

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX031919\
 Data File : VX008181.D
 Acq On : 19 Mar 2019 10:44
 Operator : JC/SP
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Quant Time: Mar 19 11:36:46 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	286531	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	472911	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	420449	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	192365	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	77343	17.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	35.26%	
35) Dibromofluoromethane	5.50	113	57016	17.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	34.98%	
50) Toluene-d8	8.71	98	217900	17.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	34.80%	
62) 4-Bromofluorobenzene	11.13	95	75675	17.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	34.50%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.20	85	69802	18.609	ug/l 97
3) Chloromethane	1.33	50	82222	19.355	ug/l 98
4) Vinyl Chloride	1.41	62	84423	18.978	ug/l 100
5) Bromomethane	1.64	94	53880	14.094	ug/l 98
6) Chloroethane	1.73	64	51191	19.211	ug/l 97
7) Trichlorofluoromethane	1.93	101	104002	18.947	ug/l 97
8) Diethyl Ether	2.19	74	58708	18.826	ug/l 93
9) 1,1,2-Trichlorotrifluoroet	2.39	101	73893	18.787	ug/l 89
10) Methyl Iodide	2.51	142	92127	17.685	ug/l 97
11) Tert butyl alcohol	3.04	59	91470	92.605	ug/l 97
12) 1,1-Dichloroethene	2.38	96	68704	18.427	ug/l 90
13) Acrolein	2.29	56	67419	100.646	ug/l 98
14) Allyl chloride	2.73	41	151074	18.190	ug/l 92
15) Acrylonitrile	3.14	53	247473	93.881	ug/l 99
16) Acetone	2.45	43	256043	99.556	ug/l 96
17) Carbon Disulfide	2.57	76	212770	18.290	ug/l 99
18) Methyl Acetate	2.78	43	117743	18.740	ug/l 98
19) Methyl tert-butyl Ether	3.20	73	249997	18.279	ug/l 97
20) Methylene Chloride	2.86	84	79786	18.729	ug/l 91
21) trans-1,2-Dichloroethene	3.17	96	73847	18.686	ug/l 93
22) Diisopropyl ether	3.86	45	299015	18.339	ug/l 90
23) Vinyl Acetate	3.82	43	1300923	90.483	ug/l 97
24) 1,1-Dichloroethane	3.70	63	152264	18.553	ug/l 99
25) 2-Butanone	4.67	43	372658	94.384	ug/l 97
26) 2,2-Dichloropropane	4.59	77	110641	17.710	ug/l 99
27) cis-1,2-Dichloroethene	4.60	96	83780	18.459	ug/l 91
28) Bromochloromethane	5.02	49	68032	19.725	ug/l 82
29) Tetrahydrofuran	5.13	42	234595	92.216	ug/l 97
30) Chloroform	5.21	83	142385	18.472	ug/l 100
31) Cyclohexane	5.59	56	145239	18.112	ug/l 96
32) 1,1,1-Trichloroethane	5.49	97	117544	18.154	ug/l 96
36) 1,1-Dichloropropene	5.80	75	107835	18.237	ug/l 97
37) Ethyl Acetate	4.84	43	137146	18.623	ug/l 97
38) Carbon Tetrachloride	5.79	117	98154	18.163	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	131647	18.004	ug/l	91
40) Benzene	6.15	78	328114	18.516	ug/l	98
41) Methacrylonitrile	5.04	41	73943	17.928	ug/l	95
42) 1,2-Dichloroethane	6.20	62	122075	19.044	ug/l	95
43) Isopropyl Acetate	6.45	43	211424	17.922	ug/l	97
44) Trichloroethene	7.21	130	78373	18.582	ug/l	86
45) 1,2-Dichloropropane	7.51	63	91887	18.855	ug/l	98
46) Dibromomethane	7.66	93	54705	18.599	ug/l #	86
47) Bromodichloromethane	7.90	83	105546	18.126	ug/l	98
48) Methyl methacrylate	7.77	41	112319	18.102	ug/l	93
49) 1,4-Dioxane	7.74	88	39094	383.959	ug/l	92
51) 4-Methyl-2-Pentanone	8.64	43	714887	95.053	ug/l	97
52) Toluene	8.78	92	196603	18.852	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	117163	17.433	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	129950	17.699	ug/l	93
55) 1,1,2-Trichloroethane	9.21	97	79908	18.595	ug/l	97
56) Ethyl methacrylate	9.18	69	128991	17.916	ug/l #	91
57) 1,3-Dichloropropane	9.37	76	142003	18.714	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	288944	86.246	ug/l	93
59) 2-Hexanone	9.49	43	554147	96.654	ug/l	95
60) Dibromochloromethane	9.58	129	75439	17.699	ug/l	99
61) 1,2-Dibromoethane	9.67	107	83453	18.689	ug/l	99
64) Tetrachloroethene	9.34	164	74835	18.512	ug/l	96
65) Chlorobenzene	10.14	112	203636	18.351	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	71227	17.906	ug/l	97
67) Ethyl Benzene	10.25	91	365542	18.093	ug/l	97
68) m/p-Xylenes	10.36	106	266239	35.922	ug/l	92
69) o-Xylene	10.70	106	128825	17.838	ug/l	92
70) Styrene	10.71	104	213291	18.045	ug/l	95
71) Bromoform	10.85	173	53365	17.205	ug/l	99
73) Isopropylbenzene	11.02	105	349446	18.483	ug/l	99
74) N-amyl acetate	10.90	43	184611	18.359	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.27	83	126970	19.541	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	148665	26.029	ug/l	91
77) Bromobenzene	11.26	156	81721	18.422	ug/l	83
78) n-propylbenzene	11.36	91	404600	18.047	ug/l	96
79) 2-Chlorotoluene	11.42	91	241869	18.570	ug/l	95
80) 1,3,5-Trimethylbenzene	11.51	105	288420	18.313	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	37861	17.467	ug/l	87
82) 4-Chlorotoluene	11.51	91	278689	18.304	ug/l	94
83) tert-Butylbenzene	11.77	119	266939	18.044	ug/l	91
84) 1,2,4-Trimethylbenzene	11.80	105	295324	18.422	ug/l	97
85) sec-Butylbenzene	11.94	105	341030	18.237	ug/l	95
86) p-Isopropyltoluene	12.06	119	293842	18.126	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	146663	18.486	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	148179	18.656	ug/l	97
89) n-Butylbenzene	12.38	91	267475	17.352	ug/l	96
90) Hexachloroethane	12.60	117	49062	17.604	ug/l	81
91) 1,2-Dichlorobenzene	12.39	146	147564	18.664	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	26457	17.947	ug/l	78

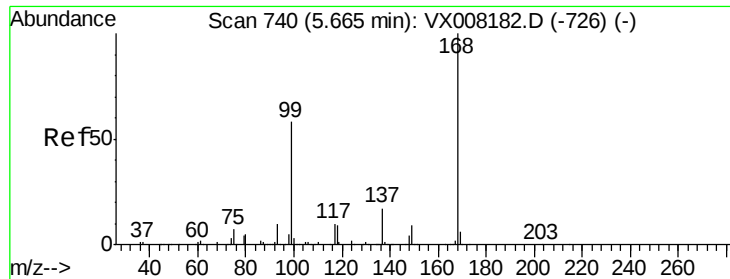
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	93491	17.585	ug/l	99
94) Hexachlorobutadiene	13.78	225	47736	18.382	ug/l	99
95) Naphthalene	13.83	128	306270	17.479	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	94126	17.864	ug/l	98

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

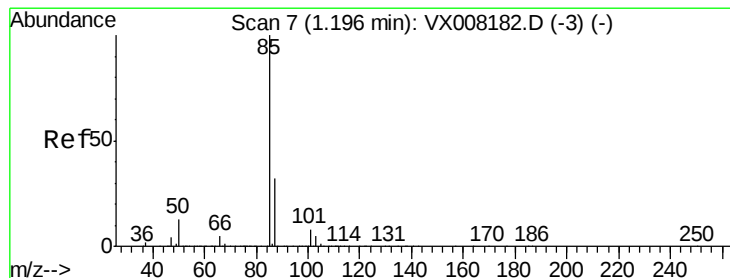
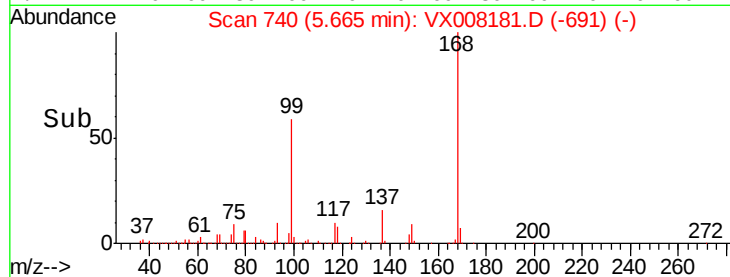
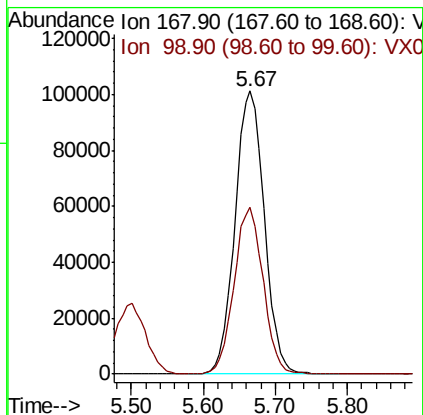
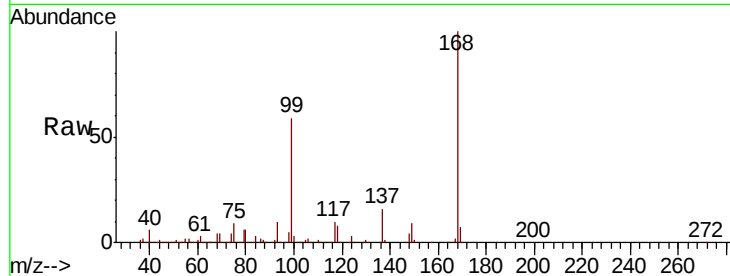


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.00 min
 Lab File: VX008181.D
 Acq: 19 Mar 2019 10:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

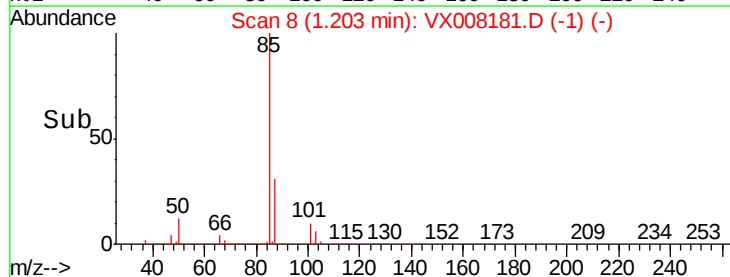
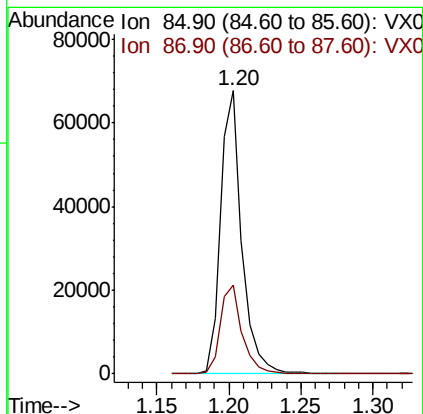
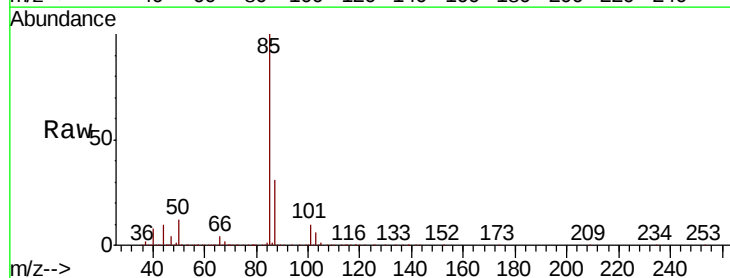
Tgt Ion: 168 Resp: 286531
 Ion Ratio Lower Upper
 168 100
 99 58.6 37.6 56.4#

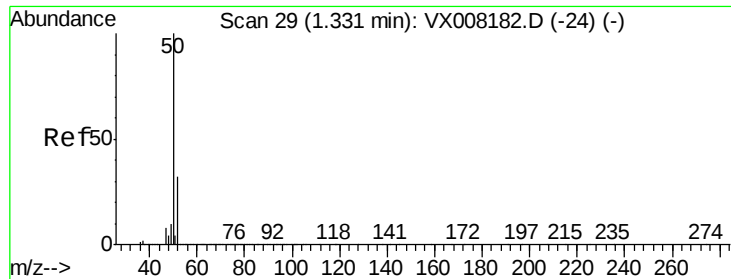


#2

Dichlorodifluoromethane
 Concen: 18.609 ug/l
 RT: 1.20 min Scan# 8
 Delta R.T. 0.01 min
 Lab File: VX008181.D
 Acq: 19 Mar 2019 10:44

Tgt Ion: 85 Resp: 69802
 Ion Ratio Lower Upper
 85 100
 87 31.2 16.4 49.1





#3

Chloromethane

Concen: 19.355 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX008181.D

Acq: 19 Mar 2019 10:44

Instrument :

MSVOA_X

ClientSampleId :

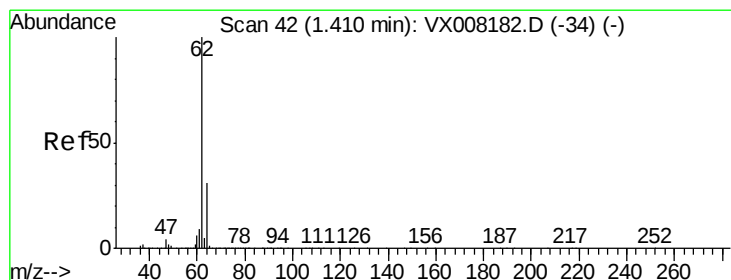
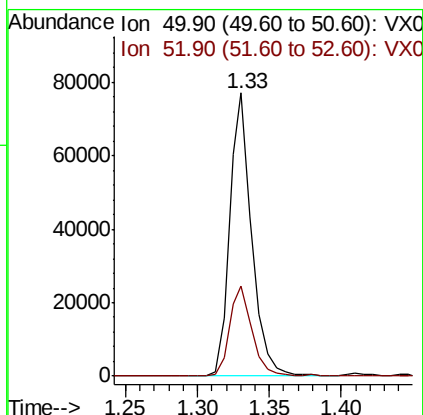
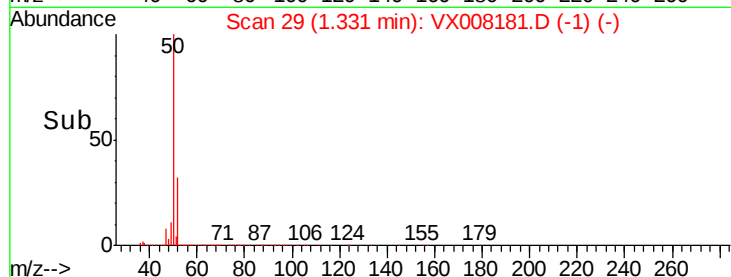
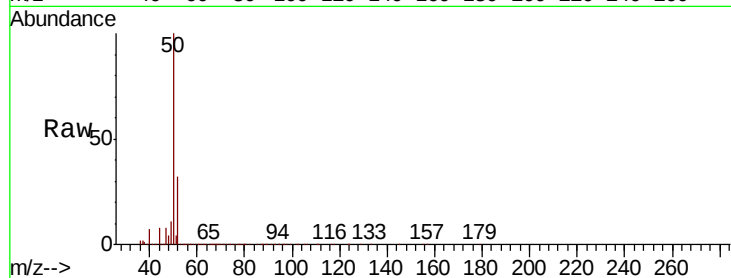
VSTDIC020

Tgt Ion: 50 Resp: 82222

Ion Ratio Lower Upper

50 100

52 31.7 26.5 39.7



#4

Vinyl Chloride

Concen: 18.978 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX008181.D

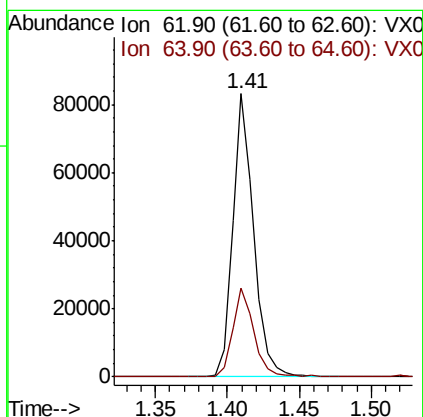
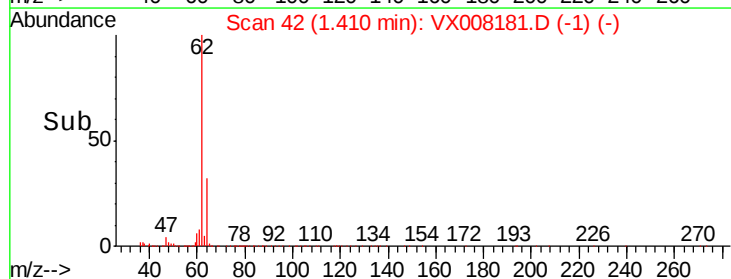
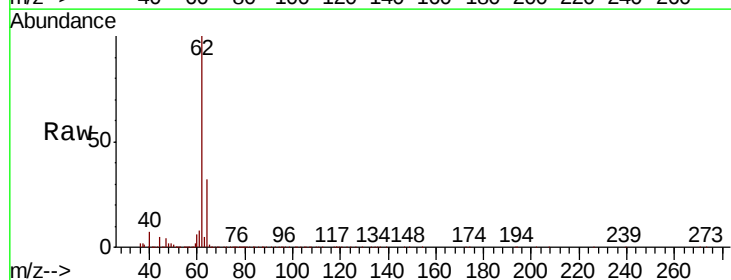
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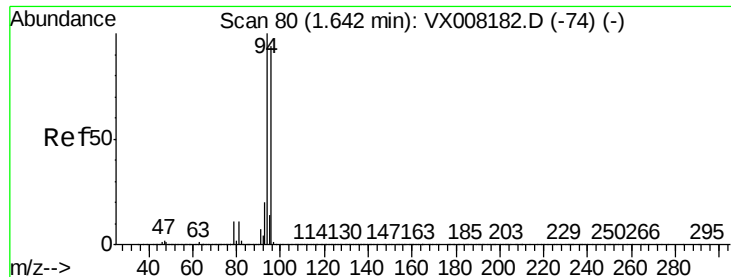
Tgt Ion: 62 Resp: 84423

Ion Ratio Lower Upper

62 100

64 31.4 25.3 37.9





#5

Bromomethane

Concen: 14.094 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX008181.D

Acq: 19 Mar 2019 10:44

Instrument :

MSVOA_X

ClientSampleId :

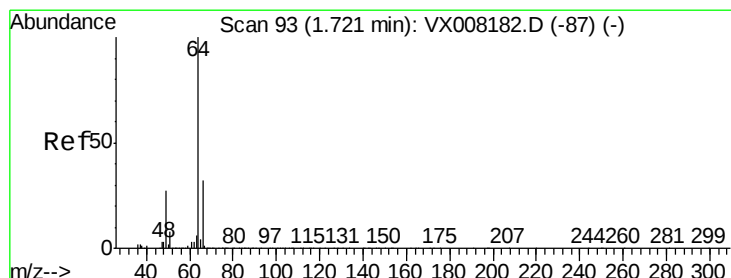
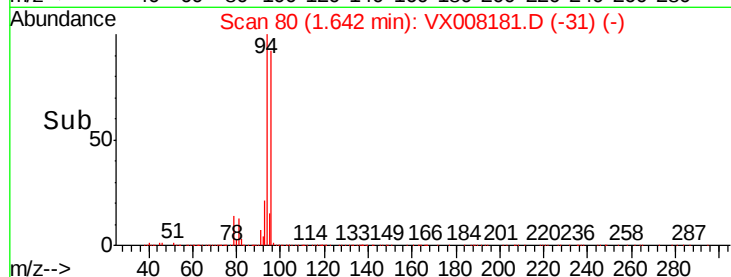
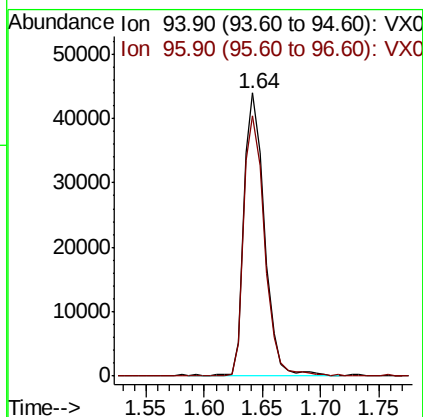
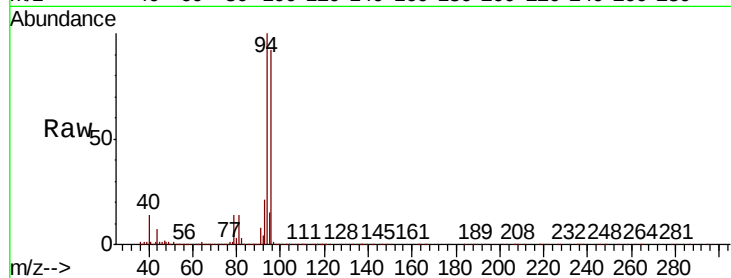
VSTDIC020

Tgt Ion: 94 Resp: 53880

Ion Ratio Lower Upper

94 100

96 92.1 75.5 113.3



#6

Chloroethane

Concen: 19.211 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX008181.D

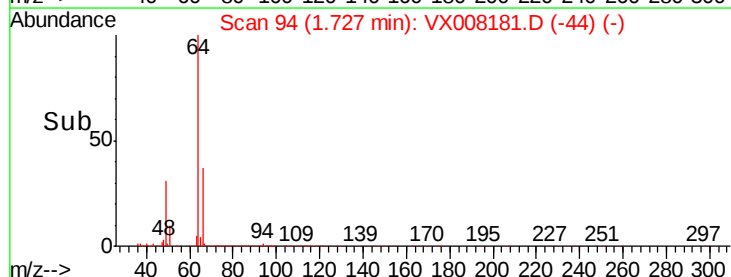
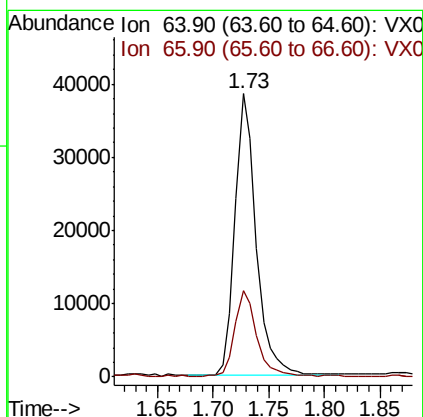
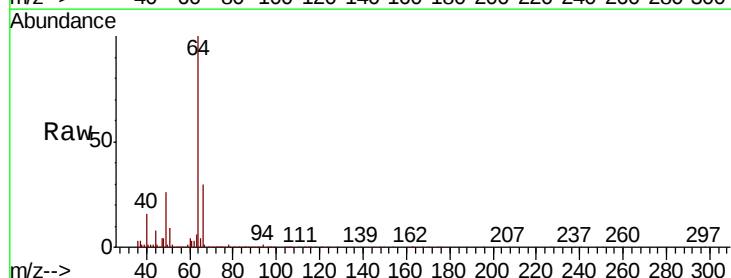
Acq: 19 Mar 2019 10:44

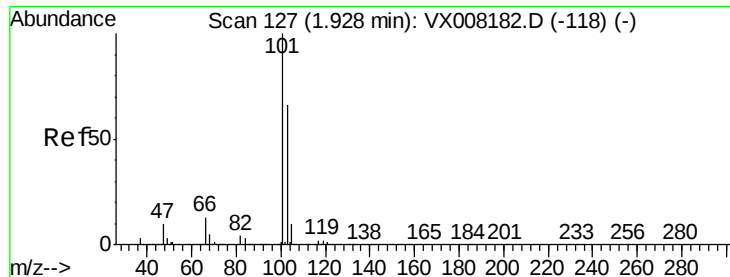
Tgt Ion: 64 Resp: 51191

Ion Ratio Lower Upper

64 100

66 29.9 25.2 37.8



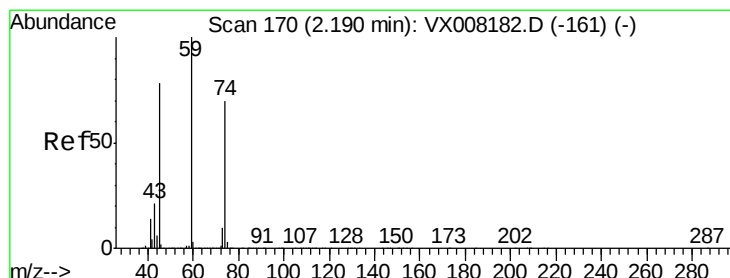
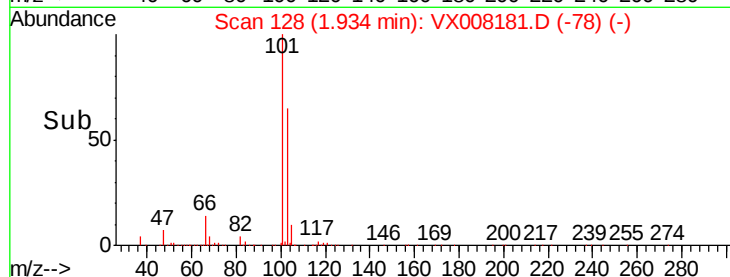
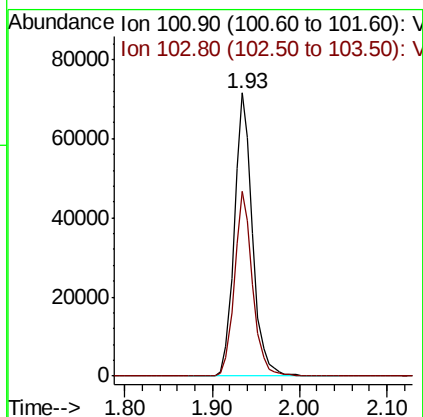
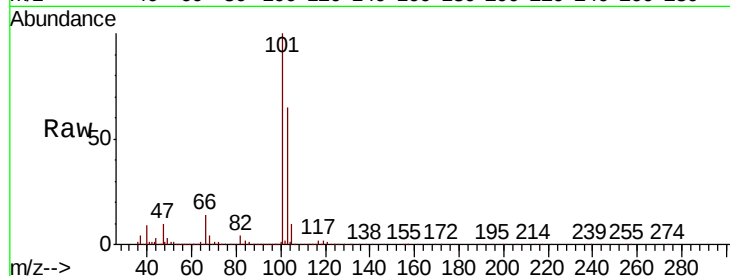


#7

Trichlorofluoromethane
Concen: 18.947 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX008181.D
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ClientSampleId :
VSTDIC020

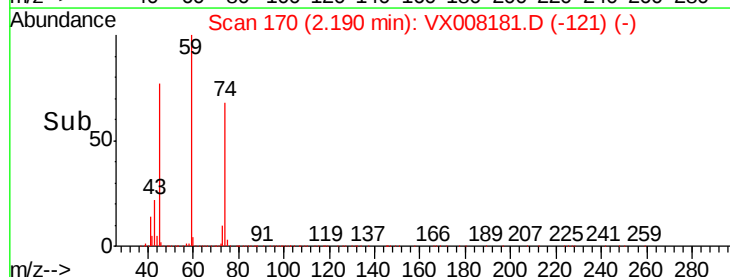
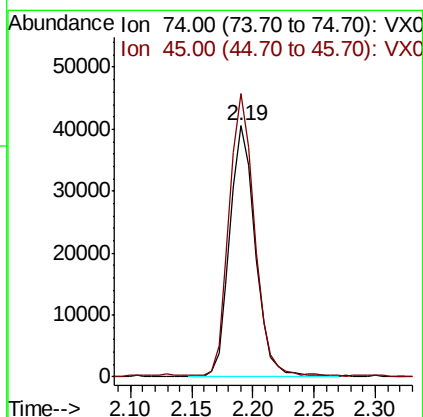
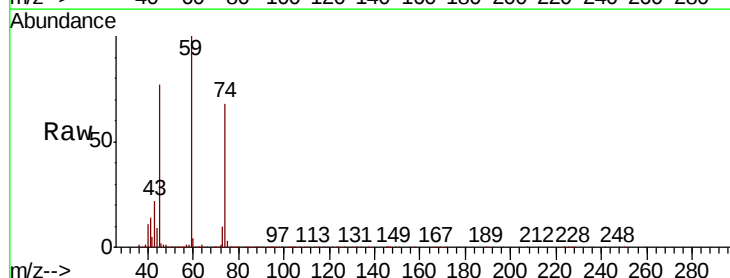
Tgt Ion:101 Resp: 104002
Ion Ratio Lower Upper
101 100
103 65.0 50.4 75.6

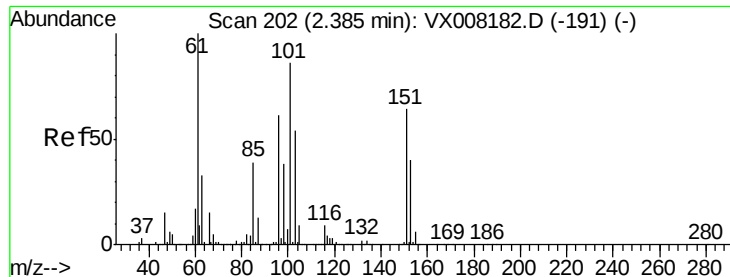


#8

Diethyl Ether
Concen: 18.826 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX008181.D
Acq: 19 Mar 2019 10:44

Tgt Ion: 74 Resp: 58708
Ion Ratio Lower Upper
74 100
45 111.3 52.1 156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.787 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX008181.D

Acq: 19 Mar 2019 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

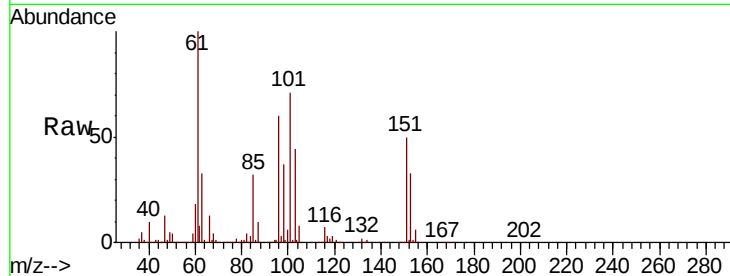
Tgt Ion:101 Resp: 73893

Ion Ratio Lower Upper

101 100

85 45.1 33.8 50.6

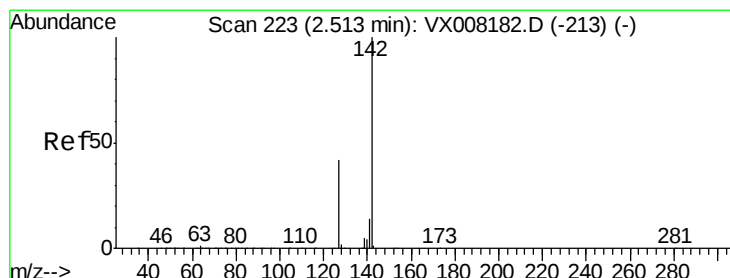
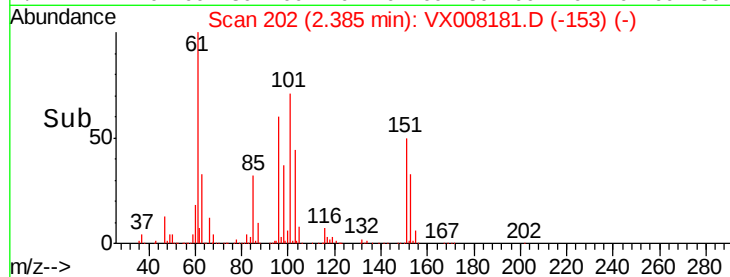
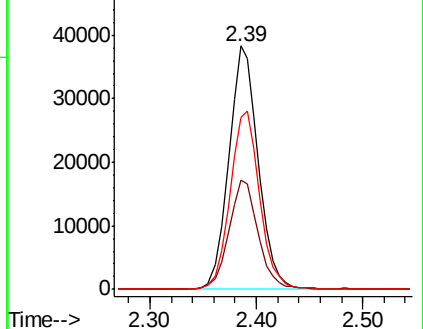
151 73.6 69.1 103.7



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: 17.685 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX008181.D

Acq: 19 Mar 2019 10:44

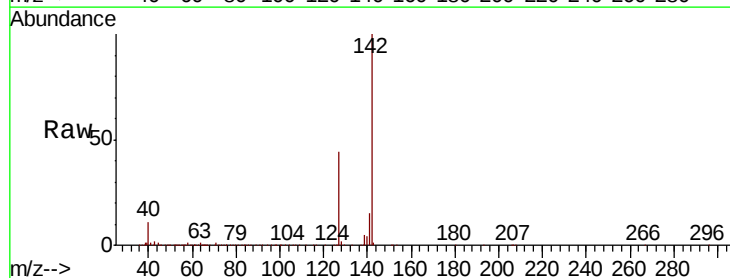
Tgt Ion:142 Resp: 92127

Ion Ratio Lower Upper

142 100

127 42.7 32.1 48.1

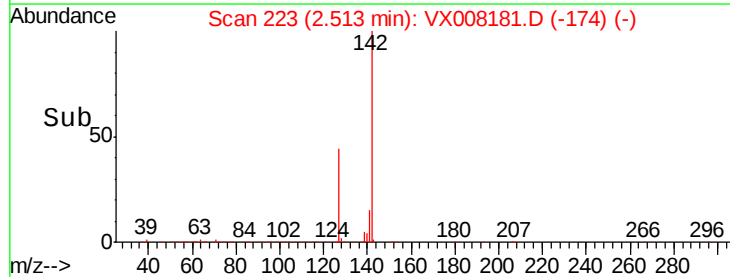
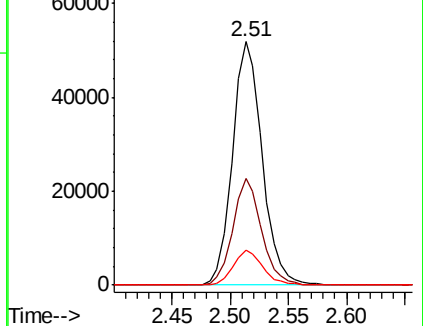
141 14.4 11.4 17.2

