

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX010819\
 Data File : VX006954.D
 Acq On : 08 Jan 2019 14:11
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX010819

Quant Time: Jan 12 01:02:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	614218	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	897667	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	796583	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	403713	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	304954	47.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.02%	
35) Dibromofluoromethane	5.51	113	281905	49.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.08%	
50) Toluene-d8	8.71	98	1038118	49.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.68%	
62) 4-Bromofluorobenzene	11.13	95	361930	49.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	275964	54.712	ug/l	99
3) Chloromethane	1.32	50	308684	52.570	ug/l	100
4) Vinyl Chloride	1.41	62	319394	50.567	ug/l	100
5) Bromomethane	1.64	94	324405	48.072	ug/l	98
6) Chloroethane	1.71	64	207716	47.097	ug/l	97
7) Trichlorofluoromethane	1.92	101	506965	49.675	ug/l	98
8) Diethyl Ether	2.19	74	192446	47.398	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	290604	47.561	ug/l	98
10) Methyl Iodide	2.51	142	409626	49.700	ug/l	99
11) Tert butyl alcohol	3.09	59	356742	235.594	ug/l	99
12) 1,1-Dichloroethene	2.37	96	274375	48.604	ug/l	98
13) Acrolein	2.30	56	168763	258.315	ug/l	96
14) Allyl chloride	2.73	41	487503	50.389	ug/l	99
15) Acrylonitrile	3.15	53	853129	245.426	ug/l	100
16) Acetone	2.45	43	780660	246.001	ug/l	99
17) Carbon Disulfide	2.57	76	742075	51.058	ug/l	99
18) Methyl Acetate	2.78	43	430269	46.819	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	961228	49.058	ug/l	100
20) Methylene Chloride	2.85	84	310815	51.512	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	295452	46.965	ug/l	96
22) Diisopropyl ether	3.87	45	877277	48.233	ug/l	94
23) Vinyl Acetate	3.82	43	3755449	244.837	ug/l	99
24) 1,1-Dichloroethane	3.70	63	478836	47.082	ug/l	100
25) 2-Butanone	4.70	43	1107104	243.819	ug/l	98
26) 2,2-Dichloropropane	4.59	77	392649	50.207	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	328026	47.273	ug/l	98
28) Bromochloromethane	5.02	49	217832	48.886	ug/l	95
29) Tetrahydrofuran	5.15	42	712065	241.306	ug/l	97
30) Chloroform	5.21	83	506985	47.612	ug/l	100
31) Cyclohexane	5.57	56	437512	48.334	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	443461	49.134	ug/l	99
36) 1,1-Dichloropropene	5.80	75	380074	48.700	ug/l	99
37) Ethyl Acetate	4.85	43	417053	49.844	ug/l	98
38) Carbon Tetrachloride	5.78	117	388808	49.516	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	484033	48.649	ug/l	99
40) Benzene	6.14	78	1146926	48.162	ug/l	99
41) Methacrylonitrile	5.06	41	223003	46.265	ug/l	98
42) 1,2-Dichloroethane	6.20	62	389019	47.273	ug/l	100
43) Isopropyl Acetate	6.46	43	665291	50.409	ug/l	98
44) Trichloroethene	7.21	130	339258	47.541	ug/l	97
45) 1,2-Dichloropropane	7.51	63	290578	48.536	ug/l	96
46) Dibromomethane	7.66	93	208113	49.461	ug/l	98
47) Bromodichloromethane	7.90	83	364088	50.836	ug/l	96
48) Methyl methacrylate	7.77	41	334875	49.409	ug/l	98
49) 1,4-Dioxane	7.75	88	148586	959.629	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	2098371	247.397	ug/l	99
52) Toluene	8.79	92	742799	48.530	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	424939	53.508	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	461584	52.630	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	306270	49.992	ug/l	98
56) Ethyl methacrylate	9.18	69	447863	50.076	ug/l	94
57) 1,3-Dichloropropane	9.37	76	490015	48.822	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1172986	255.080	ug/l	99
59) 2-Hexanone	9.49	43	1612755	249.513	ug/l	99
60) Dibromochloromethane	9.59	129	322940	54.285	ug/l	99
61) 1,2-Dibromoethane	9.67	107	337429	50.030	ug/l	99
64) Tetrachloroethene	9.34	164	330125	47.868	ug/l	96
65) Chlorobenzene	10.14	112	856779	49.314	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	307930	52.686	ug/l	100
67) Ethyl Benzene	10.25	91	1409573	49.145	ug/l	99
68) m/p-Xylenes	10.36	106	1110454	98.267	ug/l	99
69) o-Xylene	10.70	106	540466	49.041	ug/l	97
70) Styrene	10.71	104	877059	50.249	ug/l	99
71) Bromoform	10.86	173	240851	46.433	ug/l	100
73) Isopropylbenzene	11.02	105	1433318	50.350	ug/l	99
74) N-amyl acetate	10.90	43	588188	51.318	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	444171	49.148	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	517642	63.273	ug/l	91
77) Bromobenzene	11.26	156	383028	48.832	ug/l	99
78) n-propylbenzene	11.36	91	1597736	51.126	ug/l	99
79) 2-Chlorotoluene	11.42	91	919315	48.869	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	1180024	49.608	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	132469	48.951	ug/l	98
82) 4-Chlorotoluene	11.51	91	1084217	49.778	ug/l	100
83) tert-Butylbenzene	11.77	119	1205724	50.805	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1199908	50.164	ug/l	100
85) sec-Butylbenzene	11.94	105	1415997	49.959	ug/l	100
86) p-Isopropyltoluene	12.07	119	1287635	50.790	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	695355	49.046	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	697351	51.908	ug/l	100
89) n-Butylbenzene	12.39	91	1106732	51.210	ug/l	99
90) Hexachloroethane	12.60	117	199251	49.275	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	682298	48.766	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	92084	51.519	ug/l	96

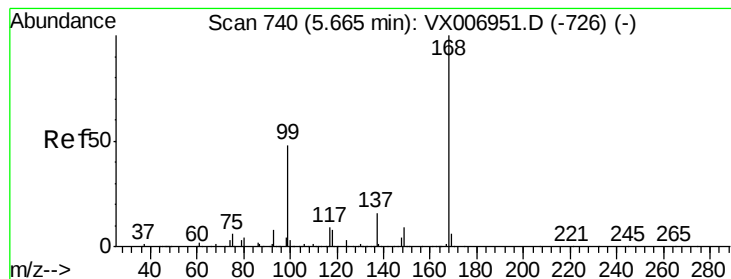
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	492209	51.277	ug/l	99
94) Hexachlorobutadiene	13.78	225	220044	51.657	ug/l	98
95) Naphthalene	13.83	128	1498787	51.528	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	480108	50.350	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX006954.D

Acq: 08 Jan 2019 14:11

Instrument :

MSVOA_X

ClientSampleId :

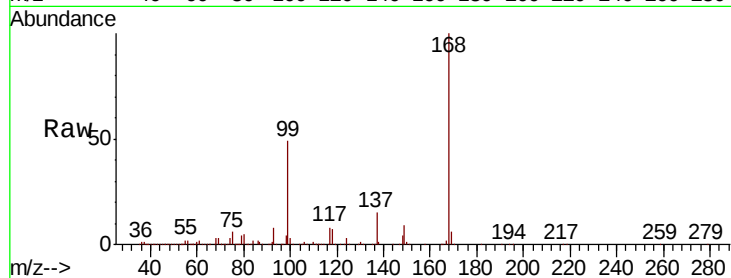
ICVVX010819

Tgt Ion:168 Resp: 614218

Ion Ratio Lower Upper

168 100

99 48.6 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

250000

200000

150000

100000

50000

0

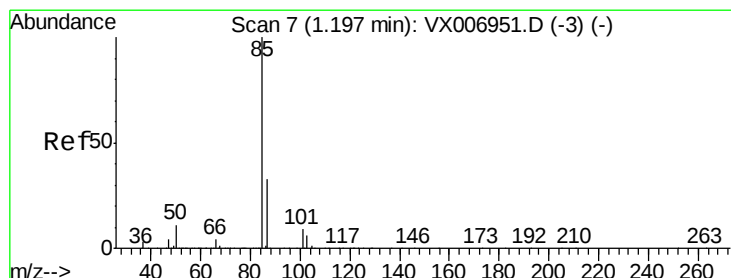
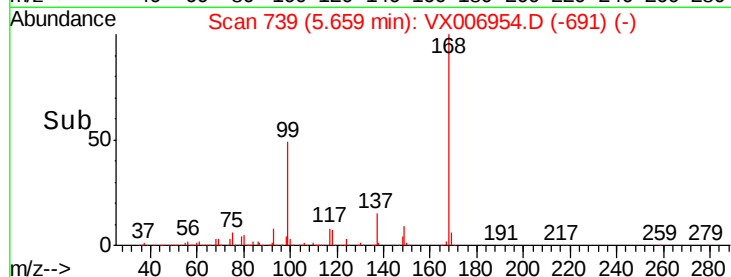
5.50

5.60

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 54.712 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006954.D

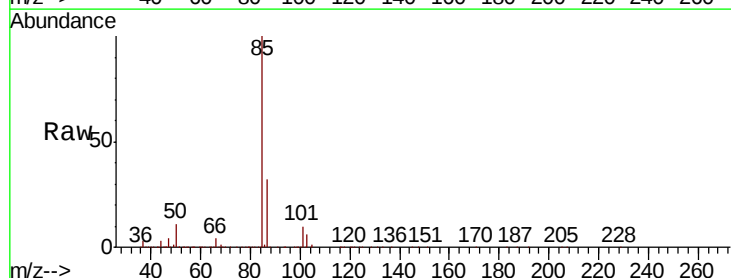
Acq: 08 Jan 2019 14:11

Tgt Ion: 85 Resp: 275964

Ion Ratio Lower Upper

85 100

87 32.4 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

300000

250000

200000

150000

100000

50000

0

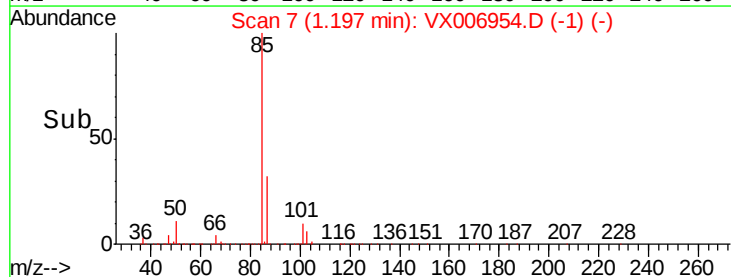
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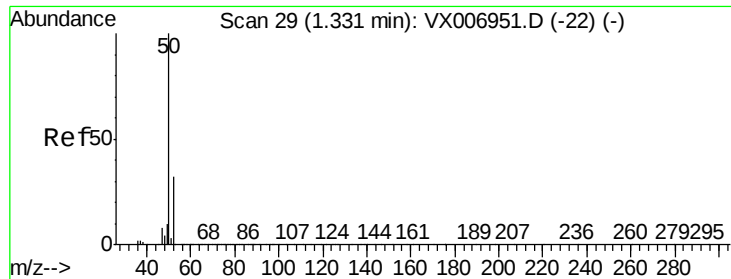
1.20

1.25

1.30

Time-->





#3

Chloromethane

Concen: 52.570 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX006954.D

Acq: 08 Jan 2019 14:11

Instrument :

MSVOA_X

ClientSampleId :

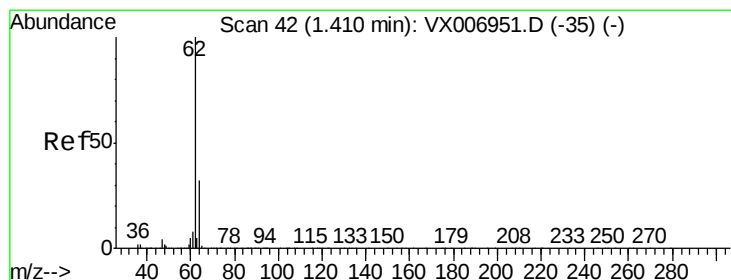
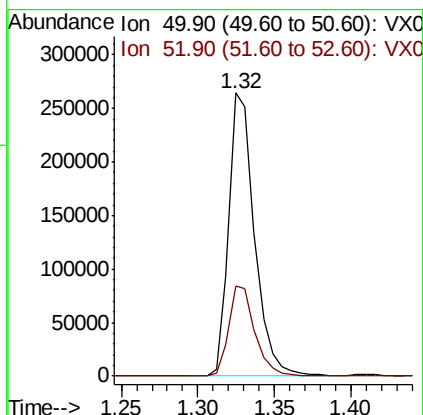
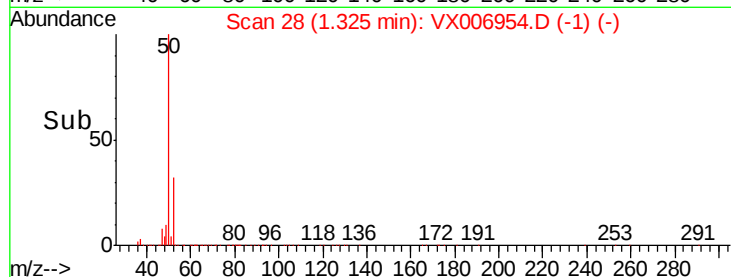
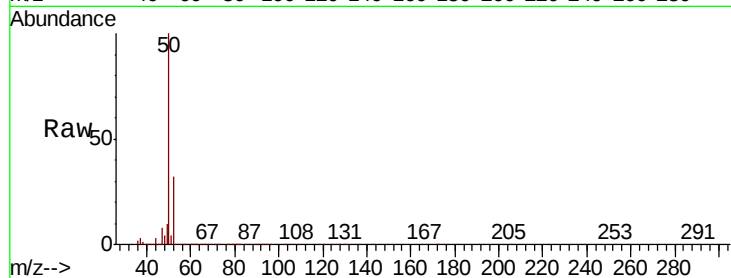
ICVVX010819

Tgt Ion: 50 Resp: 308684

Ion Ratio Lower Upper

50 100

52 31.9 25.4 38.2



#4

Vinyl Chloride

Concen: 50.567 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX006954.D

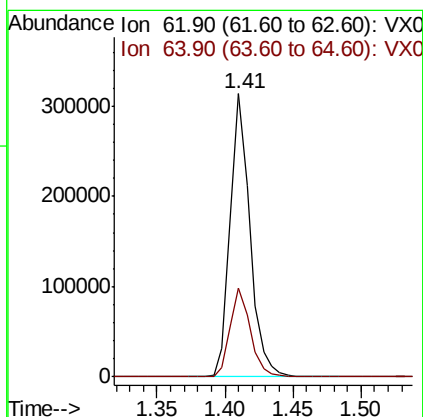
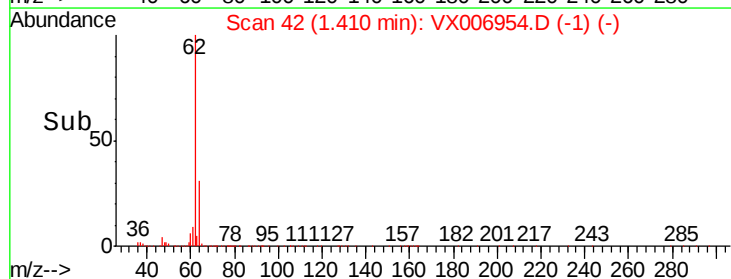
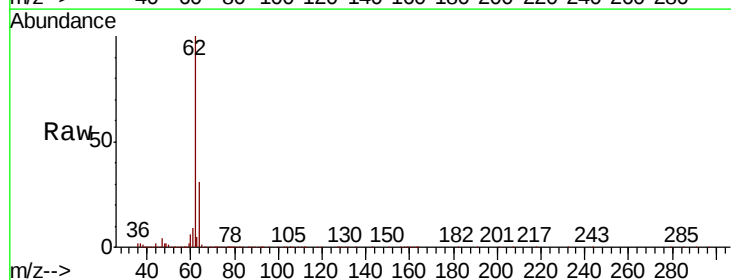
Acq: 08 Jan 2019 14:11

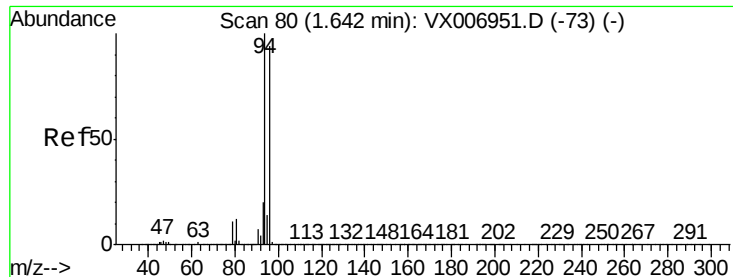
Tgt Ion: 62 Resp: 319394

Ion Ratio Lower Upper

62 100

64 31.4 25.1 37.7





#5

Bromomethane

Concen: 48.072 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX006954.D

Acq: 08 Jan 2019 14:11

Instrument :

MSVOA_X

ClientSampleId :

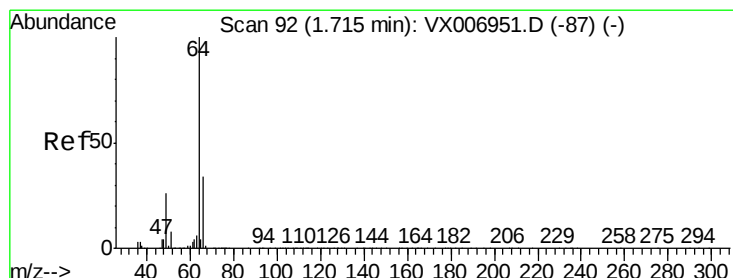
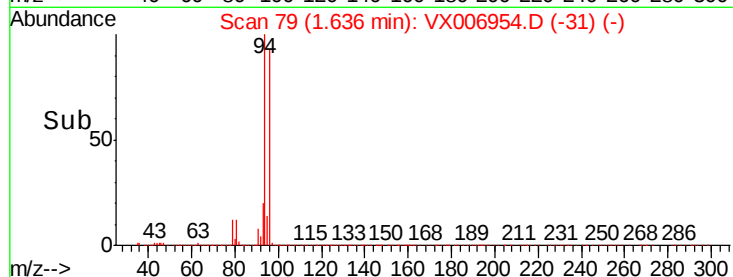
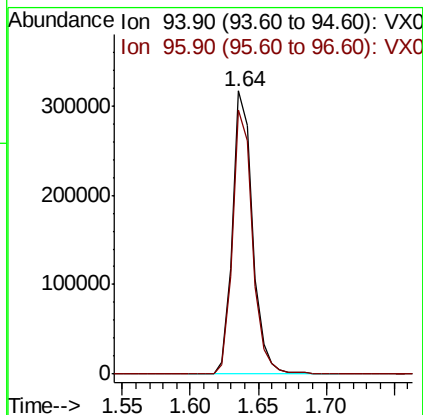
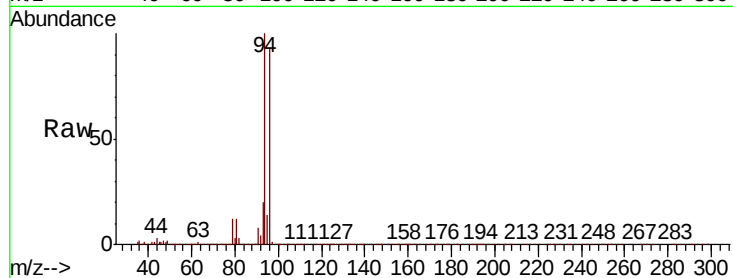
ICVVX010819

Tgt Ion: 94 Resp: 324405

Ion Ratio Lower Upper

94 100

96 93.4 73.4 110.2



#6

Chloroethane

Concen: 47.097 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX006954.D

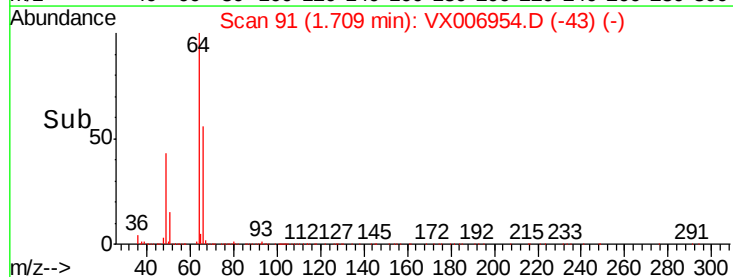
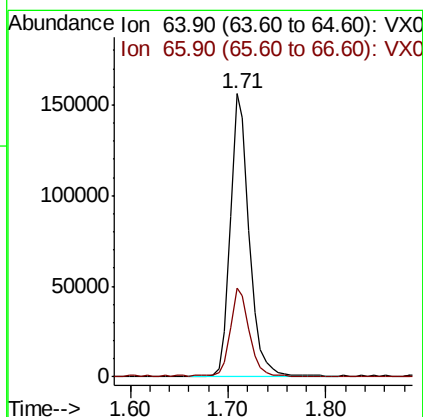
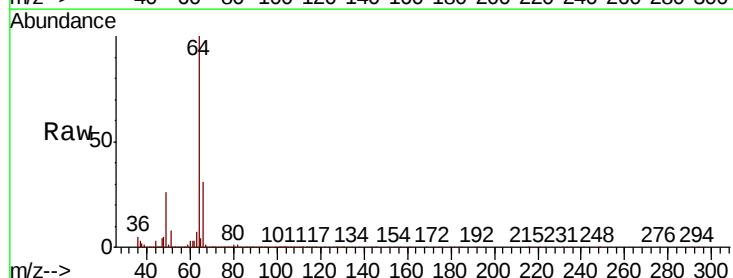
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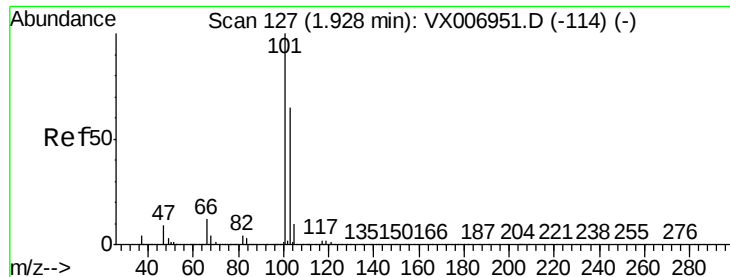
Tgt Ion: 64 Resp: 207716

Ion Ratio Lower Upper

64 100

66 31.4 26.4 39.6



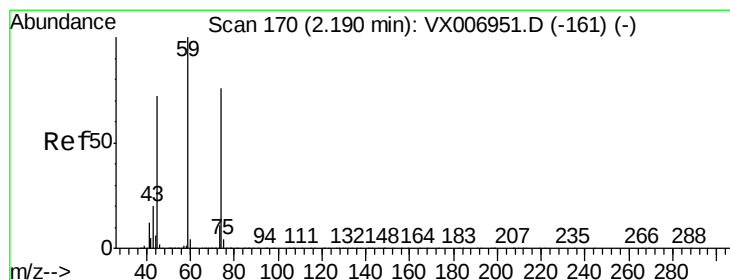
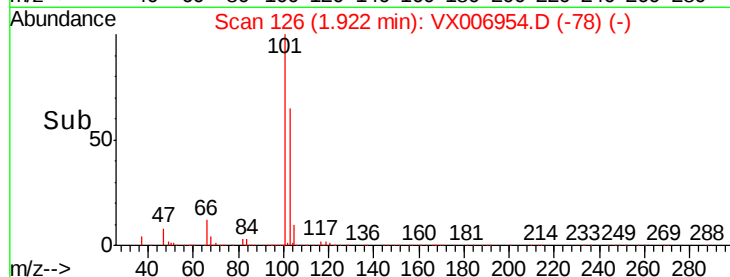
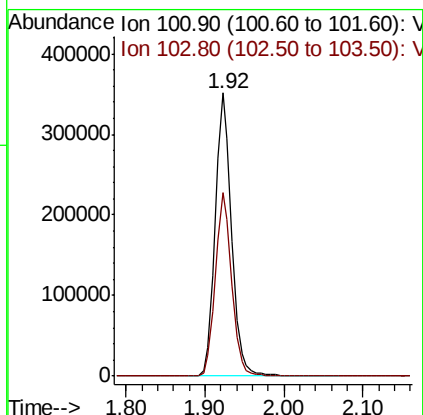
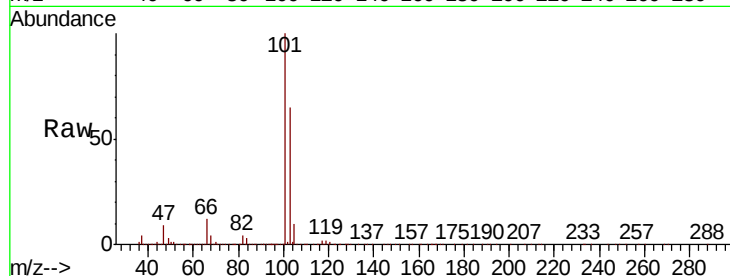


#7

Trichlorofluoromethane
Concen: 49.675 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.01 min
Lab File: VX006954.D
Acq: 08 Jan 2019 14:11

Instrument :
MSVOA_X
ClientSampleId :
ICVVX010819

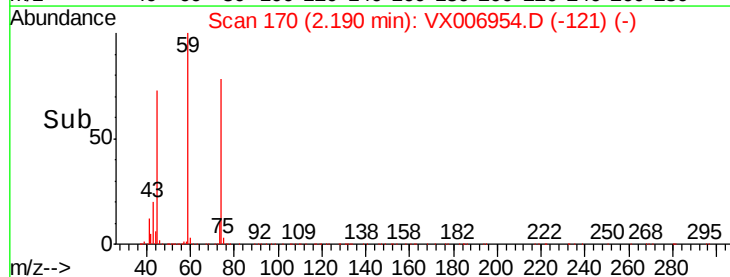
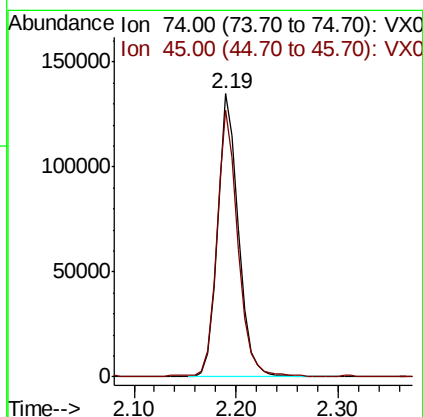
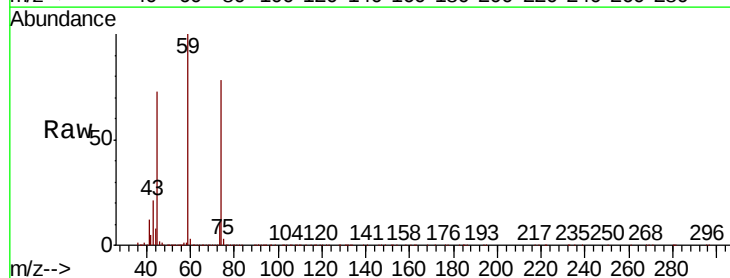
Tgt Ion: 101 Resp: 506965
Ion Ratio Lower Upper
101 100
103 64.8 53.2 79.8

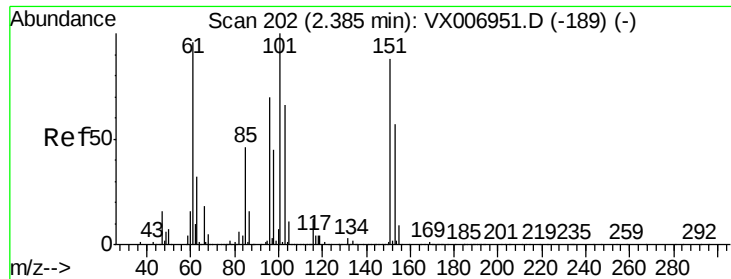


#8

Diethyl Ether
Concen: 47.398 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006954.D
Acq: 08 Jan 2019 14:11

Tgt Ion: 74 Resp: 192446
Ion Ratio Lower Upper
74 100
45 94.3 46.3 138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.561 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX006954.D

Acq: 08 Jan 2019 14:11

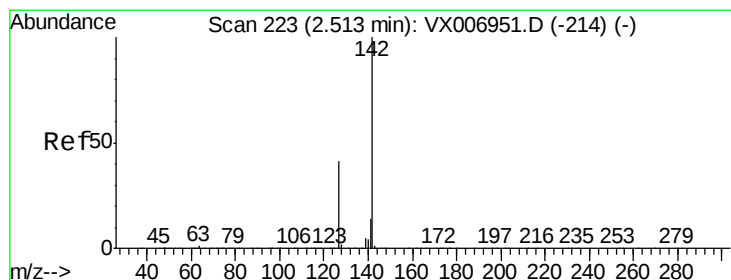
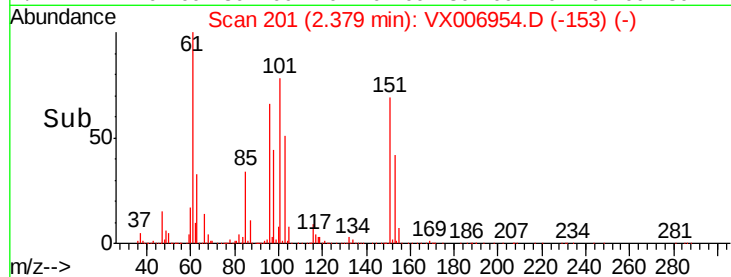
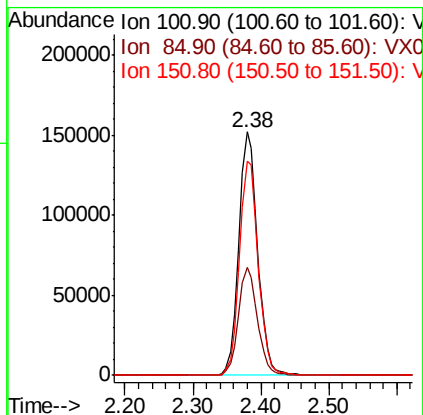
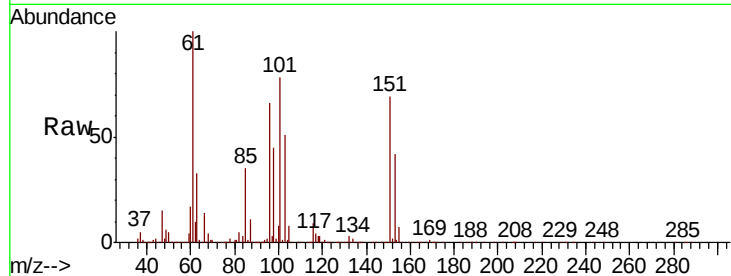
Instrument :

MSVOA_X

ClientSampleId :

ICVVX010819

Tgt Ion:	101	Resp:	290604
Ion Ratio	Lower	Upper	
101	100		
85	45.0	35.1	52.7
151	88.4	68.9	103.3



