

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\WX031919\
 Data File : VX008184.D
 Acq On : 19 Mar 2019 11:58
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Mar 19 12:17:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 11:34:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	298054	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	494957	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	429306	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	213897	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	644834	141.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	282.56%	
35) Dibromofluoromethane	5.50	113	486493	142.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	285.18%	
50) Toluene-d8	8.72	98	1857598	141.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	283.40%	
62) 4-Bromofluorobenzene	11.14	95	666276	145.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	290.18%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	569127	145.862	ug/l	99
3) Chloromethane	1.32	50	659650	149.276	ug/l	98
4) Vinyl Chloride	1.41	62	653722	141.275	ug/l	100
5) Bromomethane	1.64	94	596741	150.062	ug/l	99
6) Chloroethane	1.71	64	463400	167.184	ug/l	97
7) Trichlorofluoromethane	1.92	101	804342	140.866	ug/l	97
8) Diethyl Ether	2.19	74	467095	143.992	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	587447	143.585	ug/l	91
10) Methyl Iodide	2.51	142	785856	145.020	ug/l	97
11) Tert butyl alcohol	3.07	59	763905	743.487	ug/l	100
12) 1,1-Dichloroethene	2.37	96	574541	148.138	ug/l	91
13) Acrolein	2.30	56	496610	712.703	ug/l	100
14) Allyl chloride	2.73	41	1287869	149.071	ug/l	95
15) Acrylonitrile	3.15	53	1934878	705.636	ug/l	99
16) Acetone	2.45	43	1800754	673.112	ug/l	98
17) Carbon Disulfide	2.57	76	1791100	148.012	ug/l	100
18) Methyl Acetate	2.78	43	937959	143.513	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	2076007	145.925	ug/l	97
20) Methylene Chloride	2.85	84	633877	143.042	ug/l	90
21) trans-1,2-Dichloroethene	3.17	96	600506	146.077	ug/l	93
22) Diisopropyl ether	3.86	45	2408590	142.008	ug/l	91
23) Vinyl Acetate	3.82	43	10582938	707.618	ug/l	98
24) 1,1-Dichloroethane	3.70	63	1245195	145.861	ug/l	98
25) 2-Butanone	4.68	43	2829067	688.821	ug/l	98
26) 2,2-Dichloropropane	4.59	77	959233	147.603	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	694777	147.163	ug/l	90
28) Bromochloromethane	5.02	49	483931	134.883	ug/l	# 82
29) Tetrahydrofuran	5.13	42	1853726	700.499	ug/l	96
30) Chloroform	5.21	83	1143339	142.597	ug/l	99
31) Cyclohexane	5.58	56	1192961	143.019	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	993319	147.482	ug/l	97
36) 1,1-Dichloropropene	5.80	75	923199	149.179	ug/l	97
37) Ethyl Acetate	4.84	43	1089889	141.407	ug/l	98
38) Carbon Tetrachloride	5.79	117	842517	148.961	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	1115709	145.787	ug/l	93
40) Benzene	6.15	78	2686290	144.840	ug/l	99
41) Methacrylonitrile	5.05	41	622894	144.296	ug/l	96
42) 1,2-Dichloroethane	6.20	62	966635	144.083	ug/l	95
43) Isopropyl Acetate	6.45	43	1801944	145.948	ug/l	97
44) Trichloroethene	7.21	130	648303	146.864	ug/l	90
45) 1,2-Dichloropropane	7.51	63	753520	147.736	ug/l	99
46) Dibromomethane	7.66	93	446975	145.200	ug/l #	87
47) Bromodichloromethane	7.90	83	903471	148.249	ug/l	99
48) Methyl methacrylate	7.77	41	935207	144.009	ug/l	93
49) 1,4-Dioxane	7.74	88	317255	2977.112	ug/l	94
51) 4-Methyl-2-Pentanone	8.65	43	5519765	701.234	ug/l	99
52) Toluene	8.79	92	1590685	145.735	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	1060875	150.821	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	1152352	149.955	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	631408	140.389	ug/l	98
56) Ethyl methacrylate	9.18	69	1087751	144.348	ug/l #	91
57) 1,3-Dichloropropane	9.37	76	1122958	141.398	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	2556649	729.140	ug/l	94
59) 2-Hexanone	9.49	43	4276070	712.606	ug/l	97
60) Dibromochloromethane	9.59	129	659001	147.722	ug/l	99
61) 1,2-Dibromoethane	9.67	107	659714	141.160	ug/l	100
64) Tetrachloroethene	9.34	164	591934	143.408	ug/l	96
65) Chlorobenzene	10.14	112	1649200	145.556	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	597230	147.038	ug/l	99
67) Ethyl Benzene	10.25	91	3020827	146.433	ug/l	98
68) m/p-Xylenes	10.36	106	2268537	299.769	ug/l	95
69) o-Xylene	10.70	106	1096821	148.740	ug/l	95
70) Styrene	10.71	104	1813813	150.290	ug/l	95
71) Bromoform	10.86	173	499333	157.664	ug/l #	100
73) Isopropylbenzene	11.02	105	2853395	135.728	ug/l	99
74) N-amyl acetate	10.90	43	1605819	143.618	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	1012497	140.137	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	1269109	199.836	ug/l	89
77) Bromobenzene	11.26	156	689618	139.810	ug/l	84
78) n-propylbenzene	11.36	91	3406323	136.646	ug/l	96
79) 2-Chlorotoluene	11.42	91	1981785	136.838	ug/l	95
80) 1,3,5-Trimethylbenzene	11.51	105	2472161	141.168	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	363139	150.669	ug/l	98
82) 4-Chlorotoluene	11.51	91	2409351	142.316	ug/l	95
83) tert-Butylbenzene	11.77	119	2393613	145.515	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	2486896	139.516	ug/l	98
85) sec-Butylbenzene	11.94	105	2903419	139.633	ug/l	97
86) p-Isopropyltoluene	12.07	119	2555136	141.750	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	1266305	143.545	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	1278727	144.786	ug/l	98
89) n-Butylbenzene	12.39	91	2524892	147.312	ug/l	98
90) Hexachloroethane	12.60	117	459254	148.200	ug/l	83
91) 1,2-Dichlorobenzene	12.39	146	1282311	145.863	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	239125	145.881	ug/l	79

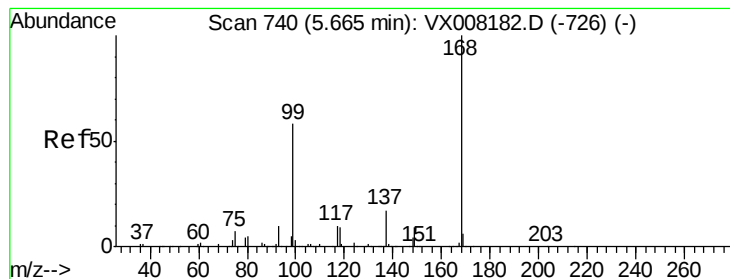
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031919\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	886211	149.914	ug/l	98
94) Hexachlorobutadiene	13.78	225	418479	144.925	ug/l	100
95) Naphthalene	13.83	128	2842992	145.922	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	871826	148.808	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX008184.D

Acq: 19 Mar 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

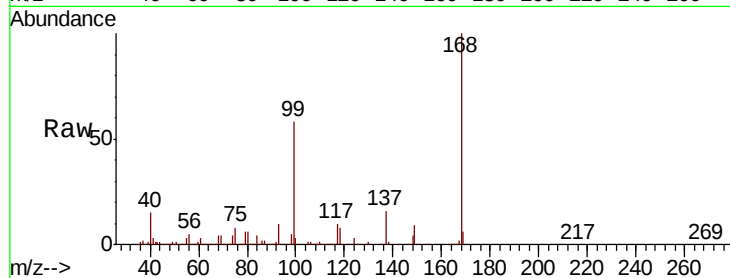
VSTDIC150

Tgt Ion:168 Resp: 298054

Ion Ratio Lower Upper

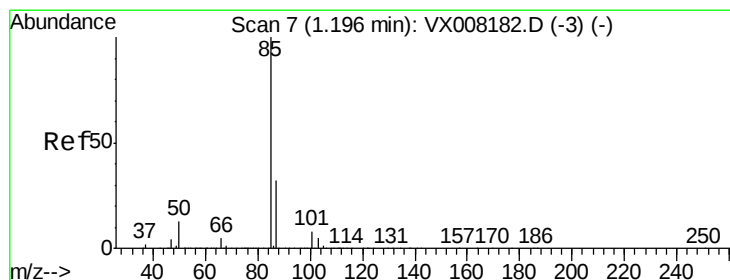
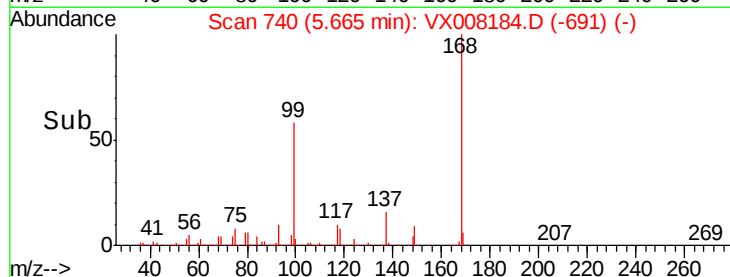
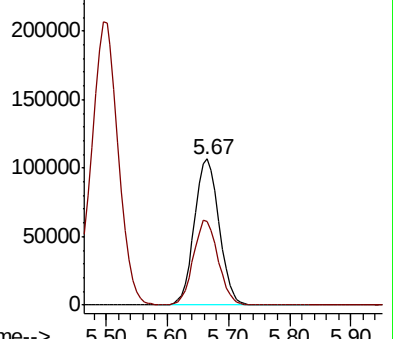
168 100

99 57.5 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): VX008184.D (-726) (-)

Ion 98.90 (98.60 to 99.60): VX008184.D (-726) (-)



#2

Dichlorodifluoromethane

Concen: 145.862 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX008184.D

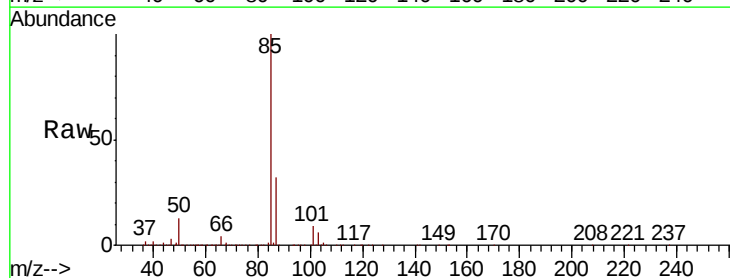
Acq: 19 Mar 2019 11:58

Tgt Ion: 85 Resp: 569127

Ion Ratio Lower Upper

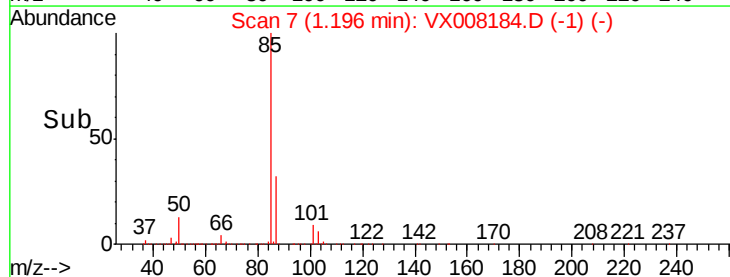
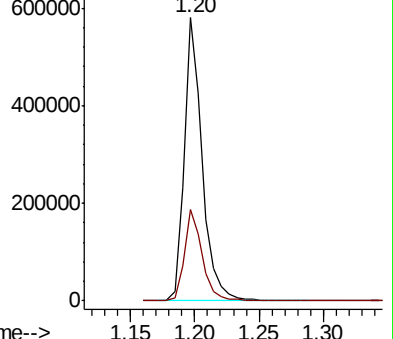
85 100

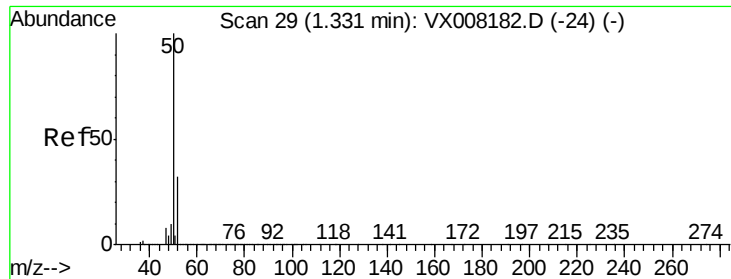
87 32.1 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX008184.D (-3) (-)

Ion 86.90 (86.60 to 87.60): VX008184.D (-3) (-)





#3

Chloromethane

Concen: 149.276 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX008184.D

Acq: 19 Mar 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

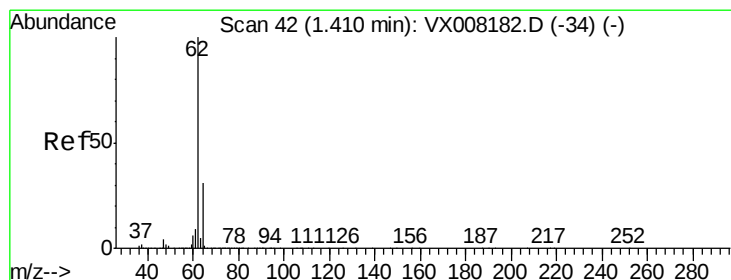
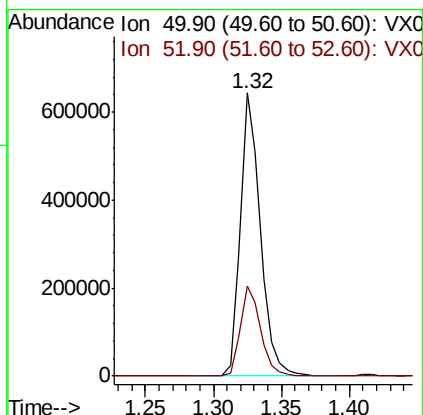
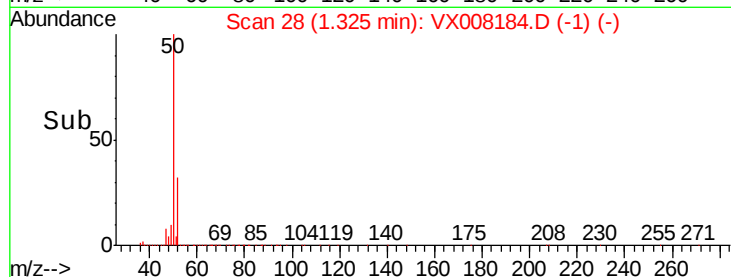
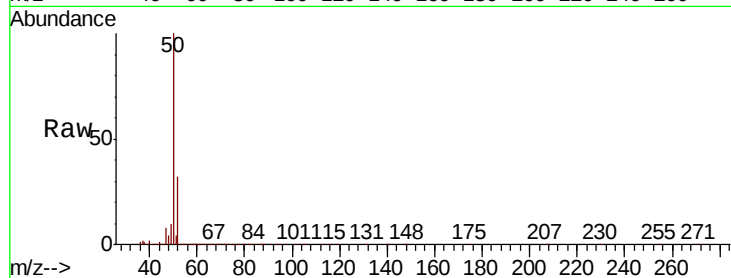
VSTDIC150

Tgt Ion: 50 Resp: 659650

Ion Ratio Lower Upper

50 100

52 32.0 26.5 39.7



#4

Vinyl Chloride

Concen: 141.275 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX008184.D

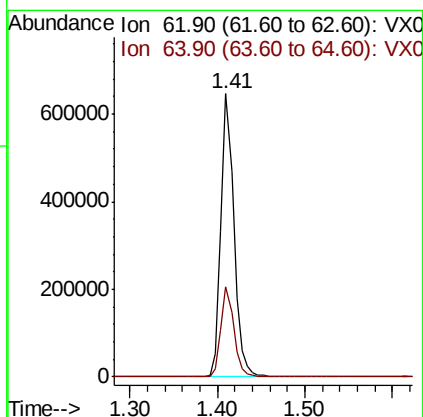
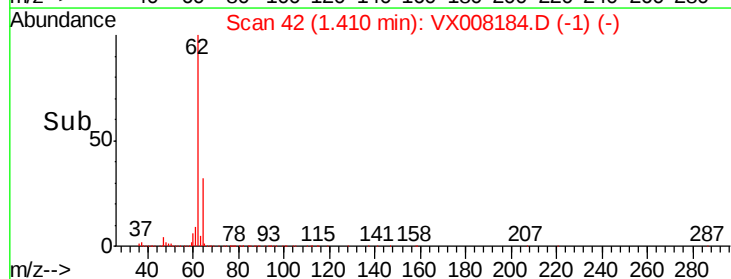
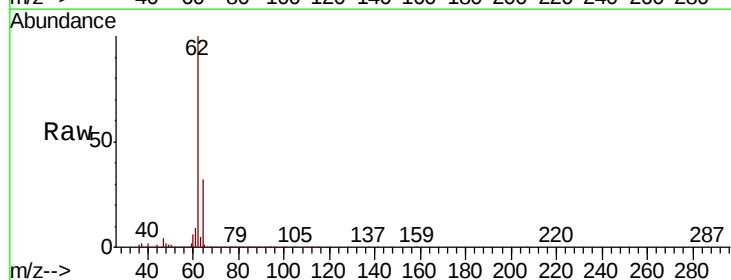
Acq: 19 Mar 2019 11:58

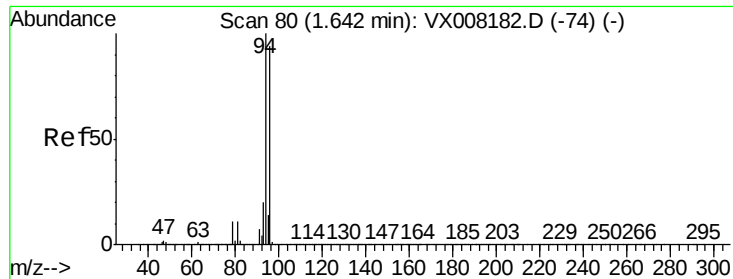
Tgt Ion: 62 Resp: 653722

Ion Ratio Lower Upper

62 100

64 31.9 25.3 37.9





#5

Bromomethane

Concen: 150.062 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX008184.D

Acq: 19 Mar 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

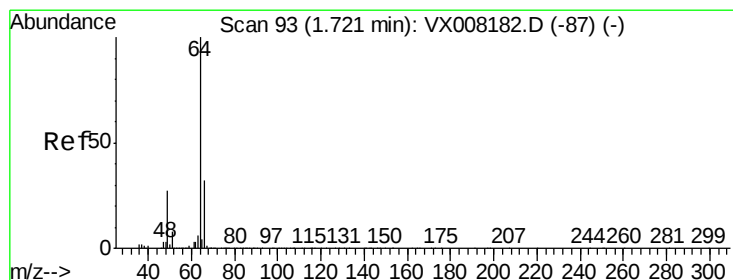
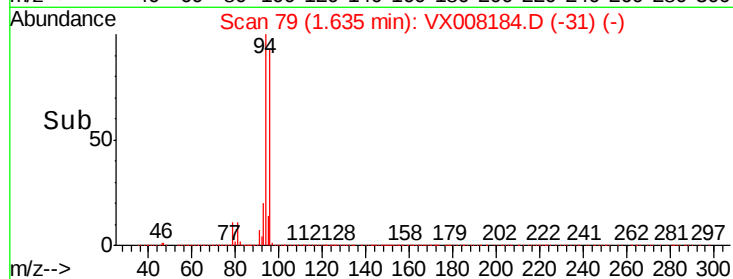
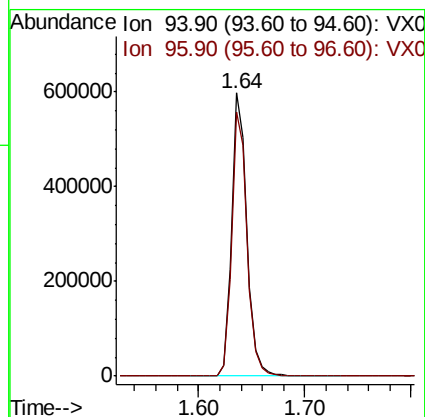
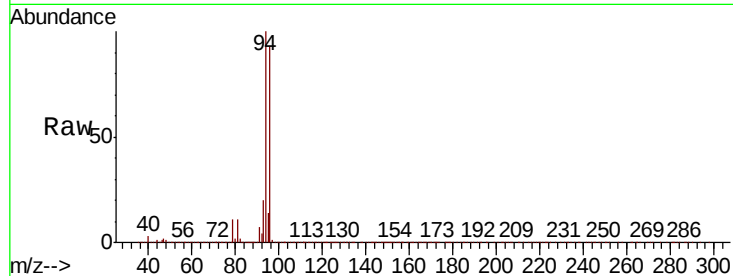
VSTDIC150

Tgt Ion: 94 Resp: 596741

Ion Ratio Lower Upper

94 100

96 93.4 75.5 113.3



#6

Chloroethane

Concen: 167.184 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX008184.D

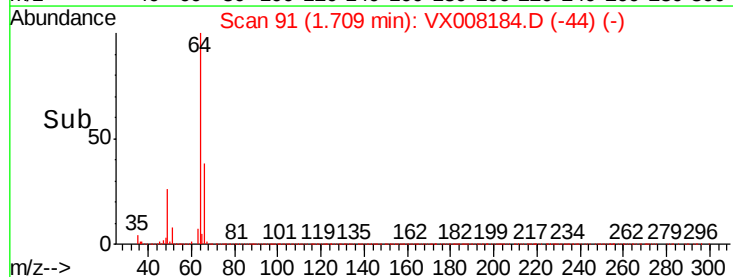
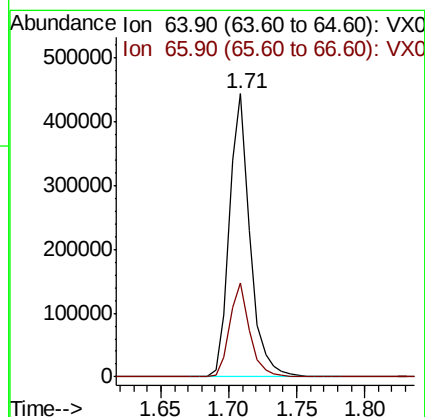
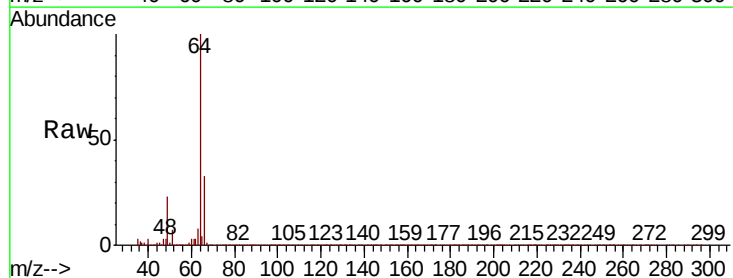
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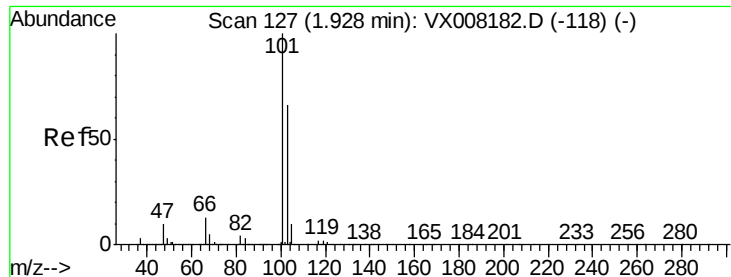
Tgt Ion: 64 Resp: 463400

Ion Ratio Lower Upper

64 100

66 33.3 25.2 37.8



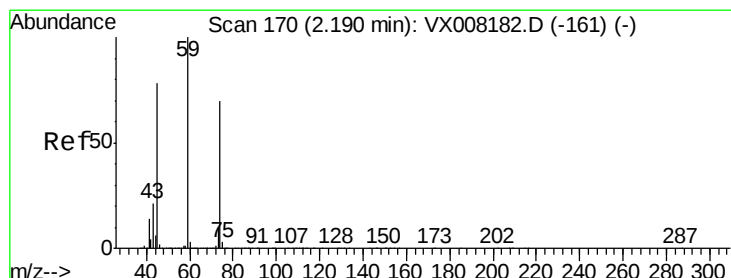
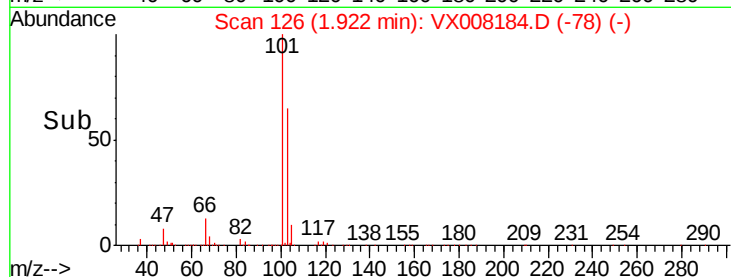
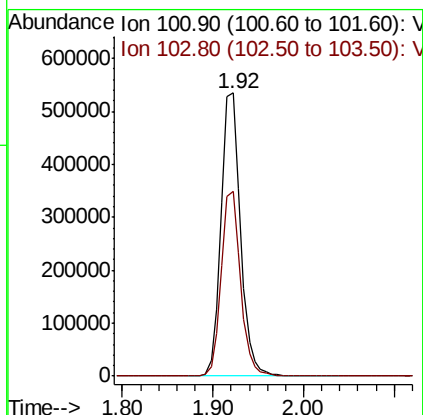
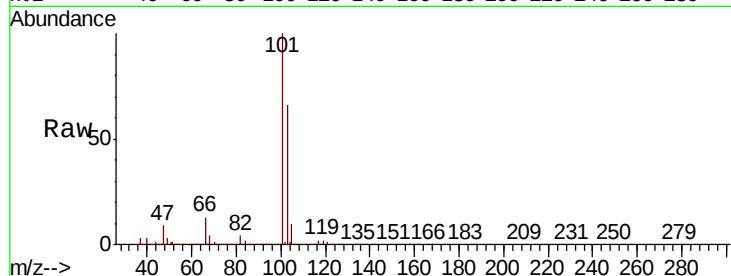


#7

Trichlorofluoromethane
 Concen: 140.866 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.01 min
 Lab File: VX008184.D
 Acq: 19 Mar 2019 11:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

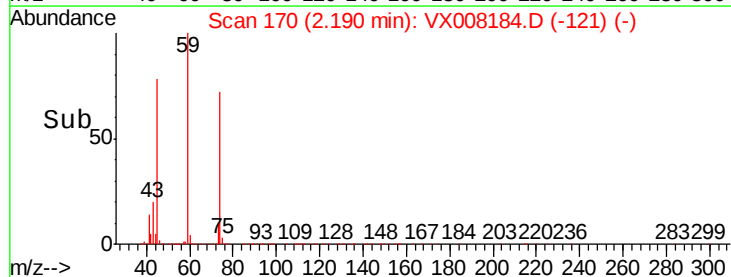
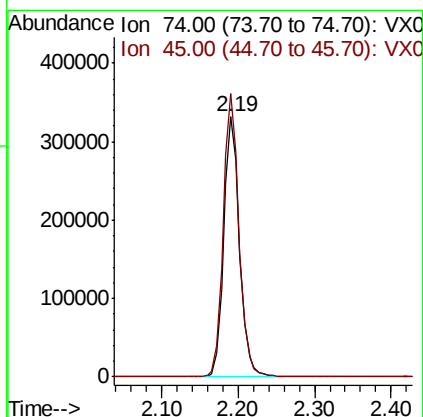
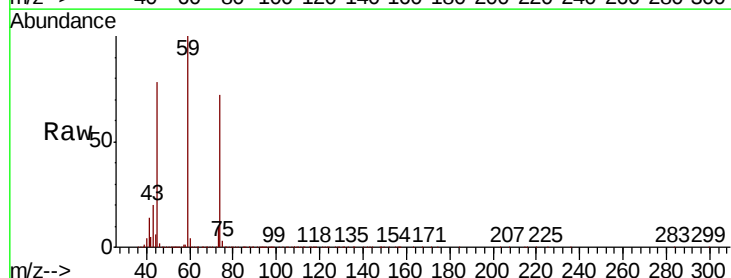
Tgt Ion:101 Resp: 804342
 Ion Ratio Lower Upper
 101 100
 103 65.5 50.4 75.6

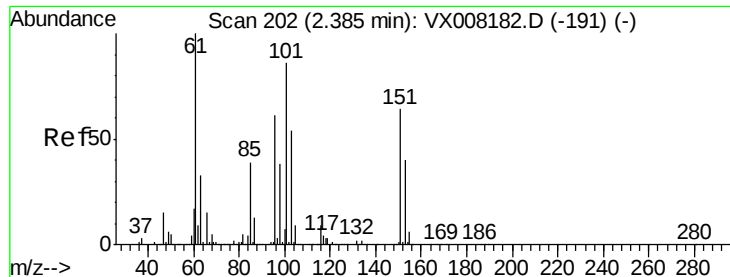


#8

Diethyl Ether
 Concen: 143.992 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX008184.D
 Acq: 19 Mar 2019 11:58

Tgt Ion: 74 Resp: 467095
 Ion Ratio Lower Upper
 74 100
 45 109.2 52.1 156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 143.585 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX008184.D

Acq: 19 Mar 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

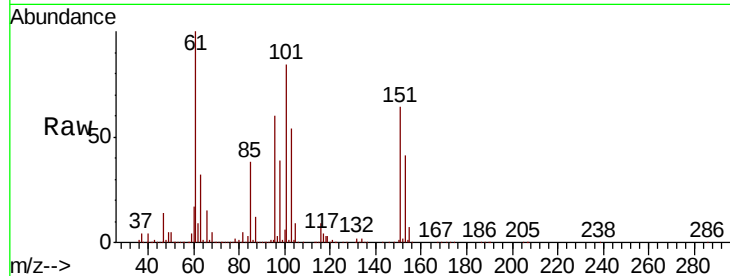
Tgt Ion:101 Resp: 587447

Ion Ratio Lower Upper

101 100

85 44.5 33.8 50.6

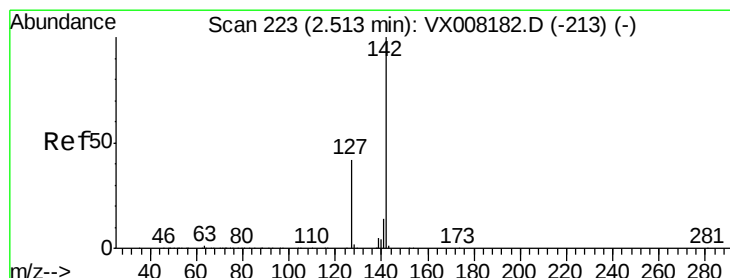
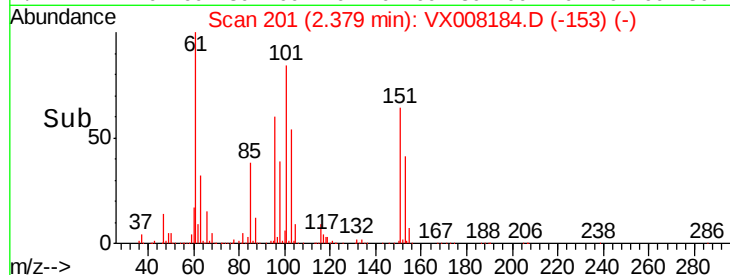
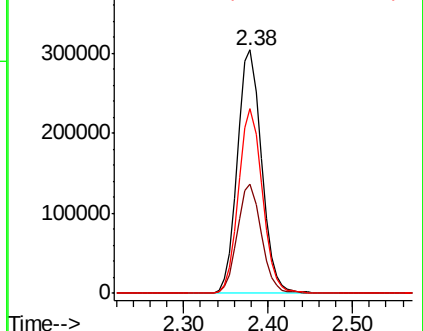
151 75.0 69.1 103.7



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: 145.020 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.01 min

Lab File: VX008184.D

Acq: 19 Mar 2019 11:58

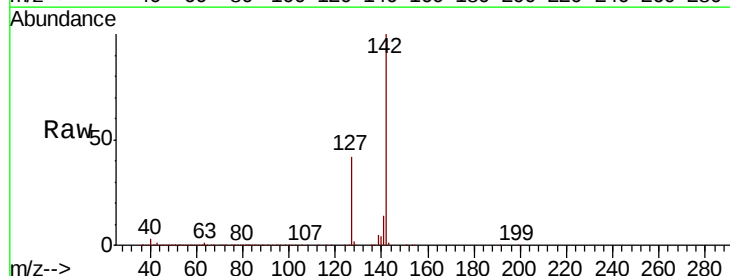
Tgt Ion:142 Resp: 785856

Ion Ratio Lower Upper

142 100

127 42.4 32.1 48.1

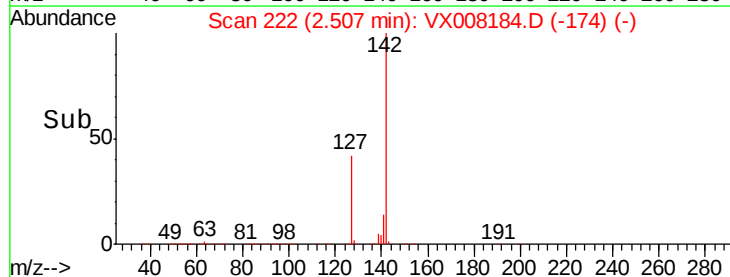
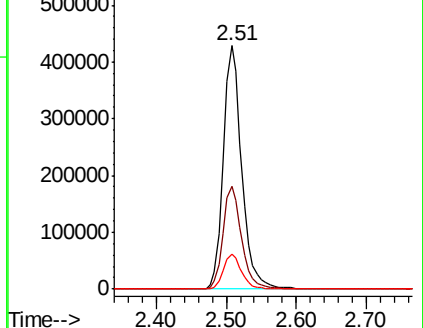
141 14.4 11.4 17.2