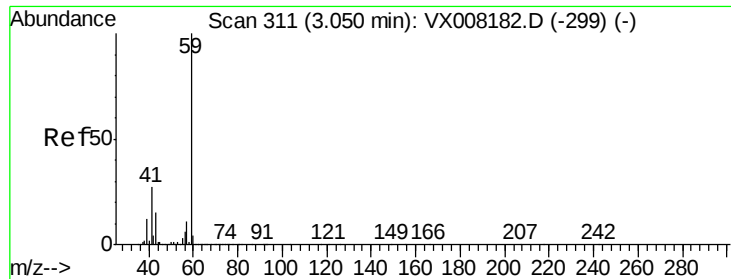


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

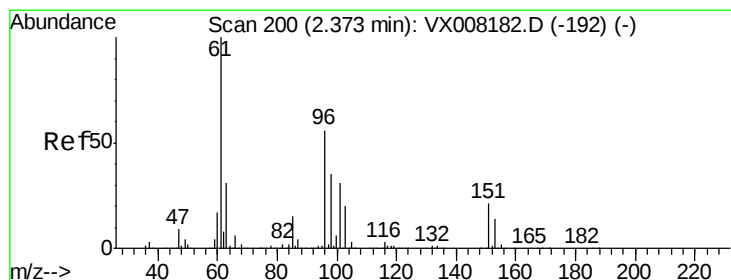
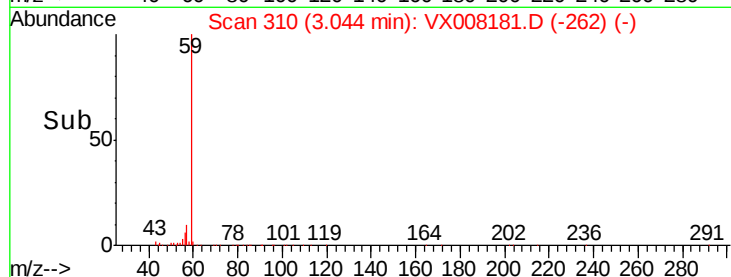
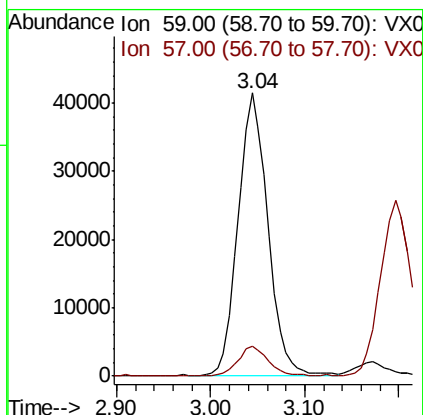
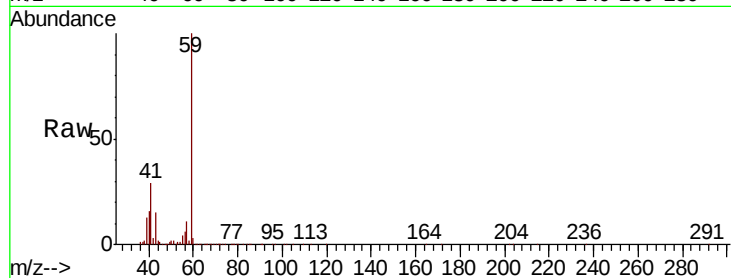




#11
Tert butyl alcohol
Concen: 92.605 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX008181.D
Acq: 19 Mar 2019 10:44

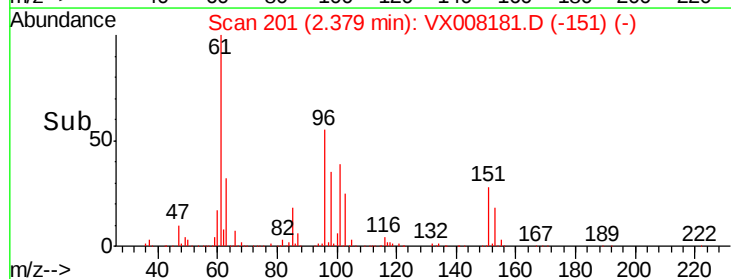
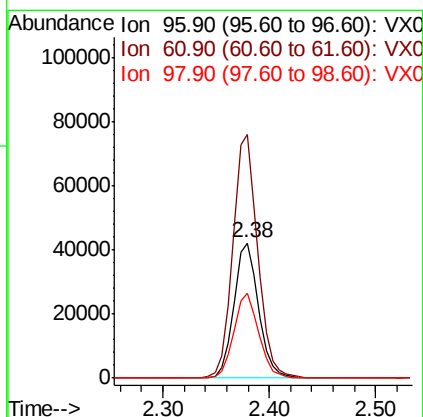
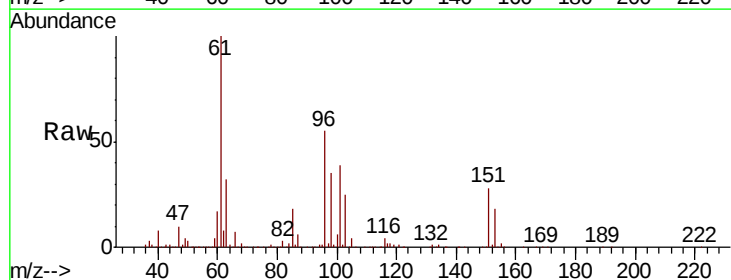
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

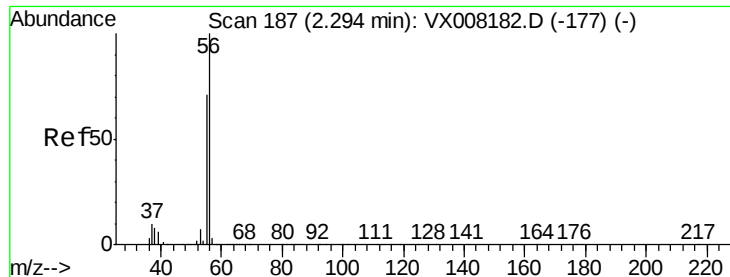
Tgt Ion: 59 Resp: 91470
Ion Ratio Lower Upper
59 100
57 11.3 8.2 12.2



#12
1,1-Dichloroethene
Concen: 18.427 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX008181.D
Acq: 19 Mar 2019 10:44

Tgt Ion: 96 Resp: 68704
Ion Ratio Lower Upper
96 100
61 180.1 129.8 194.6
98 63.0 51.0 76.6





#13

Acrolein

Concen: 100.646 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX008181.D

Acq: 19 Mar 2019 10:44

Instrument :

MSVOA_X

ClientSampleId :

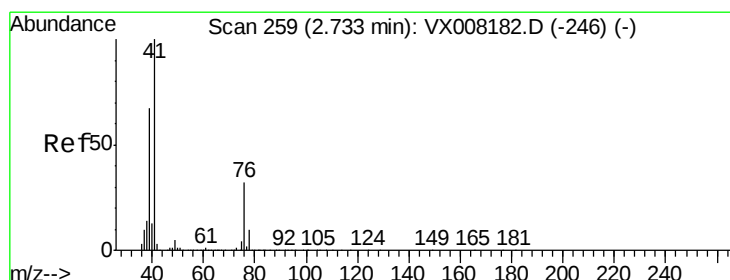
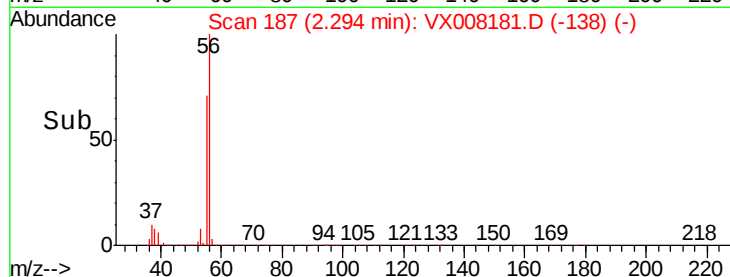
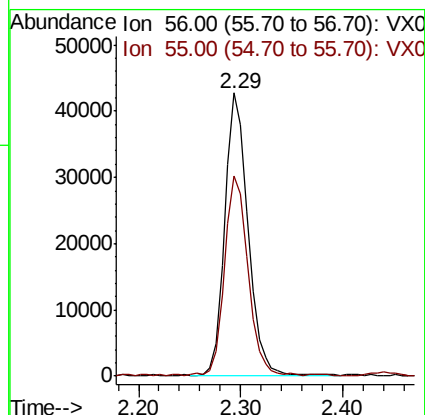
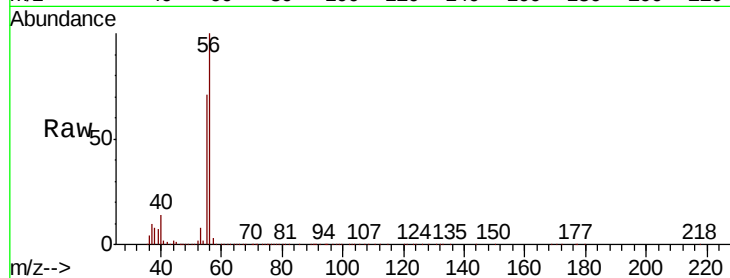
VSTDIC020

Tgt Ion: 56 Resp: 67419

Ion Ratio Lower Upper

56 100

55 70.9 57.8 86.6



#14

Allyl chloride

Concen: 18.190 ug/l

RT: 2.73 min Scan# 259

Delta R.T. -0.00 min

Lab File: VX008181.D

Acq: 19 Mar 2019 10:44

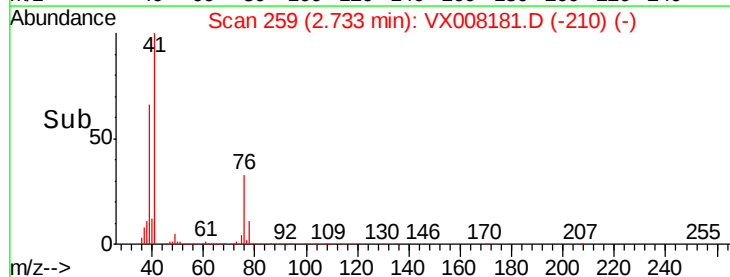
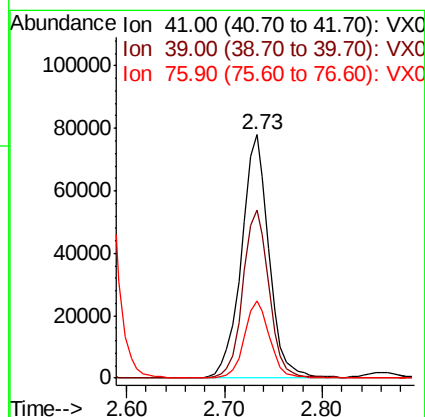
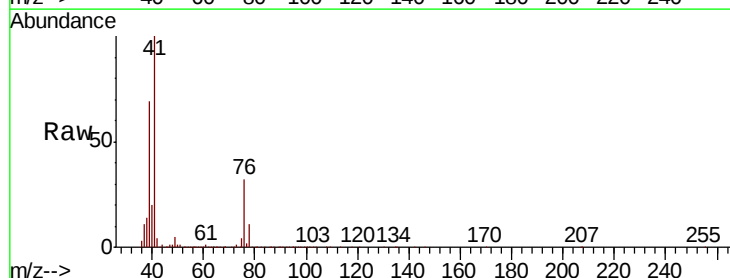
Tgt Ion: 41 Resp: 151074

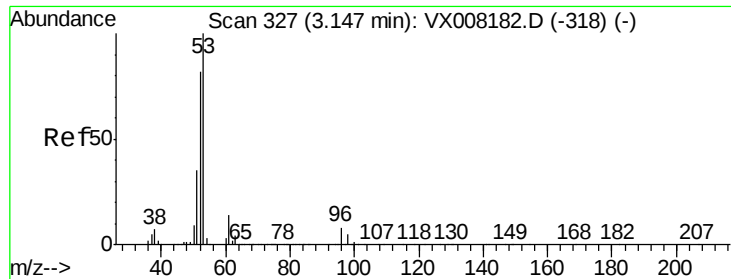
Ion Ratio Lower Upper

41 100

39 66.3 46.1 69.1

76 28.8 24.0 36.0





#15

Acrylonitrile

Concen: 93.881 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX008181.D

Acq: 19 Mar 2019 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

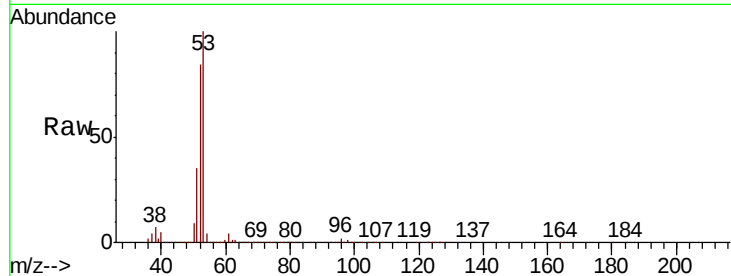
Tgt Ion: 53 Resp: 247473

Ion Ratio Lower Upper

53 100

52 82.8 66.0 99.0

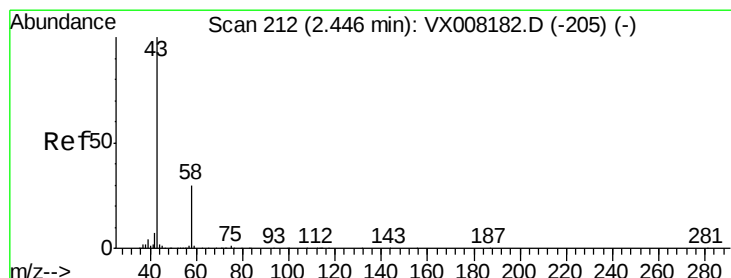
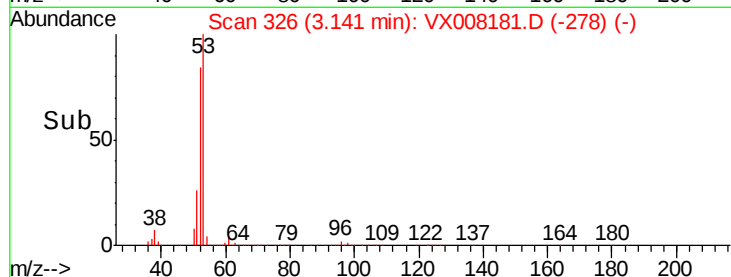
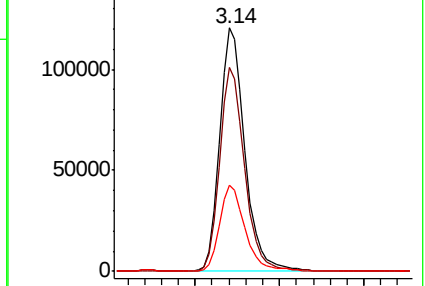
51 36.0 28.0 42.0



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: 99.556 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX008181.D

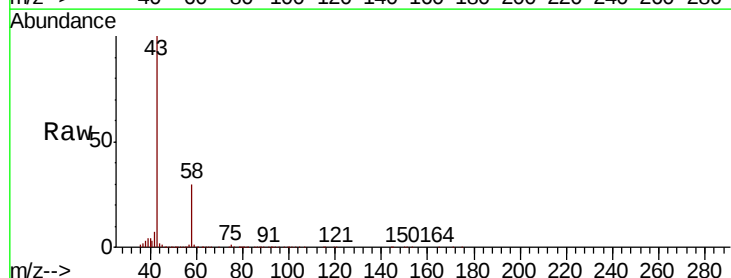
Acq: 19 Mar 2019 10:44

Tgt Ion: 43 Resp: 256043

Ion Ratio Lower Upper

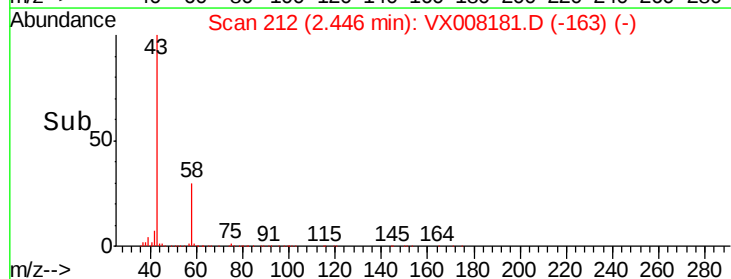
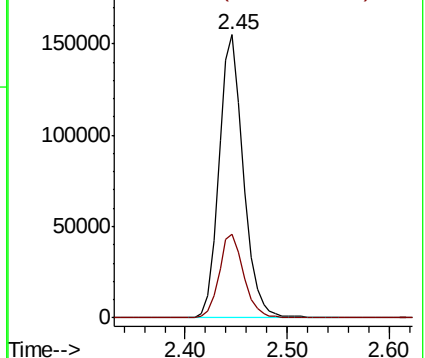
43 100

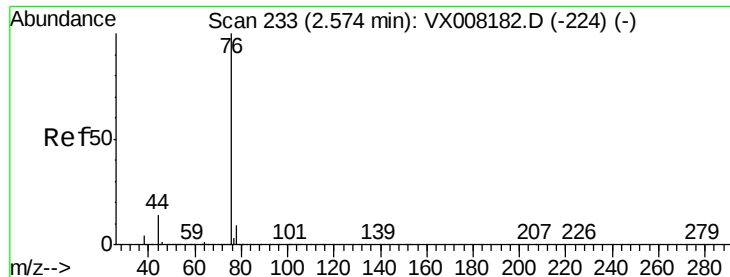
58 29.7 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

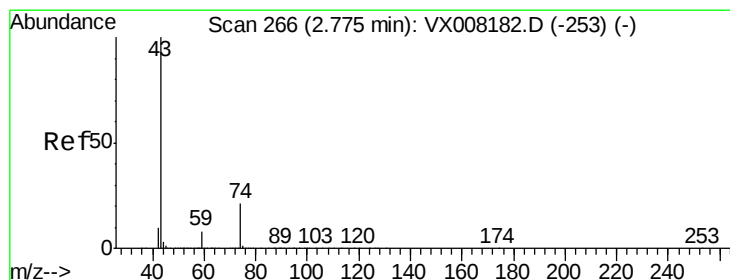
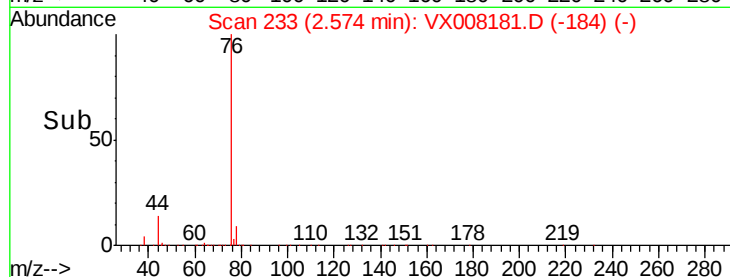
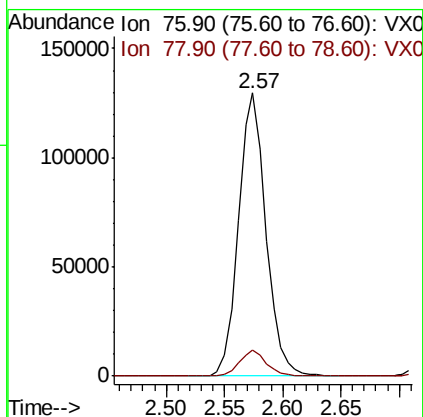
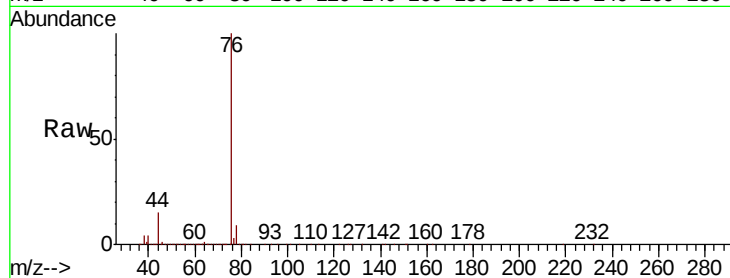




#17
Carbon Disulfide
Concen: 18.290 ug/l
RT: 2.57 min Scan# 233
Delta R.T. -0.00 min
Lab File: VX008181.D
Acq: 19 Mar 2019 10:44

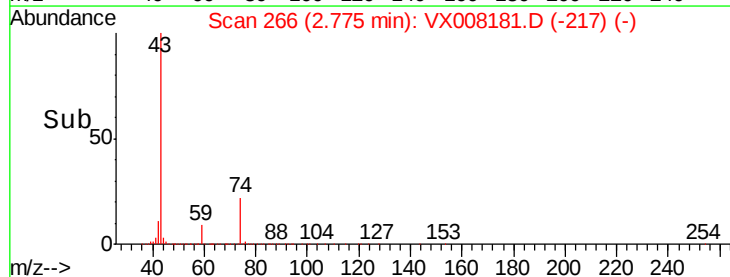
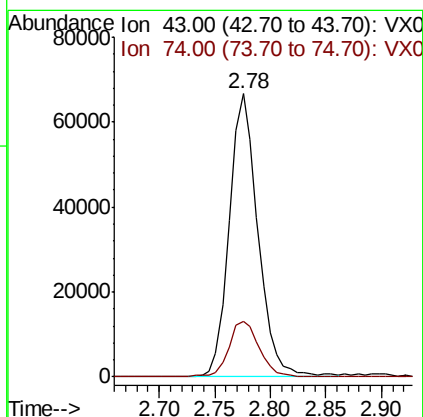
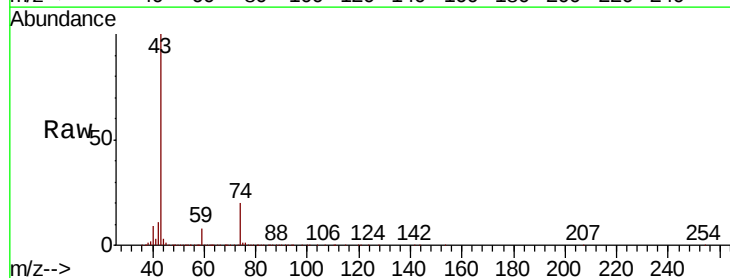
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

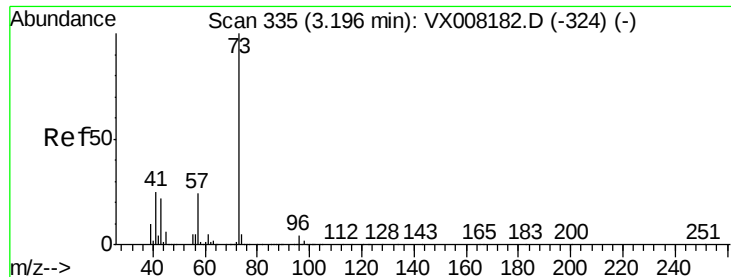
Tgt Ion: 76 Resp: 212770
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8



#18
Methyl Acetate
Concen: 18.740 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX008181.D
Acq: 19 Mar 2019 10:44

Tgt Ion: 43 Resp: 117743
Ion Ratio Lower Upper
43 100
74 21.4 17.8 26.6



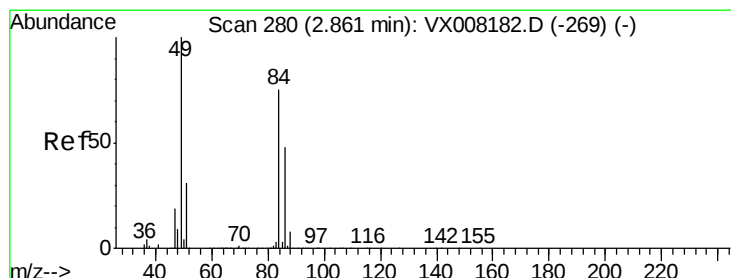
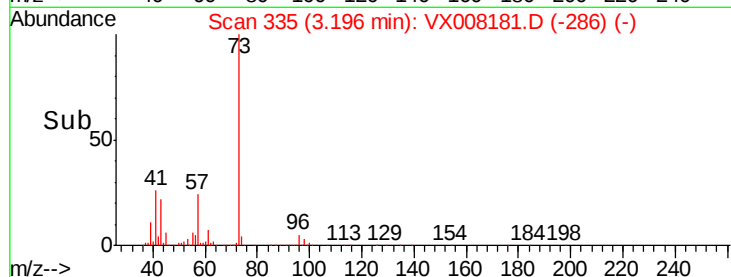
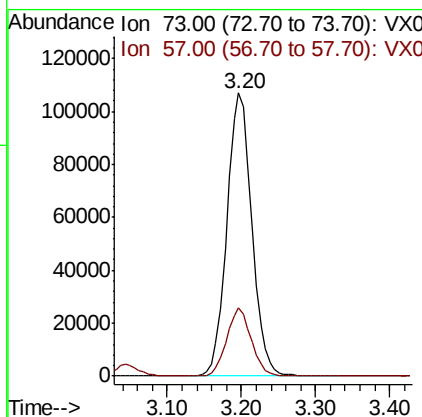
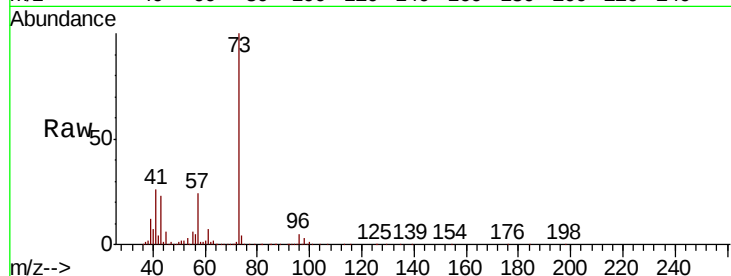


#19

Methyl tert-butyl Ether
 Concen: 18.279 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. -0.00 min
 Lab File: VX008181.D
 Acq: 19 Mar 2019 10:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

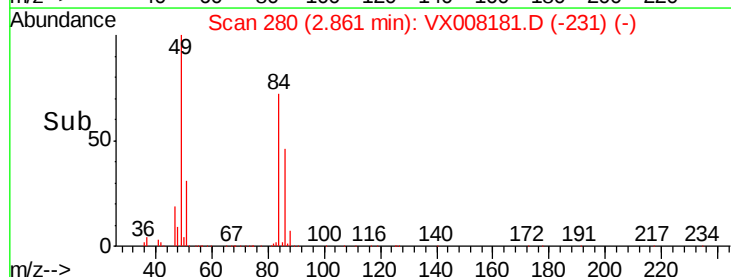
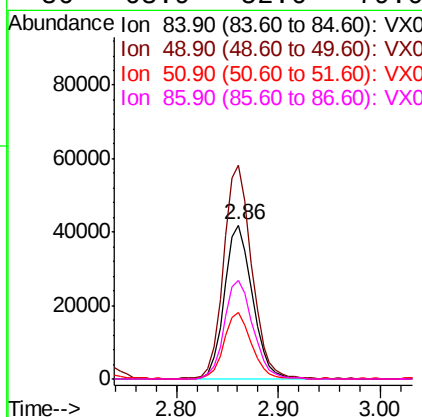
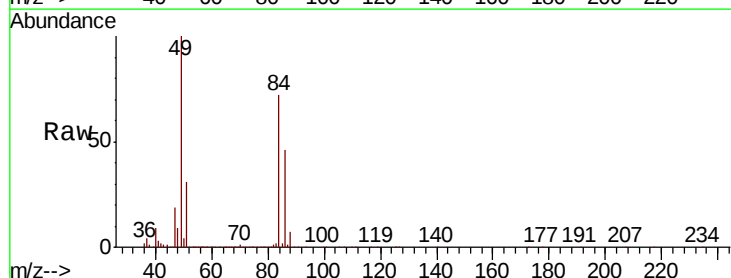
Tgt Ion: 73 Resp: 249997
 Ion Ratio Lower Upper
 73 100
 57 24.2 18.2 27.4

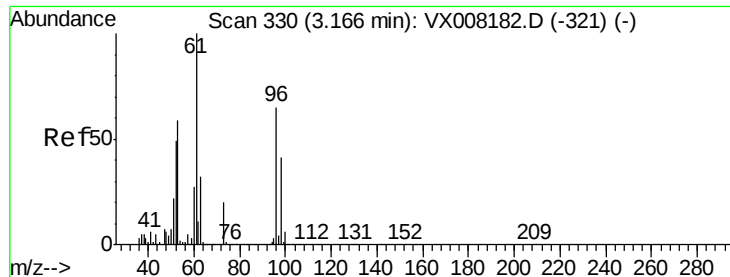


#20

Methylene Chloride
 Concen: 18.729 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. -0.00 min
 Lab File: VX008181.D
 Acq: 19 Mar 2019 10:44

Tgt Ion: 84 Resp: 79786
 Ion Ratio Lower Upper
 84 100
 49 138.4 99.3 148.9
 51 42.6 31.3 46.9
 86 63.9 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 18.686 ug/l

RT: 3.17 min Scan# 331

Delta R.T. 0.01 min

Lab File: VX008181.D

Acq: 19 Mar 2019 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

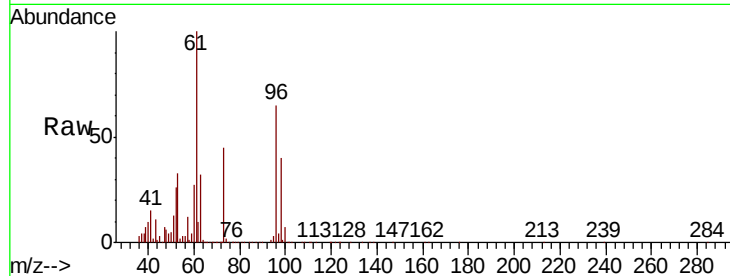
Tgt Ion: 96 Resp: 73847

Ion Ratio Lower Upper

96 100

61 154.2 114.4 171.6

98 61.7 51.1 76.7

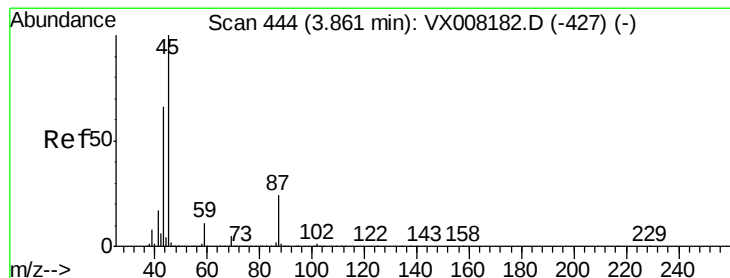
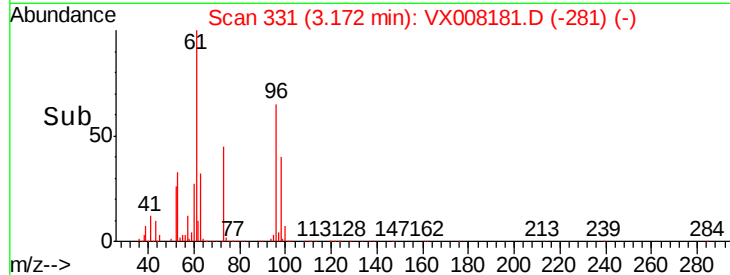
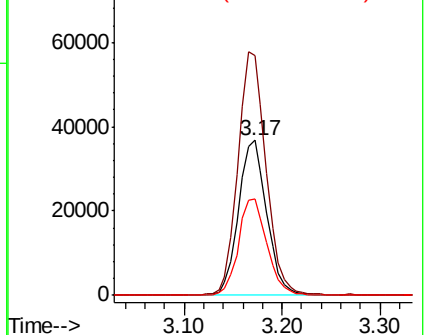


Abundance

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: 18.339 ug/l

RT: 3.86 min Scan# 444

Delta R.T. -0.00 min

Lab File: VX008181.D

Acq: 19 Mar 2019 10:44

Tgt Ion: 45 Resp: 299015

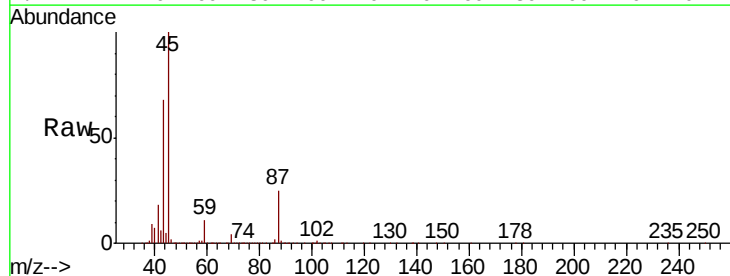
Ion Ratio Lower Upper

45 100

43 67.6 45.3 67.9

87 24.7 21.4 32.0

59 10.6 9.5 14.3



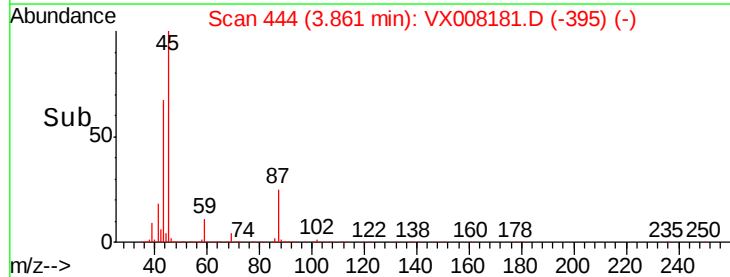
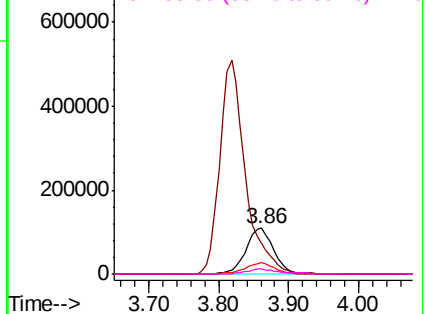
Abundance