#10

Methyl Iodide

Concen: 49.700 ug/l

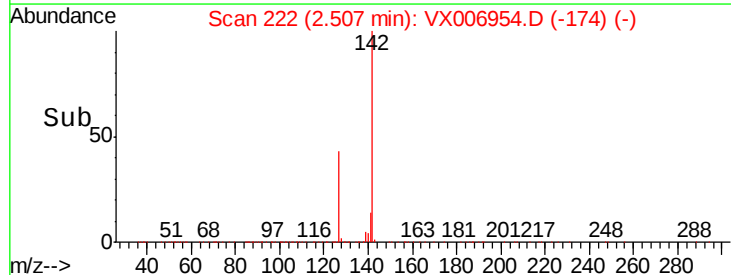
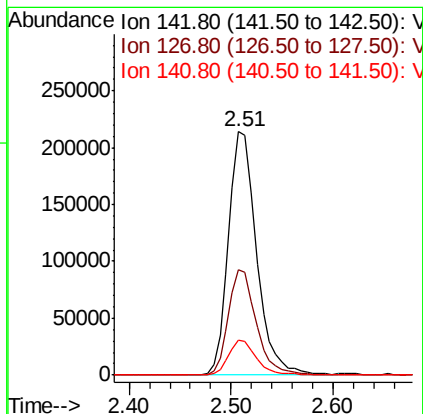
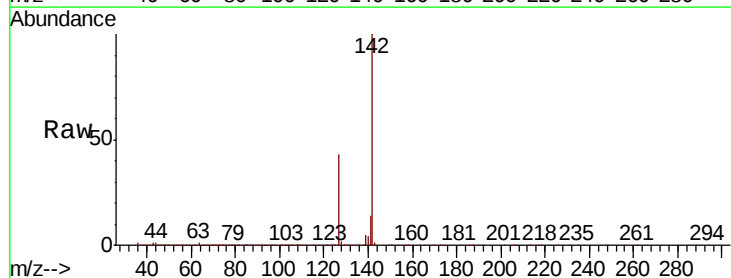
RT: 2.51 min Scan# 222

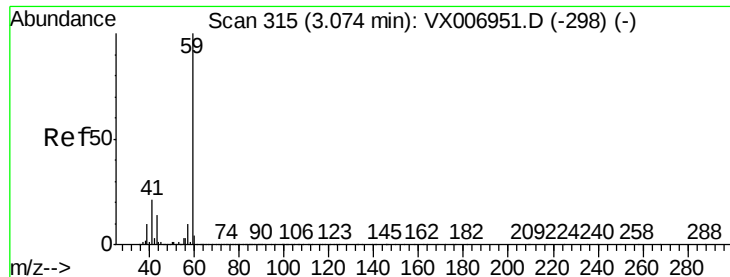
Delta R.T. -0.01 min

Lab File: VX006954.D

Acq: 08 Jan 2019 14:11

Tgt Ion:	142	Resp:	409626
Ion Ratio	Lower	Upper	
142	100		
127	42.8	33.9	50.9
141	14.1	11.4	17.0

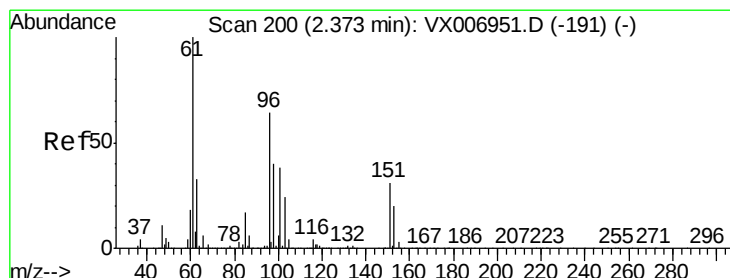
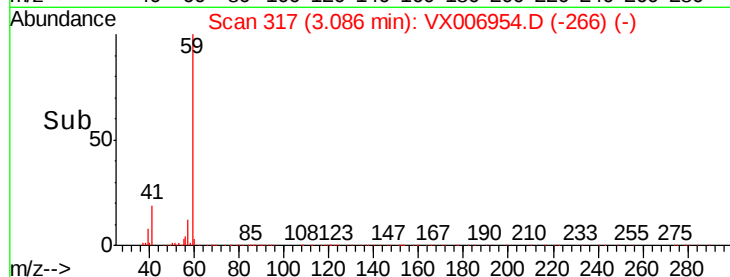
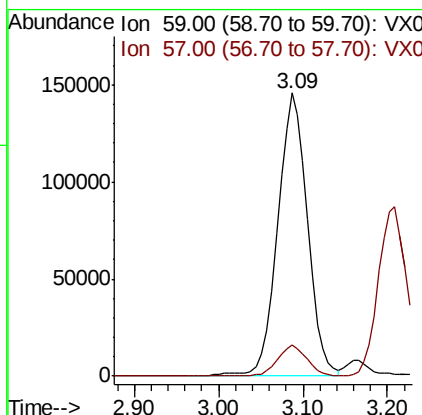
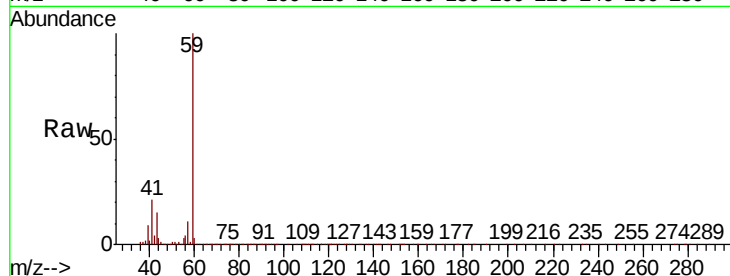




#11
Tert butyl alcohol
Concen: 235.594 ug/l
RT: 3.09 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX006954.D
Acq: 08 Jan 2019 14:11

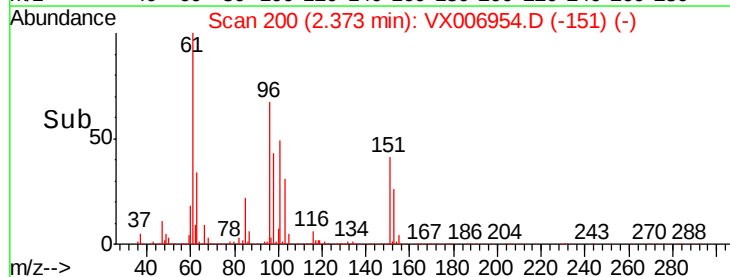
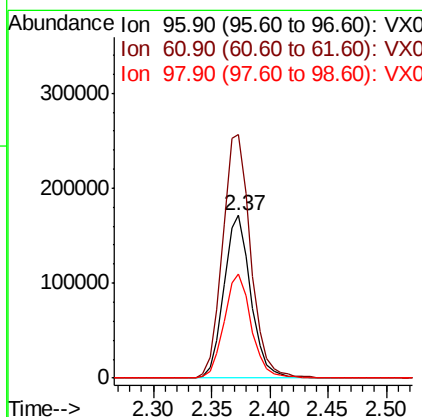
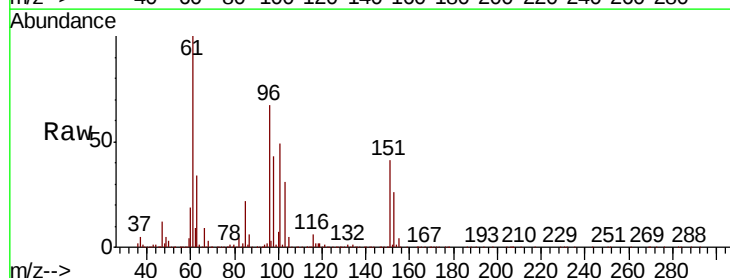
Instrument :
MSVOA_X
ClientSampleId :
ICVVX010819

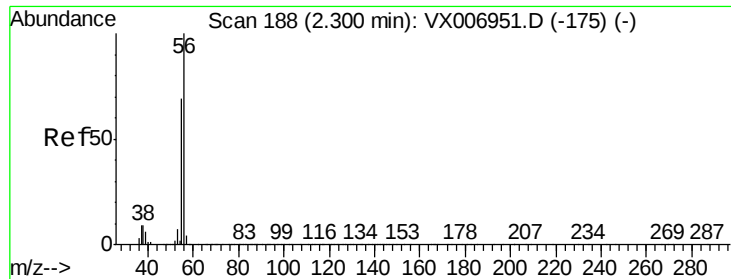
Tgt Ion: 59 Resp: 356742
Ion Ratio Lower Upper
59 100
57 10.8 8.5 12.7



#12
1,1-Dichloroethene
Concen: 48.604 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX006954.D
Acq: 08 Jan 2019 14:11

Tgt Ion: 96 Resp: 274375
Ion Ratio Lower Upper
96 100
61 149.6 121.4 182.2
98 63.9 51.9 77.9

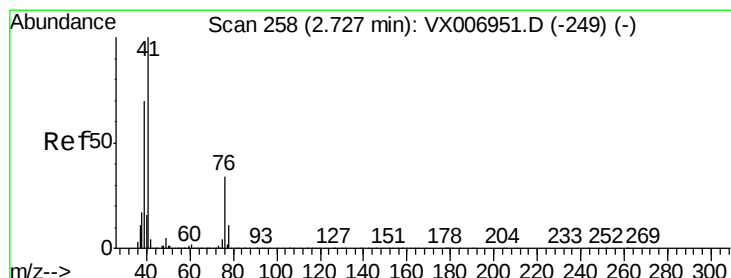
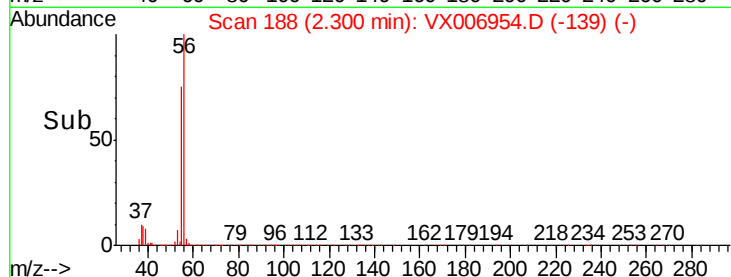
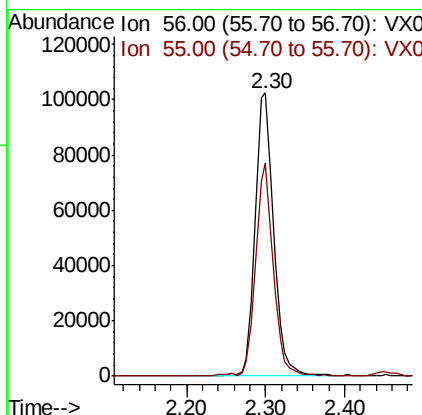
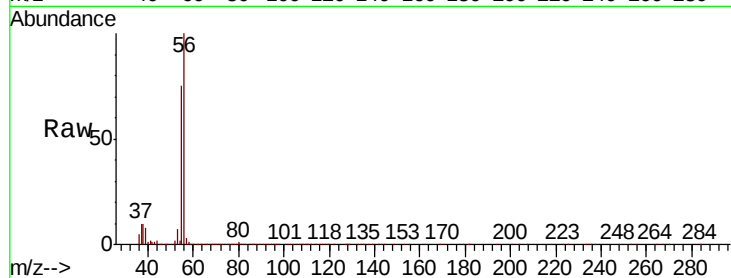




#13
Acrolein
Concen: 258.315 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.00 min
Lab File: VX006954.D
Acq: 08 Jan 2019 14:11

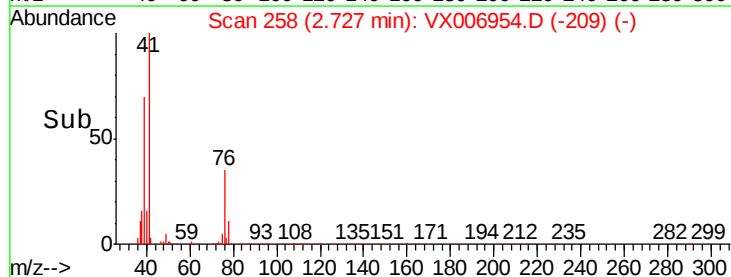
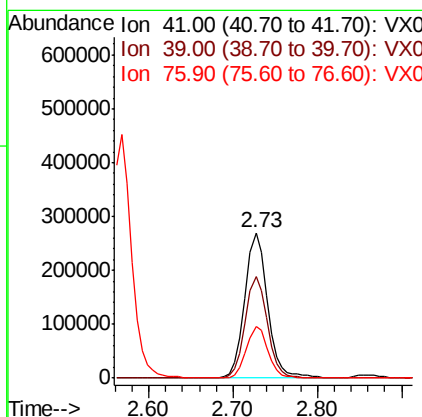
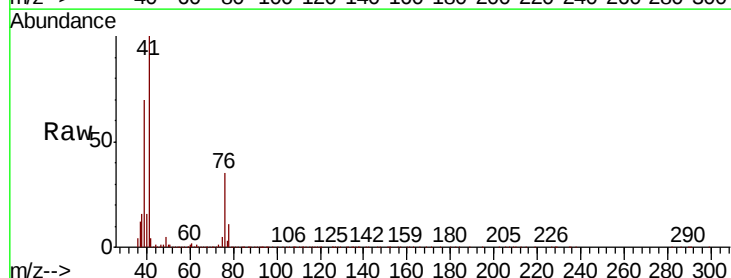
Instrument :
MSVOA_X
ClientSampleId :
ICVVX010819

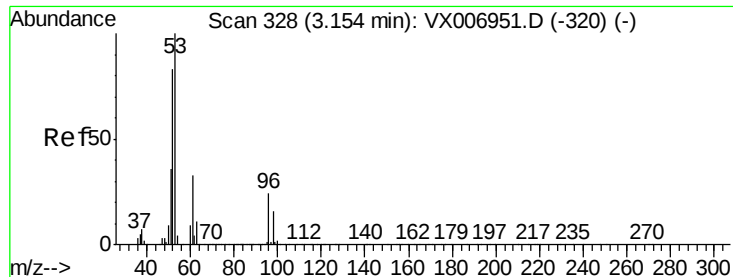
Tgt Ion: 56 Resp: 168763
Ion Ratio Lower Upper
56 100
55 69.6 58.2 87.4



#14
Allyl chloride
Concen: 50.389 ug/l
RT: 2.73 min Scan# 258
Delta R.T. 0.00 min
Lab File: VX006954.D
Acq: 08 Jan 2019 14:11

Tgt Ion: 41 Resp: 487503
Ion Ratio Lower Upper
41 100
39 68.1 53.6 80.4
76 33.7 27.4 41.2





#15

Acrylonitrile

Concen: 245.426 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX006954.D

Acq: 08 Jan 2019 14:11

Instrument :

MSVOA_X

ClientSampleId :

ICVVX010819

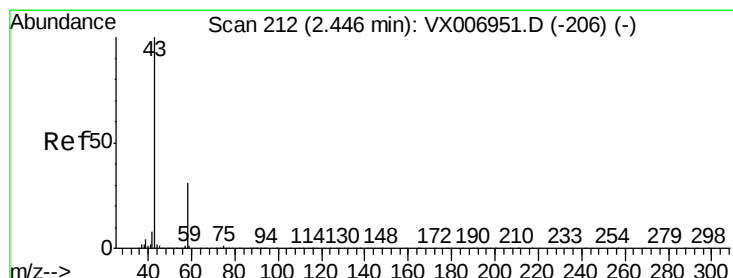
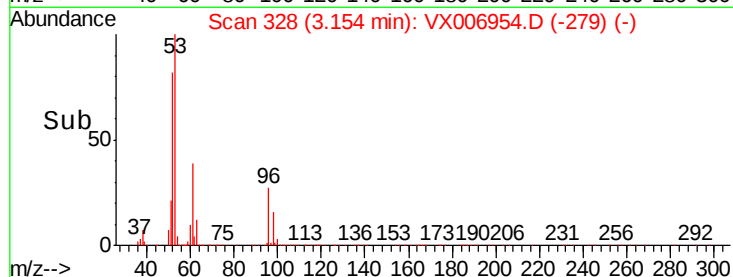
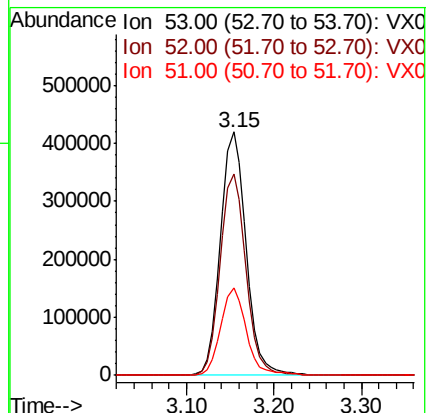
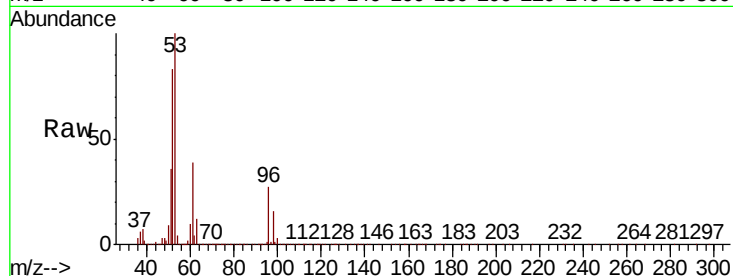
Tgt Ion: 53 Resp: 853129

Ion Ratio Lower Upper

53 100

52 82.5 66.0 99.0

51 35.8 28.6 42.8



#16

Acetone

Concen: 246.001 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX006954.D

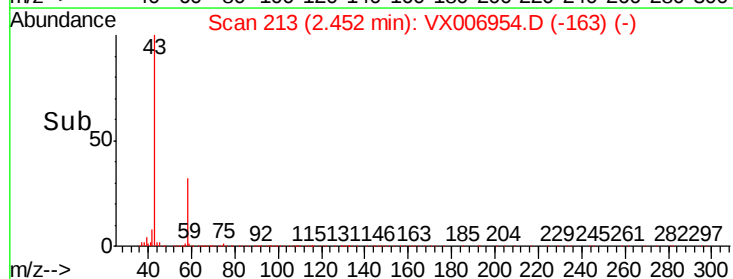
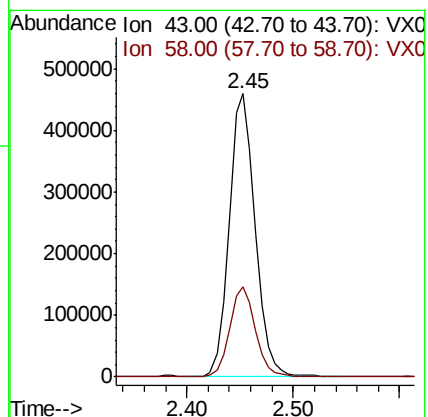
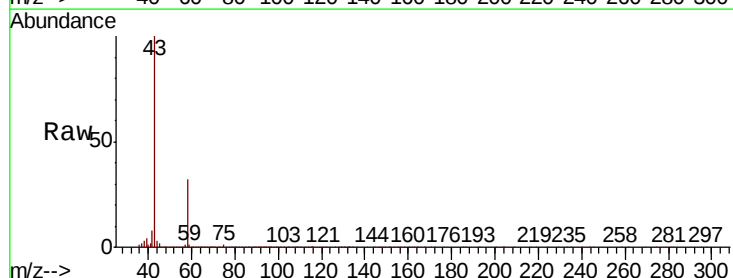
Acq: 08 Jan 2019 14:11

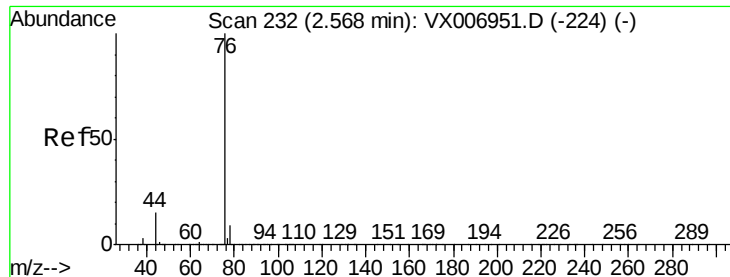
Tgt Ion: 43 Resp: 780660

Ion Ratio Lower Upper

43 100

58 32.0 25.0 37.6





#17

Carbon Disulfide

Concen: 51.058 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX006954.D

Acq: 08 Jan 2019 14:11

Instrument :

MSVOA_X

ClientSampleId :

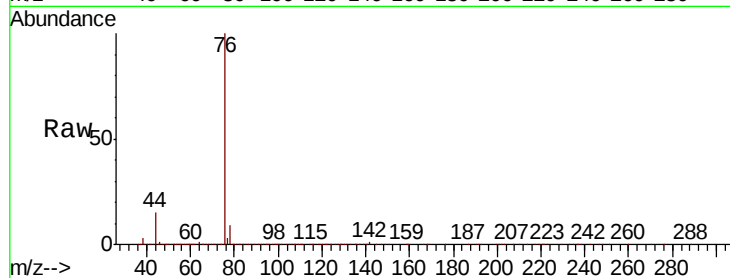
ICVVX010819

Tgt Ion: 76 Resp: 742075

Ion Ratio Lower Upper

76 100

78 9.2 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

500000

400000

300000

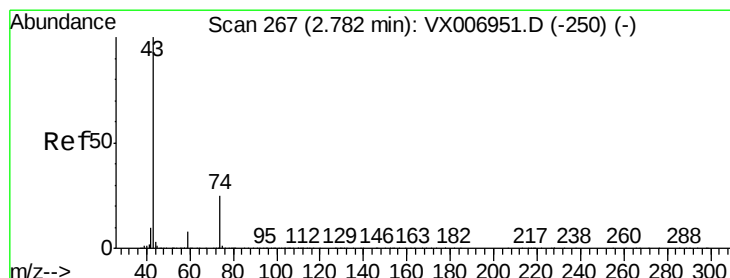
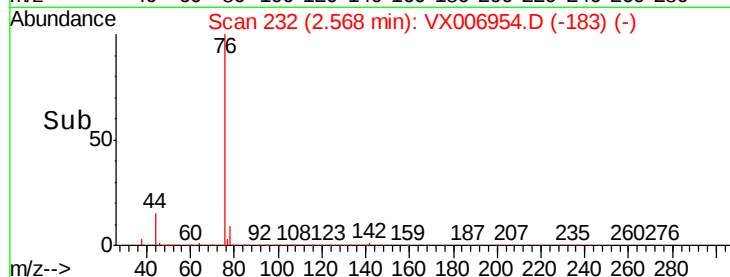
200000

100000

0

Time-->

2.50 2.60 2.70



#18

Methyl Acetate

Concen: 46.819 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX006954.D

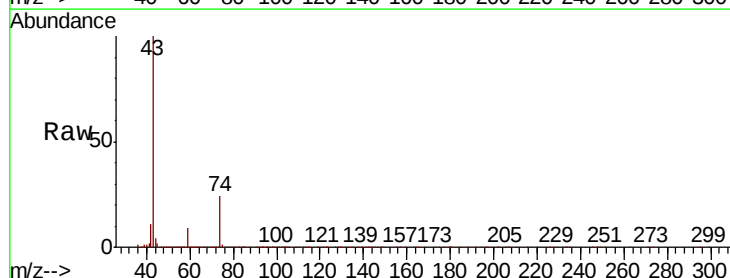
Acq: 08 Jan 2019 14:11

Tgt Ion: 43 Resp: 430269

Ion Ratio Lower Upper

43 100

74 24.3 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

250000

200000

150000

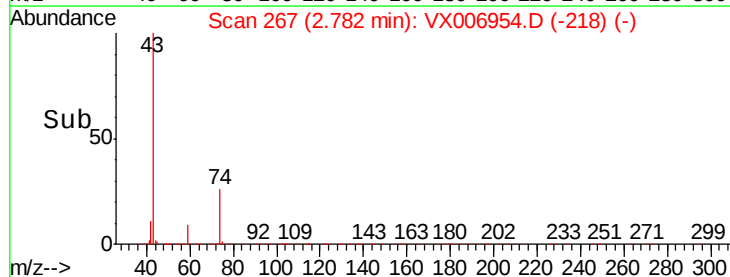
100000

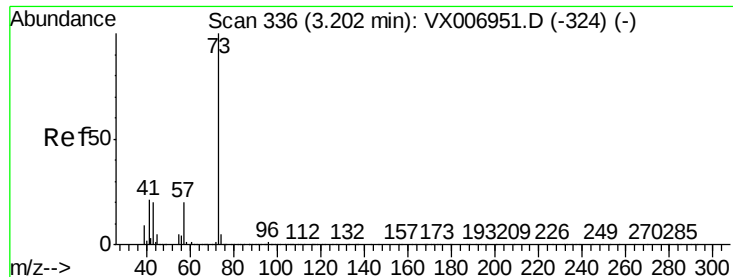
50000

0

Time-->

2.70 2.75 2.80 2.85



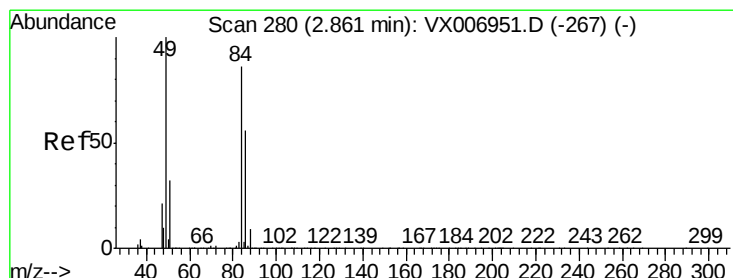
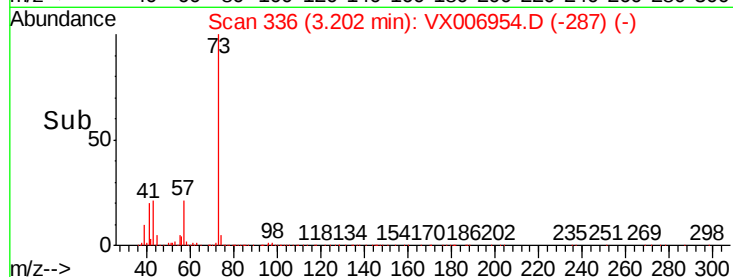
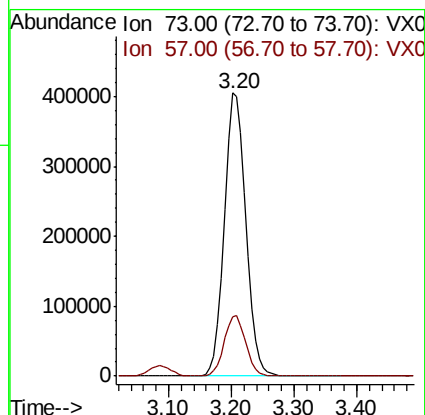
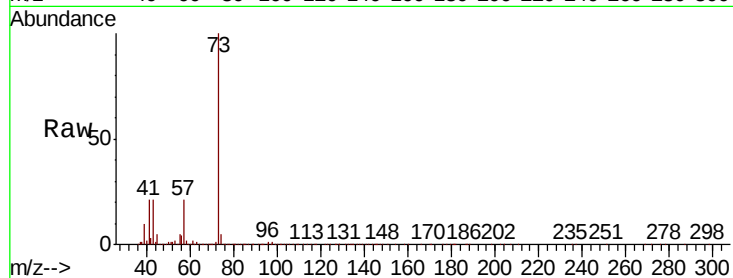


#19

Methyl tert-butyl Ether
Concen: 49.058 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX006954.D
Acq: 08 Jan 2019 14:11

Instrument :
MSVOA_X
ClientSampleId :
ICVVX010819

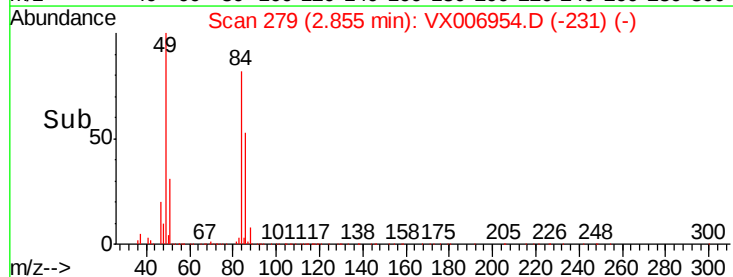
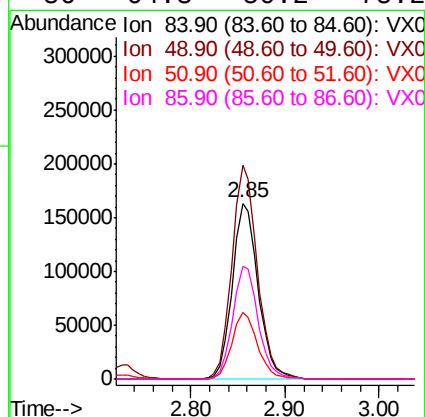
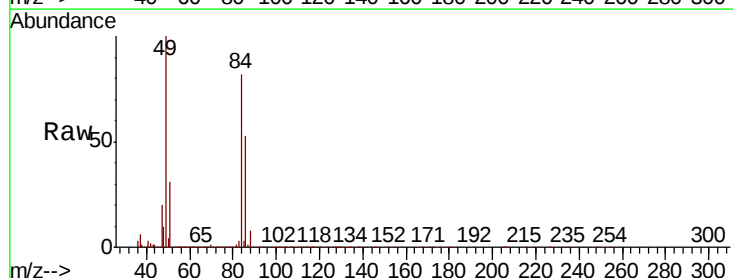
Tgt Ion: 73 Resp: 961228
Ion Ratio Lower Upper
73 100
57 20.8 16.8 25.2

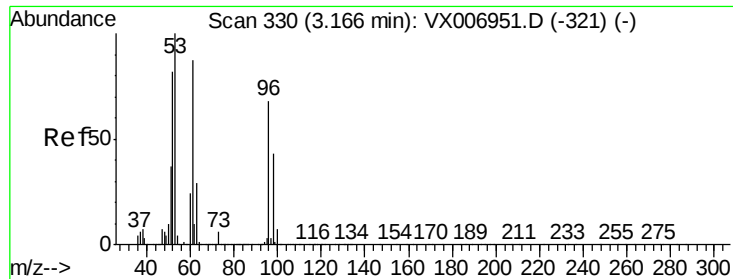


#20

Methylene Chloride
Concen: 51.512 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX006954.D
Acq: 08 Jan 2019 14:11

Tgt Ion: 84 Resp: 310815
Ion Ratio Lower Upper
84 100
49 121.7 91.8 137.6
51 37.6 28.5 42.7
86 64.3 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 46.965 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX006954.D

Acq: 08 Jan 2019 14:11

Instrument :

MSVOA_X

ClientSampleId :

ICVX010819

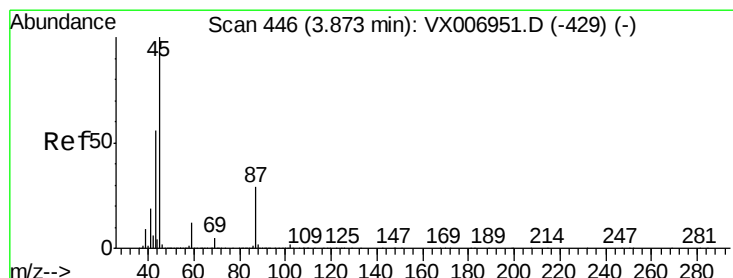
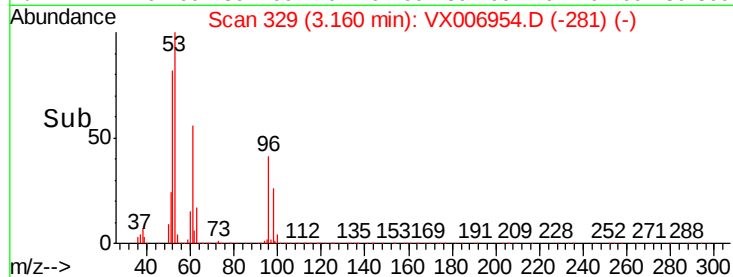
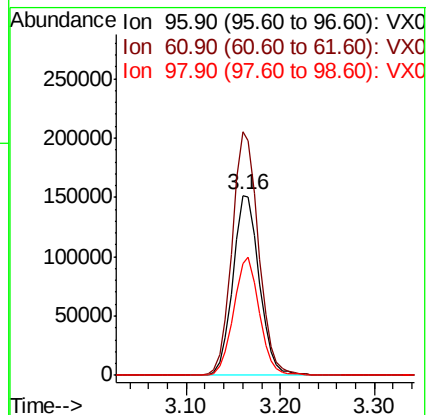
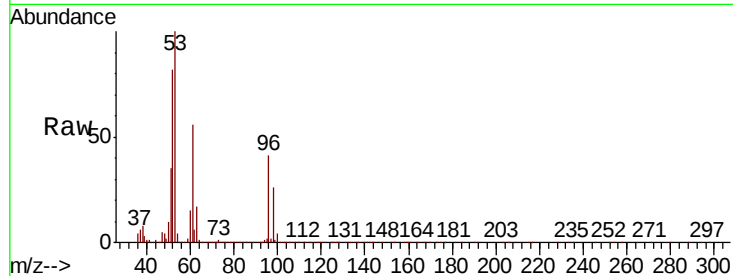
Tgt Ion: 96 Resp: 295452