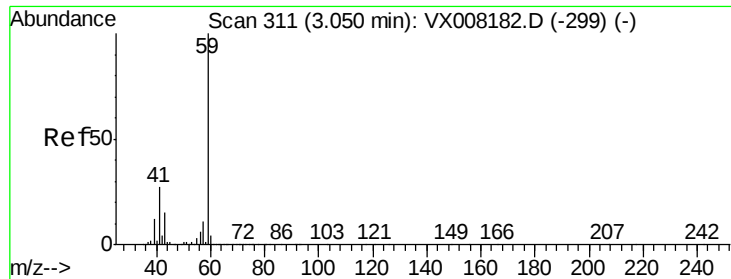


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

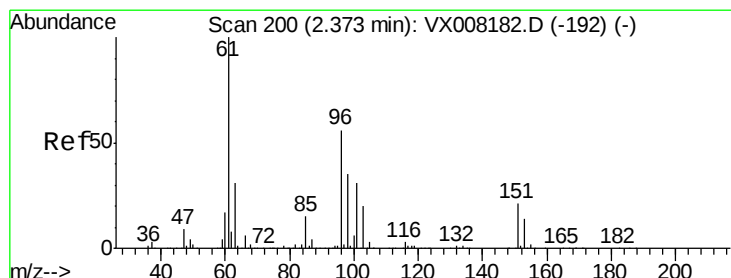
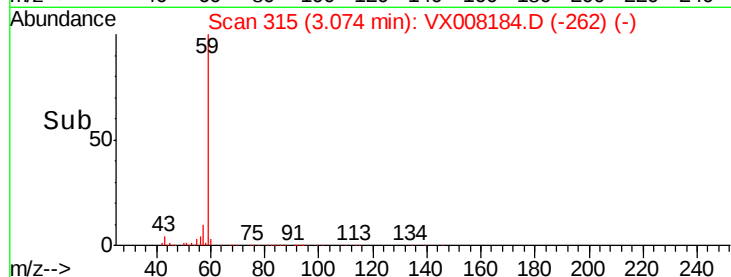
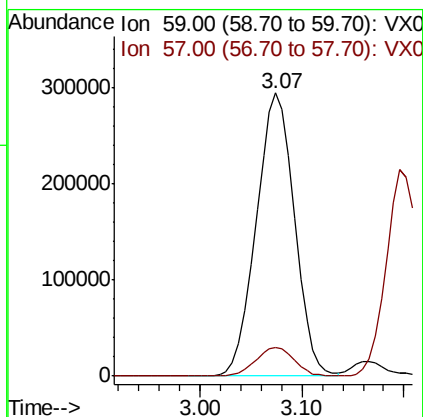
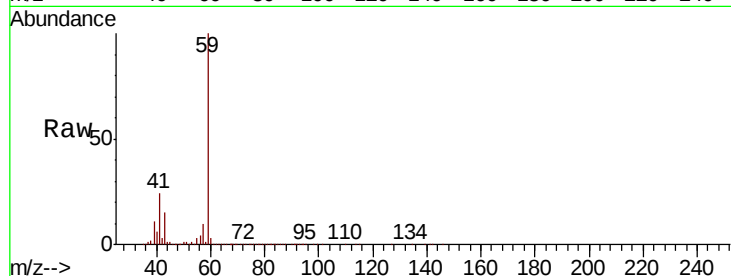




#11
Tert butyl alcohol
Concen: 743.487 ug/l
RT: 3.07 min Scan# 315
Delta R.T. 0.02 min
Lab File: VX008184.D
Acq: 19 Mar 2019 11:58

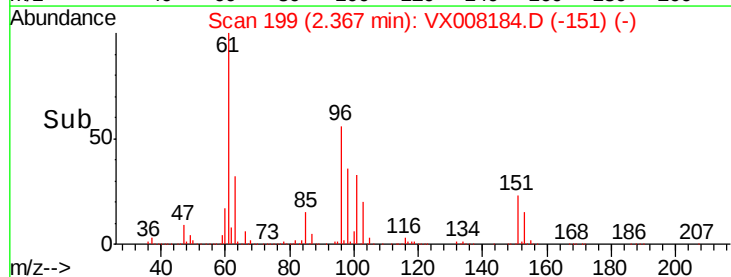
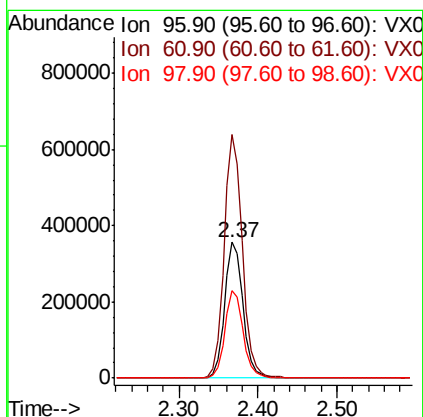
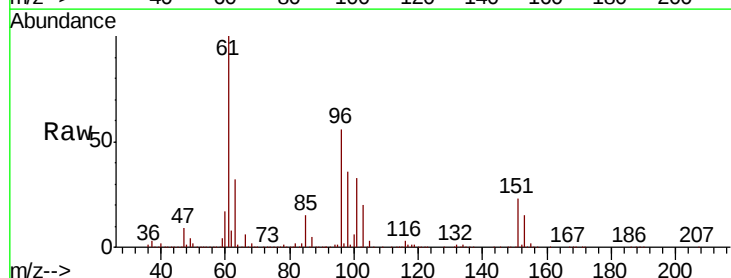
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

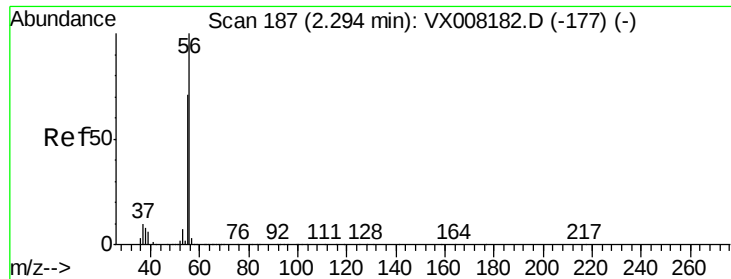
Tgt Ion: 59 Resp: 763905
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.2



#12
1,1-Dichloroethene
Concen: 148.138 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.01 min
Lab File: VX008184.D
Acq: 19 Mar 2019 11:58

Tgt Ion: 96 Resp: 574541
Ion Ratio Lower Upper
96 100
61 179.1 129.8 194.6
98 64.4 51.0 76.6





#13

Acrolein

Concen: 712.703 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX008184.D

Acq: 19 Mar 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

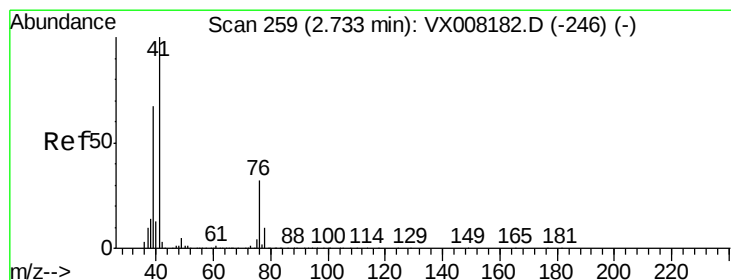
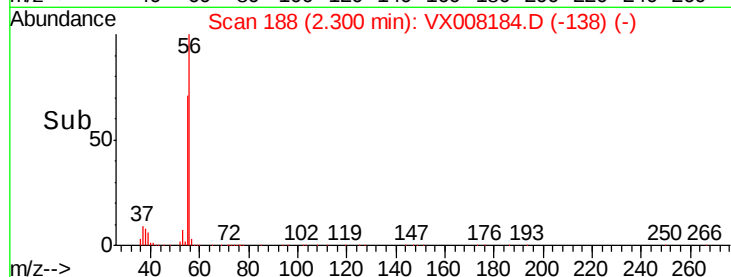
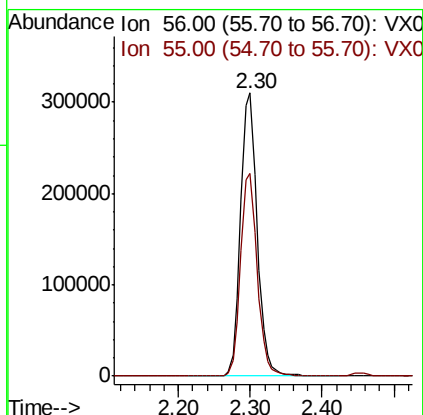
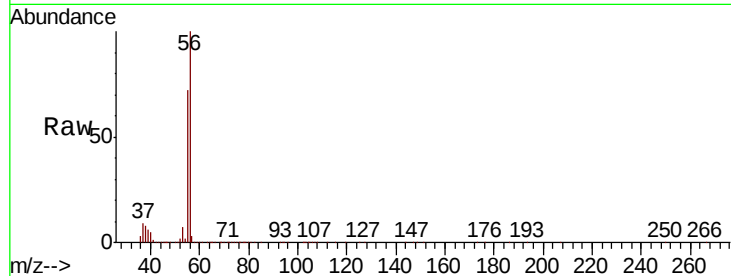
VSTDIC150

Tgt Ion: 56 Resp: 496610

Ion Ratio Lower Upper

56 100

55 71.9 57.8 86.6



#14

Allyl chloride

Concen: 149.071 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.01 min

Lab File: VX008184.D

Acq: 19 Mar 2019 11:58

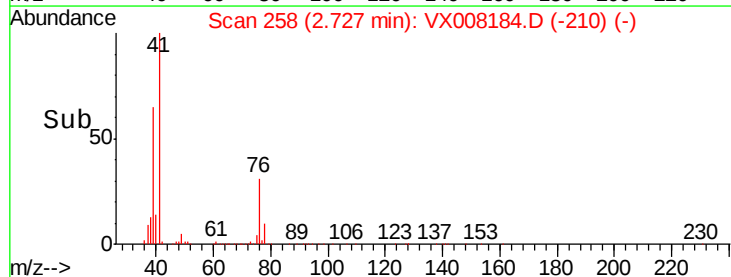
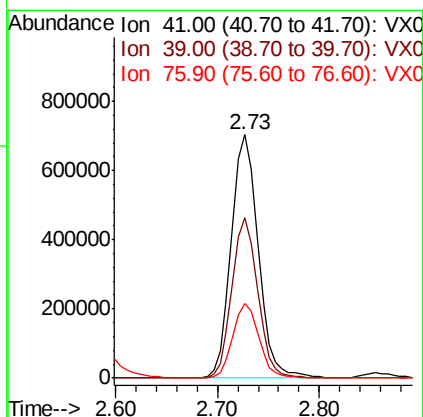
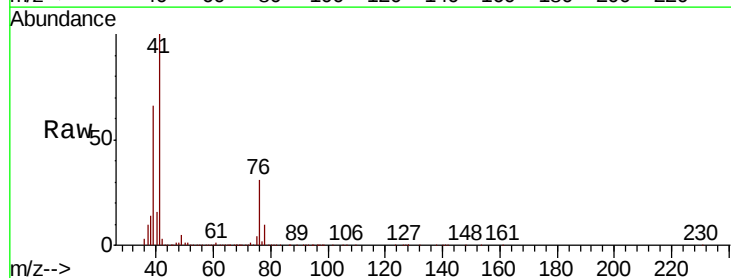
Tgt Ion: 41 Resp: 1287869

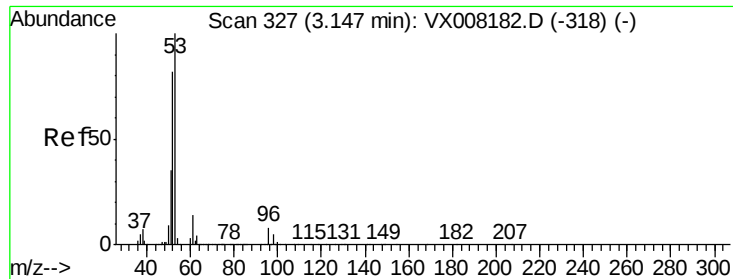
Ion Ratio Lower Upper

41 100

39 63.4 46.1 69.1

76 29.6 24.0 36.0





#15

Acrylonitrile

Concen: 705.636 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.00 min

Lab File: VX008184.D

Acq: 19 Mar 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

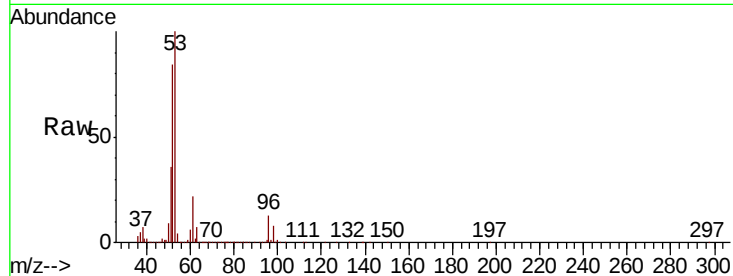
Tgt Ion: 53 Resp: 1934878

Ion Ratio Lower Upper

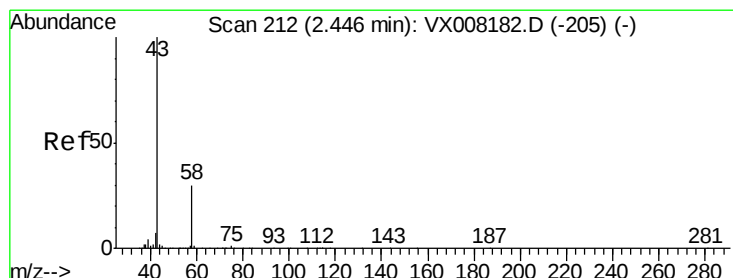
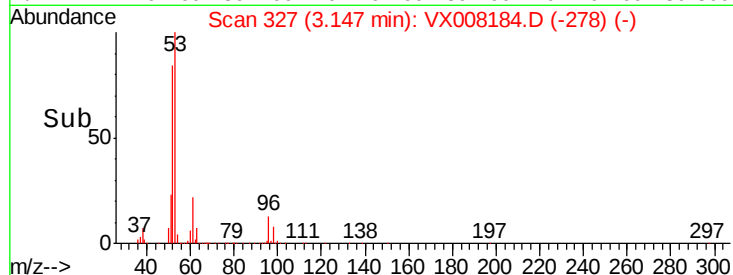
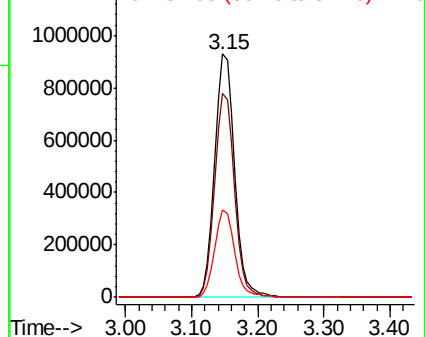
53 100

52 83.3 66.0 99.0

51 36.0 28.0 42.0



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: 673.112 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX008184.D

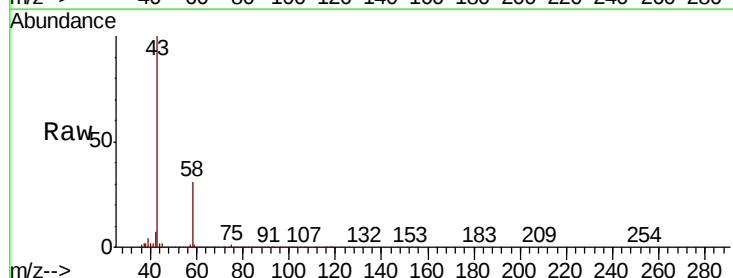
Acq: 19 Mar 2019 11:58

Tgt Ion: 43 Resp: 1800754

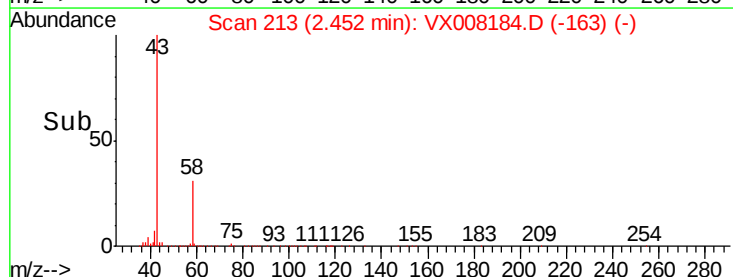
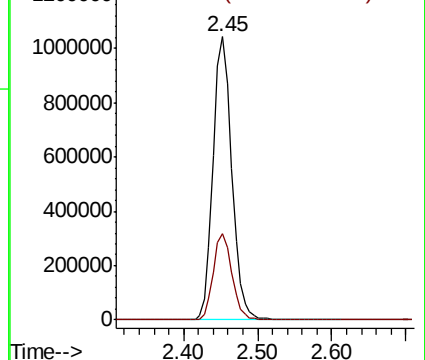
Ion Ratio Lower Upper

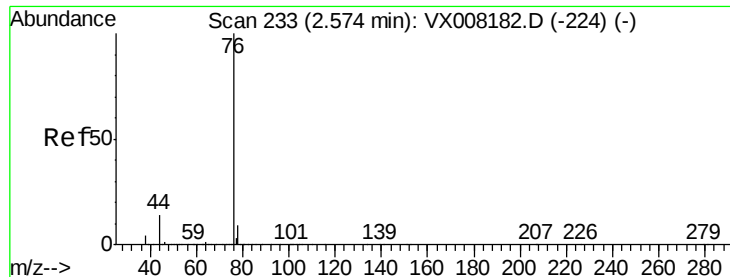
43 100

58 30.6 25.5 38.3



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





#17

Carbon Disulfide

Concen: 148.012 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.01 min

Lab File: VX008184.D

Acq: 19 Mar 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

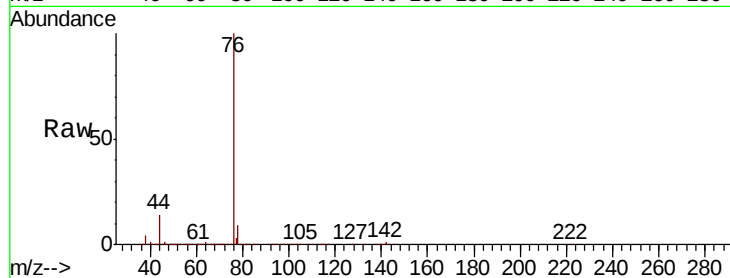
VSTDIC150

Tgt Ion: 76 Resp: 1791100

Ion Ratio Lower Upper

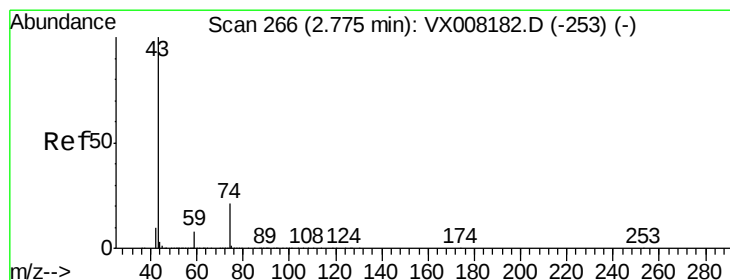
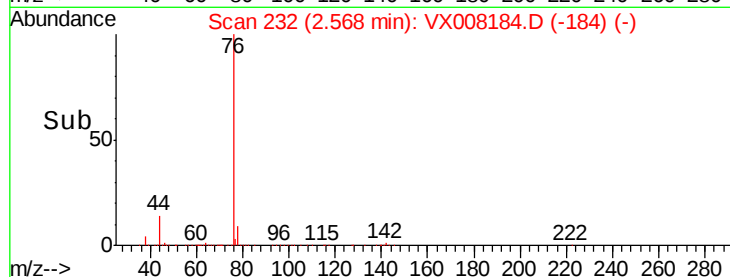
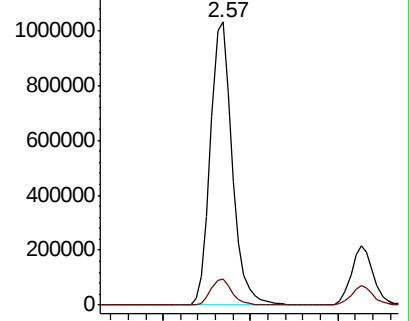
76 100

78 9.1 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 143.513 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX008184.D

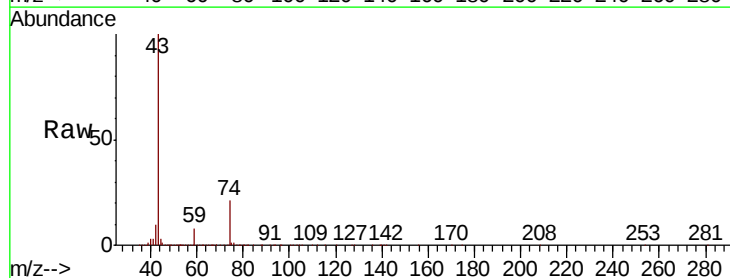
Acq: 19 Mar 2019 11:58

Tgt Ion: 43 Resp: 937959

Ion Ratio Lower Upper

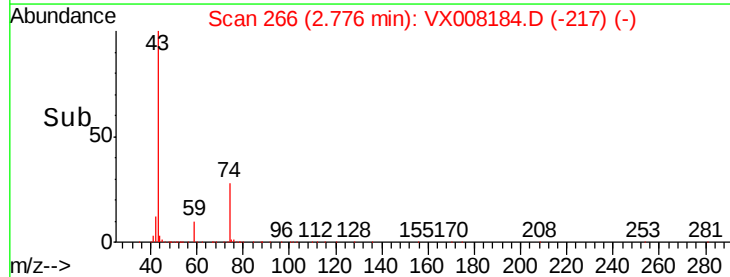
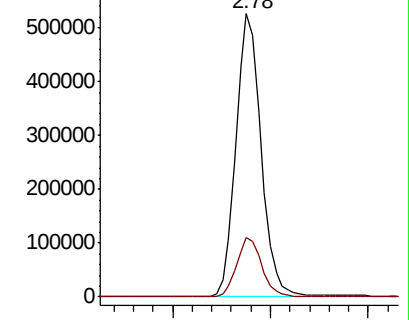
43 100

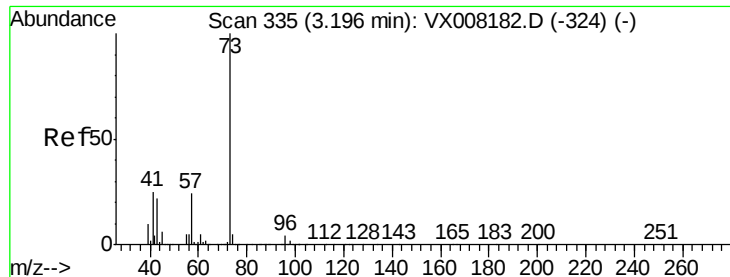
74 20.9 17.8 26.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



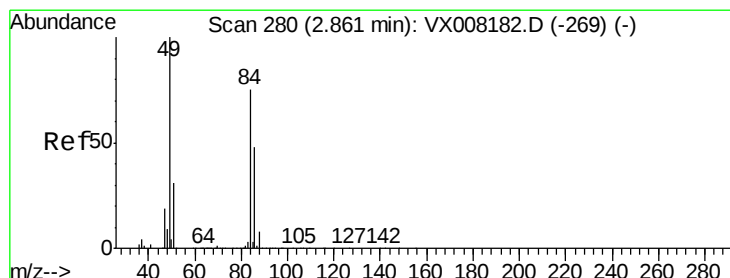
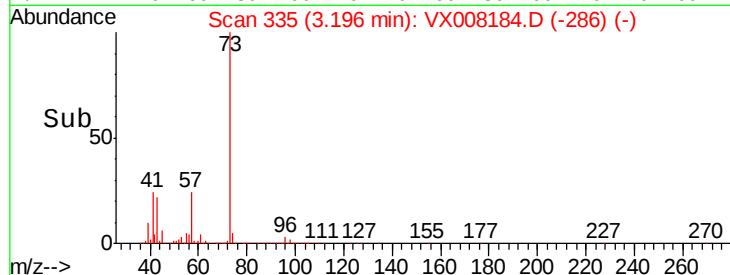
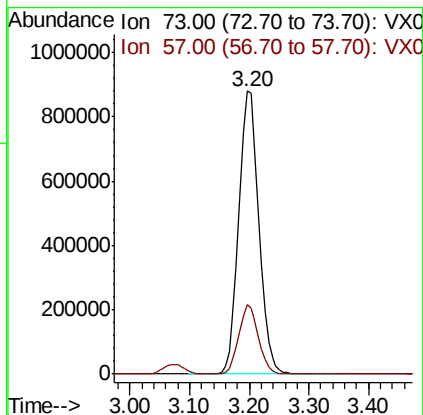
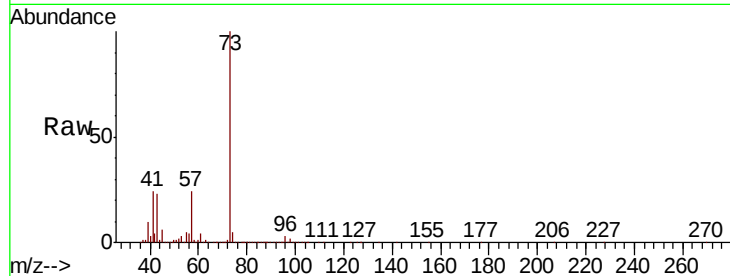


#19

Methyl tert-butyl Ether
 Concen: 145.925 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. 0.00 min
 Lab File: VX008184.D
 Acq: 19 Mar 2019 11:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

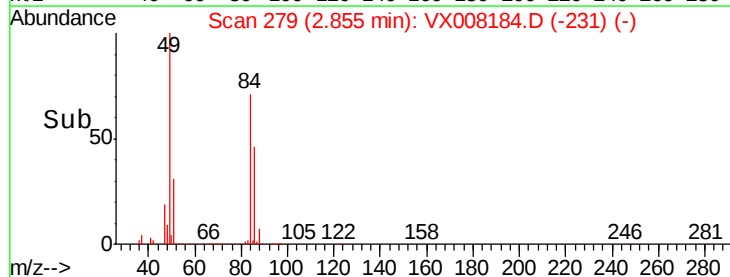
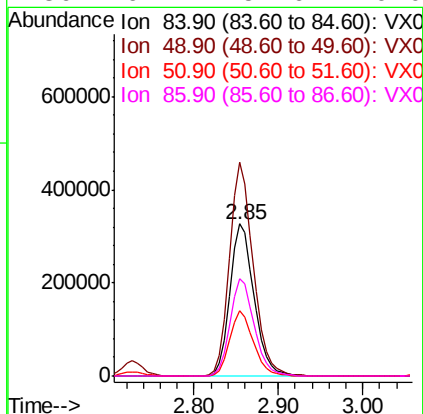
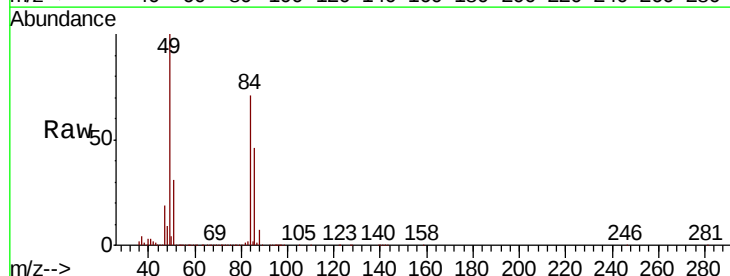
Tgt Ion: 73 Resp: 2076007
 Ion Ratio Lower Upper
 73 100
 57 24.4 18.2 27.4

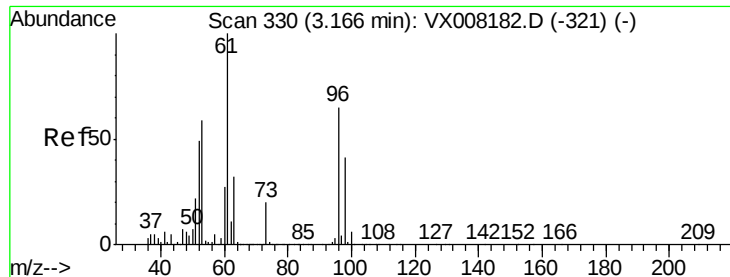


#20

Methylene Chloride
 Concen: 143.042 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.01 min
 Lab File: VX008184.D
 Acq: 19 Mar 2019 11:58

Tgt Ion: 84 Resp: 633877
 Ion Ratio Lower Upper
 84 100
 49 140.4 99.3 148.9
 51 43.2 31.3 46.9
 86 64.2 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 146.077 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX008184.D

Acq: 19 Mar 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

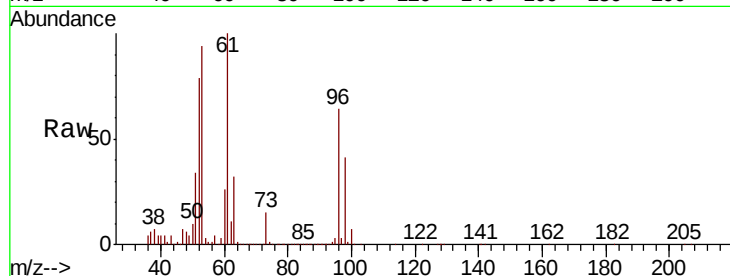
Tgt Ion: 96 Resp: 600506

Ion Ratio Lower Upper

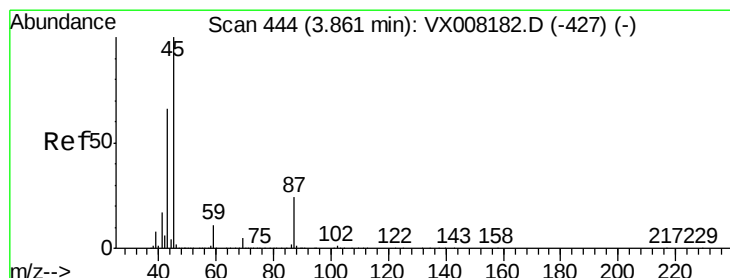
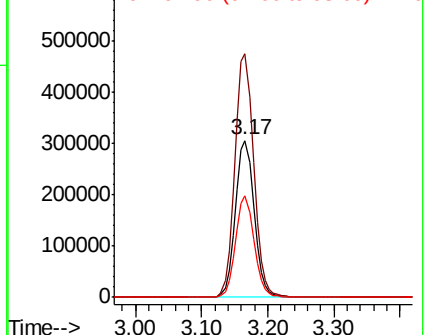
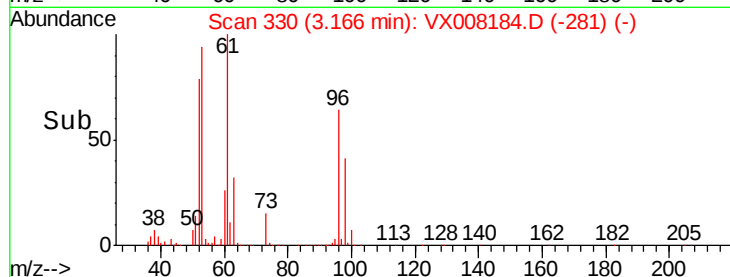
96 100

61 155.1 114.4 171.6

98 64.3 51.1 76.7



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: 142.008 ug/l

RT: 3.86 min Scan# 444

Delta R.T. 0.00 min

Lab File: VX008184.D

Acq: 19 Mar 2019 11:58

Tgt Ion: 45 Resp: 2408590

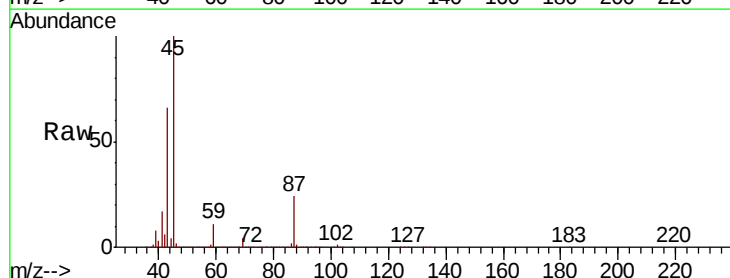
Ion Ratio Lower Upper

45 100

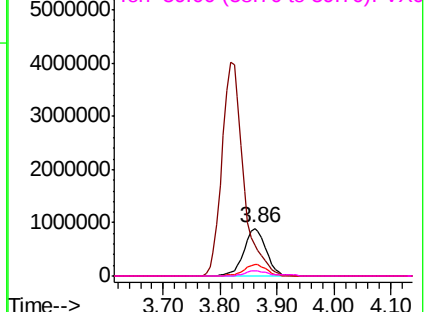
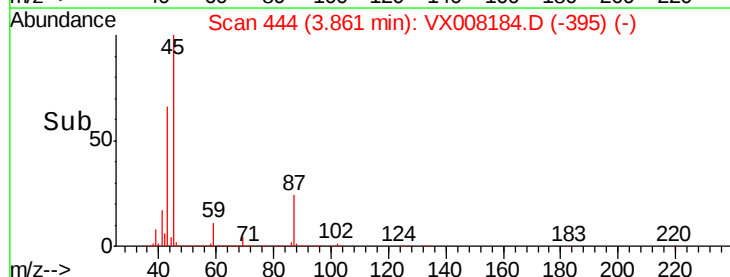
43 65.9 45.3 67.9