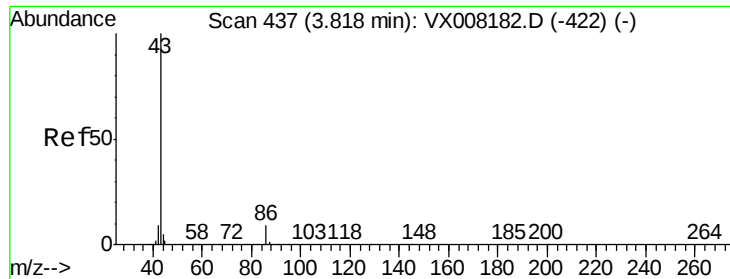
Ion 45.00 (44.70 to 45.70): VX0

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: 90.483 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.00 min

Lab File: VX008181.D

Acq: 19 Mar 2019 10:44

Instrument :

MSVOA_X

ClientSampleId :

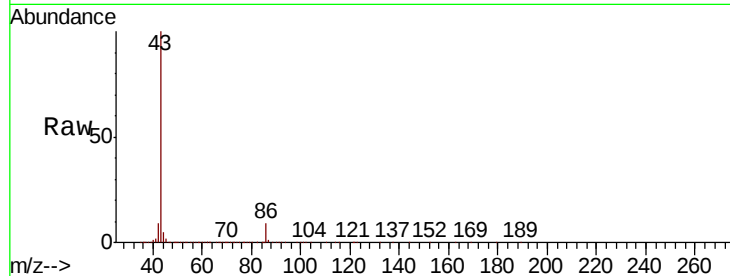
VSTDIC020

Tgt Ion: 43 Resp: 1300923

Ion Ratio Lower Upper

43 100

86 8.7 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

600000

500000

400000

300000

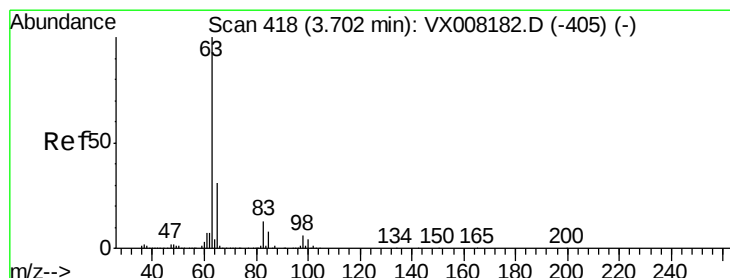
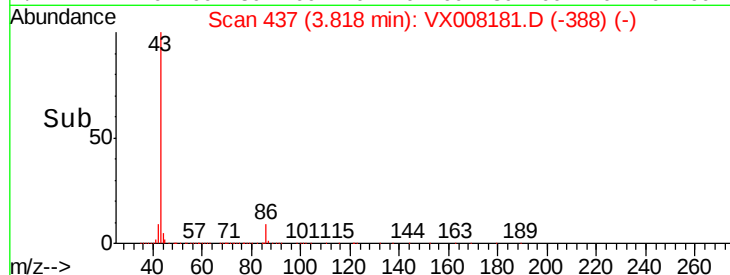
200000

100000

0

3.70 3.80 3.90 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 18.553 ug/l

RT: 3.70 min Scan# 418

Delta R.T. -0.00 min

Lab File: VX008181.D

Acq: 19 Mar 2019 10:44

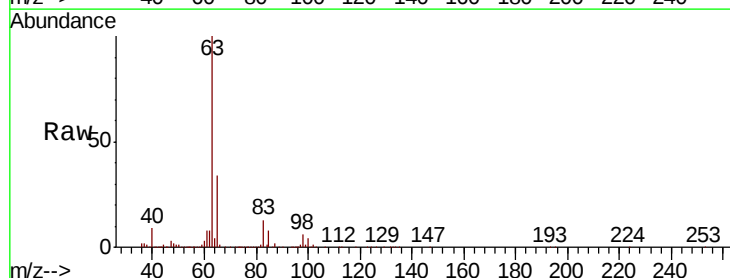
Tgt Ion: 63 Resp: 152264

Ion Ratio Lower Upper

63 100

98 6.3 3.3 9.8

100 3.9 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

80000

60000

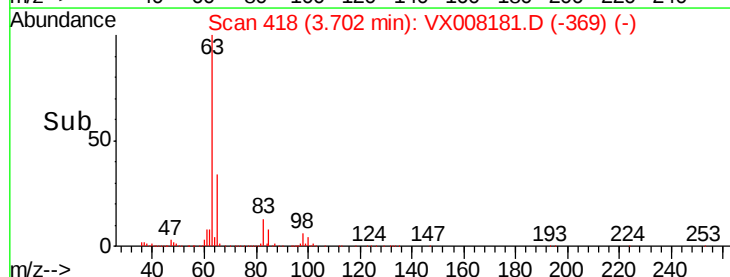
40000

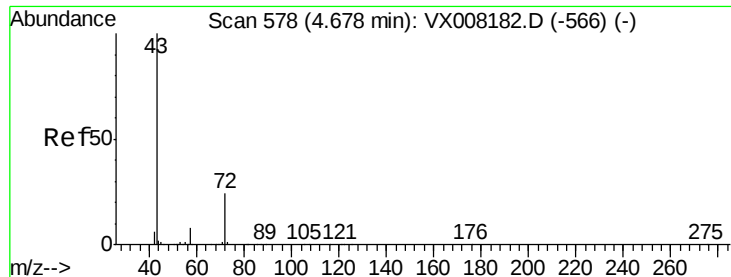
20000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 94.384 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.01 min

Lab File: VX008181.D

Acq: 19 Mar 2019 10:44

Instrument :

MSVOA_X

ClientSampleId :

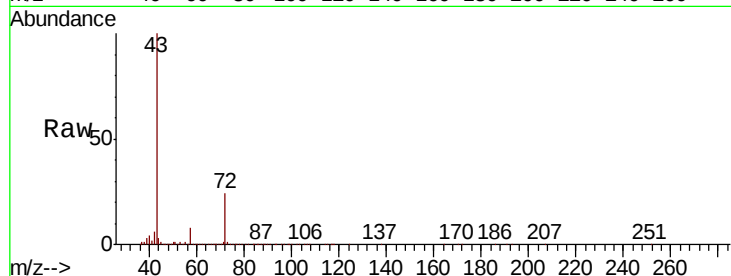
VSTDIC020

Tgt Ion: 43 Resp: 372658

Ion Ratio Lower Upper

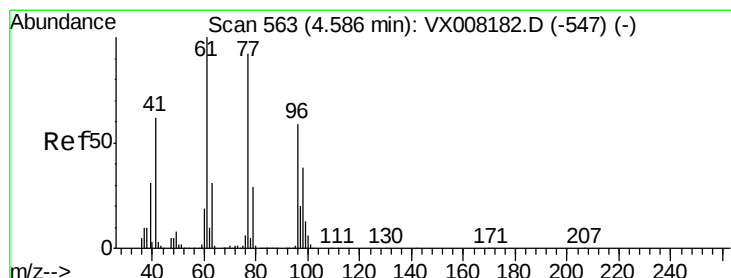
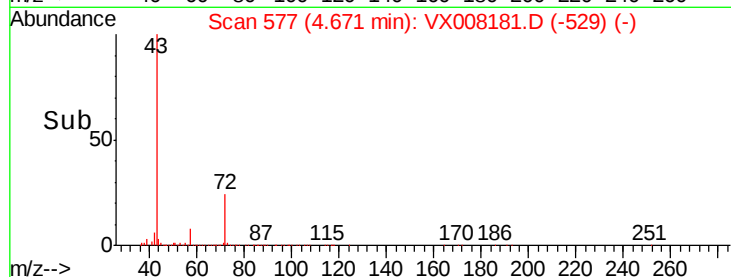
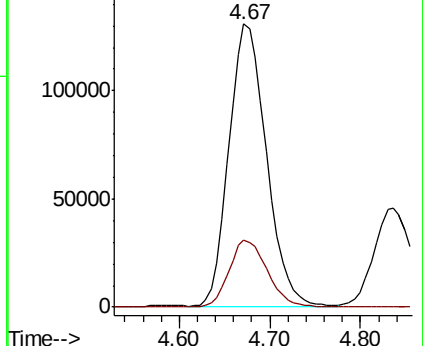
43 100

72 23.5 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 17.710 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX008181.D

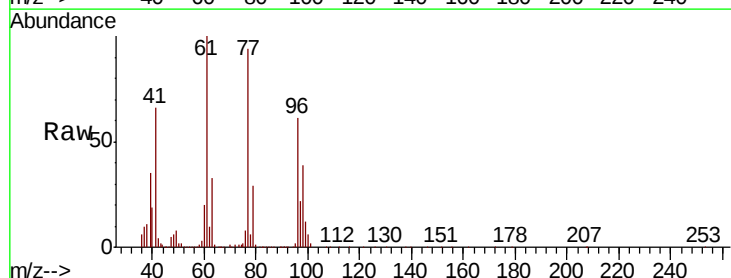
Acq: 19 Mar 2019 10:44

Tgt Ion: 77 Resp: 110641

Ion Ratio Lower Upper

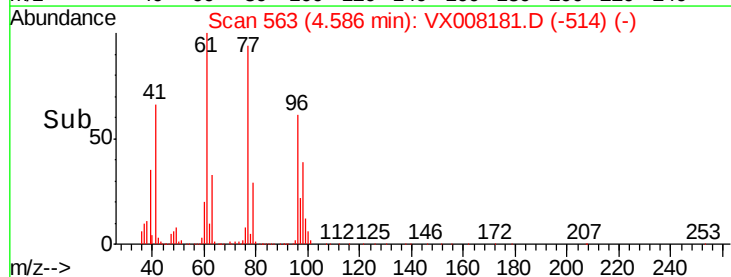
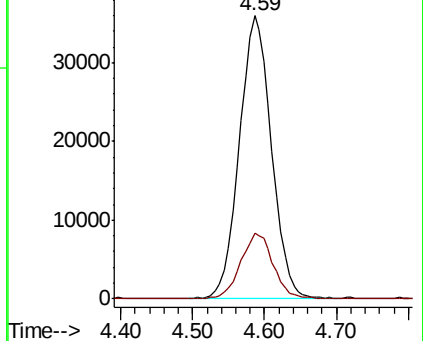
77 100

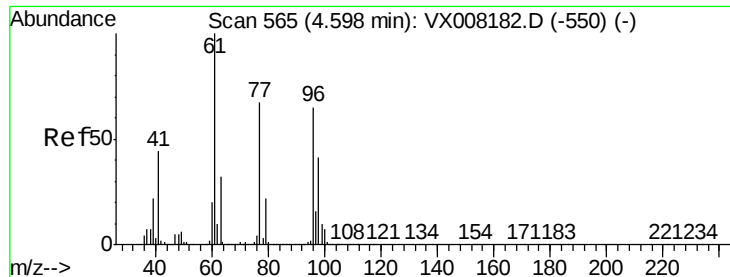
97 23.8 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



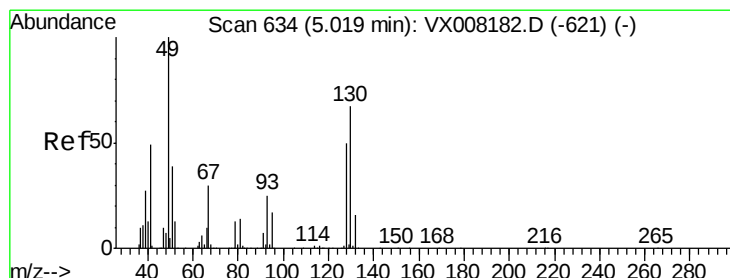
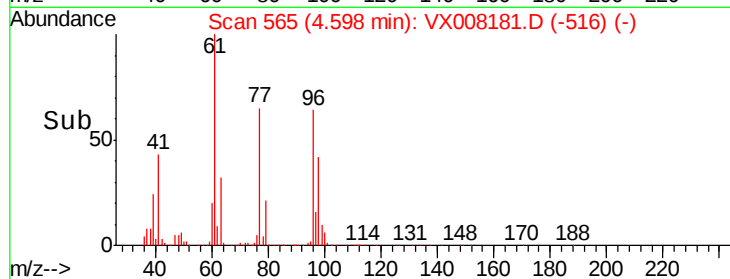
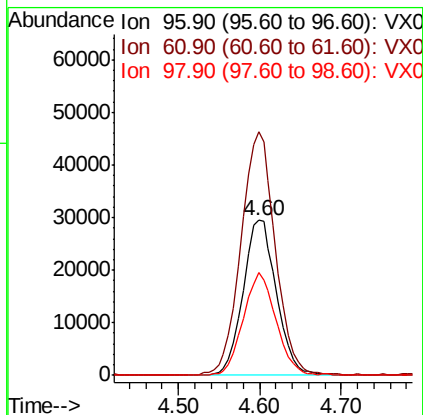
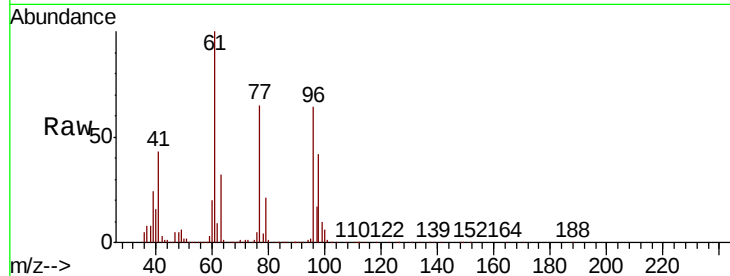


#27

cis-1,2-Dichloroethene
Concen: 18.459 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX008181.D
Acq: 19 Mar 2019 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

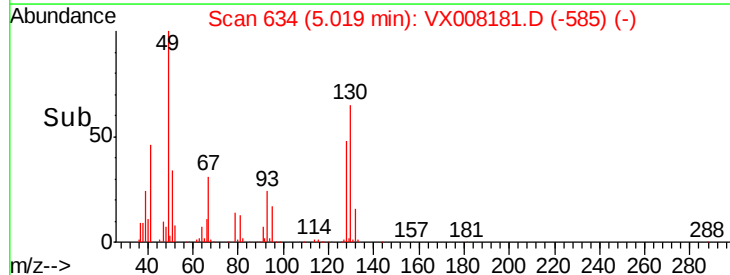
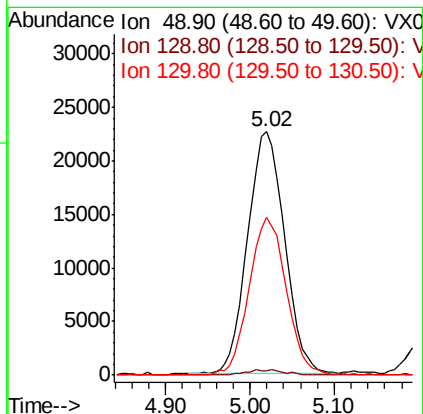
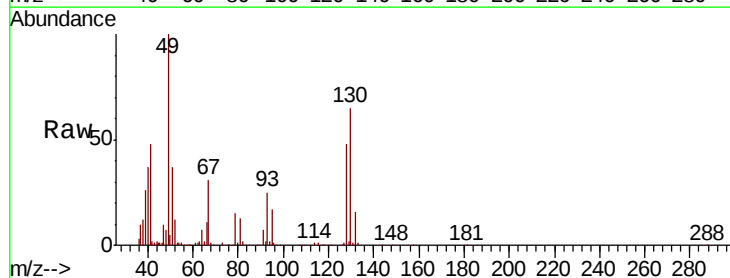
Tgt Ion: 96 Resp: 83780
Ion Ratio Lower Upper
96 100
61 160.1 0.0 288.0
98 64.9 0.0 129.0

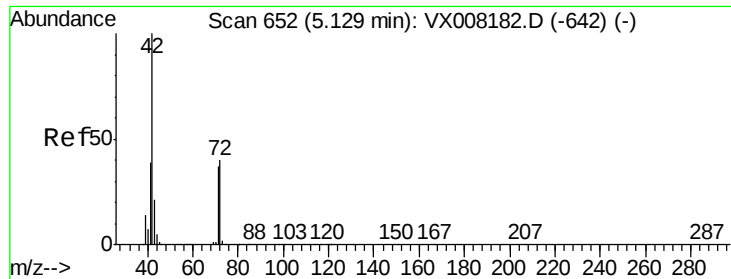


#28

Bromochloromethane
Concen: 19.725 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX008181.D
Acq: 19 Mar 2019 10:44

Tgt Ion: 49 Resp: 68032
Ion Ratio Lower Upper
49 100
129 2.2 0.0 4.0
130 65.0 65.0 97.4





#29

Tetrahydrofuran

Concen: 92.216 ug/l

RT: 5.13 min Scan# 652

Delta R.T. -0.00 min

Lab File: VX008181.D

Acq: 19 Mar 2019 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

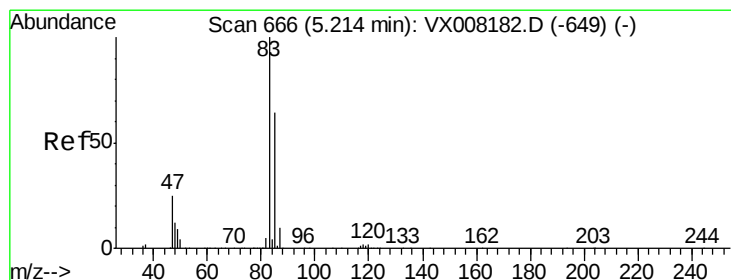
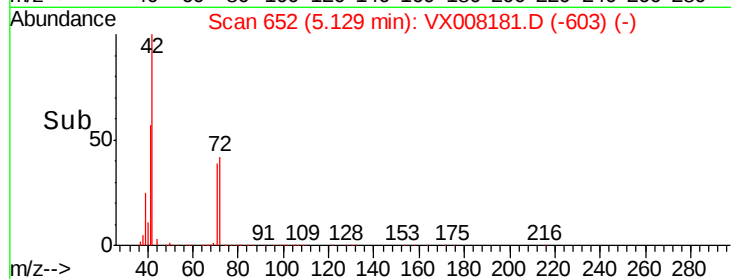
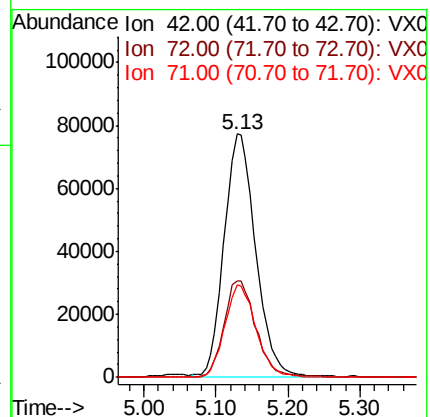
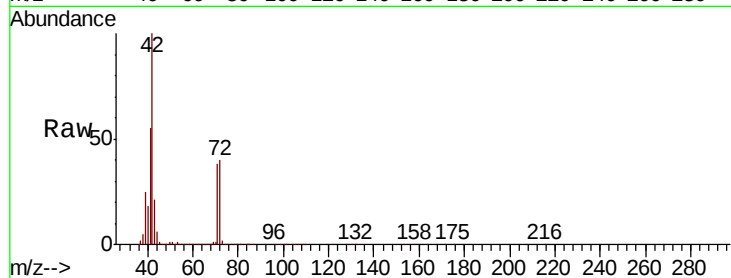
Tgt Ion: 42 Resp: 234595

Ion Ratio Lower Upper

42 100

72 39.9 33.8 50.6

71 37.6 31.5 47.3



#30

Chloroform

Concen: 18.472 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX008181.D

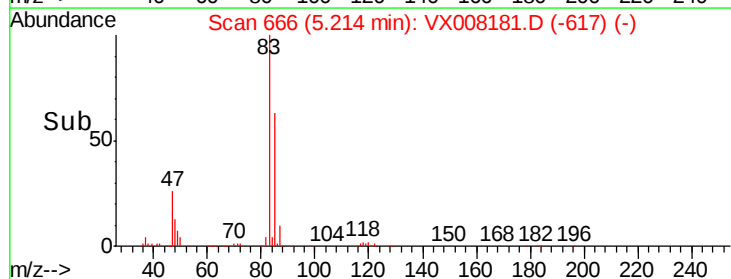
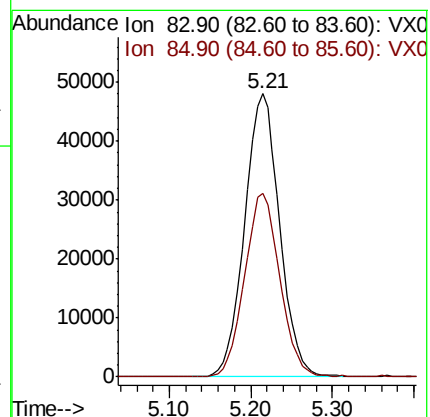
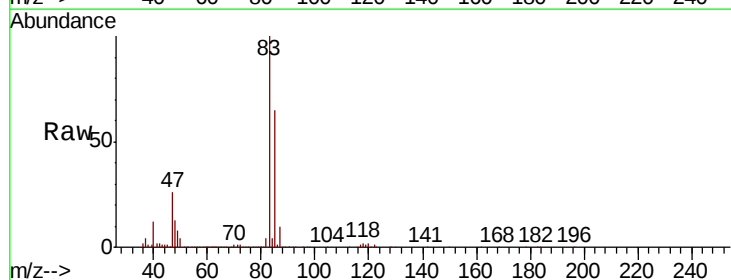
Acq: 19 Mar 2019 10:44

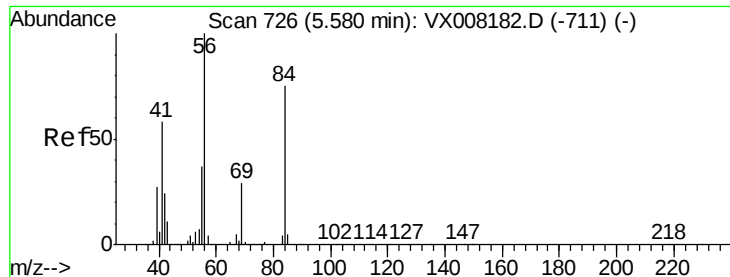
Tgt Ion: 83 Resp: 142385

Ion Ratio Lower Upper

83 100

85 64.7 51.8 77.6

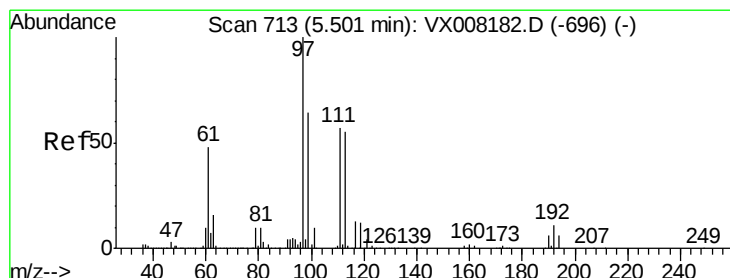
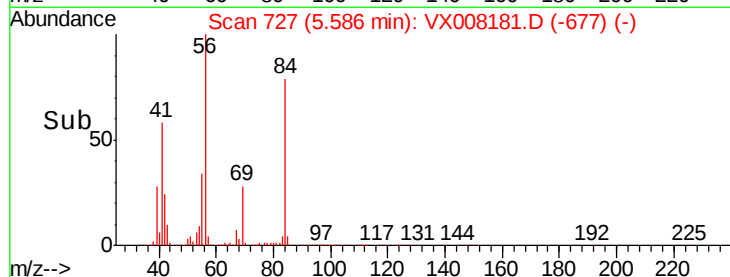
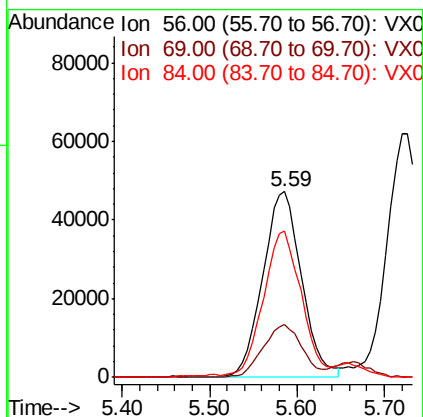
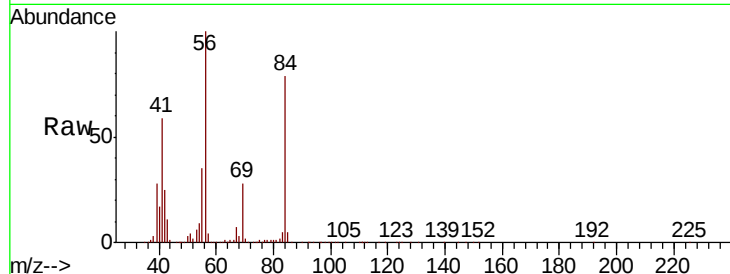




#31
Cyclohexane
Concen: 18.112 ug/l
RT: 5.59 min Scan# 727
Delta R.T. 0.01 min
Lab File: VX008181.D
Acq: 19 Mar 2019 10:44

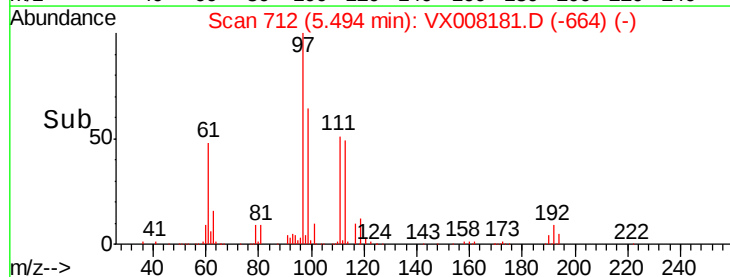
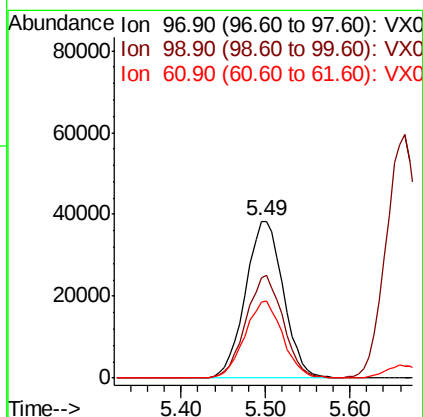
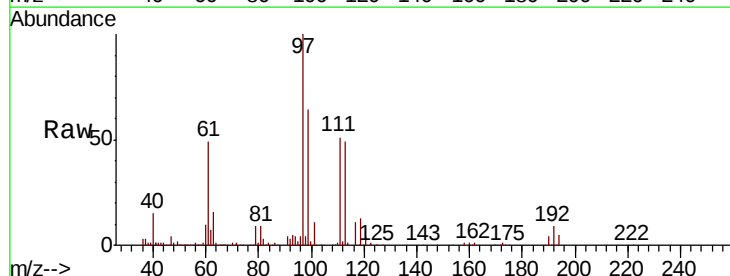
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

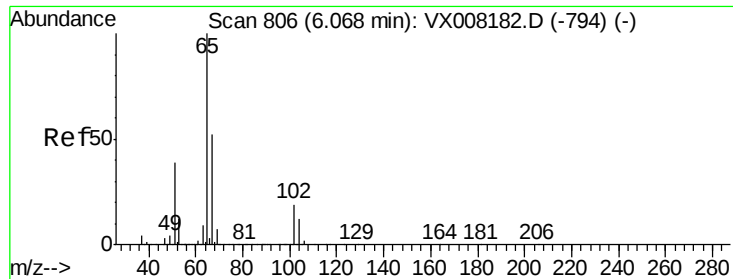
Tgt Ion: 56 Resp: 145239
Ion Ratio Lower Upper
56 100
69 28.1 24.0 36.0
84 78.3 65.3 97.9



#32
1,1,1-Trichloroethane
Concen: 18.154 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX008181.D
Acq: 19 Mar 2019 10:44

Tgt Ion: 97 Resp: 117544
Ion Ratio Lower Upper
97 100
99 64.3 52.2 78.2
61 49.4 34.9 52.3





#33

1,2-Dichloroethane-d4

Concen: 17.627 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX008181.D

Acq: 19 Mar 2019 10:44

Instrument :

MSVOA_X

ClientSampleId :

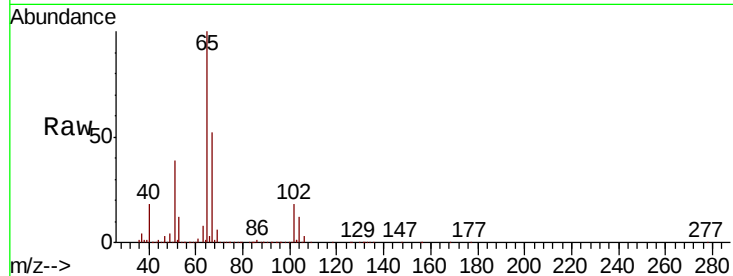
VSTDIC020

Tgt Ion: 65 Resp: 77343

Ion Ratio Lower Upper

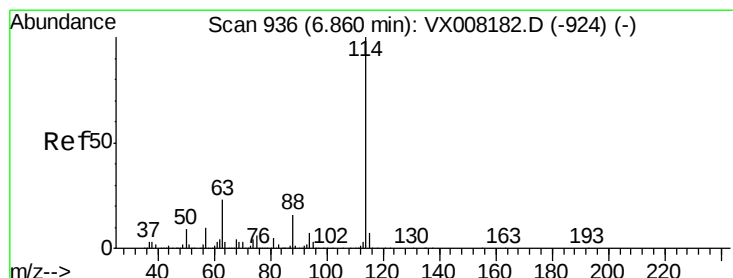
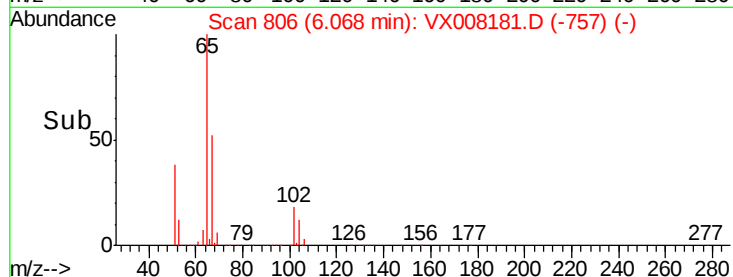
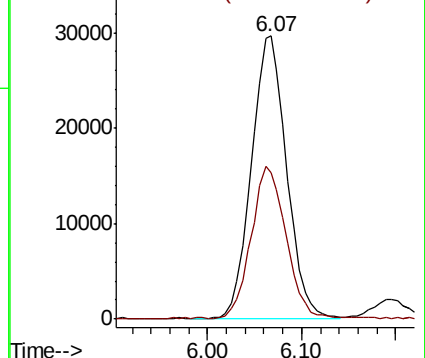
65 100

67 53.4 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: VX008181.D

Acq: 19 Mar 2019 10:44

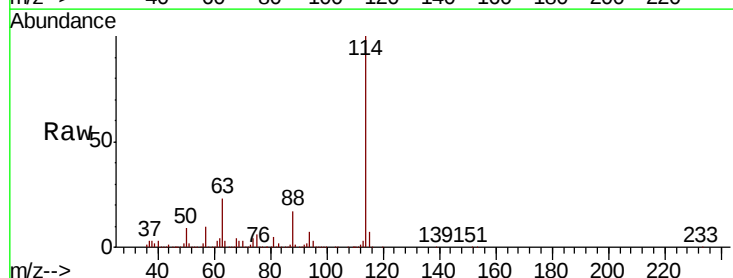
Tgt Ion: 114 Resp: 472911

Ion Ratio Lower Upper

114 100

63 23.2 0.0 39.8

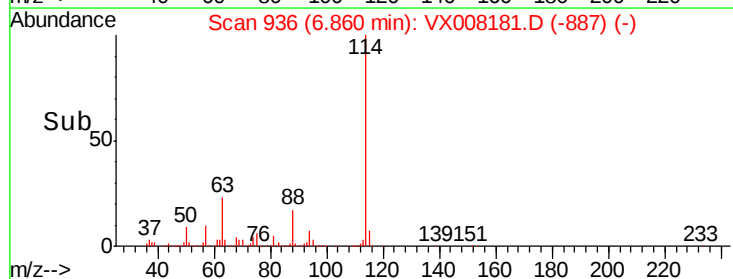
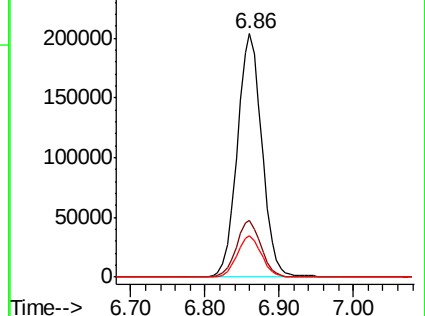
88 16.9 0.0 31.4

