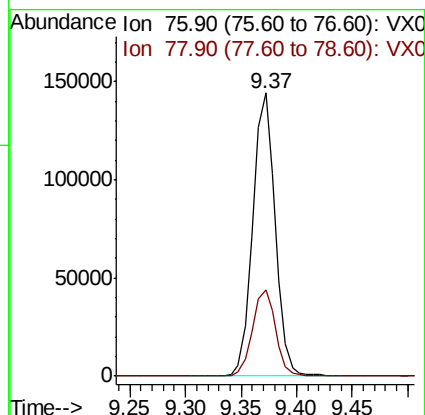
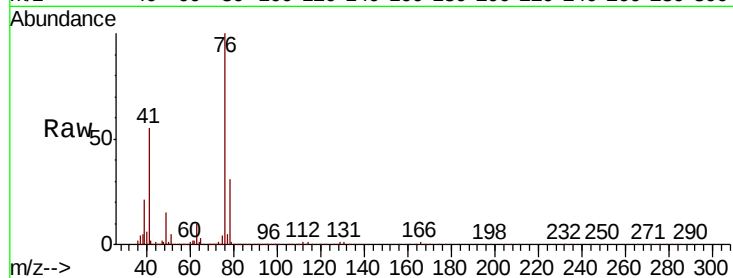
VSTDIC020

Tgt Ion: 76 Resp: 201863

Ion Ratio Lower Upper

76 100

78 31.6 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 101.454 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX006590.D

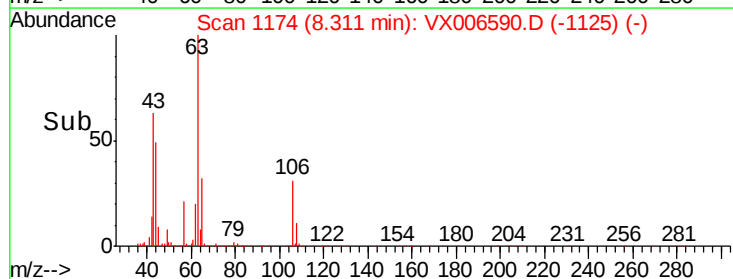
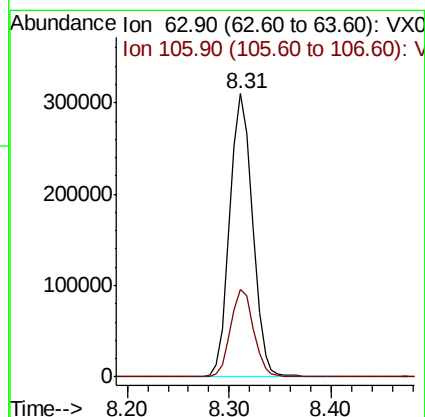
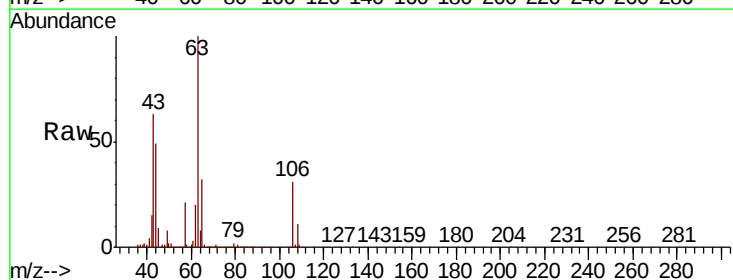
Acq: 18 Dec 2018 11:38

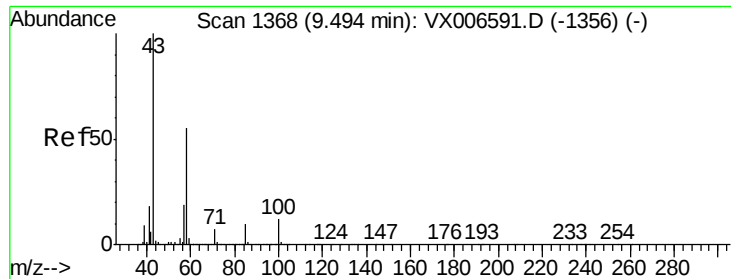
Tgt Ion: 63 Resp: 478408

Ion Ratio Lower Upper

63 100

106 31.3 24.6 36.8

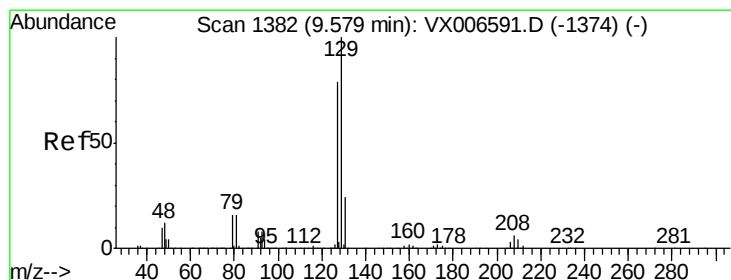
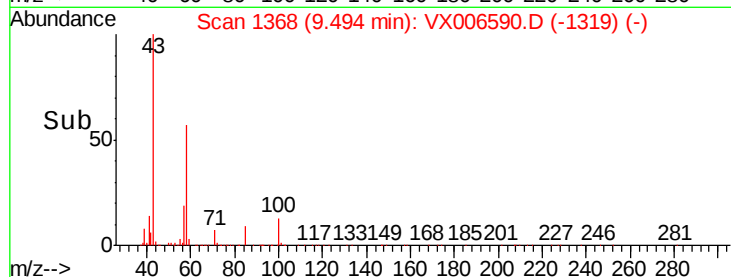
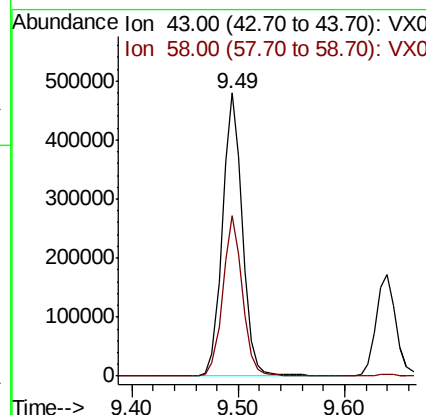
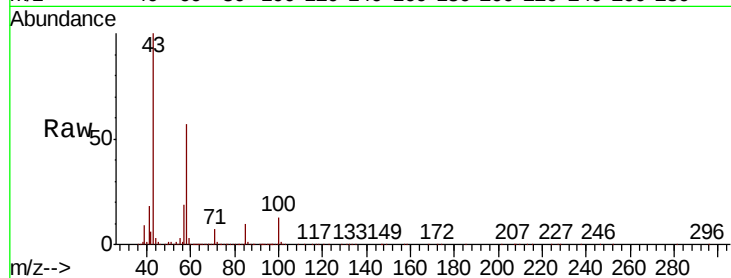




#59
2-Hexanone
Concen: 103.628 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

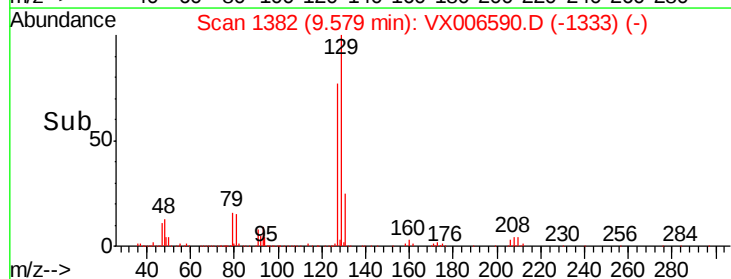
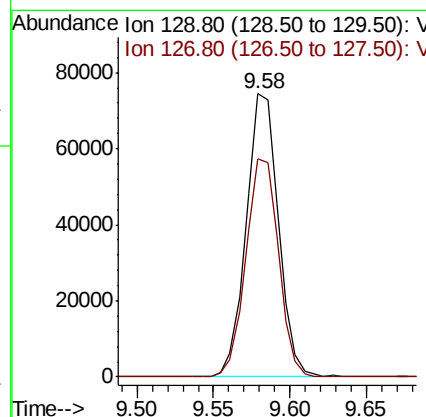
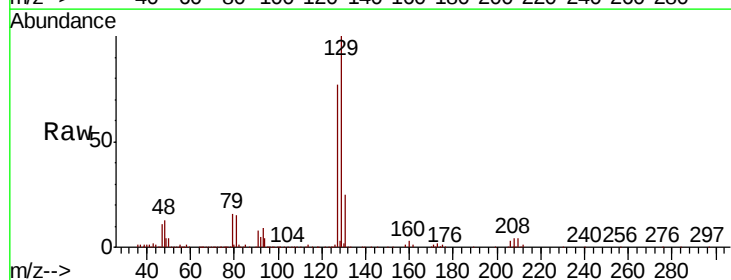
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

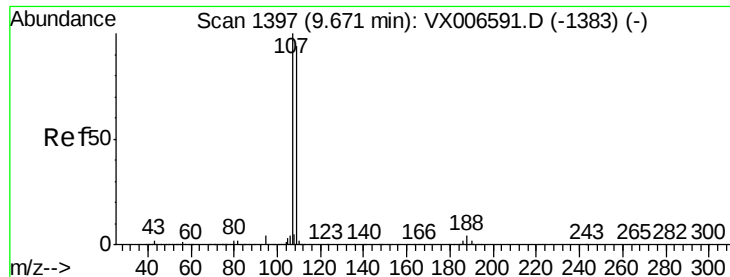
Tgt Ion: 43 Resp: 623841
Ion Ratio Lower Upper
43 100
58 55.9 27.7 83.1



#60
Dibromochloromethane
Concen: 18.880 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

Tgt Ion: 129 Resp: 109147
Ion Ratio Lower Upper
129 100
127 78.1 39.3 117.8

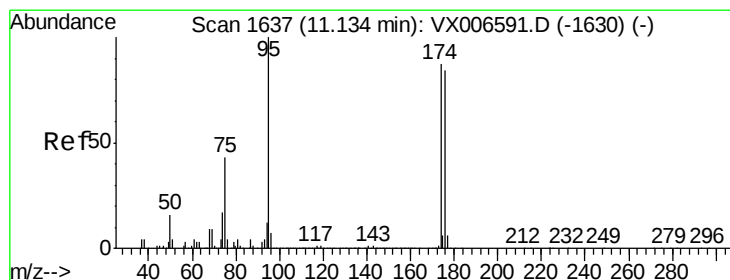
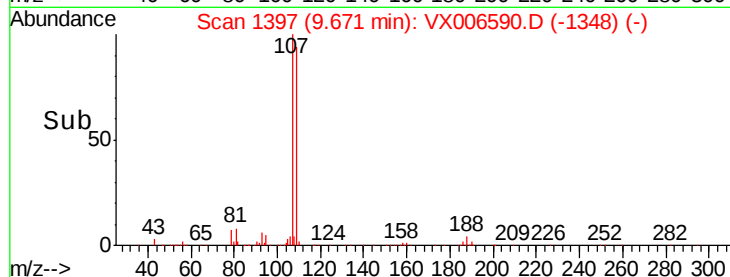
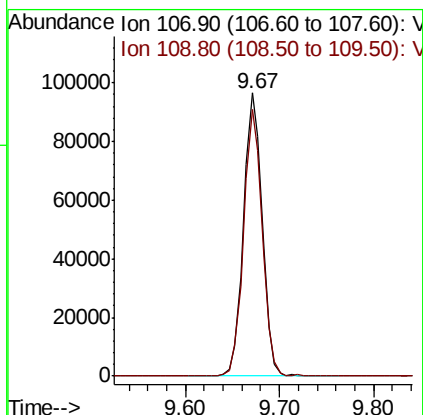
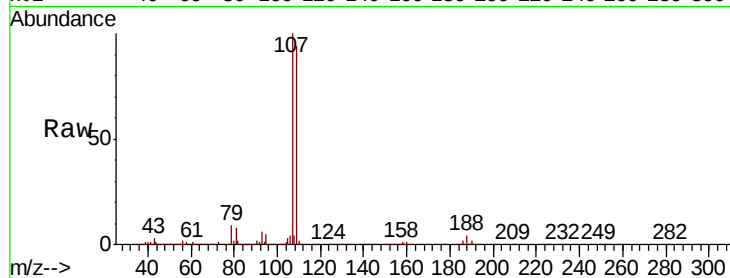




#61
 1,2-Dibromoethane
 Concen: 20.029 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX006590.D
 Acq: 18 Dec 2018 11:38