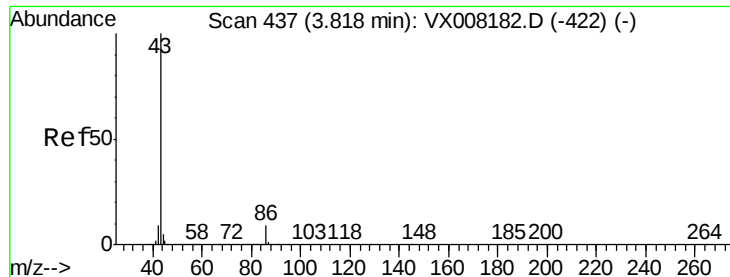
87 24.1 21.4 32.0

59 10.8 9.5 14.3



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: 707.618 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.00 min

Lab File: VX008184.D

Acq: 19 Mar 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

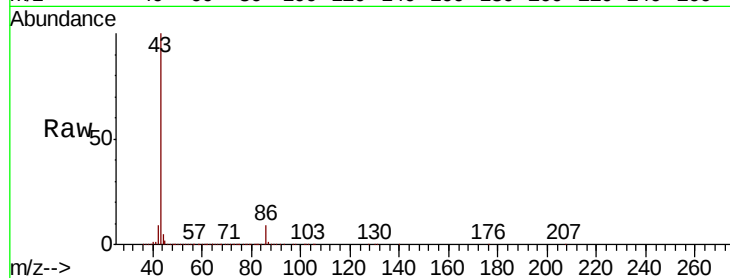
VSTDICC150

Tgt Ion: 43 Resp:10582938

Ion Ratio Lower Upper

43 100

86 9.3 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

4000000

3000000

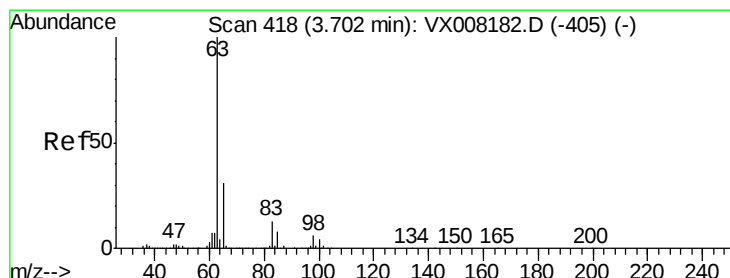
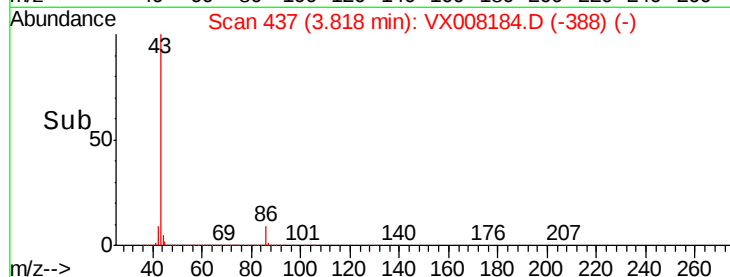
2000000

1000000

0

Time-->

3.60 3.80 4.00 4.20



#24

1,1-Dichloroethane

Concen: 145.861 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.01 min

Lab File: VX008184.D

Acq: 19 Mar 2019 11:58

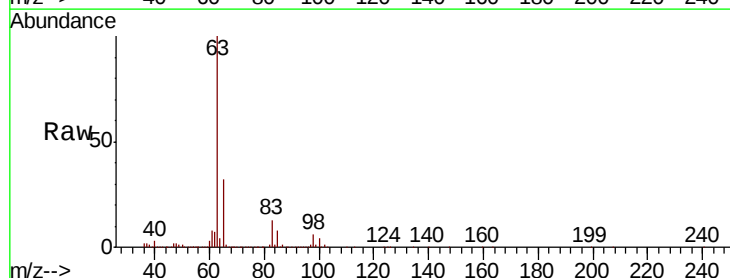
Tgt Ion: 63 Resp: 1245195

Ion Ratio Lower Upper

63 100

98 6.1 3.3 9.8

100 3.8 2.3 6.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

600000

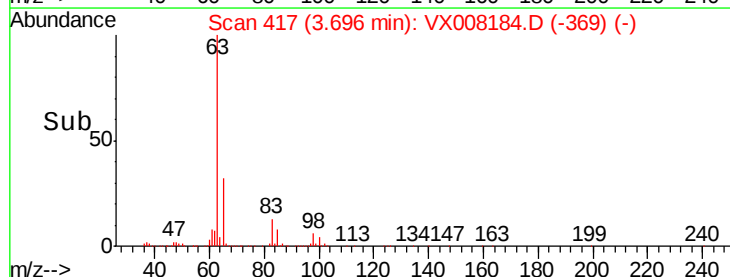
400000

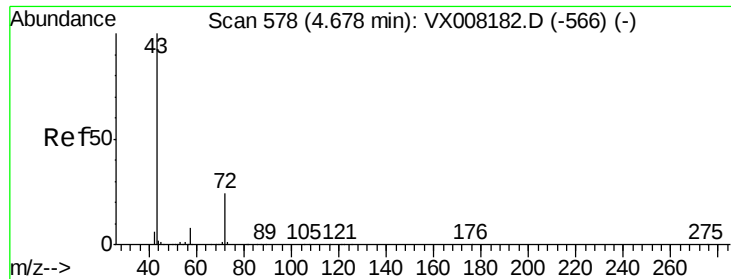
200000

0

Time-->

3.60 3.80

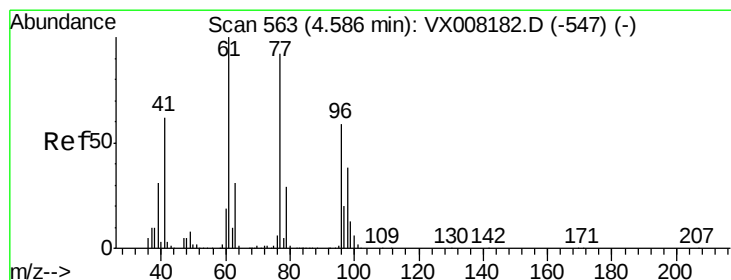
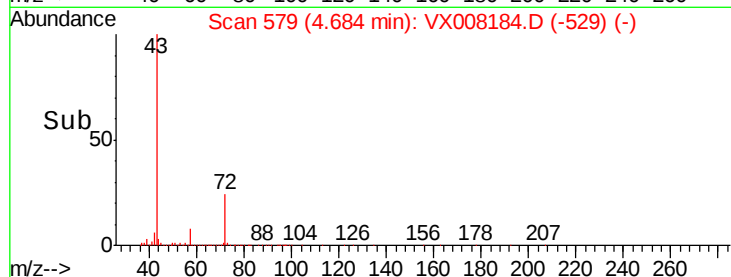
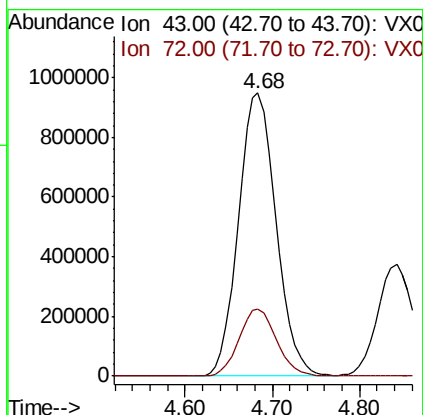
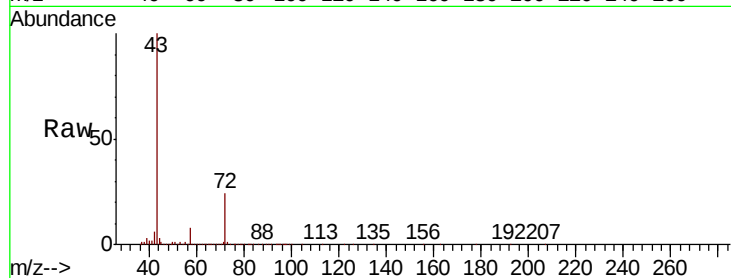




#25
2-Butanone
Concen: 688.821 ug/l
RT: 4.68 min Scan# 579
Delta R.T. 0.01 min
Lab File: VX008184.D
Acq: 19 Mar 2019 11:58

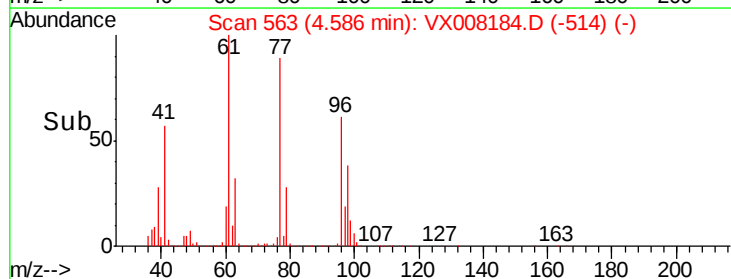
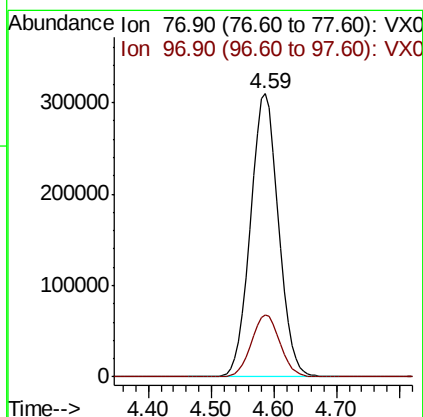
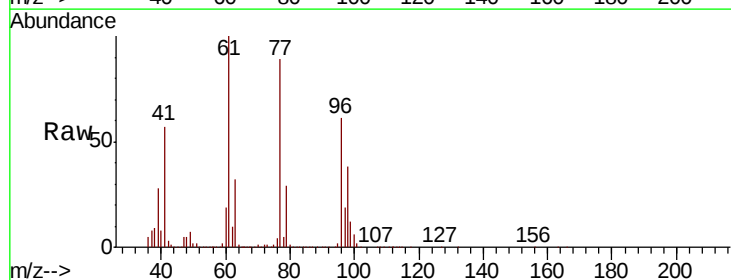
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

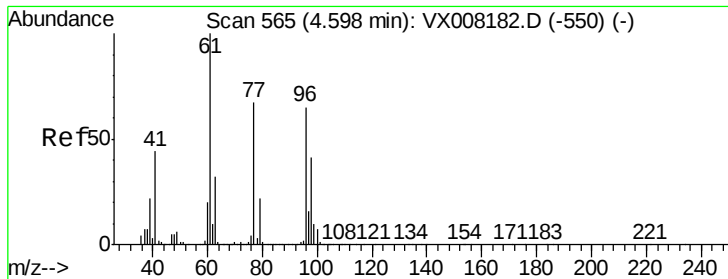
Tgt Ion: 43 Resp: 2829067
Ion Ratio Lower Upper
43 100
72 23.8 19.9 29.9



#26
2,2-Dichloropropane
Concen: 147.603 ug/l
RT: 4.59 min Scan# 563
Delta R.T. 0.00 min
Lab File: VX008184.D
Acq: 19 Mar 2019 11:58

Tgt Ion: 77 Resp: 959233
Ion Ratio Lower Upper
77 100
97 22.3 12.2 36.6



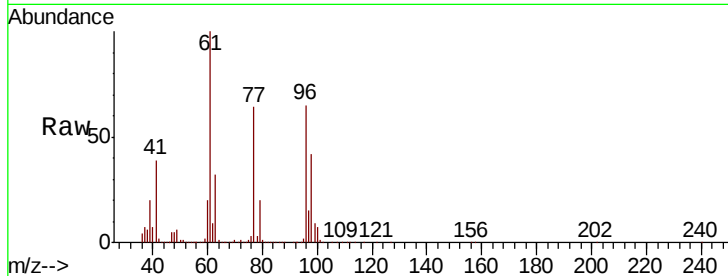


#27

cis-1,2-Dichloroethene
Concen: 147.163 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX008184.D
Acq: 19 Mar 2019 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion	Ratio	Lower	Upper
96	100		
61	161.9	0.0	288.0
98	64.6	0.0	129.0

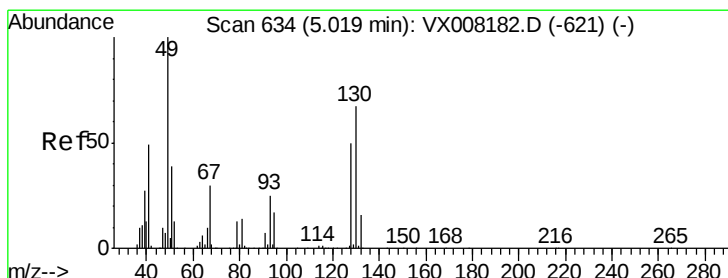
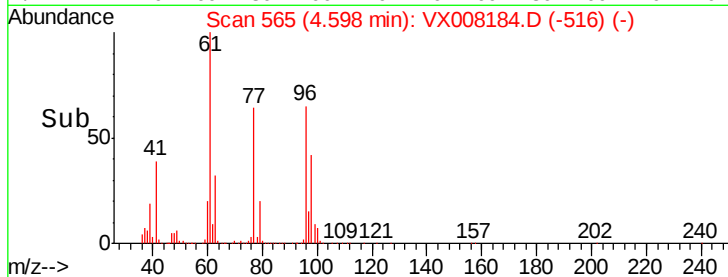
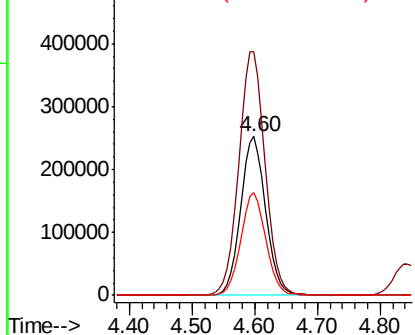


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

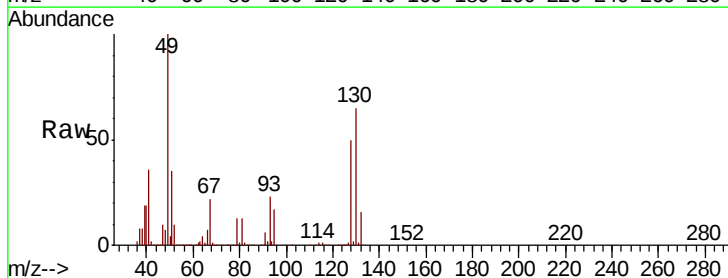
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
Concen: 134.883 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX008184.D
Acq: 19 Mar 2019 11:58

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	4.0
130	64.8	65.0	97.4#

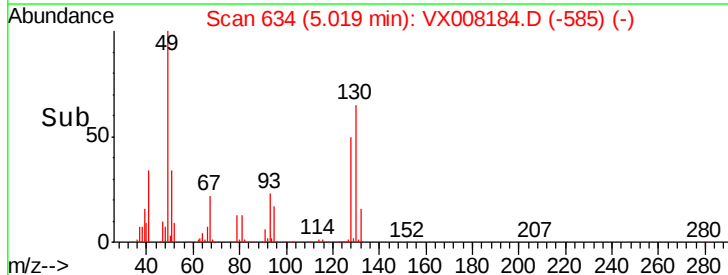
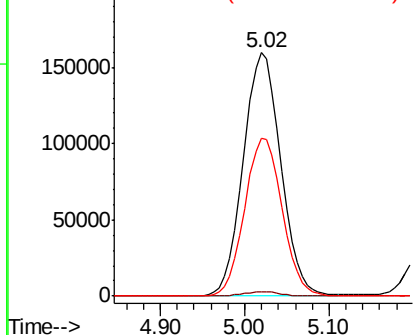


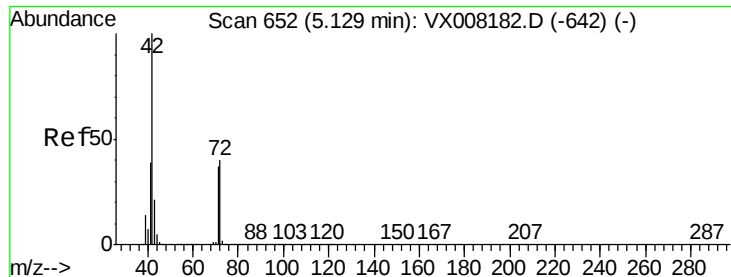
Abundance

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: 700.499 ug/l

RT: 5.13 min Scan# 653

Delta R.T. 0.01 min

Lab File: VX008184.D

Acq: 19 Mar 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

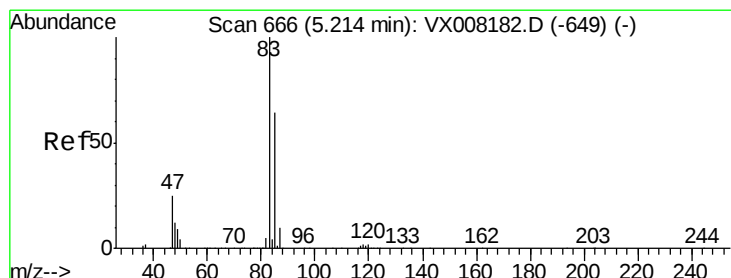
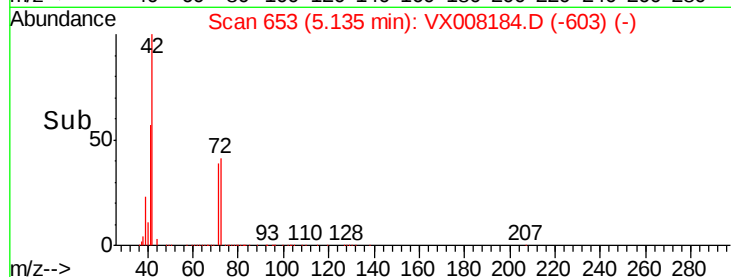
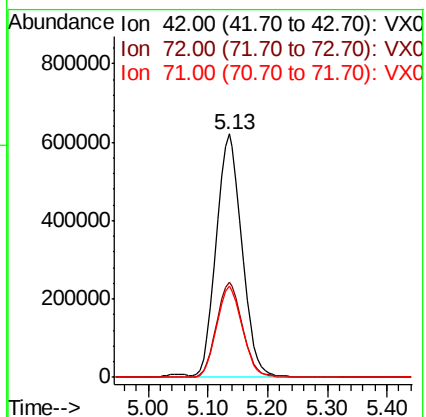
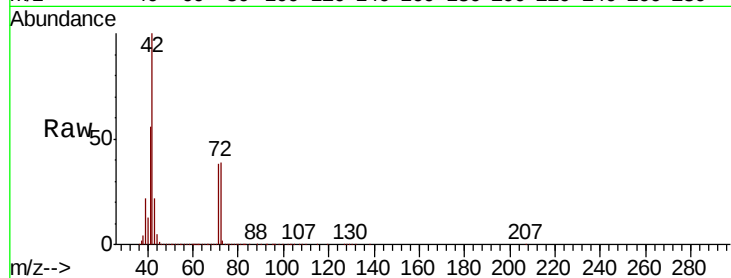
Tgt Ion: 42 Resp: 1853726

Ion Ratio Lower Upper

42 100

72 39.7 33.8 50.6

71 37.5 31.5 47.3



#30

Chloroform

Concen: 142.597 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX008184.D

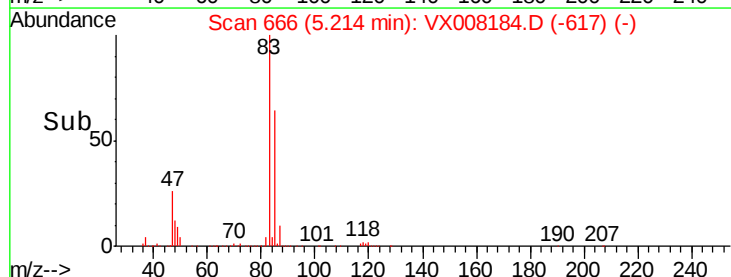
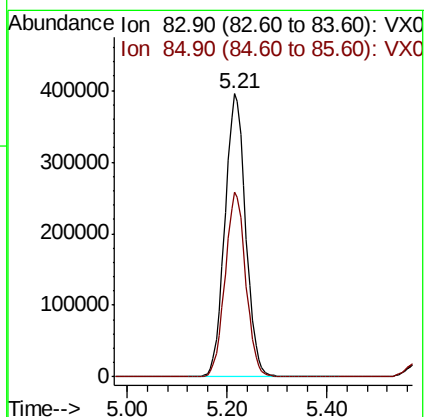
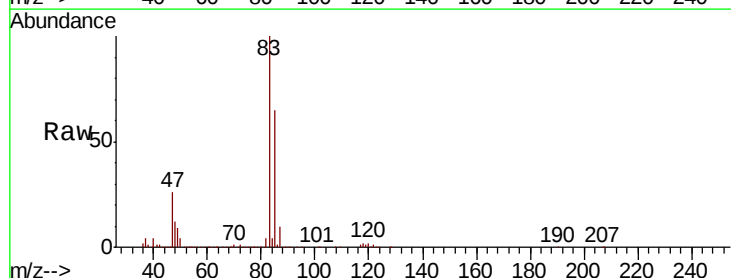
Acq: 19 Mar 2019 11:58

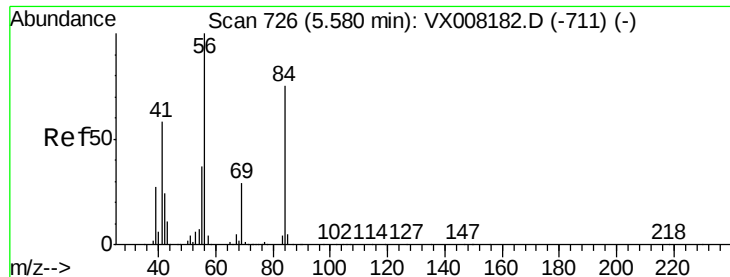
Tgt Ion: 83 Resp: 1143339

Ion Ratio Lower Upper

83 100

85 65.5 51.8 77.6

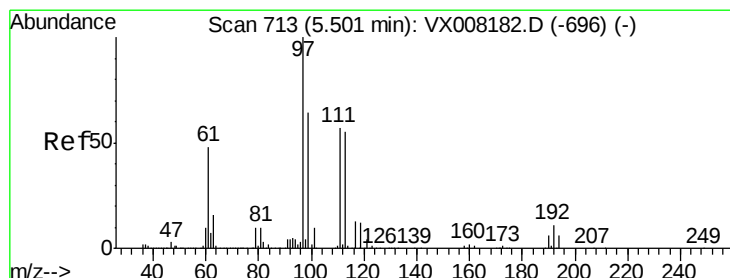
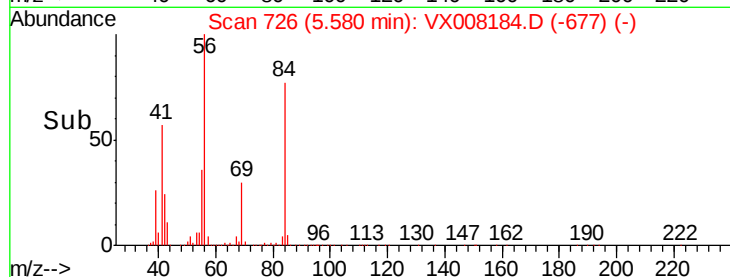
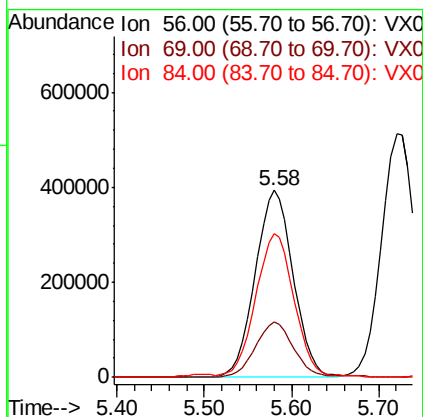
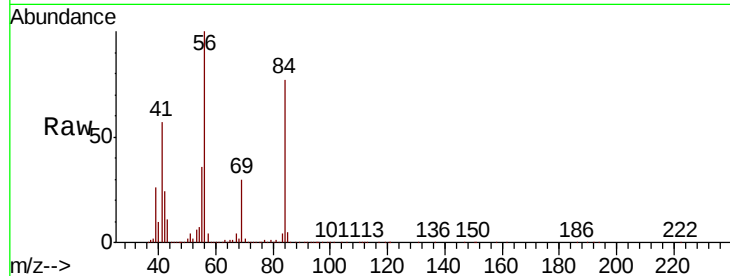




#31
Cyclohexane
Concen: 143.019 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: VX008184.D
Acq: 19 Mar 2019 11:58

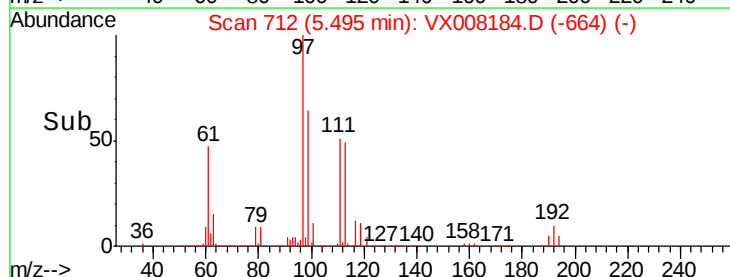
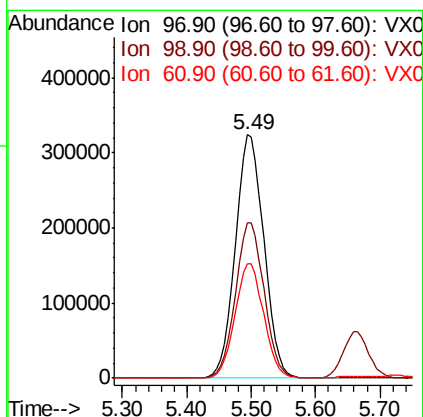
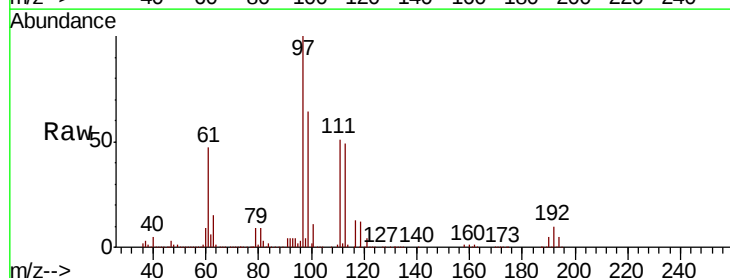
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

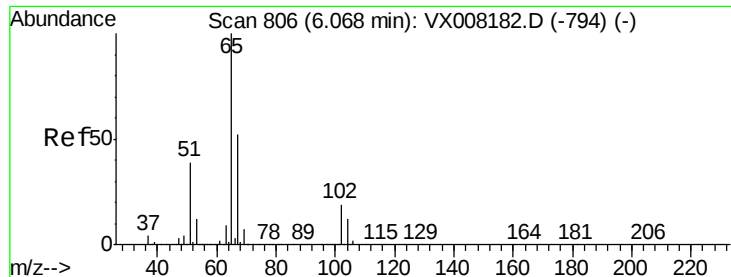
Tgt Ion: 56 Resp: 1192961
Ion Ratio Lower Upper
56 100
69 29.8 24.0 36.0
84 76.1 65.3 97.9



#32
1,1,1-Trichloroethane
Concen: 147.482 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX008184.D
Acq: 19 Mar 2019 11:58

Tgt Ion: 97 Resp: 993319
Ion Ratio Lower Upper
97 100
99 63.9 52.2 78.2
61 47.5 34.9 52.3





#33

1,2-Dichloroethane-d4

Concen: 141.283 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX008184.D

Acq: 19 Mar 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

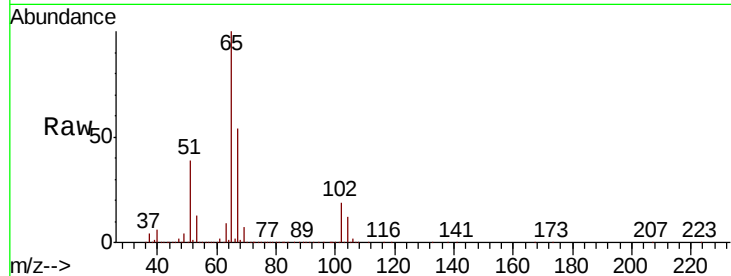
VSTDIC150

Tgt Ion: 65 Resp: 644834

Ion Ratio Lower Upper

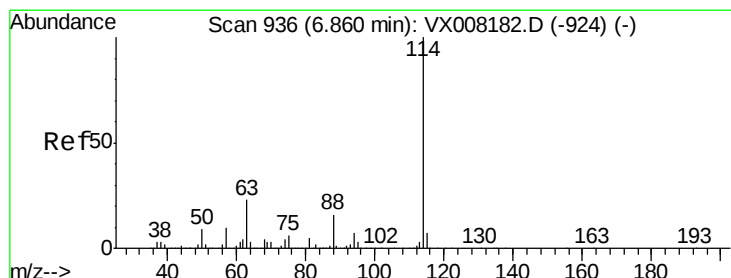
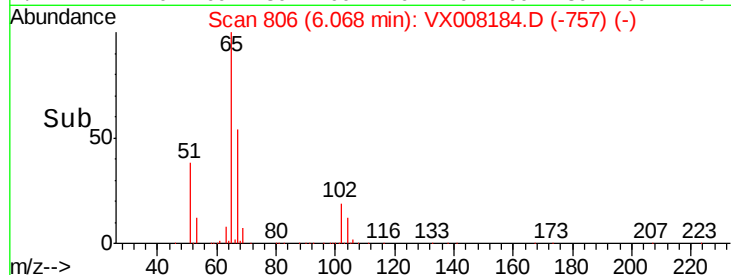
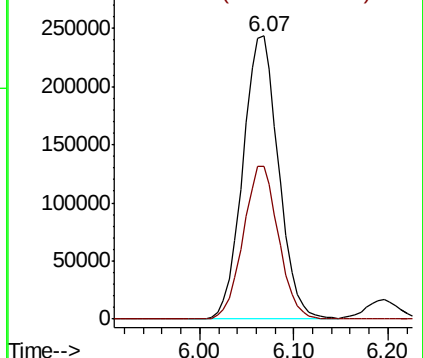
65 100

67 53.5 0.0 110.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX008184.D

Acq: 19 Mar 2019 11:58

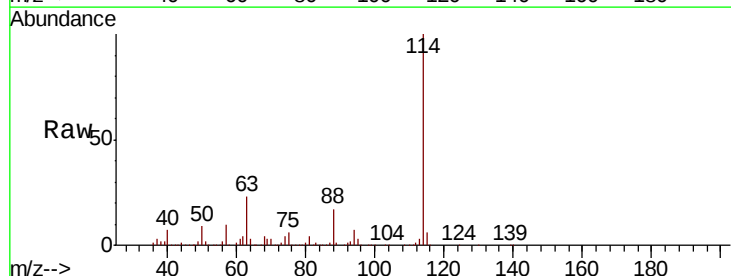
Tgt Ion: 114 Resp: 494957

Ion Ratio Lower Upper

114 100

63 23.4 0.0 39.8

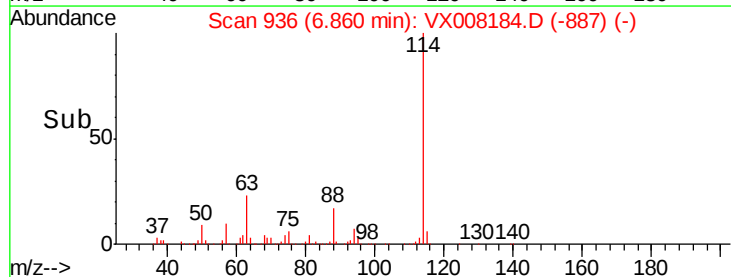
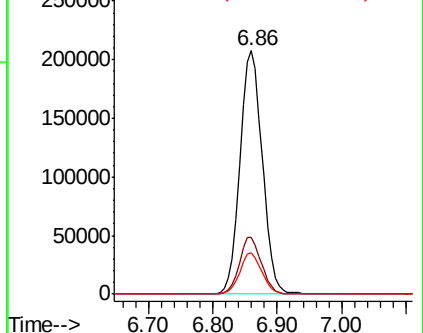
88 17.1 0.0 31.4

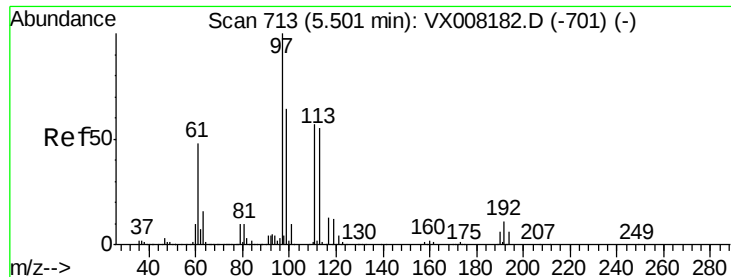


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 142.594 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX008184.D