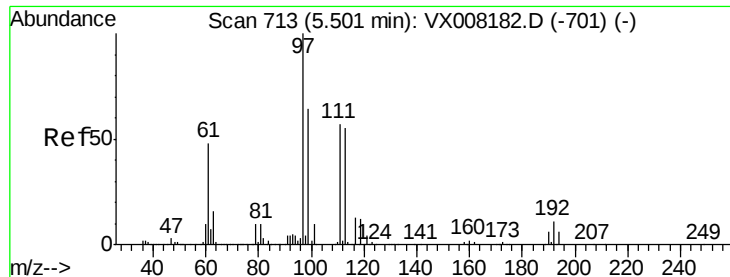


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 17.491 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008181.D

Acq: 19 Mar 2019 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

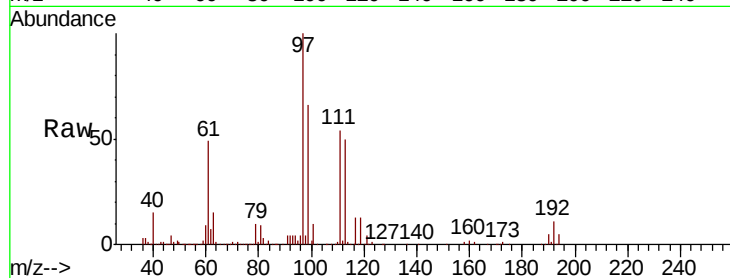
Tgt Ion:113 Resp: 57016

Ion Ratio Lower Upper

113 100

111 103.7 81.4 122.0

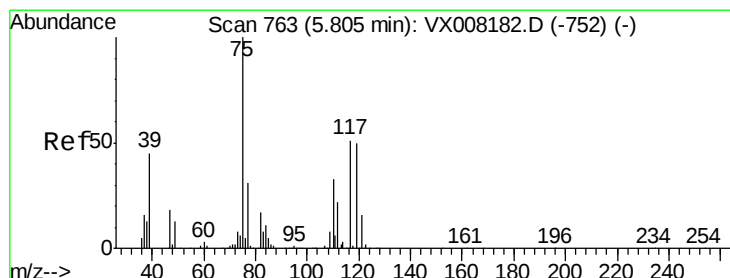
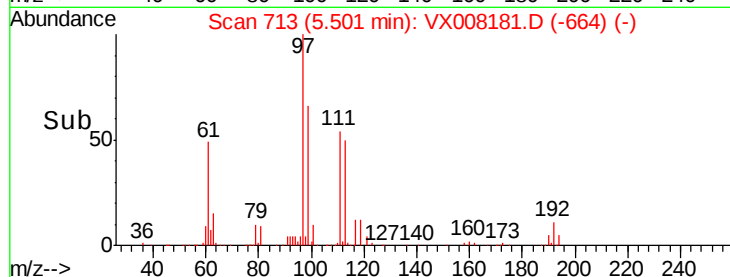
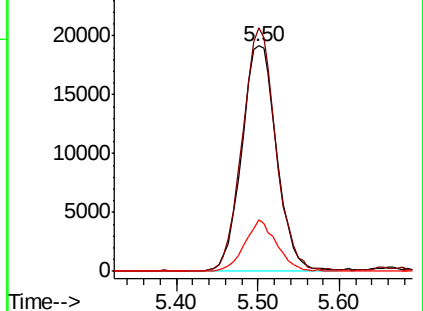
192 21.0 19.4 29.0



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: 18.237 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.01 min

Lab File: VX008181.D

Acq: 19 Mar 2019 10:44

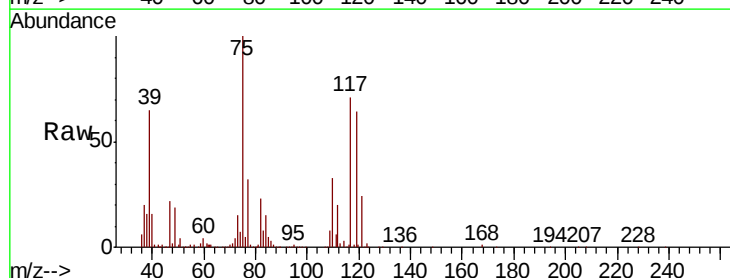
Tgt Ion: 75 Resp: 107835

Ion Ratio Lower Upper

75 100

110 33.9 18.4 55.0

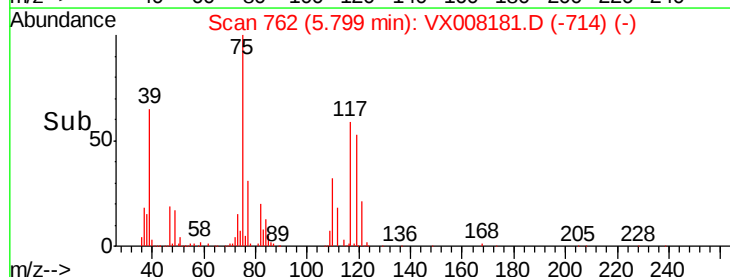
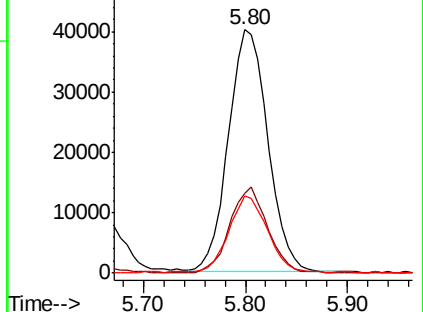
77 31.0 25.0 37.4

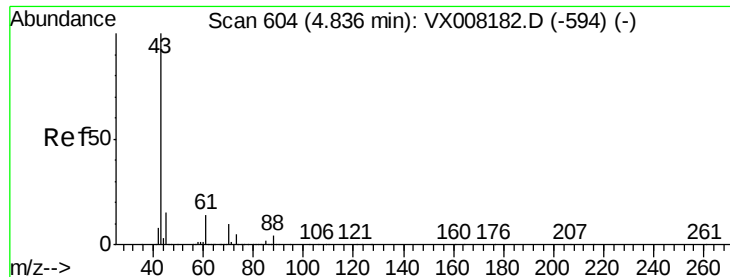


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

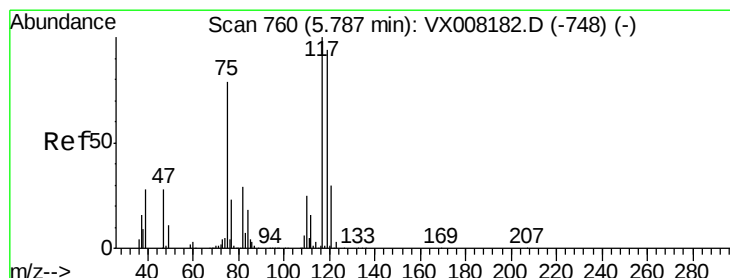
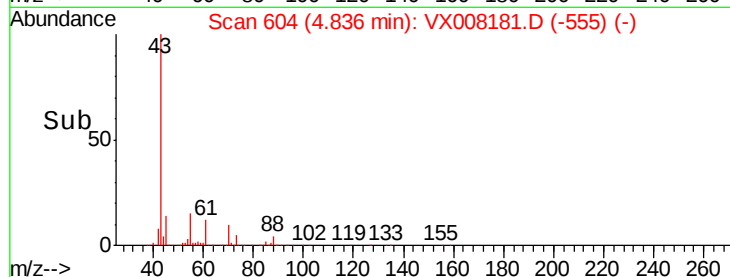
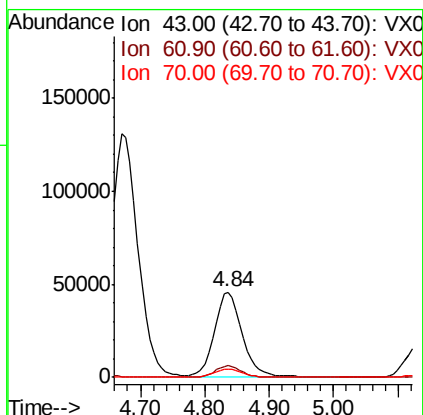
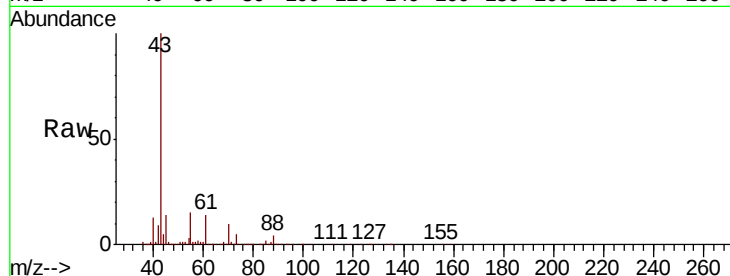




#37
Ethyl Acetate
Concen: 18.623 ug/l
RT: 4.84 min Scan# 604
Delta R.T. -0.00 min
Lab File: VX008181.D
Acq: 19 Mar 2019 10:44

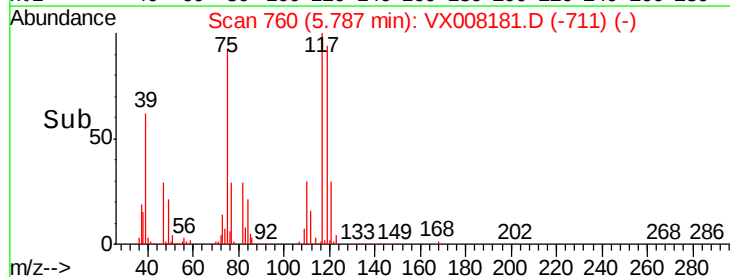
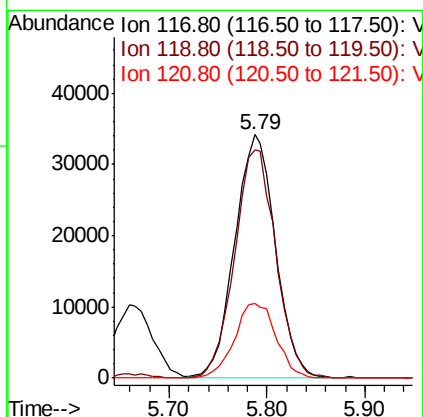
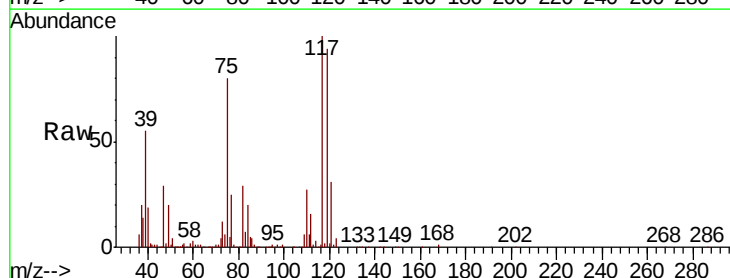
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

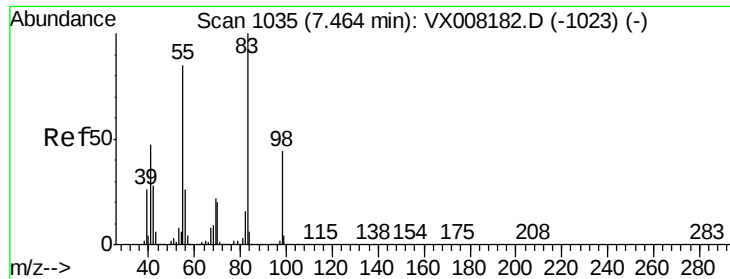
Tgt Ion: 43 Resp: 137146
Ion Ratio Lower Upper
43 100
61 12.8 11.3 16.9
70 9.8 8.5 12.7



#38
Carbon Tetrachloride
Concen: 18.163 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX008181.D
Acq: 19 Mar 2019 10:44

Tgt Ion: 117 Resp: 98154
Ion Ratio Lower Upper
117 100
119 93.5 76.2 114.2
121 30.7 24.6 36.8

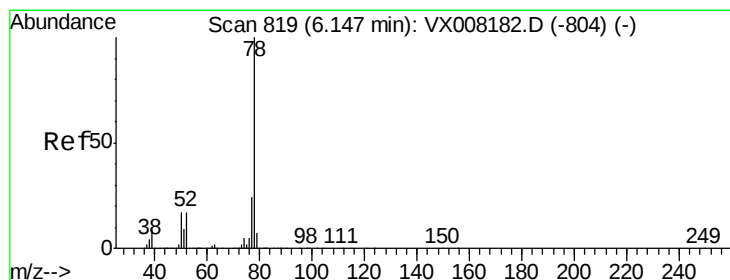
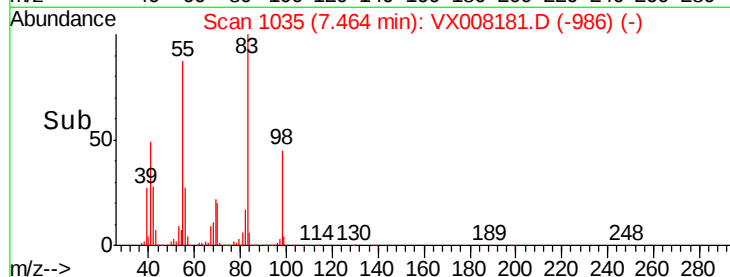
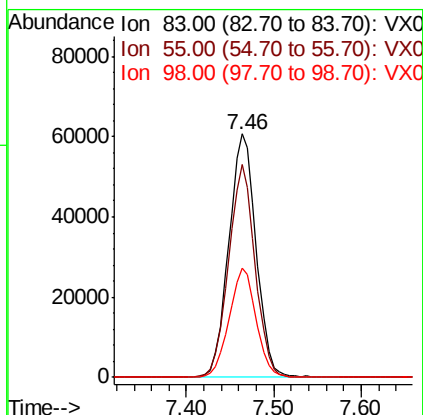
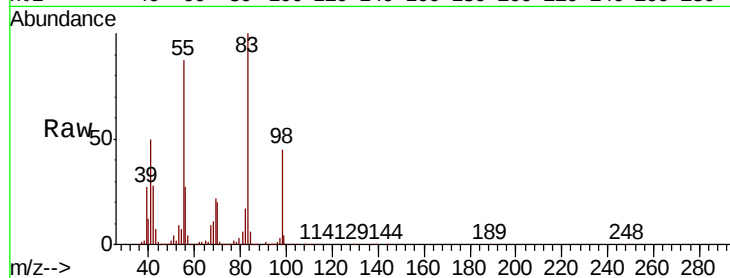




#39
Methylcyclohexane
Concen: 18.004 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX008181.D
Acq: 19 Mar 2019 10:44

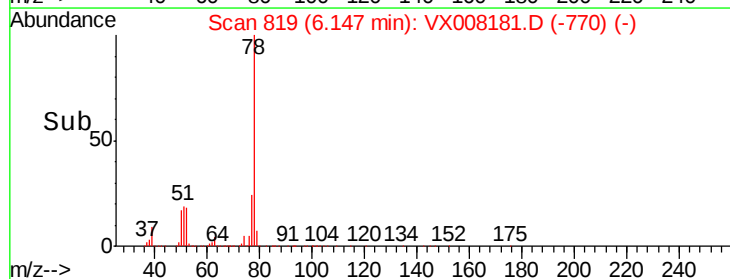
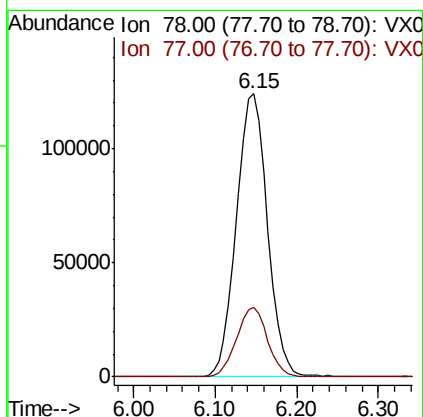
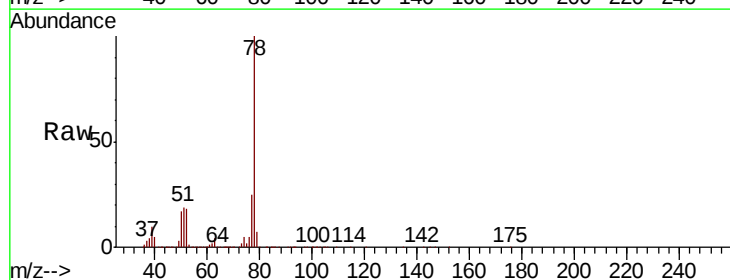
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

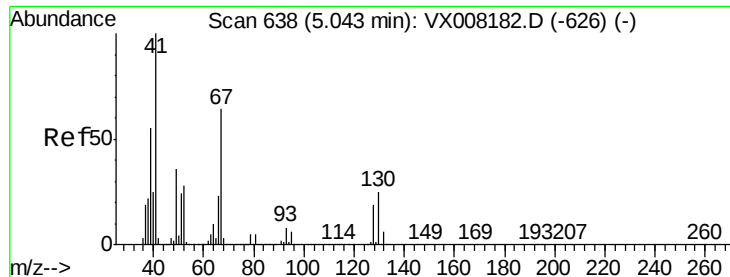
Tgt Ion: 83 Resp: 131647
Ion Ratio Lower Upper
83 100
55 87.1 60.4 90.6
98 45.0 36.5 54.7



#40
Benzene
Concen: 18.516 ug/l
RT: 6.15 min Scan# 819
Delta R.T. -0.00 min
Lab File: VX008181.D
Acq: 19 Mar 2019 10:44

Tgt Ion: 78 Resp: 328114
Ion Ratio Lower Upper
78 100
77 24.5 19.0 28.4





#41

Methacrylonitrile

Concen: 17.928 ug/l

RT: 5.04 min Scan# 638

Delta R.T. -0.00 min

Lab File: VX008181.D

Acq: 19 Mar 2019 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 41 Resp: 73943

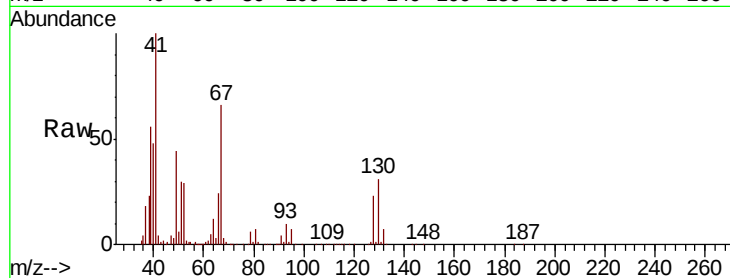
Ion Ratio Lower Upper

41 100

39 59.3 41.6 62.4

67 68.8 55.8 83.6

52 29.4 21.7 32.5

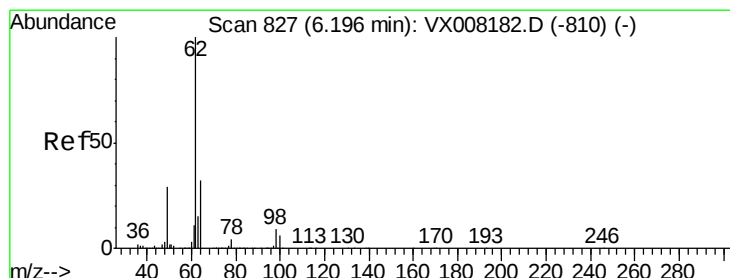
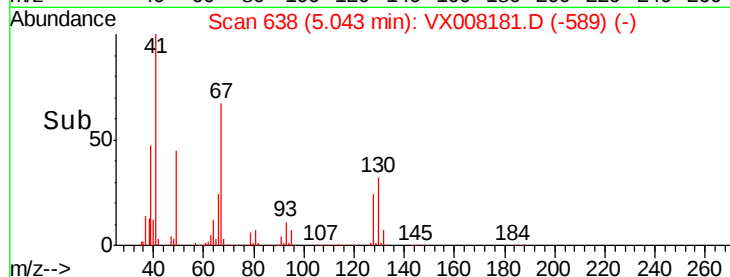
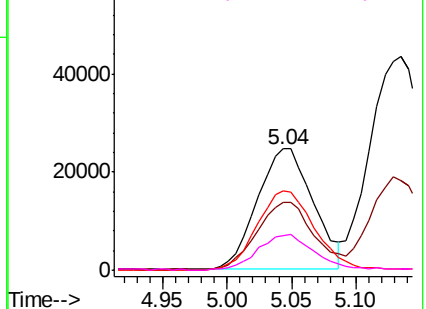


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 19.044 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX008181.D

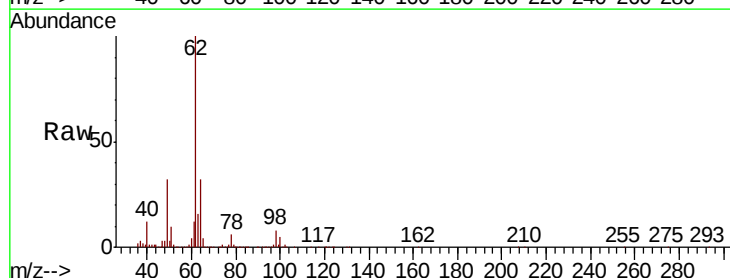
Acq: 19 Mar 2019 10:44

Tgt Ion: 62 Resp: 122075

Ion Ratio Lower Upper

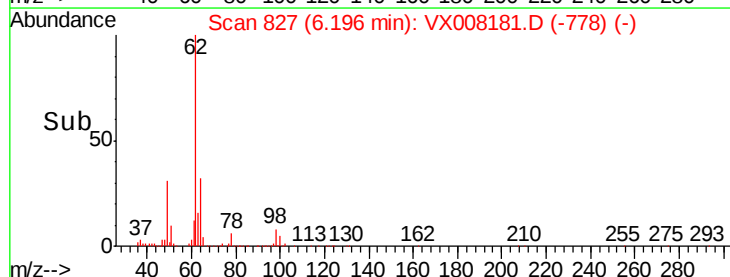
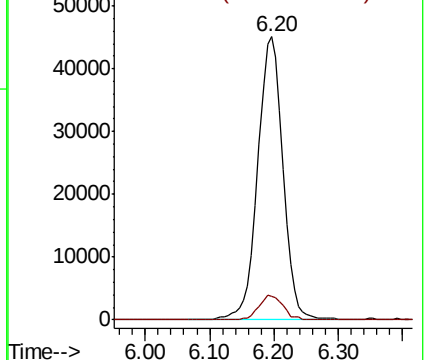
62 100

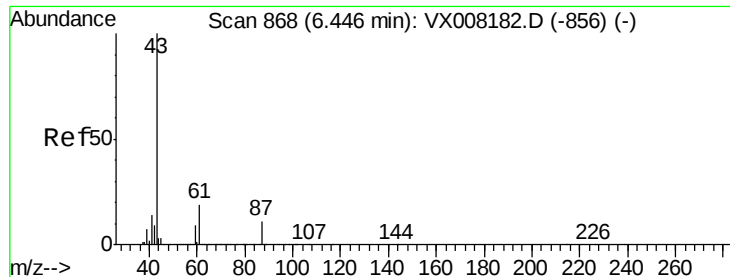
98 8.4 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 17.922 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX008181.D

Acq: 19 Mar 2019 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

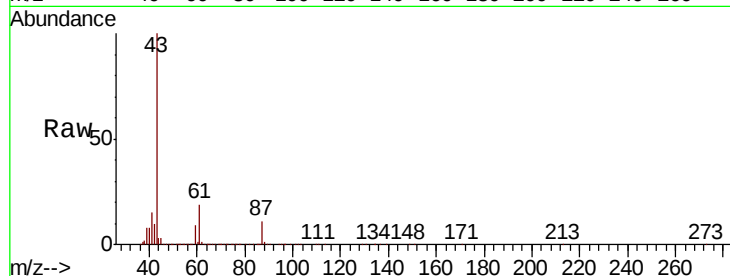
Tgt Ion: 43 Resp: 211424

Ion Ratio Lower Upper

43 100

61 19.0 16.3 24.5

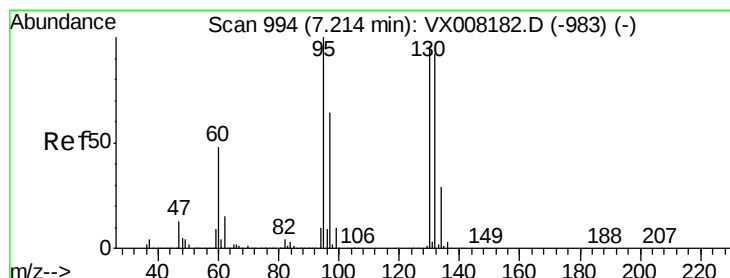
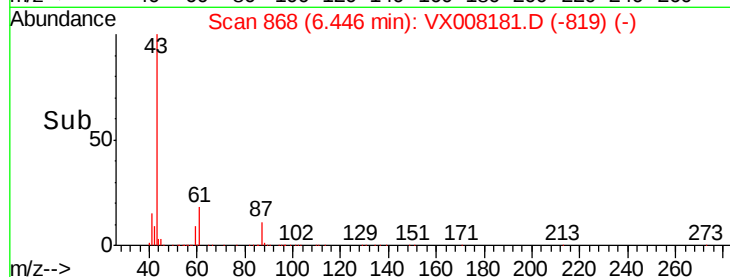
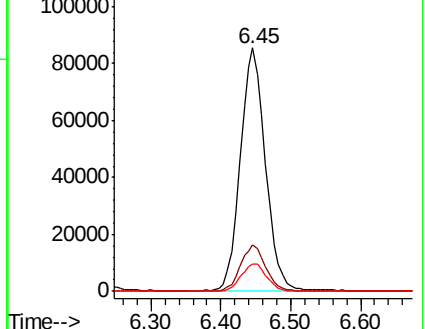
87 11.6 10.5 15.7



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: 18.582 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX008181.D

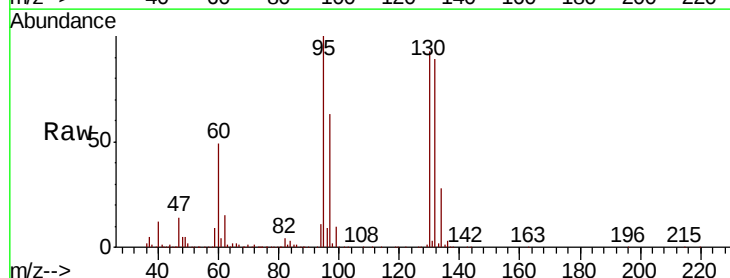
Acq: 19 Mar 2019 10:44

Tgt Ion: 130 Resp: 78373

Ion Ratio Lower Upper

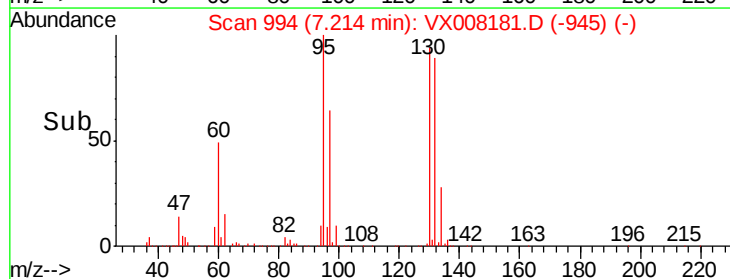
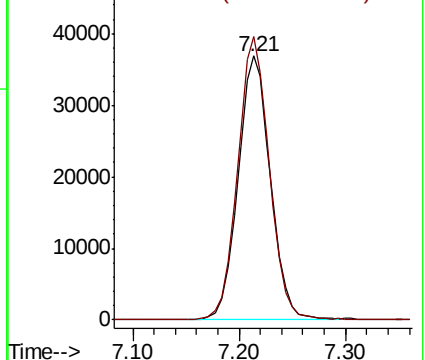
130 100

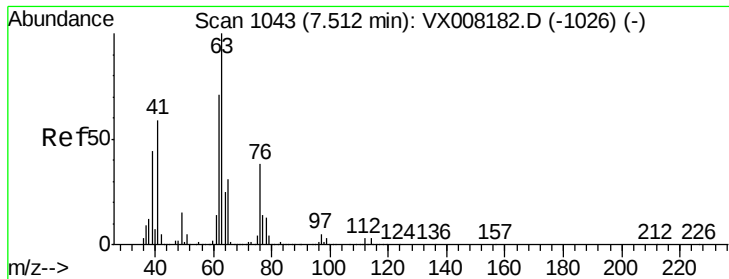
95 107.2 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 18.855 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX008181.D

Acq: 19 Mar 2019 10:44

Instrument :

MSVOA_X

ClientSampleId :

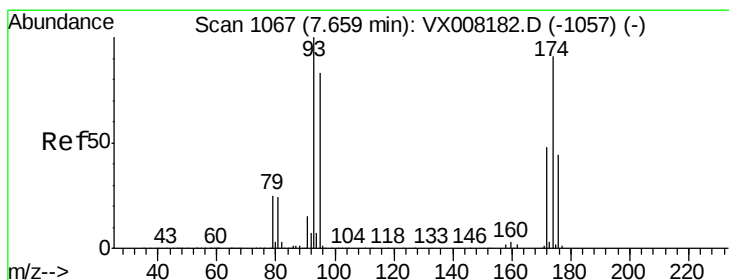
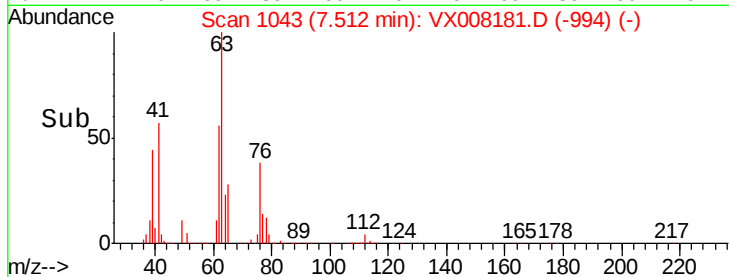
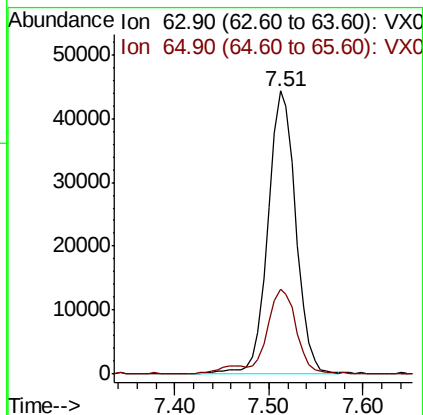
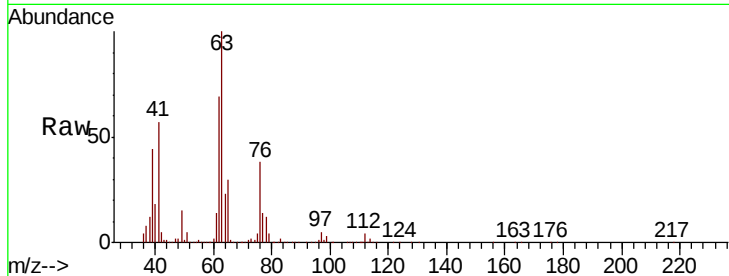
VSTDIC020

Tgt Ion: 63 Resp: 91887

Ion Ratio Lower Upper

63 100

65 29.5 24.7 37.1



#46

Dibromomethane

Concen: 18.599 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX008181.D

Acq: 19 Mar 2019 10:44

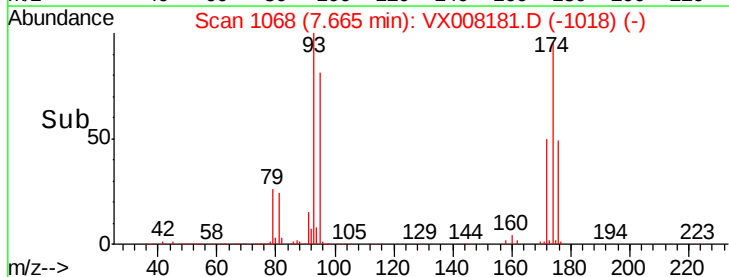
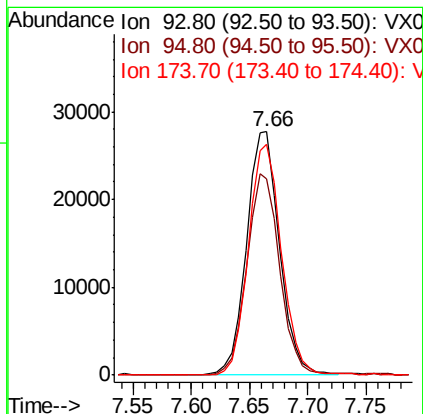
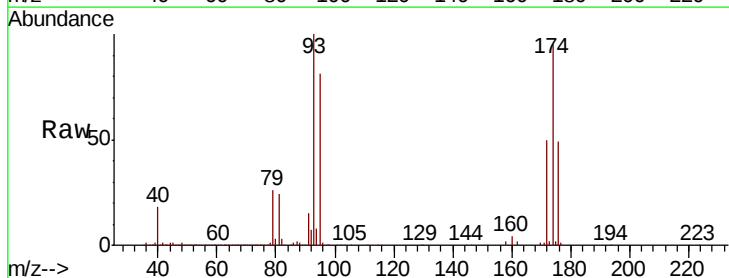
Tgt Ion: 93 Resp: 54705