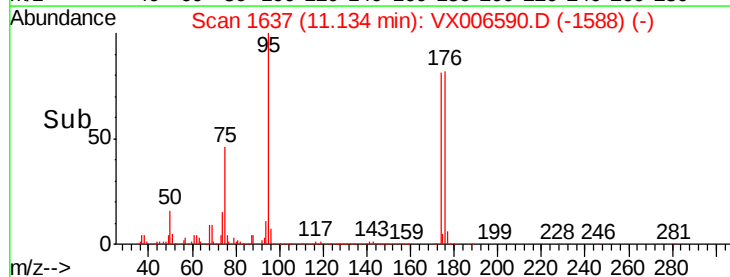
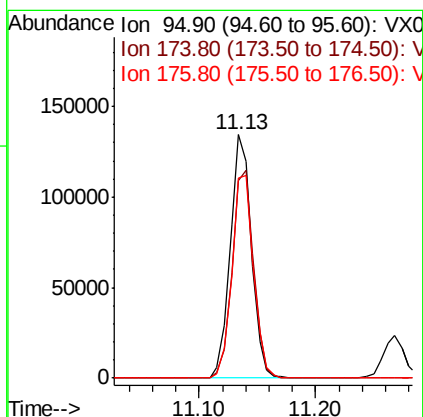
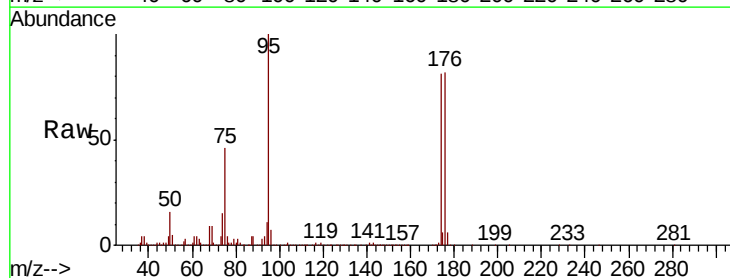
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

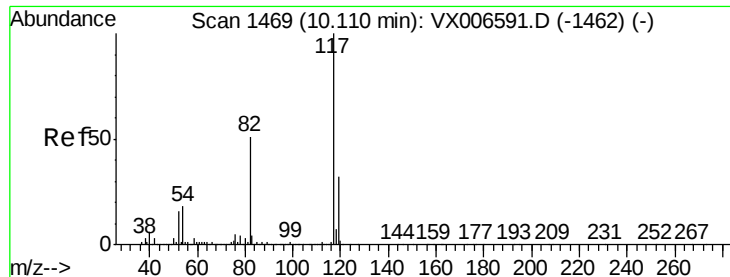
Tgt Ion: 107 Resp: 133637
 Ion Ratio Lower Upper
 107 100
 109 94.2 75.8 113.6



#62
 4-Bromofluorobenzene
 Concen: 20.701 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: VX006590.D
 Acq: 18 Dec 2018 11:38

Tgt Ion: 95 Resp: 170408
 Ion Ratio Lower Upper
 95 100
 174 86.7 0.0 182.2
 176 85.4 0.0 178.8

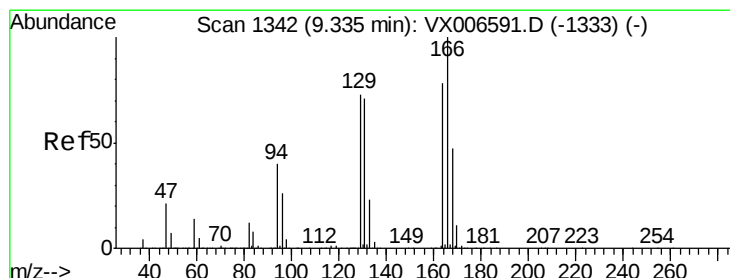
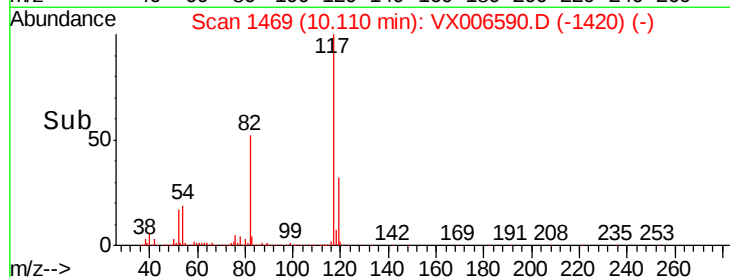
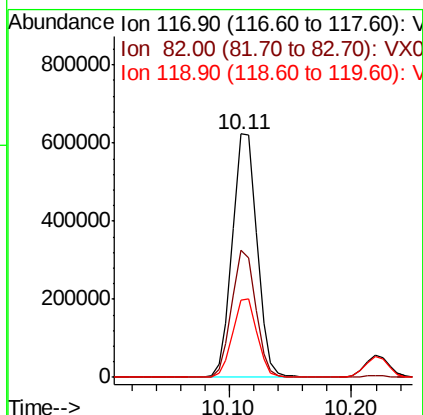
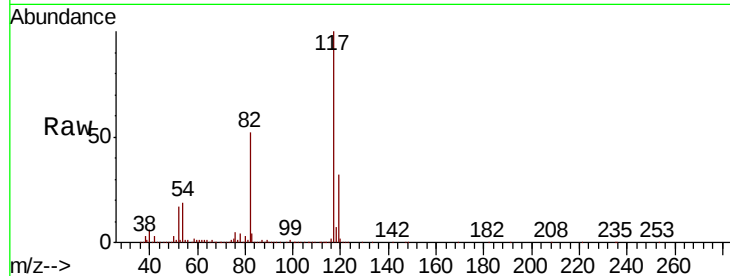




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

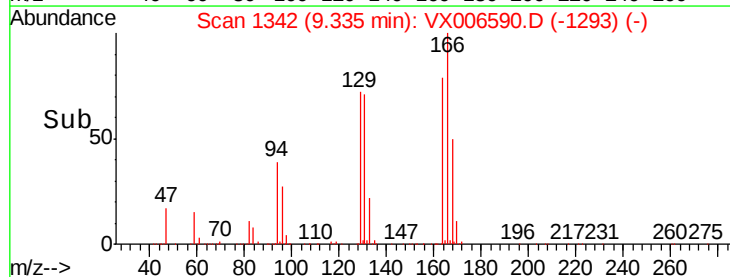
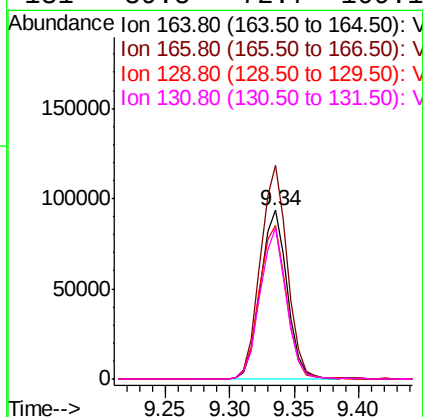
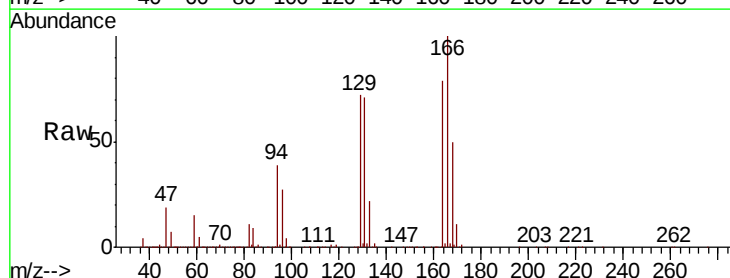
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

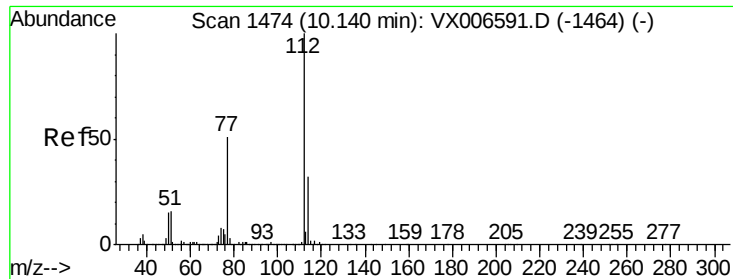
Tgt Ion:117 Resp: 867380
Ion Ratio Lower Upper
117 100
82 52.0 41.0 61.6
119 31.6 25.4 38.0



#64
Tetrachloroethene
Concen: 19.409 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

Tgt Ion:164 Resp: 133309
Ion Ratio Lower Upper
164 100
166 126.8 102.5 153.7
129 91.2 75.1 112.7
131 89.5 72.7 109.1

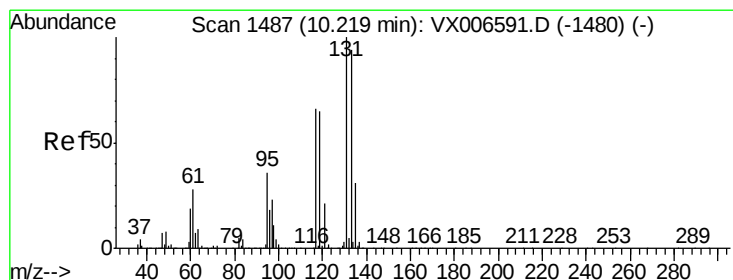
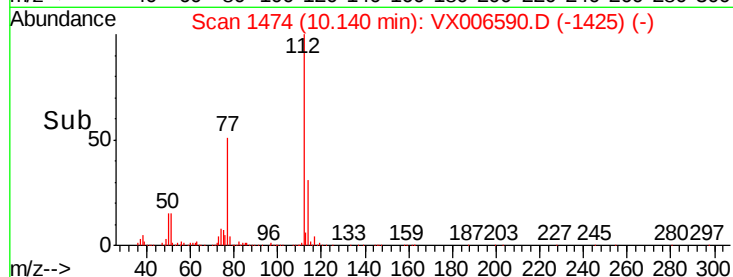
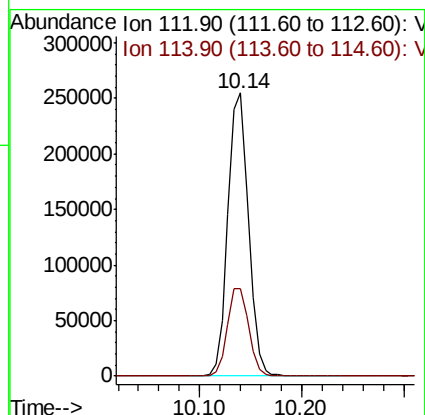
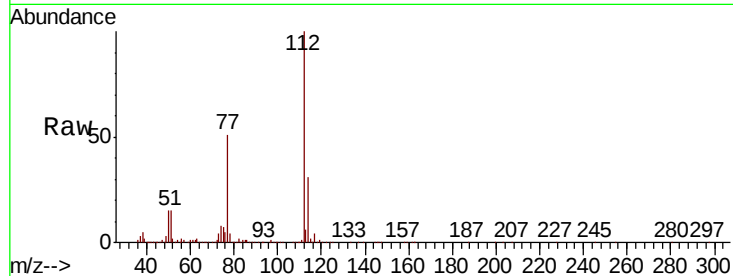




#65
Chlorobenzene
Concen: 19.452 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

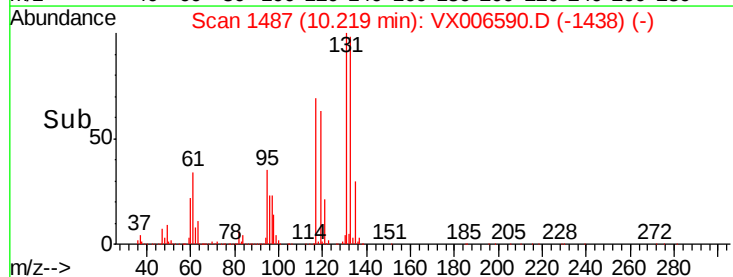
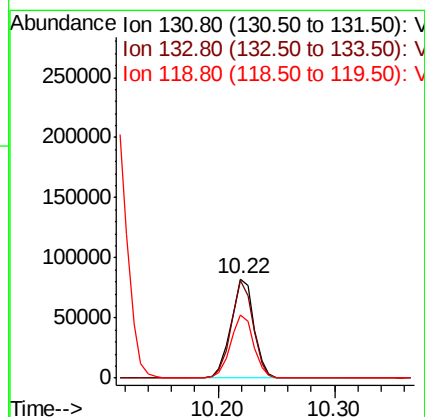
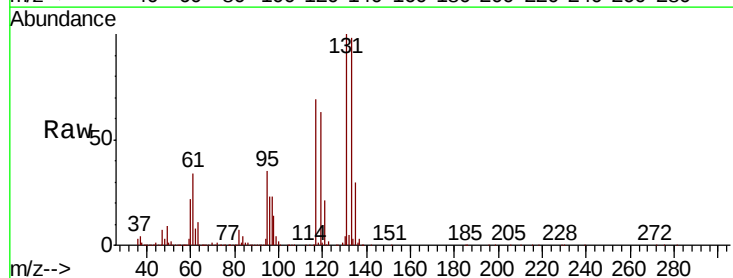
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

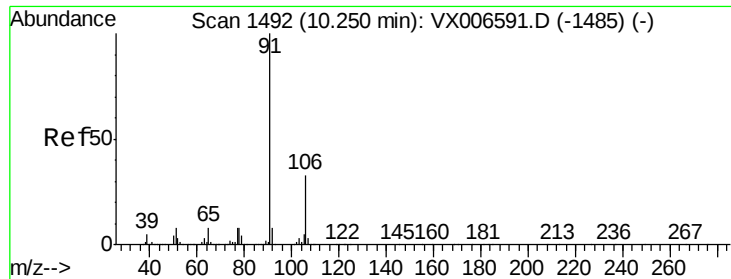
Tgt Ion:112 Resp: 356946
Ion Ratio Lower Upper
112 100
114 31.0 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 19.865 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

Tgt Ion:131 Resp: 113733
Ion Ratio Lower Upper
131 100
133 94.2 48.0 144.2
119 63.6 32.6 97.8