Ion Ratio Lower Upper

96 100

61 135.4 103.7 155.5

98 62.5 51.0 76.6



#22

Diisopropyl ether

Concen: 48.233 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX006954.D

Acq: 08 Jan 2019 14:11

Tgt Ion: 45 Resp: 877277

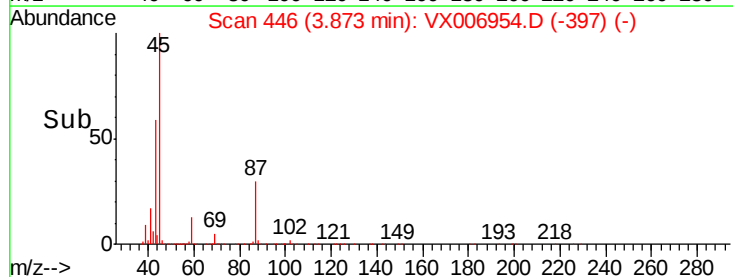
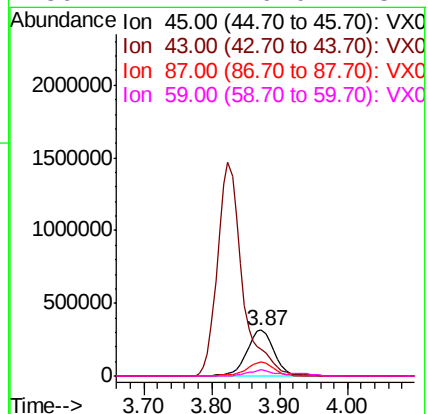
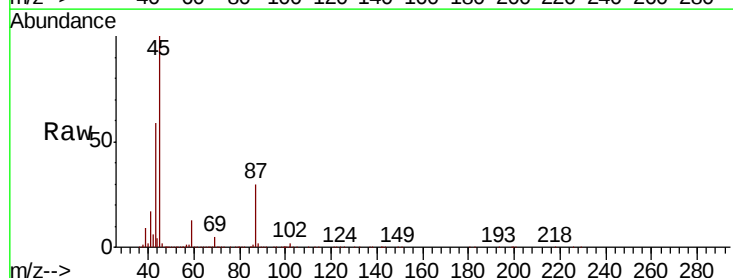
Ion Ratio Lower Upper

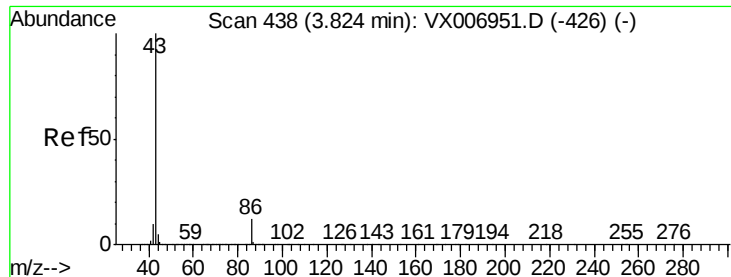
45 100

43 58.5 51.2 76.8

87 29.9 25.8 38.6

59 12.7 9.0 13.4





#23

Vinyl Acetate

Concen: 244.837 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006954.D

Acq: 08 Jan 2019 14:11

Instrument :

MSVOA_X

ClientSampleId :

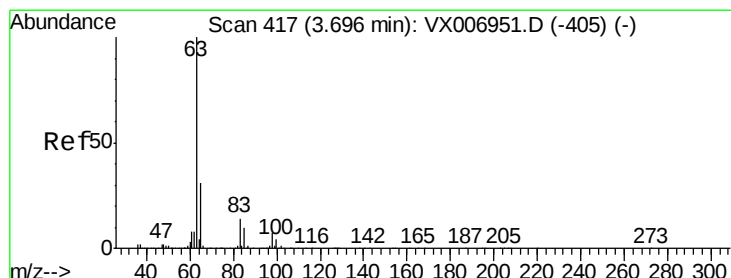
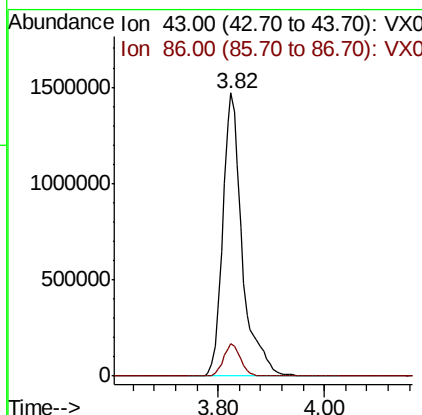
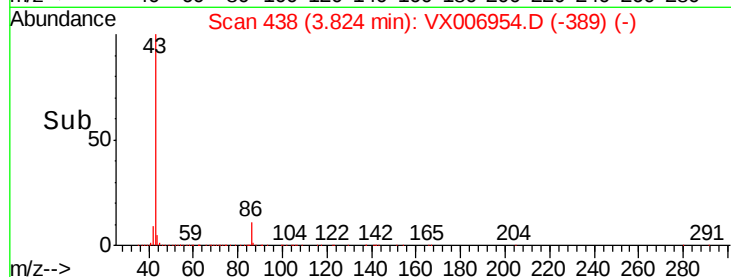
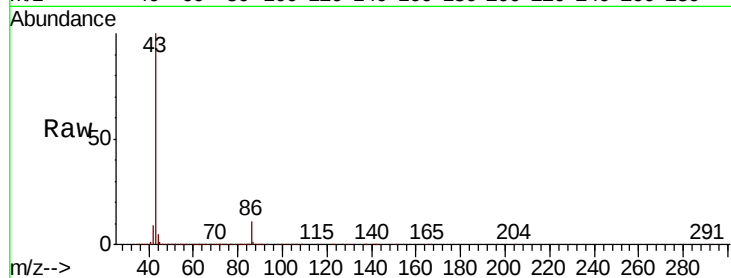
ICVX010819

Tgt Ion: 43 Resp: 3755449

Ion Ratio Lower Upper

43 100

86 11.3 9.2 13.8



#24

1,1-Dichloroethane

Concen: 47.082 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006954.D

Acq: 08 Jan 2019 14:11

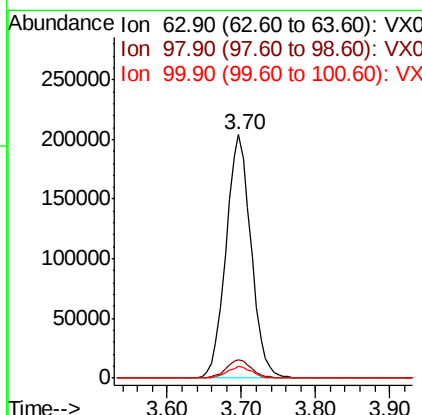
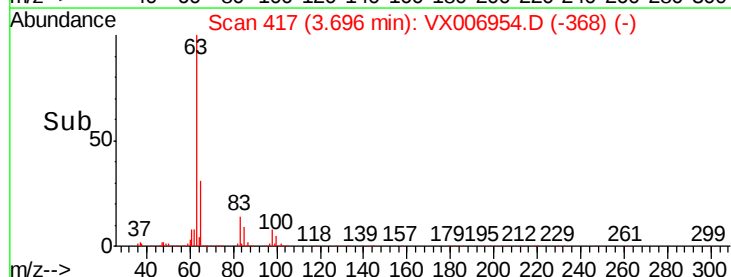
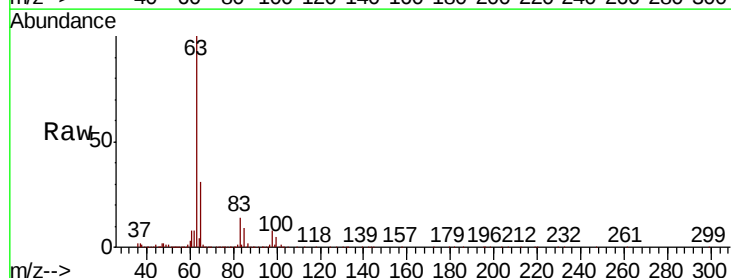
Tgt Ion: 63 Resp: 478836

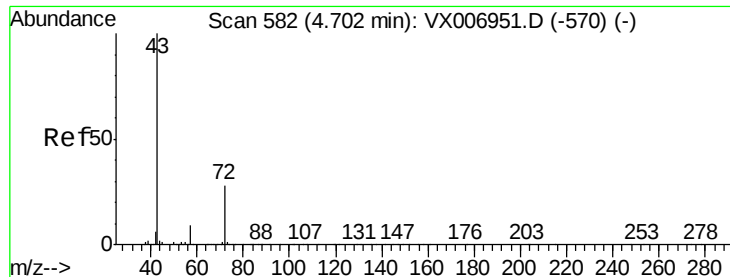
Ion Ratio Lower Upper

63 100

98 7.8 3.9 11.5

100 4.7 2.4 7.2





#25

2-Butanone

Concen: 243.819 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX006954.D

Acq: 08 Jan 2019 14:11

Instrument :

MSVOA_X

ClientSampleId :

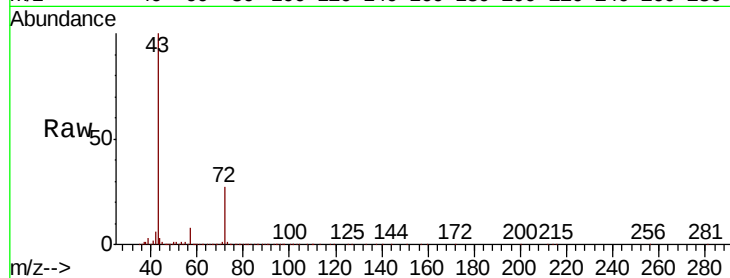
ICVVX010819

Tgt Ion: 43 Resp: 1107104

Ion Ratio Lower Upper

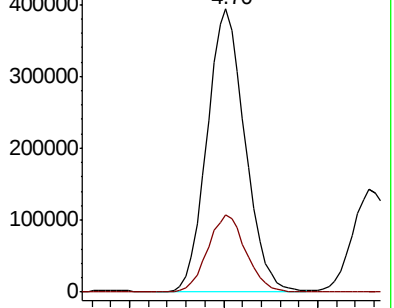
43 100

72 27.0 22.4 33.6

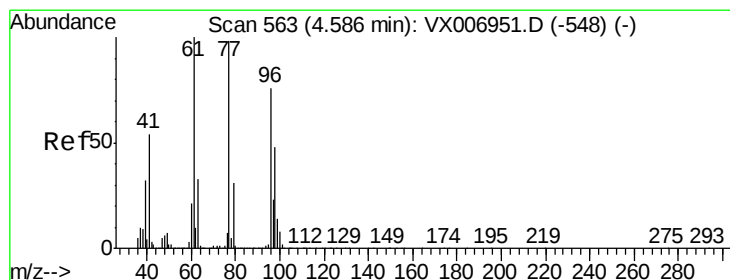
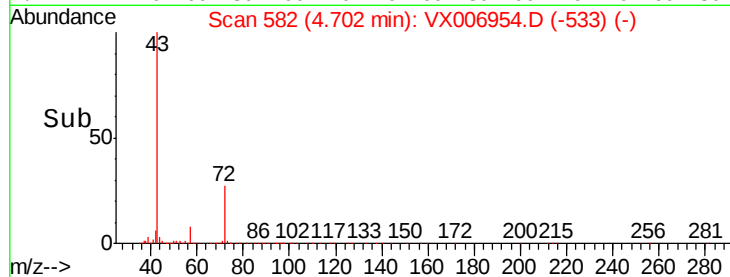


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



Time-->



#26

2,2-Dichloropropane

Concen: 50.207 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX006954.D

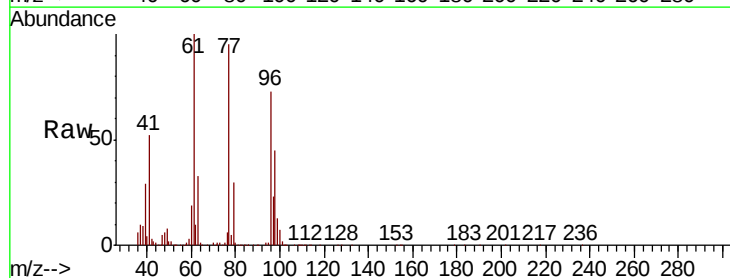
Acq: 08 Jan 2019 14:11

Tgt Ion: 77 Resp: 392649

Ion Ratio Lower Upper

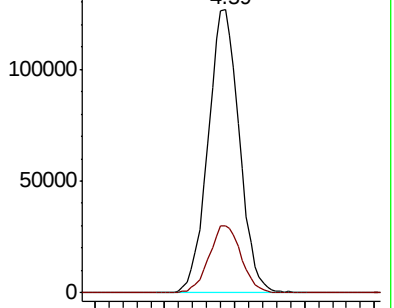
77 100

97 24.4 12.4 37.4

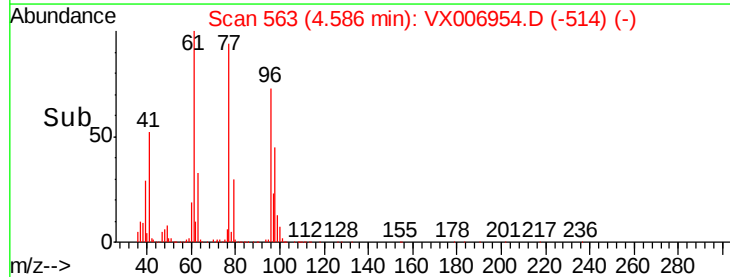


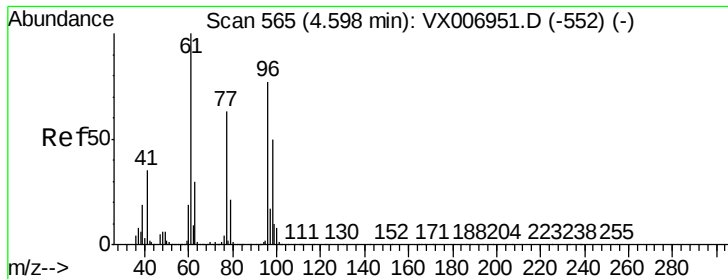
Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



Time-->



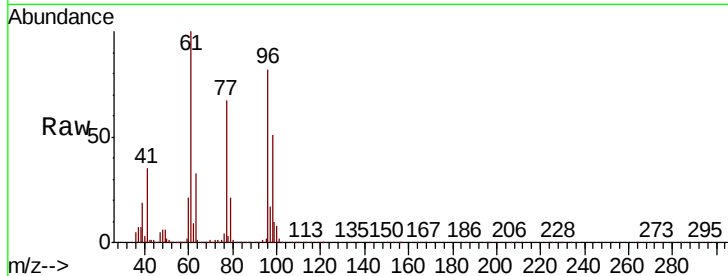


#27

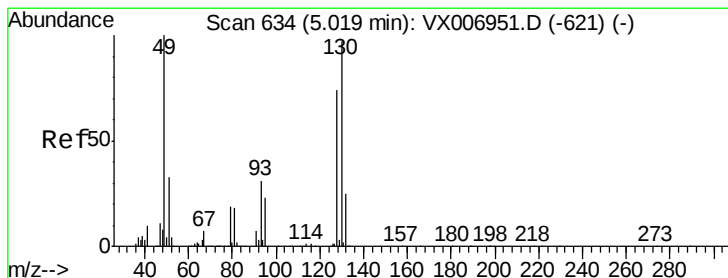
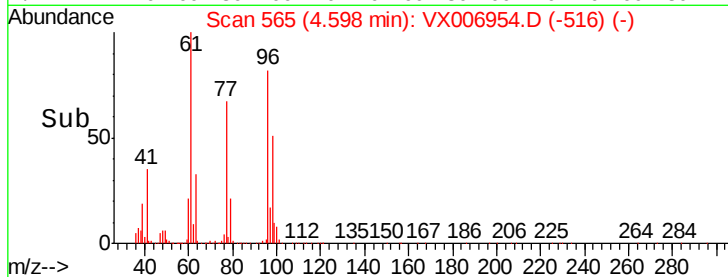
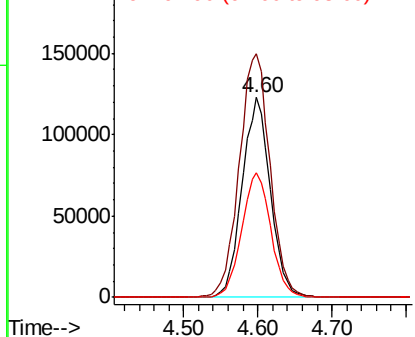
cis-1,2-Dichloroethene
Concen: 47.273 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX006954.D
Acq: 08 Jan 2019 14:11

Instrument :
MSVOA_X
ClientSampleId :
ICVVX010819

Tgt Ion	Ratio	Lower	Upper
96	100		
61	131.8	0.0	258.6
98	64.2	0.0	132.0



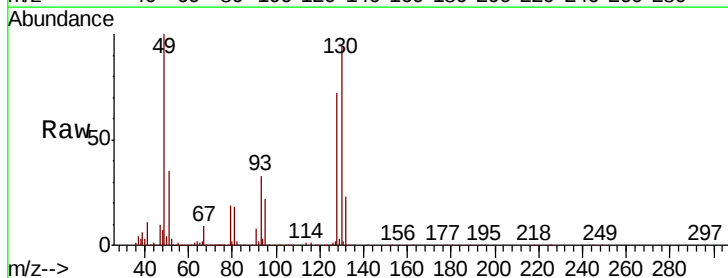
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



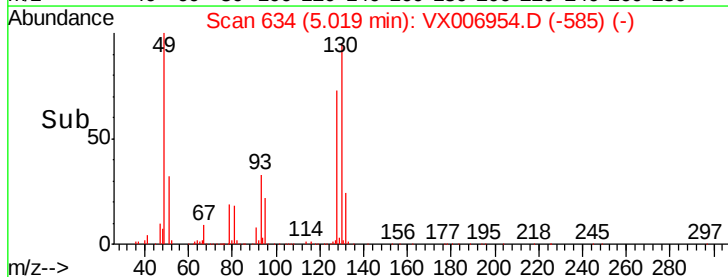
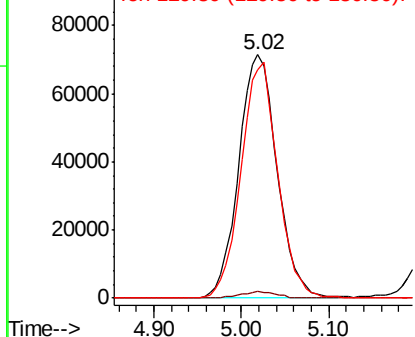
#28

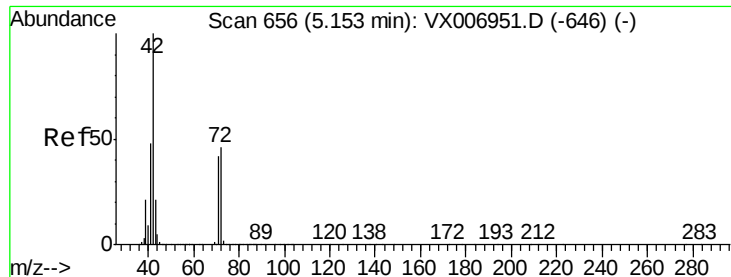
Bromochloromethane
Concen: 48.886 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX006954.D
Acq: 08 Jan 2019 14:11

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	5.4
130	92.5	77.7	116.5



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

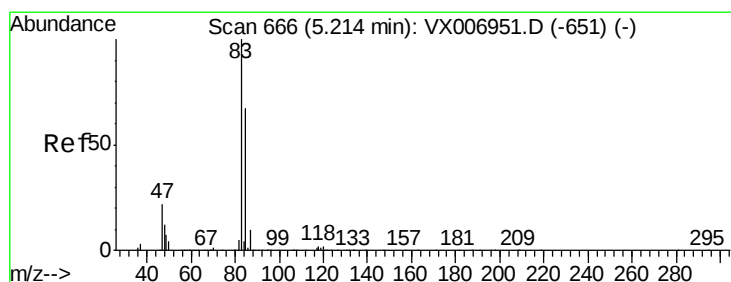
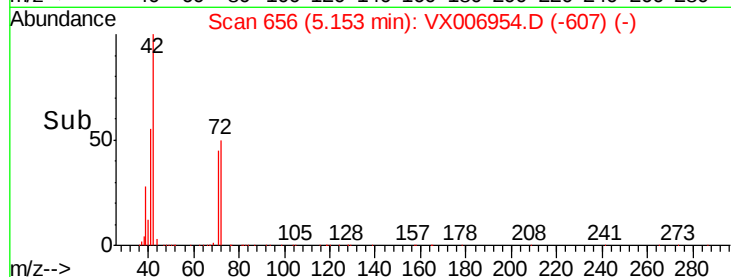
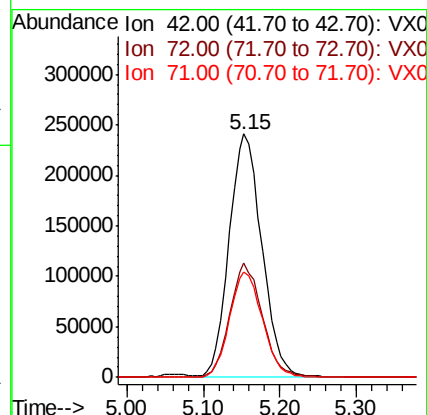
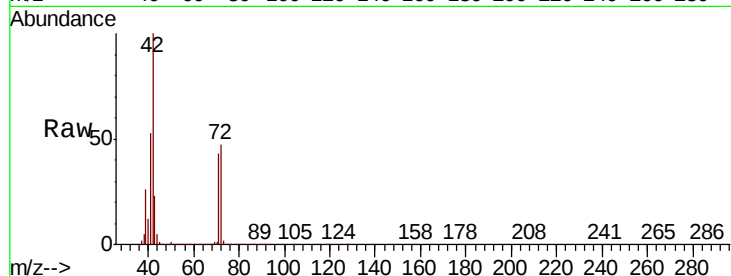




#29
Tetrahydrofuran
Concen: 241.306 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX006954.D
Acq: 08 Jan 2019 14:11

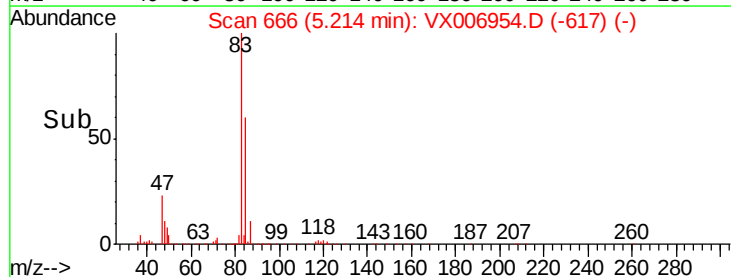
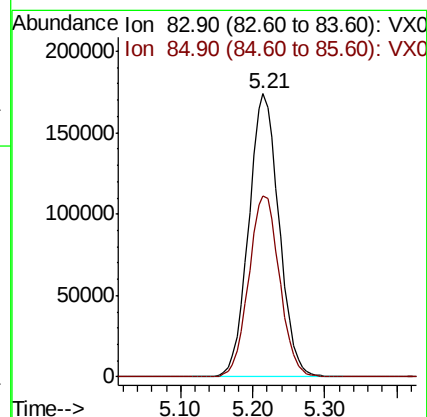
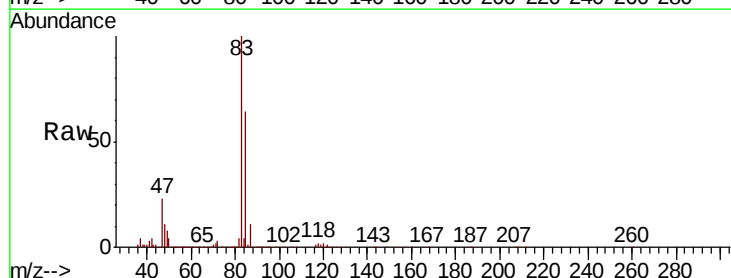
Instrument :
MSVOA_X
ClientSampleId :
ICVVX010819

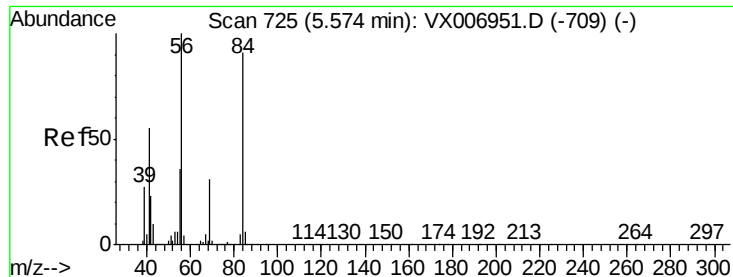
Tgt Ion: 42 Resp: 712065
Ion Ratio Lower Upper
42 100
72 46.5 38.9 58.3
71 43.7 36.2 54.4



#30
Chloroform
Concen: 47.612 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX006954.D
Acq: 08 Jan 2019 14:11

Tgt Ion: 83 Resp: 506985
Ion Ratio Lower Upper
83 100
85 64.1 51.2 76.8

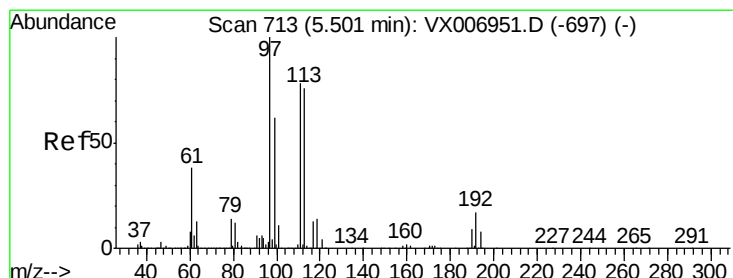
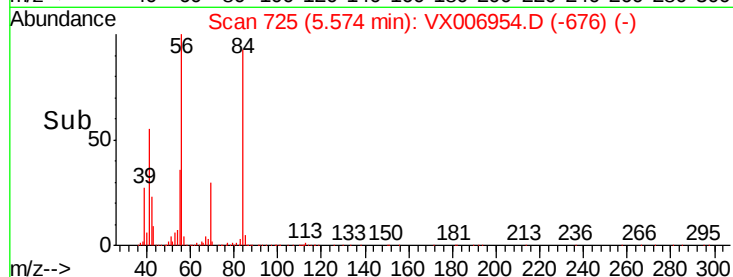
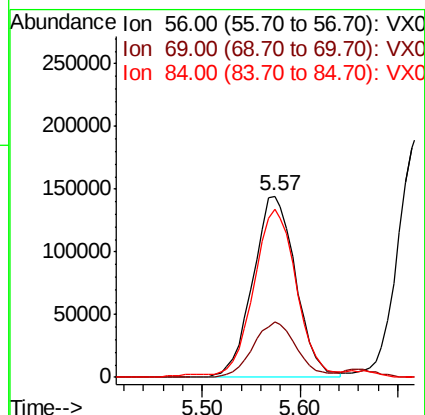
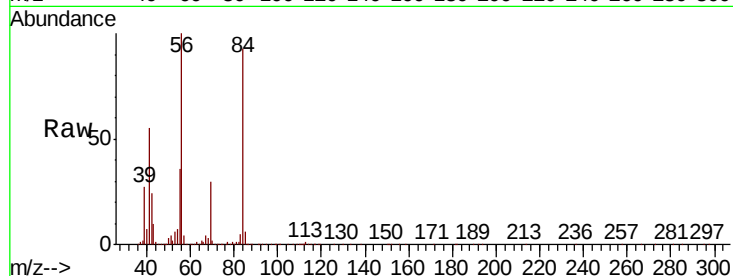




#31
Cyclohexane
Concen: 48.334 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX006954.D
Acq: 08 Jan 2019 14:11

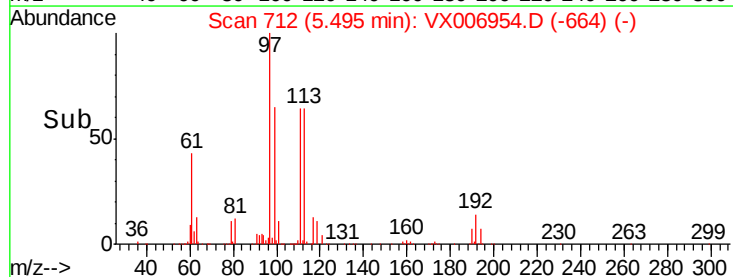
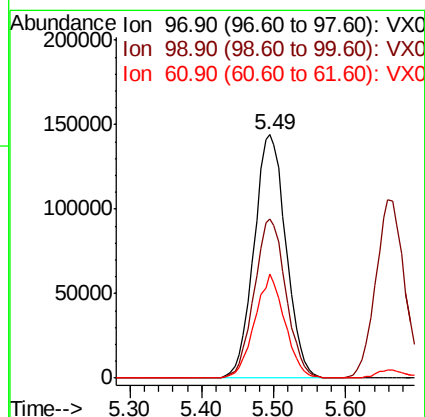
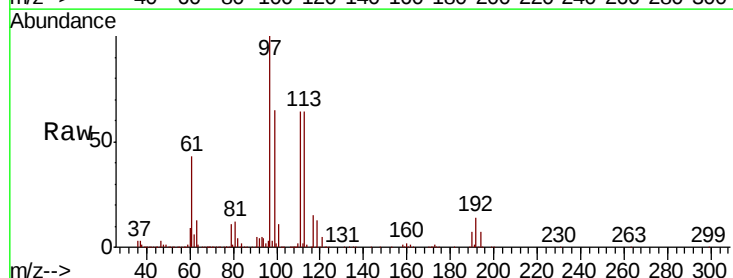
Instrument :
MSVOA_X
ClientSampleId :
ICVVX010819

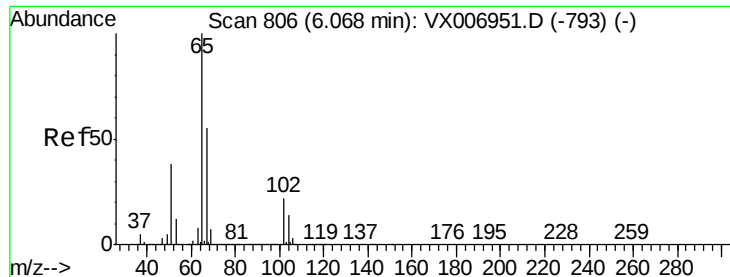
Tgt Ion: 56 Resp: 437512
Ion Ratio Lower Upper
56 100
69 30.3 24.4 36.6
84 91.6 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 49.134 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX006954.D
Acq: 08 Jan 2019 14:11