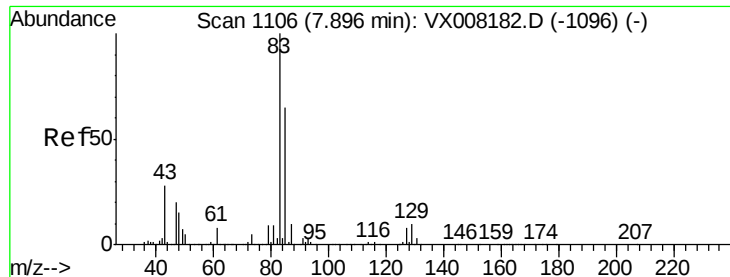
Ion Ratio Lower Upper

93 100

95 82.5 66.8 100.2

174 95.2 97.3 145.9#





#47

Bromodichloromethane

Concen: 18.126 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008181.D

Acq: 19 Mar 2019 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

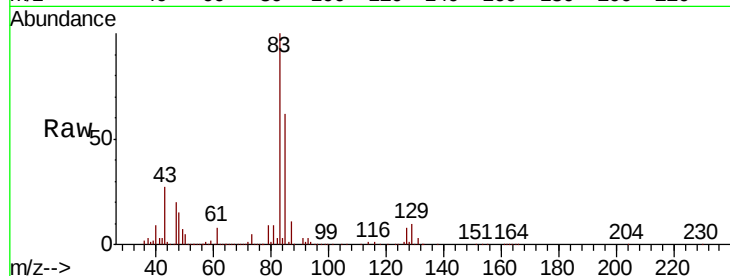
Tgt Ion: 83 Resp: 105546

Ion Ratio Lower Upper

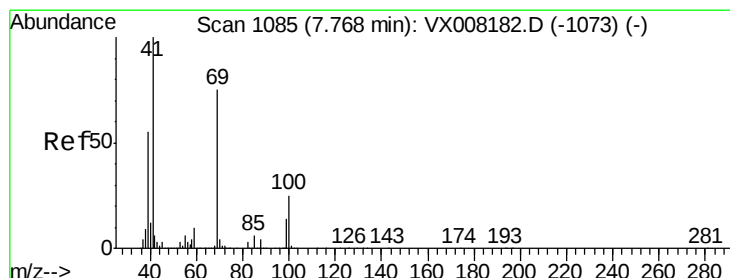
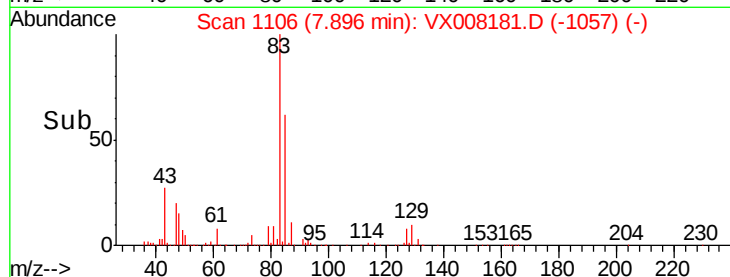
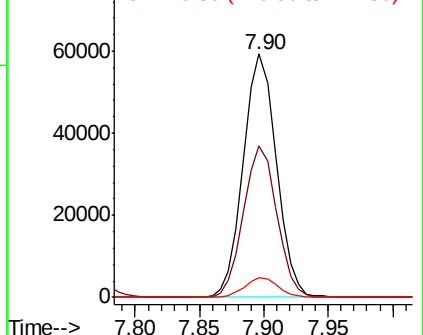
83 100

85 62.1 50.9 76.3

127 7.8 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: 18.102 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX008181.D

Acq: 19 Mar 2019 10:44

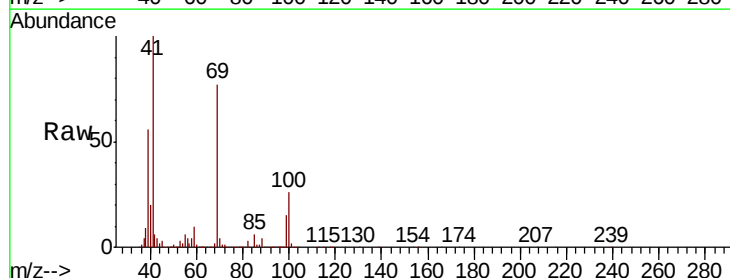
Tgt Ion: 41 Resp: 112319

Ion Ratio Lower Upper

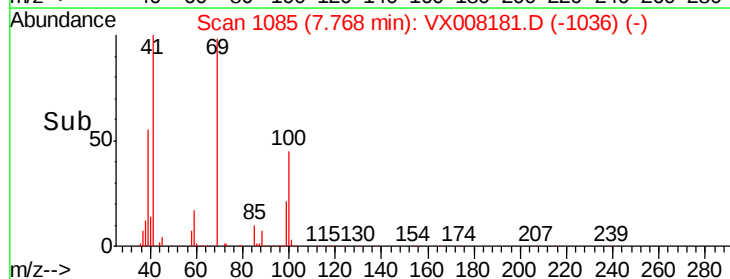
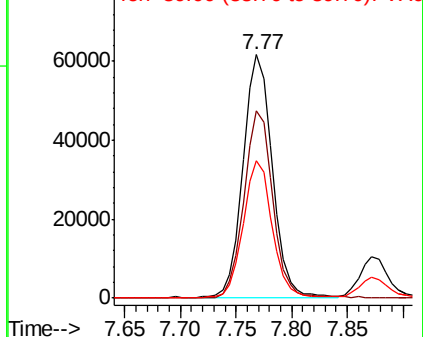
41 100

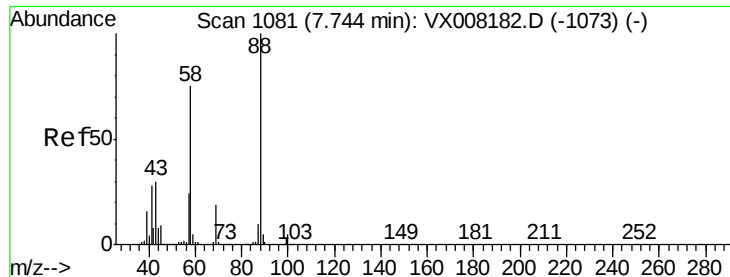
69 76.1 65.2 97.8

39 55.9 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

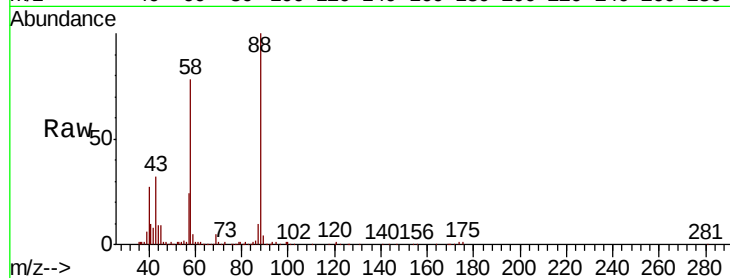




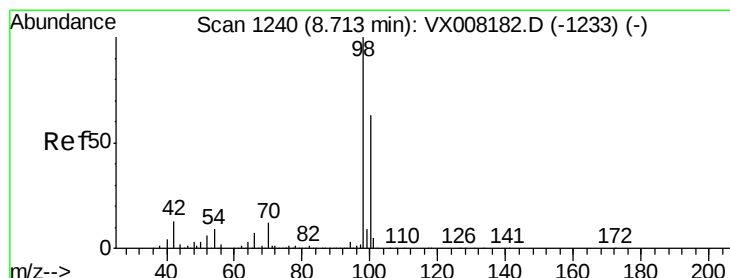
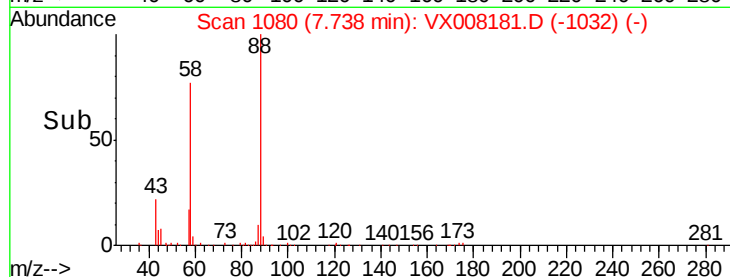
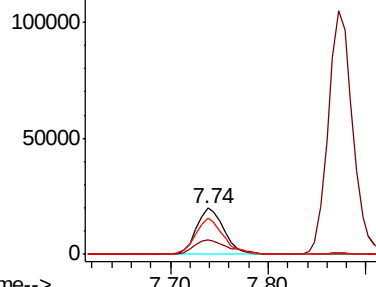
#49
1,4-Dioxane
Concen: 383.959 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.01 min
Lab File: VX008181.D
Acq: 19 Mar 2019 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 88 Resp: 39094
Ion Ratio Lower Upper
88 100
43 37.1 25.1 37.7
58 77.5 57.8 86.6

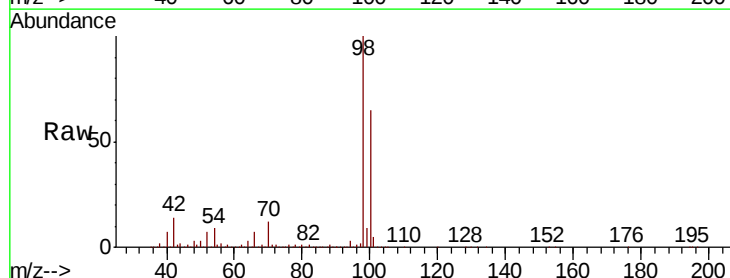


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

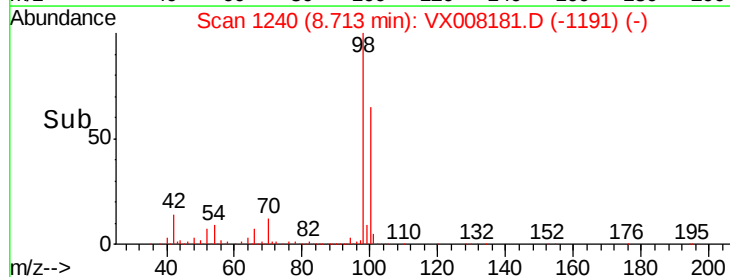
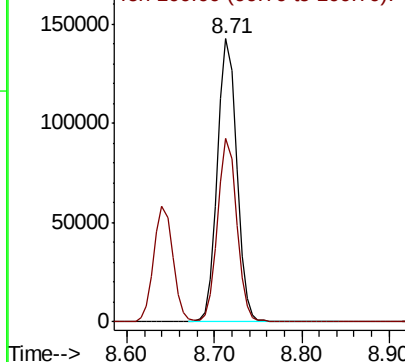


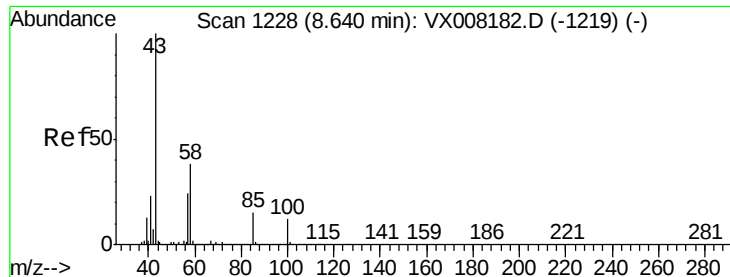
#50
Toluene-d8
Concen: 17.397 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008181.D
Acq: 19 Mar 2019 10:44

Tgt Ion: 98 Resp: 217900
Ion Ratio Lower Upper
98 100
100 64.3 51.7 77.5



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

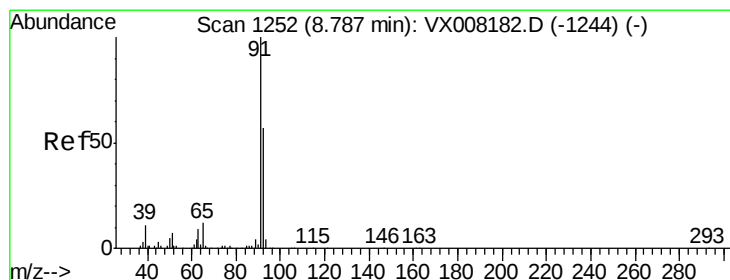
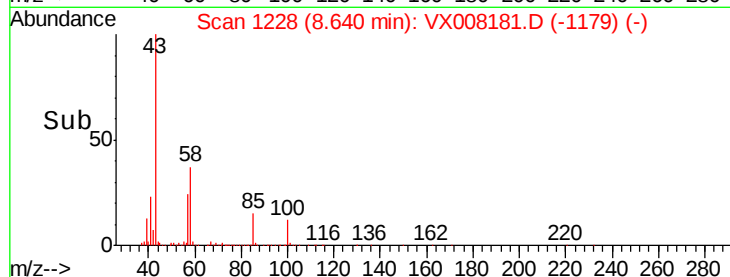
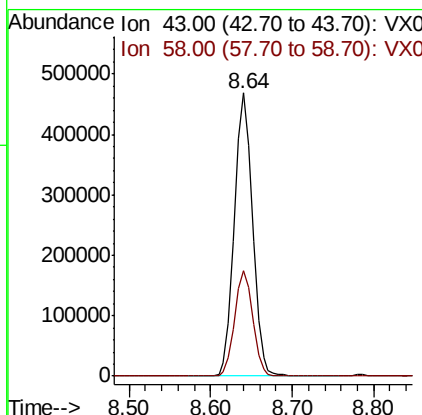
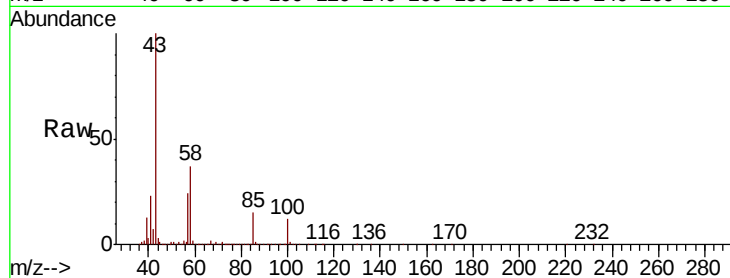




#51
 4-Methyl-2-Pentanone
 Concen: 95.053 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VX008181.D
 Acq: 19 Mar 2019 10:44

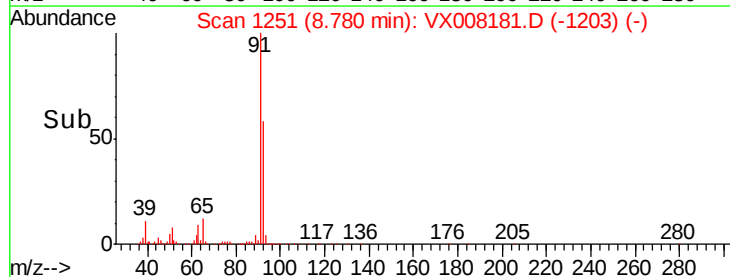
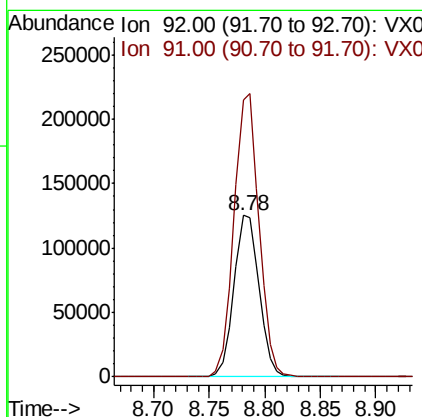
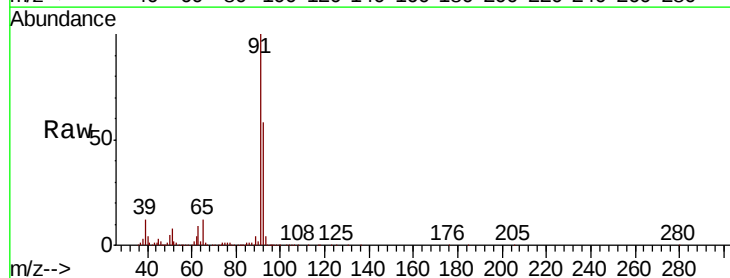
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

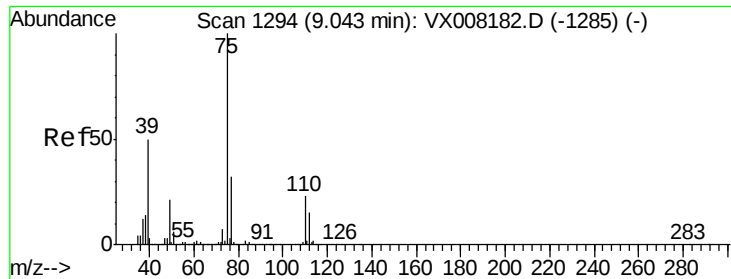
Tgt Ion: 43 Resp: 714887
 Ion Ratio Lower Upper
 43 100
 58 37.1 31.3 46.9



#52
 Toluene
 Concen: 18.852 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: VX008181.D
 Acq: 19 Mar 2019 10:44

Tgt Ion: 92 Resp: 196603
 Ion Ratio Lower Upper
 92 100
 91 174.4 137.4 206.0

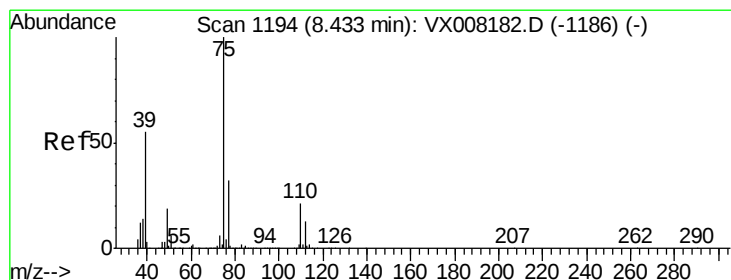
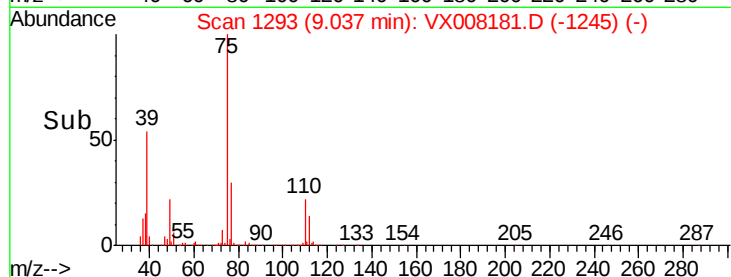
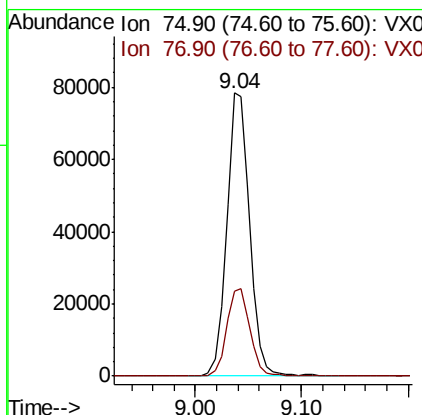
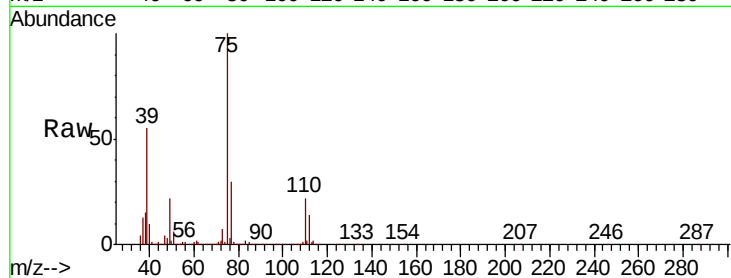




#53
t-1,3-Dichloropropene
Concen: 17.433 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. -0.01 min
Lab File: VX008181.D
Acq: 19 Mar 2019 10:44

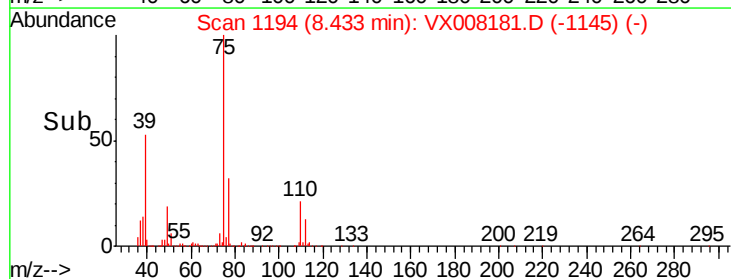
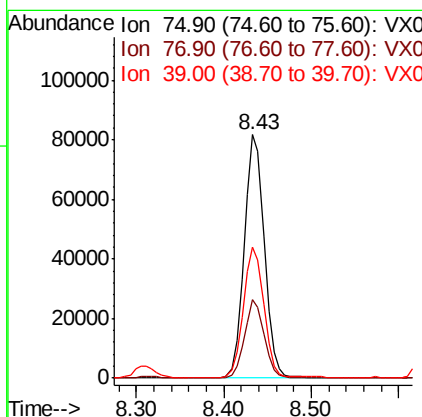
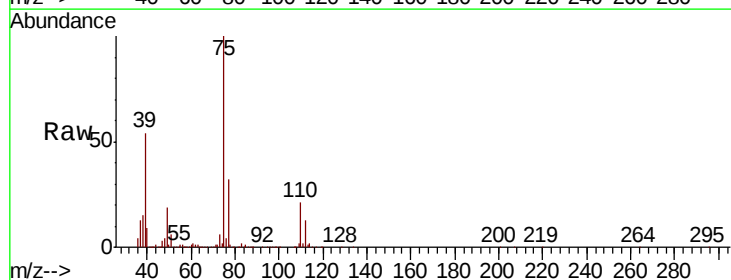
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

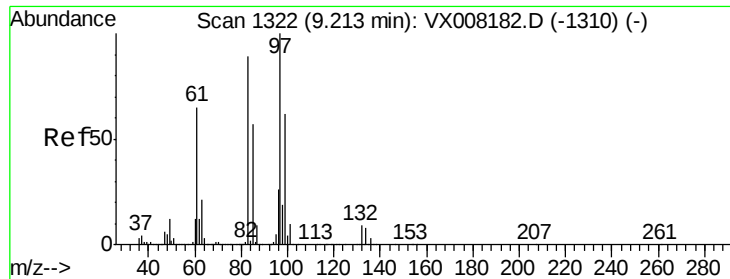
Tgt Ion: 75 Resp: 117163
Ion Ratio Lower Upper
75 100
77 29.8 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 17.699 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX008181.D
Acq: 19 Mar 2019 10:44

Tgt Ion: 75 Resp: 129950
Ion Ratio Lower Upper
75 100
77 32.0 25.0 37.6
39 53.4 36.6 54.8

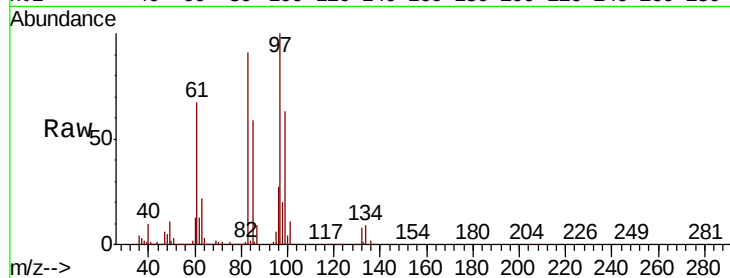




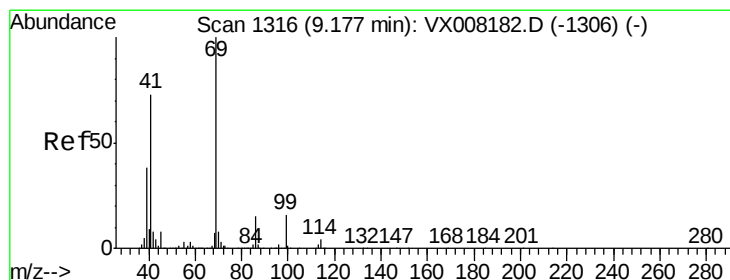
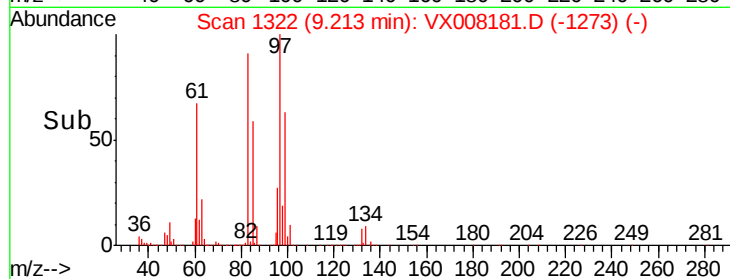
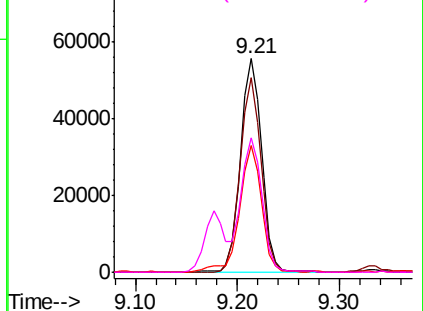
#55
 1,1,2-Trichloroethane
 Concen: 18.595 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008181.D
 Acq: 19 Mar 2019 10:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tgt Ion:	97	Resp:	79908
Ion	Ratio	Lower	Upper
97	100		
83	90.8	69.1	103.7
85	59.0	44.3	66.5
99	62.5	49.8	74.8

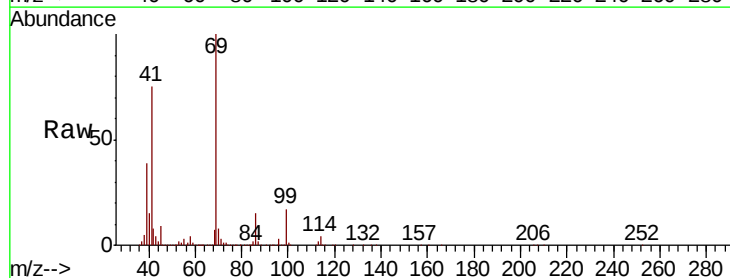


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

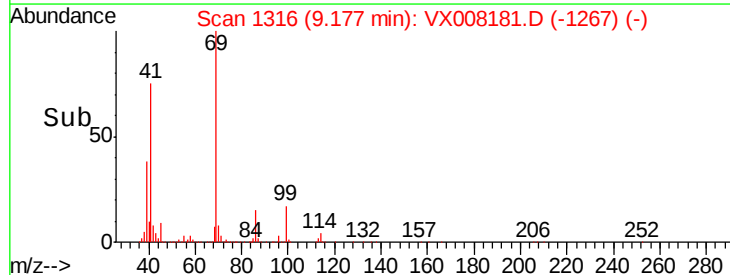
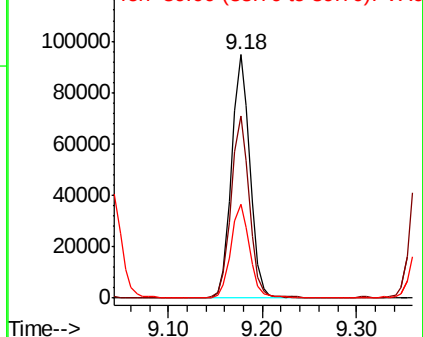


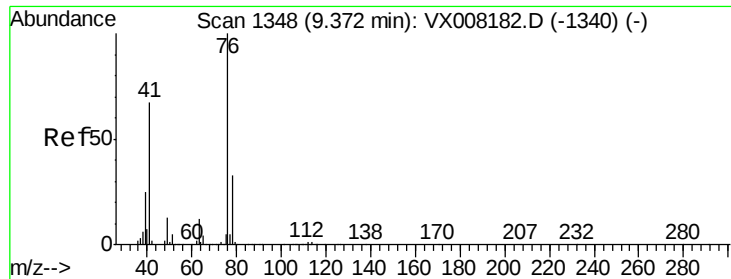
#56
 Ethyl methacrylate
 Concen: 17.916 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX008181.D
 Acq: 19 Mar 2019 10:44

Tgt Ion:	69	Resp:	128991
Ion	Ratio	Lower	Upper
69	100		
41	73.8	54.2	81.4
39	38.5	25.0	37.4#



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 18.714 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX008181.D

Acq: 19 Mar 2019 10:44

Instrument :

MSVOA_X

ClientSampleId :

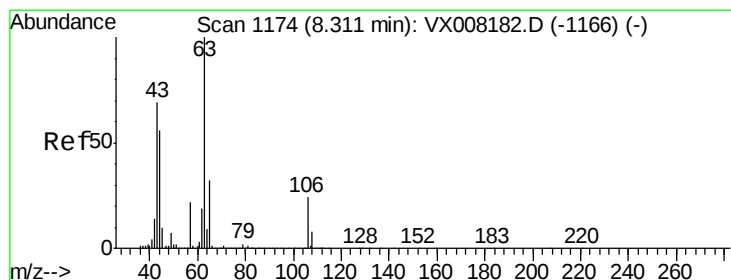
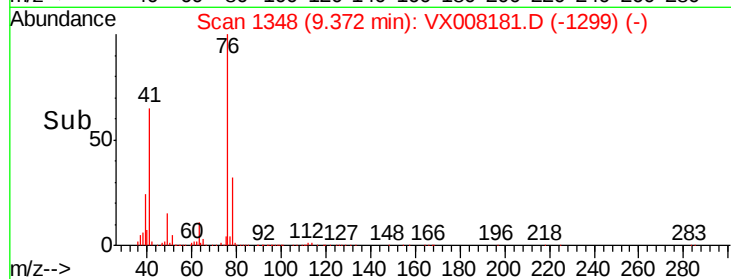
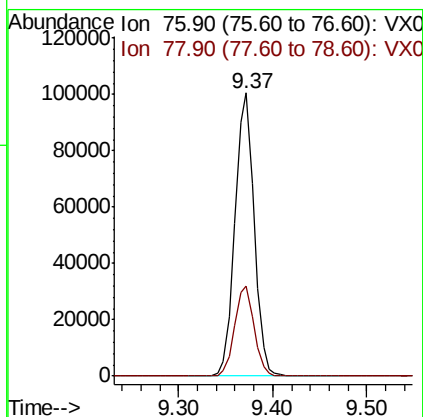
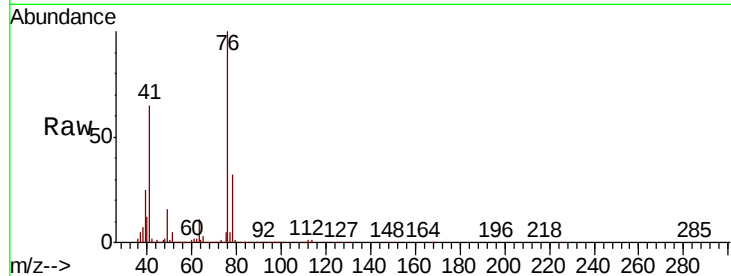
VSTDIC020

Tgt Ion: 76 Resp: 142003

Ion Ratio Lower Upper

76 100

78 32.4 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 86.246 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX008181.D

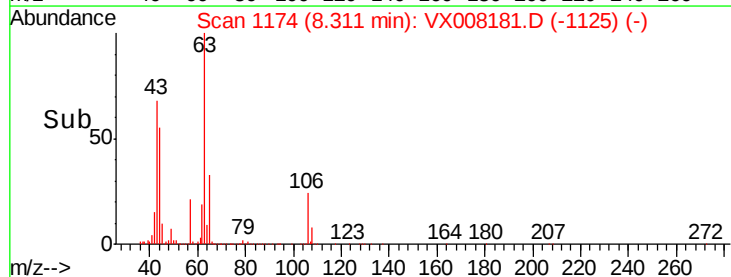
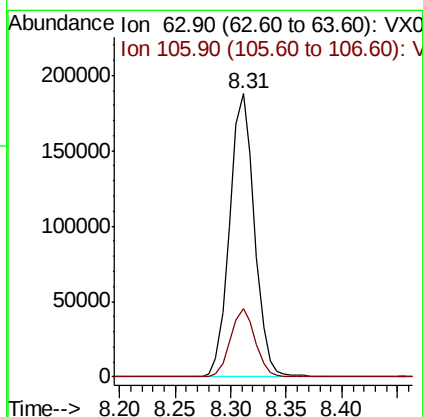
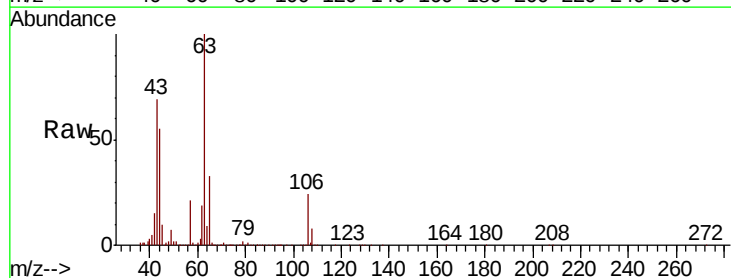
Acq: 19 Mar 2019 10:44