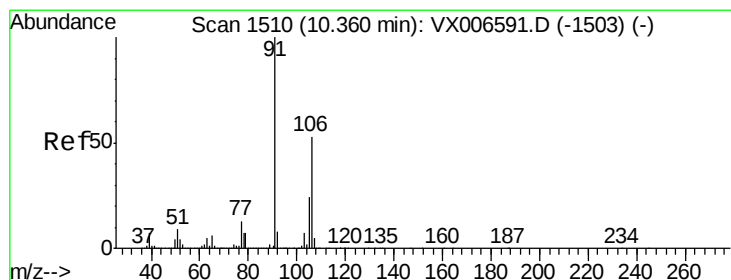
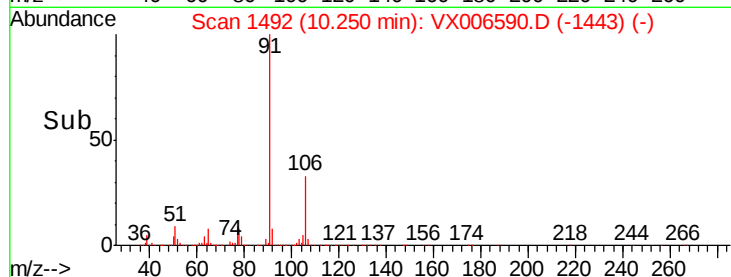
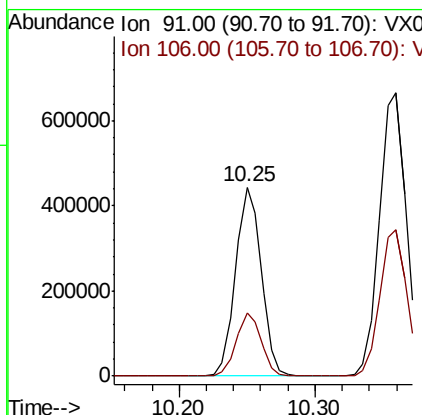
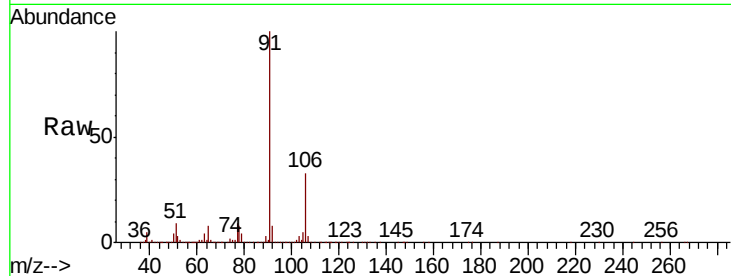




#67
Ethyl Benzene
Concen: 19.526 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

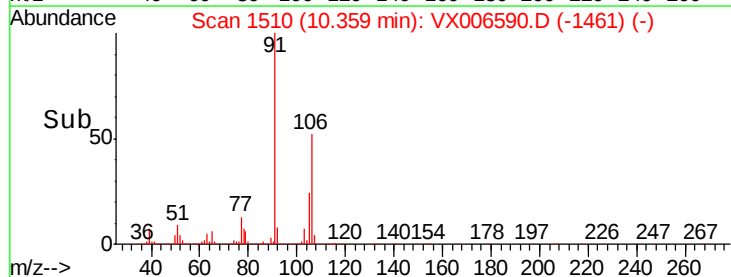
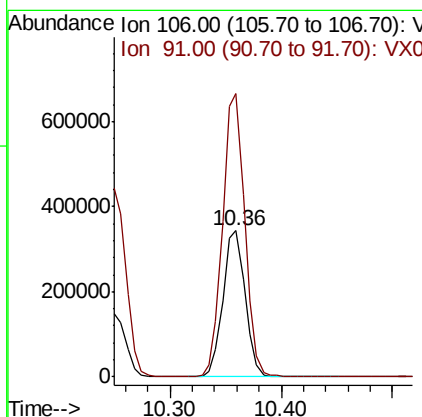
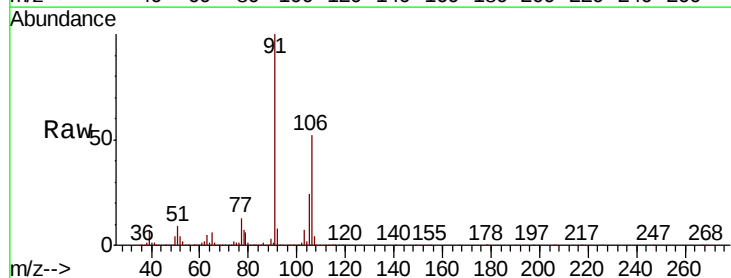
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

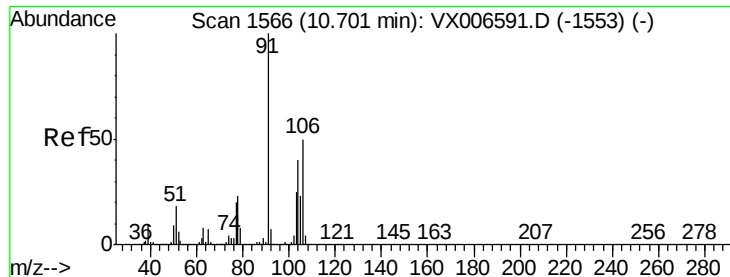
Tgt Ion: 91 Resp: 585490
Ion Ratio Lower Upper
91 100
106 33.3 26.4 39.6



#68
m/p-Xylenes
Concen: 39.914 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

Tgt Ion: 106 Resp: 472267
Ion Ratio Lower Upper
106 100
91 193.6 155.8 233.6

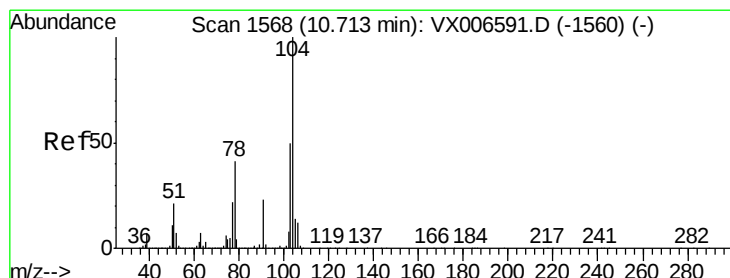
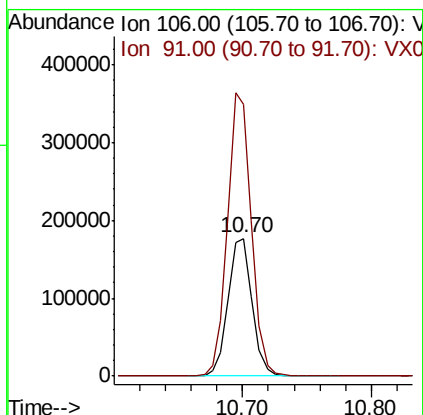
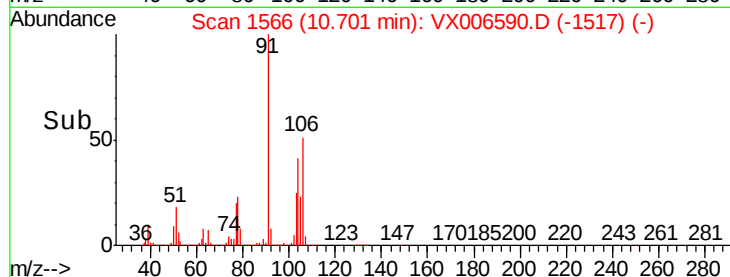
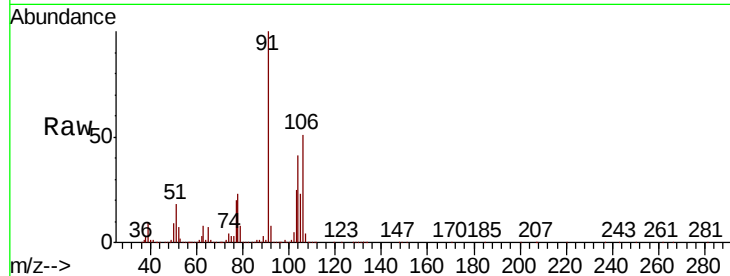




#69
o-Xylene
Concen: 19.825 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

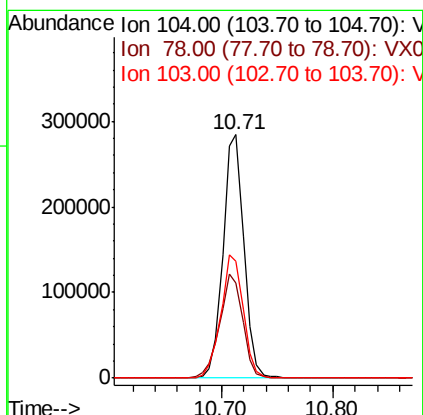
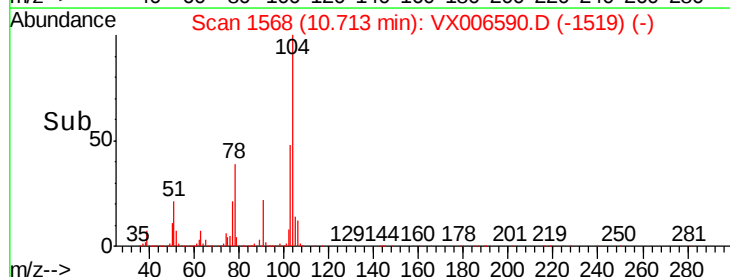
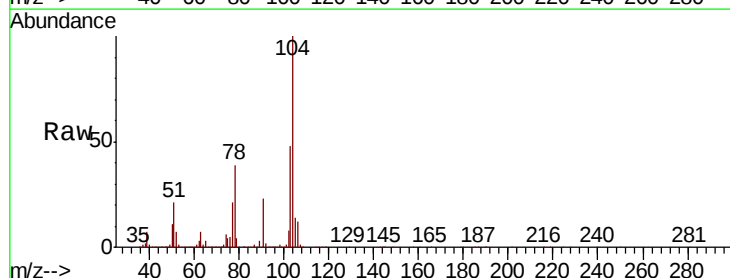
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

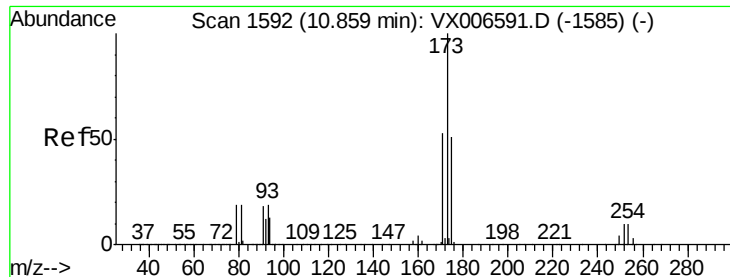
Tgt Ion:106 Resp: 231641
Ion Ratio Lower Upper
106 100
91 204.7 101.3 303.7



#70
Styrene
Concen: 20.015 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

Tgt Ion:104 Resp: 369981
Ion Ratio Lower Upper
104 100
78 46.9 37.7 56.5
103 54.3 43.8 65.8

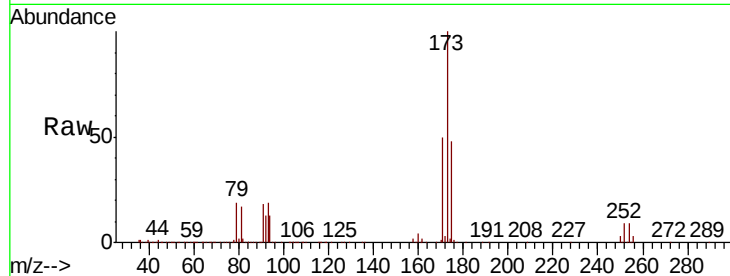




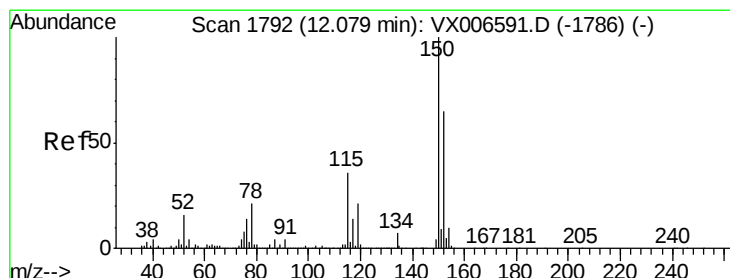
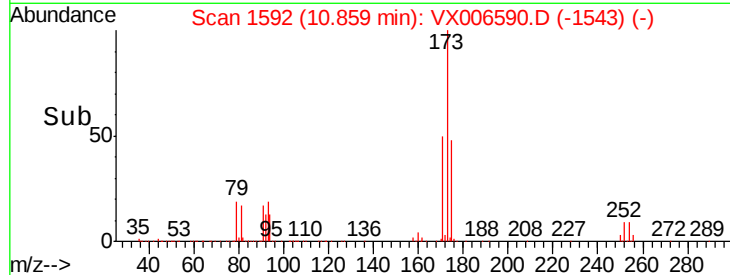
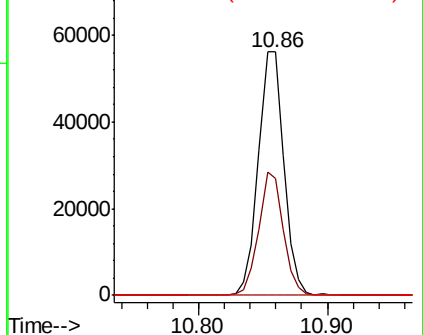
#71
Bromoform
Concen: 17.703 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