Tgt Ion: 97 Resp: 443461
Ion Ratio Lower Upper
97 100
99 64.9 51.7 77.5
61 40.3 31.3 46.9





#33

1,2-Dichloroethane-d4

Concen: 47.507 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006954.D

Acq: 08 Jan 2019 14:11

Instrument :

MSVOA_X

ClientSampleId :

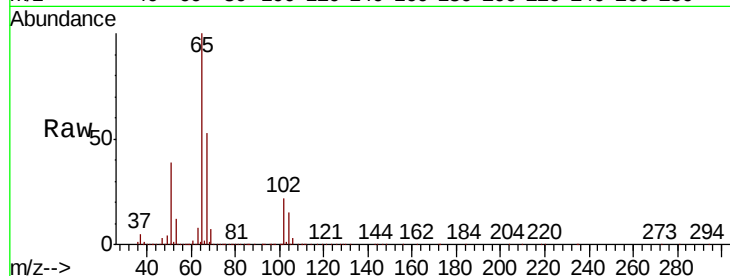
ICVVX010819

Tgt Ion: 65 Resp: 304954

Ion Ratio Lower Upper

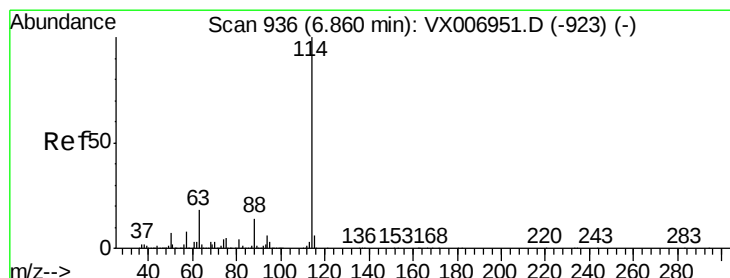
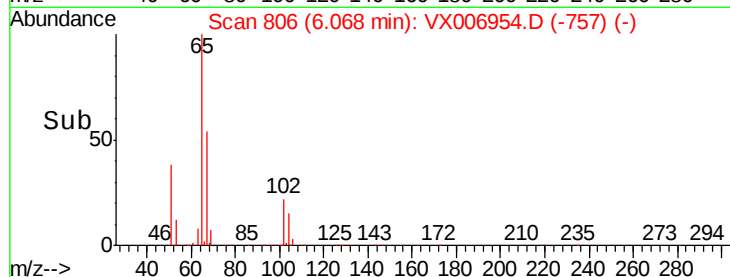
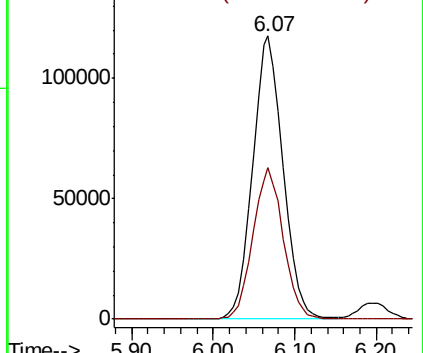
65 100

67 53.4 0.0 105.0



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: VX006954.D

Acq: 08 Jan 2019 14:11

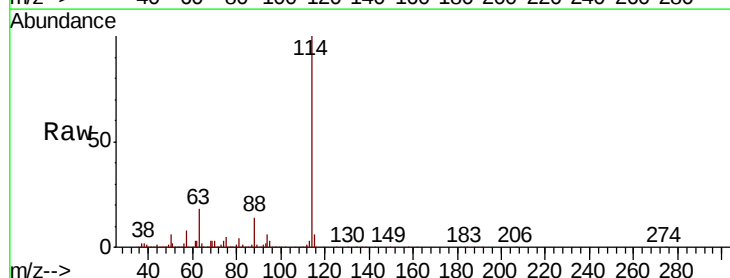
Tgt Ion: 114 Resp: 897667

Ion Ratio Lower Upper

114 100

63 17.7 0.0 34.8

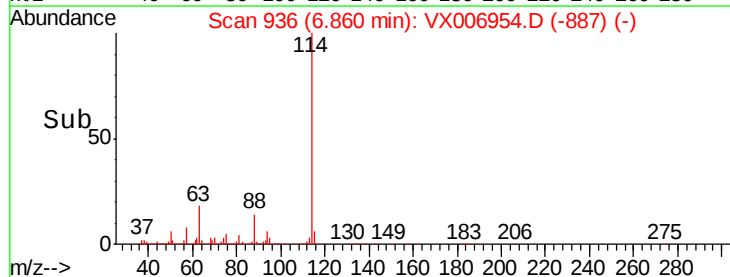
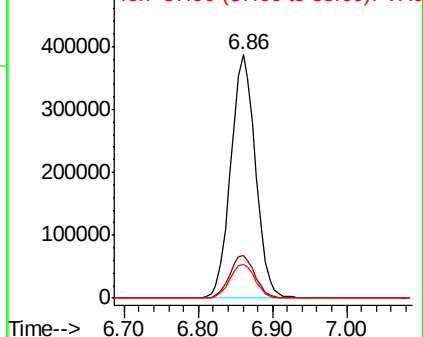
88 13.8 0.0 28.8

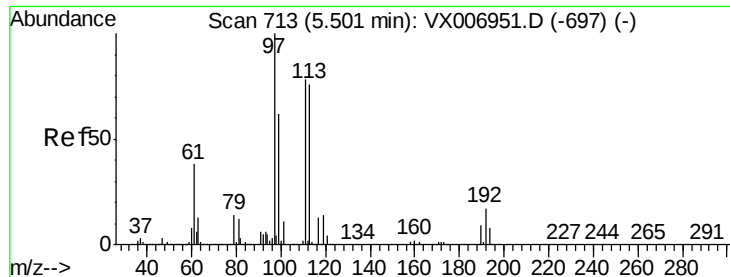


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.039 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006954.D

Acq: 08 Jan 2019 14:11

Instrument :

MSVOA_X

ClientSampleId :

ICVVX010819

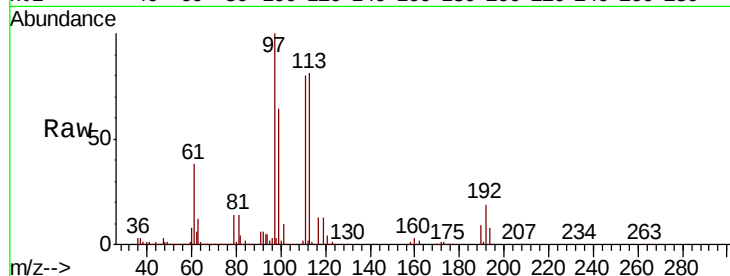
Tgt Ion:113 Resp: 281905

Ion Ratio Lower Upper

113 100

111 101.7 81.6 122.4

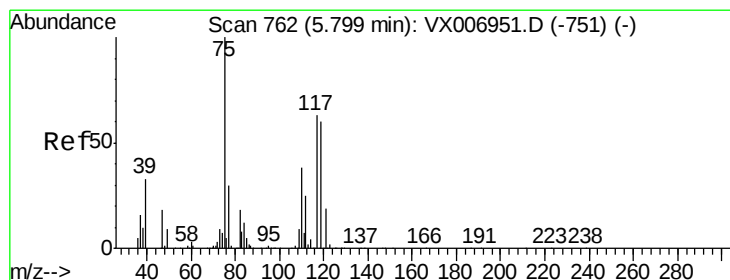
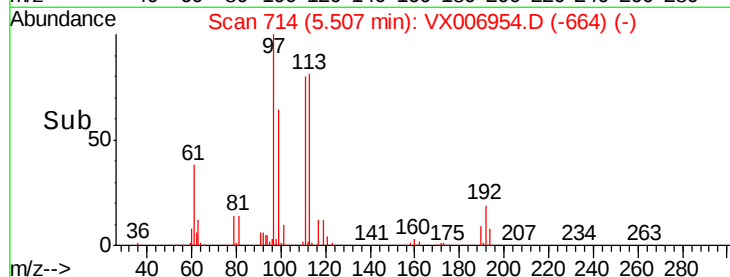
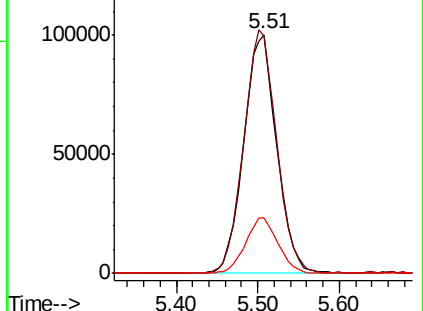
192 23.0 16.7 25.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 48.700 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX006954.D

Acq: 08 Jan 2019 14:11

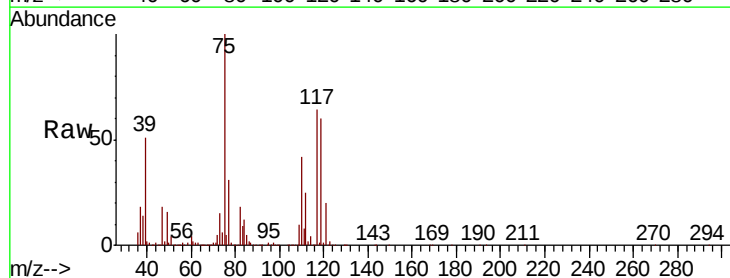
Tgt Ion: 75 Resp: 380074

Ion Ratio Lower Upper

75 100

110 39.3 20.2 60.5

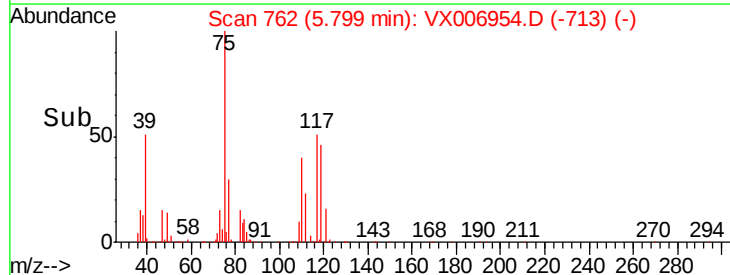
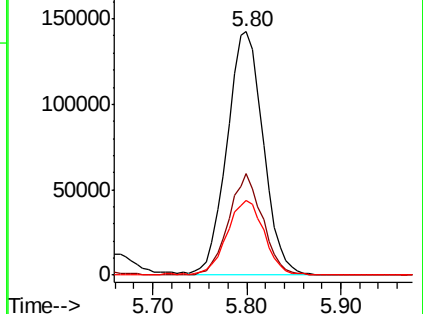
77 31.5 24.8 37.2

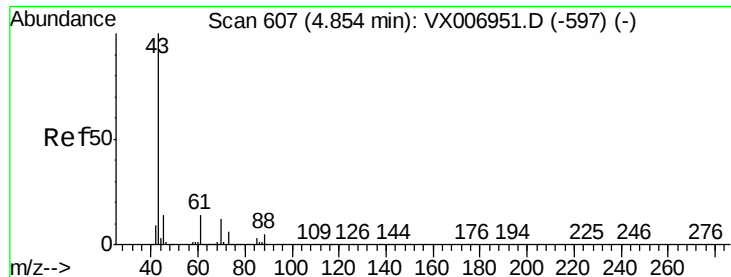


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 49.844 ug/l

RT: 4.85 min Scan# 607

Delta R.T. 0.00 min

Lab File: VX006954.D

Acq: 08 Jan 2019 14:11

Instrument :

MSVOA_X

ClientSampleId :

ICVVX010819

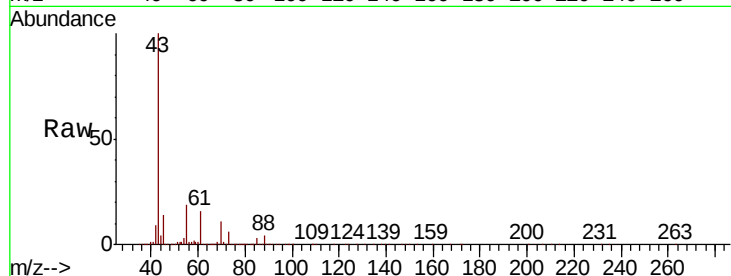
Tgt Ion: 43 Resp: 417053

Ion Ratio Lower Upper

43 100

61 14.6 11.9 17.9

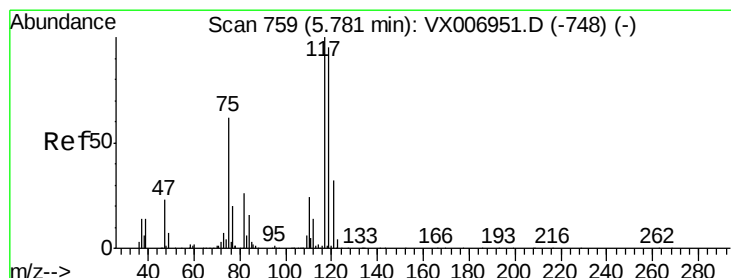
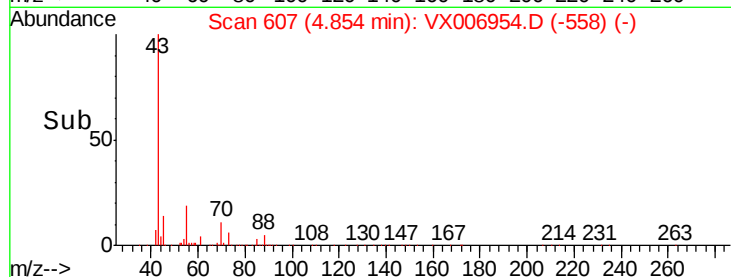
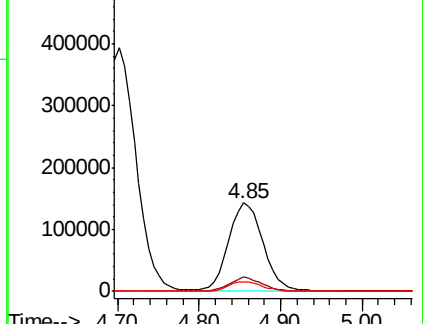
70 10.9 9.7 14.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 49.516 ug/l

RT: 5.78 min Scan# 759

Delta R.T. 0.00 min

Lab File: VX006954.D

Acq: 08 Jan 2019 14:11

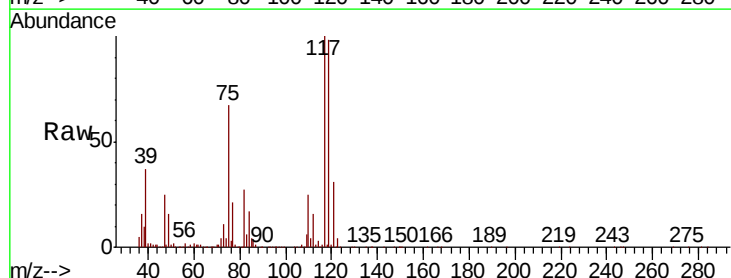
Tgt Ion: 117 Resp: 388808

Ion Ratio Lower Upper

117 100

119 98.3 79.4 119.2

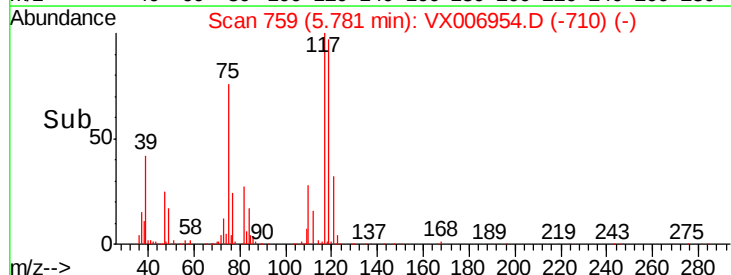
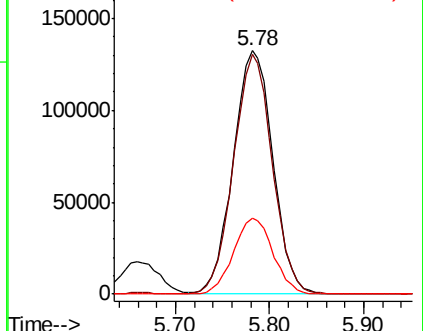
121 31.1 24.0 36.0

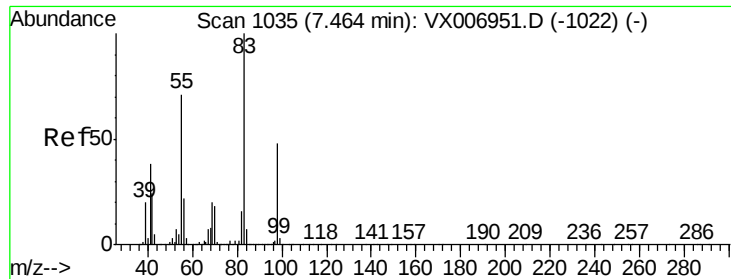


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

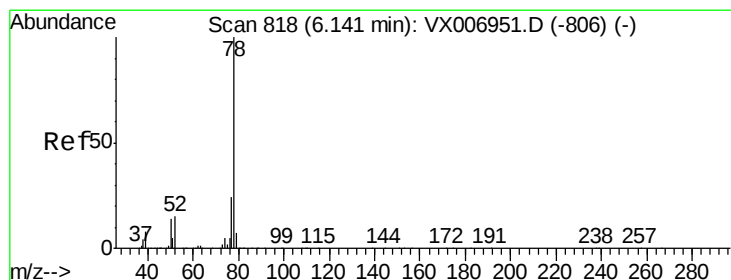
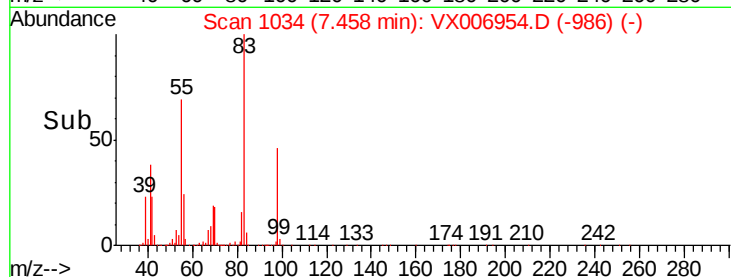
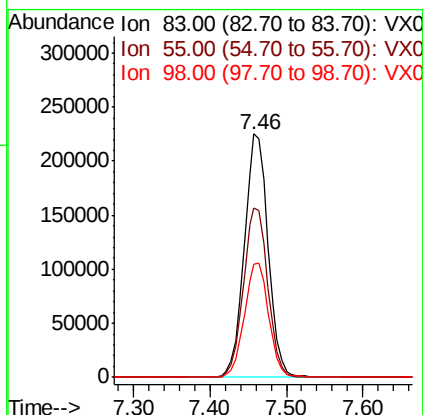
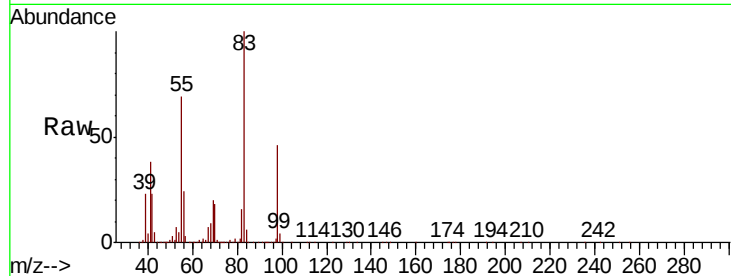




#39
Methylcyclohexane
Concen: 48.649 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX006954.D
Acq: 08 Jan 2019 14:11

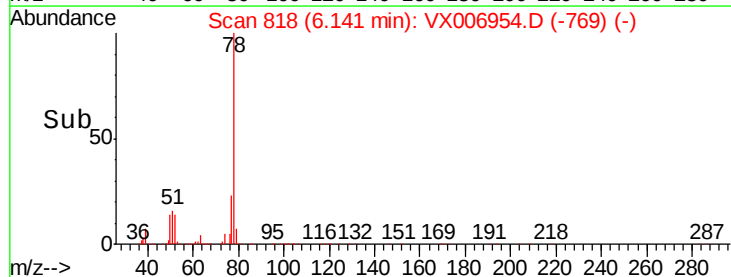
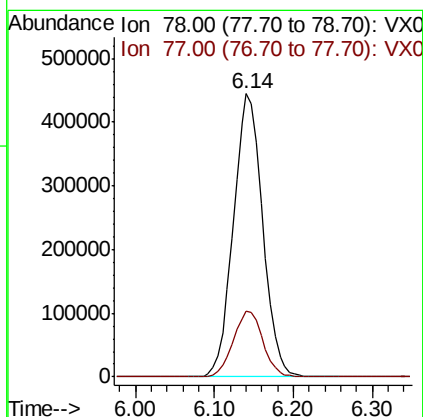
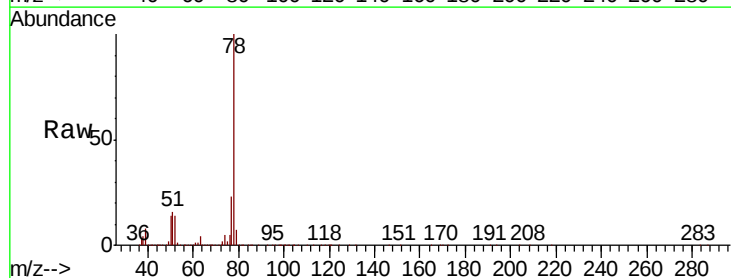
Instrument :
MSVOA_X
ClientSampleId :
ICVVX010819

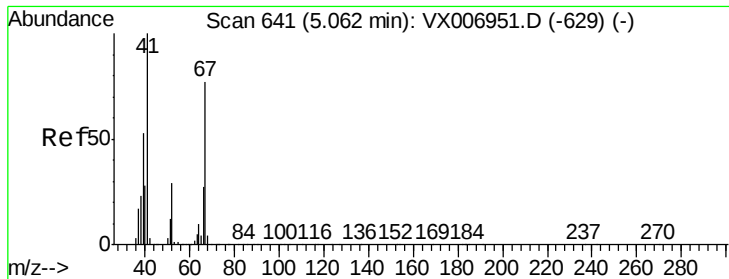
Tgt Ion: 83 Resp: 484033
Ion Ratio Lower Upper
83 100
55 69.3 54.9 82.3
98 46.3 37.9 56.9



#40
Benzene
Concen: 48.162 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX006954.D
Acq: 08 Jan 2019 14:11

Tgt Ion: 78 Resp: 1146926
Ion Ratio Lower Upper
78 100
77 23.4 19.2 28.8





#41

Methacrylonitrile

Concen: 46.265 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.01 min

Lab File: VX006954.D

Acq: 08 Jan 2019 14:11

Instrument :

MSVOA_X

ClientSampleId :

ICVVX010819

Tgt Ion: 41 Resp: 223003

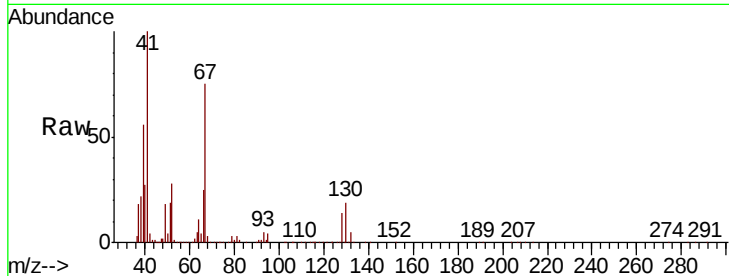
Ion Ratio Lower Upper

41 100

39 55.6 42.8 64.2

67 76.7 62.1 93.1

52 29.5 23.4 35.0

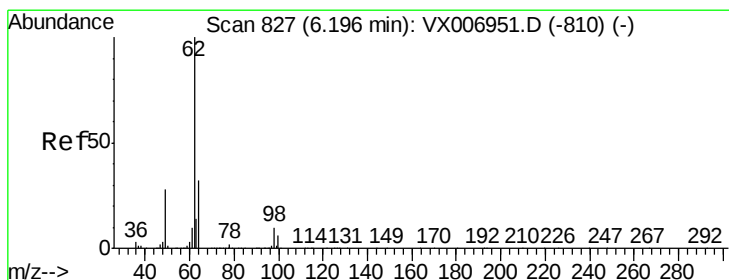
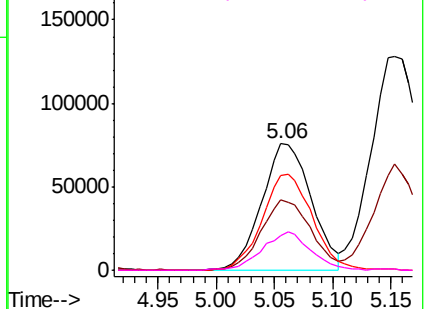
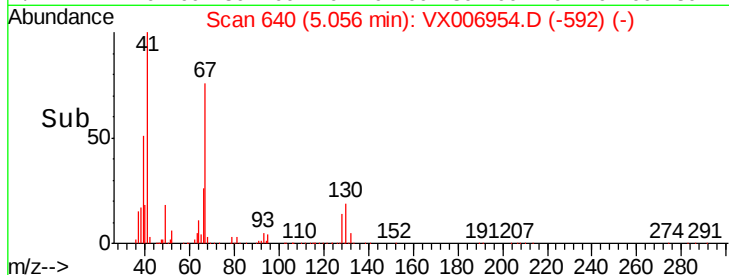


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 47.273 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.00 min

Lab File: VX006954.D

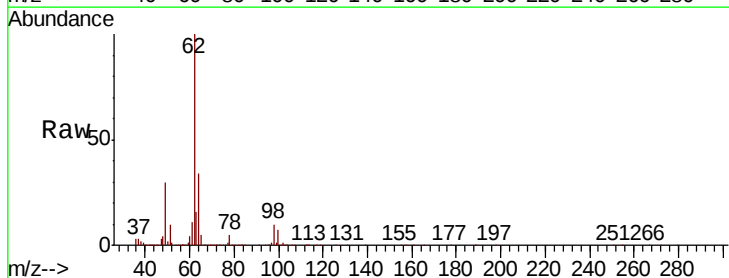
Acq: 08 Jan 2019 14:11

Tgt Ion: 62 Resp: 389019

Ion Ratio Lower Upper

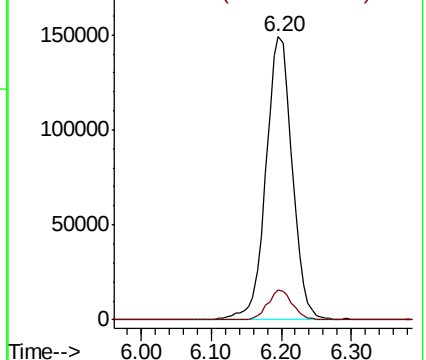
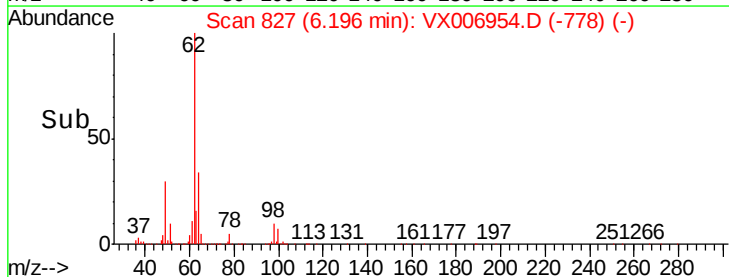
62 100

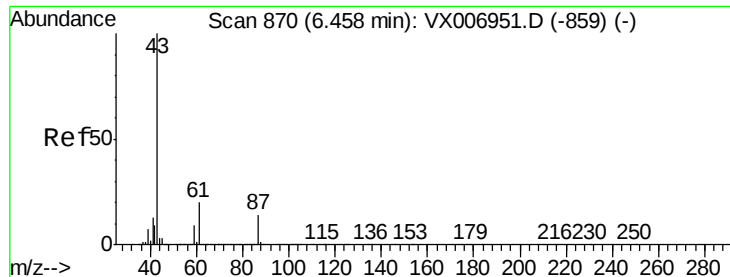
98 10.1 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 50.409 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX006954.D

Acq: 08 Jan 2019 14:11

Instrument :

MSVOA_X

ClientSampleId :

ICVVX010819

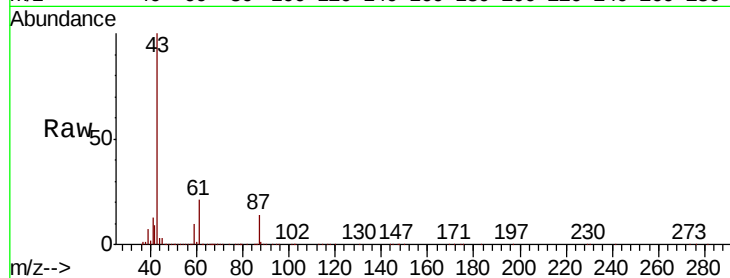
Tgt Ion: 43 Resp: 665291

Ion Ratio Lower Upper

43 100

61 20.4 16.8 25.2

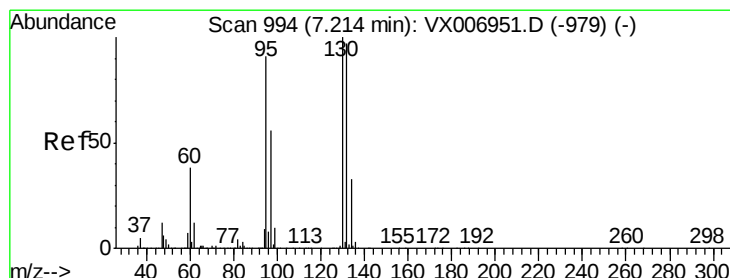
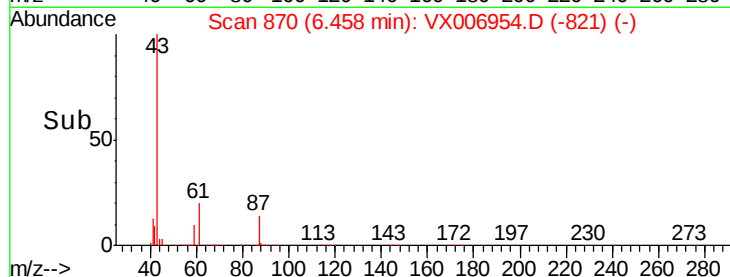
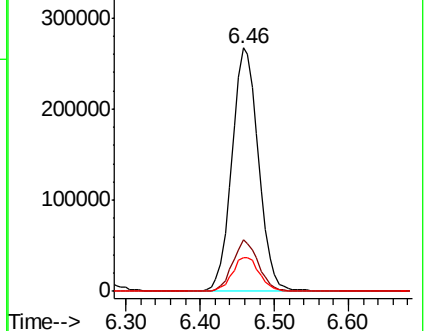
87 14.3 12.4 18.6



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: 47.541 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX006954.D