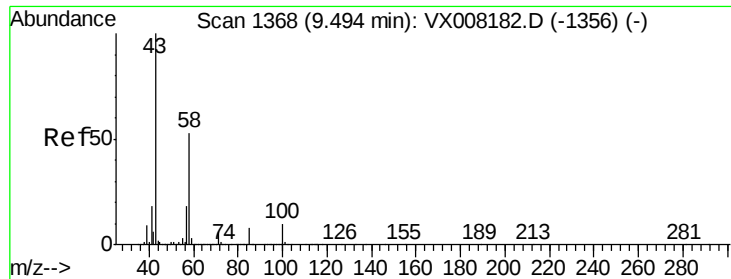
Tgt Ion: 63 Resp: 288944

Ion Ratio Lower Upper

63 100

106 24.2 22.2 33.2

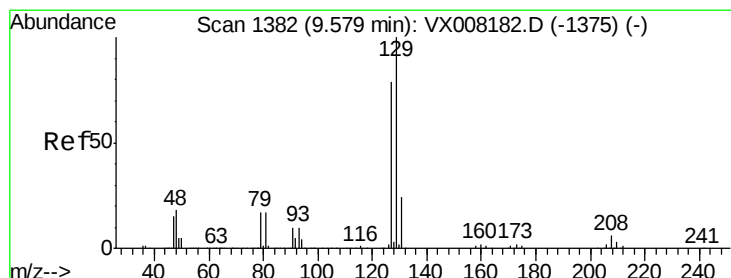
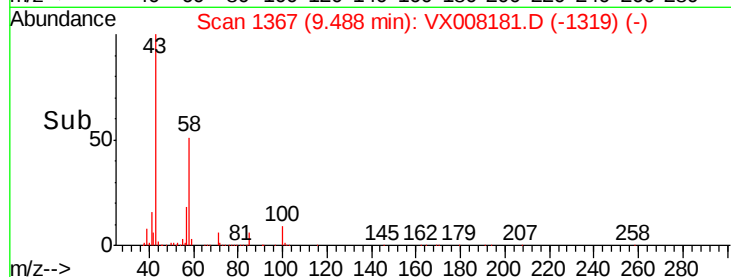
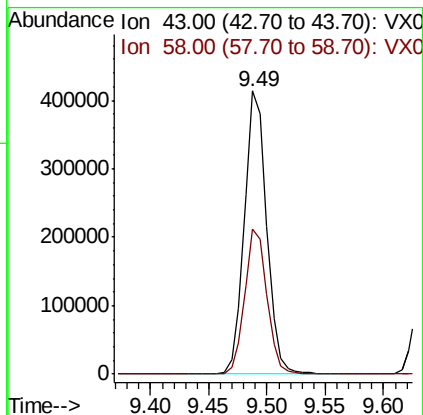
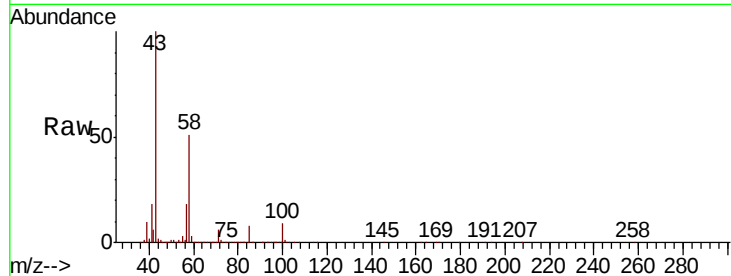




#59
2-Hexanone
Concen: 96.654 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.01 min
Lab File: VX008181.D
Acq: 19 Mar 2019 10:44

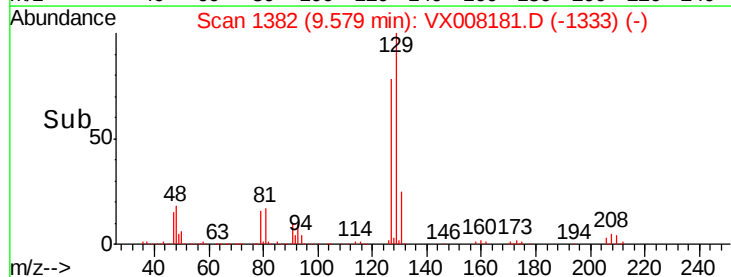
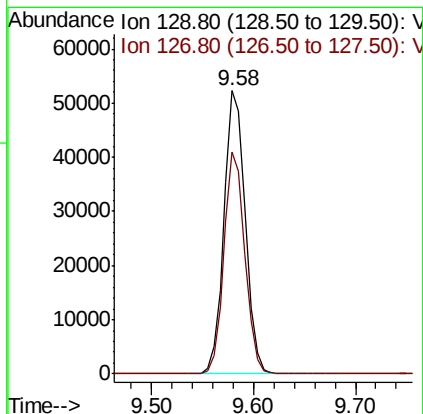
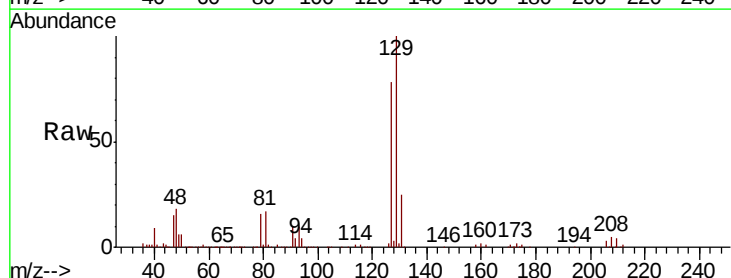
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

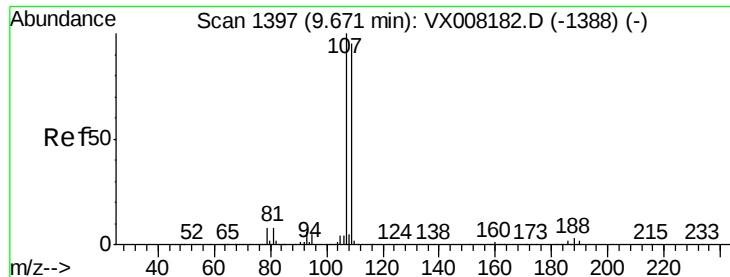
Tgt Ion: 43 Resp: 554147
Ion Ratio Lower Upper
43 100
58 51.7 27.6 82.7



#60
Dibromochloromethane
Concen: 17.699 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX008181.D
Acq: 19 Mar 2019 10:44

Tgt Ion: 129 Resp: 75439
Ion Ratio Lower Upper
129 100
127 77.0 38.3 114.8

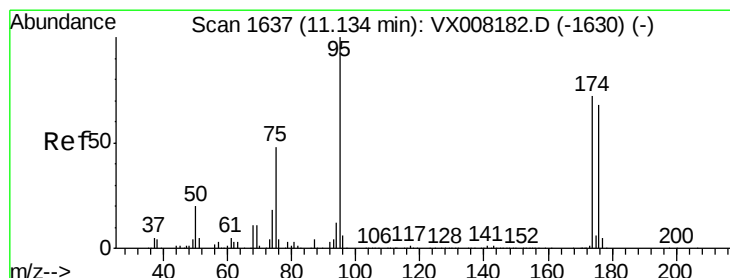
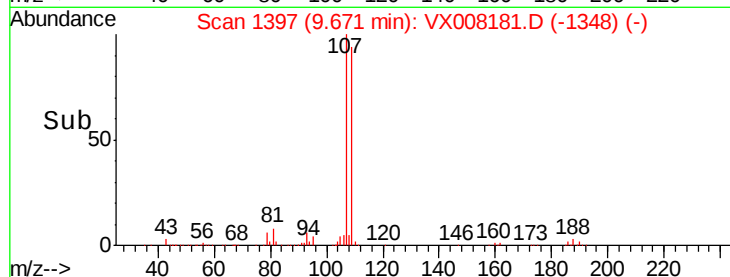
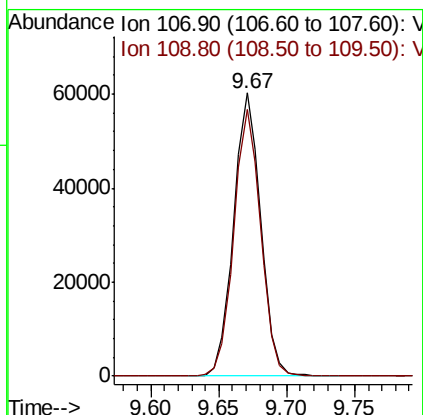
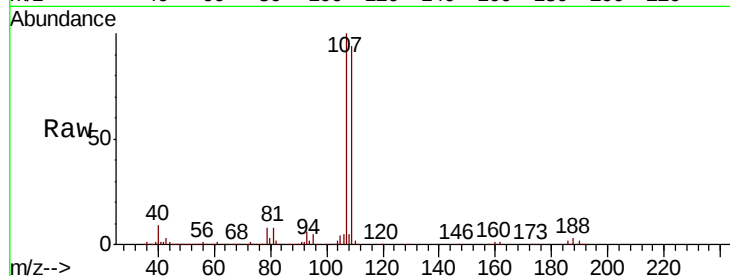




#61
 1,2-Dibromoethane
 Concen: 18.689 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX008181.D
 Acq: 19 Mar 2019 10:44

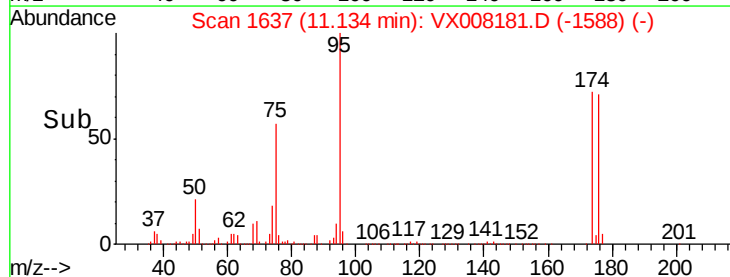
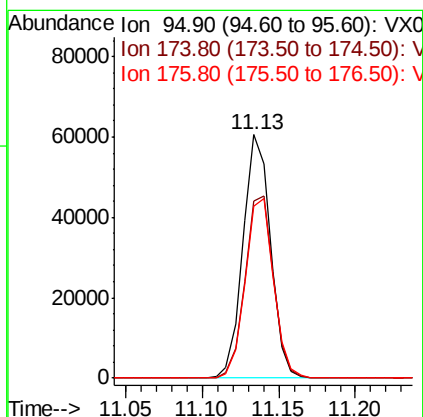
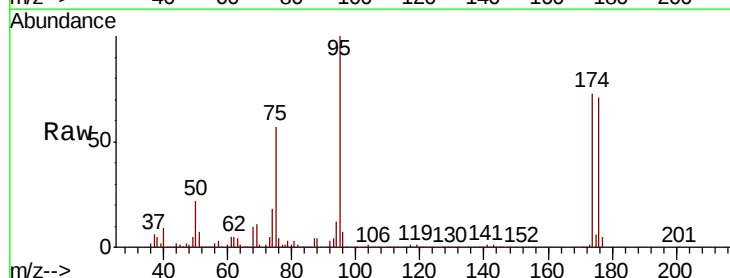
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

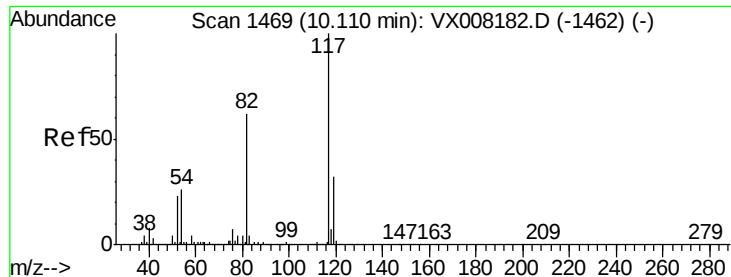
Tgt Ion: 107 Resp: 83453
 Ion Ratio Lower Upper
 107 100
 109 93.8 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 17.247 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: VX008181.D
 Acq: 19 Mar 2019 10:44

Tgt Ion: 95 Resp: 75675
 Ion Ratio Lower Upper
 95 100
 174 77.2 0.0 182.8
 176 76.1 0.0 178.0

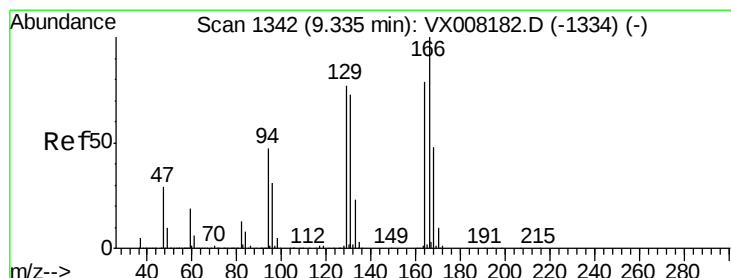
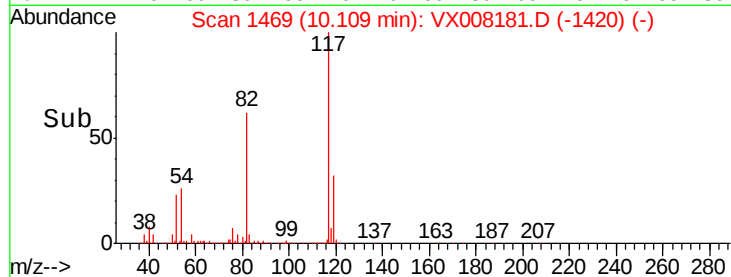
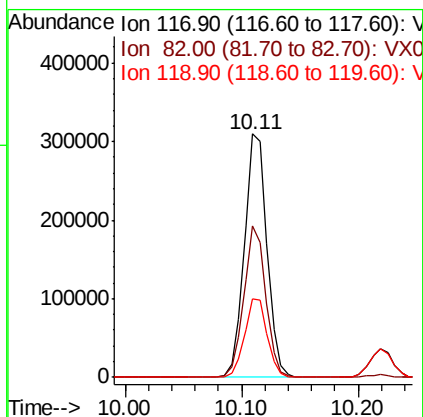
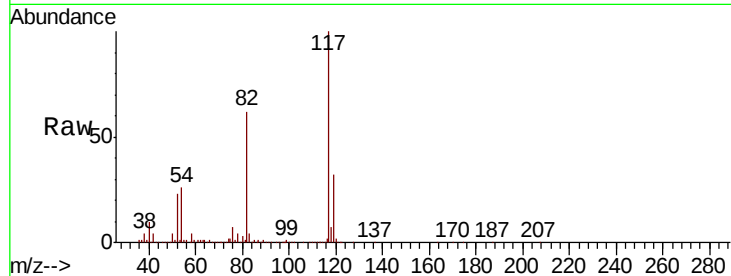




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008181.D
Acq: 19 Mar 2019 10:44

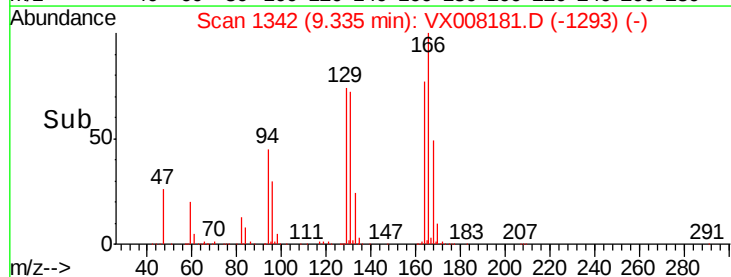
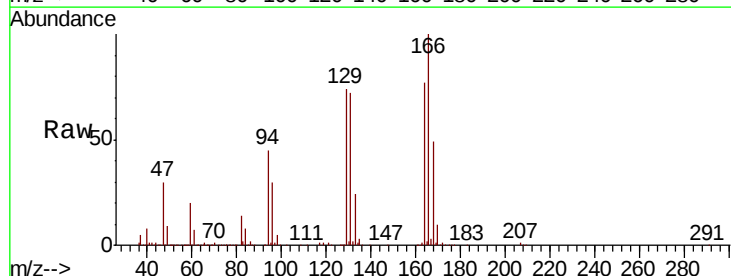
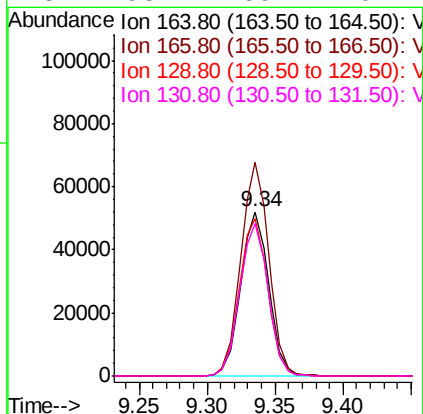
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

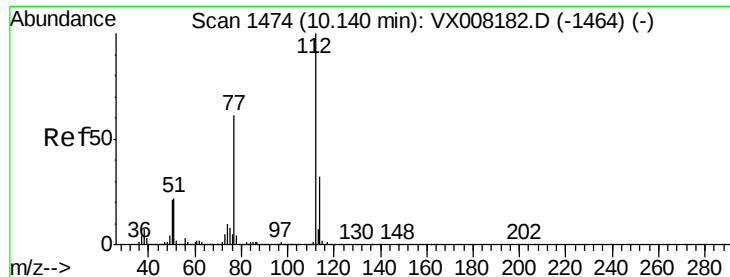
Tgt Ion:117 Resp: 420449
Ion Ratio Lower Upper
117 100
82 62.4 44.3 66.5
119 32.4 25.3 37.9



#64
Tetrachloroethene
Concen: 18.512 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008181.D
Acq: 19 Mar 2019 10:44

Tgt Ion:164 Resp: 74835
Ion Ratio Lower Upper
164 100
166 130.0 103.4 155.0
129 96.0 72.2 108.4
131 93.1 69.4 104.2

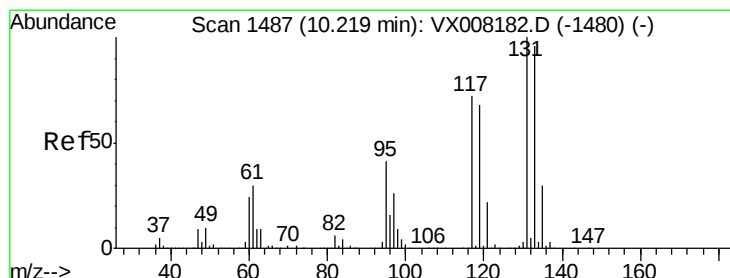
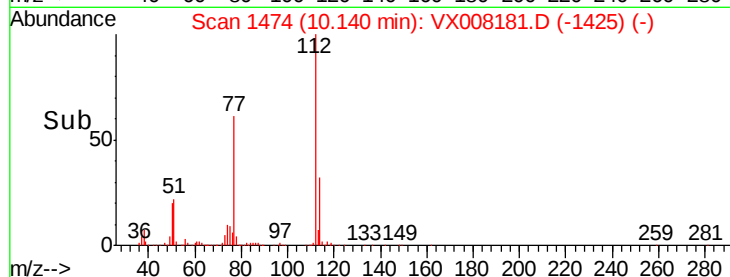
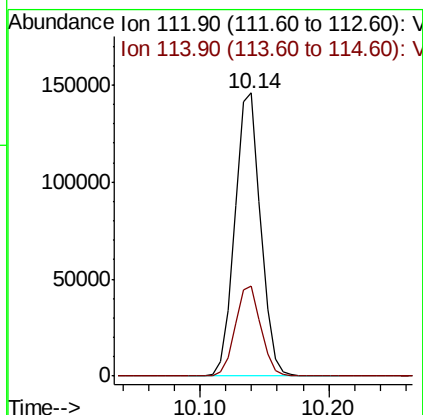
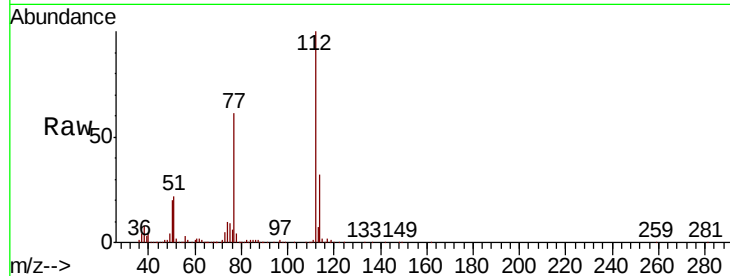




#65
Chlorobenzene
Concen: 18.351 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX008181.D
Acq: 19 Mar 2019 10:44

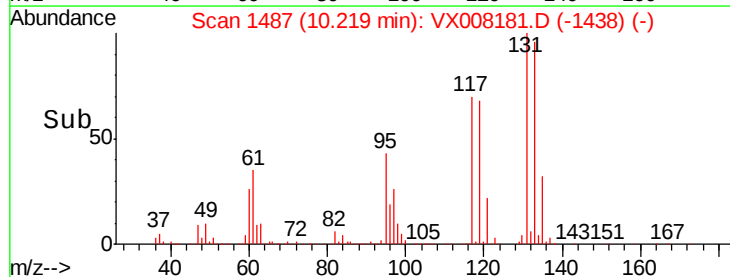
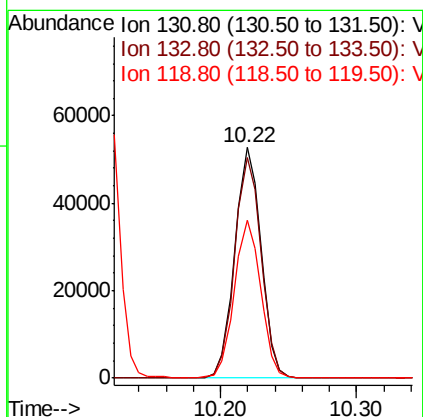
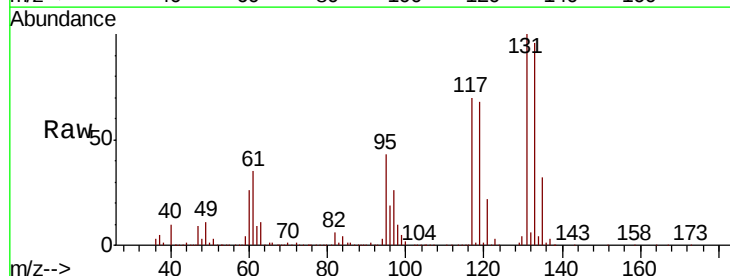
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

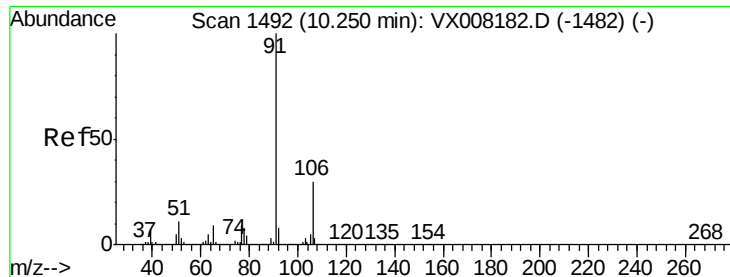
Tgt Ion:112 Resp: 203636
Ion Ratio Lower Upper
112 100
114 31.9 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 17.906 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX008181.D
Acq: 19 Mar 2019 10:44

Tgt Ion:131 Resp: 71227
Ion Ratio Lower Upper
131 100
133 96.7 47.8 143.3
119 68.7 32.5 97.5





#67

Ethyl Benzene

Concen: 18.093 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX008181.D

Acq: 19 Mar 2019 10:44

Instrument :

MSVOA_X

ClientSampleId :

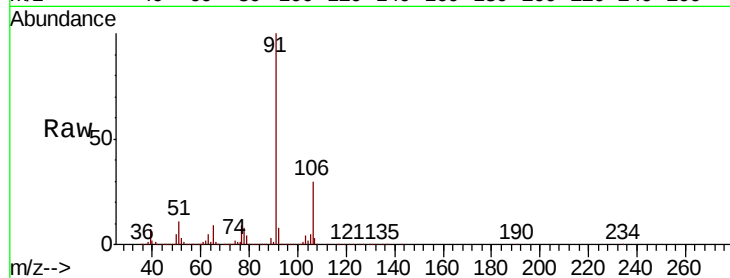
VSTDIC020

Tgt Ion: 91 Resp: 365542

Ion Ratio Lower Upper

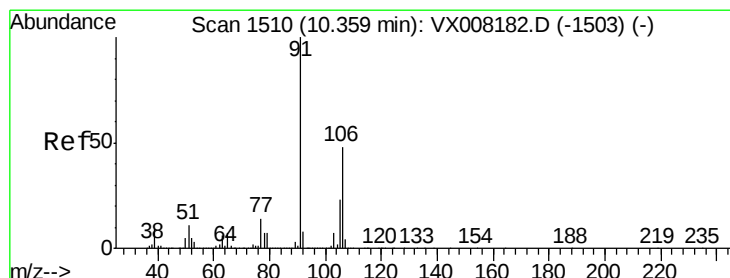
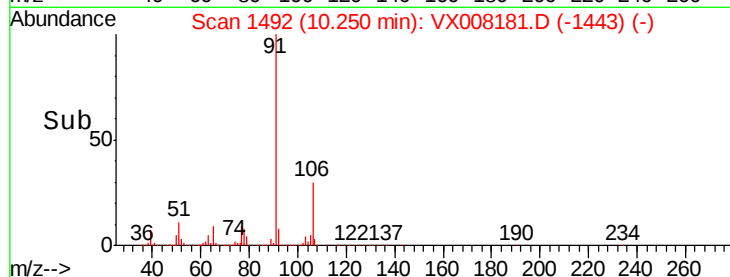
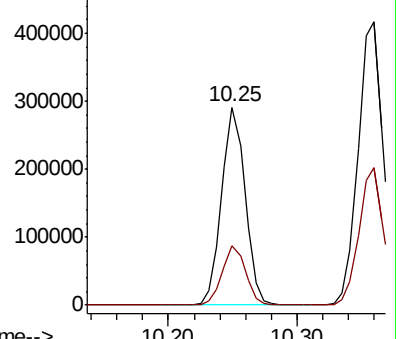
91 100

106 29.9 25.2 37.8



Abundance Ion 91.00 (90.70 to 91.70): VX008181.D (-1443) (-)

Ion 106.00 (105.70 to 106.70): VX008181.D (-1443) (-)



#68

m/p-Xylenes

Concen: 35.922 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX008181.D

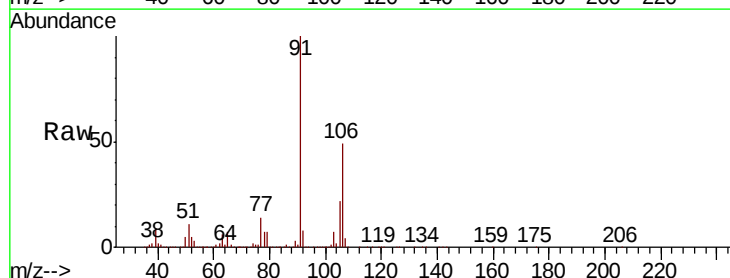
Acq: 19 Mar 2019 10:44

Tgt Ion: 106 Resp: 266239

Ion Ratio Lower Upper

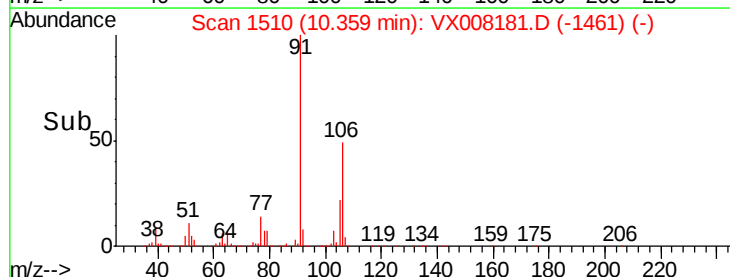
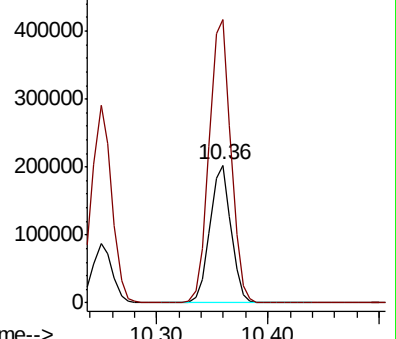
106 100

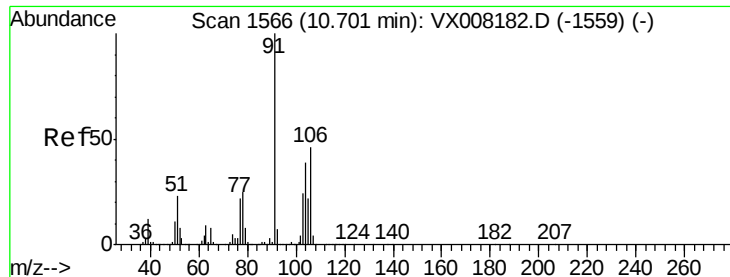
91 211.5 159.8 239.6



Abundance Ion 106.00 (105.70 to 106.70): VX008181.D (-1461) (-)

Ion 91.00 (90.70 to 91.70): VX008181.D (-1461) (-)

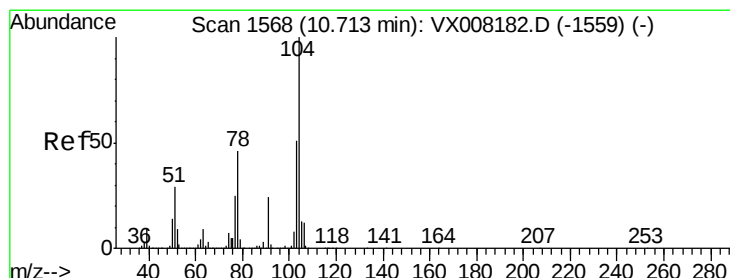
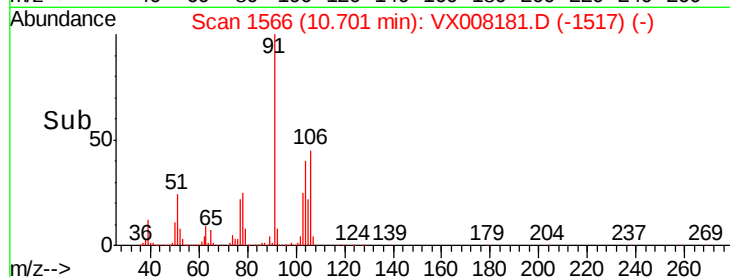
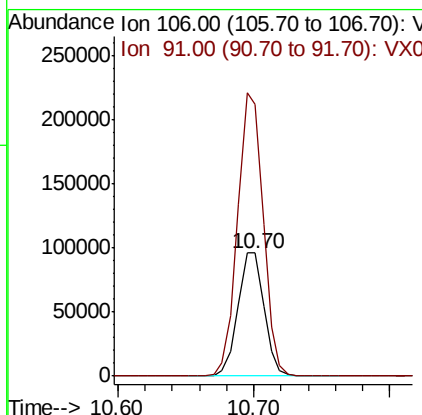
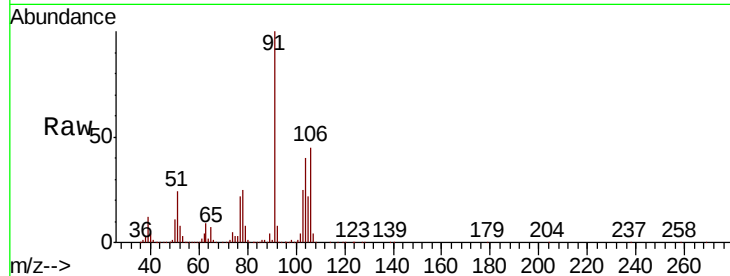




#69
o-Xylene
Concen: 17.838 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX008181.D
Acq: 19 Mar 2019 10:44

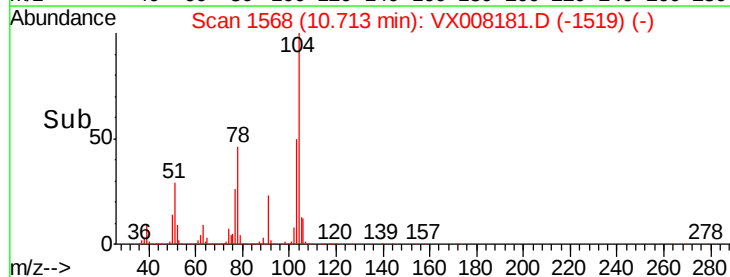
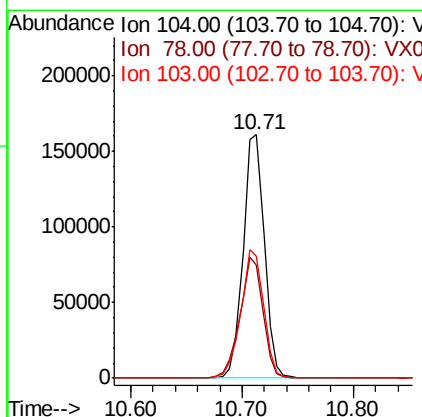
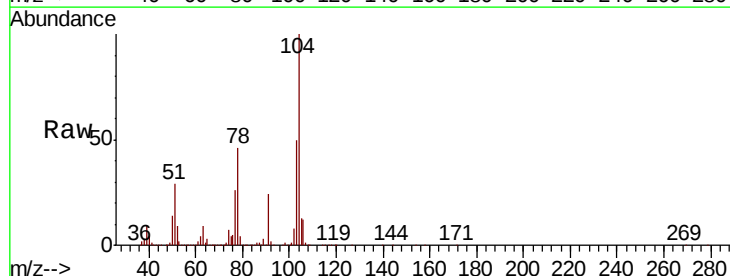
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

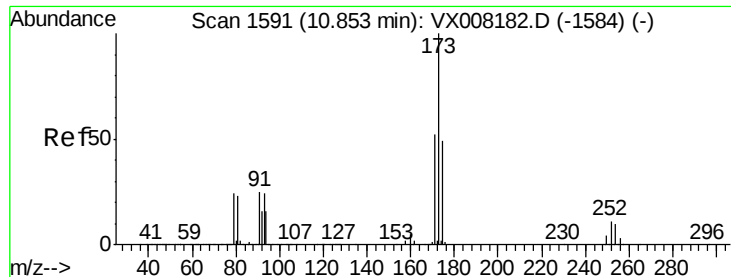
Tgt Ion:106 Resp: 128825
Ion Ratio Lower Upper
106 100
91 225.8 106.3 318.9



#70
Styrene
Concen: 18.045 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX008181.D
Acq: 19 Mar 2019 10:44

Tgt Ion:104 Resp: 213291
Ion Ratio Lower Upper
104 100
78 53.6 38.5 57.7
103 56.5 44.1 66.1





#71

Bromoform

Concen: 17.205 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX008181.D

Acq: 19 Mar 2019 10:44

Instrument :

MSVOA_X

ClientSampled :