Acq: 19 Mar 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

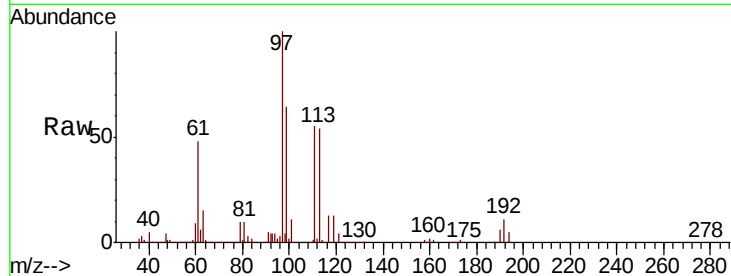
Tgt Ion:113 Resp: 486493

Ion Ratio Lower Upper

113 100

111 103.3 81.4 122.0

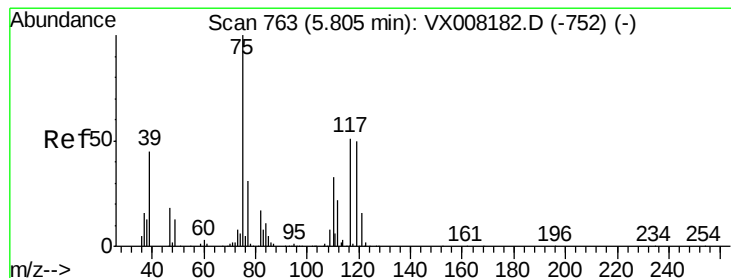
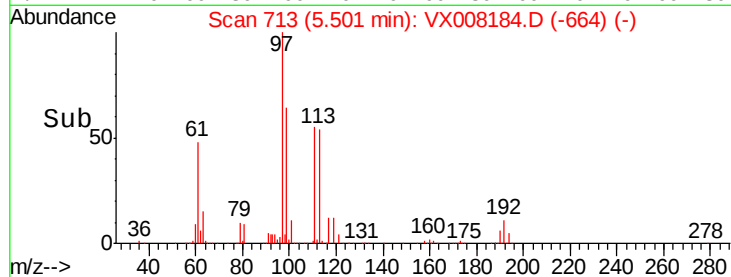
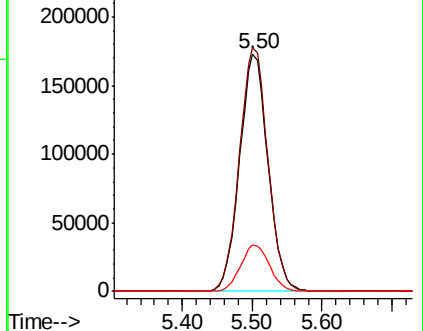
192 20.1 19.4 29.0



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: 149.179 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.01 min

Lab File: VX008184.D

Acq: 19 Mar 2019 11:58

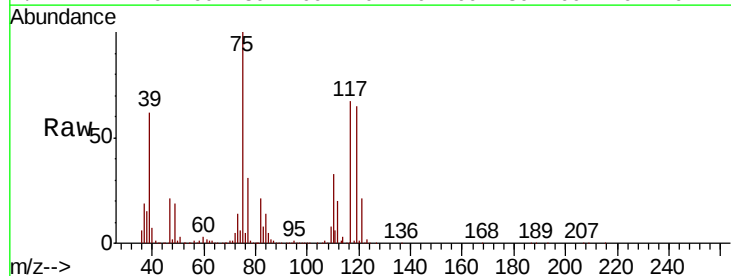
Tgt Ion: 75 Resp: 923199

Ion Ratio Lower Upper

75 100

110 33.3 18.4 55.0

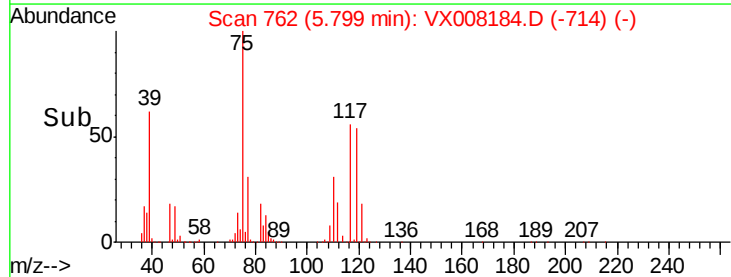
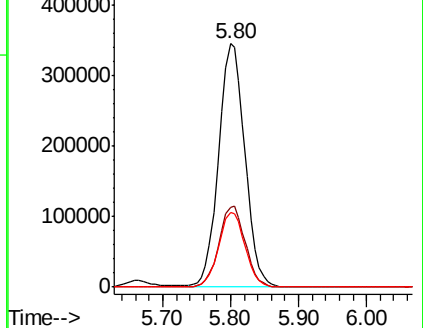
77 30.8 25.0 37.4

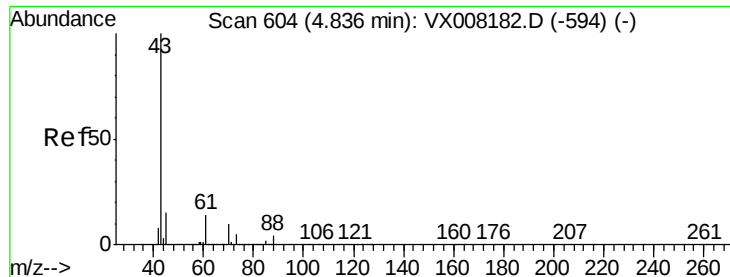


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

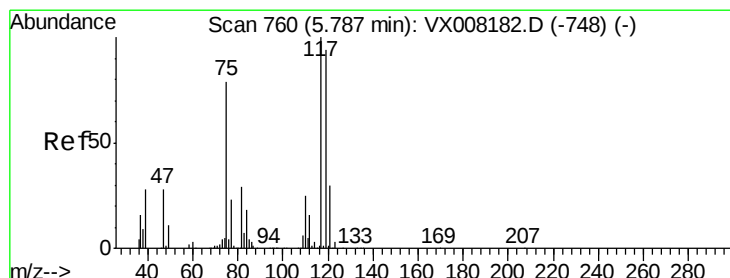
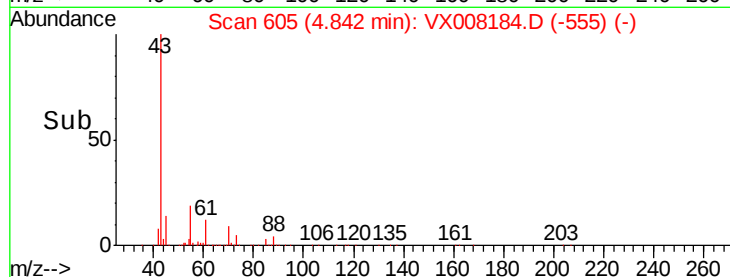
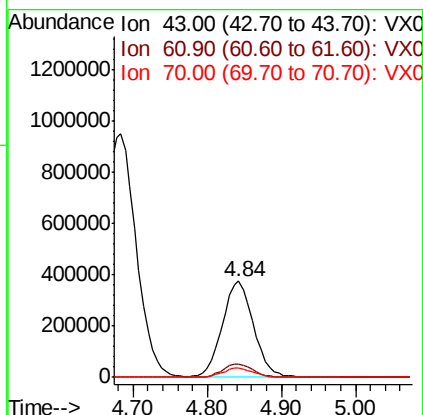
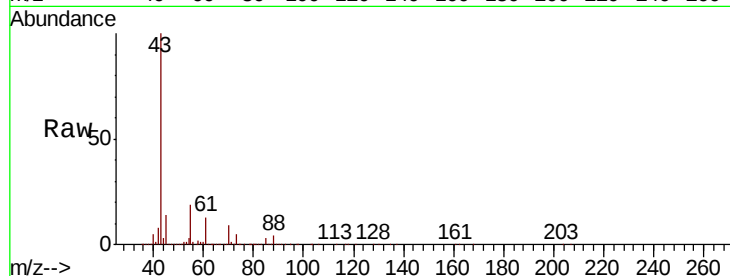




#37
Ethyl Acetate
Concen: 141.407 ug/l
RT: 4.84 min Scan# 605
Delta R.T. 0.01 min
Lab File: VX008184.D
Acq: 19 Mar 2019 11:58

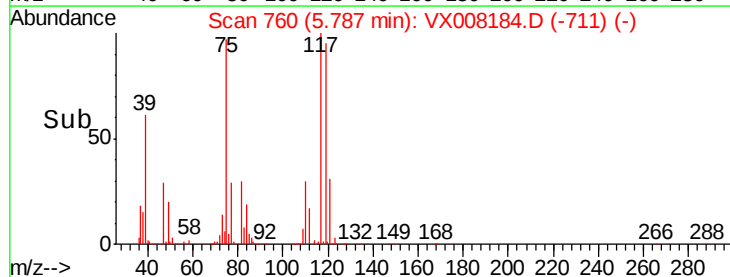
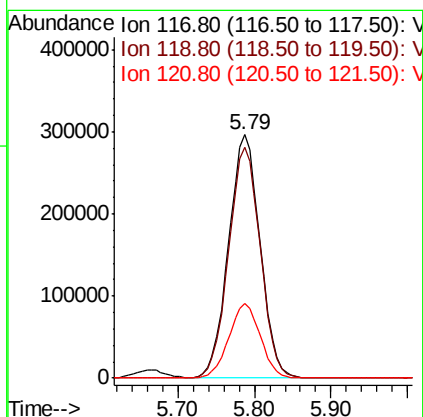
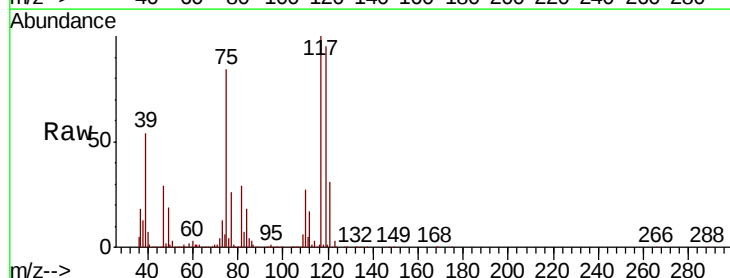
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

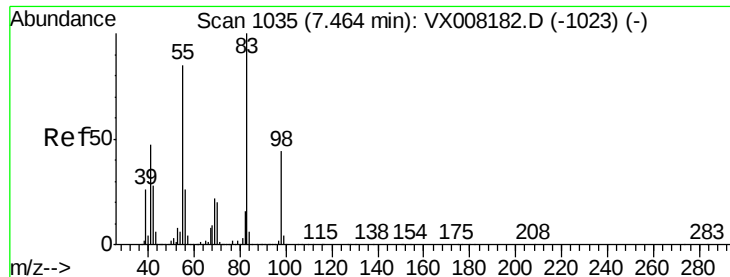
Tgt Ion: 43 Resp: 1089889
Ion Ratio Lower Upper
43 100
61 13.3 11.3 16.9
70 9.7 8.5 12.7



#38
Carbon Tetrachloride
Concen: 148.961 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX008184.D
Acq: 19 Mar 2019 11:58

Tgt Ion: 117 Resp: 842517
Ion Ratio Lower Upper
117 100
119 94.9 76.2 114.2
121 30.6 24.6 36.8

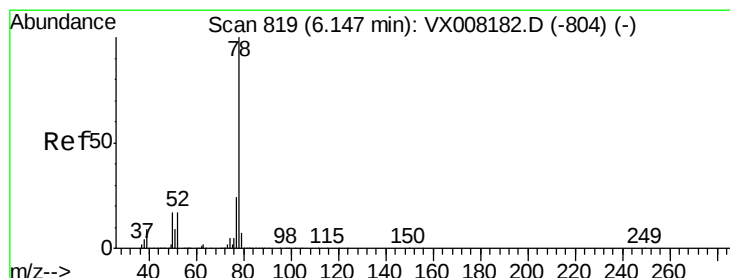
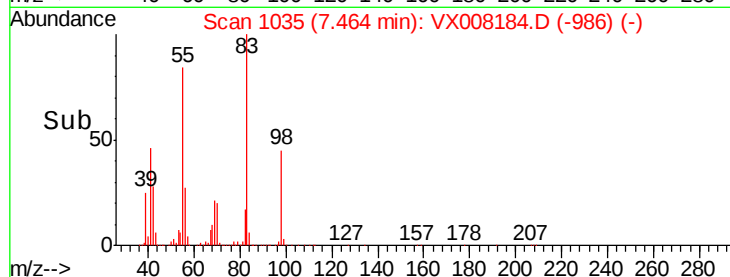
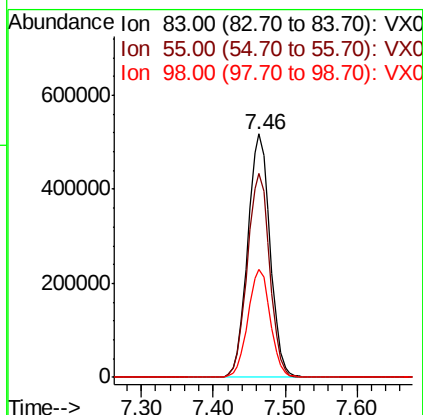
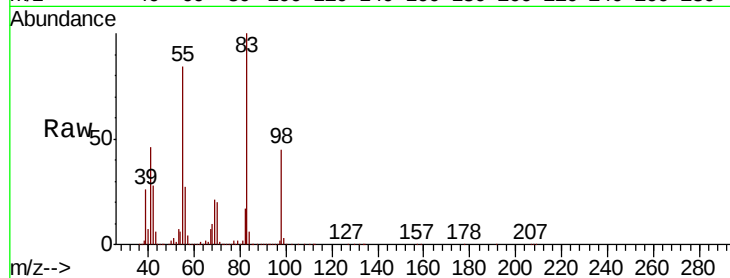




#39
Methylcyclohexane
Concen: 145.787 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX008184.D
Acq: 19 Mar 2019 11:58

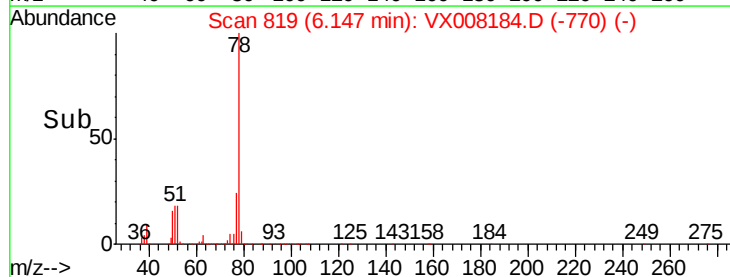
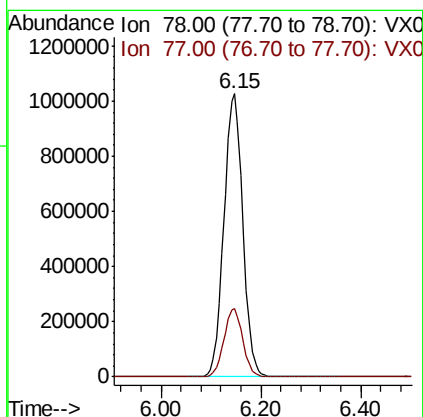
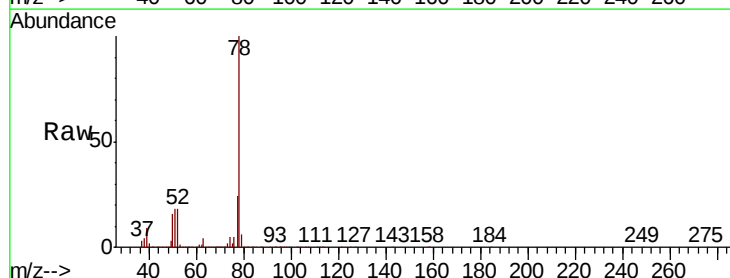
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

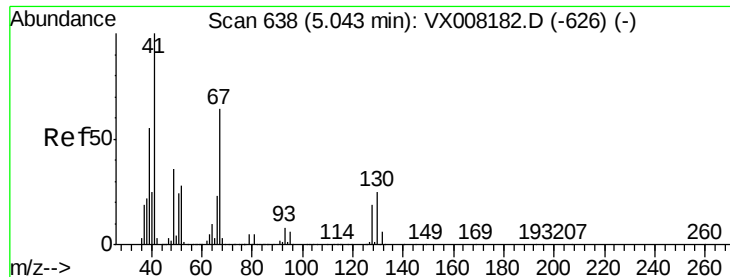
Tgt Ion: 83 Resp: 1115709
Ion Ratio Lower Upper
83 100
55 83.7 60.4 90.6
98 44.5 36.5 54.7



#40
Benzene
Concen: 144.840 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.00 min
Lab File: VX008184.D
Acq: 19 Mar 2019 11:58

Tgt Ion: 78 Resp: 2686290
Ion Ratio Lower Upper
78 100
77 24.0 19.0 28.4

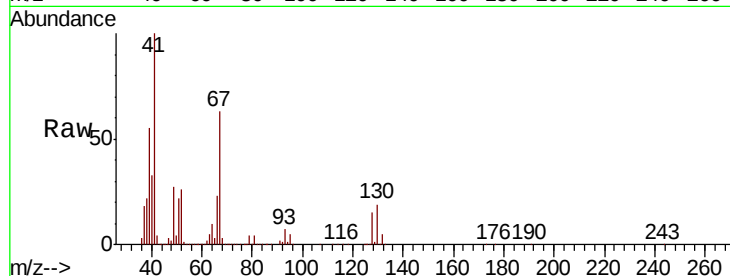




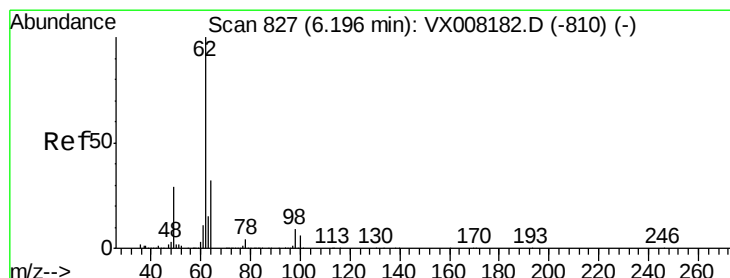
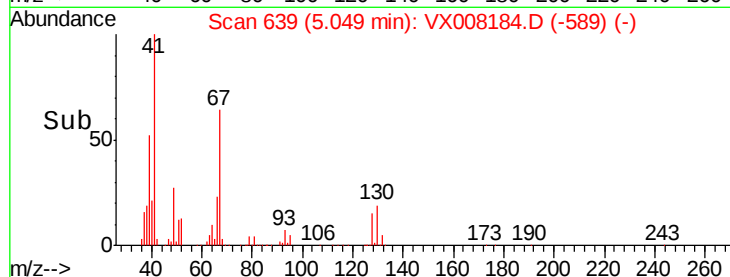
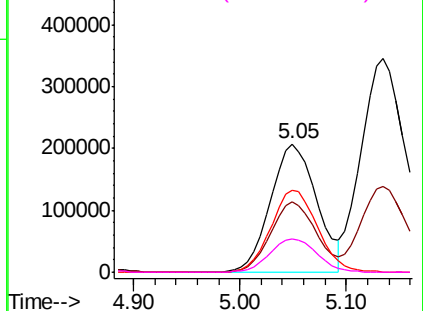
#41
Methacrylonitrile
Concen: 144.296 ug/l
RT: 5.05 min Scan# 639
Delta R.T. 0.01 min
Lab File: VX008184.D
Acq: 19 Mar 2019 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:	41	Resp:	622894
Ion	Ratio	Lower	Upper
41	100		
39	54.2	41.6	62.4
67	64.6	55.8	83.6
52	26.8	21.7	32.5

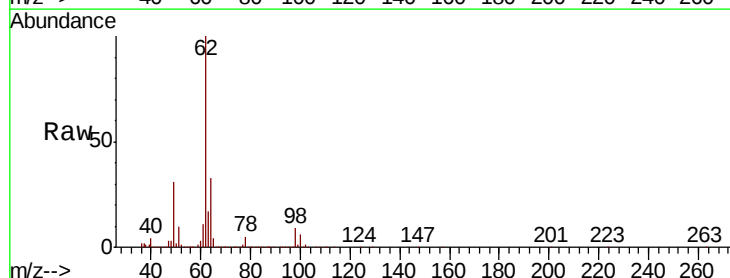


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

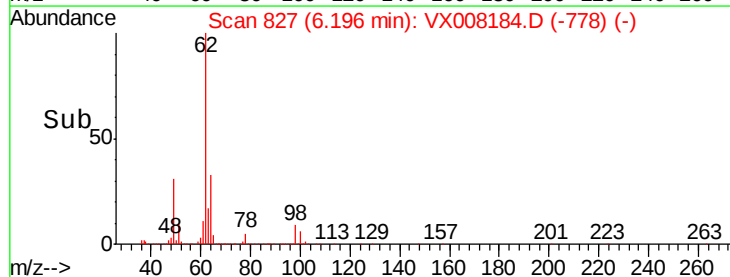
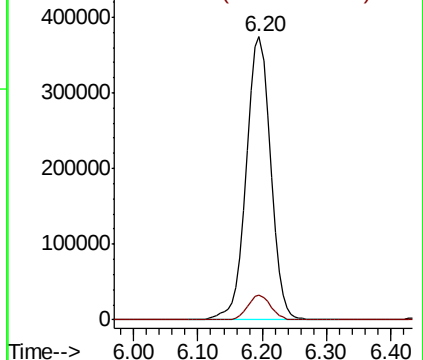


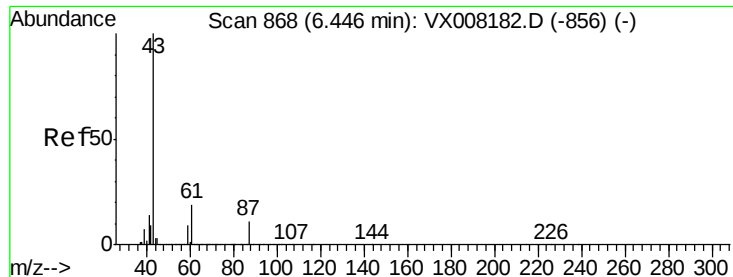
#42
1,2-Dichloroethane
Concen: 144.083 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX008184.D
Acq: 19 Mar 2019 11:58

Tgt Ion:	62	Resp:	966635
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	20.4



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





#43

Isopropyl Acetate

Concen: 145.948 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX008184.D

Acq: 19 Mar 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

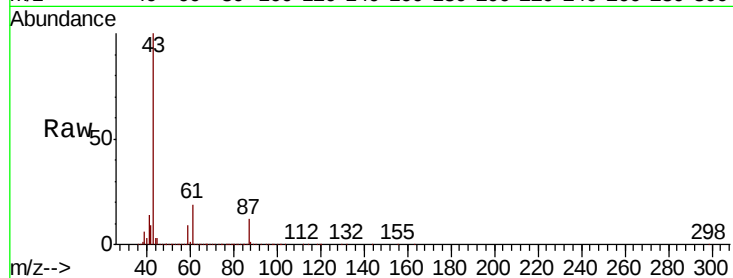
Tgt Ion: 43 Resp: 1801944

Ion Ratio Lower Upper

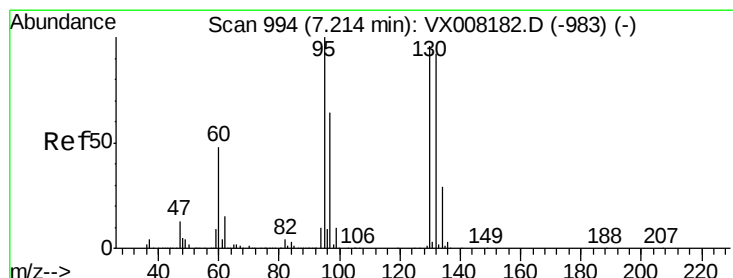
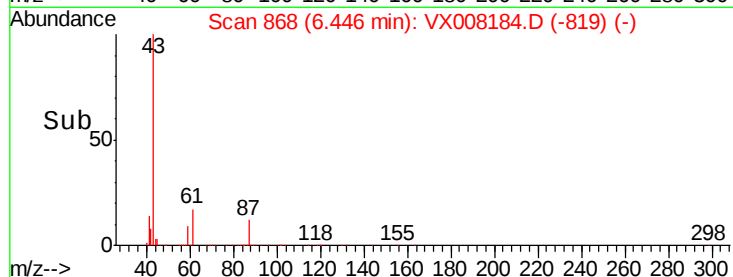
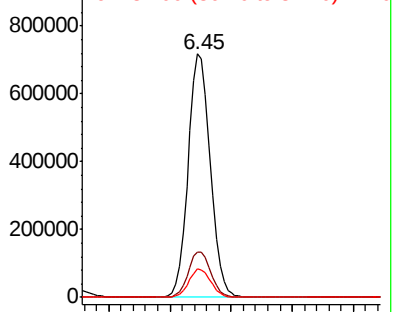
43 100

61 19.0 16.3 24.5

87 11.6 10.5 15.7



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



#44

Trichloroethene

Concen: 146.864 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX008184.D

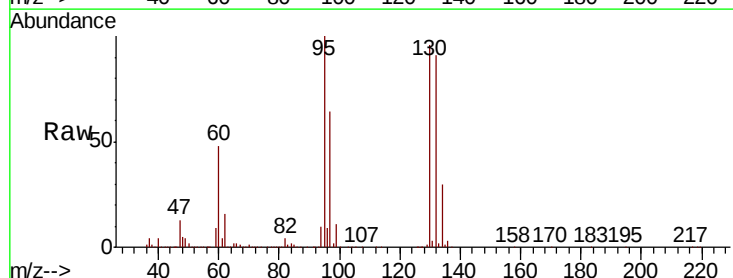
Acq: 19 Mar 2019 11:58

Tgt Ion:130 Resp: 648303

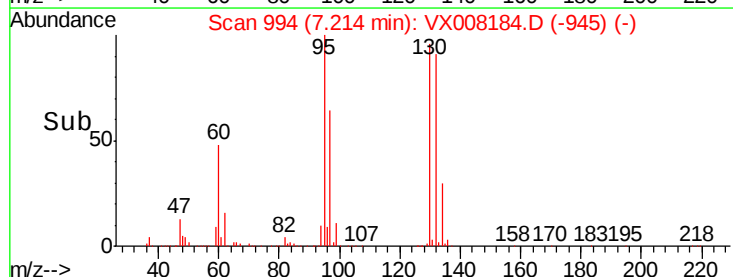
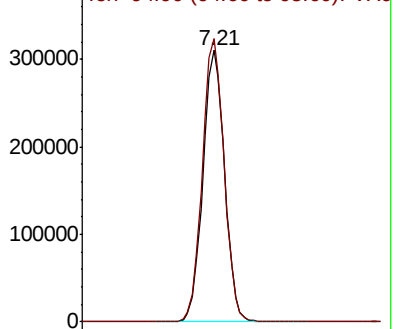
Ion Ratio Lower Upper

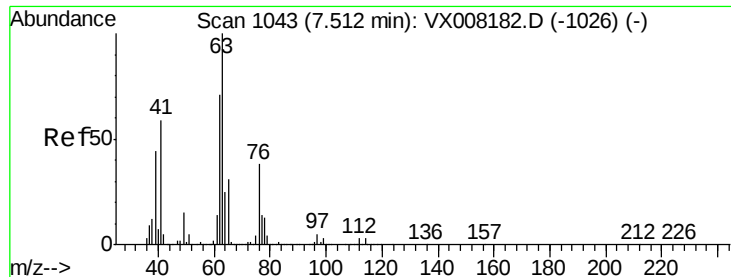
130 100

95 104.1 0.0 188.0



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





#45

1,2-Dichloropropane

Concen: 147.736 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX008184.D

Acq: 19 Mar 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

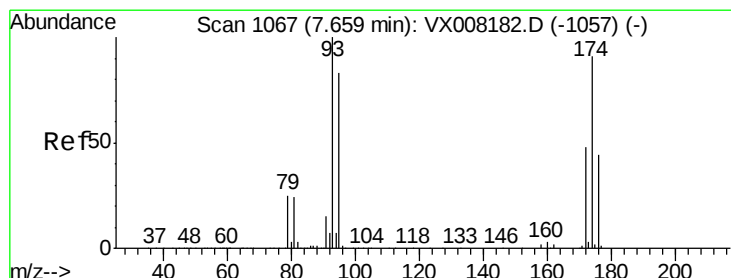
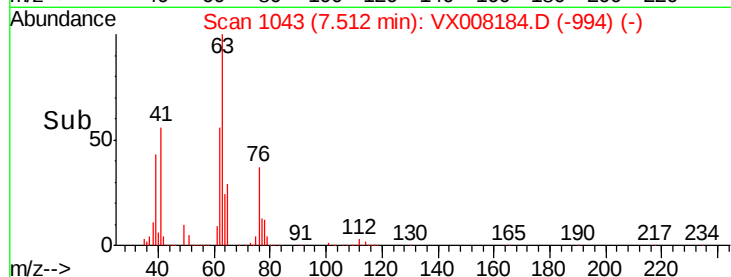
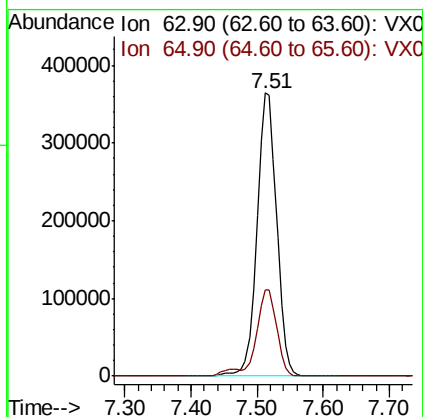
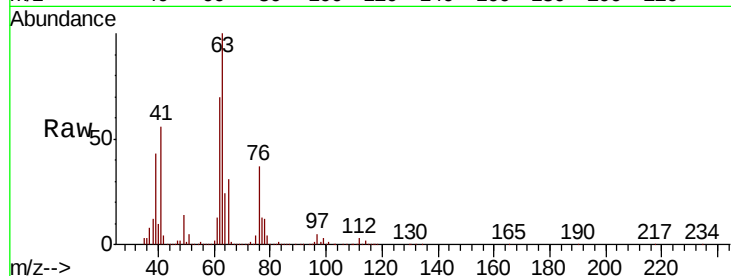
VSTDIC150

Tgt Ion: 63 Resp: 753520

Ion Ratio Lower Upper

63 100

65 30.6 24.7 37.1



#46

Dibromomethane

Concen: 145.200 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX008184.D

Acq: 19 Mar 2019 11:58

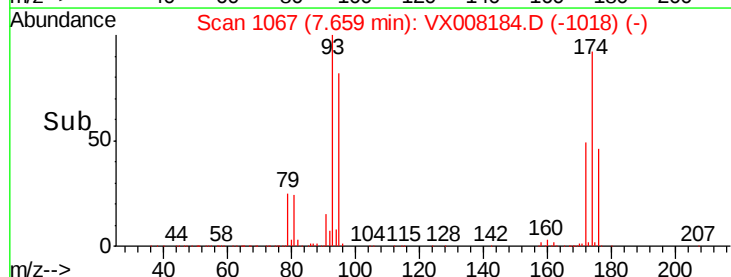
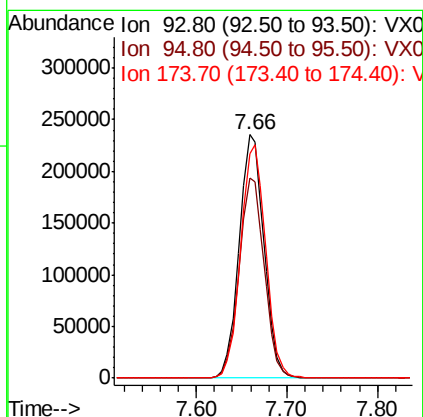
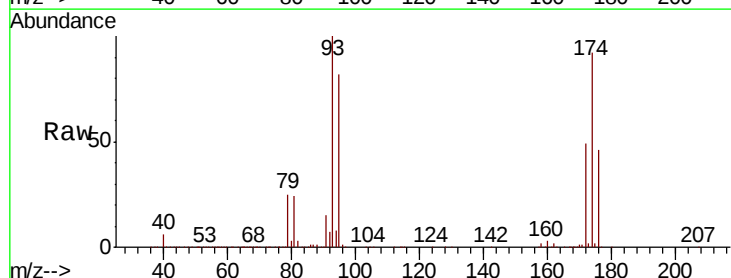
Tgt Ion: 93 Resp: 446975