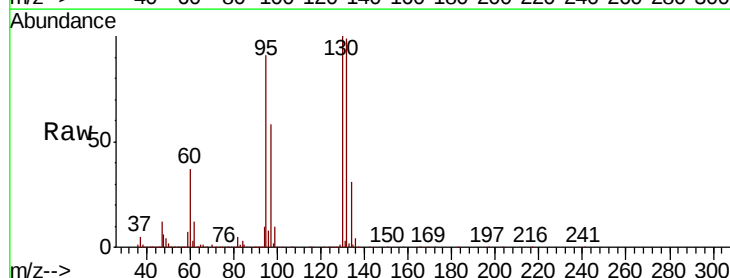
Acq: 08 Jan 2019 14:11

Tgt Ion: 130 Resp: 339258

Ion Ratio Lower Upper

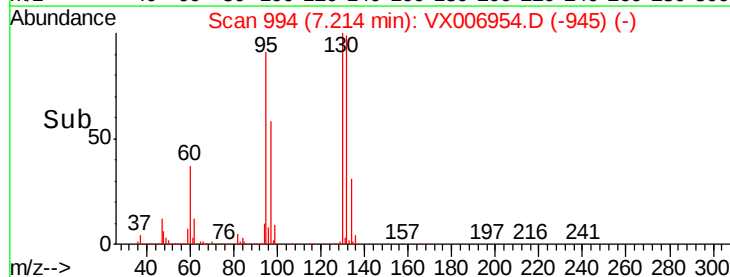
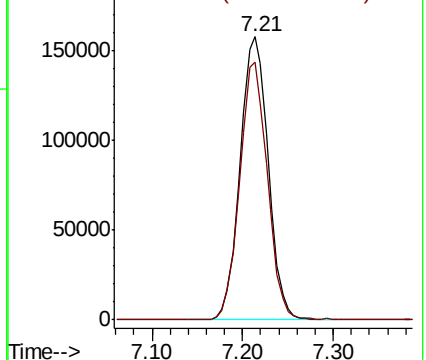
130 100

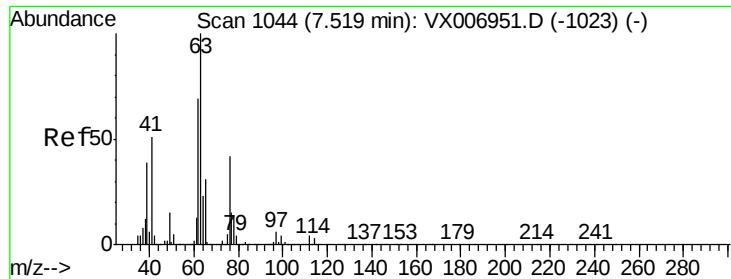
95 91.0 0.0 187.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 48.536 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX006954.D

Acq: 08 Jan 2019 14:11

Instrument :

MSVOA_X

ClientSampleId :

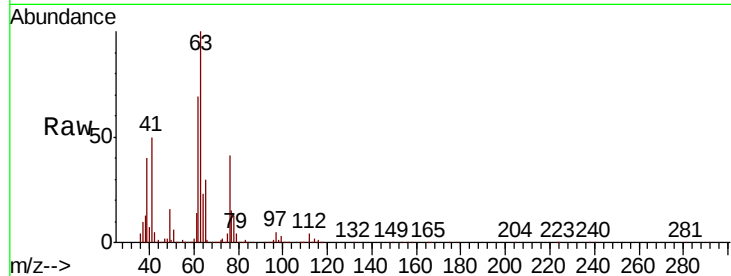
ICVVX010819

Tgt Ion: 63 Resp: 290578

Ion Ratio Lower Upper

63 100

65 29.5 25.4 38.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.51

150000

100000

50000

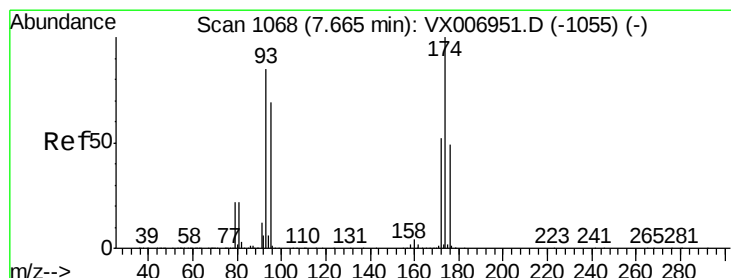
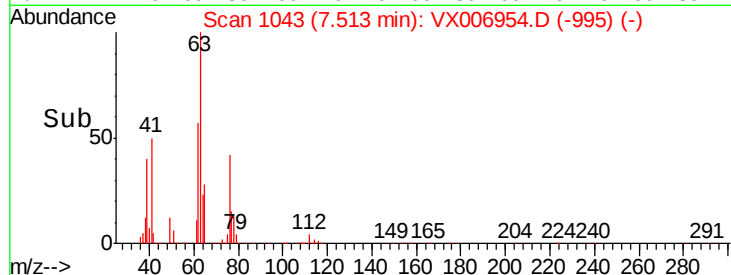
0

Time-->

7.40

7.50

7.60



#46

Dibromomethane

Concen: 49.461 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.01 min

Lab File: VX006954.D

Acq: 08 Jan 2019 14:11

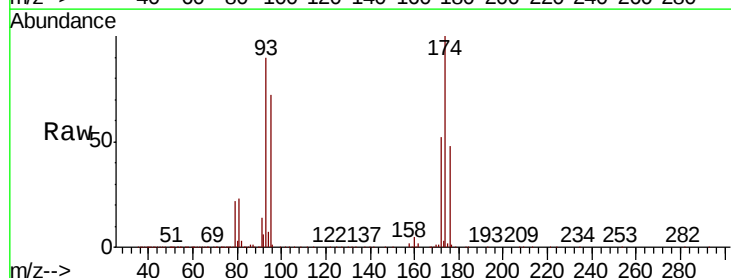
Tgt Ion: 93 Resp: 208113

Ion Ratio Lower Upper

93 100

95 82.2 66.2 99.4

174 117.1 91.0 136.4



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

150000

100000

50000

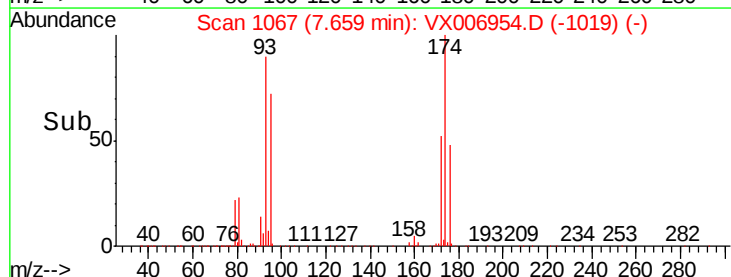
0

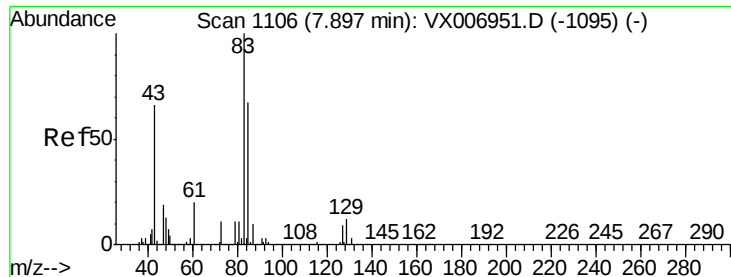
Time-->

7.60

7.70

7.80





#47

Bromodichloromethane

Concen: 50.836 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX006954.D

Acq: 08 Jan 2019 14:11

Instrument :

MSVOA_X

ClientSampleId :

ICVVX010819

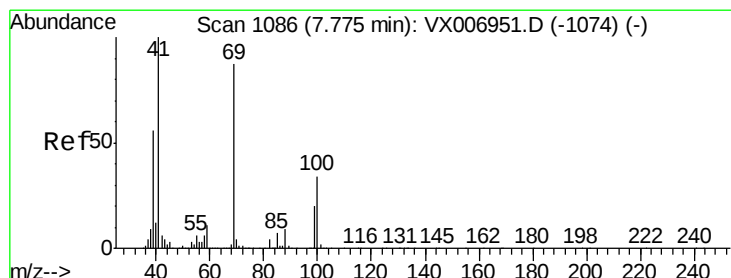
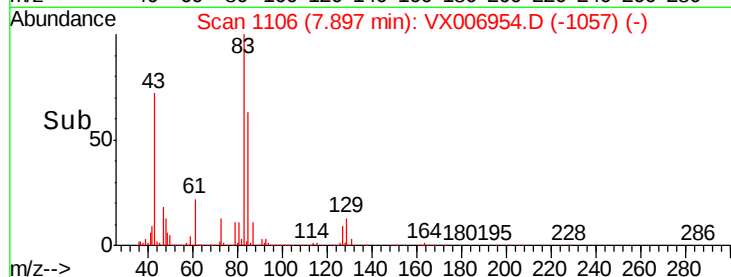
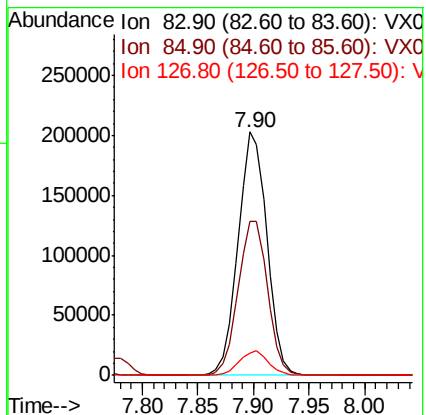
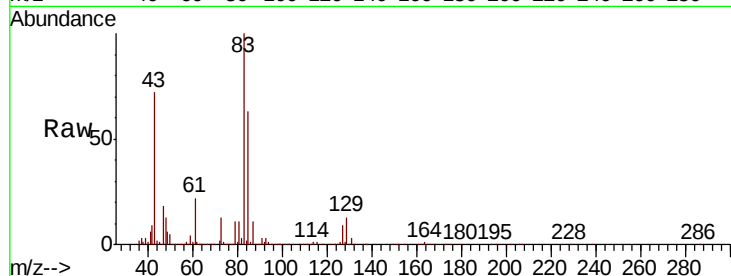
Tgt Ion: 83 Resp: 364088

Ion Ratio Lower Upper

83 100

85 63.3 53.2 79.8

127 9.1 7.8 11.6



#48

Methyl methacrylate

Concen: 49.409 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX006954.D

Acq: 08 Jan 2019 14:11

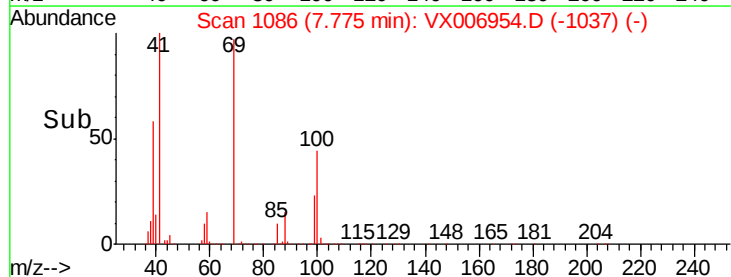
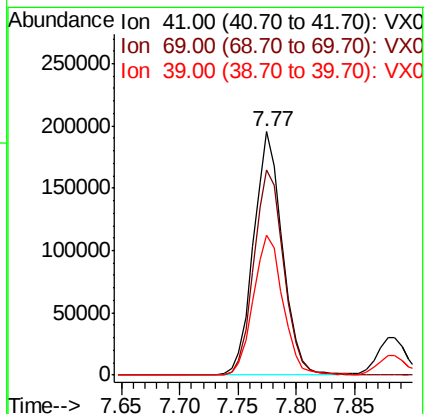
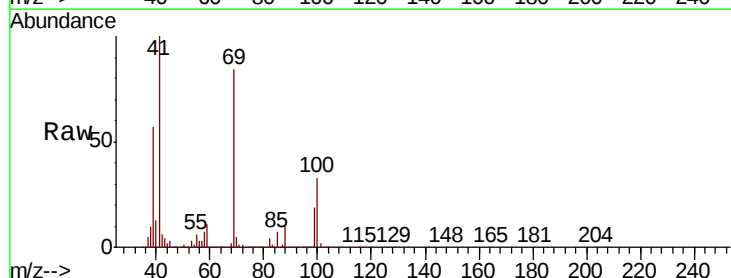
Tgt Ion: 41 Resp: 334875

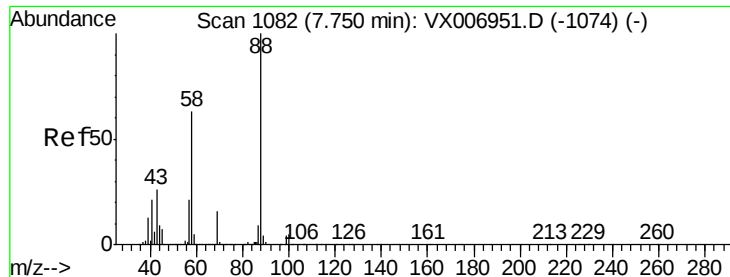
Ion Ratio Lower Upper

41 100

69 88.0 72.4 108.6

39 58.2 45.8 68.8





#49

1,4-Dioxane

Concen: 959.629 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX006954.D

Acq: 08 Jan 2019 14:11

Instrument :

MSVOA_X

ClientSampleId :

ICVVX010819

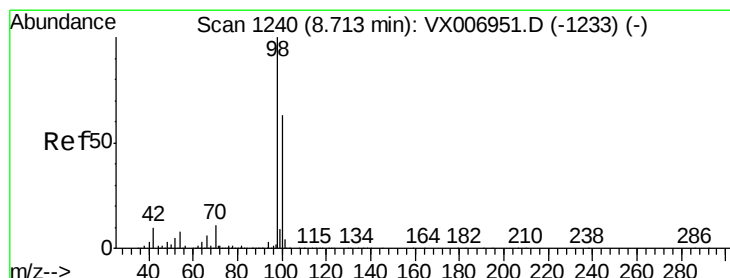
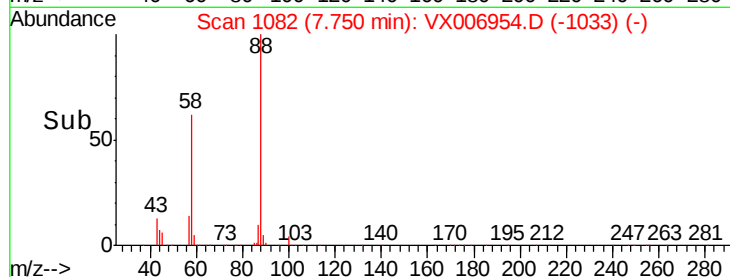
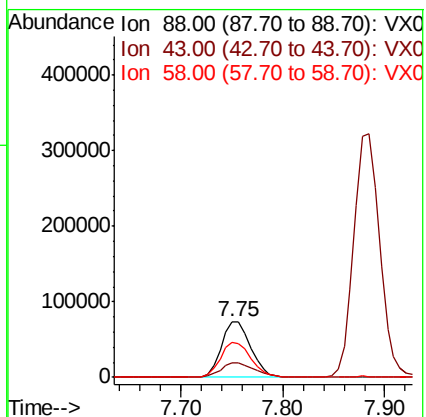
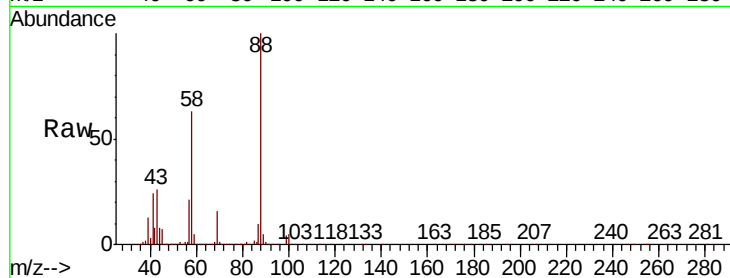
Tgt Ion: 88 Resp: 148586

Ion Ratio Lower Upper

88 100

43 29.5 22.2 33.4

58 65.0 51.0 76.4



#50

Toluene-d8

Concen: 49.336 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006954.D

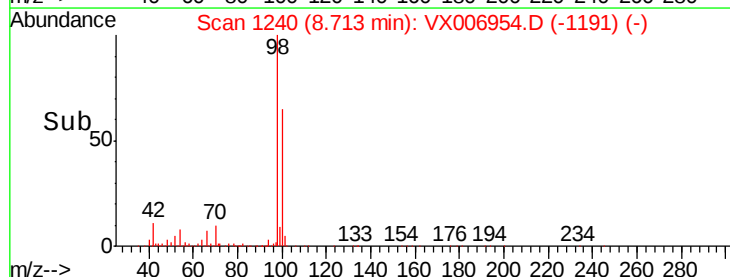
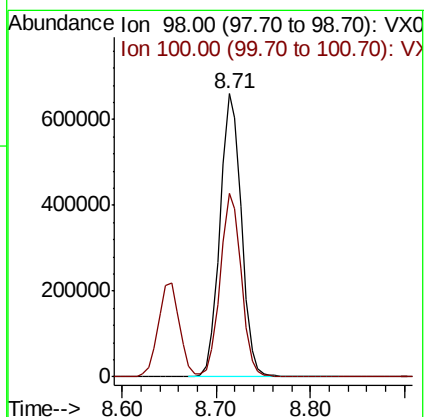
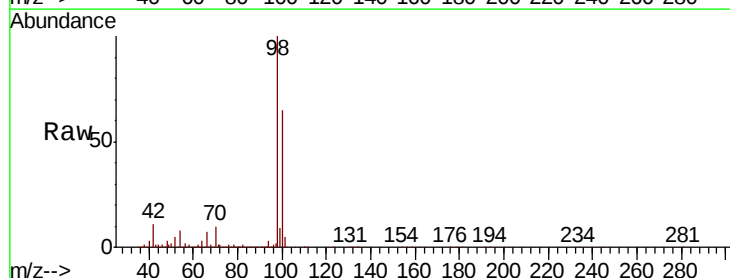
Acq: 08 Jan 2019 14:11

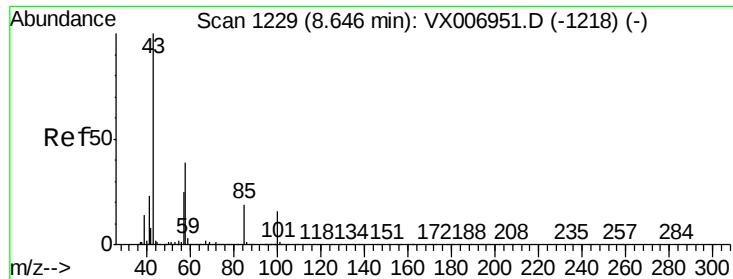
Tgt Ion: 98 Resp: 1038118

Ion Ratio Lower Upper

98 100

100 64.1 52.0 78.0

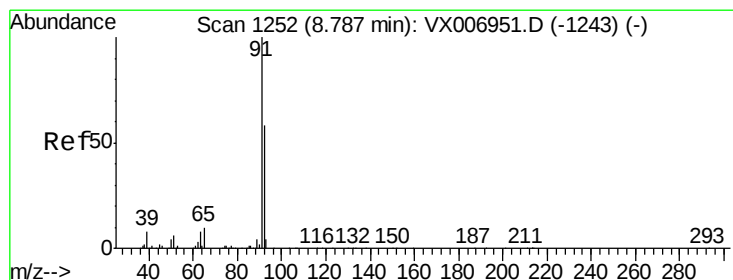
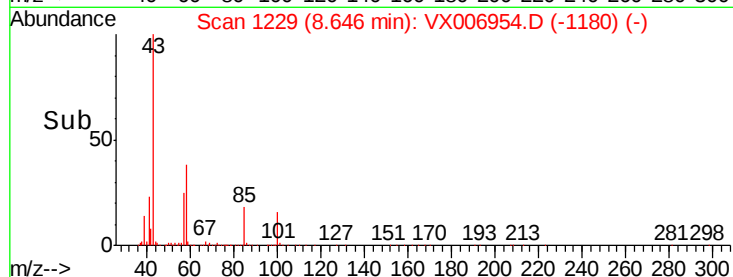
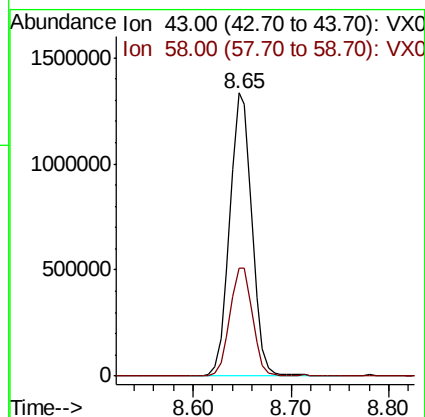
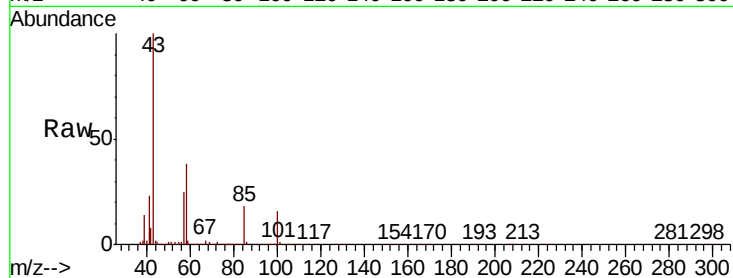




#51
 4-Methyl-2-Pentanone
 Concen: 247.397 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: VX006954.D
 Acq: 08 Jan 2019 14:11

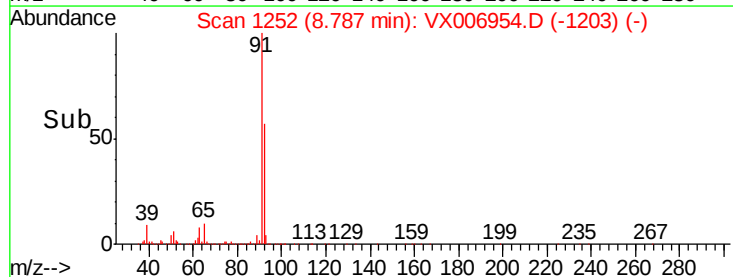
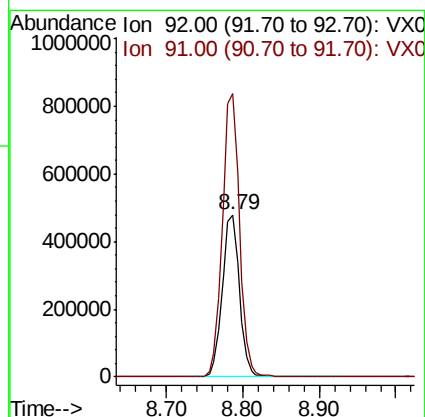
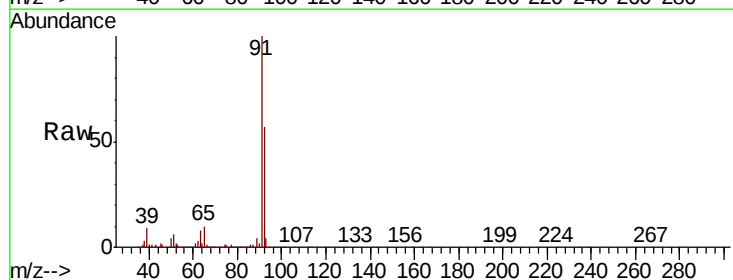
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX010819

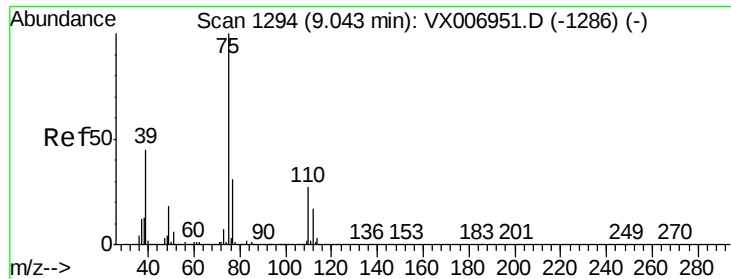
Tgt Ion: 43 Resp: 2098371
 Ion Ratio Lower Upper
 43 100
 58 39.1 31.8 47.6



#52
 Toluene
 Concen: 48.530 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: VX006954.D
 Acq: 08 Jan 2019 14:11

Tgt Ion: 92 Resp: 742799
 Ion Ratio Lower Upper
 92 100
 91 174.7 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 53.508 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX006954.D

Acq: 08 Jan 2019 14:11

Instrument :

MSVOA_X

ClientSampleId :

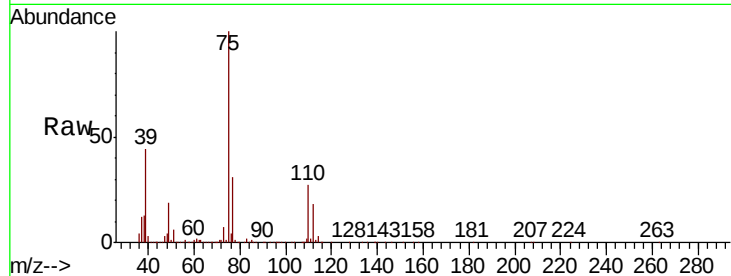
ICVVX010819

Tgt Ion: 75 Resp: 424939

Ion Ratio Lower Upper

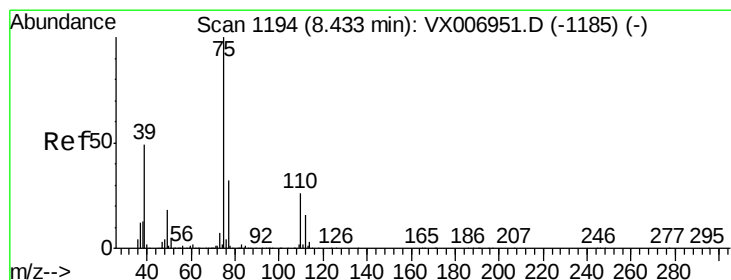
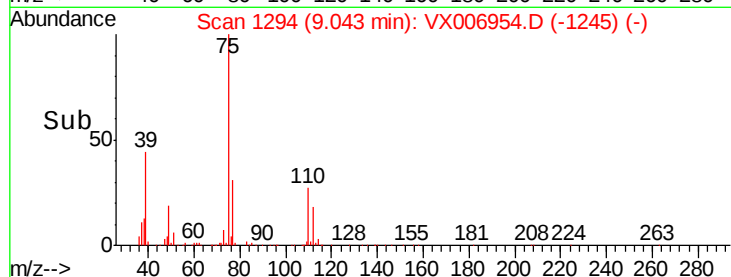
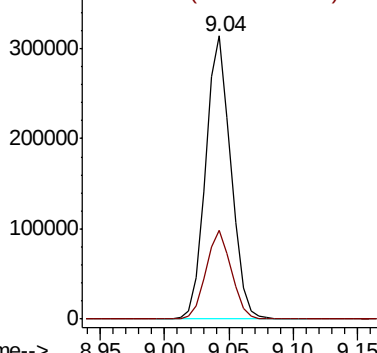
75 100

77 31.2 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 52.630 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX006954.D

Acq: 08 Jan 2019 14:11

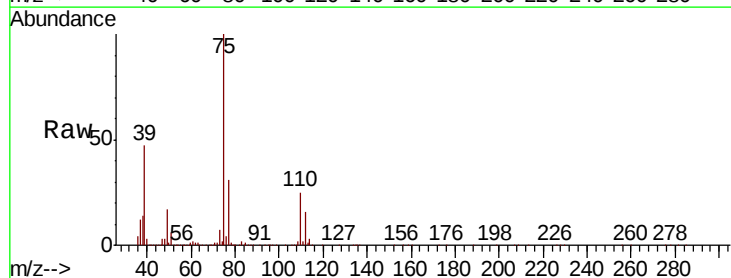
Tgt Ion: 75 Resp: 461584

Ion Ratio Lower Upper

75 100

77 31.2 26.2 39.2

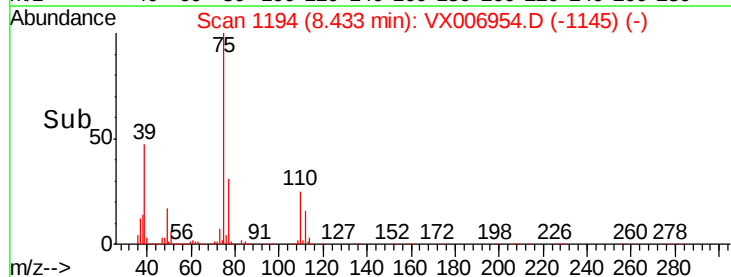
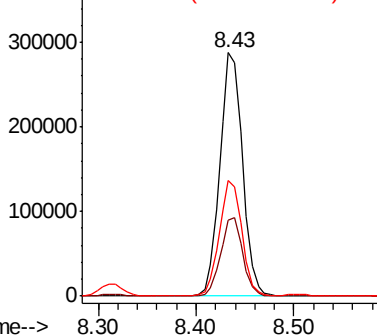
39 47.3 36.7 55.1

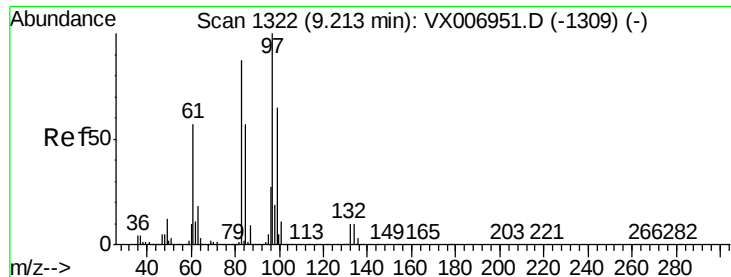


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 49.992 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX006954.D

Acq: 08 Jan 2019 14:11

Instrument :

MSVOA_X

ClientSampleId :

ICVVX010819

Tgt Ion: 97 Resp: 306270

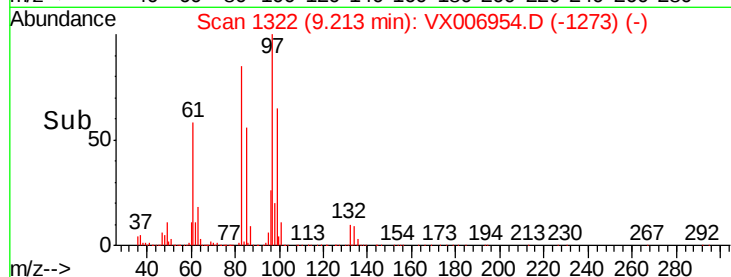
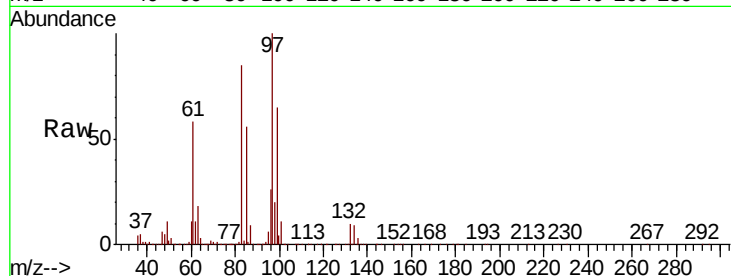
Ion Ratio Lower Upper

97 100

83 85.3 66.6 99.8

85 55.8 42.7 64.1

99 64.7 50.8 76.2

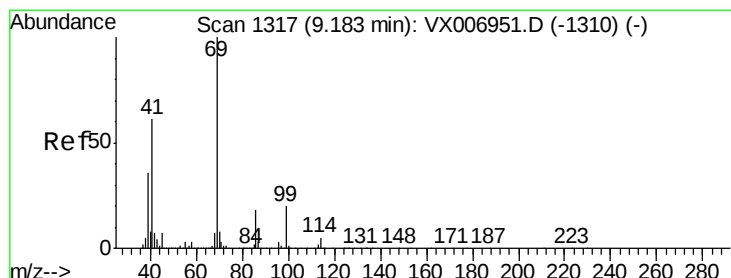
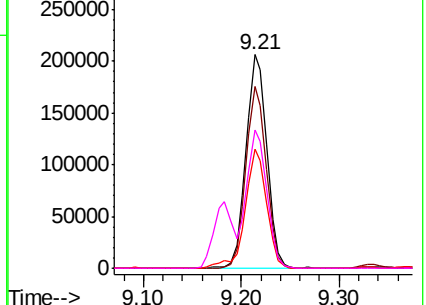


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 50.076 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VX006954.D