VSTDIC020

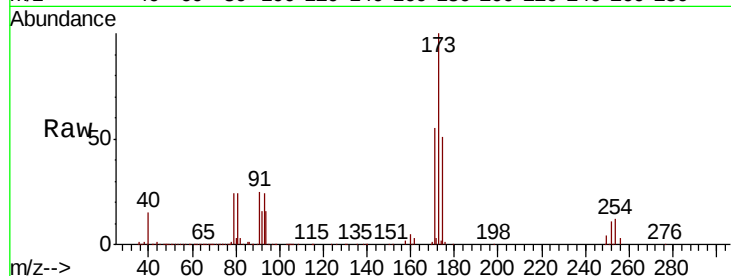
Tgt Ion:173 Resp: 53365

Ion Ratio Lower Upper

173 100

175 49.2 24.3 72.9

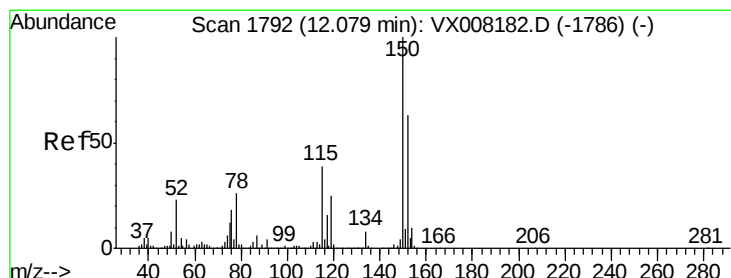
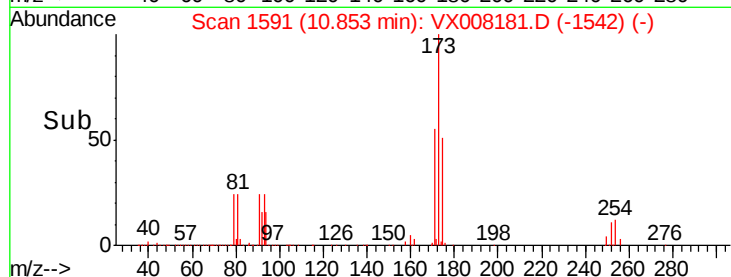
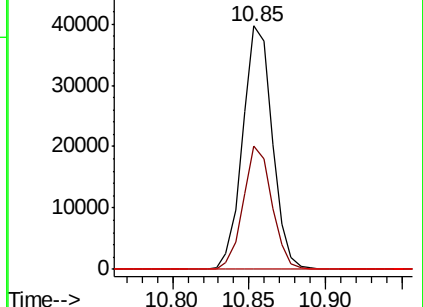
254 0.1 0.1 0.1



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: VX008181.D

Acq: 19 Mar 2019 10:44

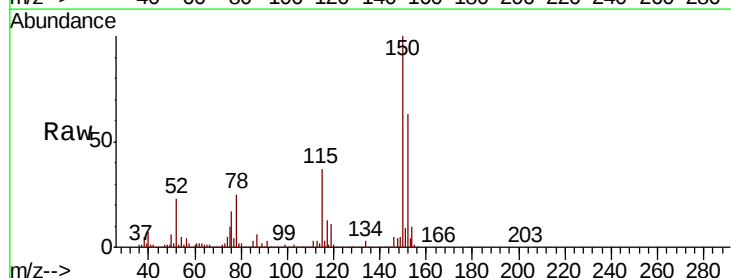
Tgt Ion:152 Resp: 192365

Ion Ratio Lower Upper

152 100

115 71.7 38.6 115.7

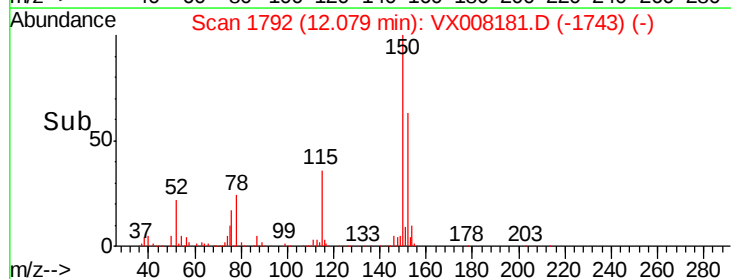
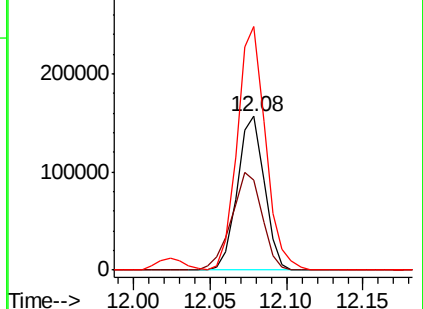
150 165.5 0.0 348.4

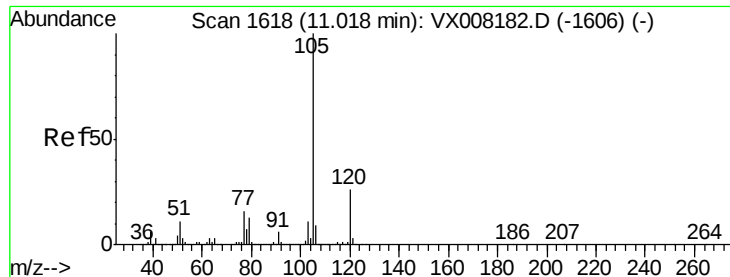


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.483 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008181.D

Acq: 19 Mar 2019 10:44

Instrument :

MSVOA_X

ClientSampleId :

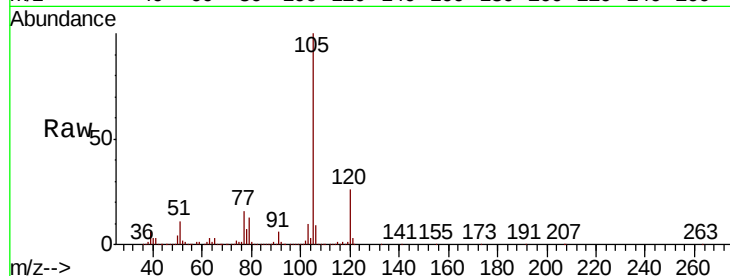
VSTDIC020

Tgt Ion: 105 Resp: 349446

Ion Ratio Lower Upper

105 100

120 26.0 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

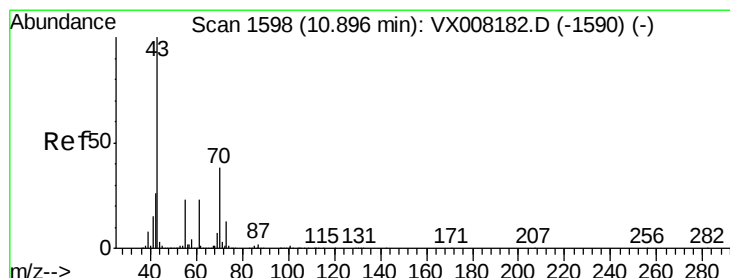
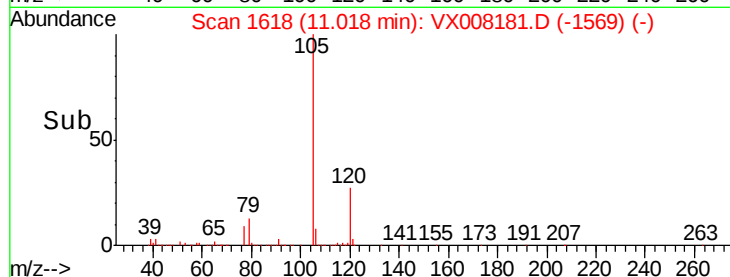
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 18.359 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008181.D

Acq: 19 Mar 2019 10:44

Tgt Ion: 43 Resp: 184611

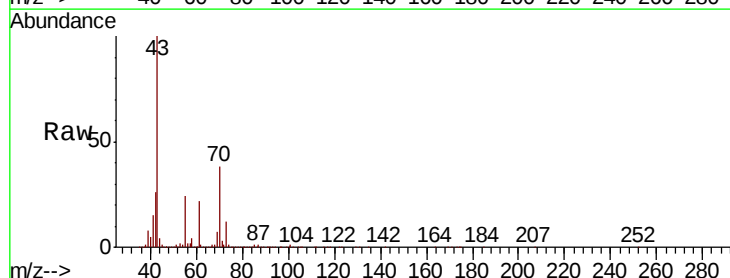
Ion Ratio Lower Upper

43 100

70 38.5 33.5 50.3

55 24.6 19.2 28.8

61 22.1 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

250000

200000

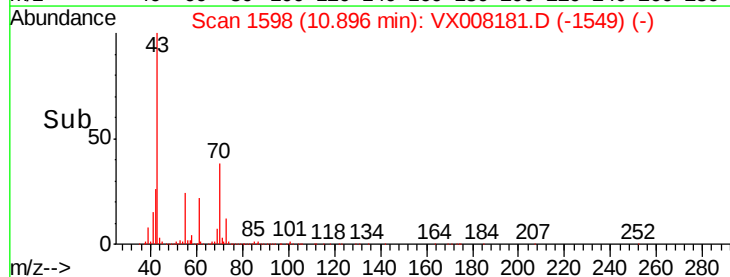
150000

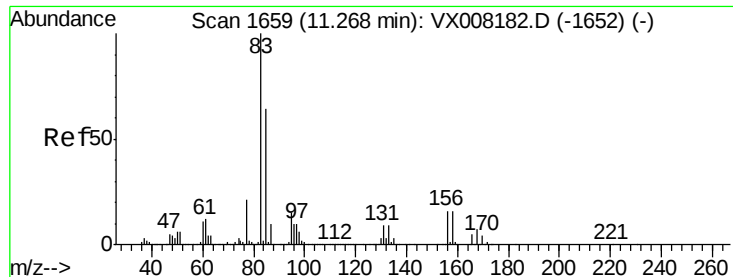
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.541 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008181.D

Acq: 19 Mar 2019 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

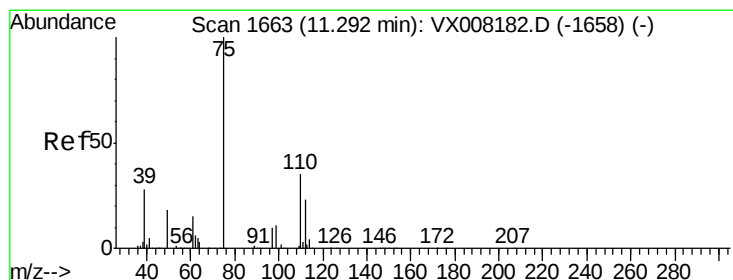
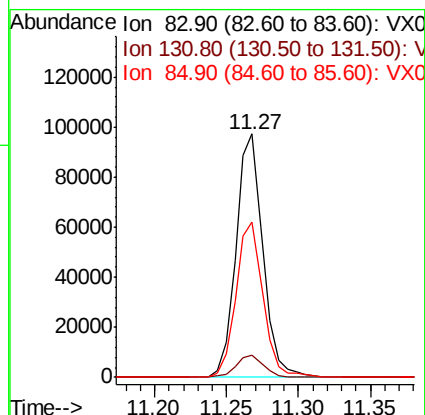
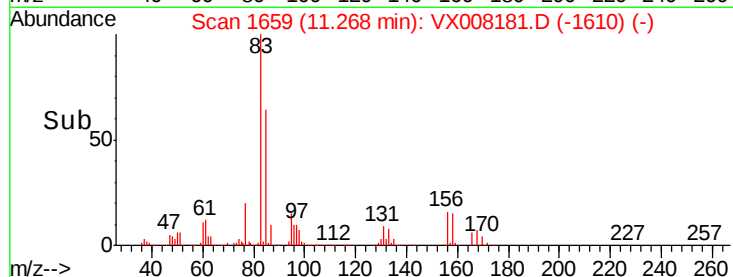
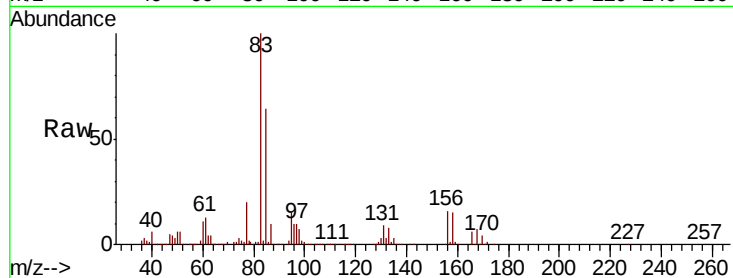
Tgt Ion: 83 Resp: 126970

Ion Ratio Lower Upper

83 100

131 9.1 5.4 16.2

85 64.4 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 26.029 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX008181.D

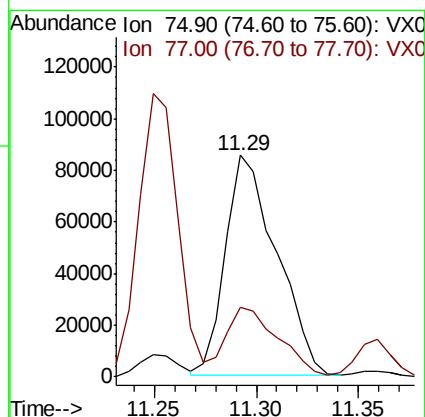
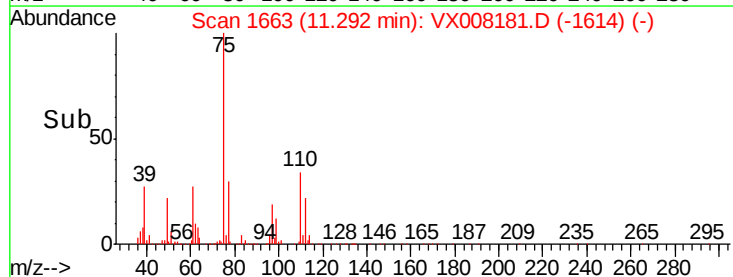
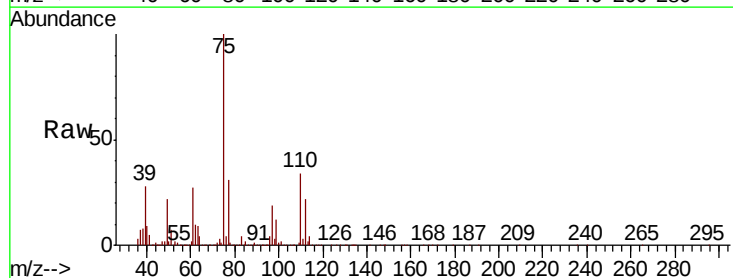
Acq: 19 Mar 2019 10:44

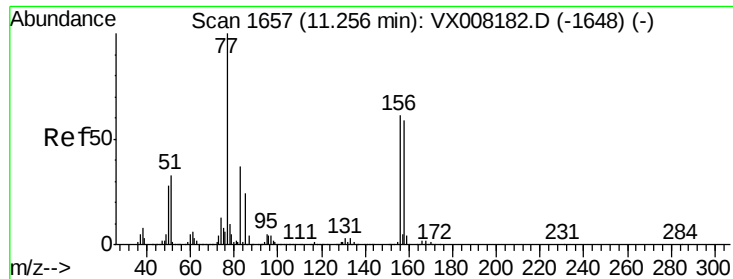
Tgt Ion: 75 Resp: 148665

Ion Ratio Lower Upper

75 100

77 32.2 18.9 56.7





#77

Bromobenzene

Concen: 18.422 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008181.D

Acq: 19 Mar 2019 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

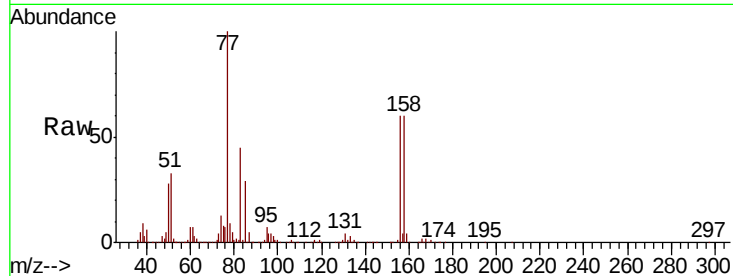
Tgt Ion:156 Resp: 81721

Ion Ratio Lower Upper

156 100

77 178.5 72.0 215.9

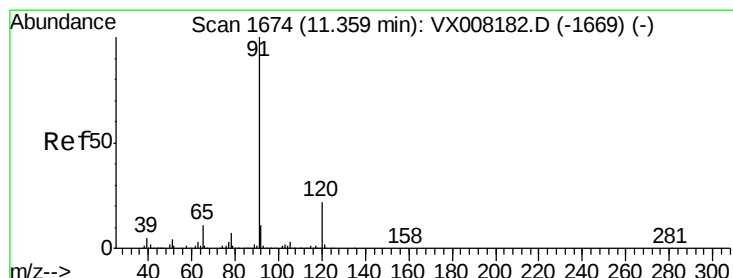
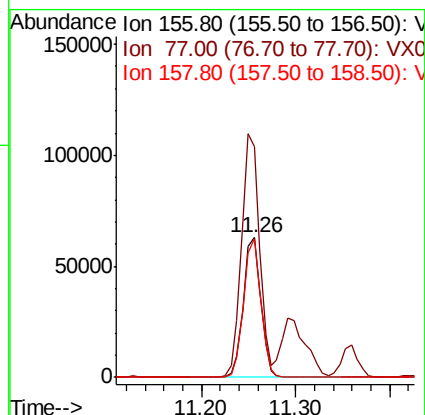
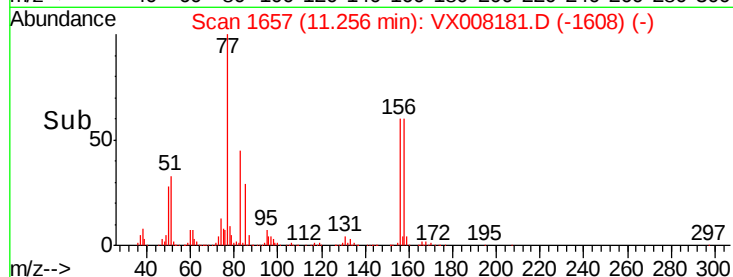
158 97.9 48.6 145.9



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: 18.047 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008181.D

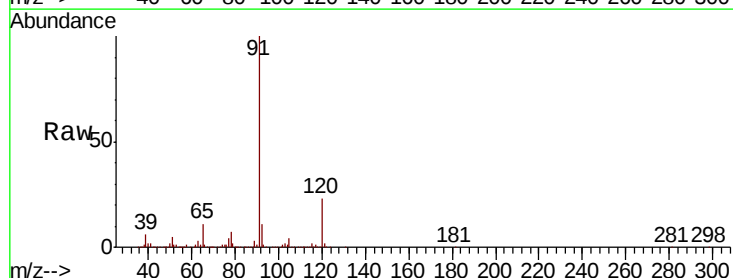
Acq: 19 Mar 2019 10:44

Tgt Ion: 91 Resp: 404600

Ion Ratio Lower Upper

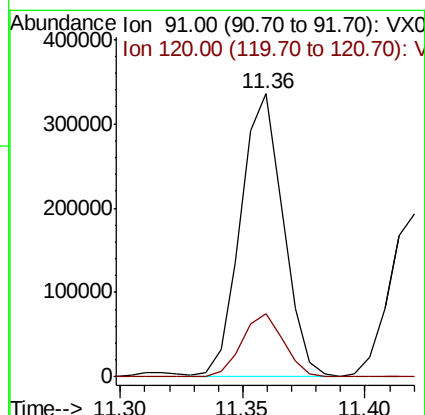
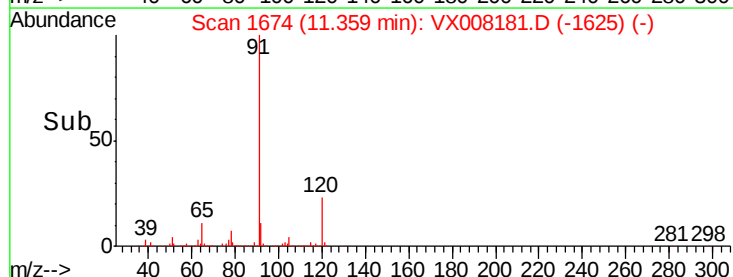
91 100

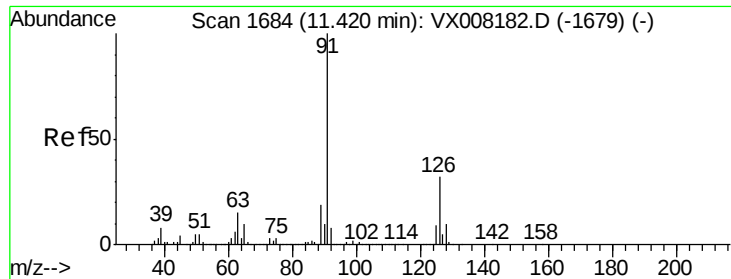
120 22.3 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.570 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX008181.D

Acq: 19 Mar 2019 10:44

Instrument :

MSVOA_X

ClientSampleId :

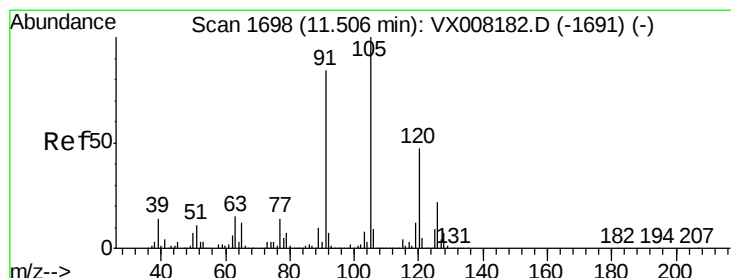
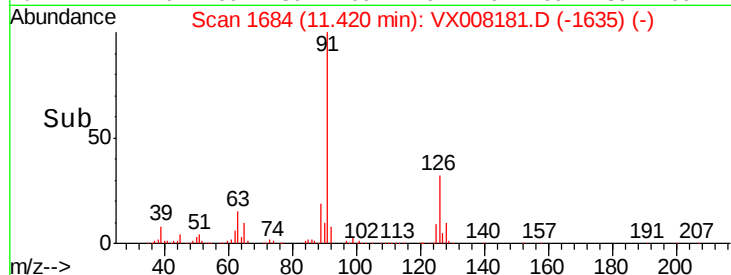
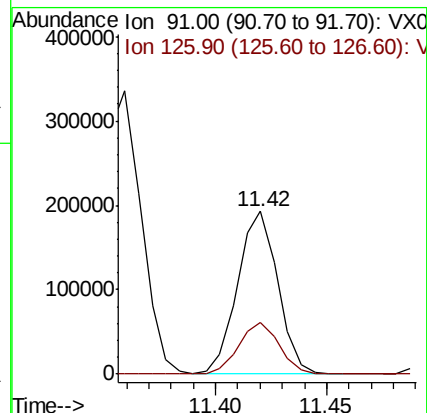
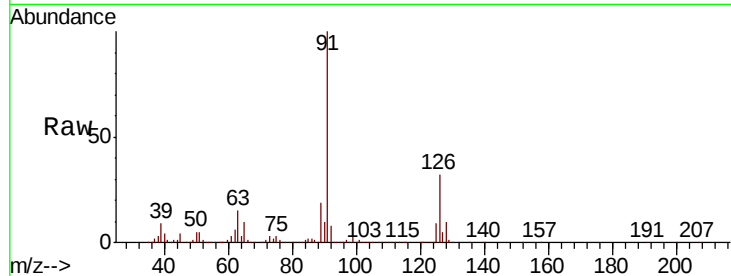
VSTDIC020

Tgt Ion: 91 Resp: 241869

Ion Ratio Lower Upper

91 100

126 32.2 17.5 52.6



#80

1,3,5-Trimethylbenzene

Concen: 18.313 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008181.D

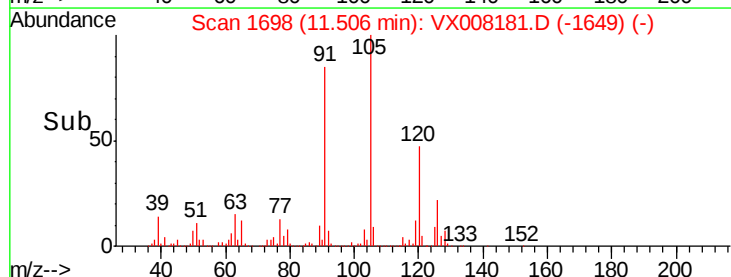
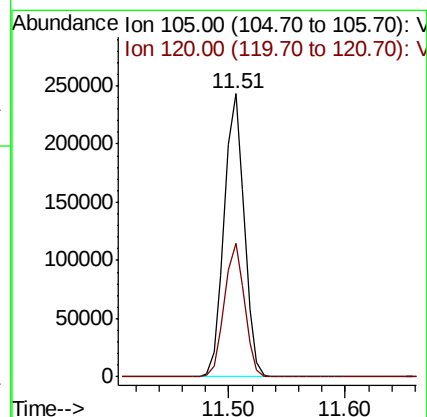
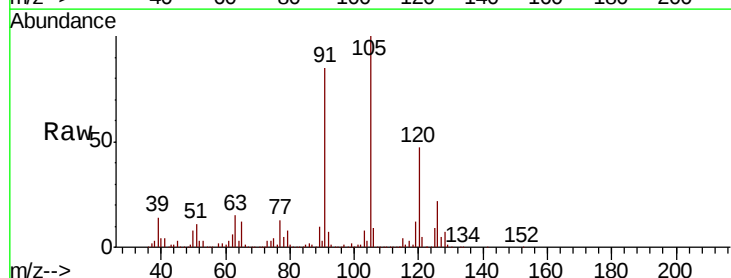
Acq: 19 Mar 2019 10:44

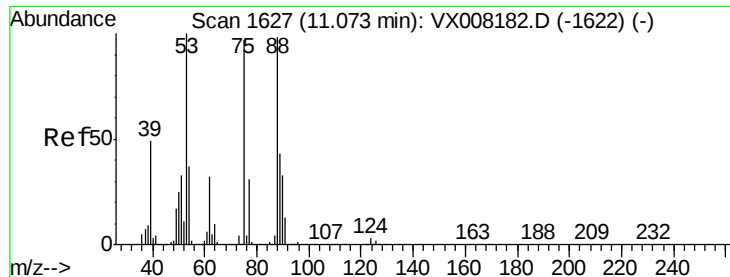
Tgt Ion: 105 Resp: 288420

Ion Ratio Lower Upper

105 100

120 47.5 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 17.467 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX008181.D

Acq: 19 Mar 2019 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

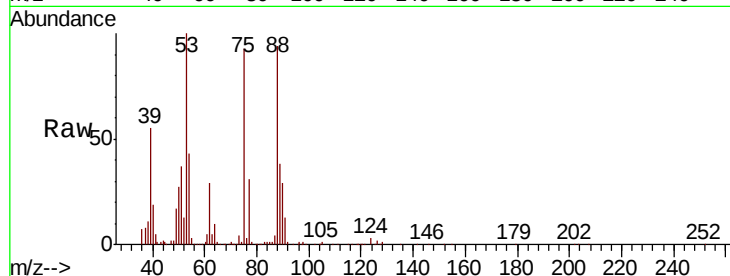
Tgt Ion: 75 Resp: 37861

Ion Ratio Lower Upper

75 100

53 111.8 76.1 114.1

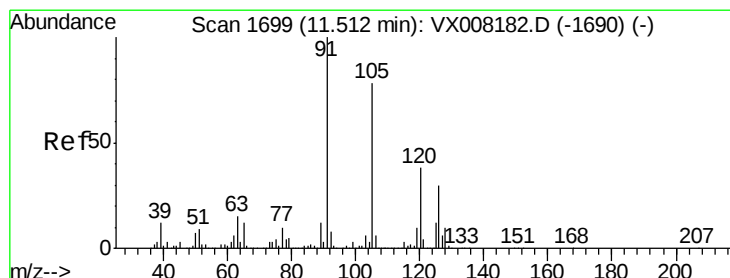
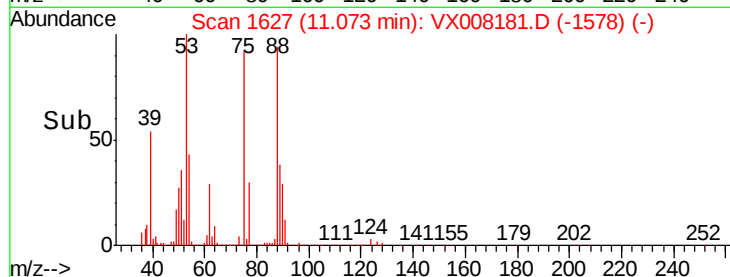
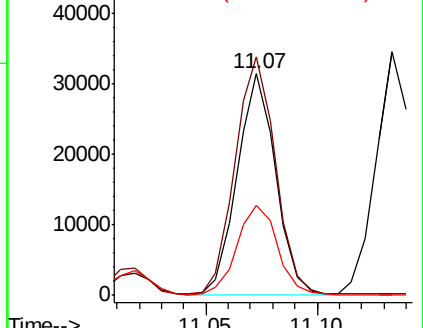
89 42.6 36.3 54.5



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



#82

4-Chlorotoluene

Concen: 18.304 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX008181.D

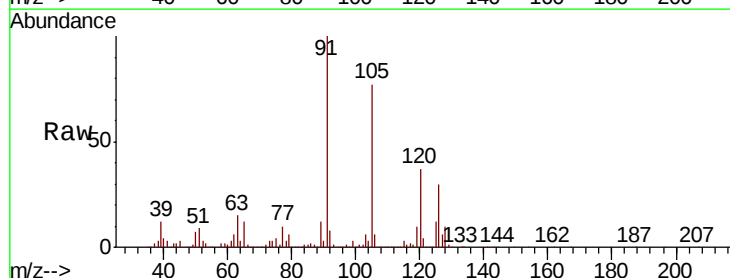
Acq: 19 Mar 2019 10:44

Tgt Ion: 91 Resp: 278689

Ion Ratio Lower Upper

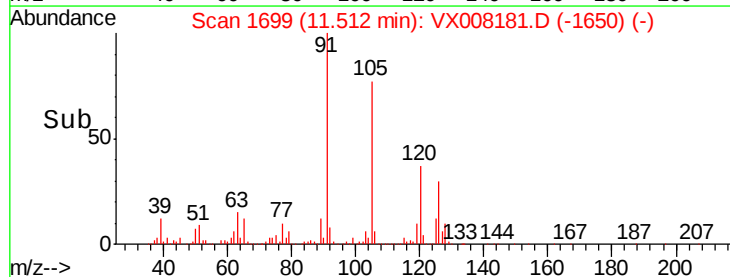
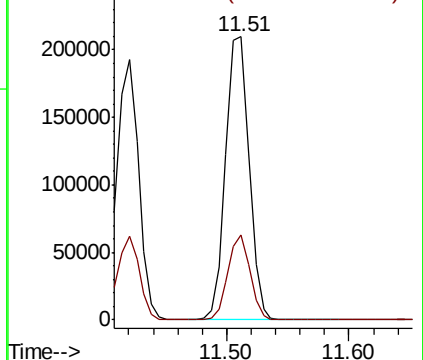
91 100

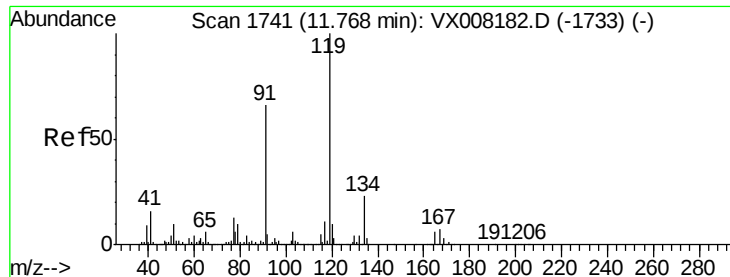
126 28.0 15.6 46.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

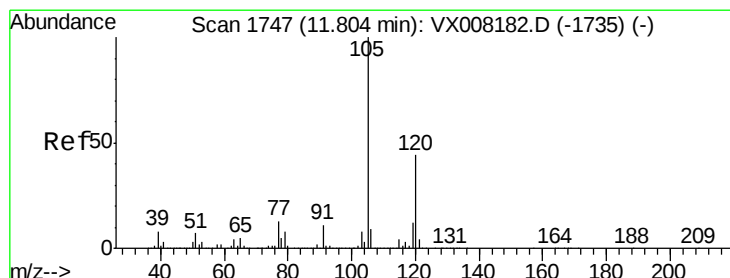
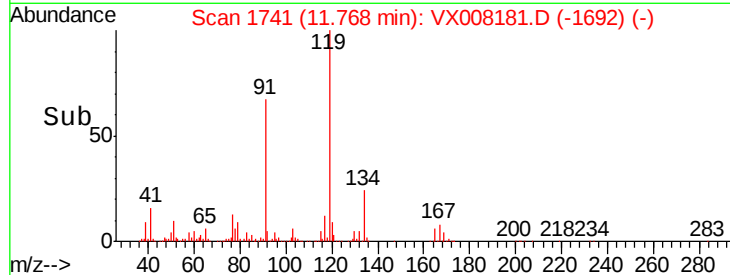
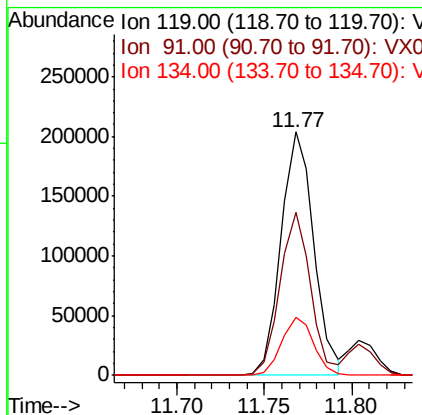
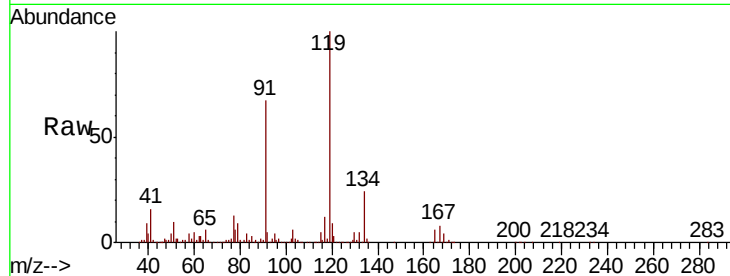