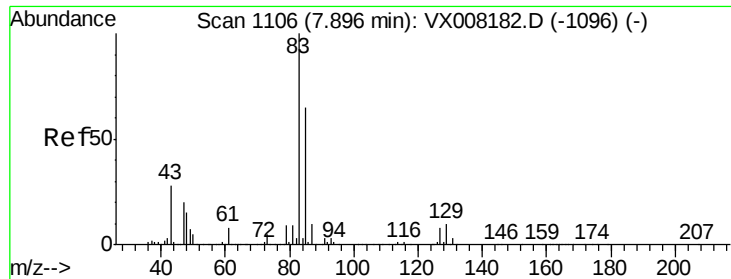
Ion Ratio Lower Upper

93 100

95 83.1 66.8 100.2

174 96.5 97.3 145.9#





#47

Bromodichloromethane

Concen: 148.249 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX008184.D

Acq: 19 Mar 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

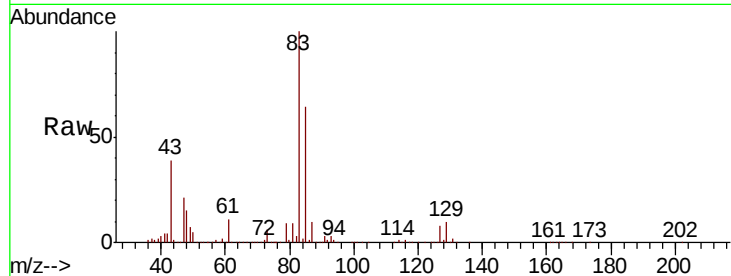
Tgt Ion: 83 Resp: 903471

Ion Ratio Lower Upper

83 100

85 63.9 50.9 76.3

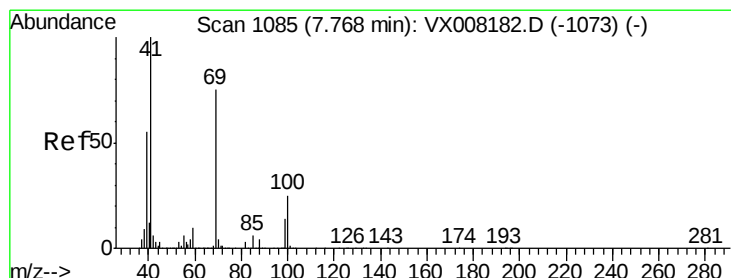
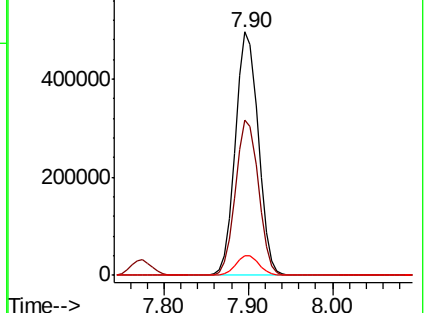
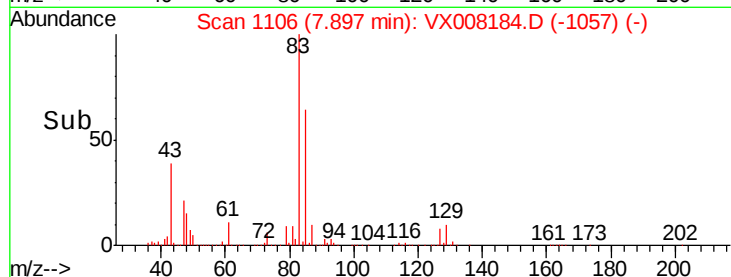
127 8.0 7.4 11.0



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: 144.009 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.01 min

Lab File: VX008184.D

Acq: 19 Mar 2019 11:58

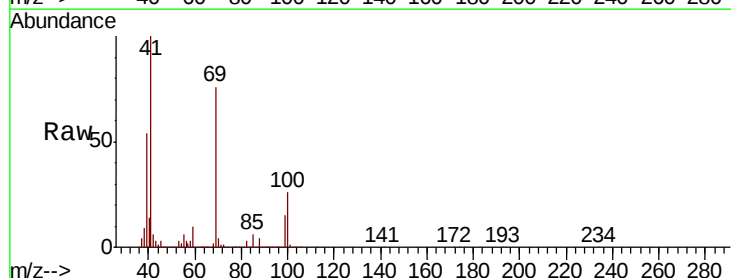
Tgt Ion: 41 Resp: 935207

Ion Ratio Lower Upper

41 100

69 75.0 65.2 97.8

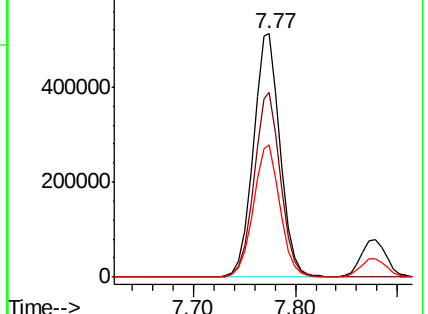
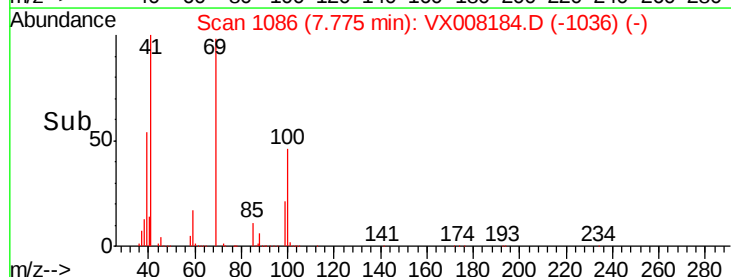
39 54.1 39.4 59.2

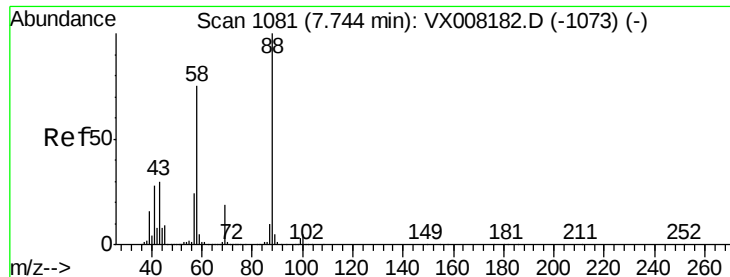


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

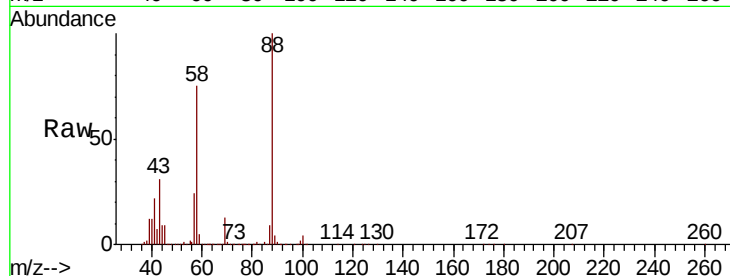




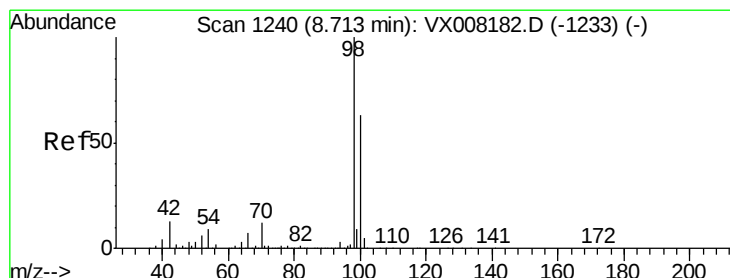
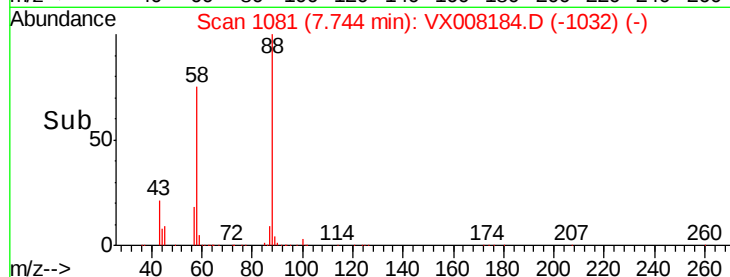
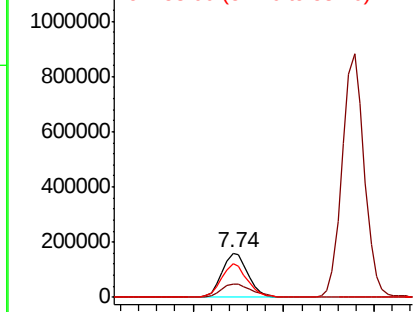
#49
 1,4-Dioxane
 Concen: 2977.112 ug/l
 RT: 7.74 min Scan# 1081
 Delta R.T. 0.00 min
 Lab File: VX008184.D
 Acq: 19 Mar 2019 11:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion: 88 Resp: 317255
 Ion Ratio Lower Upper
 88 100
 43 36.5 25.1 37.7
 58 76.3 57.8 86.6

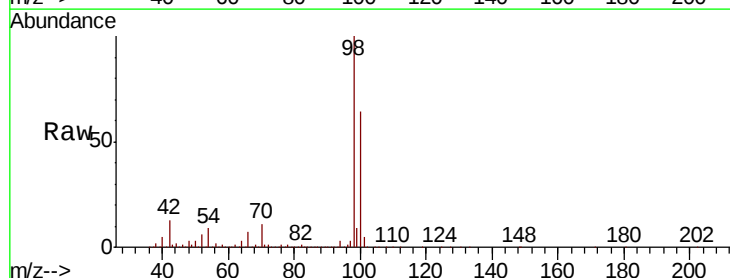


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

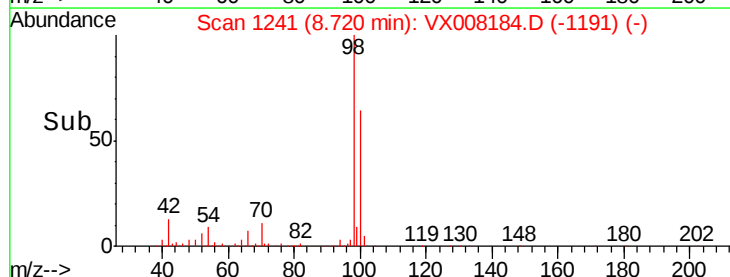
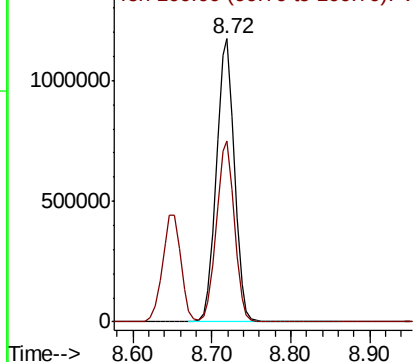


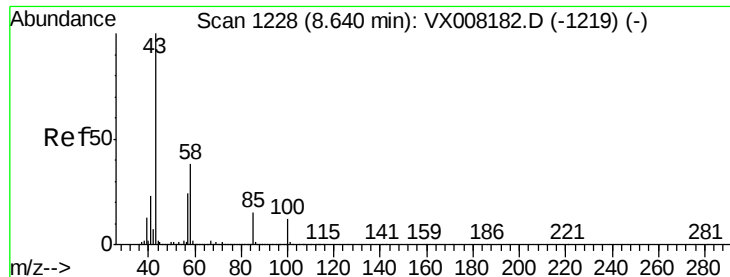
#50
 Toluene-d8
 Concen: 141.704 ug/l
 RT: 8.72 min Scan# 1241
 Delta R.T. 0.01 min
 Lab File: VX008184.D
 Acq: 19 Mar 2019 11:58

Tgt Ion: 98 Resp: 1857598
 Ion Ratio Lower Upper
 98 100
 100 63.9 51.7 77.5



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

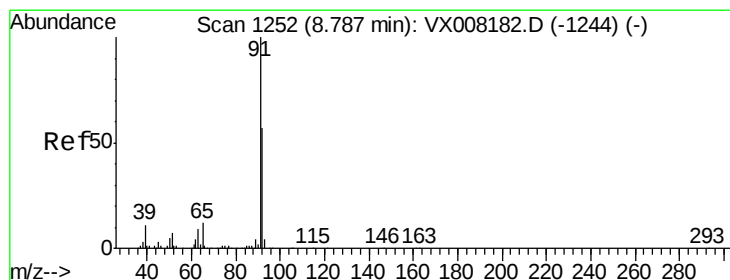
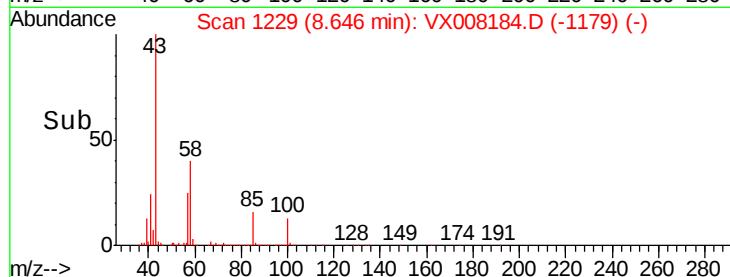
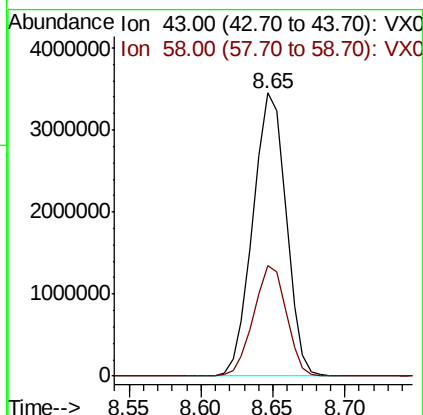
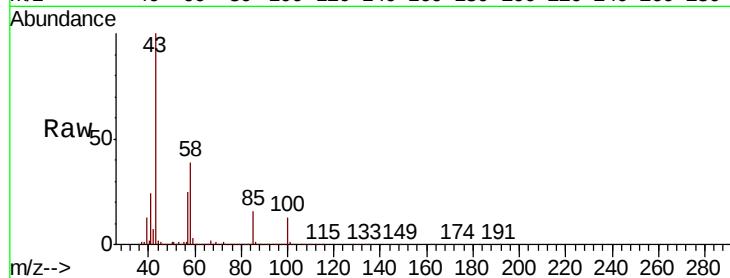




#51
 4-Methyl-2-Pentanone
 Concen: 701.234 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. 0.01 min
 Lab File: VX008184.D
 Acq: 19 Mar 2019 11:58

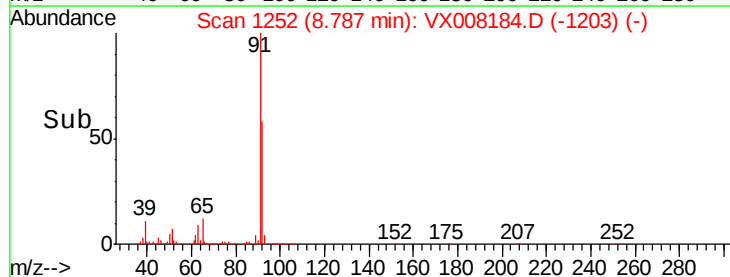
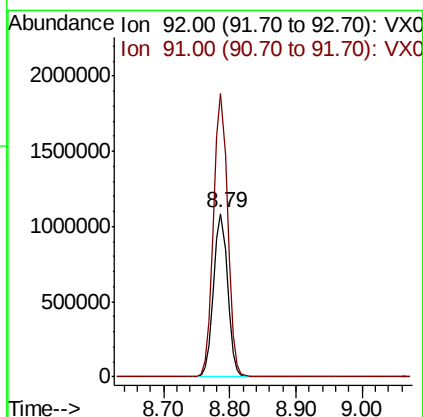
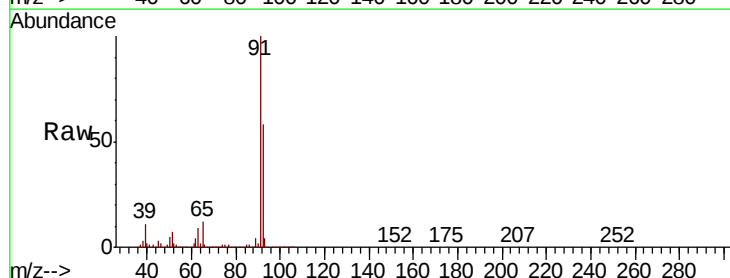
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

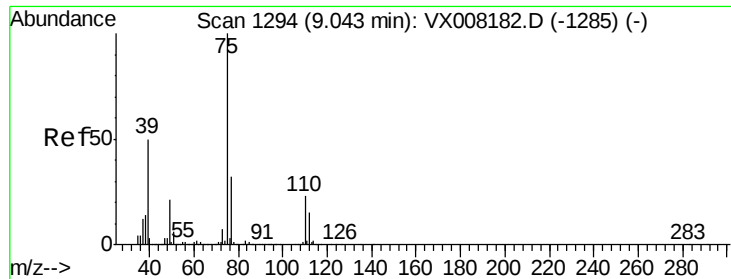
Tgt Ion: 43 Resp: 5519765
 Ion Ratio Lower Upper
 43 100
 58 38.5 31.3 46.9



#52
 Toluene
 Concen: 145.735 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: VX008184.D
 Acq: 19 Mar 2019 11:58

Tgt Ion: 92 Resp: 1590685
 Ion Ratio Lower Upper
 92 100
 91 174.1 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 150.821 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX008184.D

Acq: 19 Mar 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

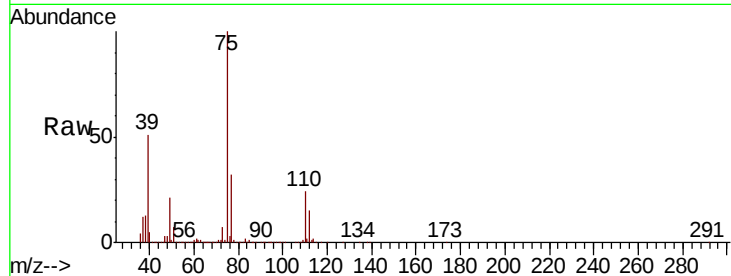
VSTDIC150

Tgt Ion: 75 Resp: 1060875

Ion Ratio Lower Upper

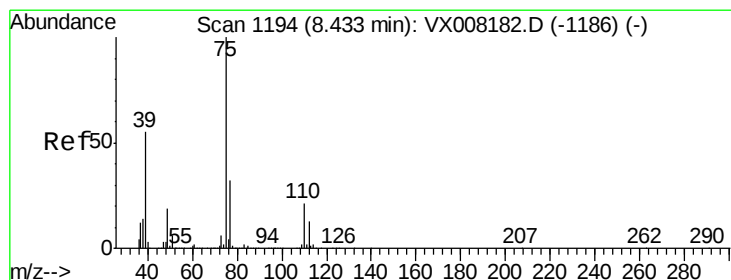
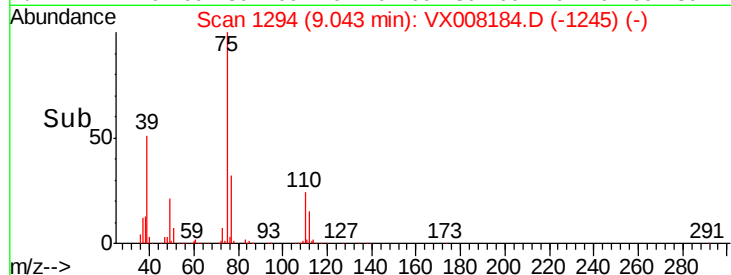
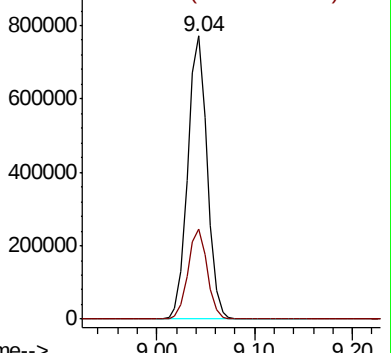
75 100

77 32.0 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: 149.955 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. 0.01 min

Lab File: VX008184.D

Acq: 19 Mar 2019 11:58

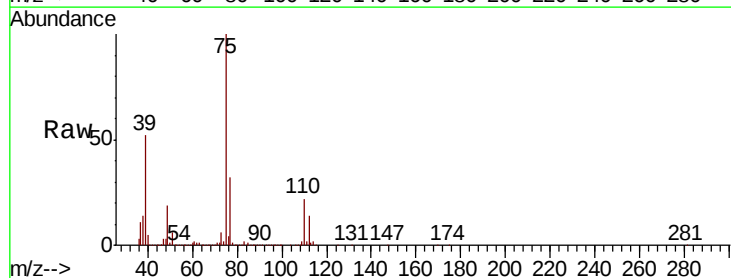
Tgt Ion: 75 Resp: 1152352

Ion Ratio Lower Upper

75 100

77 32.2 25.0 37.6

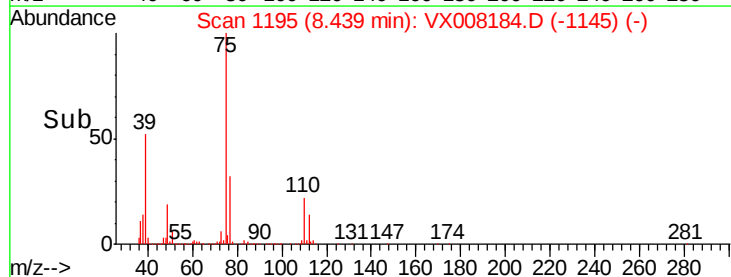
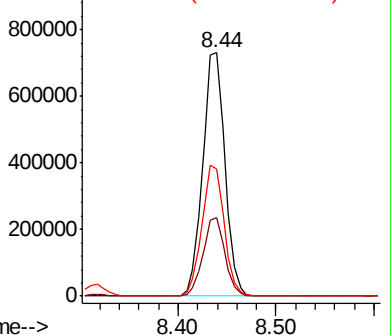
39 52.1 36.6 54.8

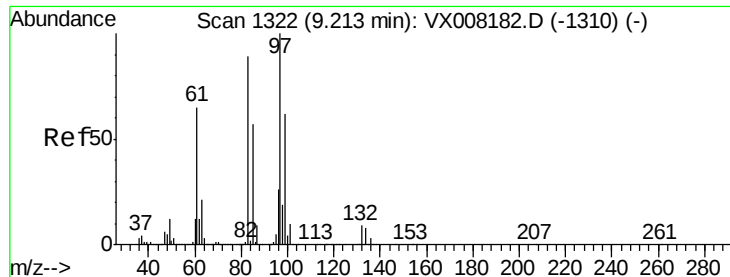


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

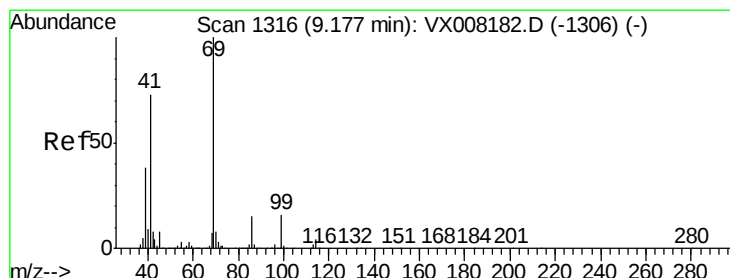
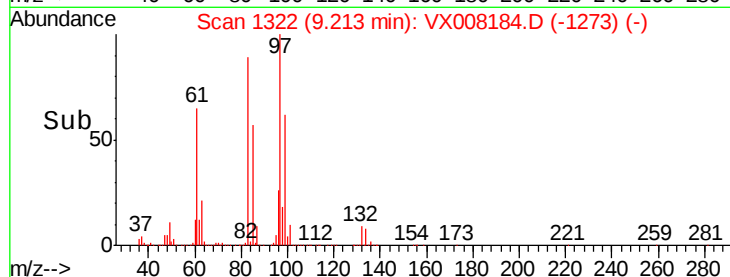
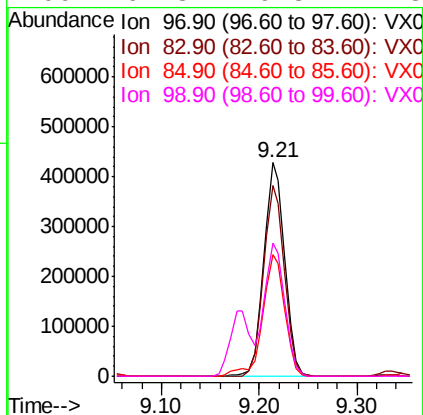
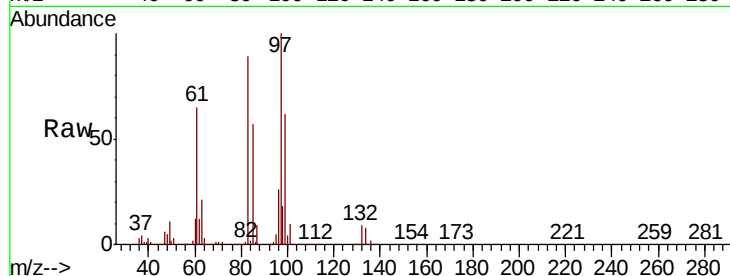




#55
 1,1,2-Trichloroethane
 Concen: 140.389 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX008184.D
 Acq: 19 Mar 2019 11:58

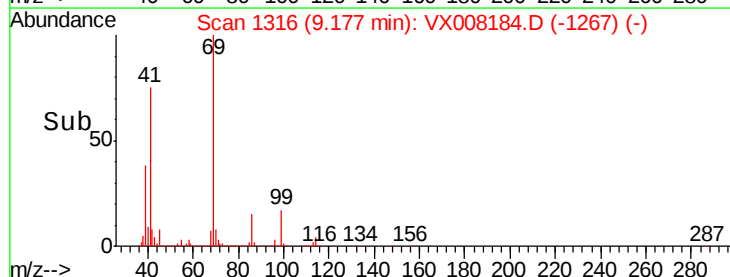
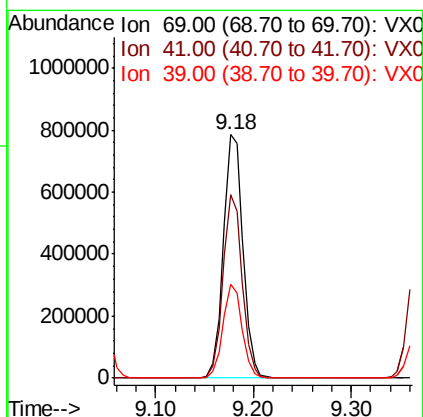
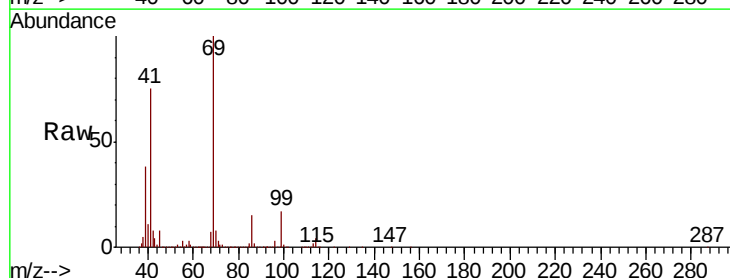
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion:	97	Resp:	631408
Ion	Ratio	Lower	Upper
97	100		
83	89.4	69.1	103.7
85	56.9	44.3	66.5
99	62.3	49.8	74.8



#56
 Ethyl methacrylate
 Concen: 144.348 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX008184.D
 Acq: 19 Mar 2019 11:58

Tgt Ion:	69	Resp:	1087751
Ion	Ratio	Lower	Upper
69	100		
41	73.8	54.2	81.4
39	37.7	25.0	37.4#





#57

1,3-Dichloropropane

Concen: 141.398 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX008184.D

Acq: 19 Mar 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

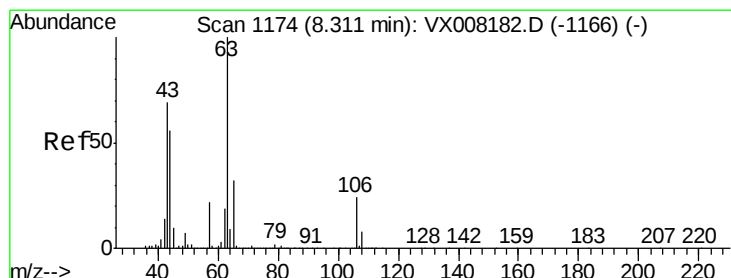
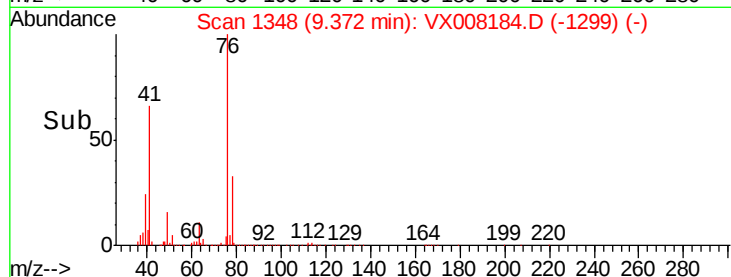
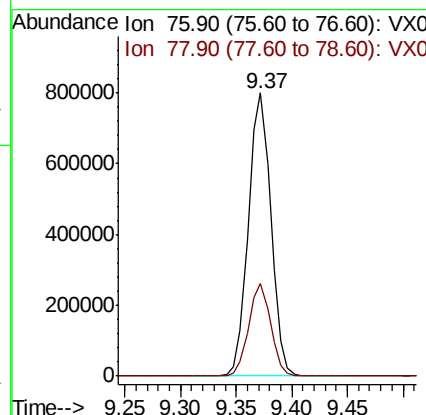
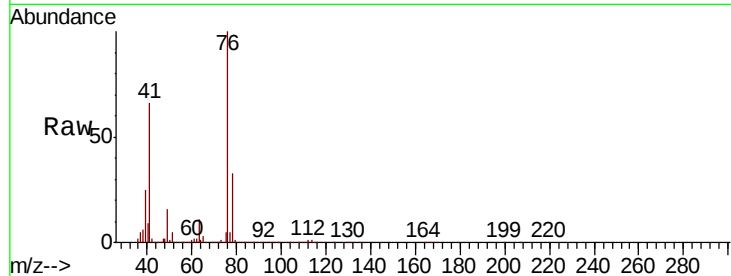
VSTDIC150

Tgt Ion: 76 Resp: 1122958

Ion Ratio Lower Upper

76 100

78 32.0 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 729.140 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. 0.01 min

Lab File: VX008184.D

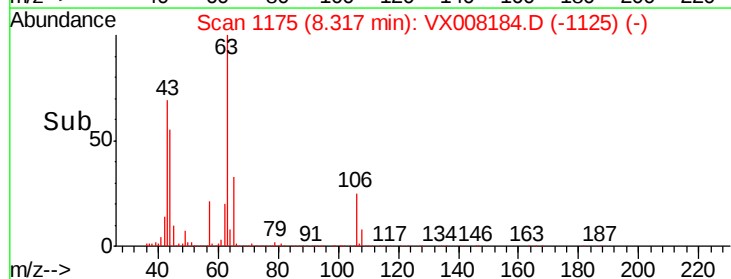
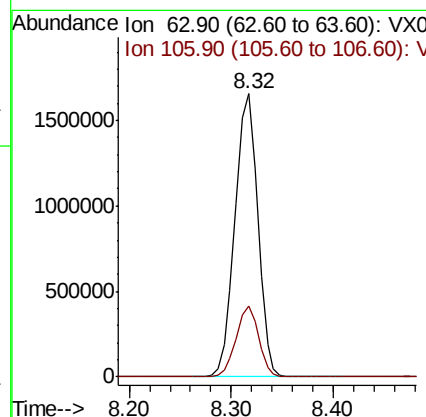
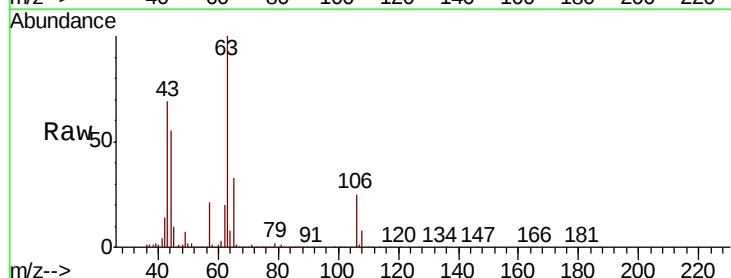
Acq: 19 Mar 2019 11:58

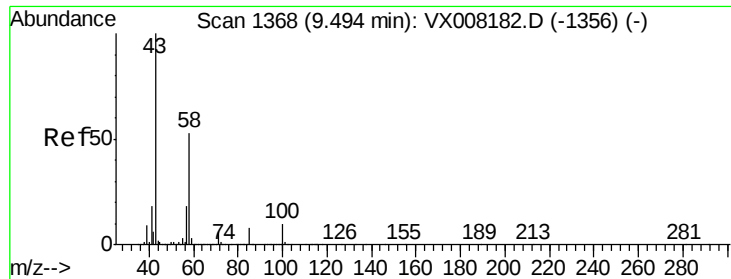
Tgt Ion: 63 Resp: 2556649

Ion Ratio Lower Upper

63 100

106 24.5 22.2 33.2

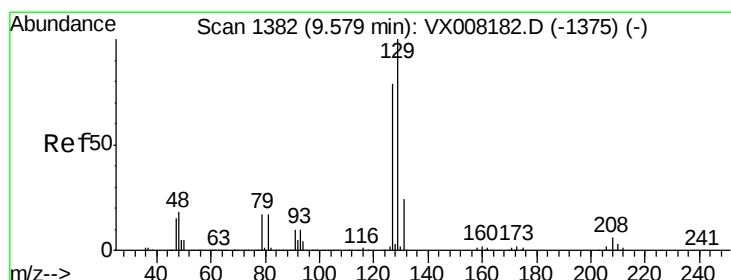
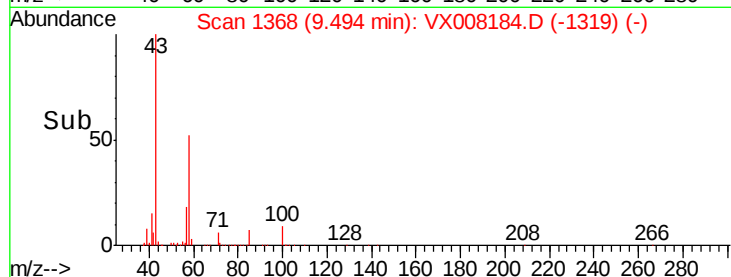
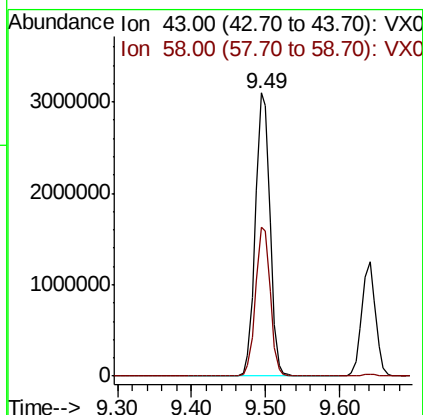
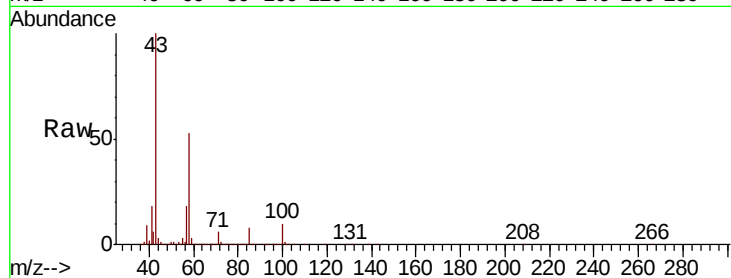