Acq: 08 Jan 2019 14:11

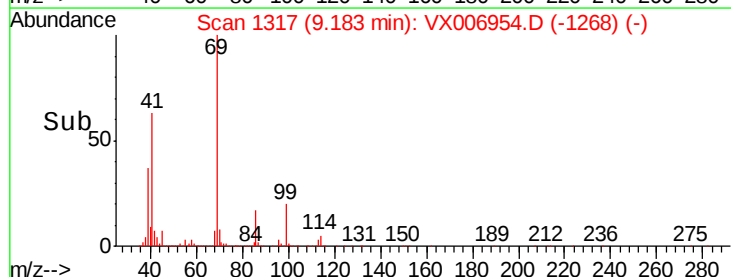
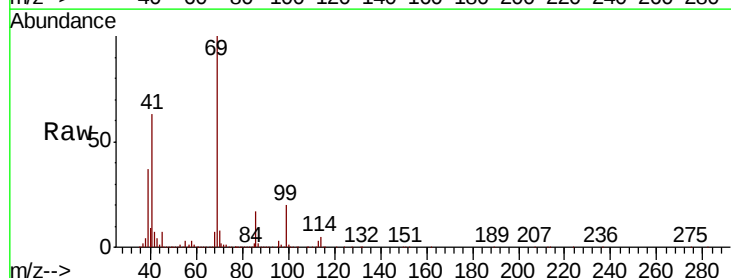
Tgt Ion: 69 Resp: 447863

Ion Ratio Lower Upper

69 100

41 64.6 48.7 73.1

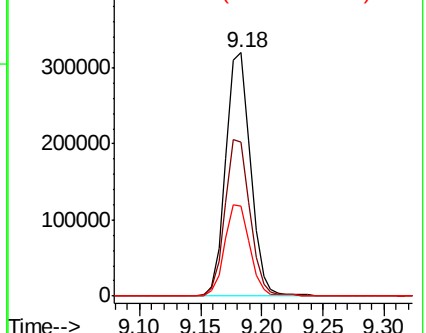
39 37.8 27.0 40.6

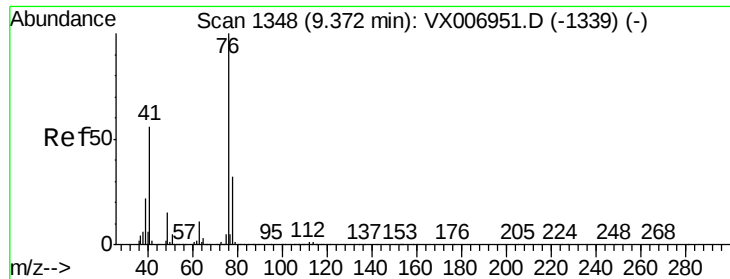


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 48.822 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX006954.D

Acq: 08 Jan 2019 14:11

Instrument :

MSVOA_X

ClientSampleId :

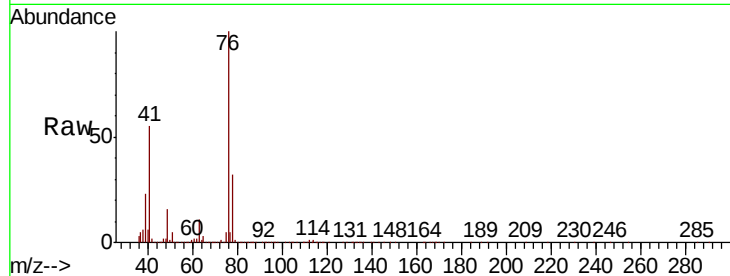
ICVVX010819

Tgt Ion: 76 Resp: 490015

Ion Ratio Lower Upper

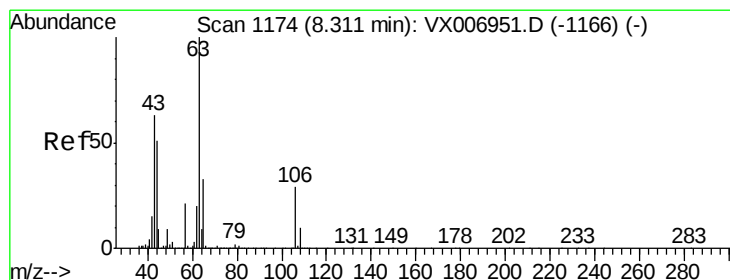
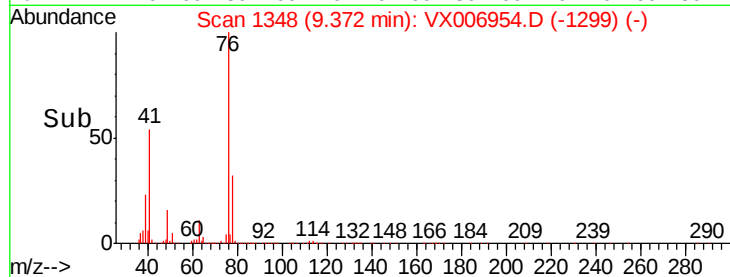
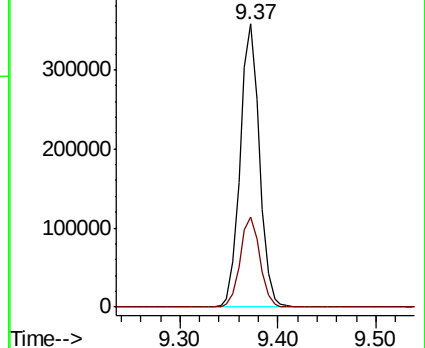
76 100

78 32.7 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 255.080 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX006954.D

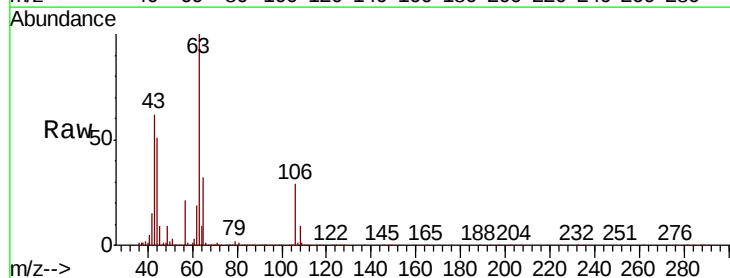
Acq: 08 Jan 2019 14:11

Tgt Ion: 63 Resp: 1172986

Ion Ratio Lower Upper

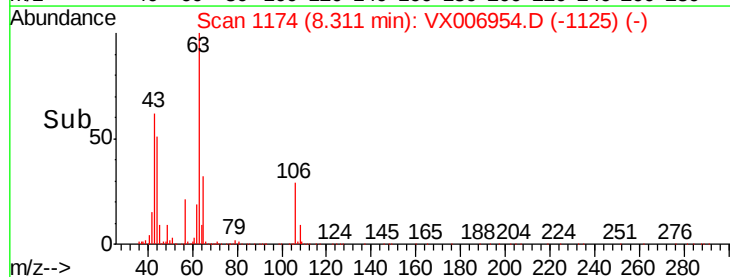
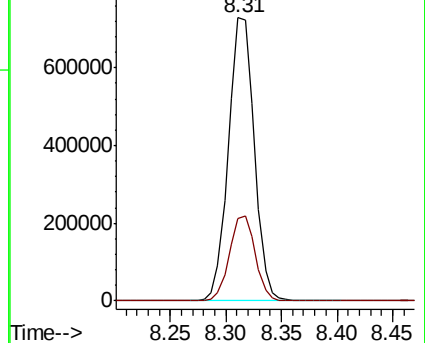
63 100

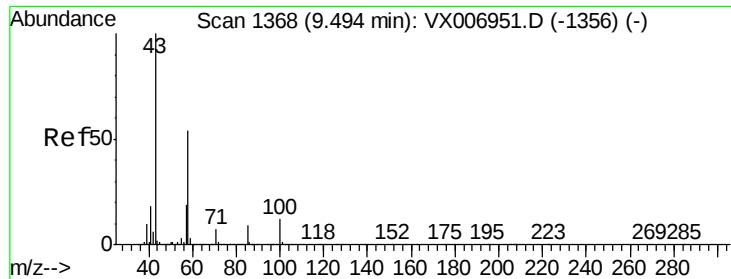
106 30.0 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





#59

2-Hexanone

Concen: 249.513 ug/l

RT: 9.49 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VX006954.D

Acq: 08 Jan 2019 14:11

Instrument :

MSVOA_X

ClientSampleId :

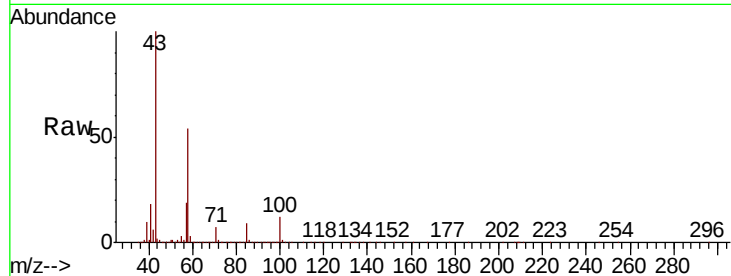
ICVVX010819

Tgt Ion: 43 Resp: 1612755

Ion Ratio Lower Upper

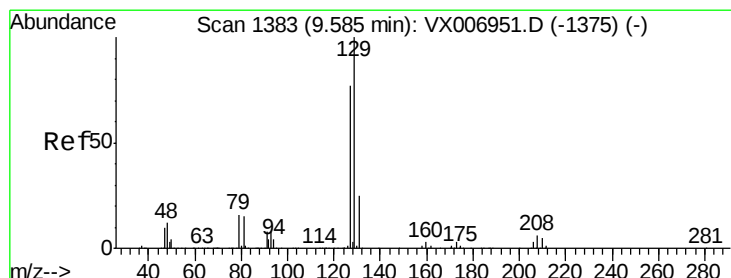
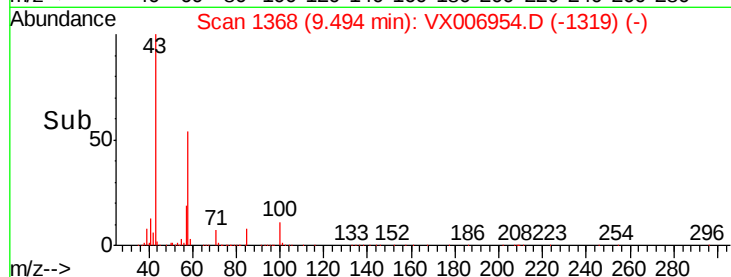
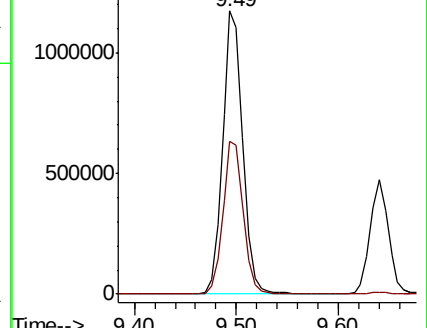
43 100

58 54.8 27.7 83.1



Abundance Ion 43.00 (42.70 to 43.70): VX006951.D (-1356) (-)

Ion 58.00 (57.70 to 58.70): VX006951.D (-1356) (-)



#60

Dibromochloromethane

Concen: 54.285 ug/l

RT: 9.59 min Scan# 1383

Delta R.T. 0.00 min

Lab File: VX006954.D

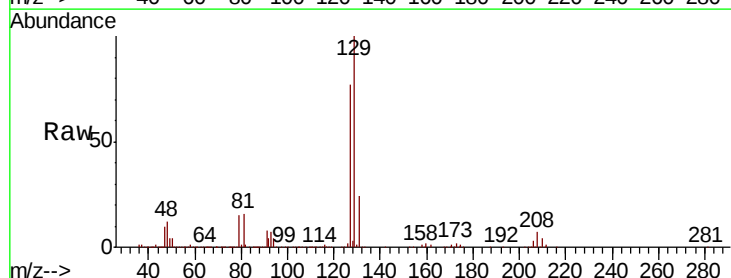
Acq: 08 Jan 2019 14:11

Tgt Ion: 129 Resp: 322940

Ion Ratio Lower Upper

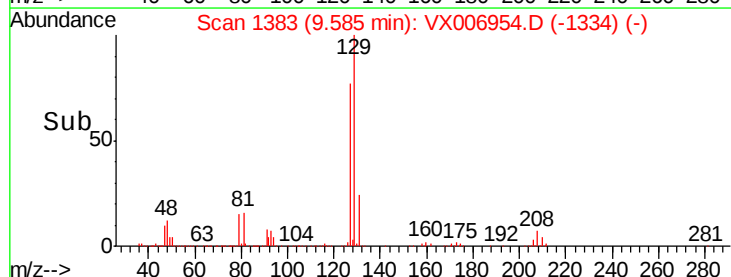
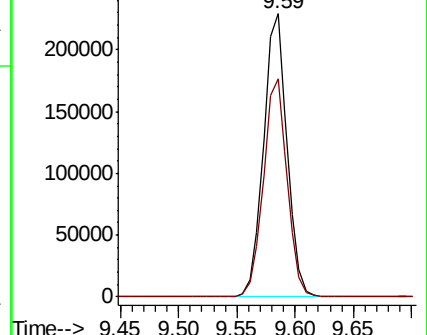
129 100

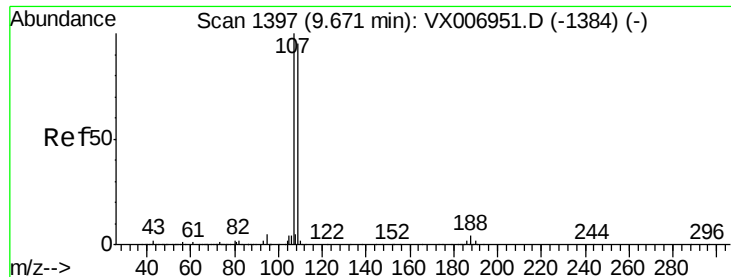
127 77.6 39.3 117.8



Abundance Ion 128.80 (128.50 to 129.50): VX006951.D (-1375) (-)

Ion 126.80 (126.50 to 127.50): VX006951.D (-1375) (-)





#61

1,2-Dibromoethane

Concen: 50.030 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX006954.D

Acq: 08 Jan 2019 14:11

Instrument :

MSVOA_X

ClientSampleId :

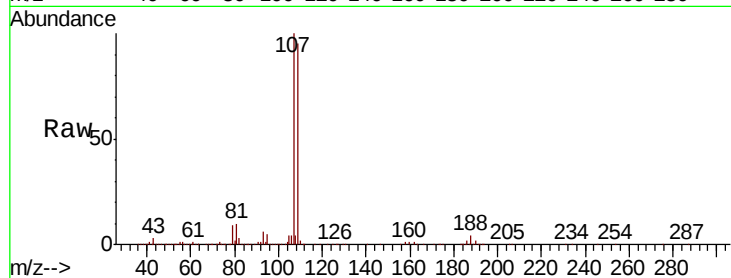
ICVVX010819

Tgt Ion: 107 Resp: 337429

Ion Ratio Lower Upper

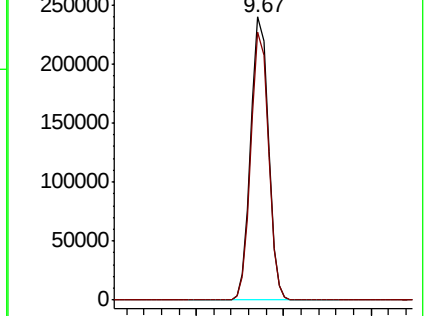
107 100

109 93.8 75.8 113.6

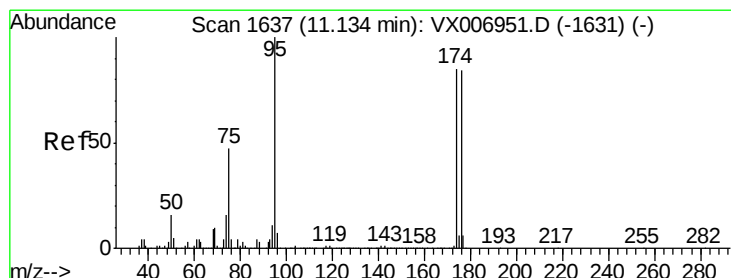
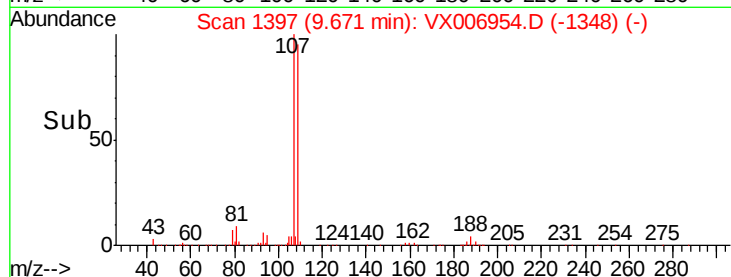


Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



Time-->



#62

4-Bromofluorobenzene

Concen: 49.339 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX006954.D

Acq: 08 Jan 2019 14:11

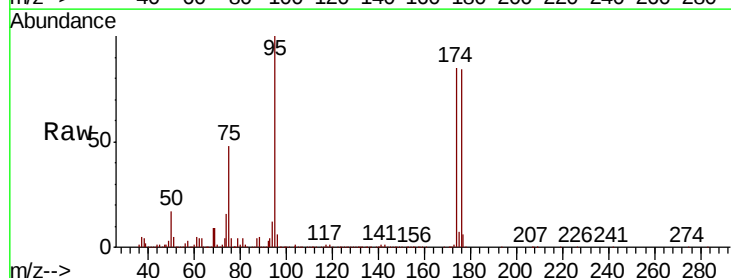
Tgt Ion: 95 Resp: 361930

Ion Ratio Lower Upper

95 100

174 94.4 0.0 182.2

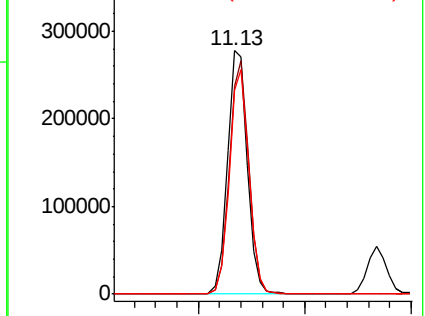
176 91.4 0.0 178.8



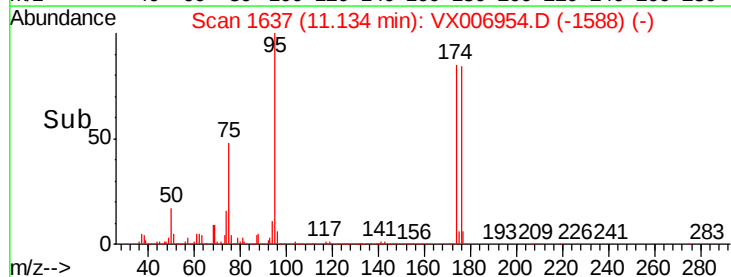
Abundance Ion 94.90 (94.60 to 95.60): VX0

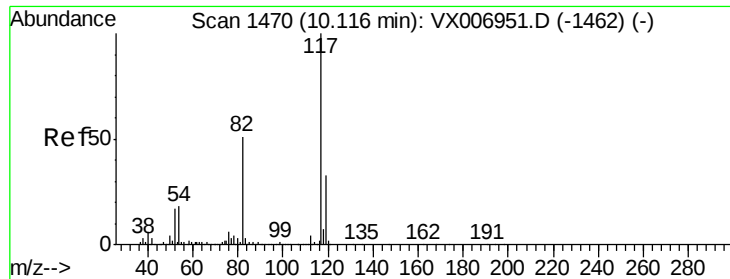
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->

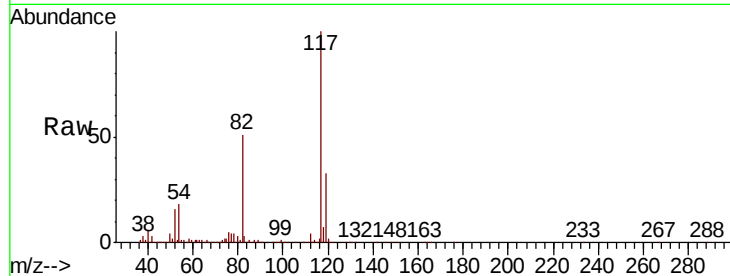




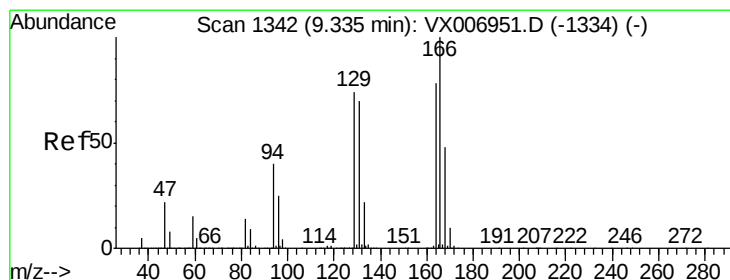
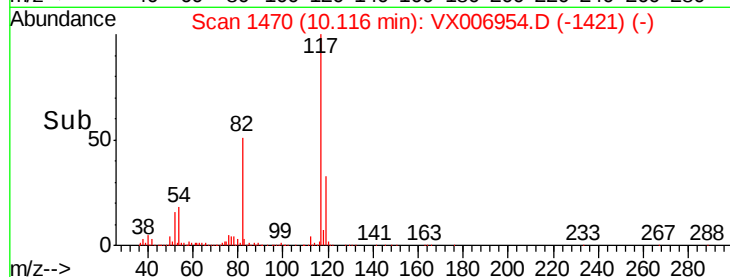
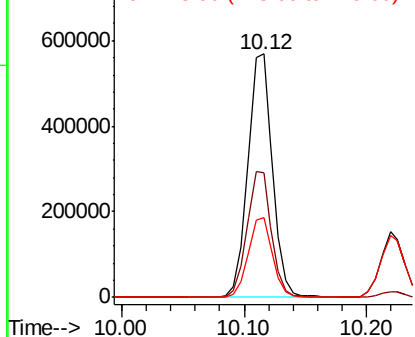
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006954.D
Acq: 08 Jan 2019 14:11

Instrument :
MSVOA_X
ClientSampleId :
ICVVX010819

Tgt Ion:117 Resp: 796583
Ion Ratio Lower Upper
117 100
82 51.1 41.0 61.6
119 32.7 25.4 38.0

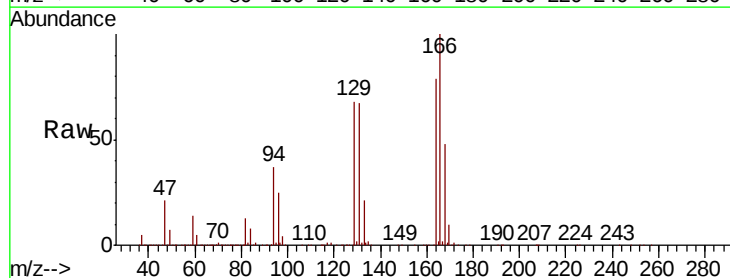


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

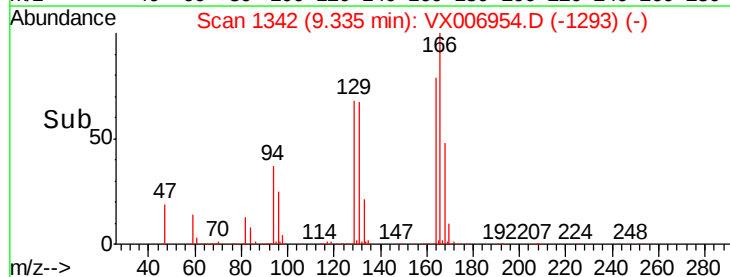
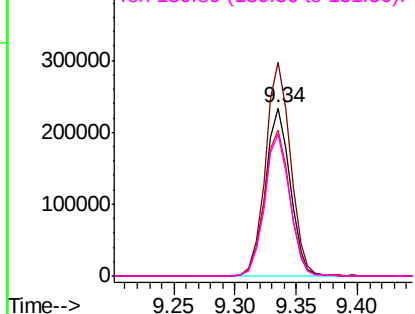


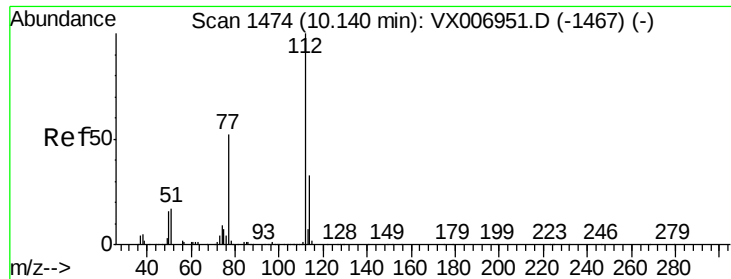
#64
Tetrachloroethene
Concen: 47.868 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006954.D
Acq: 08 Jan 2019 14:11

Tgt Ion:164 Resp: 330125
Ion Ratio Lower Upper
164 100
166 127.0 102.5 153.7
129 86.8 75.1 112.7
131 84.8 72.7 109.1



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

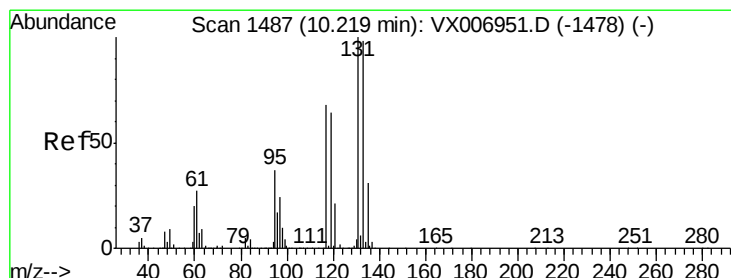
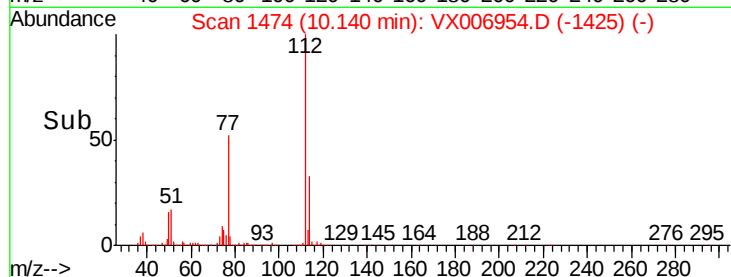
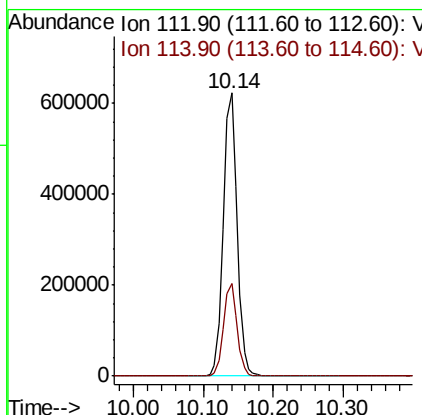
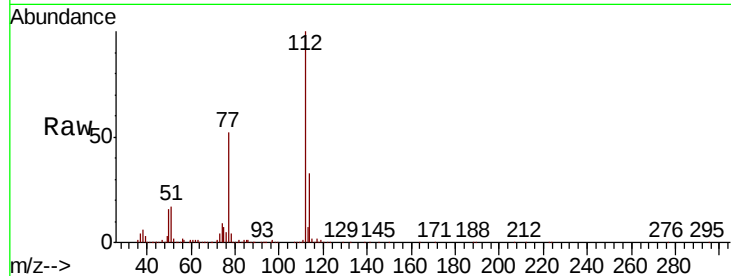




#65
Chlorobenzene
Concen: 49.314 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX006954.D
Acq: 08 Jan 2019 14:11

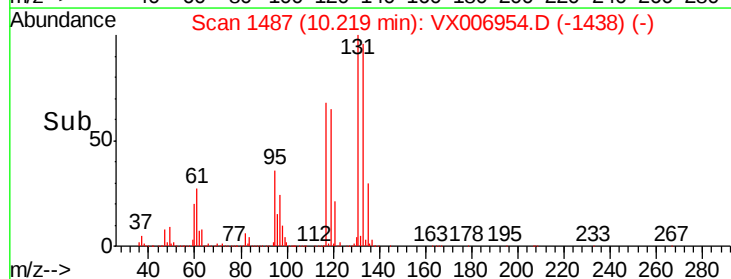
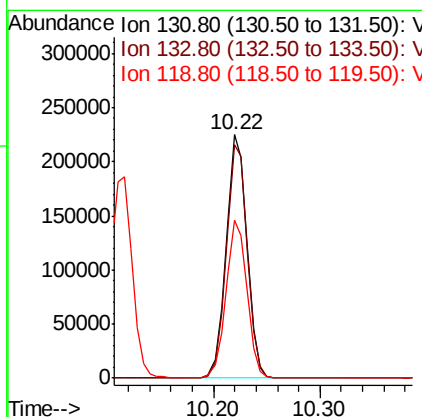
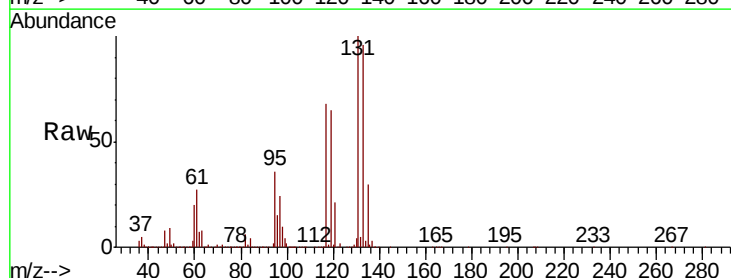
Instrument :
MSVOA_X
ClientSampleId :
ICVVX010819

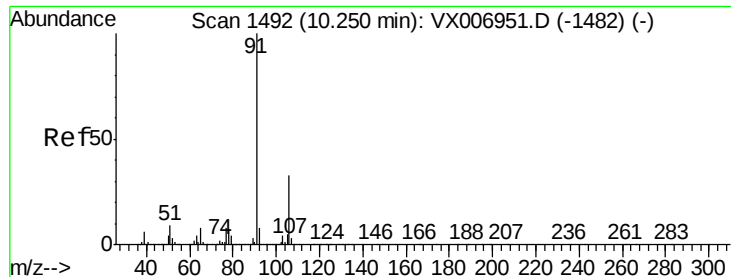
Tgt Ion:112 Resp: 856779
Ion Ratio Lower Upper
112 100
114 32.6 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 52.686 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX006954.D
Acq: 08 Jan 2019 14:11

Tgt Ion:131 Resp: 307930
Ion Ratio Lower Upper
131 100
133 96.4 48.0 144.2
119 65.1 32.6 97.8





#67

Ethyl Benzene

Concen: 49.145 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX006954.D

Acq: 08 Jan 2019 14:11

Instrument :

MSVOA_X

ClientSampleId :