Tgt Ion:173 Resp: 77161
Ion Ratio Lower Upper
173 100
175 48.6 24.7 74.1
254 0.2 0.2 0.2

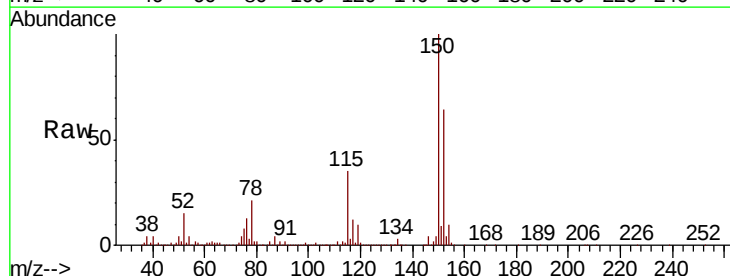


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

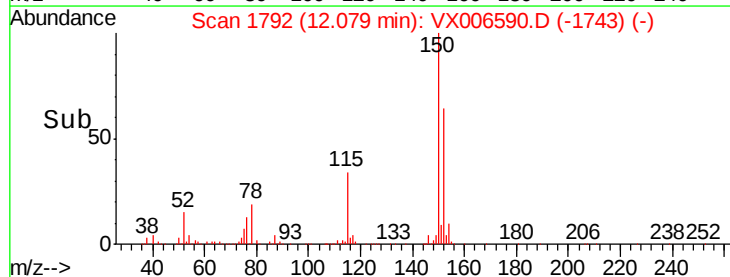
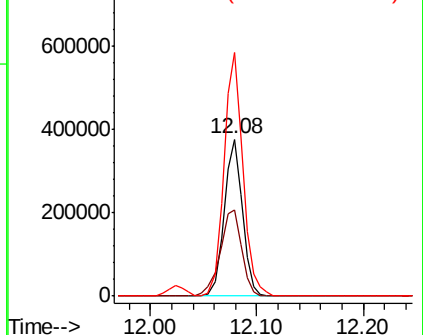


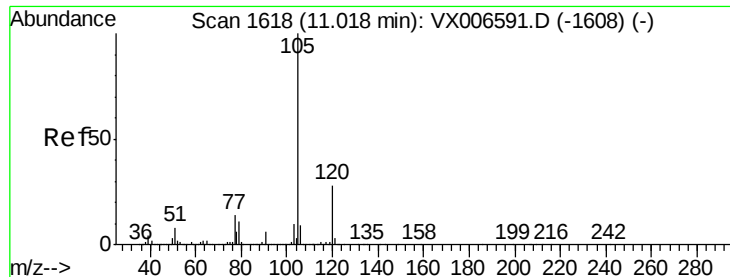
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

Tgt Ion:152 Resp: 448448
Ion Ratio Lower Upper
152 100
115 64.5 39.1 117.2
150 161.7 0.0 344.8



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: 19.930 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006590.D

Acq: 18 Dec 2018 11:38

Instrument :

MSVOA_X

ClientSampleId :

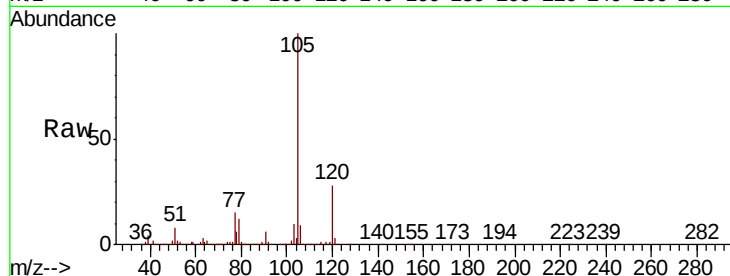
VSTDIC020

Tgt Ion:105 Resp: 611436

Ion Ratio Lower Upper

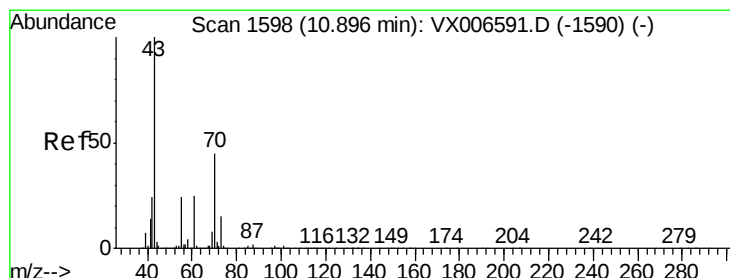
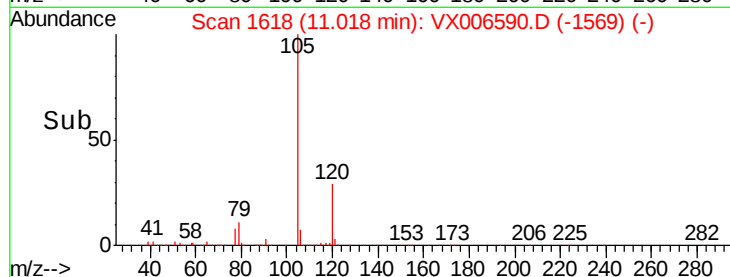
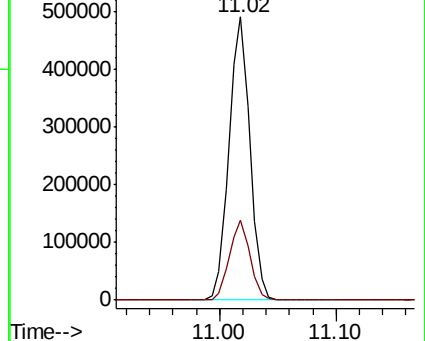
105 100

120 27.9 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.881 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX006590.D

Acq: 18 Dec 2018 11:38

Tgt Ion: 43 Resp: 218321

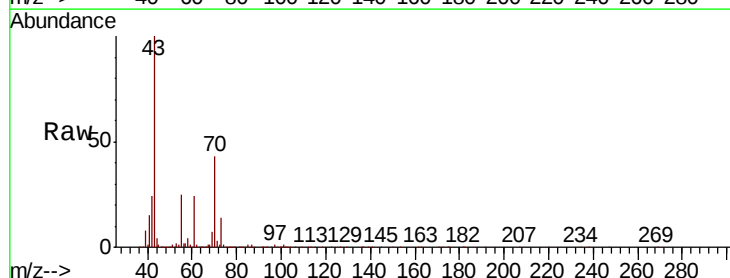
Ion Ratio Lower Upper

43 100

70 44.2 35.8 53.8

55 25.0 19.4 29.0

61 25.0 20.1 30.1

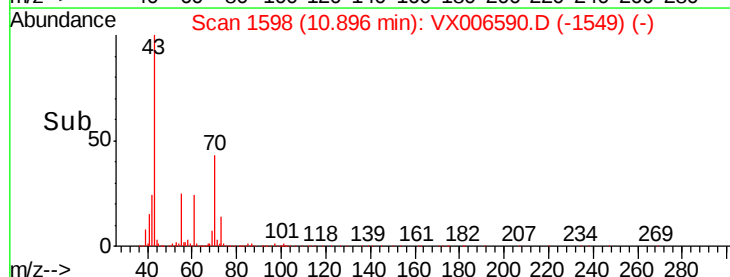
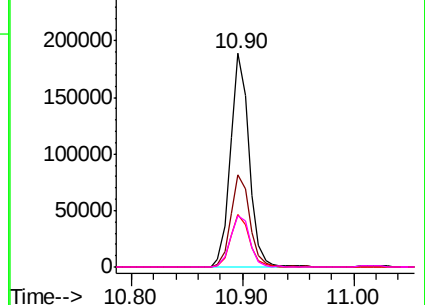


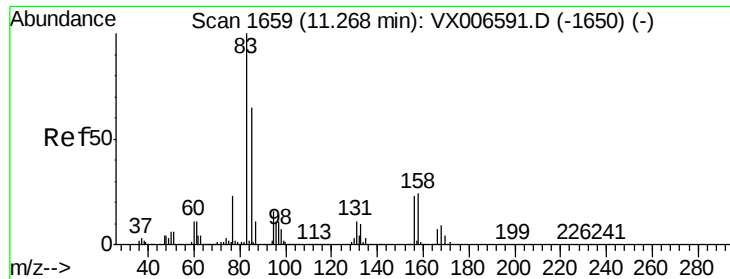
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.954 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX006590.D

Acq: 18 Dec 2018 11:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

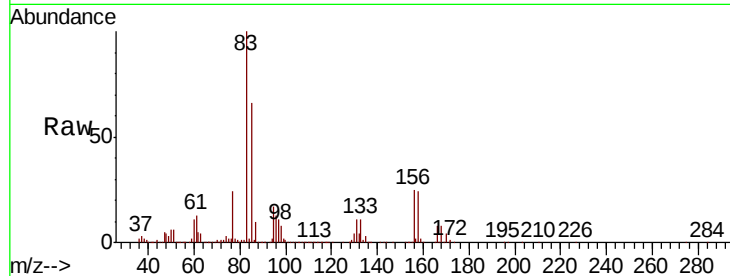
Tgt Ion: 83 Resp: 182064

Ion Ratio Lower Upper

83 100

131 11.0 5.7 17.1

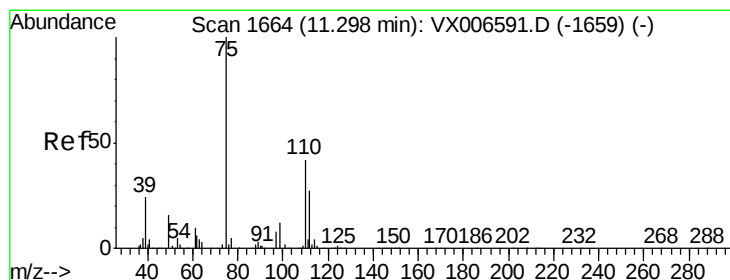
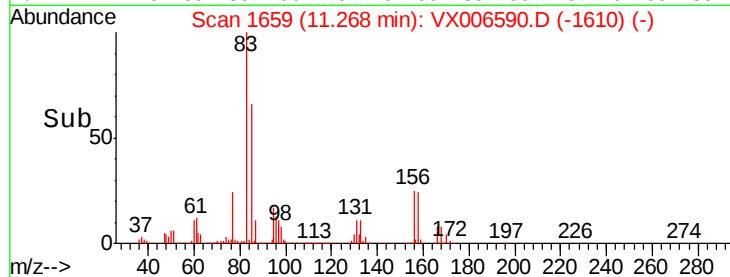
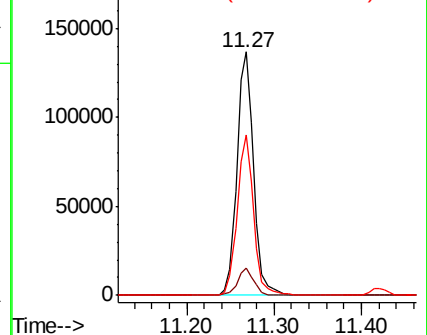
85 65.1 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 25.061 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX006590.D

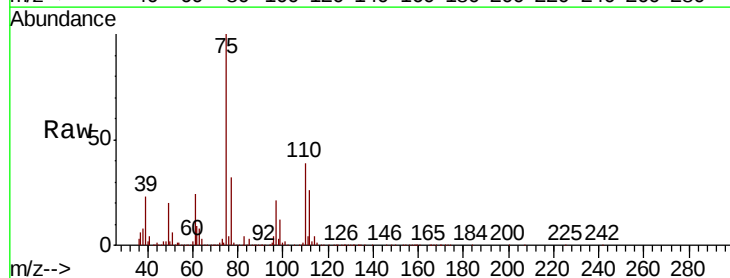
Acq: 18 Dec 2018 11:38

Tgt Ion: 75 Resp: 199085

Ion Ratio Lower Upper

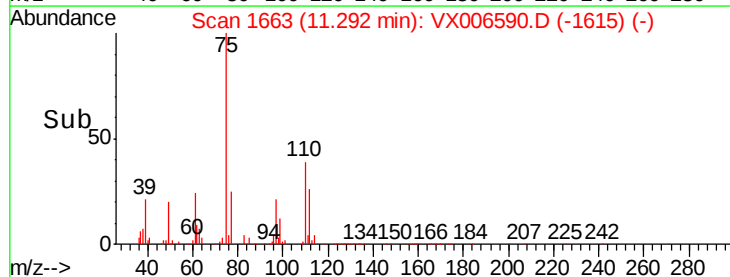
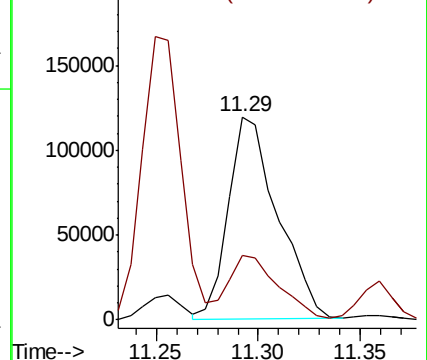
75 100