#83
 tert-Butylbenzene
 Concen: 18.044 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX008181.D
 Acq: 19 Mar 2019 10:44

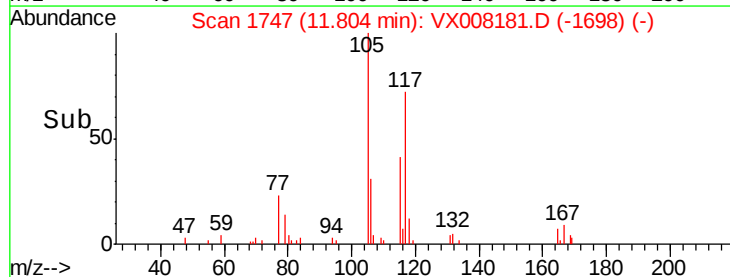
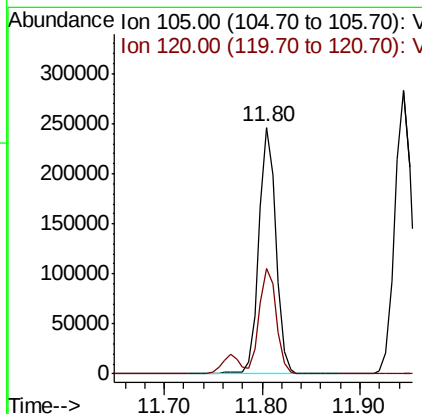
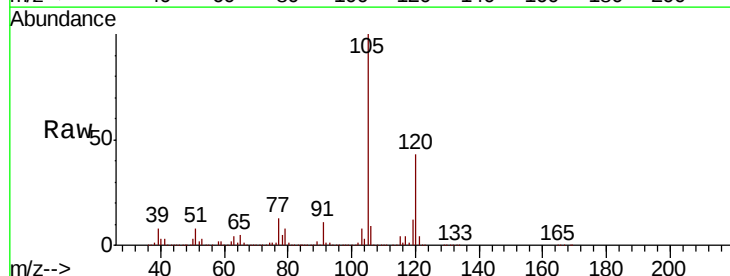
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

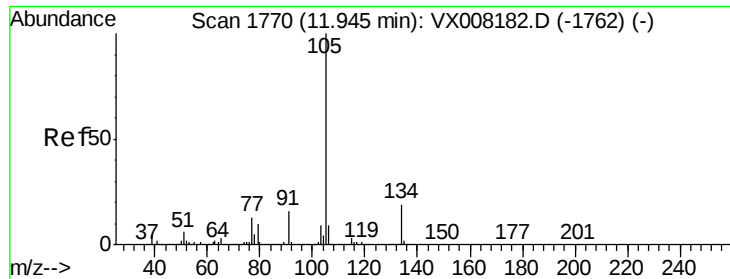
Tgt Ion:119 Resp: 266939
 Ion Ratio Lower Upper
 119 100
 91 62.9 27.1 81.3
 134 23.3 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 18.422 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX008181.D
 Acq: 19 Mar 2019 10:44

Tgt Ion:105 Resp: 295324
 Ion Ratio Lower Upper
 105 100
 120 42.9 22.6 67.7





#85

sec-Butylbenzene

Concen: 18.237 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008181.D

Acq: 19 Mar 2019 10:44

Instrument :

MSVOA_X

ClientSampleId :

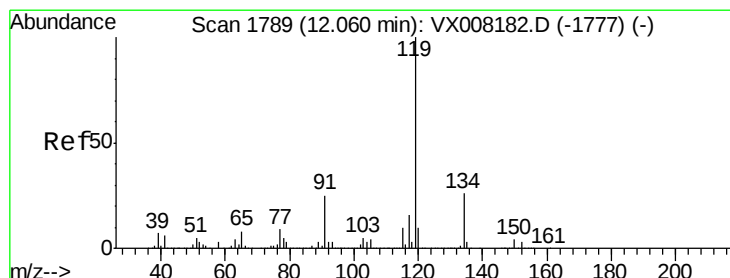
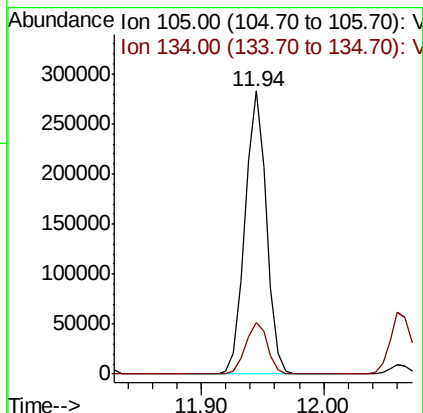
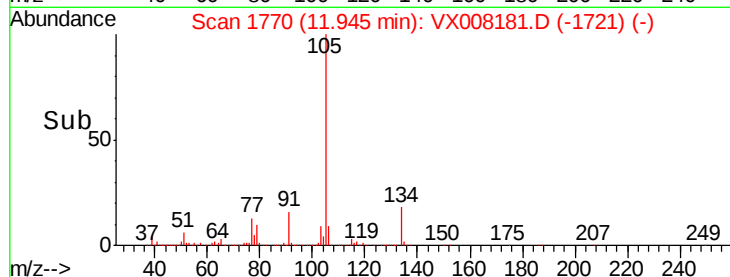
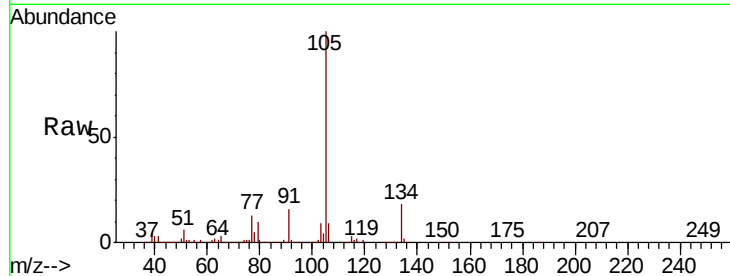
VSTDIC020

Tgt Ion:105 Resp: 341030

Ion Ratio Lower Upper

105 100

134 18.7 10.4 31.2



#86

p-Isopropyltoluene

Concen: 18.126 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX008181.D

Acq: 19 Mar 2019 10:44

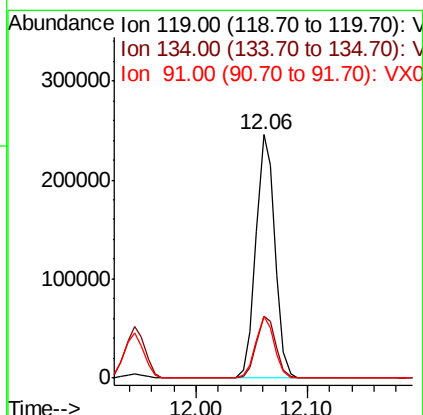
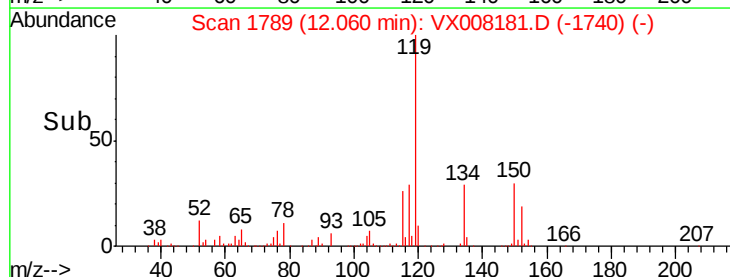
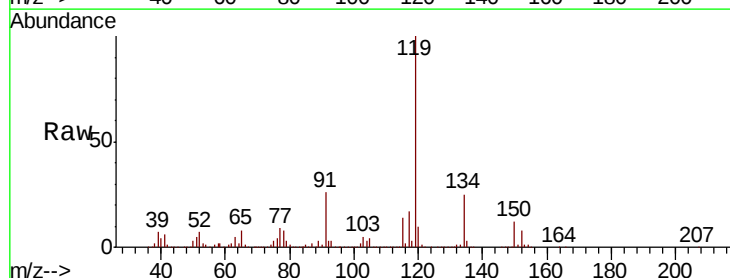
Tgt Ion:119 Resp: 293842

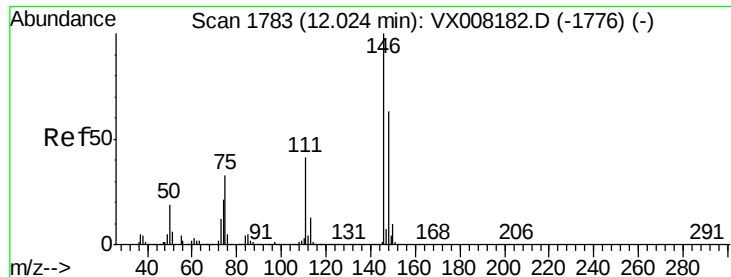
Ion Ratio Lower Upper

119 100

134 25.9 13.3 39.9

91 24.9 10.9 32.7

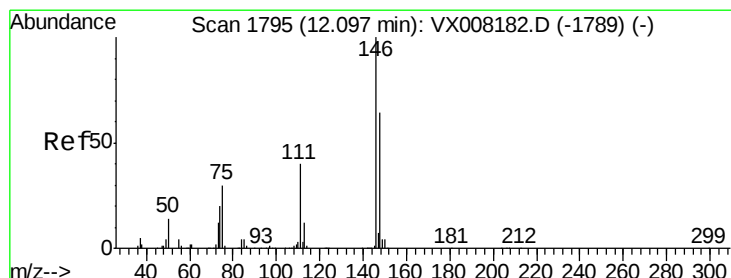
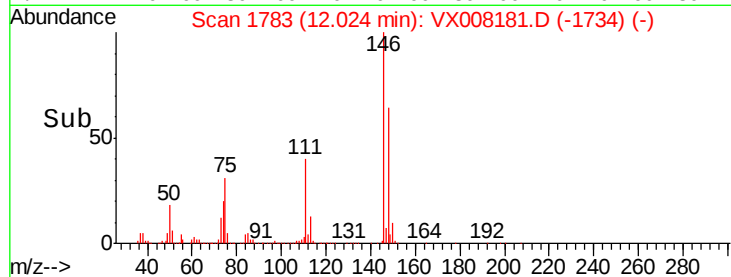
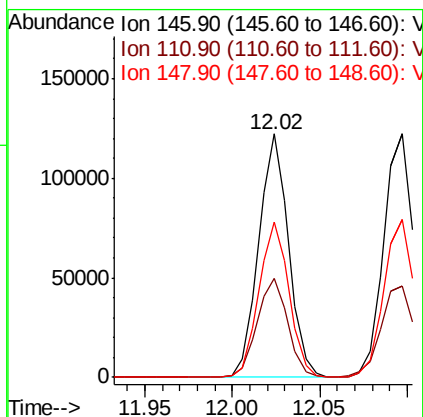
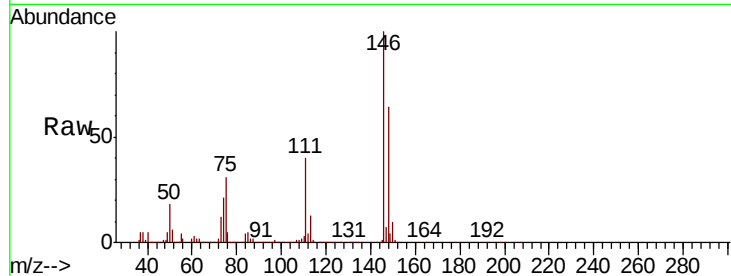




#87
 1,3-Dichlorobenzene
 Concen: 18.486 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008181.D
 Acq: 19 Mar 2019 10:44

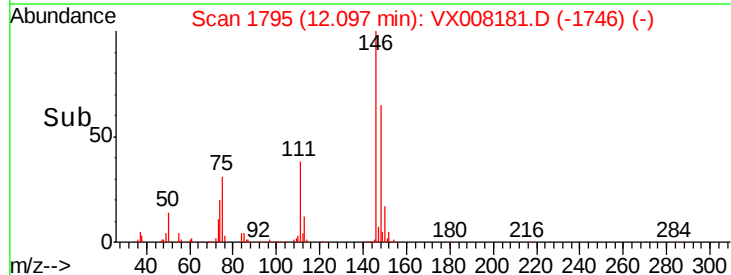
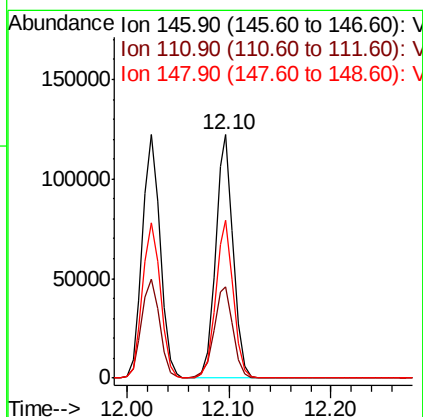
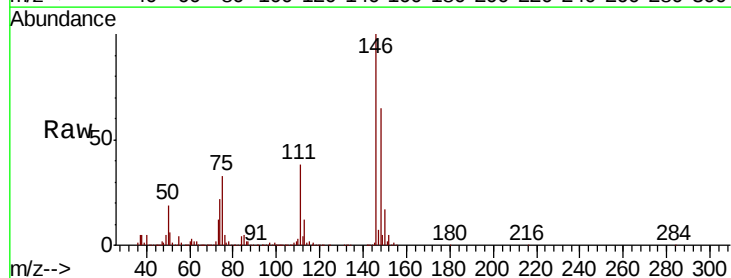
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

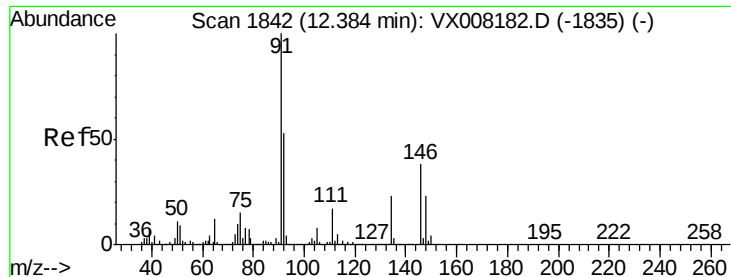
Tgt Ion:146 Resp: 146663
 Ion Ratio Lower Upper
 146 100
 111 41.5 18.9 56.7
 148 64.3 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 18.656 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX008181.D
 Acq: 19 Mar 2019 10:44

Tgt Ion:146 Resp: 148179
 Ion Ratio Lower Upper
 146 100
 111 40.7 18.4 55.0
 148 64.6 32.2 96.6

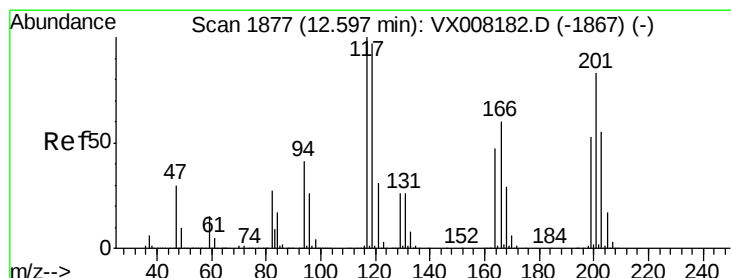
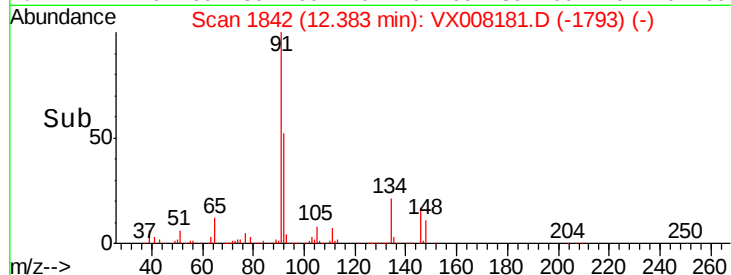
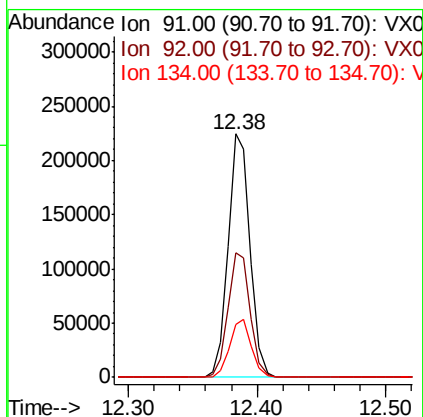
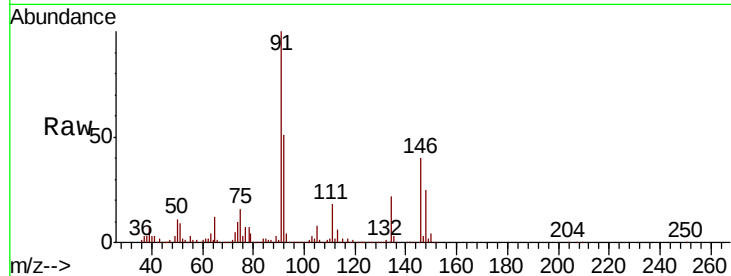




#89
n-Butylbenzene
Concen: 17.352 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX008181.D
Acq: 19 Mar 2019 10:44

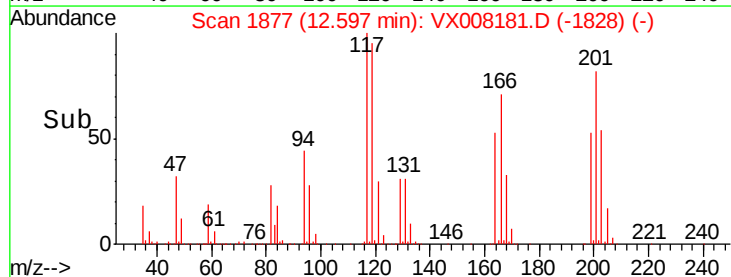
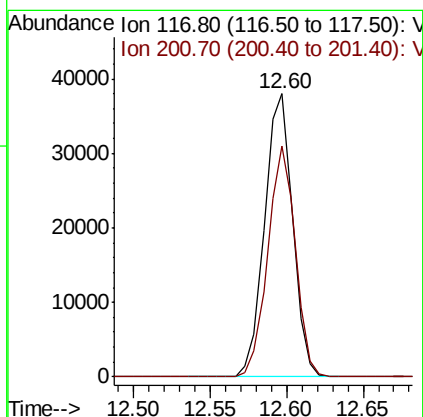
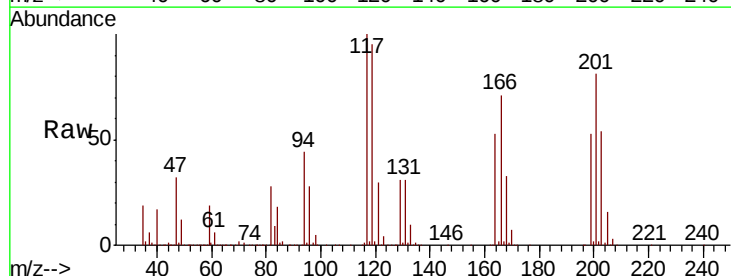
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

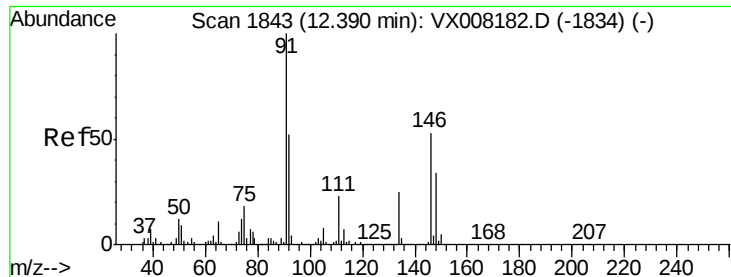
Tgt Ion: 91 Resp: 267475
Ion Ratio Lower Upper
91 100
92 52.1 27.0 80.8
134 23.6 13.7 41.0



#90
Hexachloroethane
Concen: 17.604 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX008181.D
Acq: 19 Mar 2019 10:44

Tgt Ion: 117 Resp: 49062
Ion Ratio Lower Upper
117 100
201 79.5 48.9 146.7





#91

1,2-Dichlorobenzene

Concen: 18.664 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX008181.D

Acq: 19 Mar 2019 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

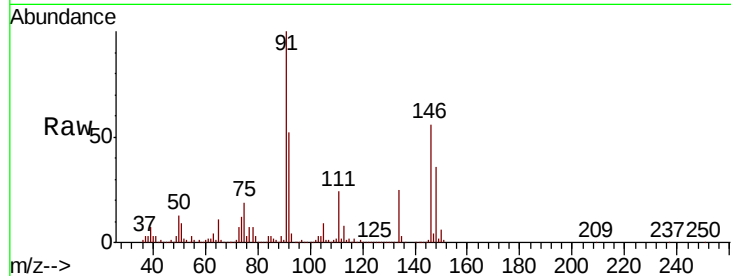
Tgt Ion:146 Resp: 147564

Ion Ratio Lower Upper

146 100

111 42.9 19.6 58.8

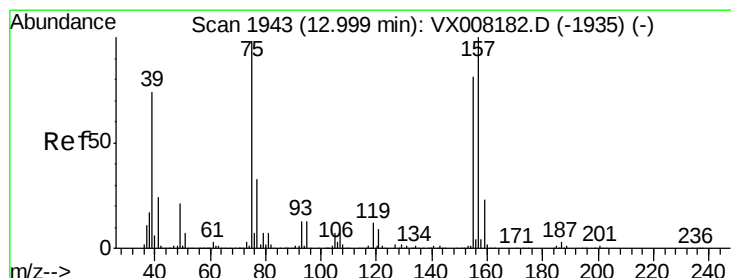
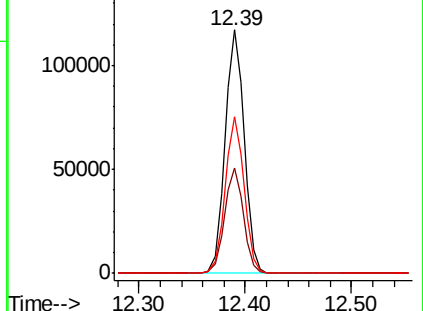
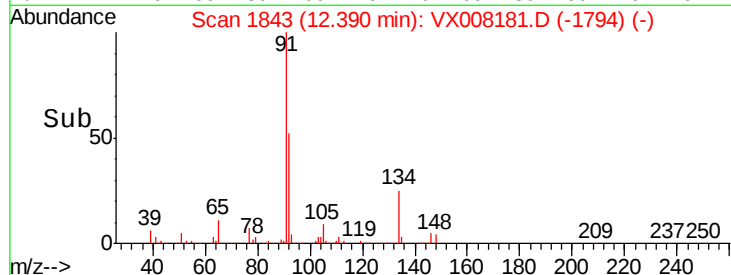
148 63.5 31.9 95.5



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: 17.947 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX008181.D

Acq: 19 Mar 2019 10:44

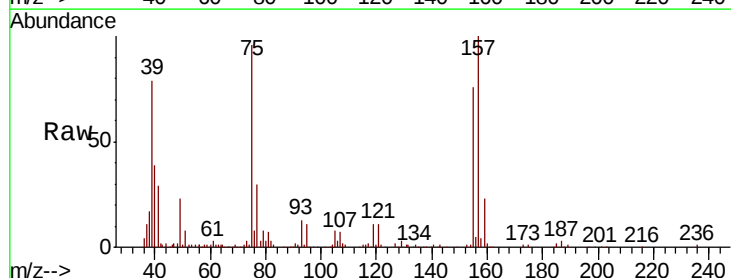
Tgt Ion: 75 Resp: 26457

Ion Ratio Lower Upper

75 100

155 77.7 49.7 149.1

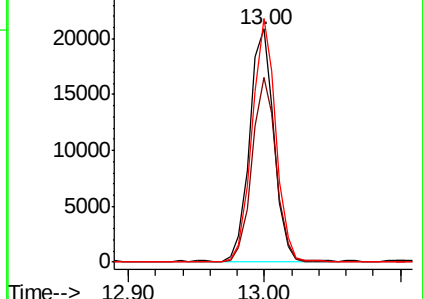
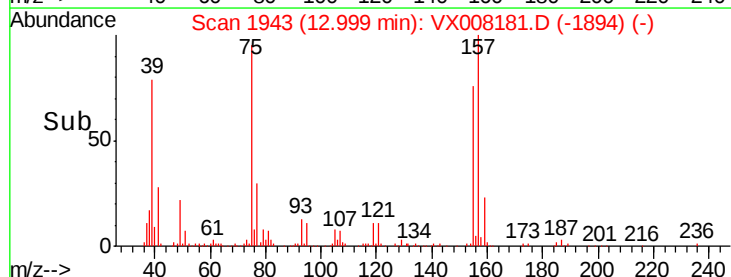
157 101.1 63.8 191.4

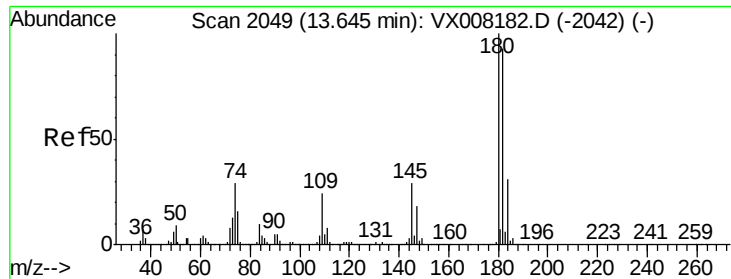


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

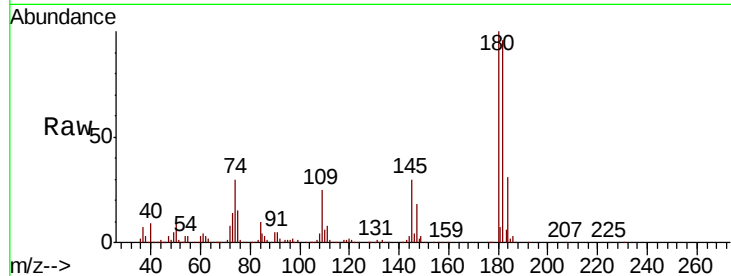




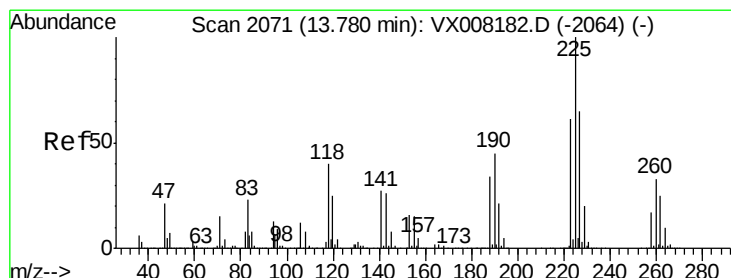
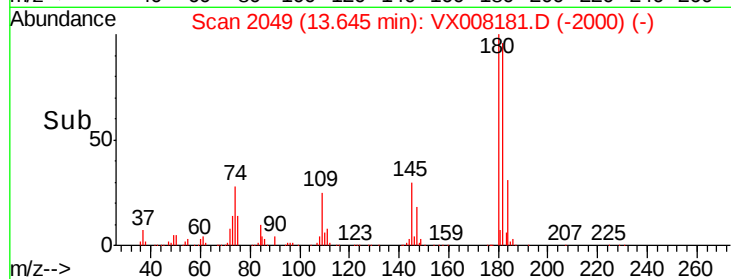
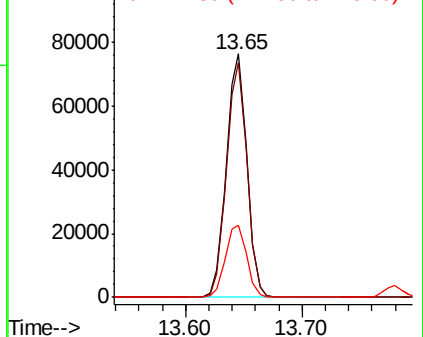
#93
 1,2,4-Trichlorobenzene
 Concen: 17.585 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008181.D
 Acq: 19 Mar 2019 10:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tgt Ion:180 Resp: 93491
 Ion Ratio Lower Upper
 180 100
 182 95.9 47.9 143.7
 145 30.7 14.1 42.4

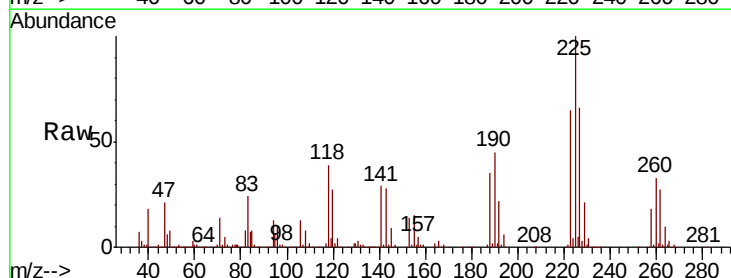


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

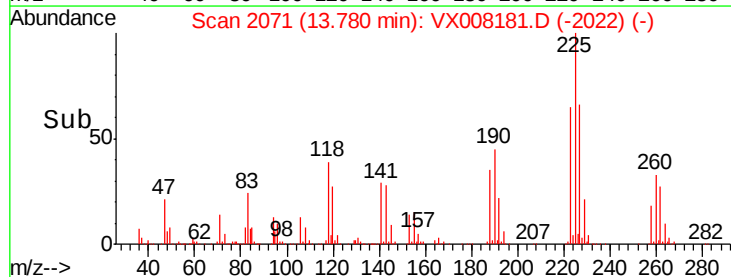
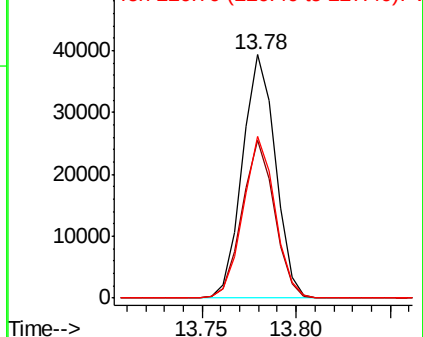


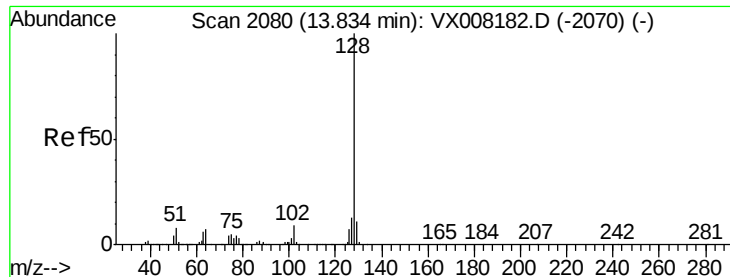
#94
 Hexachlorobutadiene
 Concen: 18.382 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008181.D
 Acq: 19 Mar 2019 10:44

Tgt Ion:225 Resp: 47736
 Ion Ratio Lower Upper
 225 100
 223 63.8 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

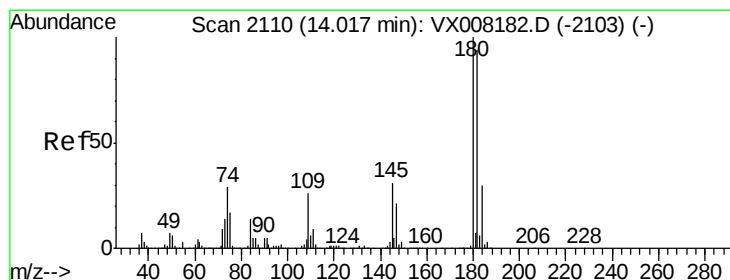
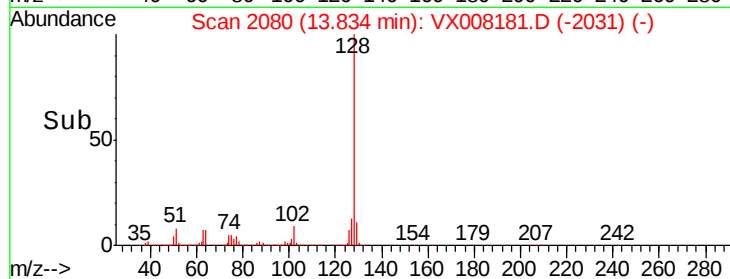
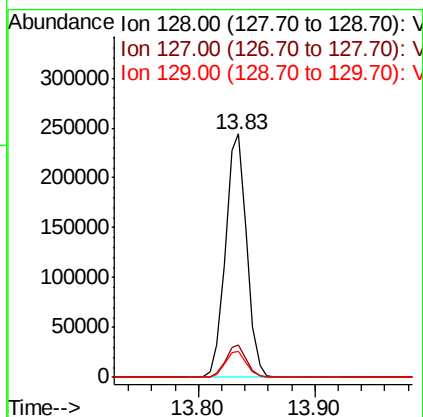
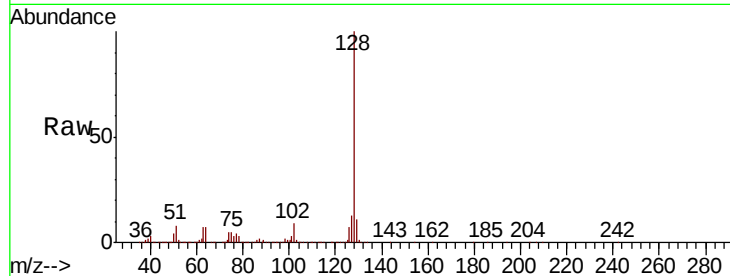




#95
Naphthalene
Concen: 17.479 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX008181.D
Acq: 19 Mar 2019 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:128 Resp: 306270
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 17.864 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX008181.D
Acq: 19 Mar 2019 10:44

Tgt Ion:180 Resp: 94126
Ion Ratio Lower Upper
180 100
182 94.6 47.5 142.5
145 32.8 14.8 44.3