#59
2-Hexanone
Concen: 712.606 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX008184.D
Acq: 19 Mar 2019 11:58

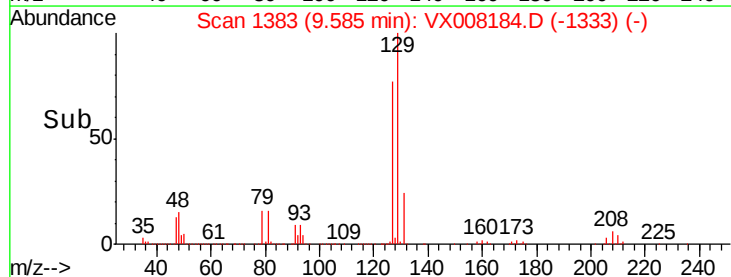
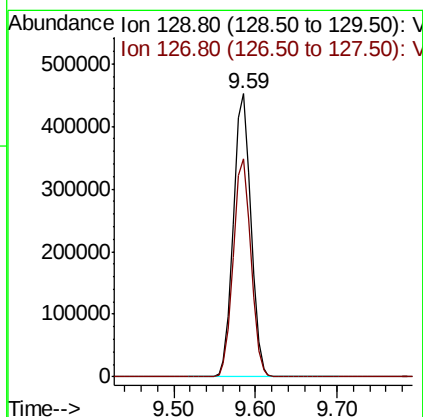
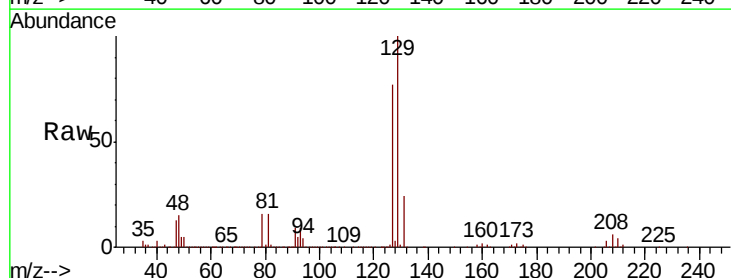
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

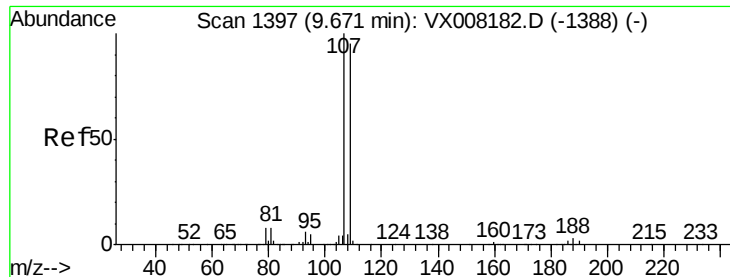
Tgt Ion: 43 Resp: 4276070
Ion Ratio Lower Upper
43 100
58 52.9 27.6 82.7



#60
Dibromochloromethane
Concen: 147.722 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX008184.D
Acq: 19 Mar 2019 11:58

Tgt Ion: 129 Resp: 659001
Ion Ratio Lower Upper
129 100
127 77.5 38.3 114.8





#61

1,2-Dibromoethane

Concen: 141.160 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX008184.D

Acq: 19 Mar 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

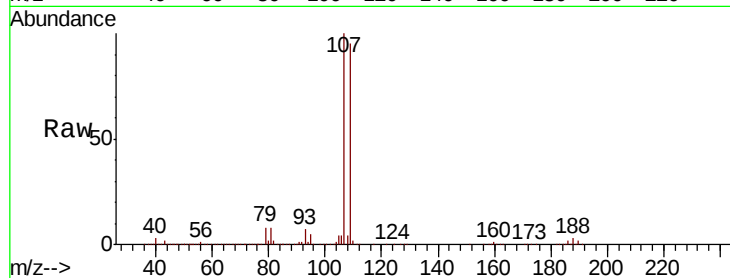
VSTDIC150

Tgt Ion: 107 Resp: 659714

Ion Ratio Lower Upper

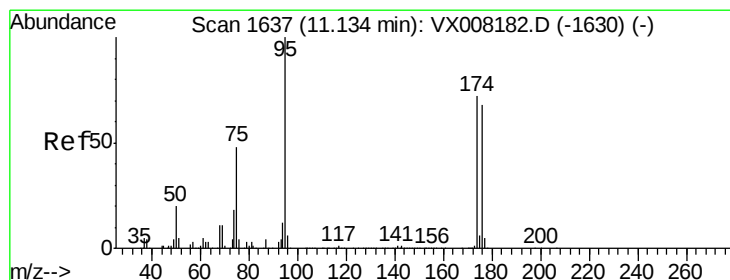
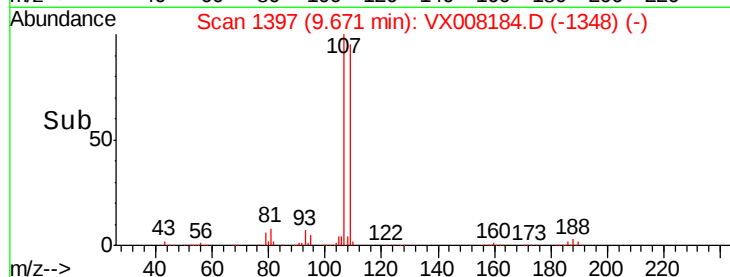
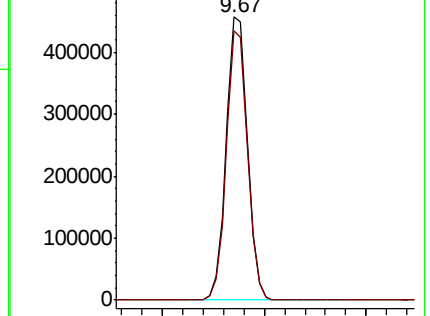
107 100

109 94.7 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 145.087 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.01 min

Lab File: VX008184.D

Acq: 19 Mar 2019 11:58

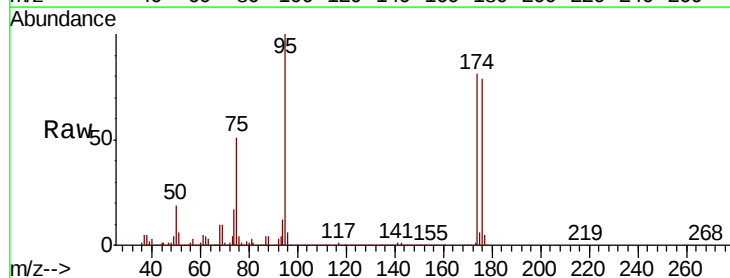
Tgt Ion: 95 Resp: 666276

Ion Ratio Lower Upper

95 100

174 77.5 0.0 182.8

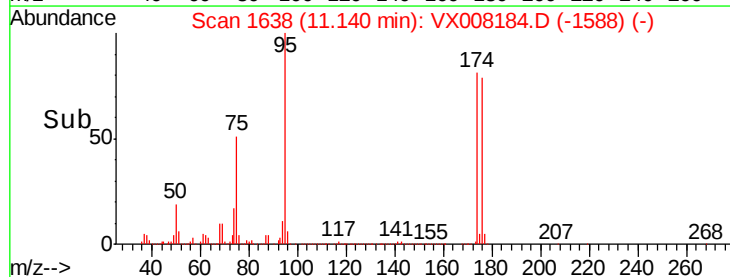
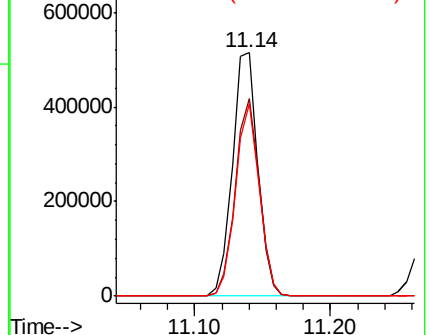
176 74.7 0.0 178.0

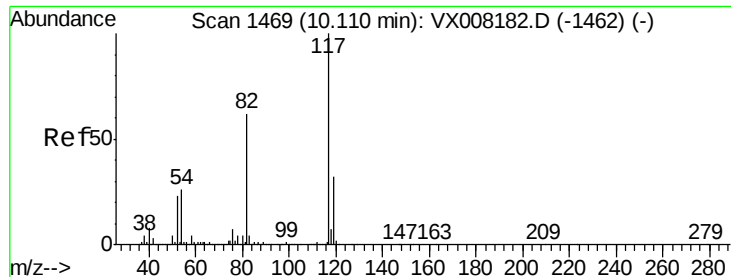


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

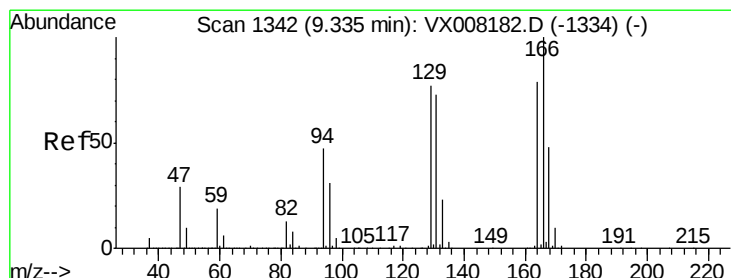
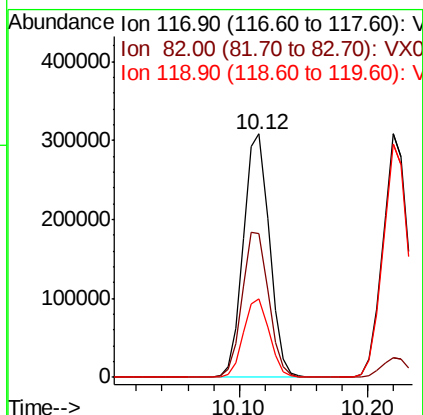
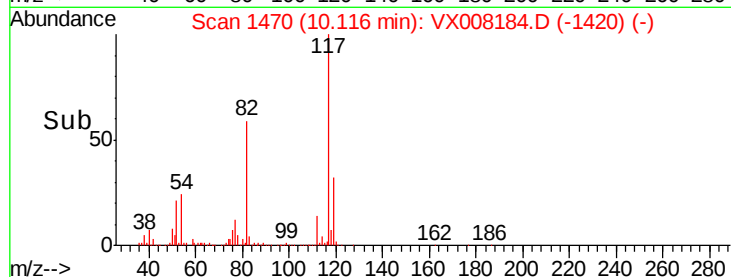
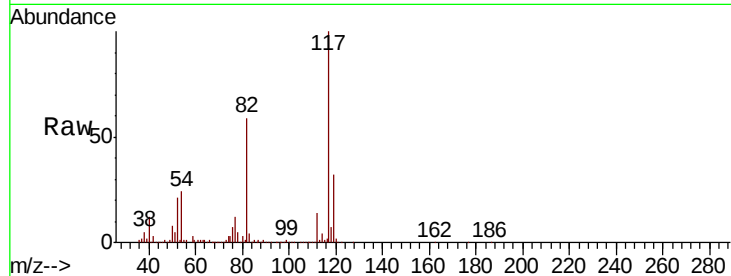




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX008184.D
Acq: 19 Mar 2019 11:58

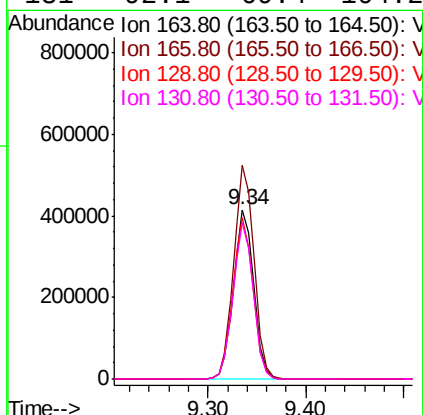
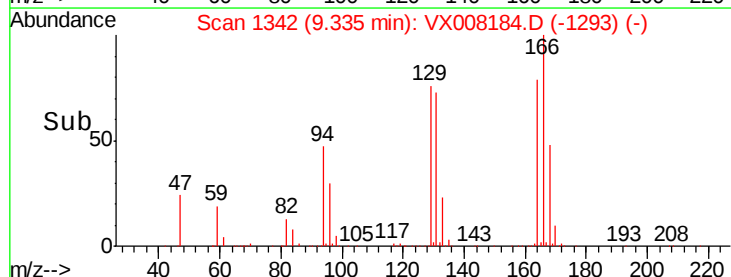
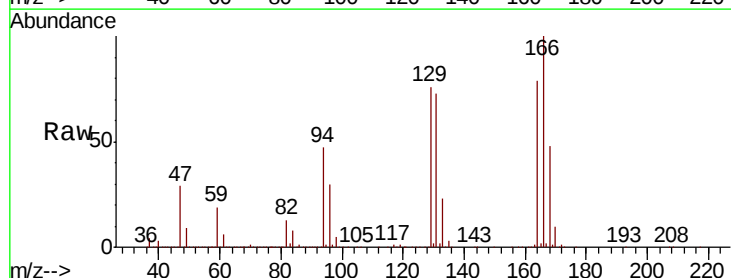
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

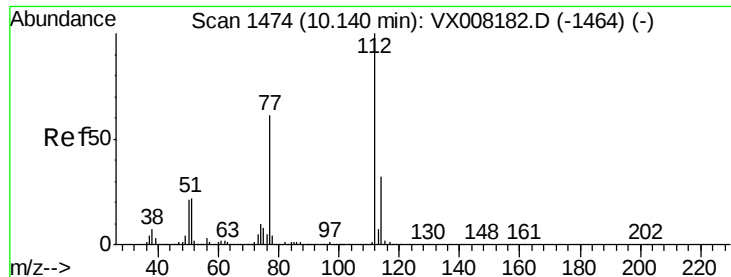
Tgt Ion:117 Resp: 429306
Ion Ratio Lower Upper
117 100
82 59.2 44.3 66.5
119 32.3 25.3 37.9



#64
Tetrachloroethene
Concen: 143.408 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX008184.D
Acq: 19 Mar 2019 11:58

Tgt Ion:164 Resp: 591934
Ion Ratio Lower Upper
164 100
166 126.1 103.4 155.0
129 95.4 72.2 108.4
131 92.1 69.4 104.2

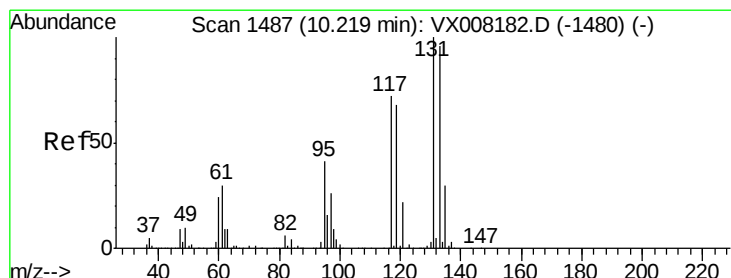
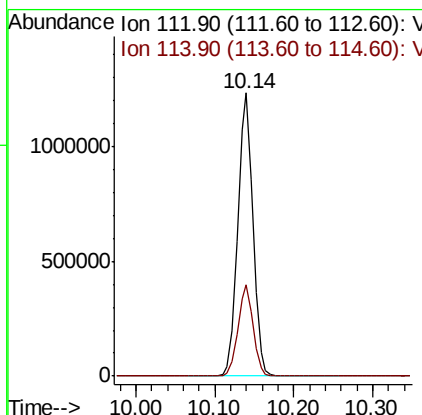
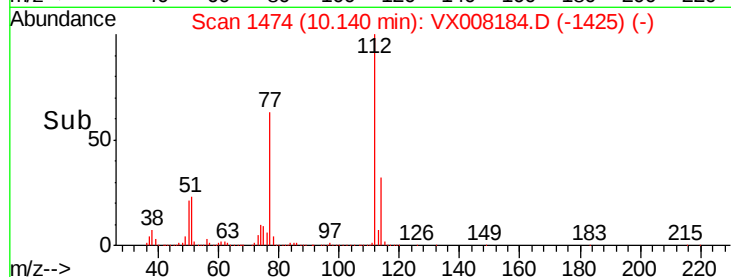
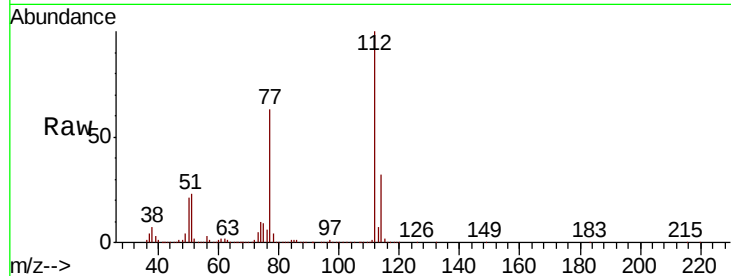




#65
Chlorobenzene
Concen: 145.556 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX008184.D
Acq: 19 Mar 2019 11:58

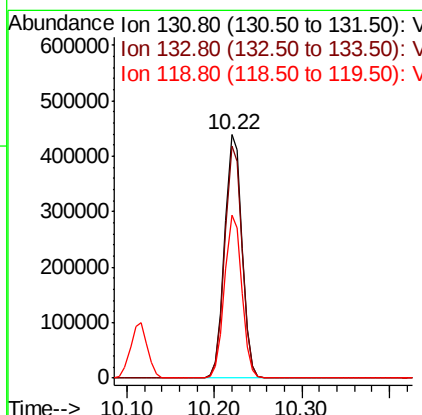
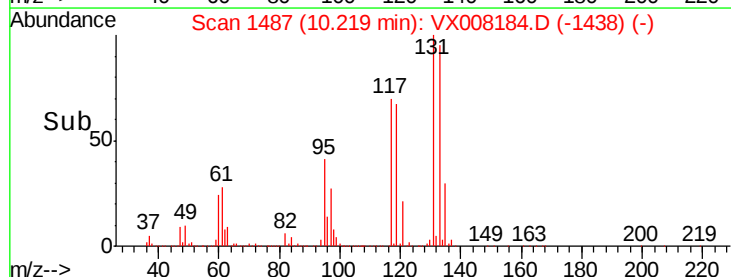
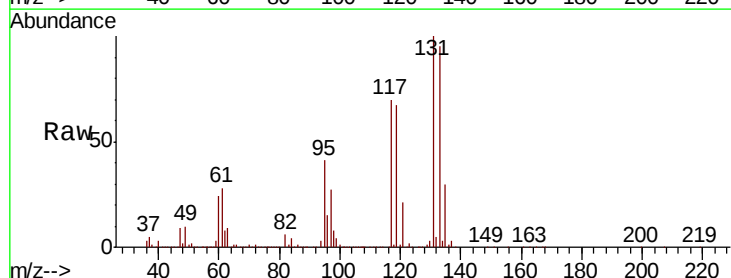
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

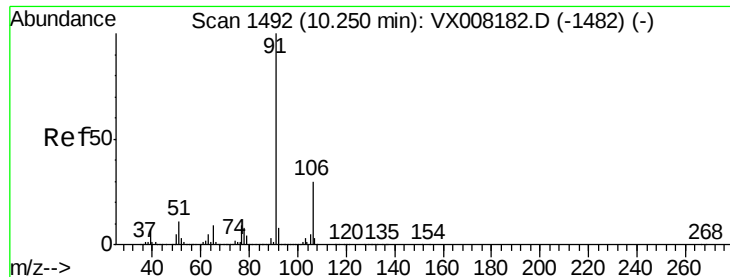
Tgt Ion:112 Resp: 1649200
Ion Ratio Lower Upper
112 100
114 32.4 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 147.038 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX008184.D
Acq: 19 Mar 2019 11:58

Tgt Ion:131 Resp: 597230
Ion Ratio Lower Upper
131 100
133 95.6 47.8 143.3
119 67.1 32.5 97.5





#67

Ethyl Benzene

Concen: 146.433 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX008184.D

Acq: 19 Mar 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

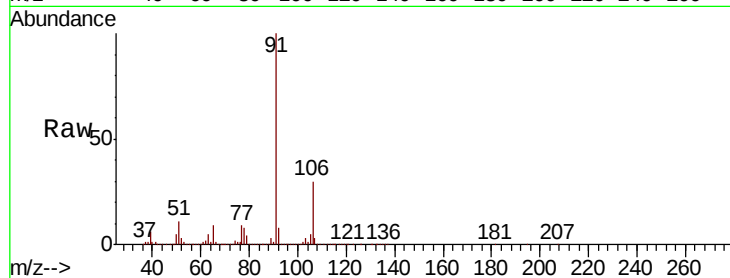
VSTDIC150

Tgt Ion: 91 Resp: 3020827

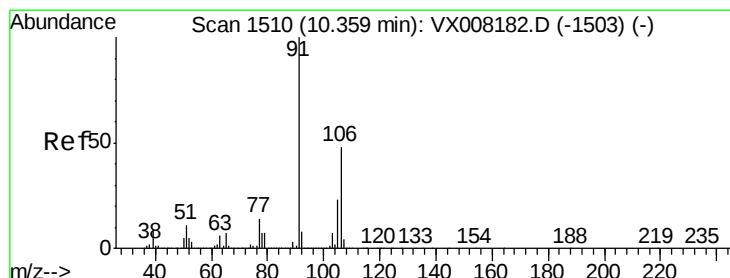
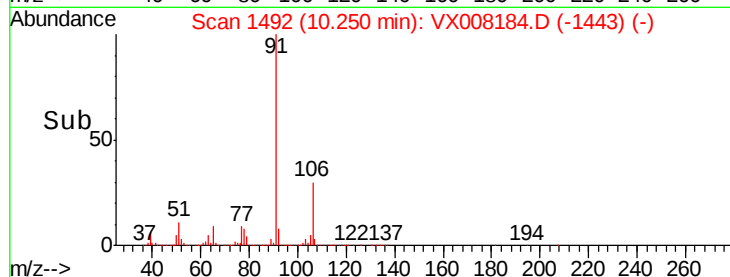
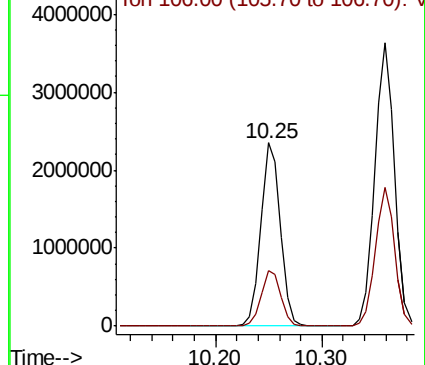
Ion Ratio Lower Upper

91 100

106 30.2 25.2 37.8



Abundance Ion 91.00 (90.70 to 91.70): VX008184.D (-1482) (-)



#68

m/p-Xylenes

Concen: 299.769 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX008184.D

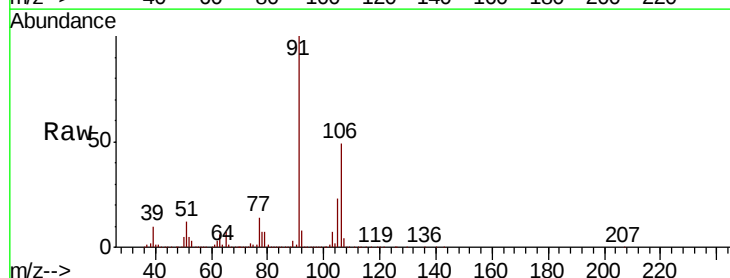
Acq: 19 Mar 2019 11:58

Tgt Ion: 106 Resp: 2268537

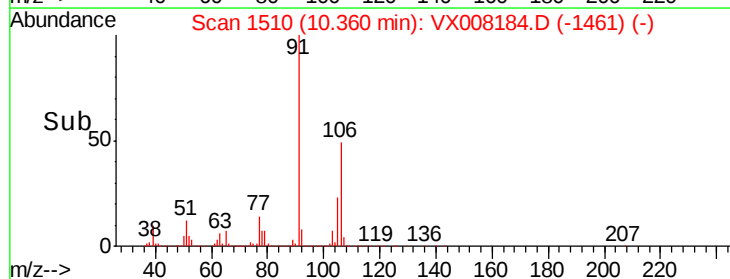
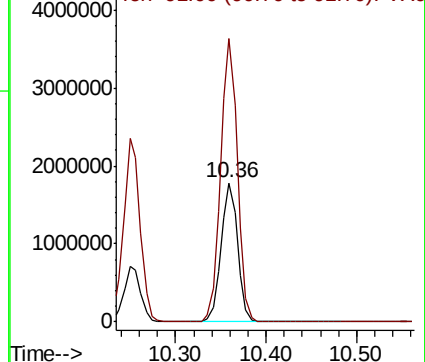
Ion Ratio Lower Upper

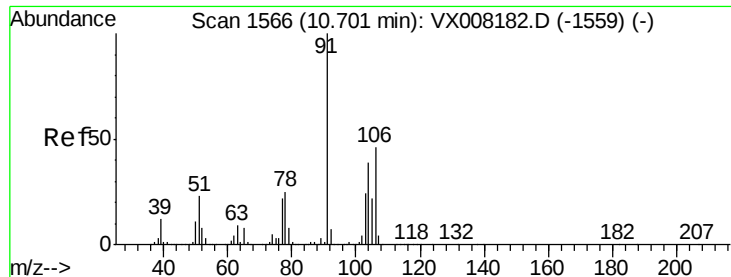
106 100

91 206.5 159.8 239.6



Abundance Ion 106.00 (105.70 to 106.70): VX008184.D (-1503) (-)

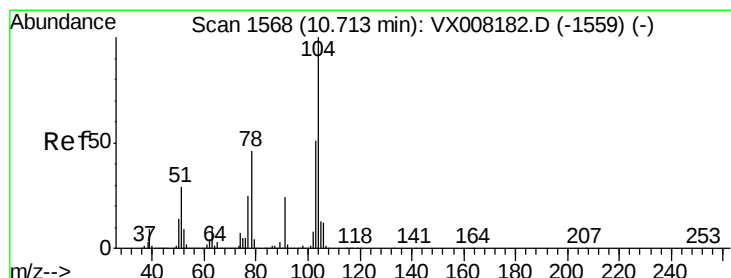
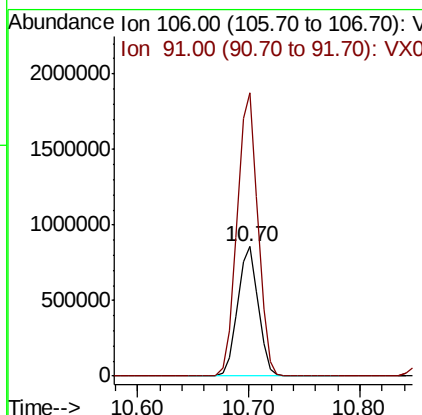
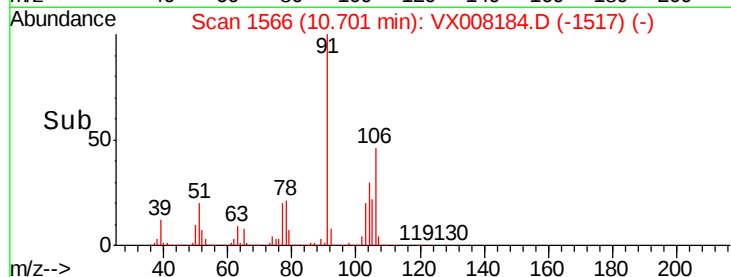
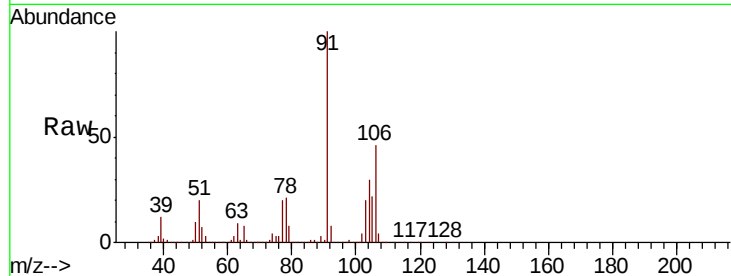




#69
o-Xylene
Concen: 148.740 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX008184.D
Acq: 19 Mar 2019 11:58

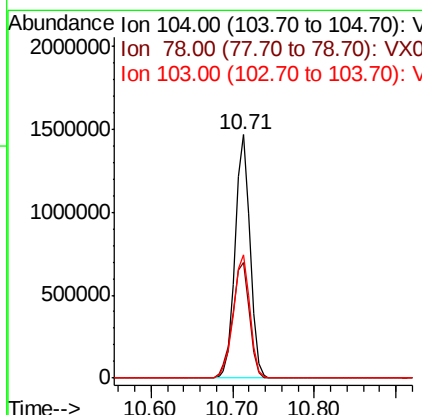
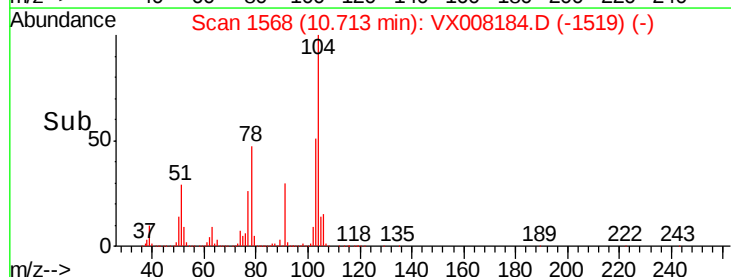
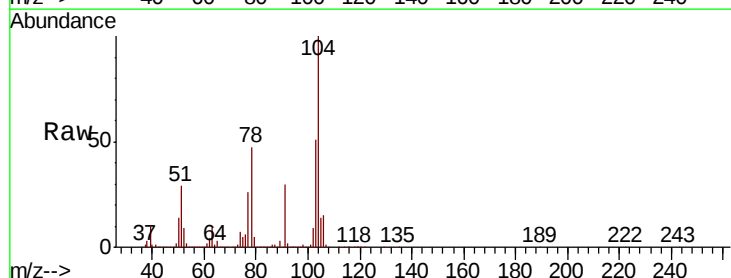
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

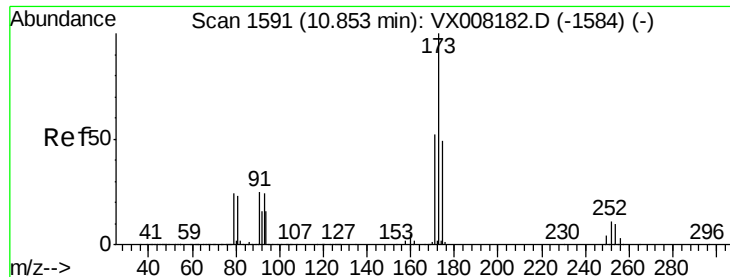
Tgt Ion:106 Resp: 1096821
Ion Ratio Lower Upper
106 100
91 220.2 106.3 318.9



#70
Styrene
Concen: 150.290 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX008184.D
Acq: 19 Mar 2019 11:58

Tgt Ion:104 Resp: 1813813
Ion Ratio Lower Upper
104 100
78 53.9 38.5 57.7
103 56.0 44.1 66.1