77 32.7 18.5 55.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.662 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX006590.D

Acq: 18 Dec 2018 11:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

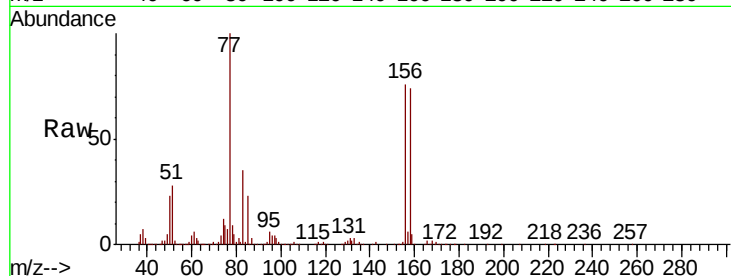
Tgt Ion:156 Resp: 163078

Ion Ratio Lower Upper

156 100

77 136.4 68.0 204.0

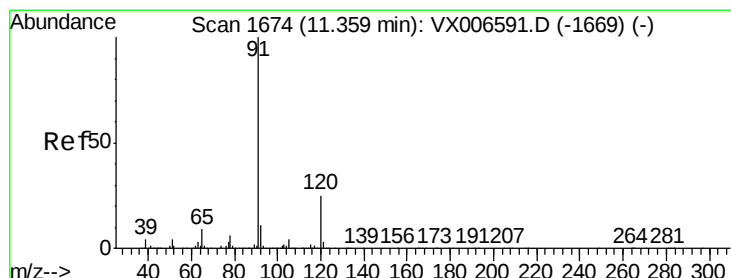
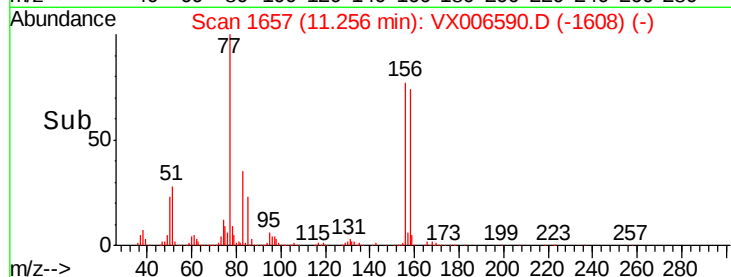
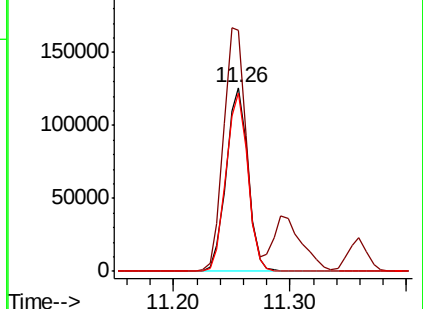
158 97.3 48.3 144.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.736 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006590.D

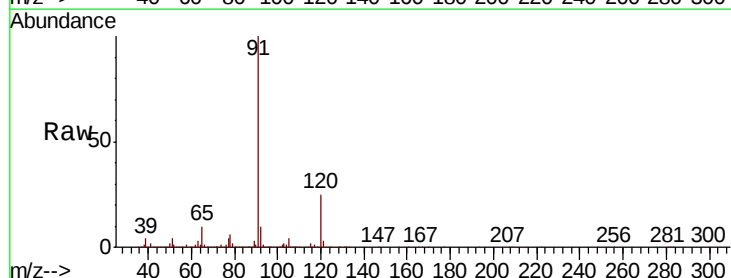
Acq: 18 Dec 2018 11:38

Tgt Ion: 91 Resp: 666770

Ion Ratio Lower Upper

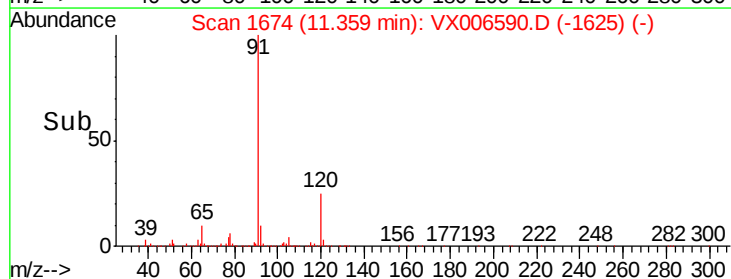
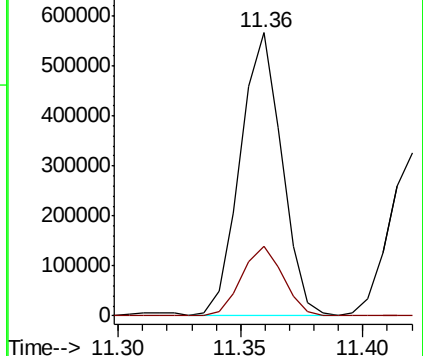
91 100

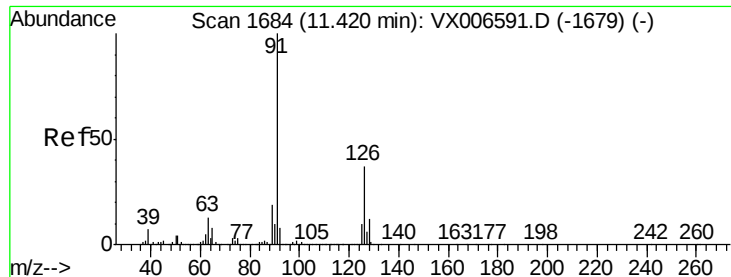
120 24.8 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

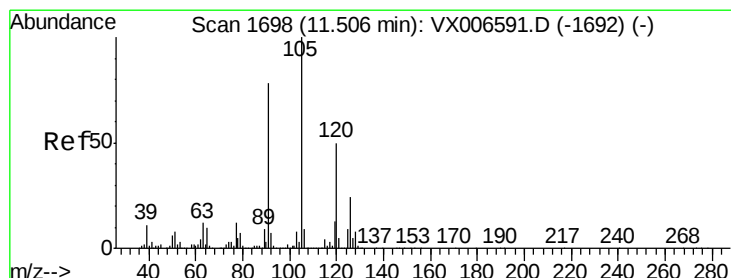
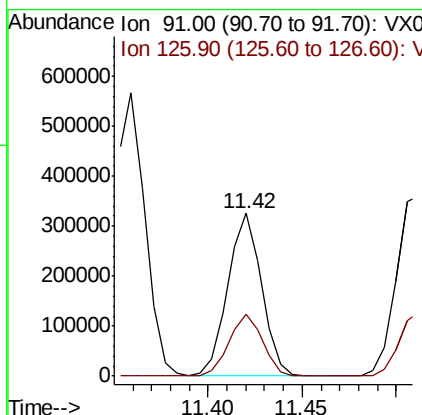
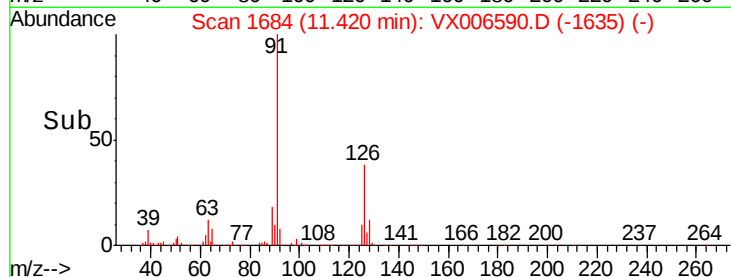
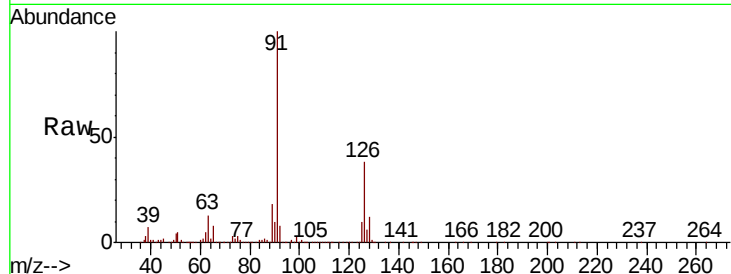




#79
 2-Chlorotoluene
 Concen: 19.690 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX006590.D
 Acq: 18 Dec 2018 11:38

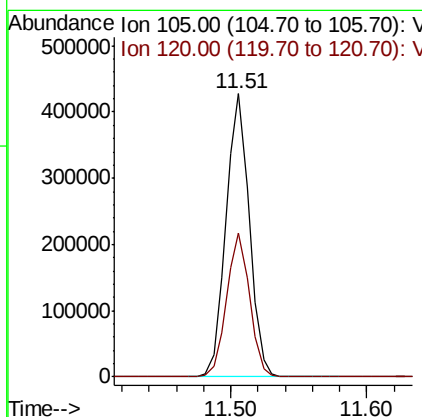
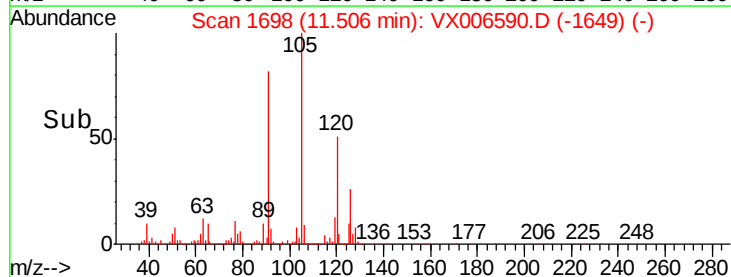
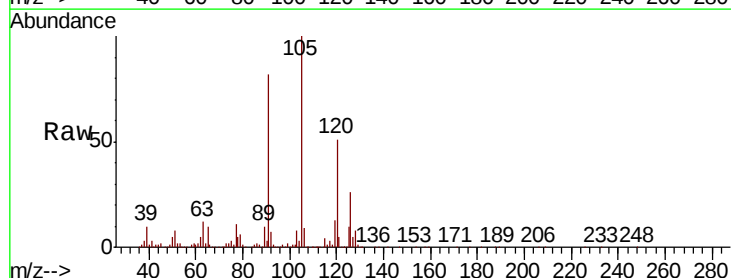
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

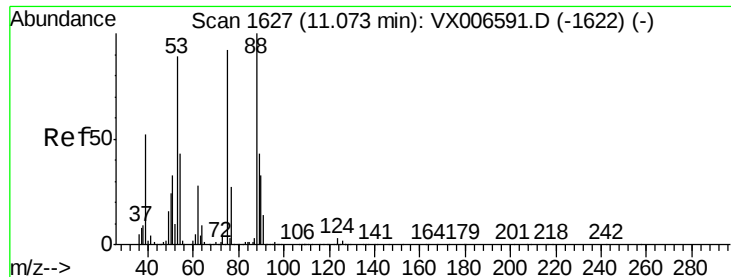
Tgt Ion: 91 Resp: 403115
 Ion Ratio Lower Upper
 91 100
 126 38.1 18.6 56.0



#80
 1,3,5-Trimethylbenzene
 Concen: 20.064 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX006590.D
 Acq: 18 Dec 2018 11:38

Tgt Ion: 105 Resp: 506993
 Ion Ratio Lower Upper
 105 100
 120 50.2 25.1 75.3





#81

trans-1,4-Dichloro-2-butene

Concen: 17.328 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX006590.D

Acq: 18 Dec 2018 11:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

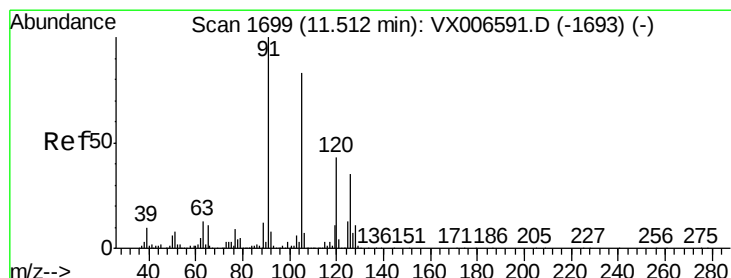
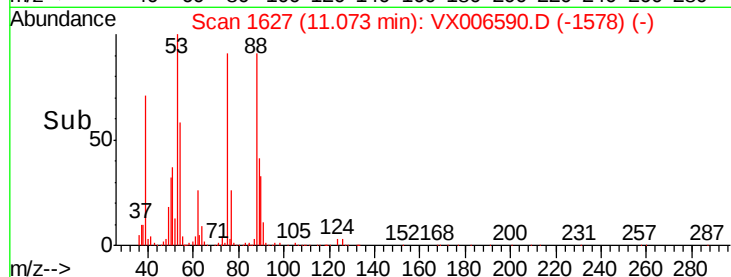
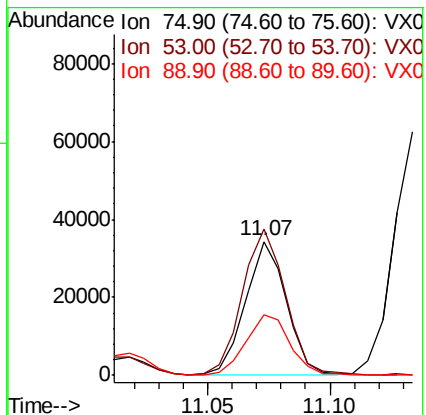
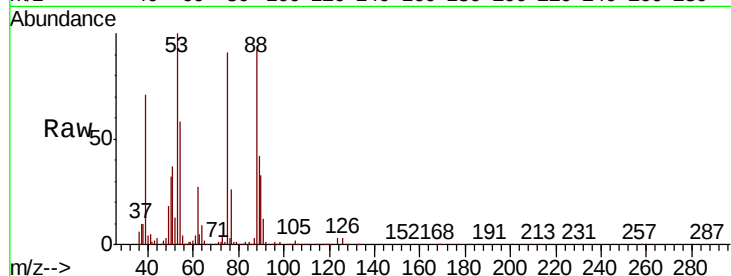
Tgt Ion: 75 Resp: 40318