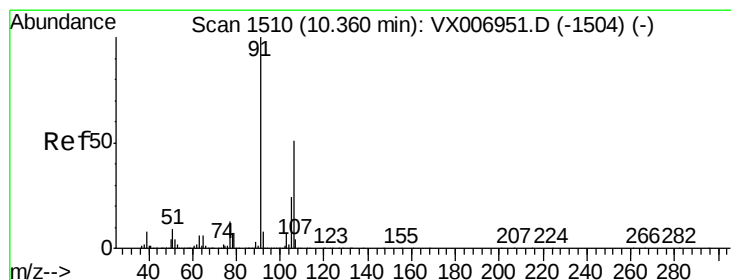
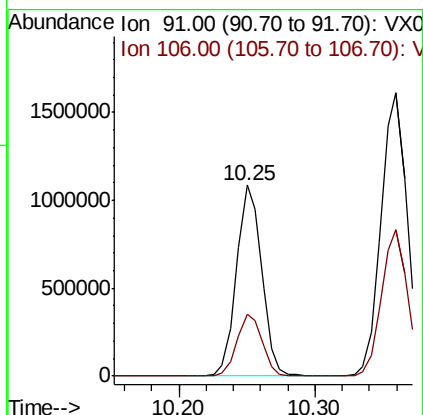
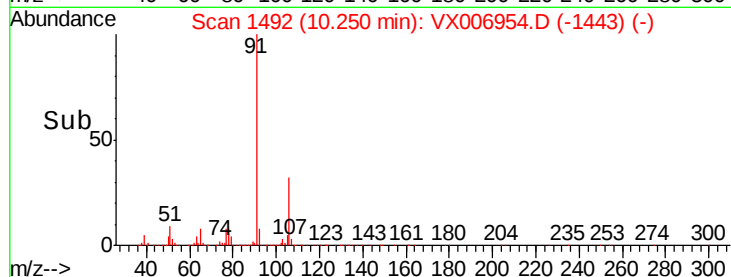
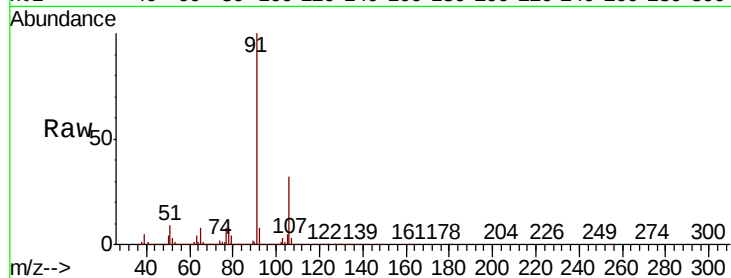
ICVVX010819

Tgt Ion: 91 Resp: 1409573

Ion Ratio Lower Upper

91 100

106 32.3 26.4 39.6



#68

m/p-Xylenes

Concen: 98.267 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006954.D

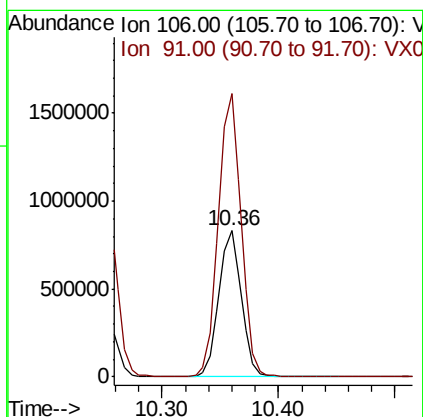
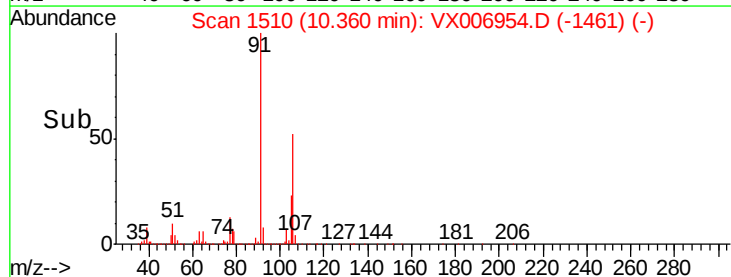
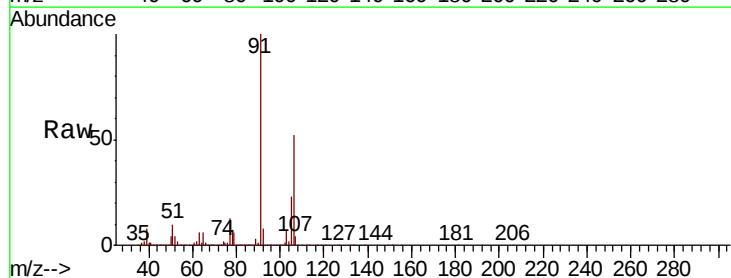
Acq: 08 Jan 2019 14:11

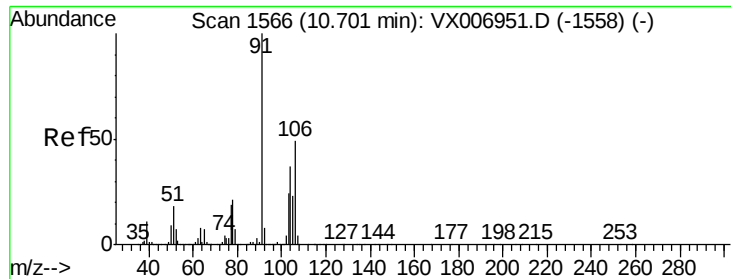
Tgt Ion: 106 Resp: 1110454

Ion Ratio Lower Upper

106 100

91 196.1 155.8 233.6

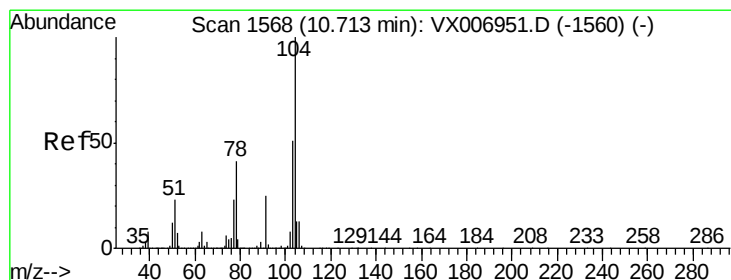
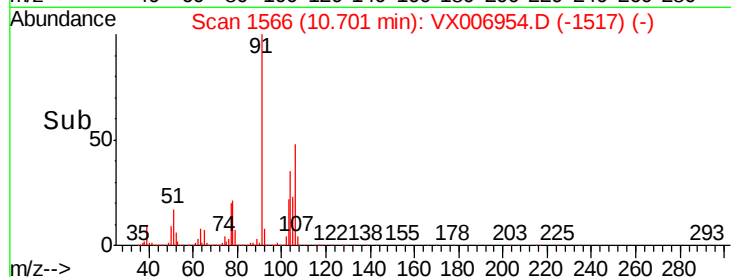
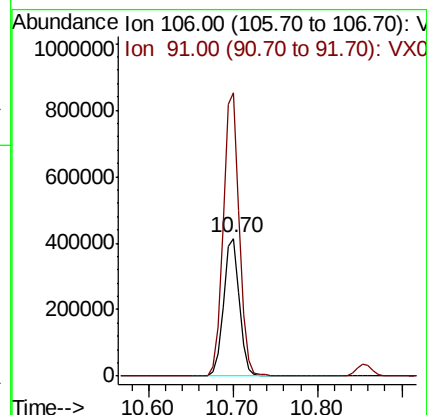
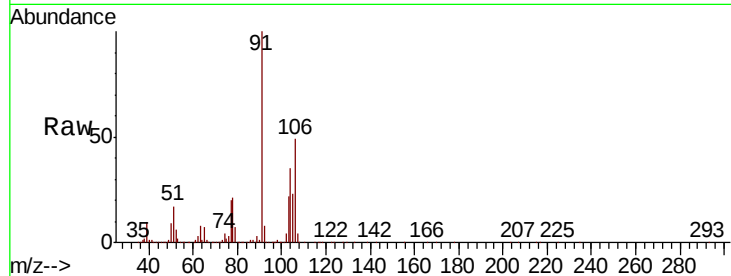




#69
o-Xylene
Concen: 49.041 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006954.D
Acq: 08 Jan 2019 14:11

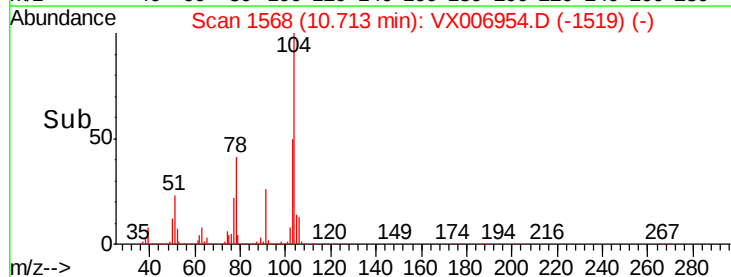
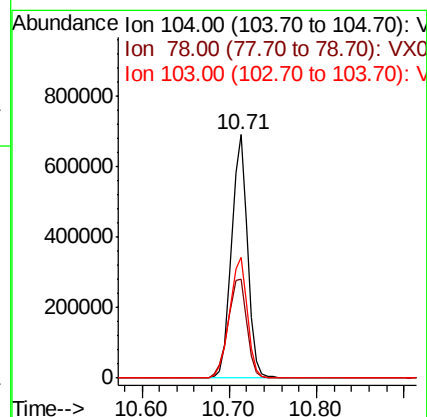
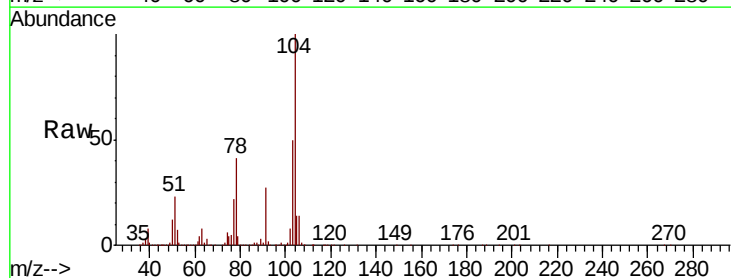
Instrument :
MSVOA_X
ClientSampleId :
ICVVX010819

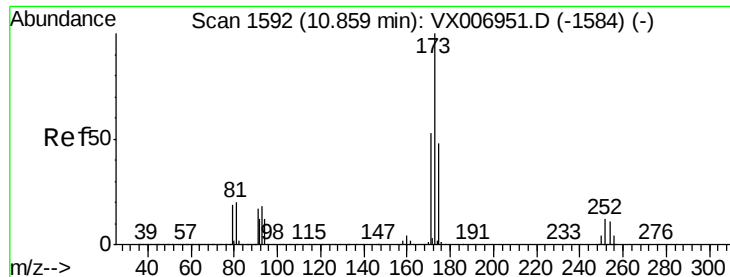
Tgt Ion:106 Resp: 540466
Ion Ratio Lower Upper
106 100
91 207.1 101.3 303.7



#70
Styrene
Concen: 50.249 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006954.D
Acq: 08 Jan 2019 14:11

Tgt Ion:104 Resp: 877059
Ion Ratio Lower Upper
104 100
78 48.0 37.7 56.5
103 55.1 43.8 65.8

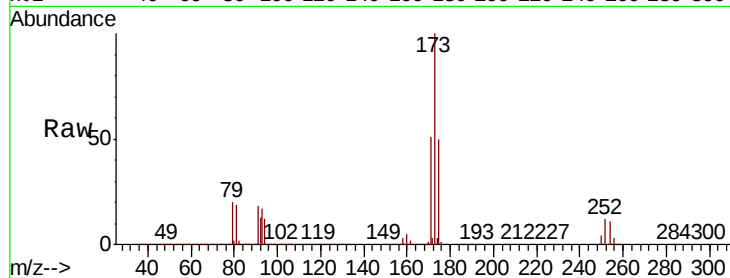




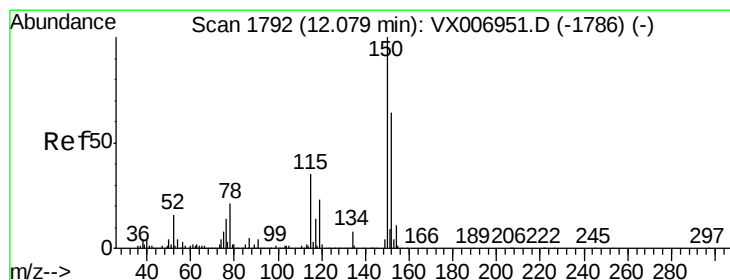
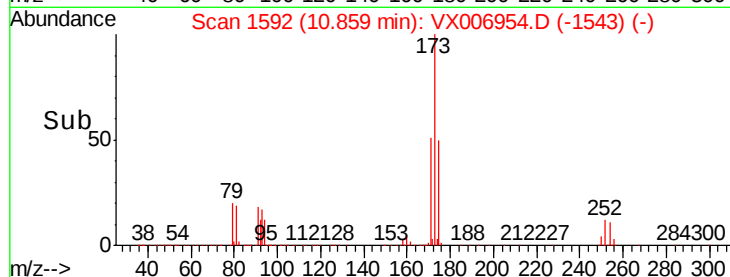
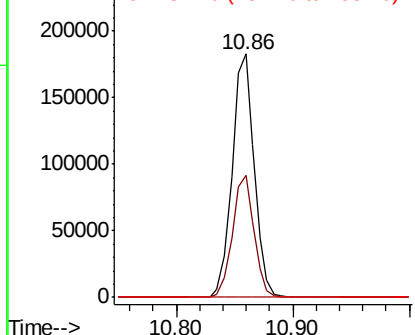
#71
Bromoform
Concen: 46.433 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.00 min
Lab File: VX006954.D
Acq: 08 Jan 2019 14:11

Instrument :
MSVOA_X
ClientSampleId :
ICVVX010819

Tgt Ion:173 Resp: 240851
Ion Ratio Lower Upper
173 100
175 49.3 24.7 74.1
254 0.2 0.2 0.2

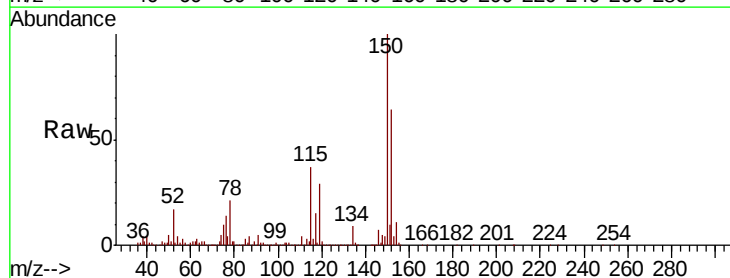


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

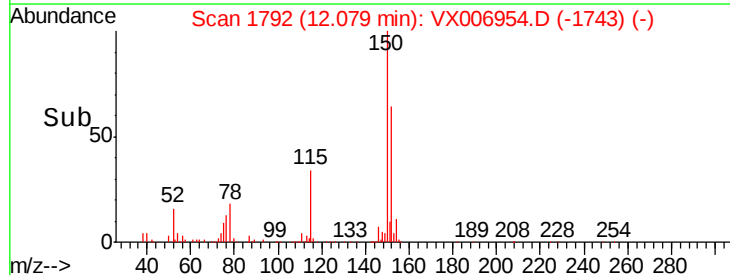
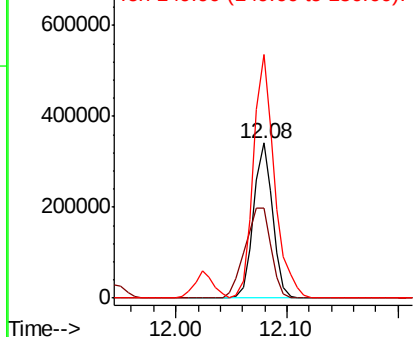


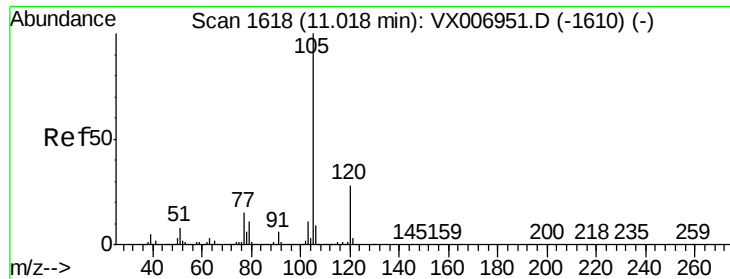
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006954.D
Acq: 08 Jan 2019 14:11

Tgt Ion:152 Resp: 403713
Ion Ratio Lower Upper
152 100
115 79.6 39.1 117.2
150 173.6 0.0 344.8



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





#73

Isopropylbenzene

Concen: 50.350 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006954.D

Acq: 08 Jan 2019 14:11

Instrument :

MSVOA_X

ClientSampleId :

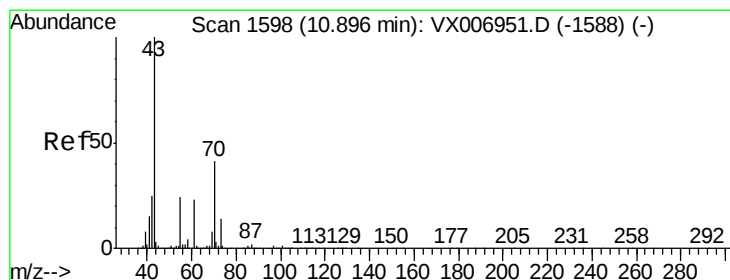
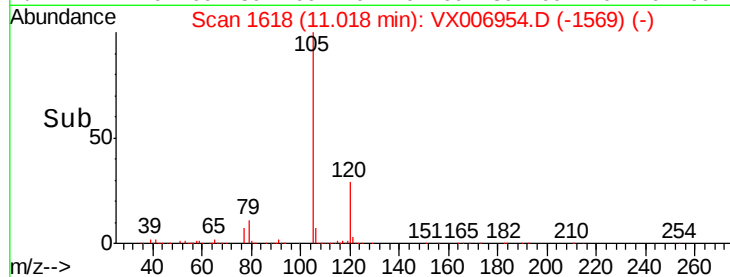
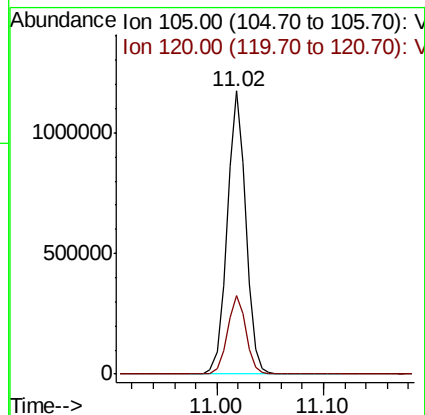
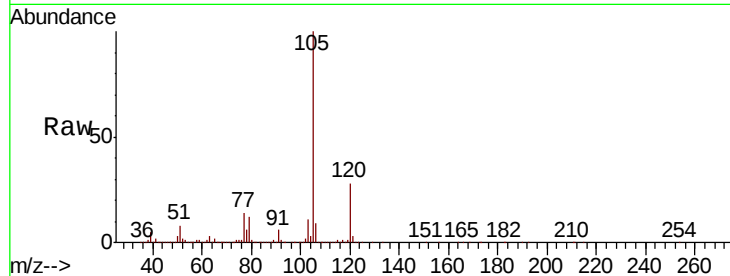
ICVX010819

Tgt Ion:105 Resp: 1433318

Ion Ratio Lower Upper

105 100

120 27.8 14.1 42.4



#74

N-ethyl acetate

Concen: 51.318 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006954.D

Acq: 08 Jan 2019 14:11

Tgt Ion: 43 Resp: 588188

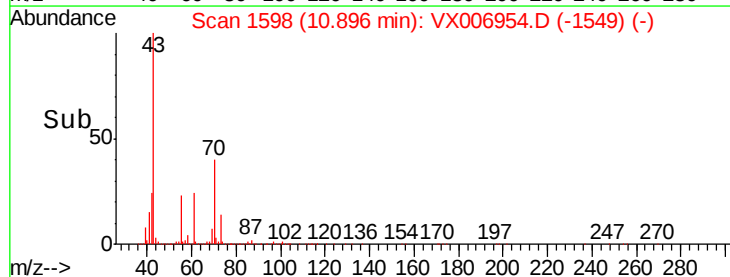
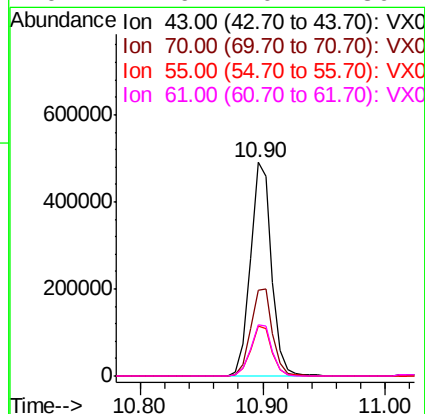
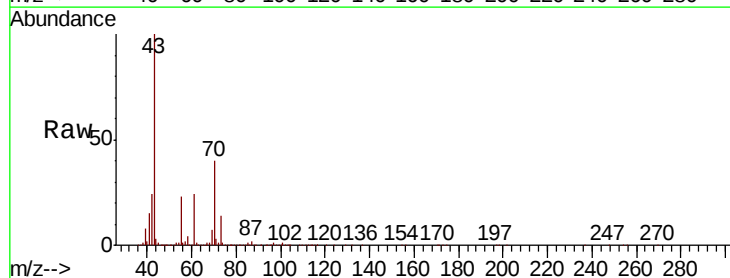
Ion Ratio Lower Upper

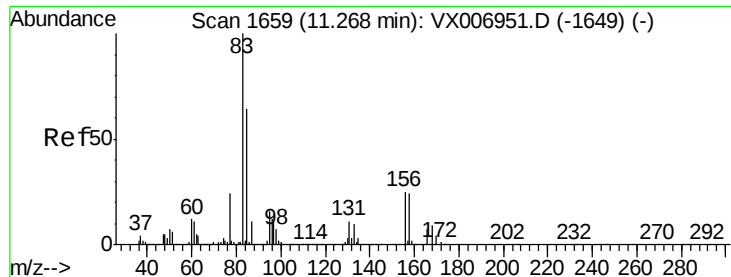
43 100

70 42.0 35.8 53.8

55 23.7 19.4 29.0

61 24.6 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 49.148 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006954.D

Acq: 08 Jan 2019 14:11

Instrument :

MSVOA_X

ClientSampleId :

ICVVX010819

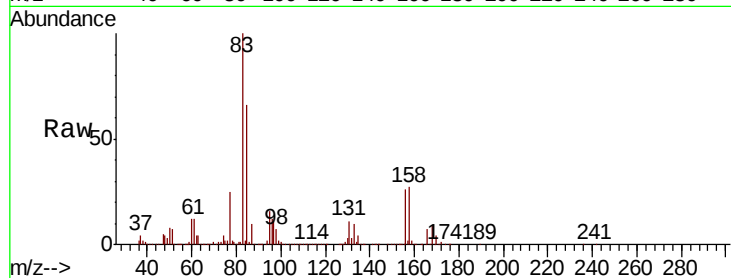
Tgt Ion: 83 Resp: 444171

Ion Ratio Lower Upper

83 100

131 10.9 5.7 17.1

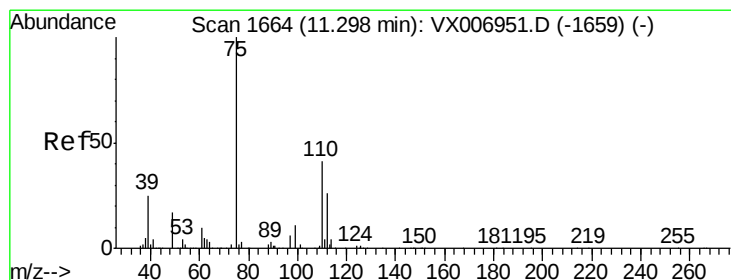
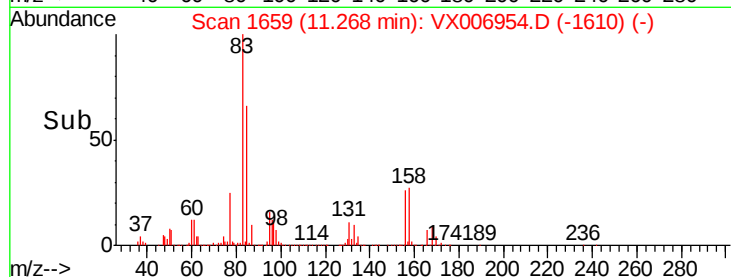
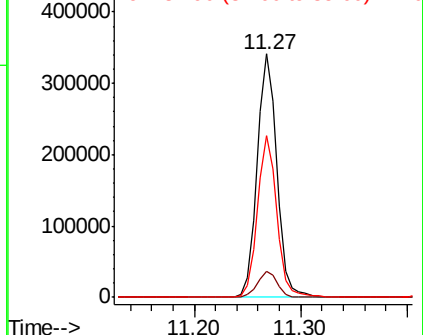
85 65.1 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 63.273 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX006954.D

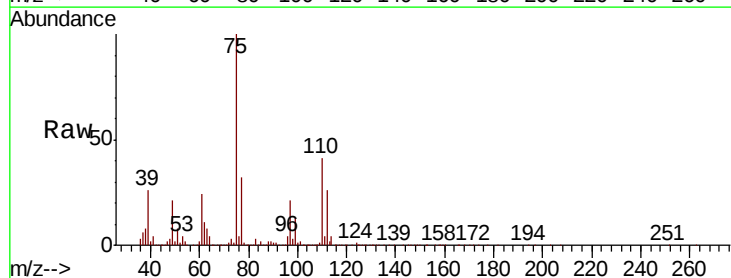
Acq: 08 Jan 2019 14:11

Tgt Ion: 75 Resp: 517642

Ion Ratio Lower Upper

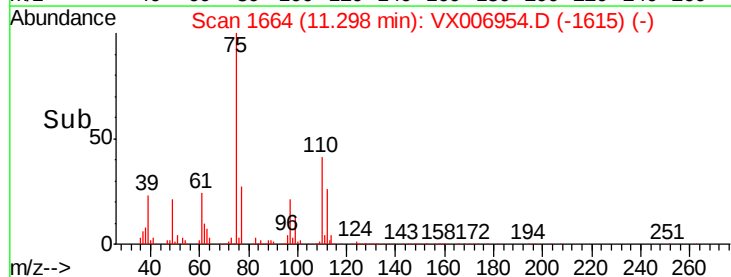
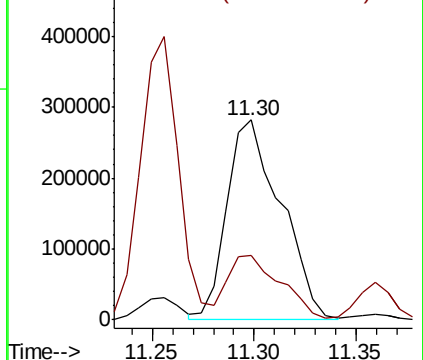
75 100

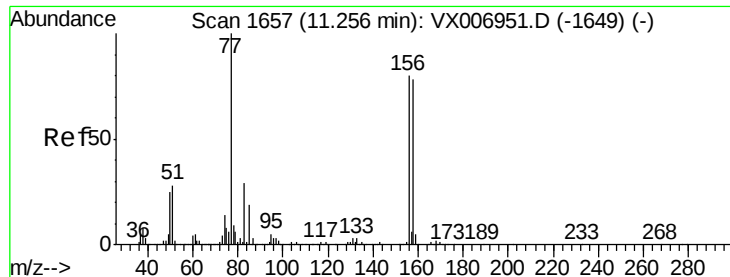
77 31.6 18.5 55.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.832 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006954.D

Acq: 08 Jan 2019 14:11

Instrument :

MSVOA_X

ClientSampleId :

ICVVX010819

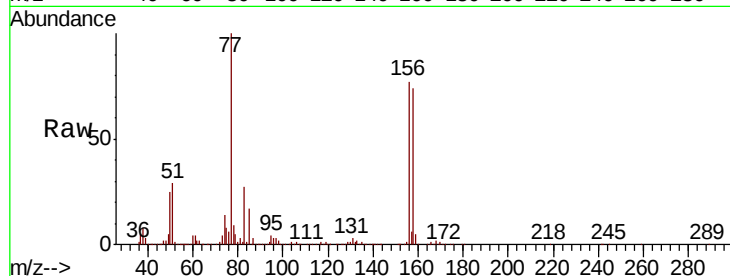
Tgt Ion:156 Resp: 383028

Ion Ratio Lower Upper

156 100

77 135.4 68.0 204.0

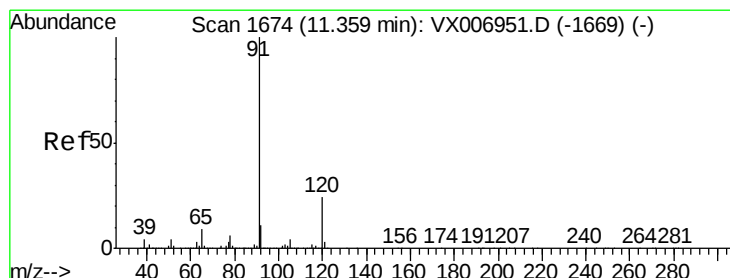
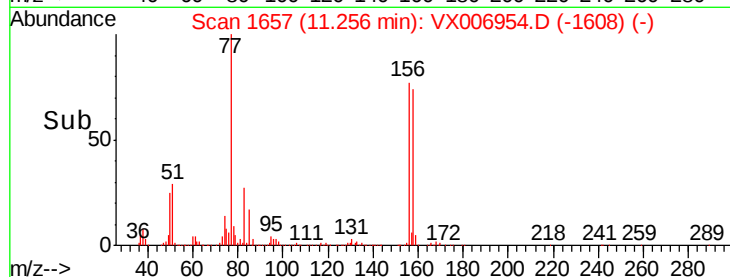
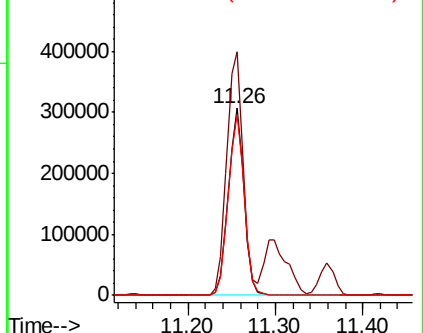
158 98.1 48.3 144.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.126 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006954.D

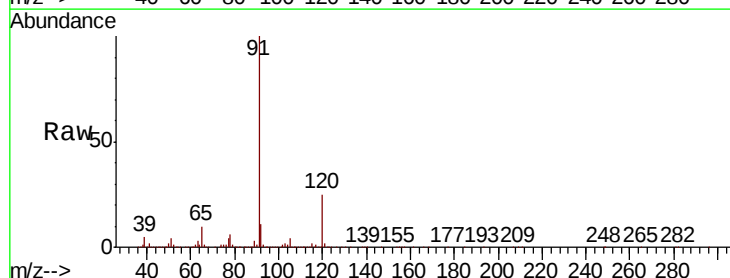
Acq: 08 Jan 2019 14:11

Tgt Ion: 91 Resp: 1597736

Ion Ratio Lower Upper

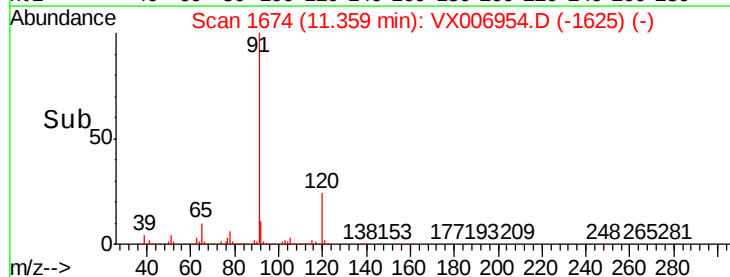
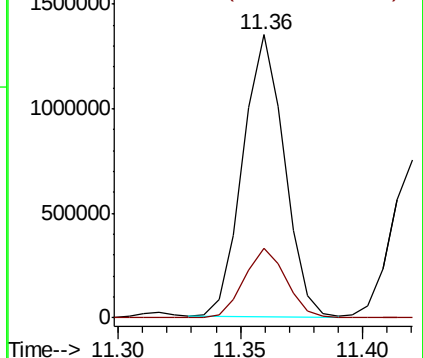
91 100