#71

Bromoform

Concen: 157.664 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.01 min

Lab File: VX008184.D

Acq: 19 Mar 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

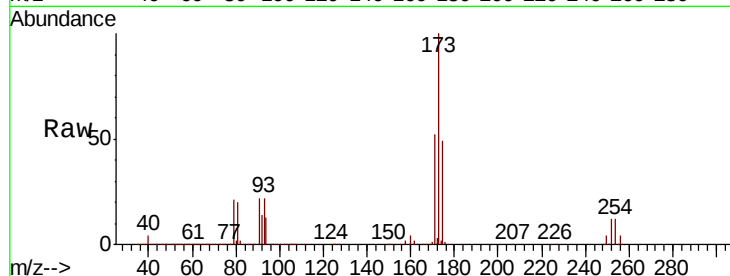
Tgt Ion:173 Resp: 499333

Ion Ratio Lower Upper

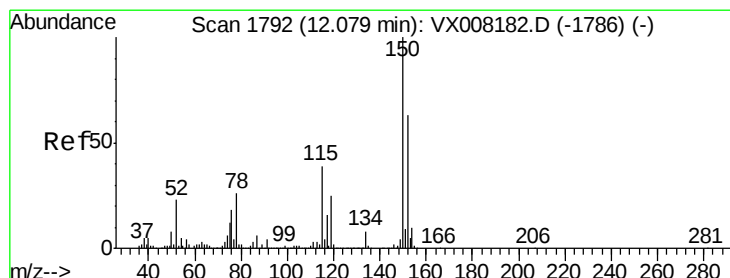
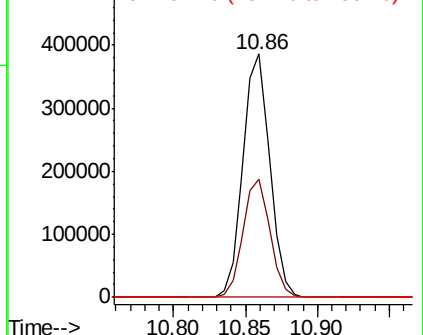
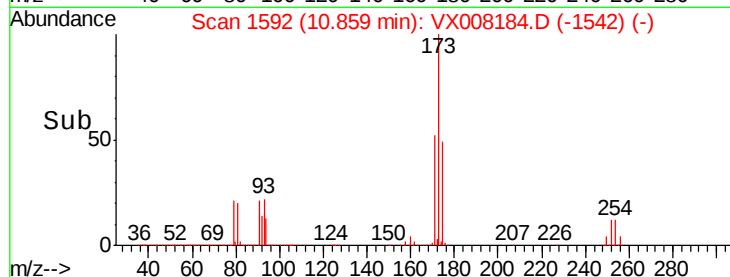
173 100

175 48.9 24.3 72.9

254 0.2 0.1 0.1#



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: VX008184.D

Acq: 19 Mar 2019 11:58

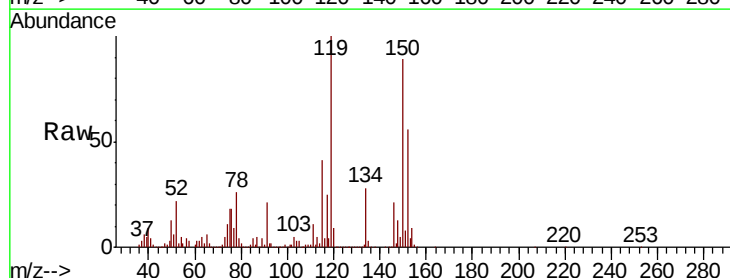
Tgt Ion:152 Resp: 213897

Ion Ratio Lower Upper

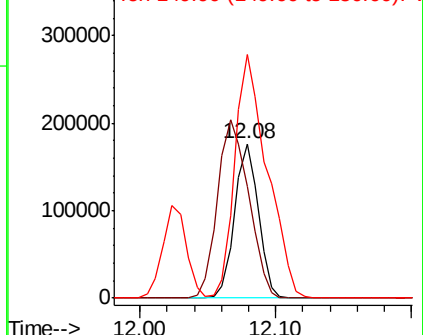
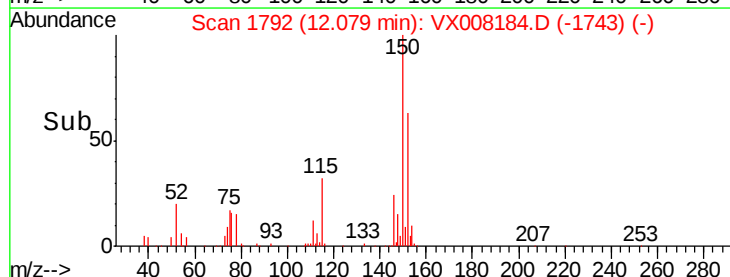
152 100

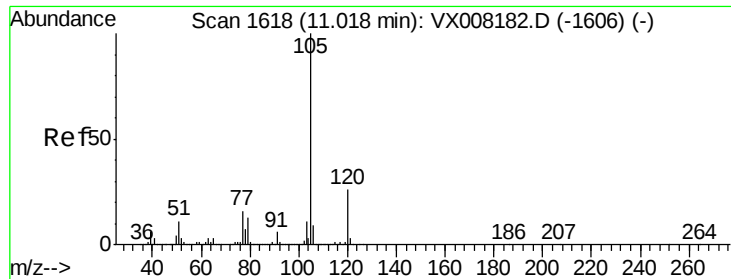
115 152.0 38.6 115.7#

150 216.7 0.0 348.4



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





#73

Isopropylbenzene

Concen: 135.728 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX008184.D

Acq: 19 Mar 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

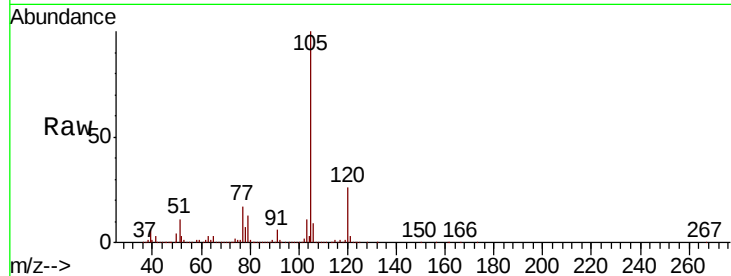
VSTDIC150

Tgt Ion:105 Resp: 2853395

Ion Ratio Lower Upper

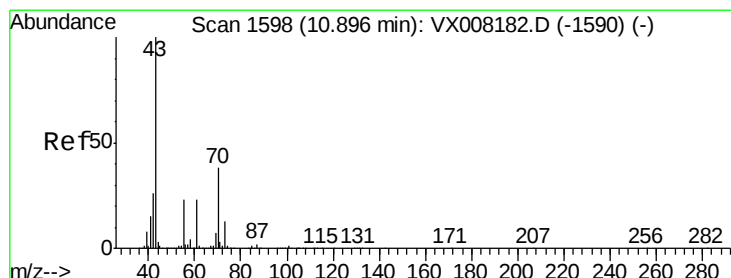
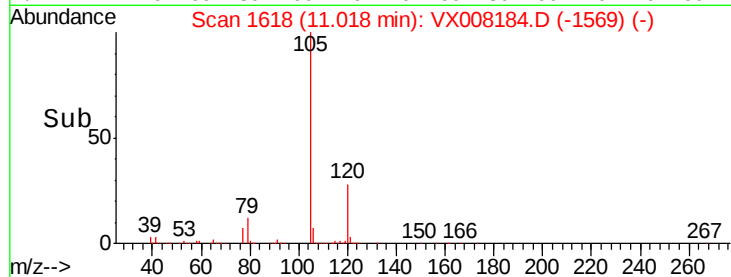
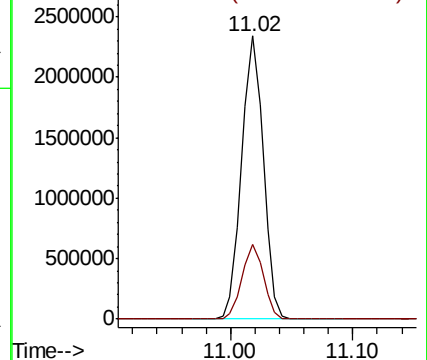
105 100

120 26.2 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 143.618 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX008184.D

Acq: 19 Mar 2019 11:58

Tgt Ion: 43 Resp: 1605819

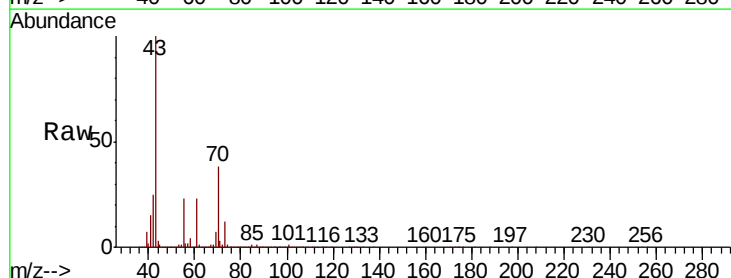
Ion Ratio Lower Upper

43 100

70 38.7 33.5 50.3

55 22.8 19.2 28.8

61 23.3 19.0 28.6

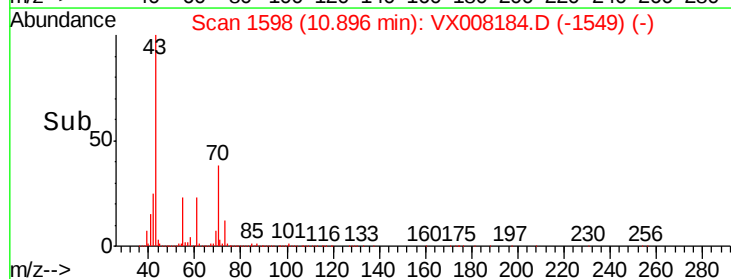
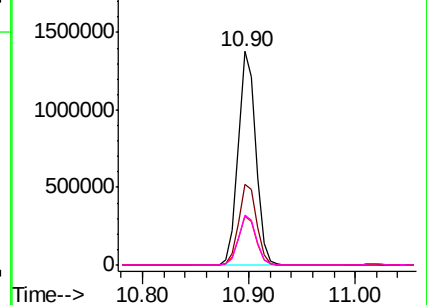


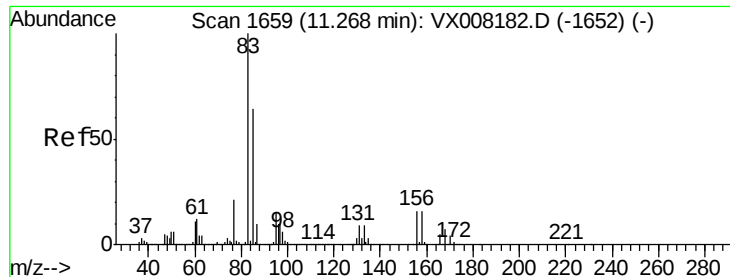
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 140.137 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX008184.D

Acq: 19 Mar 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

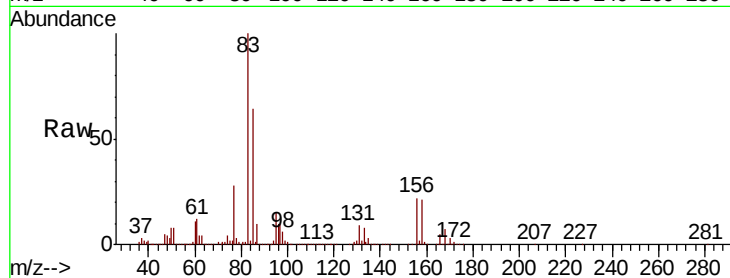
Tgt Ion: 83 Resp: 1012497

Ion	Ratio	Lower	Upper
83	100		
131	9.2	5.4	16.2
85	64.2	32.3	96.8

83 100

131 9.2 5.4 16.2

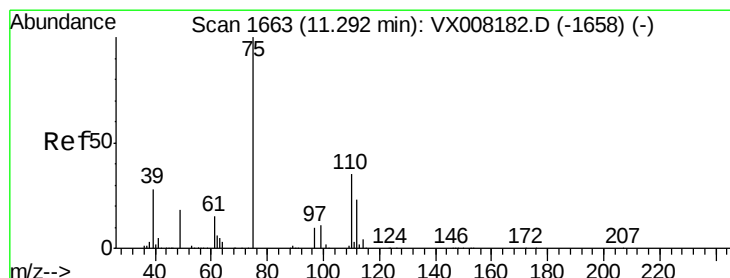
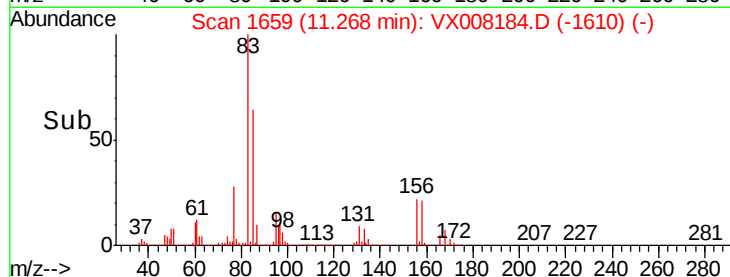
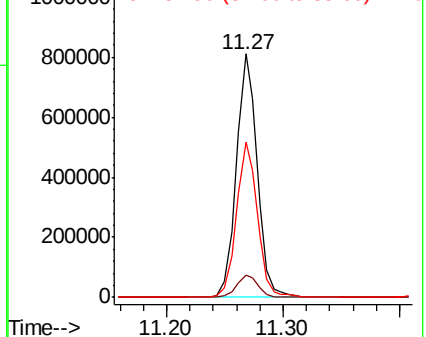
85 64.2 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 199.836 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.01 min

Lab File: VX008184.D

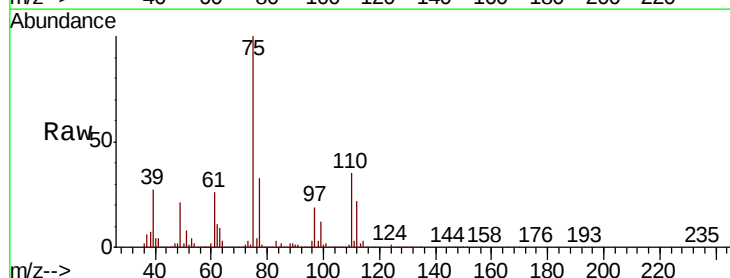
Acq: 19 Mar 2019 11:58

Tgt Ion: 75 Resp: 1269109

Ion	Ratio	Lower	Upper
75	100		
77	31.1	18.9	56.7

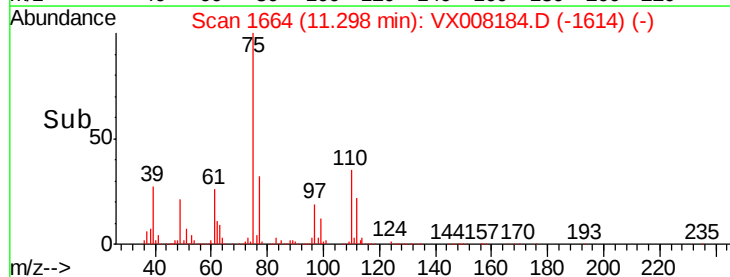
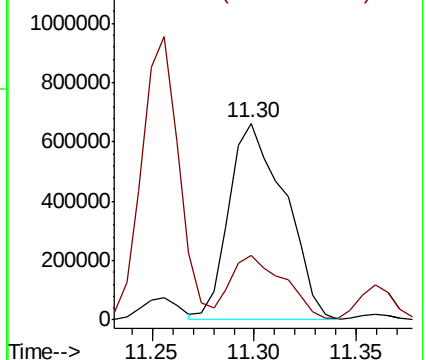
75 100

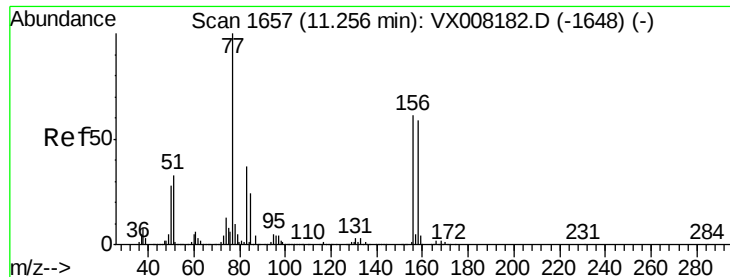
77 31.1 18.9 56.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 139.810 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX008184.D

Acq: 19 Mar 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

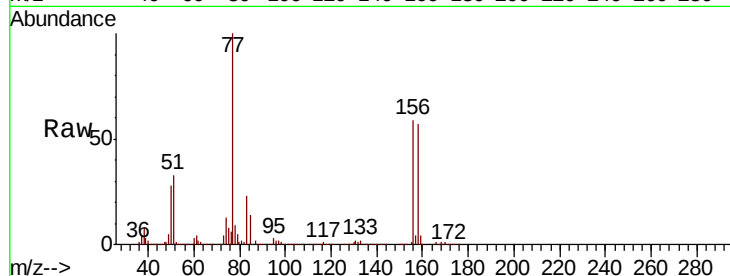
Tgt Ion:156 Resp: 689618

Ion Ratio Lower Upper

156 100

77 176.0 72.0 215.9

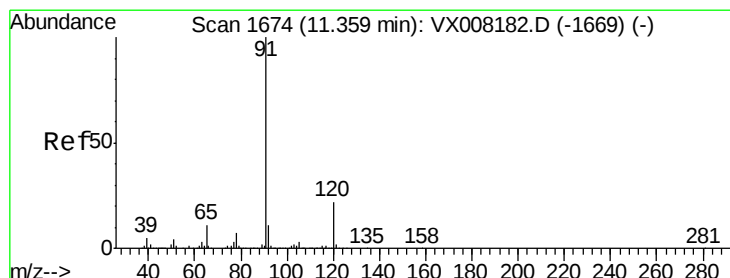
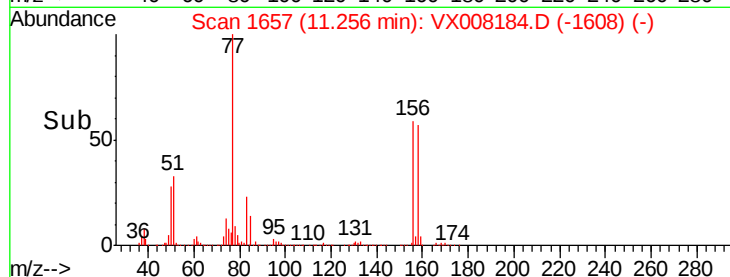
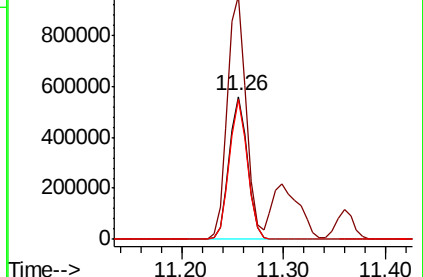
158 96.5 48.6 145.9



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: 136.646 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX008184.D

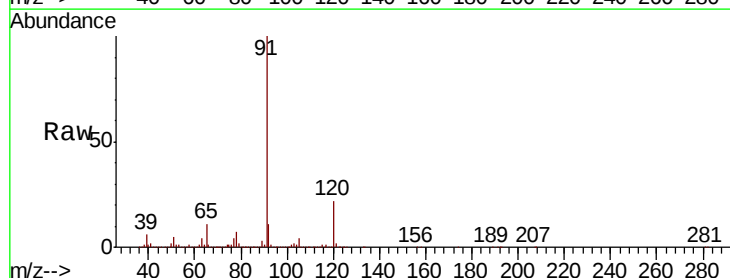
Acq: 19 Mar 2019 11:58

Tgt Ion: 91 Resp: 3406323

Ion Ratio Lower Upper

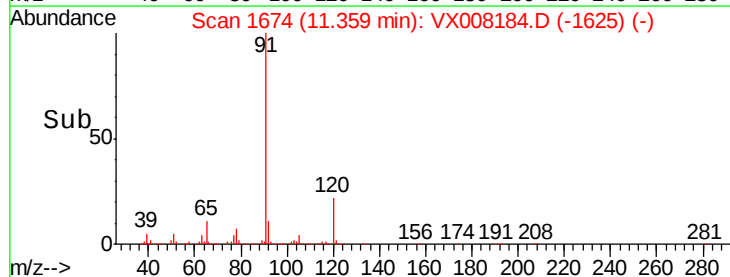
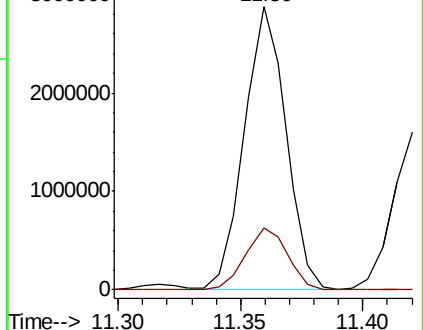
91 100

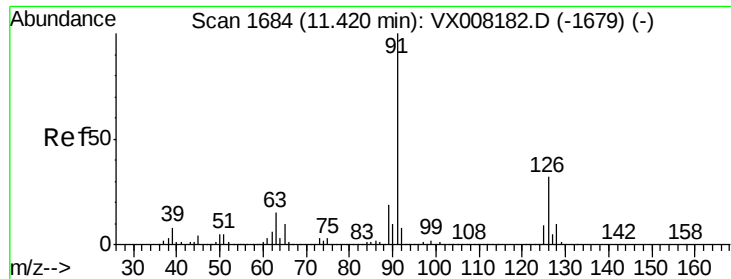
120 22.2 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 136.838 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX008184.D

Acq: 19 Mar 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

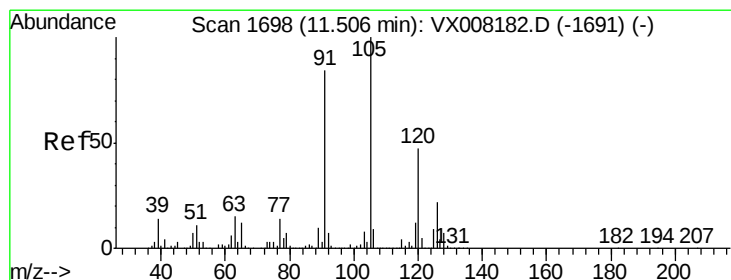
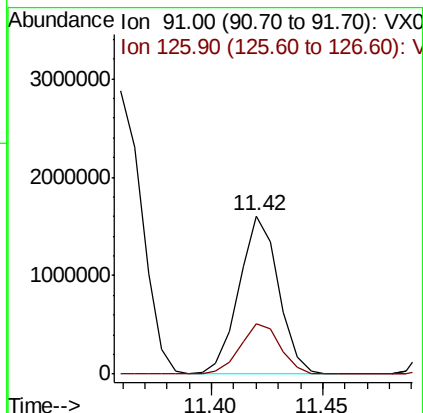
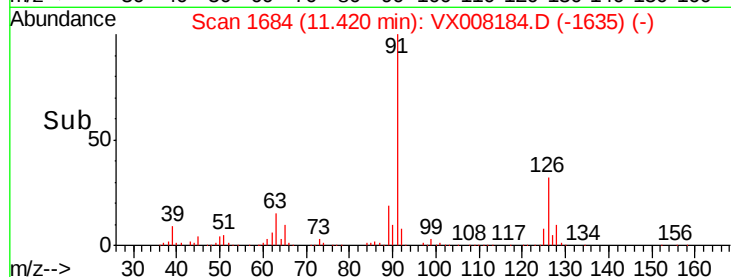
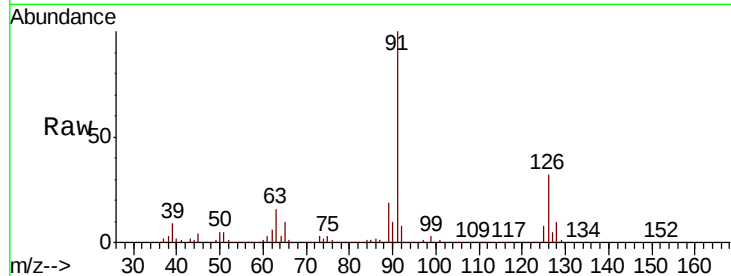
VSTDIC150

Tgt Ion: 91 Resp: 1981785

Ion Ratio Lower Upper

91 100

126 32.4 17.5 52.6



#80

1,3,5-Trimethylbenzene

Concen: 141.168 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX008184.D

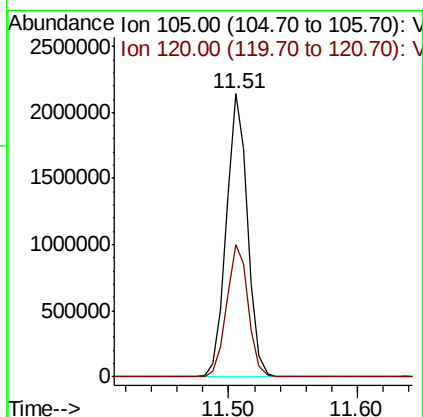
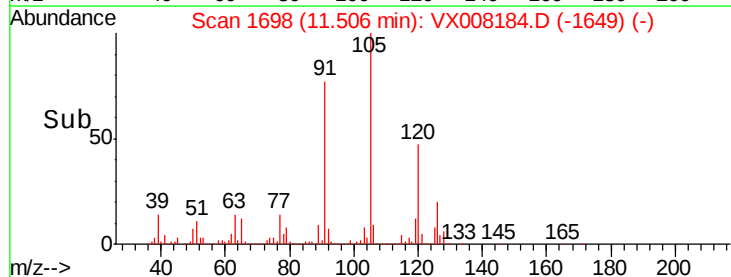
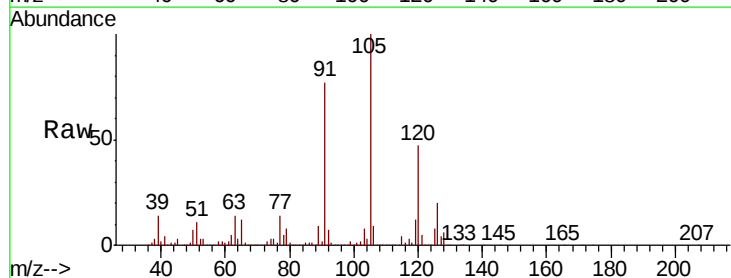
Acq: 19 Mar 2019 11:58

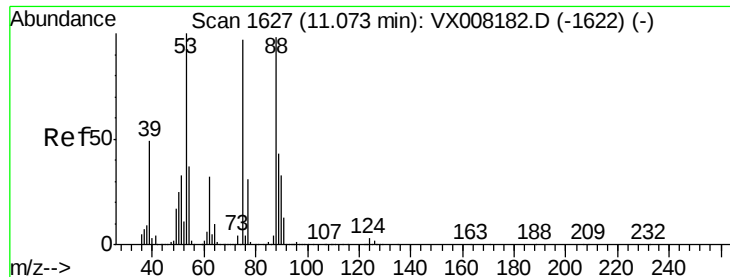
Tgt Ion: 105 Resp: 2472161

Ion Ratio Lower Upper

105 100

120 47.7 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 150.669 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX008184.D

Acq: 19 Mar 2019 11:58

Instrument :

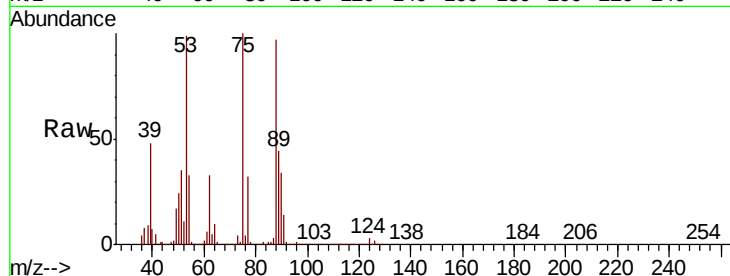
MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 75 Resp: 363139

Ion	Ratio	Lower	Upper
75	100		
53	97.1	76.1	114.1
89	43.5	36.3	54.5

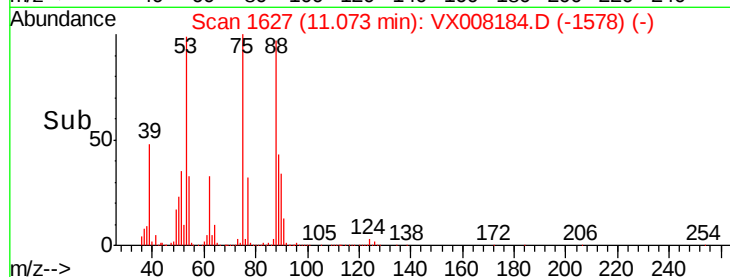


Abundance

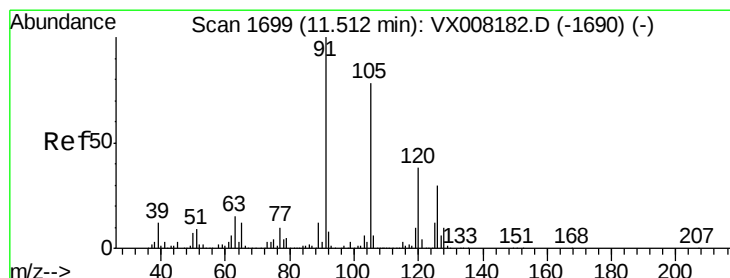
Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



Time-->



#82

4-Chlorotoluene

Concen: 142.316 ug/l

RT: 11.51 min Scan# 1699

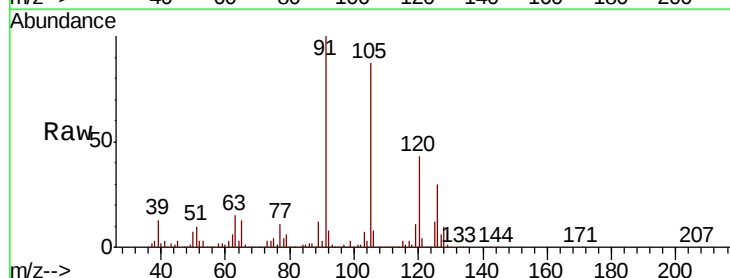
Delta R.T. 0.00 min

Lab File: VX008184.D

Acq: 19 Mar 2019 11:58

Tgt Ion: 91 Resp: 2409351

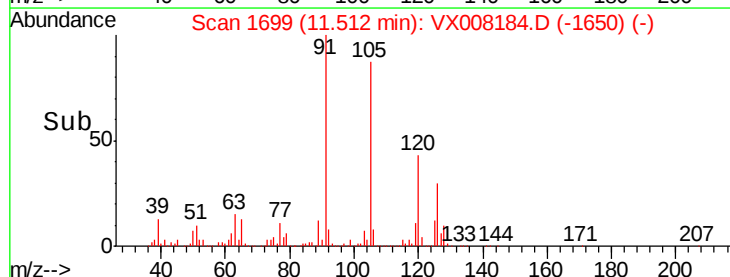
Ion	Ratio	Lower	Upper
91	100		
126	28.5	15.6	46.8



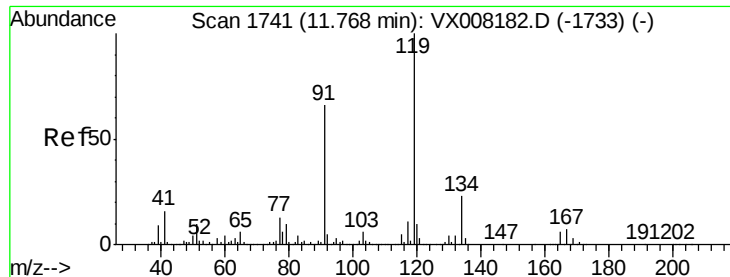
Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



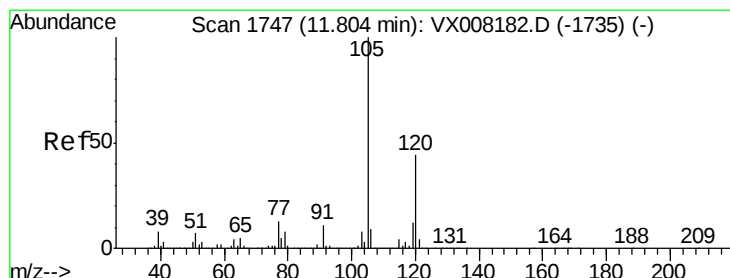
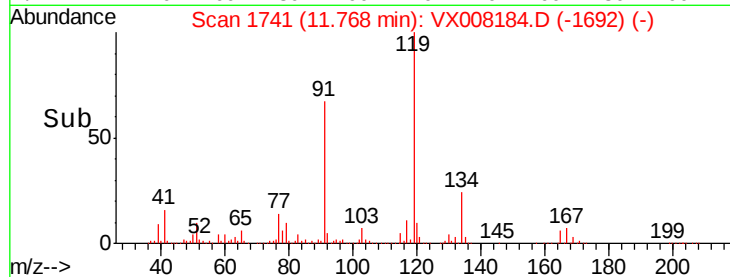
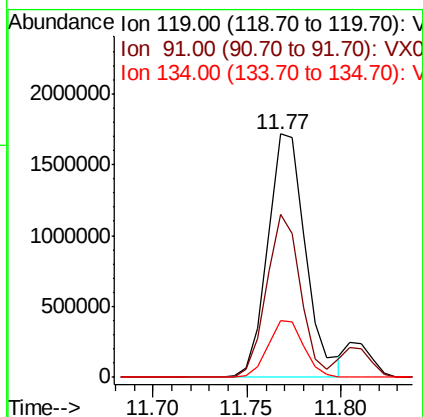
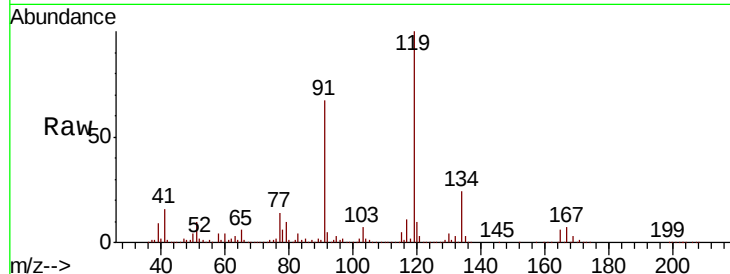
Time-->



#83
 tert-Butylbenzene
 Concen: 145.515 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX008184.D
 Acq: 19 Mar 2019 11:58