Ion Ratio Lower Upper

75 100

53 113.6 79.7 119.5

89 47.5 38.0 57.0



#82

4-Chlorotoluene

Concen: 19.706 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX006590.D

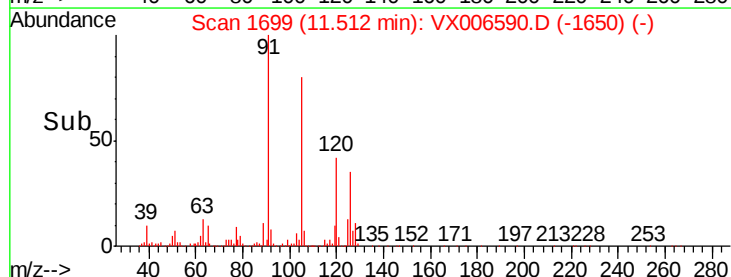
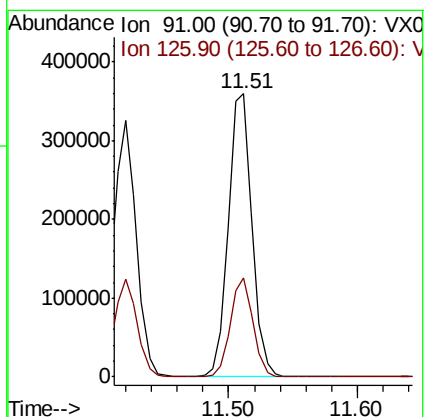
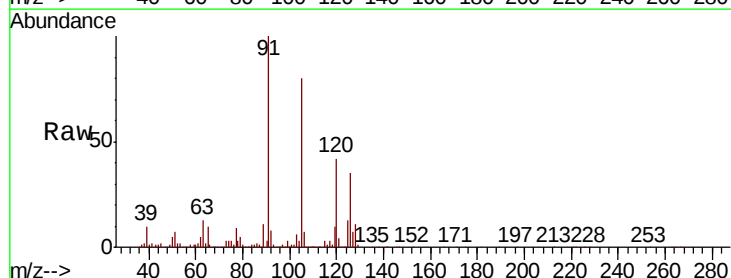
Acq: 18 Dec 2018 11:38

Tgt Ion: 91 Resp: 462795

Ion Ratio Lower Upper

91 100

126 33.3 16.3 48.9

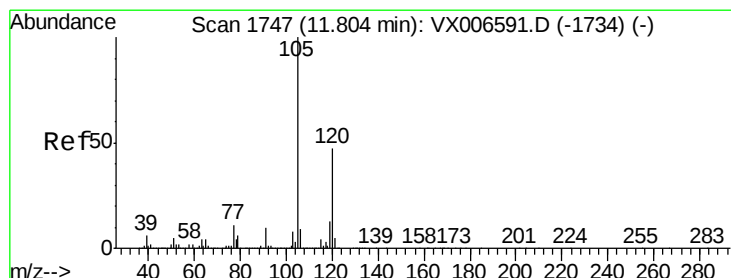
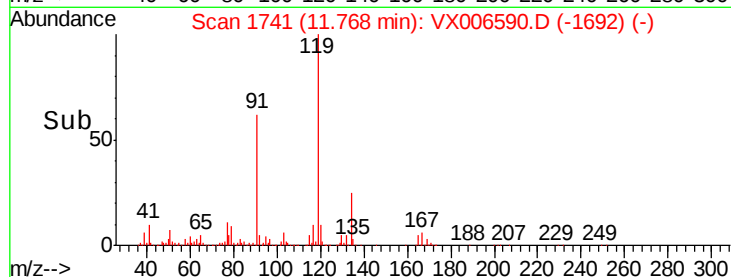
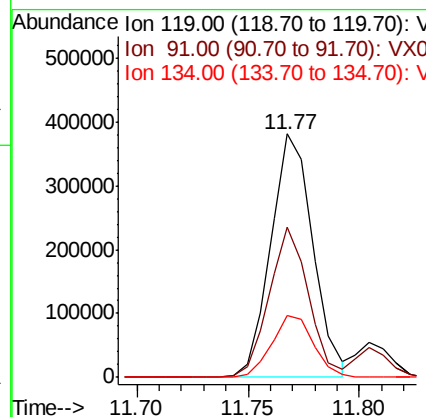
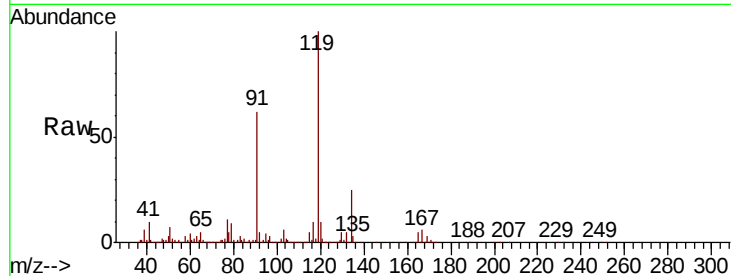




#83
 tert-Butylbenzene
 Concen: 19.766 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX006590.D
 Acq: 18 Dec 2018 11:38

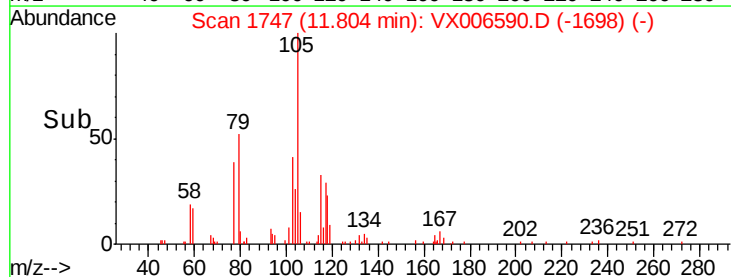
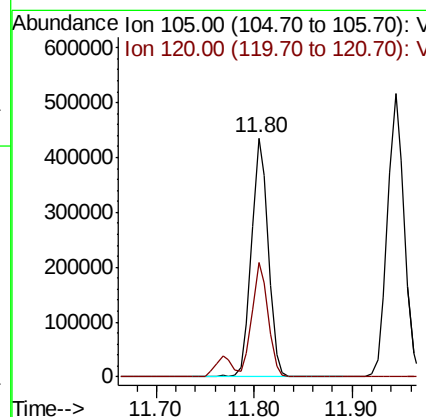
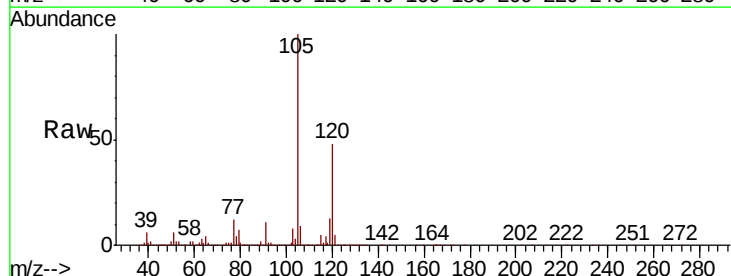
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

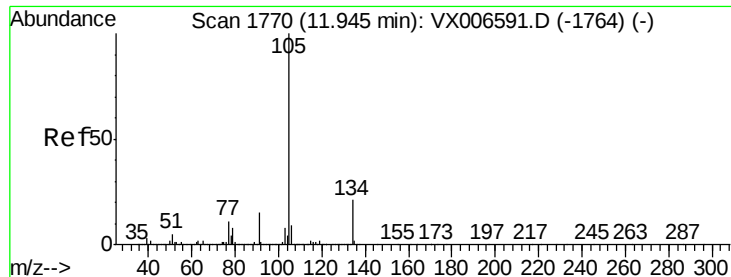
Tgt Ion	Ratio	Lower	Upper
119	100		
91	57.7	27.7	83.1
134	25.3	11.9	35.5



#84
 1,2,4-Trimethylbenzene
 Concen: 19.544 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX006590.D
 Acq: 18 Dec 2018 11:38

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.8	23.2	69.6





#85

sec-Butylbenzene

Concen: 19.823 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX006590.D

Acq: 18 Dec 2018 11:38

Instrument :

MSVOA_X

ClientSampleId :

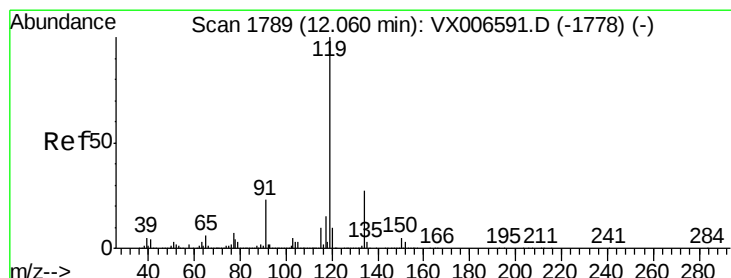
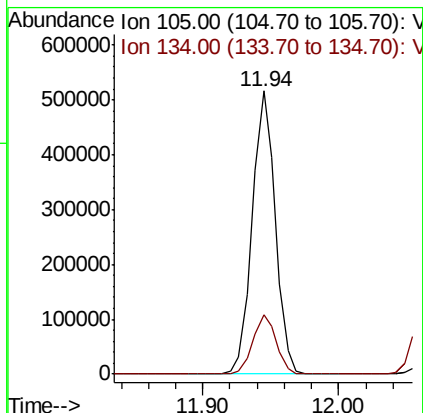
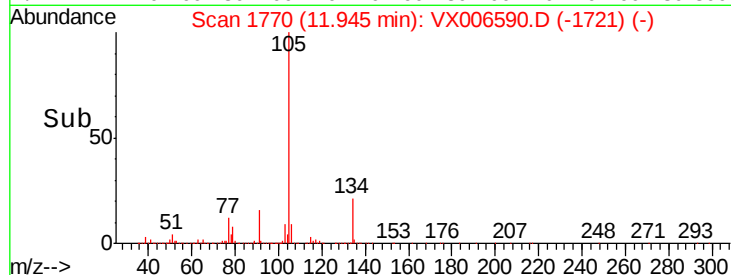
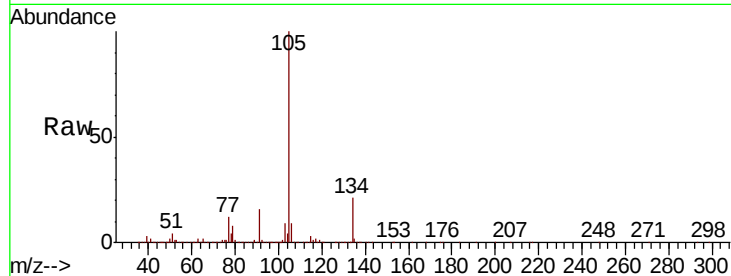
VSTDIC020

Tgt Ion:105 Resp: 614659

Ion Ratio Lower Upper

105 100

134 21.4 10.7 31.9



#86

p-Isopropyltoluene

Concen: 20.037 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX006590.D

Acq: 18 Dec 2018 11:38

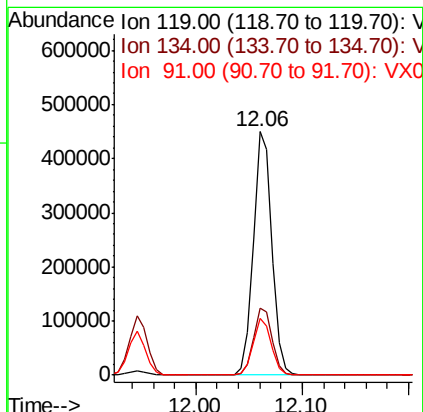
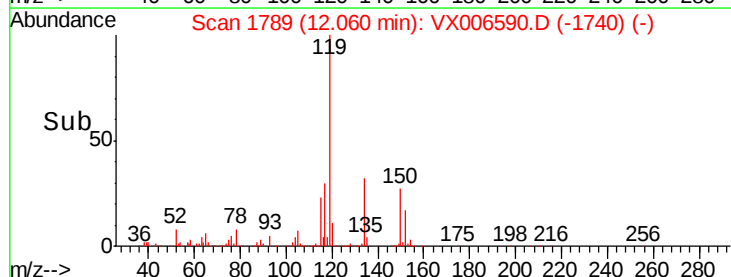
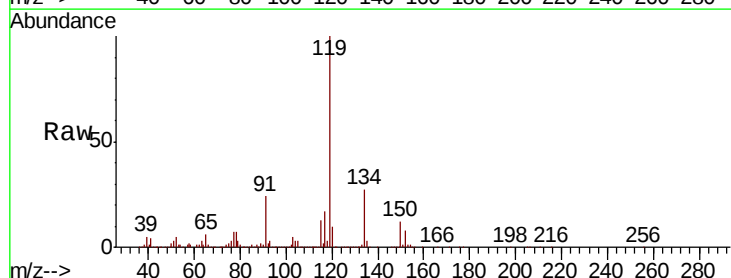
Tgt Ion:119 Resp: 546155

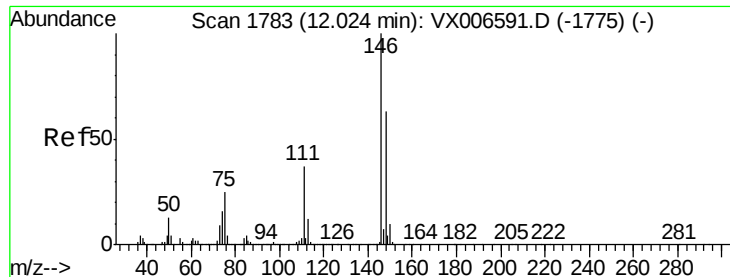
Ion Ratio Lower Upper

119 100

134 27.8 14.0 41.9

91 22.9 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 19.648 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX006590.D

Acq: 18 Dec 2018 11:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

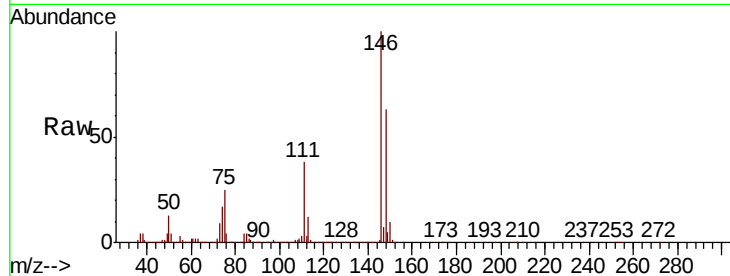
Tgt Ion:146 Resp: 293704

Ion Ratio Lower Upper

146 100

111 37.8 18.6 55.8

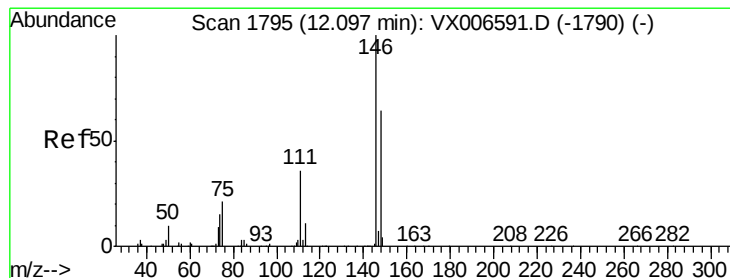
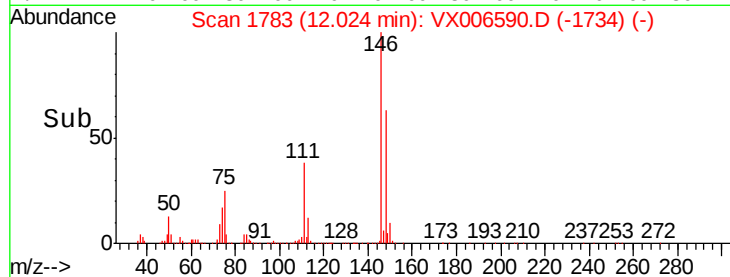
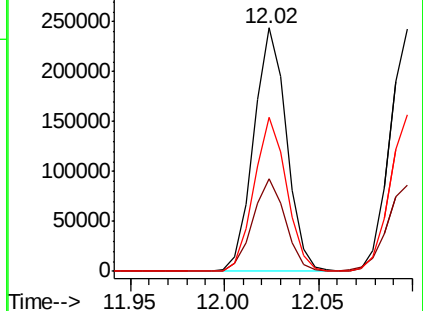
148 62.8 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 19.206 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX006590.D

Acq: 18 Dec 2018 11:38

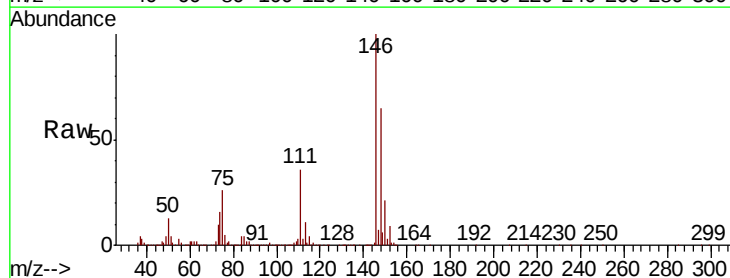
Tgt Ion:146 Resp: 294660

Ion Ratio Lower Upper

146 100

111 38.2 18.1 54.1

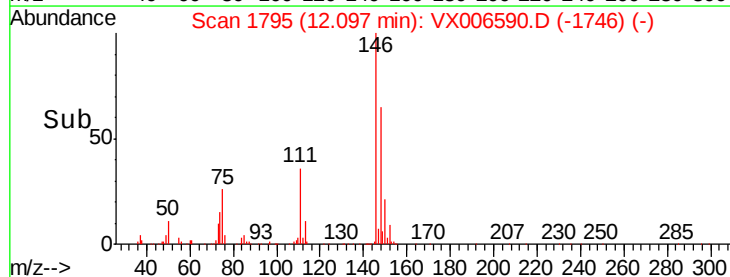
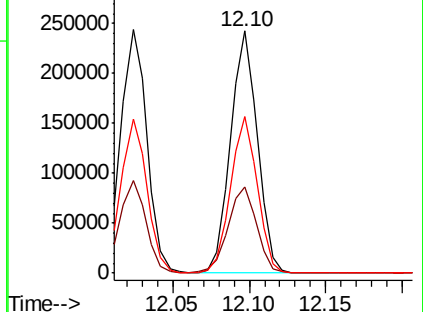
148 64.5 31.9 95.9

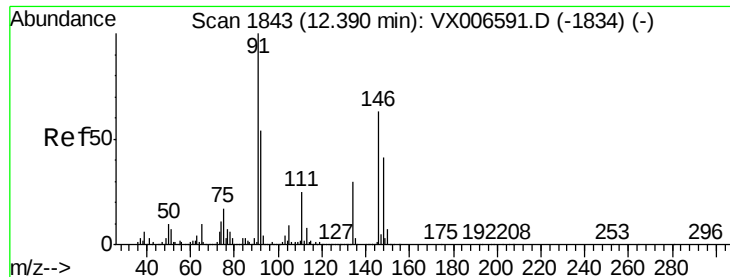


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

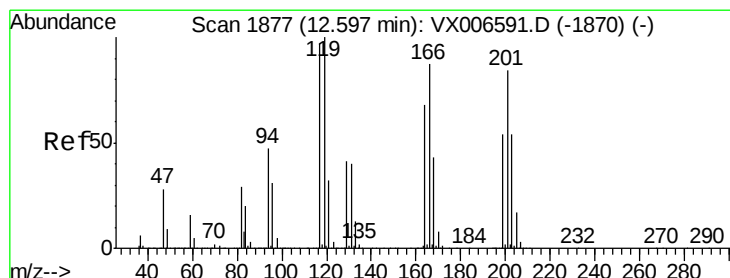
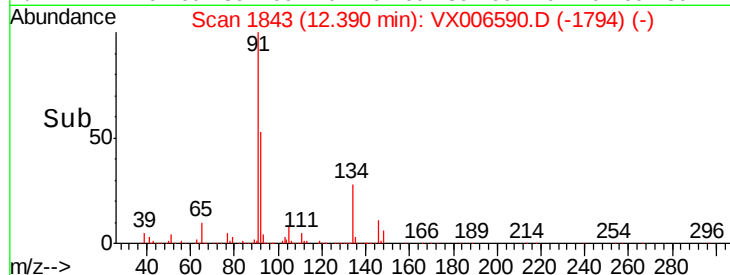
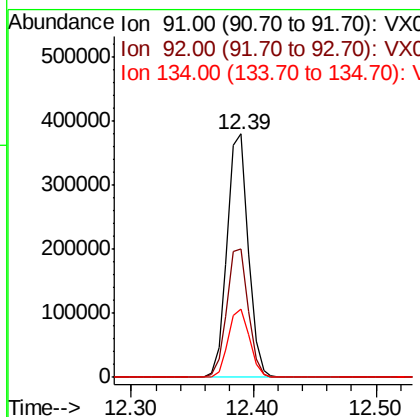
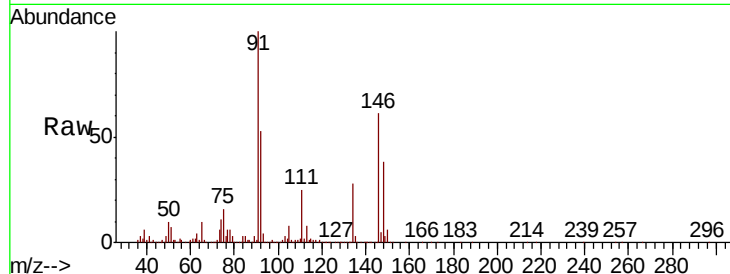




#89
n-Butylbenzene
Concen: 19.518 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

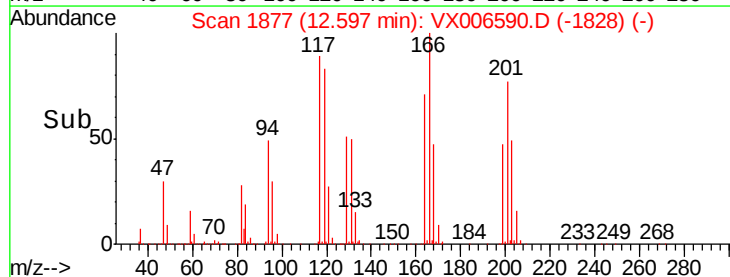
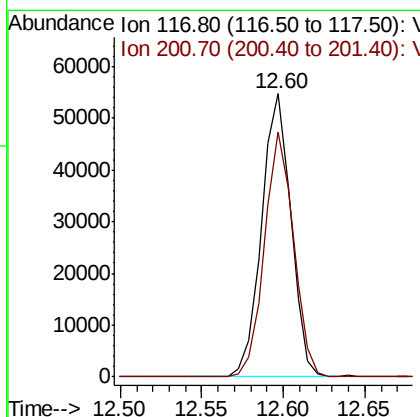
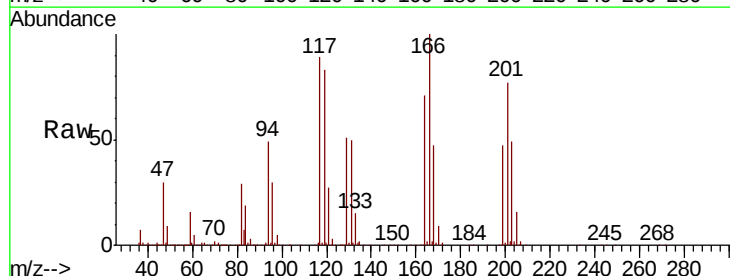
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

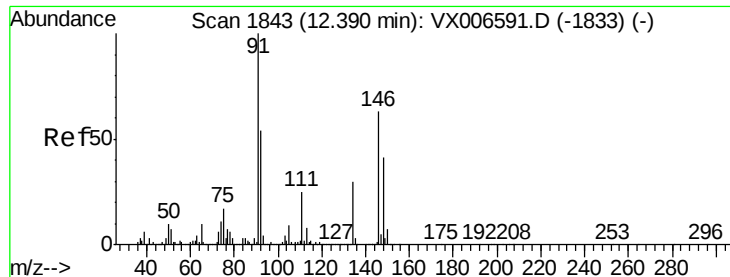
Tgt Ion: 91 Resp: 452760
Ion Ratio Lower Upper
91 100
92 53.6 26.8 80.4
134 28.2 14.4 43.2



#90
Hexachloroethane
Concen: 18.457 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

Tgt Ion: 117 Resp: 68532
Ion Ratio Lower Upper
117 100
201 85.4 42.9 128.7





#91

1,2-Dichlorobenzene

Concen: 19.409 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX006590.D

Acq: 18 Dec 2018 11:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

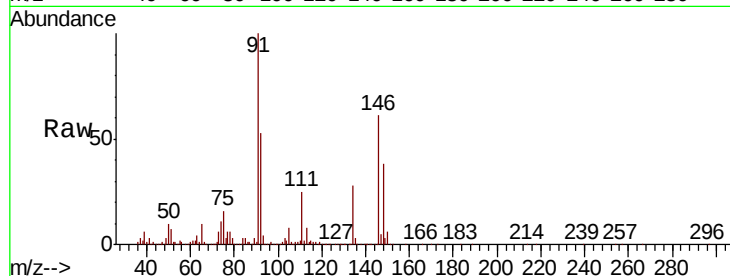
Tgt Ion:146 Resp: 290235

Ion Ratio Lower Upper

146 100

111 39.8 19.4 58.2

148 63.4 32.3 96.9

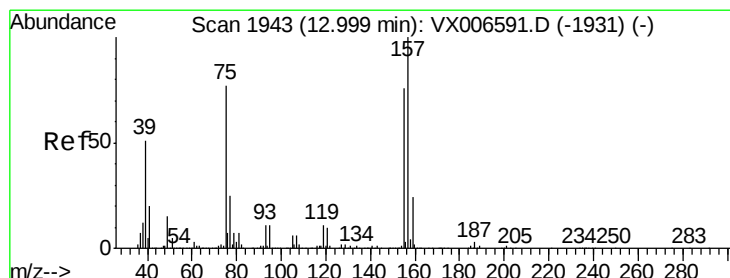
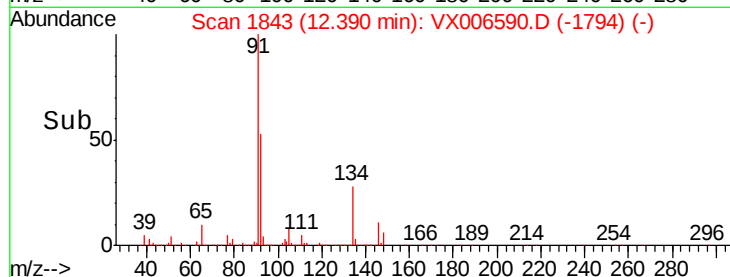
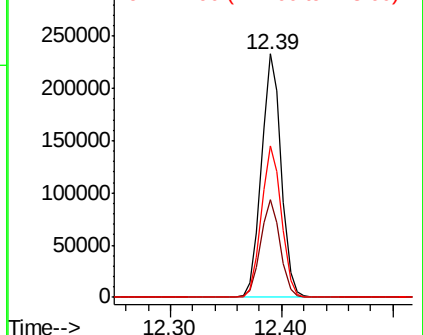