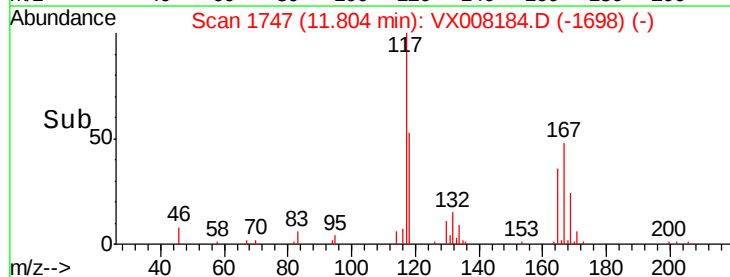
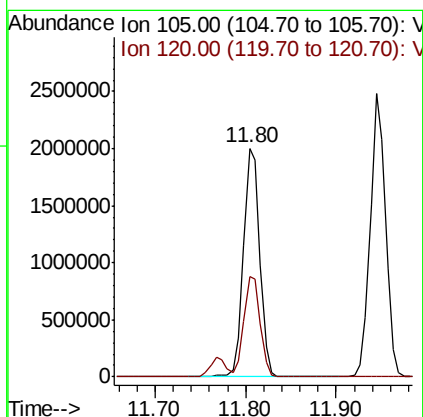
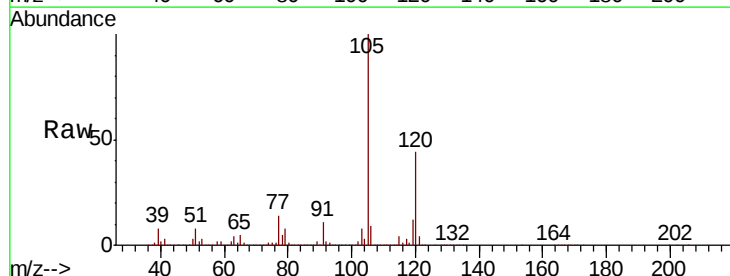
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

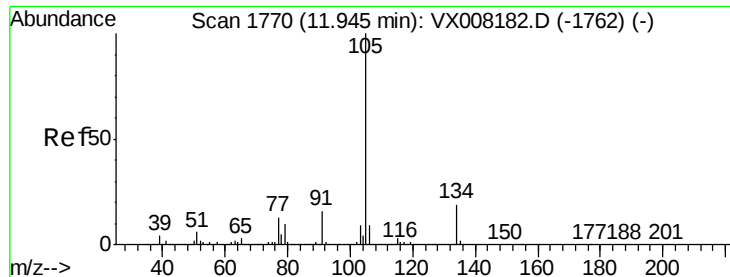
Tgt Ion:119 Resp: 2393613
 Ion Ratio Lower Upper
 119 100
 91 60.2 27.1 81.3
 134 22.0 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 139.516 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX008184.D
 Acq: 19 Mar 2019 11:58

Tgt Ion:105 Resp: 2486896
 Ion Ratio Lower Upper
 105 100
 120 43.7 22.6 67.7





#85

sec-Butylbenzene

Concen: 139.633 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX008184.D

Acq: 19 Mar 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

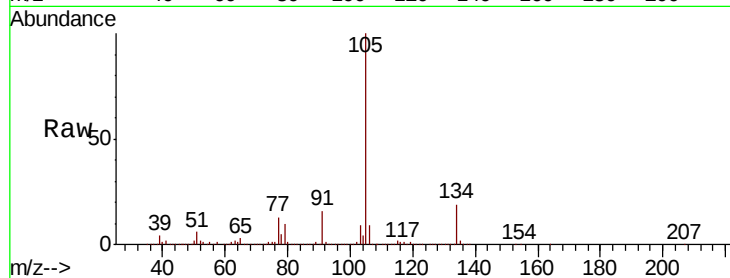
VSTDIC150

Tgt Ion:105 Resp: 2903419

Ion Ratio Lower Upper

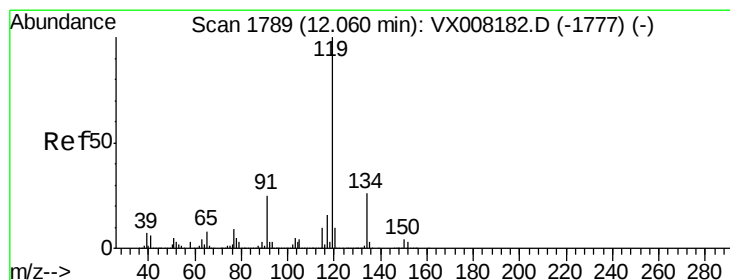
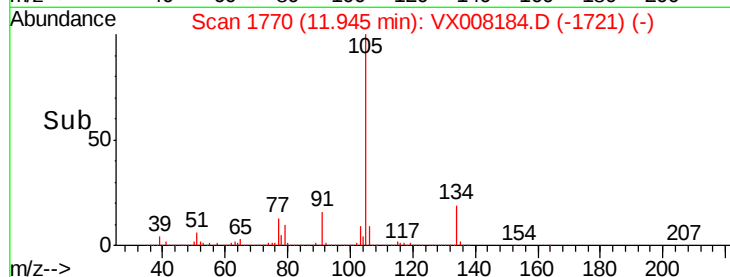
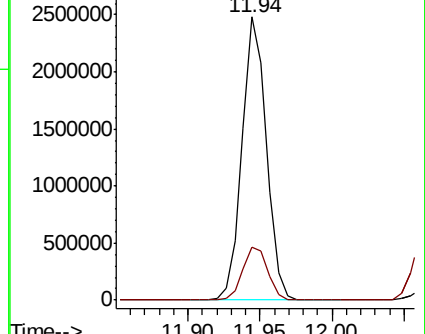
105 100

134 19.4 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 141.750 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.01 min

Lab File: VX008184.D

Acq: 19 Mar 2019 11:58

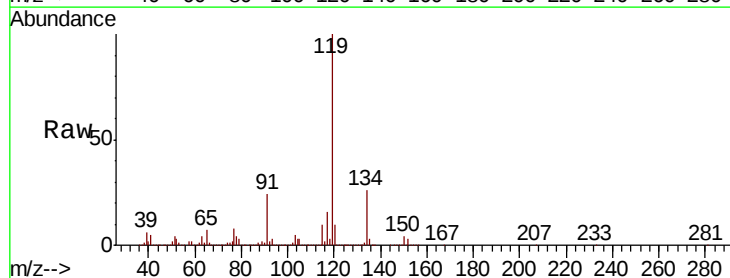
Tgt Ion:119 Resp: 2555136

Ion Ratio Lower Upper

119 100

134 25.9 13.3 39.9

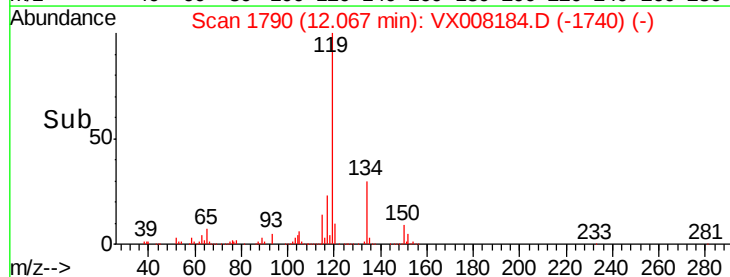
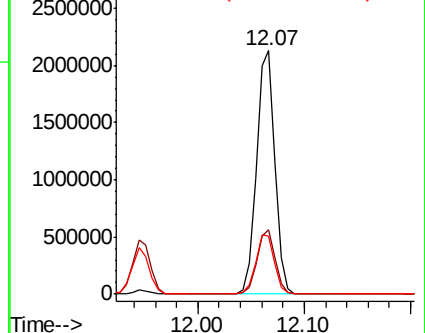
91 24.8 10.9 32.7

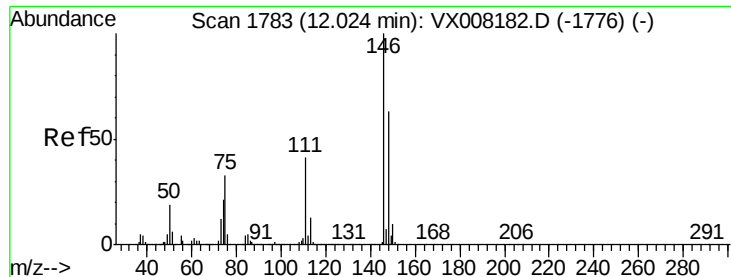


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

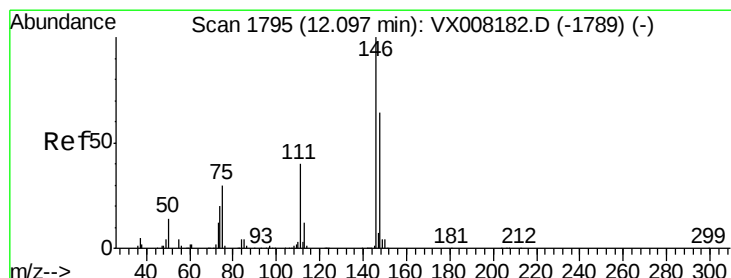
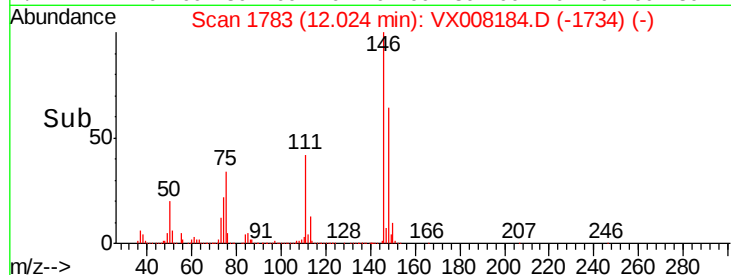
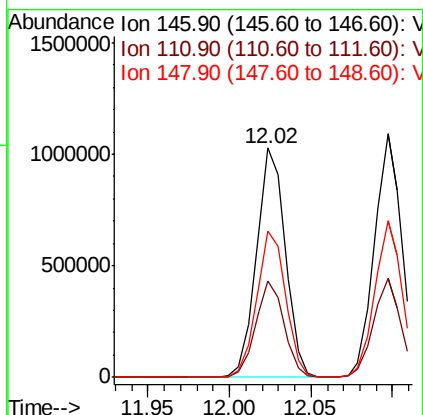
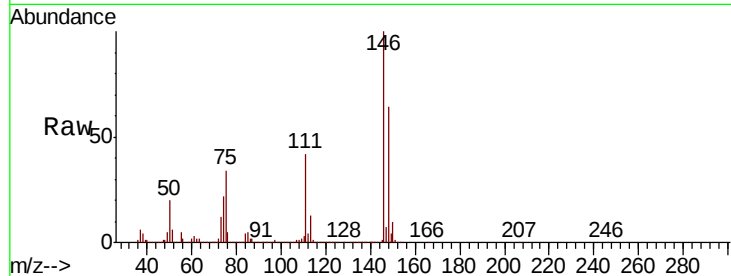




#87
 1,3-Dichlorobenzene
 Concen: 143.545 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX008184.D
 Acq: 19 Mar 2019 11:58

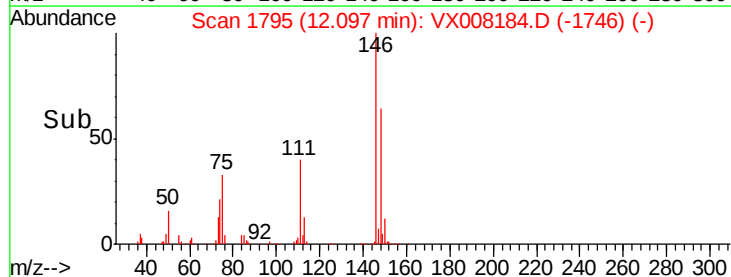
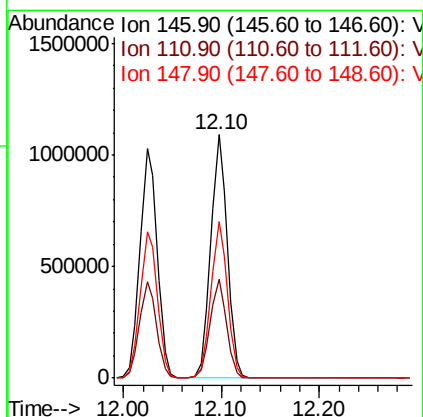
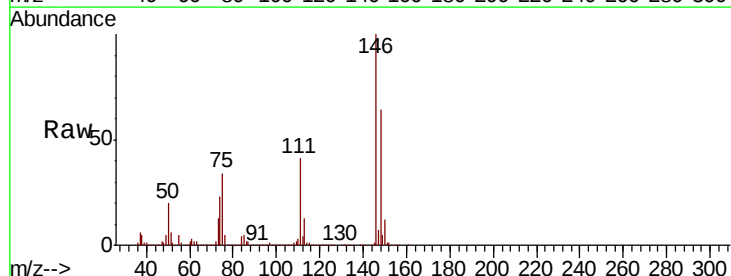
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

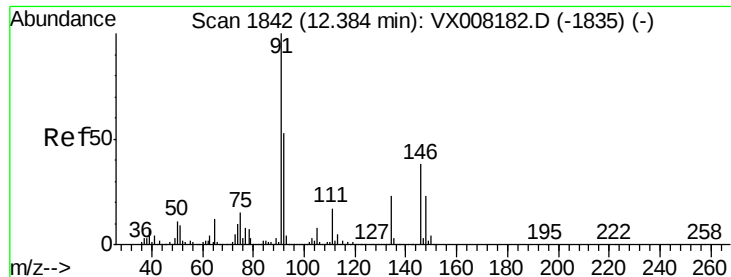
Tgt Ion:146 Resp: 1266305
 Ion Ratio Lower Upper
 146 100
 111 41.4 18.9 56.7
 148 63.8 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 144.786 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX008184.D
 Acq: 19 Mar 2019 11:58

Tgt Ion:146 Resp: 1278727
 Ion Ratio Lower Upper
 146 100
 111 40.0 18.4 55.0
 148 64.1 32.2 96.6





#89

n-Butylbenzene

Concen: 147.312 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.01 min

Lab File: VX008184.D

Acq: 19 Mar 2019 11:58

Instrument :

MSVOA_X

ClientSampled :

VSTDIC150

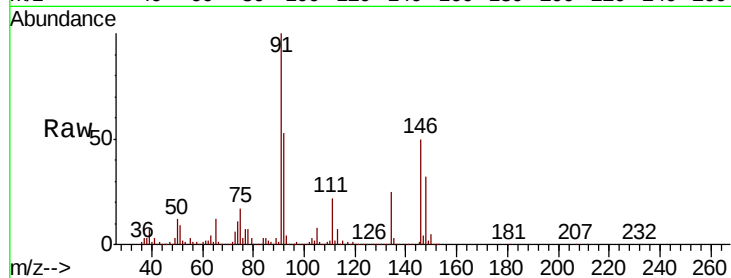
Tgt Ion: 91 Resp: 2524892

Ion Ratio Lower Upper

91 100

92 53.4 27.0 80.8

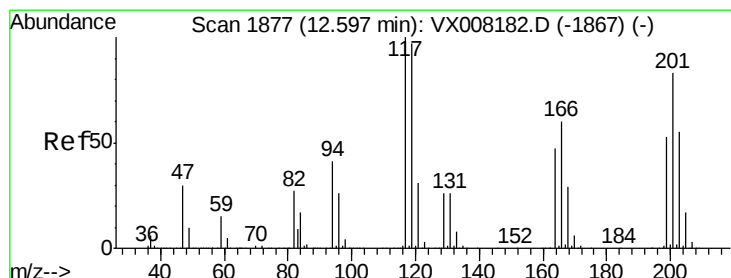
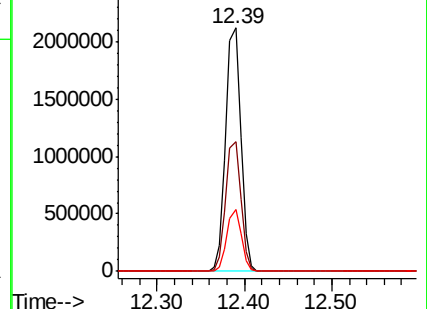
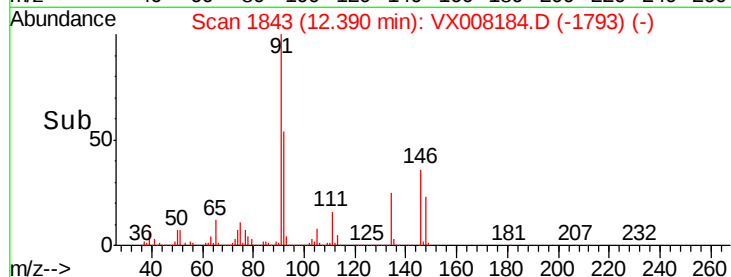
134 24.3 13.7 41.0



Abundance Ion 91.00 (90.70 to 91.70): VX008184.D (-1835) (-)

Ion 92.00 (91.70 to 92.70): VX008184.D (-1835) (-)

Ion 134.00 (133.70 to 134.70): VX008184.D (-1835) (-)



#90

Hexachloroethane

Concen: 148.200 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX008184.D

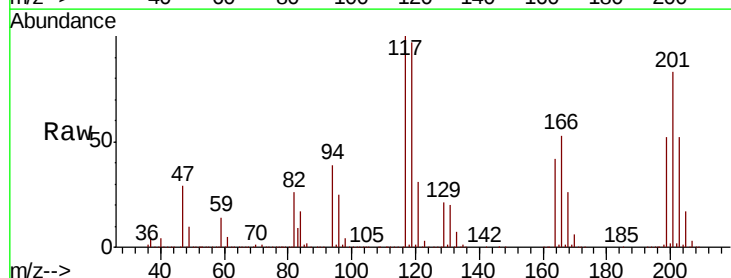
Acq: 19 Mar 2019 11:58

Tgt Ion: 117 Resp: 459254

Ion Ratio Lower Upper

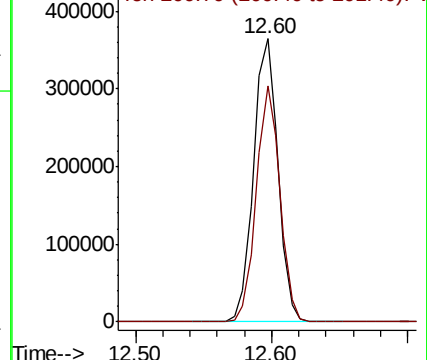
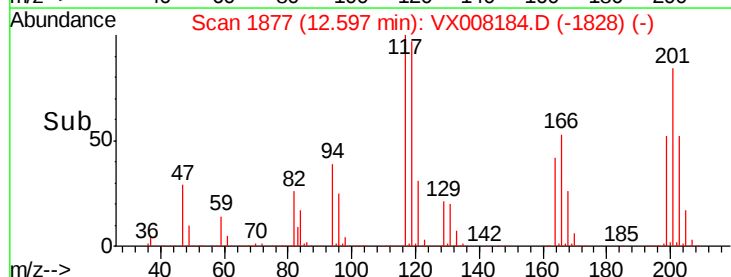
117 100

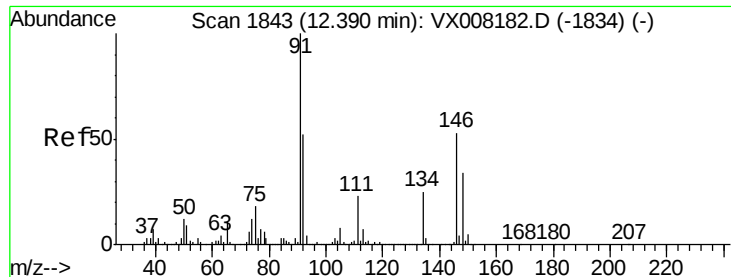
201 81.0 48.9 146.7



Abundance Ion 116.80 (116.50 to 117.50): VX008184.D (-1867) (-)

Ion 200.70 (200.40 to 201.40): VX008184.D (-1867) (-)





#91

1,2-Dichlorobenzene

Concen: 145.863 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX008184.D

Acq: 19 Mar 2019 11:58

Instrument :

MSVOA_X

ClientSampled :

VSTDIC150

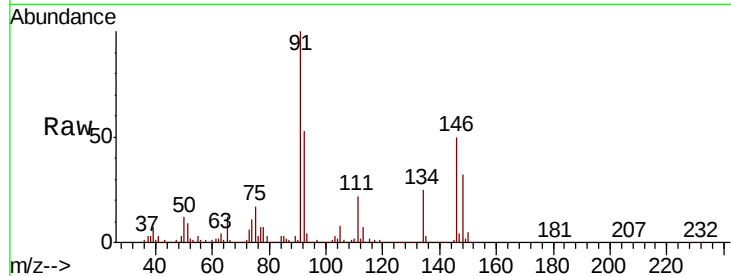
Tgt Ion:146 Resp: 1282311

Ion Ratio Lower Upper

146 100

111 43.2 19.6 58.8

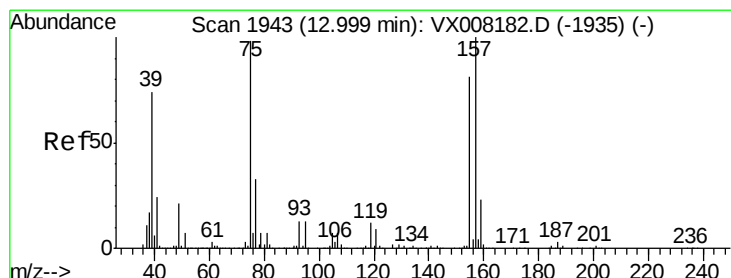
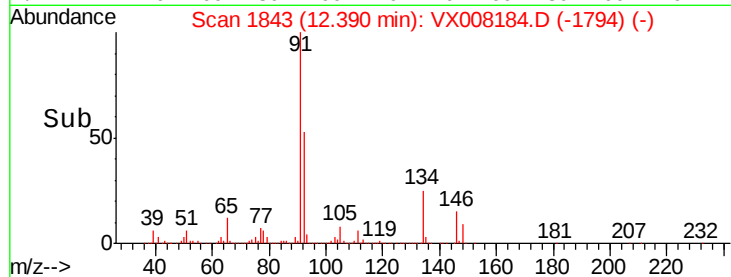
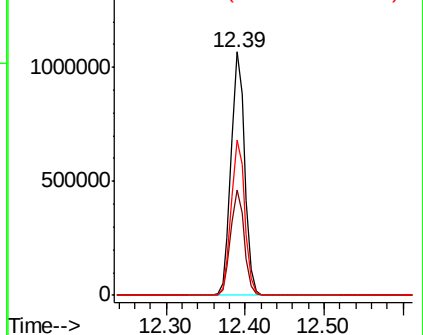
148 63.9 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 145.881 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX008184.D

Acq: 19 Mar 2019 11:58

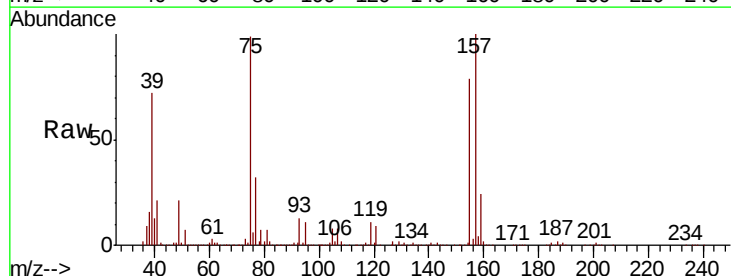
Tgt Ion: 75 Resp: 239125

Ion Ratio Lower Upper

75 100

155 79.6 49.7 149.1

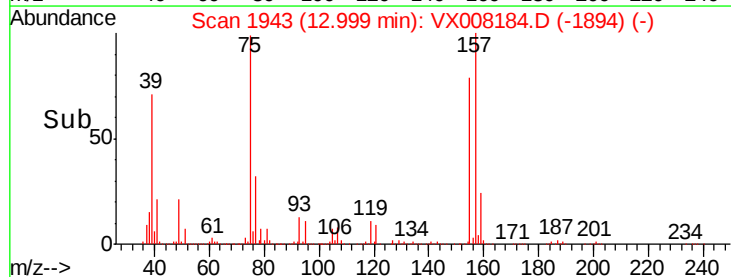
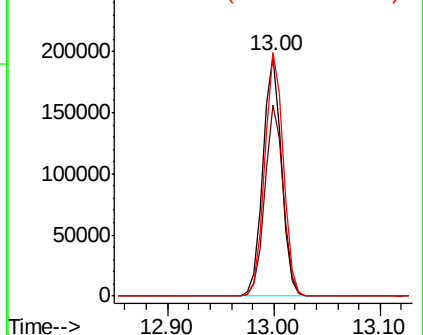
157 102.3 63.8 191.4

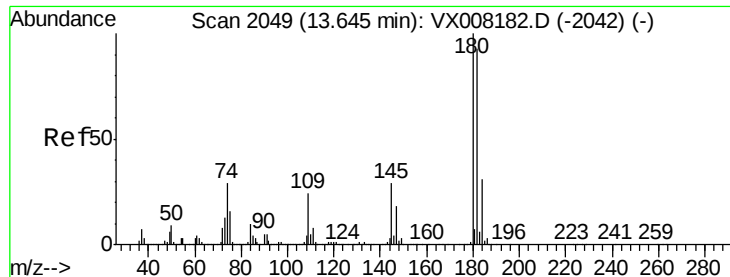


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

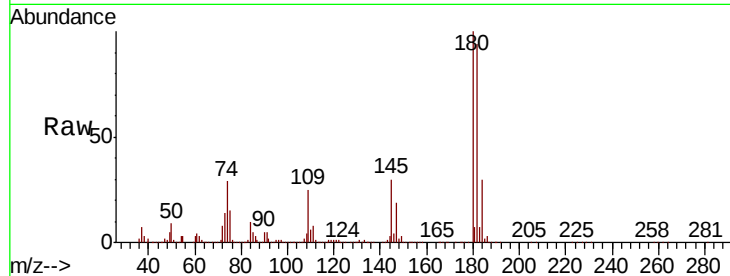




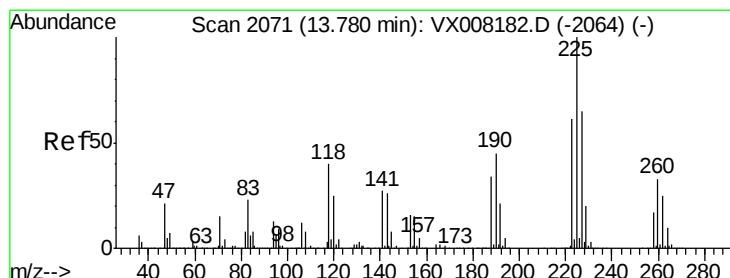
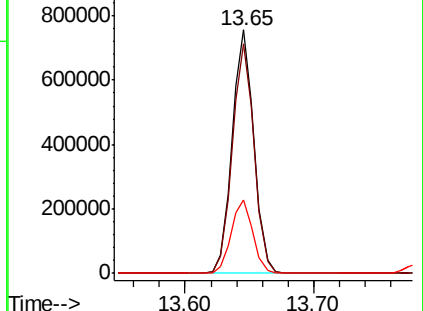
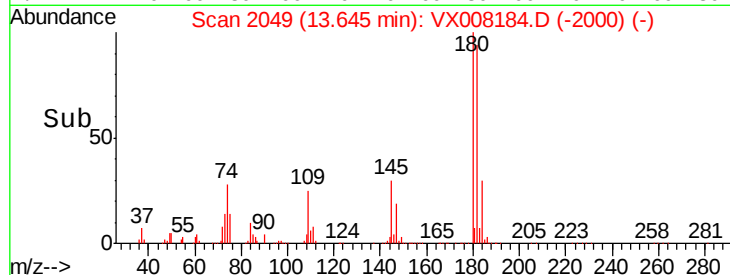
#93
 1,2,4-Trichlorobenzene
 Concen: 149.914 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX008184.D
 Acq: 19 Mar 2019 11:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion:180 Resp: 886211
 Ion Ratio Lower Upper
 180 100
 182 94.9 47.9 143.7
 145 30.1 14.1 42.4

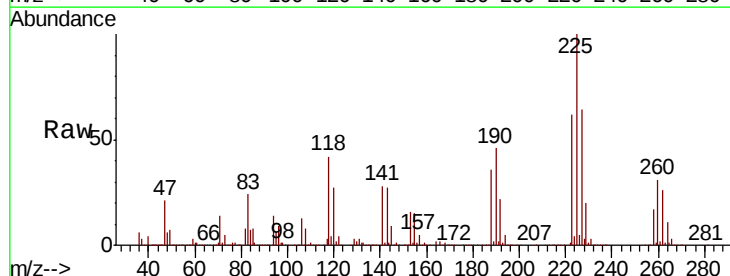


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

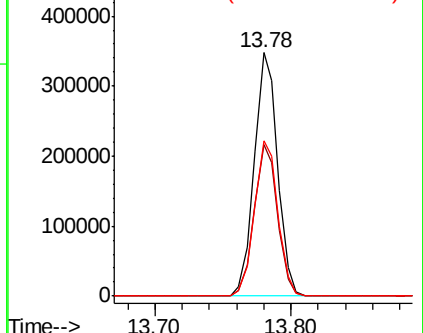
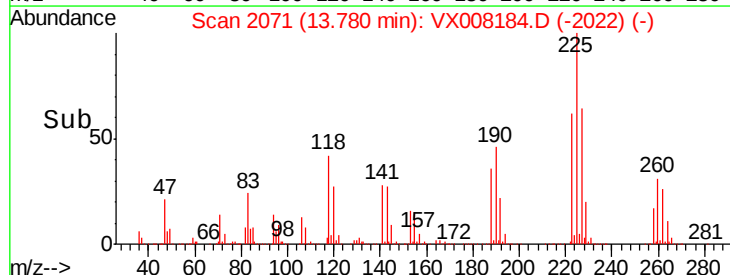


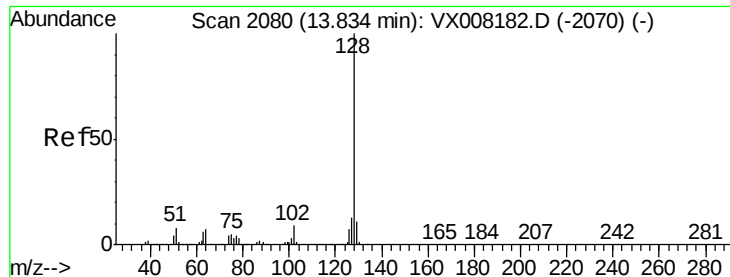
#94
 Hexachlorobutadiene
 Concen: 144.925 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX008184.D
 Acq: 19 Mar 2019 11:58

Tgt Ion:225 Resp: 418479
 Ion Ratio Lower Upper
 225 100
 223 62.6 31.1 93.2
 227 64.2 32.0 96.0



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

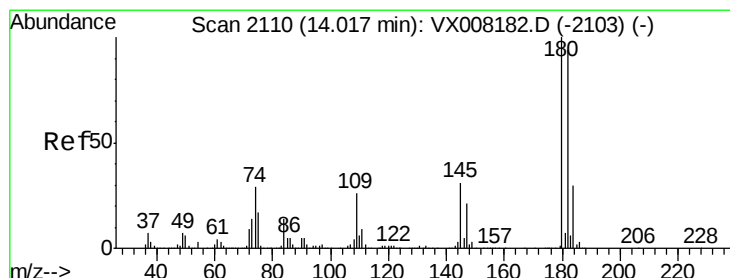
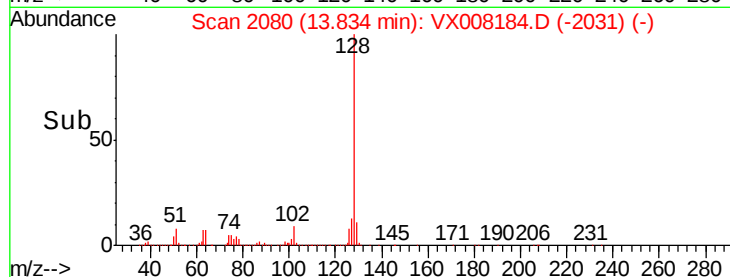
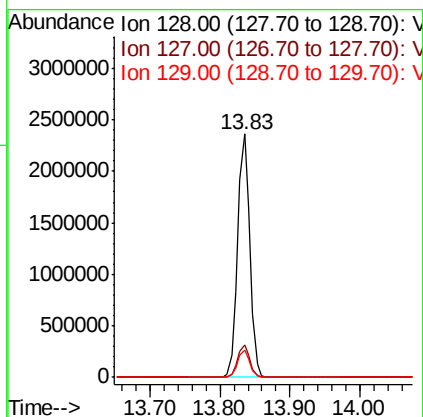
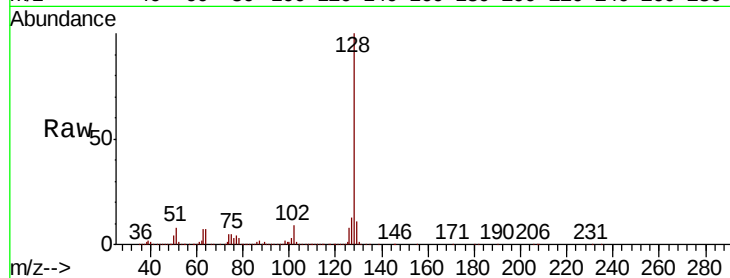




#95
Naphthalene
Concen: 145.922 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX008184.D
Acq: 19 Mar 2019 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:128 Resp: 2842992
Ion Ratio Lower Upper
128 100
127 13.3 10.3 15.5
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 148.808 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX008184.D
Acq: 19 Mar 2019 11:58

Tgt Ion:180 Resp: 871826
Ion Ratio Lower Upper
180 100
182 95.1 47.5 142.5
145 31.8 14.8 44.3