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.060 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX006590.D

Acq: 18 Dec 2018 11:38

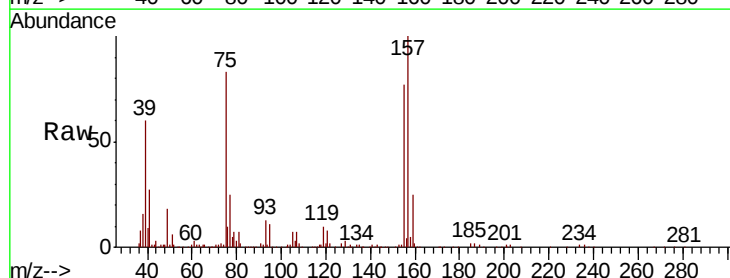
Tgt Ion: 75 Resp: 34096

Ion Ratio Lower Upper

75 100

155 97.5 50.6 151.8

157 130.3 64.6 193.8

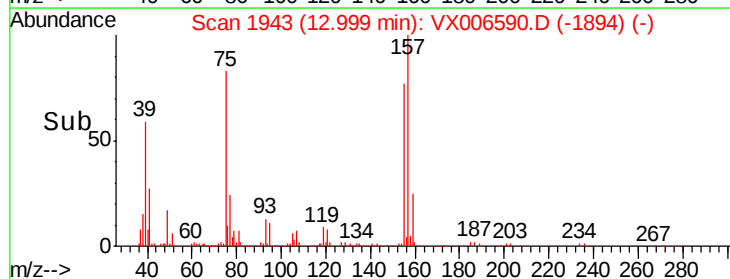
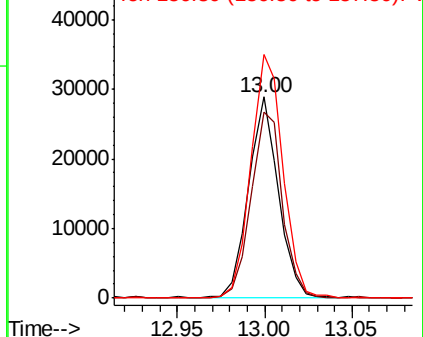


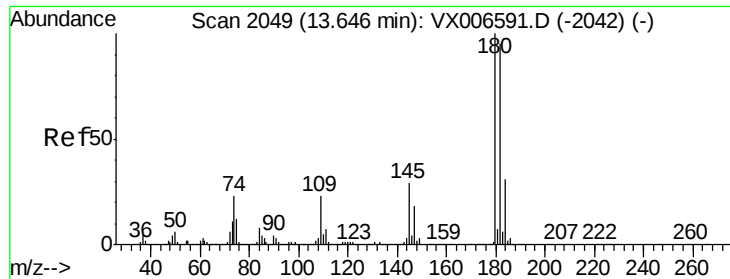
Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

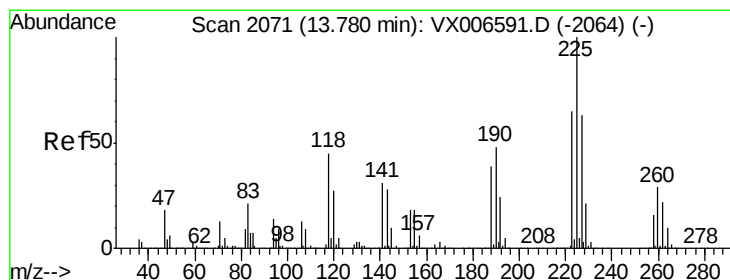
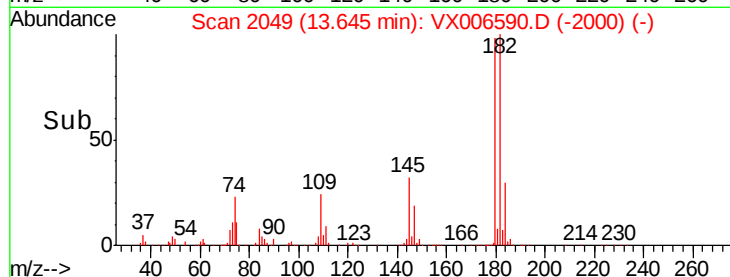
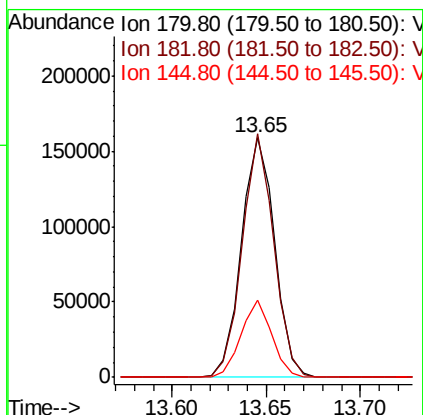
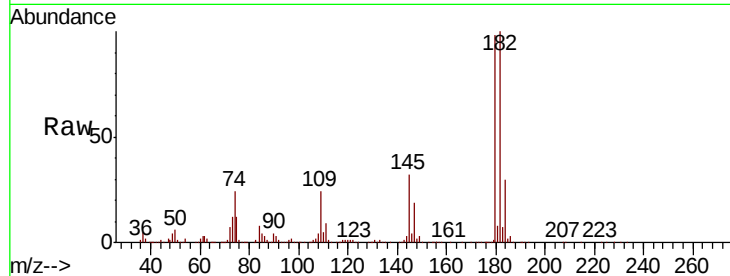




#93
 1,2,4-Trichlorobenzene
 Concen: 18.817 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX006590.D
 Acq: 18 Dec 2018 11:38

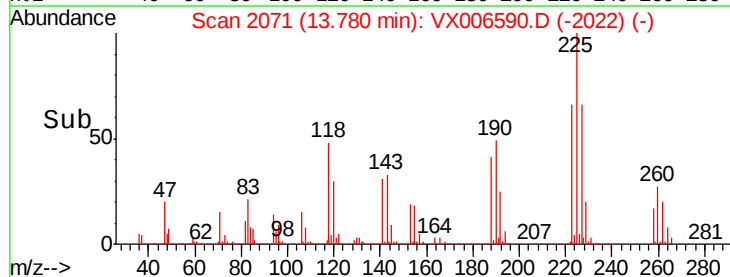
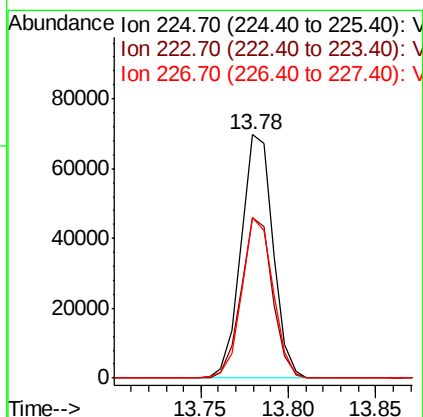
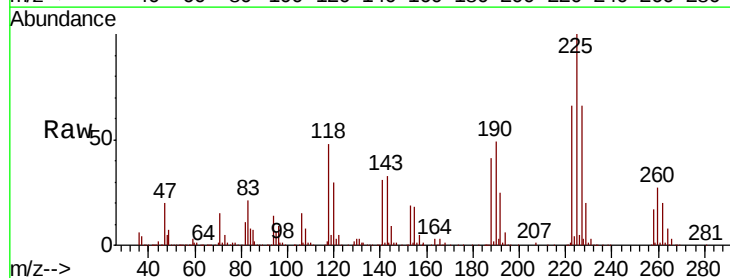
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

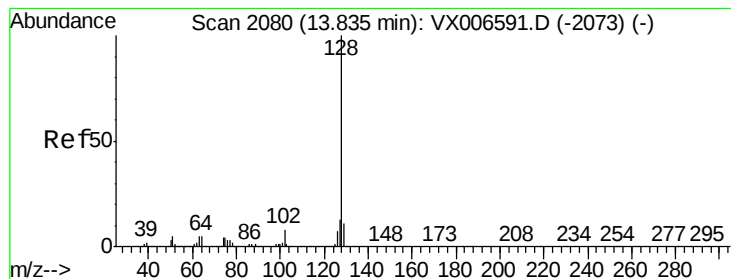
Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	47.3	142.0
145	30.1	14.8	44.3



#94
 Hexachlorobutadiene
 Concen: 18.189 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX006590.D
 Acq: 18 Dec 2018 11:38

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.1	32.1	96.3
227	64.3	32.3	96.8





#95

Naphthalene

Concen: 18.908 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX006590.D

Acq: 18 Dec 2018 11:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

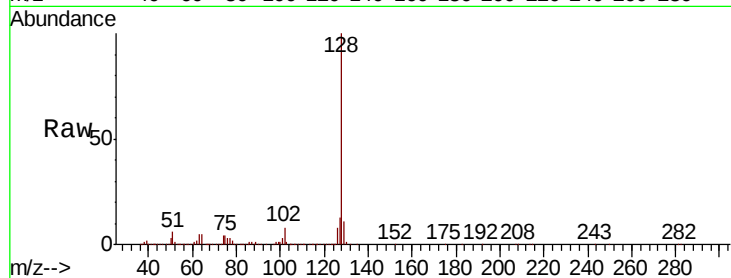
Tgt Ion:128 Resp: 622489

Ion Ratio Lower Upper

128 100

127 13.1 10.1 15.1

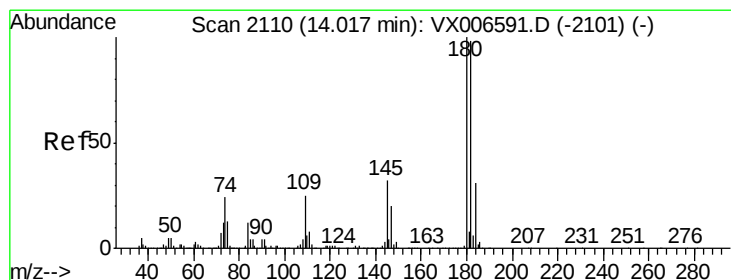
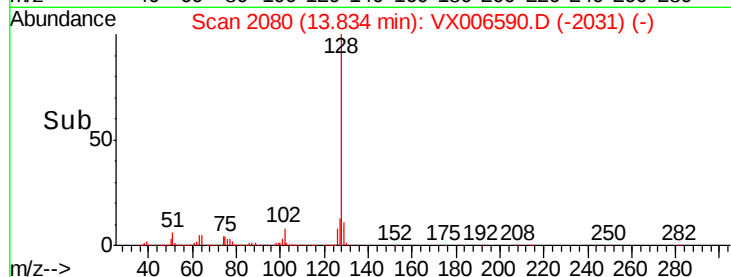
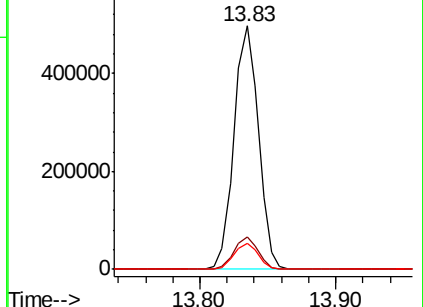
129 10.7 8.6 13.0



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: 18.634 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX006590.D

Acq: 18 Dec 2018 11:38

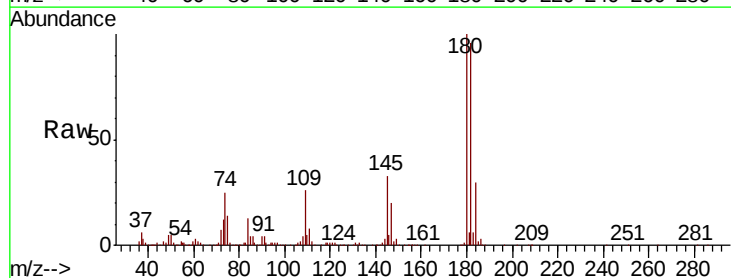
Tgt Ion:180 Resp: 198448

Ion Ratio Lower Upper

180 100

182 96.6 48.5 145.5

145 32.4 16.0 47.9



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