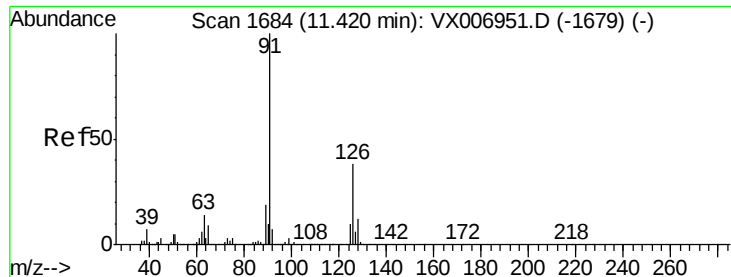
120 24.8 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.869 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006954.D

Acq: 08 Jan 2019 14:11

Instrument :

MSVOA_X

ClientSampleId :

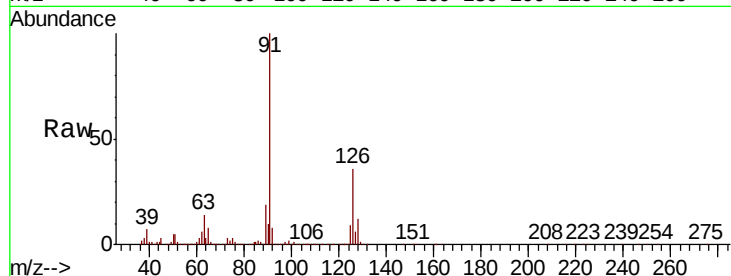
ICVVX010819

Tgt Ion: 91 Resp: 919315

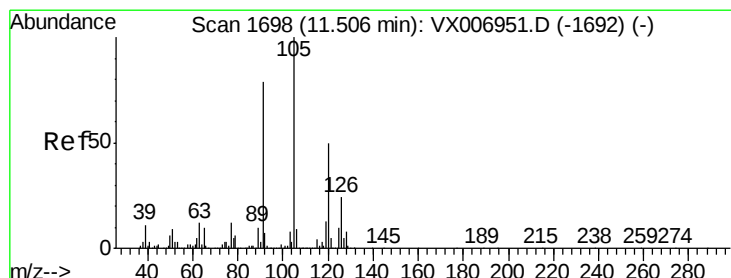
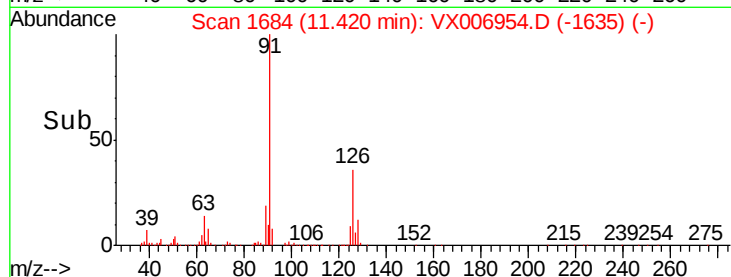
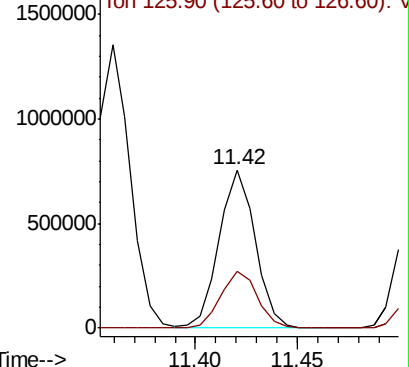
Ion Ratio Lower Upper

91 100

126 37.0 18.6 56.0



Abundance Ion 91.00 (90.70 to 91.70): VX006951.D (-1679) (-)



#80

1,3,5-Trimethylbenzene

Concen: 49.608 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006954.D

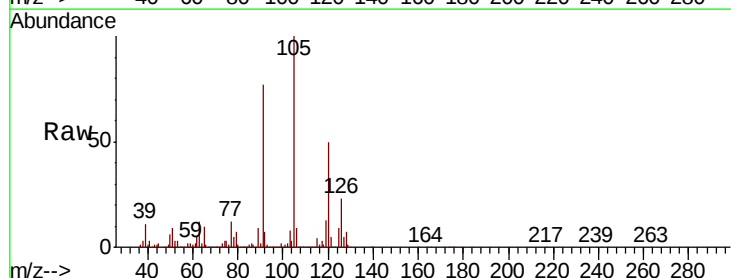
Acq: 08 Jan 2019 14:11

Tgt Ion: 105 Resp: 1180024

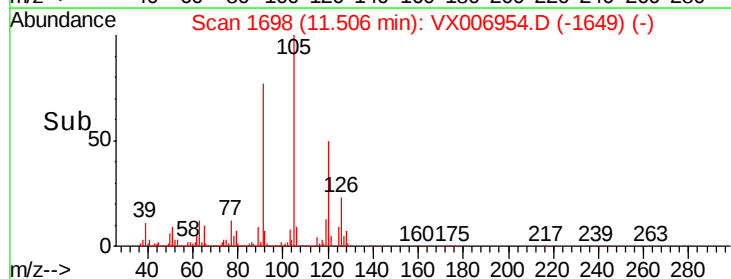
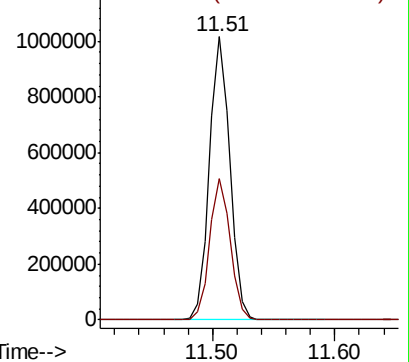
Ion Ratio Lower Upper

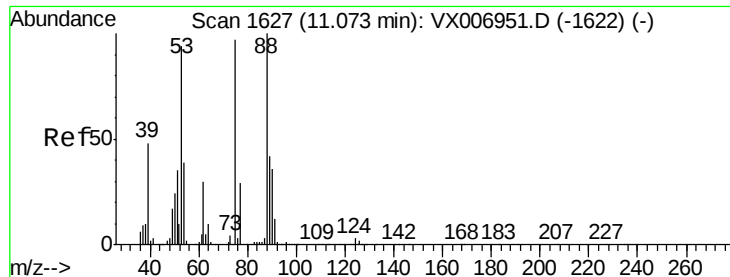
105 100

120 50.2 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): VX006951.D (-1692) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 48.951 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX006954.D

Acq: 08 Jan 2019 14:11

Instrument :

MSVOA_X

ClientSampleId :

ICVVX010819

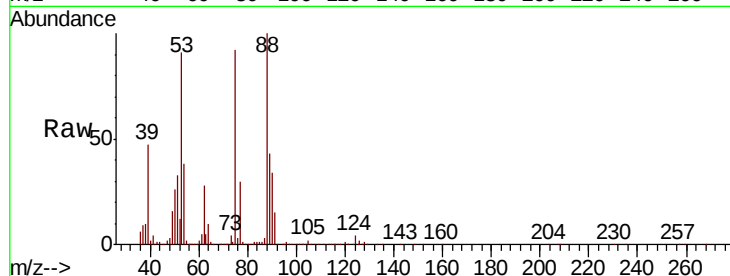
Tgt Ion: 75 Resp: 132469

Ion Ratio Lower Upper

75 100

53 97.4 79.7 119.5

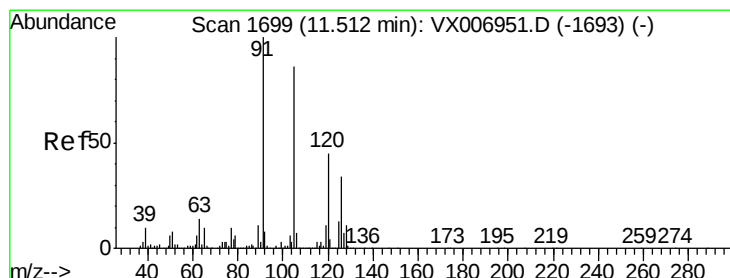
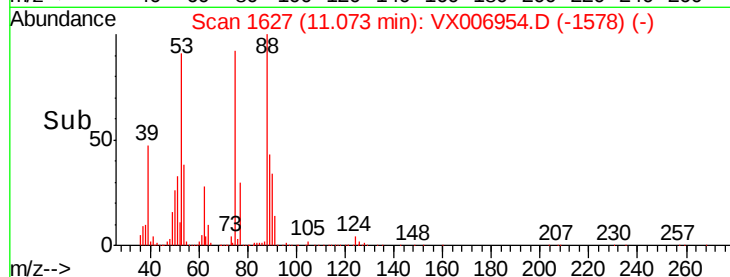
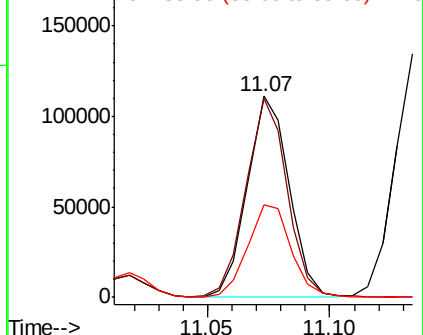
89 48.5 38.0 57.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 49.778 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX006954.D

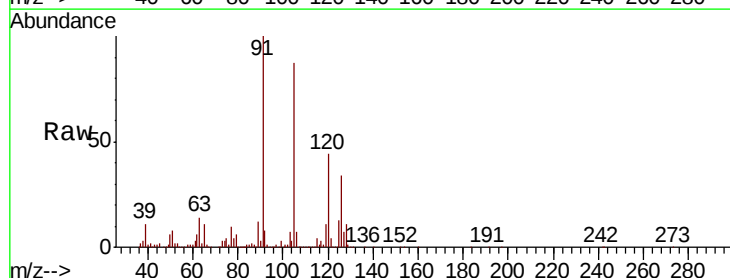
Acq: 08 Jan 2019 14:11

Tgt Ion: 91 Resp: 1084217

Ion Ratio Lower Upper

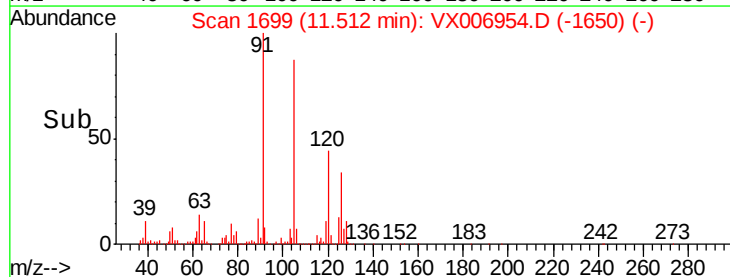
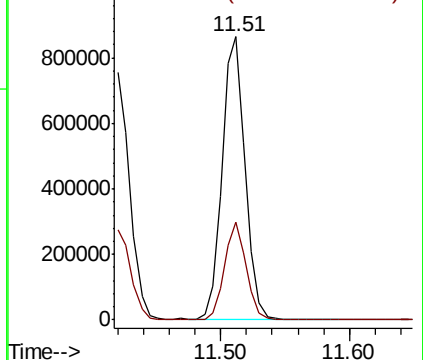
91 100

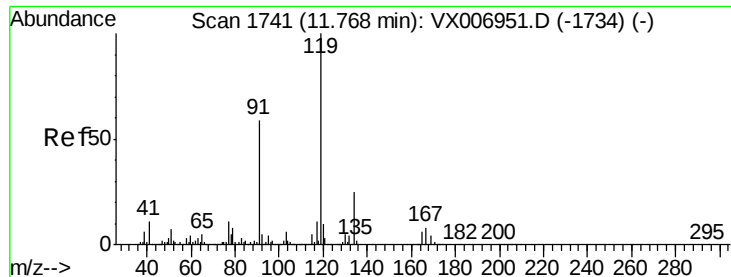
126 32.8 16.3 48.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 50.805 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX006954.D

Acq: 08 Jan 2019 14:11

Instrument :

MSVOA_X

ClientSampleId :

ICVVX010819

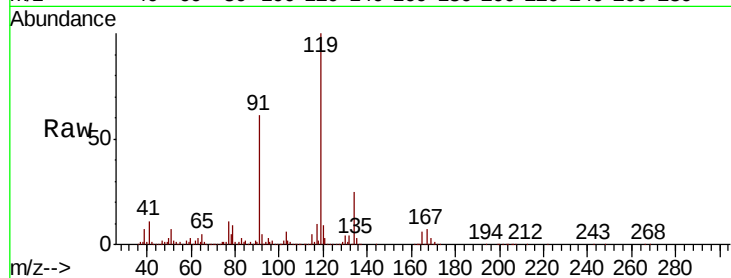
Tgt Ion:119 Resp: 1205724

Ion Ratio Lower Upper

119 100

91 54.1 27.7 83.1

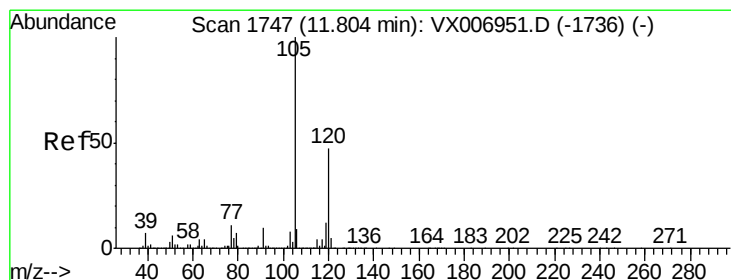
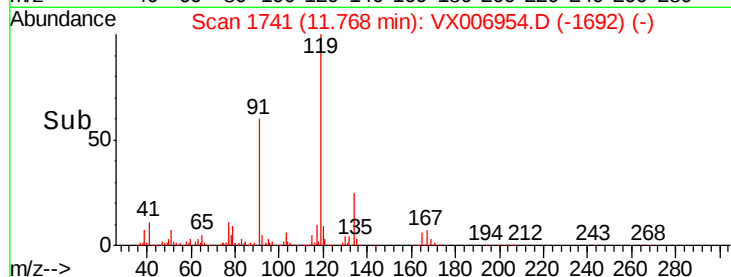
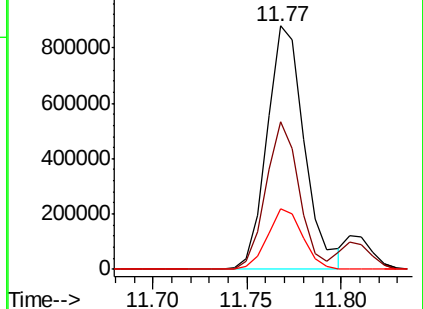
134 23.4 11.9 35.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 50.164 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX006954.D

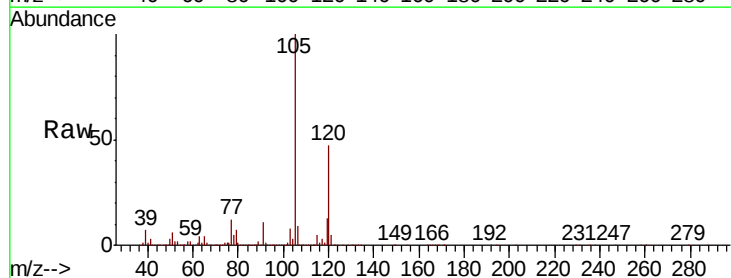
Acq: 08 Jan 2019 14:11

Tgt Ion:105 Resp: 1199908

Ion Ratio Lower Upper

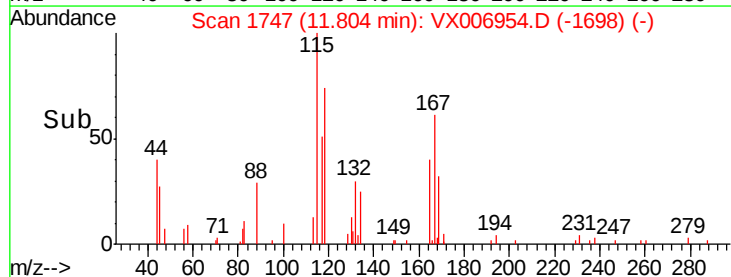
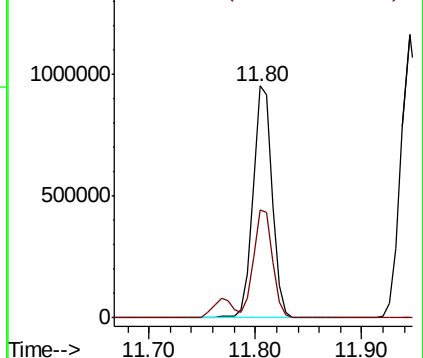
105 100

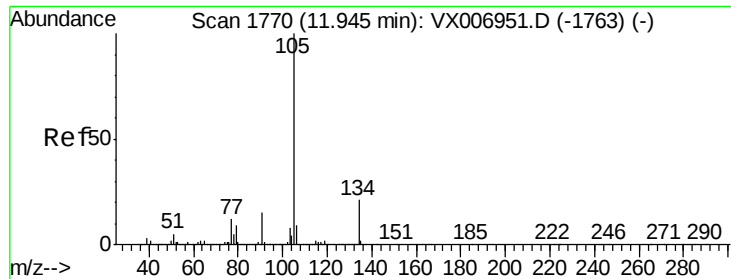
120 46.3 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 49.959 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006954.D

Acq: 08 Jan 2019 14:11

Instrument :

MSVOA_X

ClientSampleId :

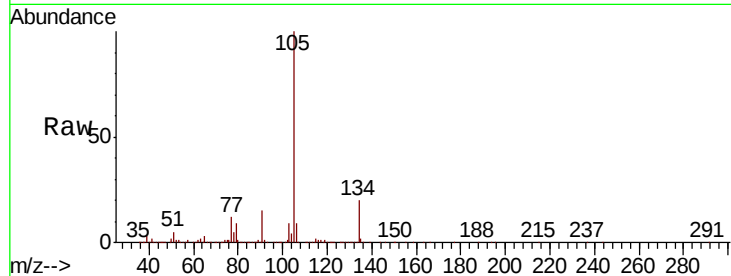
ICVX010819

Tgt Ion:105 Resp: 1415997

Ion Ratio Lower Upper

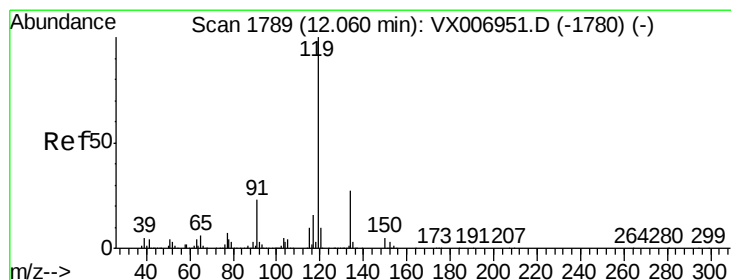
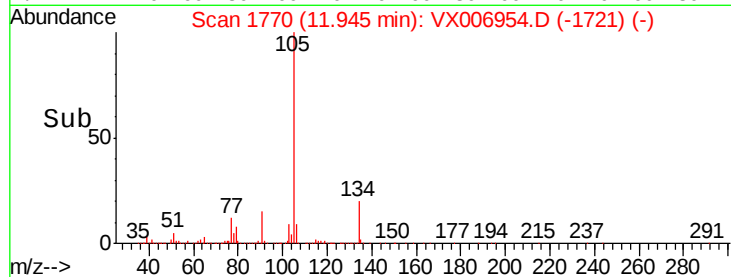
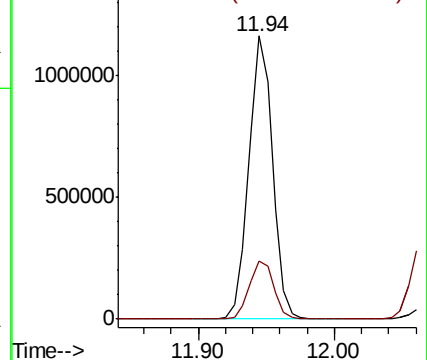
105 100

134 21.4 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.790 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.01 min

Lab File: VX006954.D

Acq: 08 Jan 2019 14:11

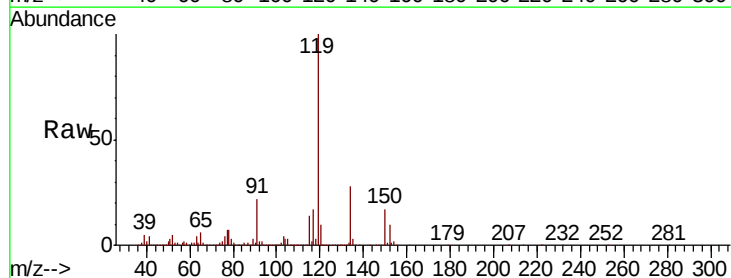
Tgt Ion:119 Resp: 1287635

Ion Ratio Lower Upper

119 100

134 27.8 14.0 41.9

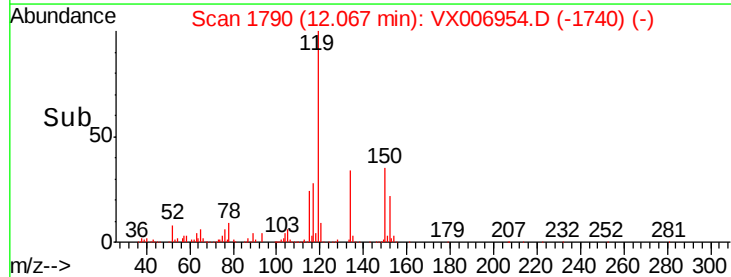
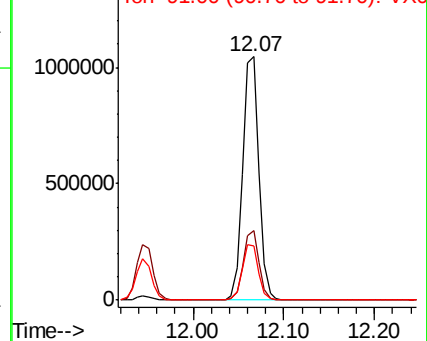
91 22.7 11.3 33.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 49.046 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX006954.D

Acq: 08 Jan 2019 14:11

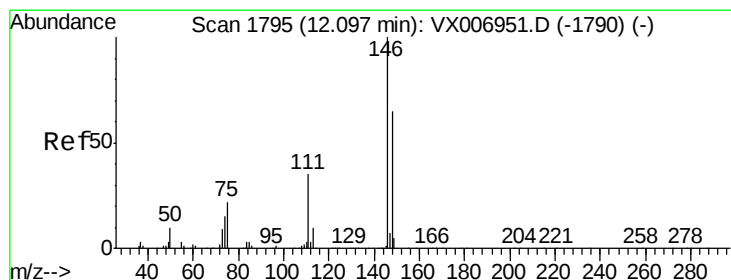
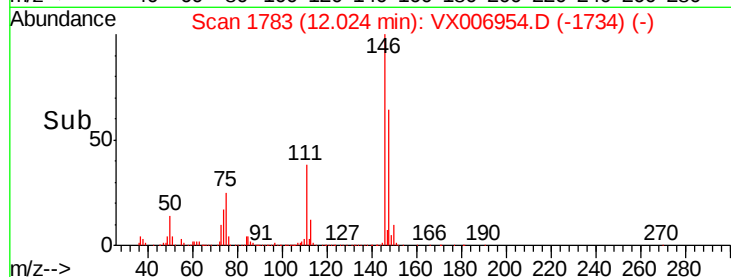
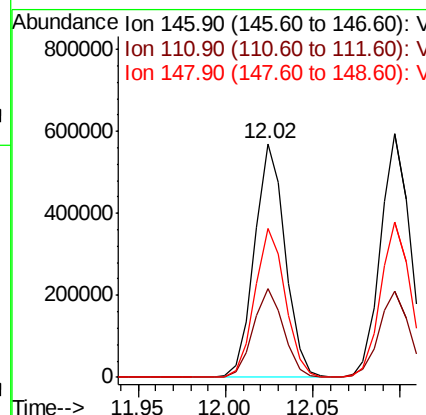
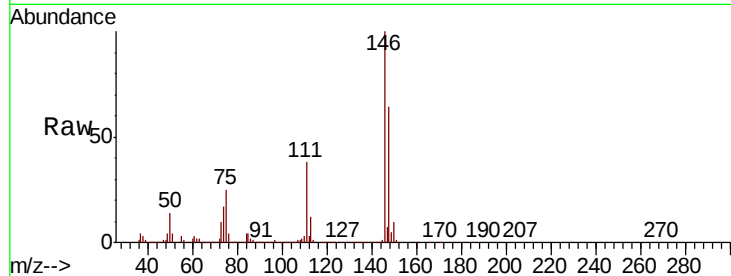
Instrument :

MSVOA_X

ClientSampleId :

ICVVX010819

Tgt Ion:	146	Resp:	695355
Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.6	55.8
148	63.5	31.8	95.3



#88

1,4-Dichlorobenzene

Concen: 51.908 ug/l

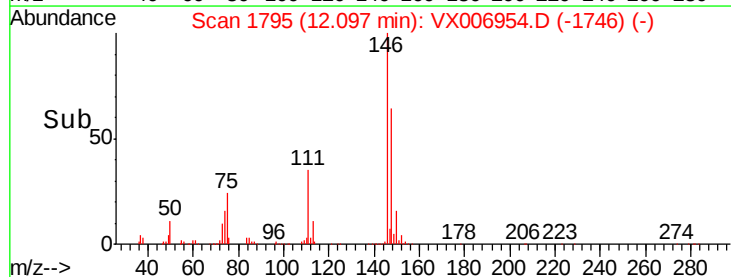
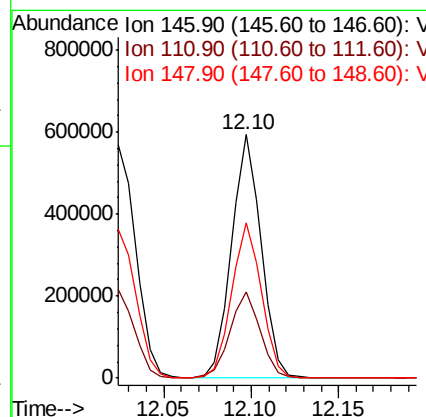
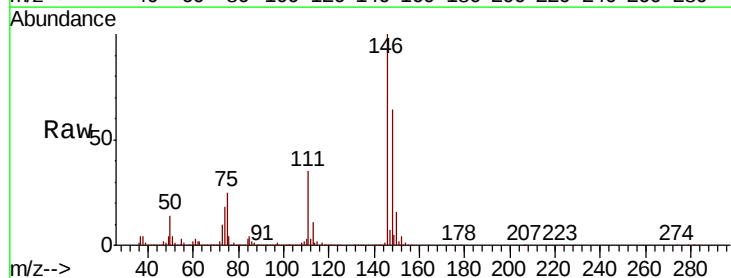
RT: 12.10 min Scan# 1795

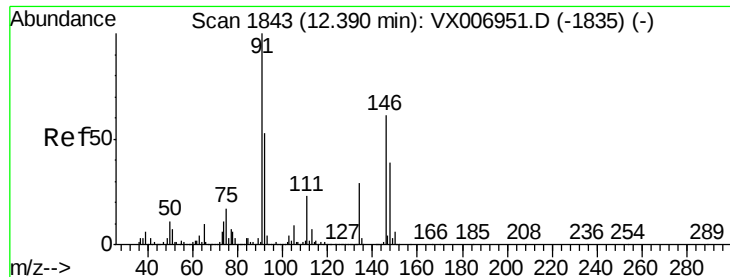
Delta R.T. 0.00 min

Lab File: VX006954.D

Acq: 08 Jan 2019 14:11

Tgt Ion:	146	Resp:	697351
Ion	Ratio	Lower	Upper
146	100		
111	36.1	18.1	54.1
148	64.1	31.9	95.9

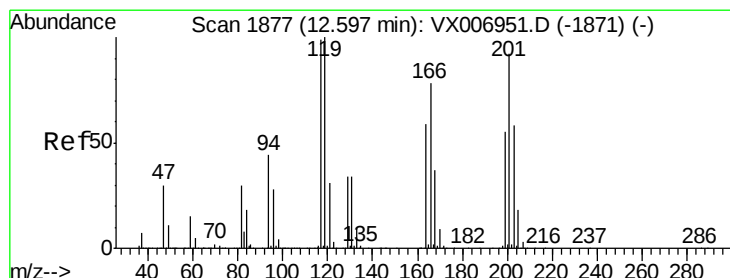
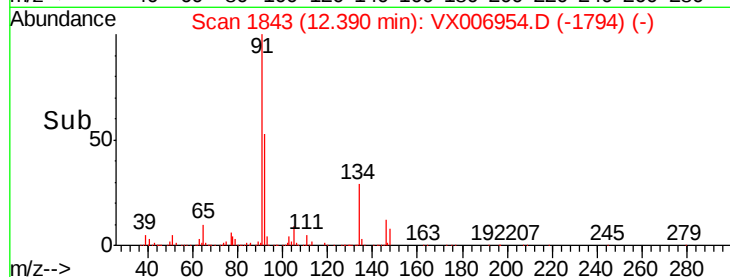
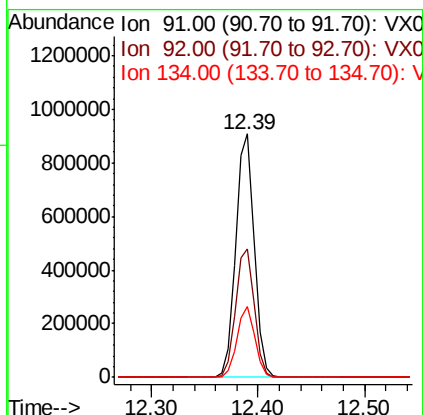
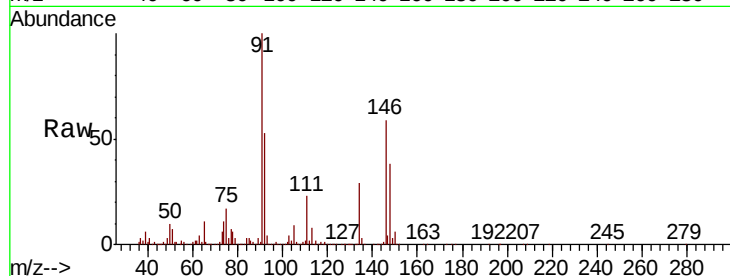




#89
n-Butylbenzene
Concen: 51.210 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX006954.D
Acq: 08 Jan 2019 14:11

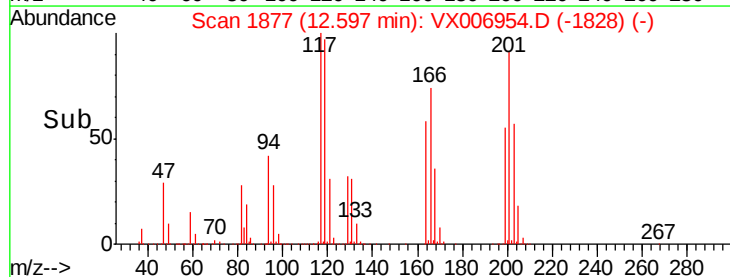
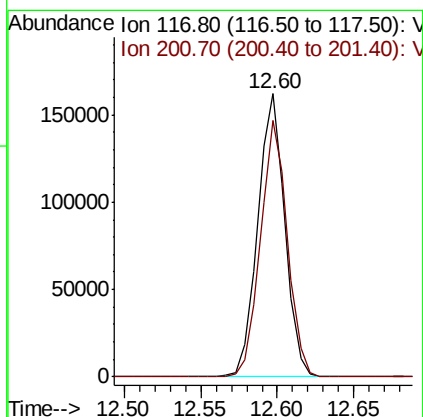
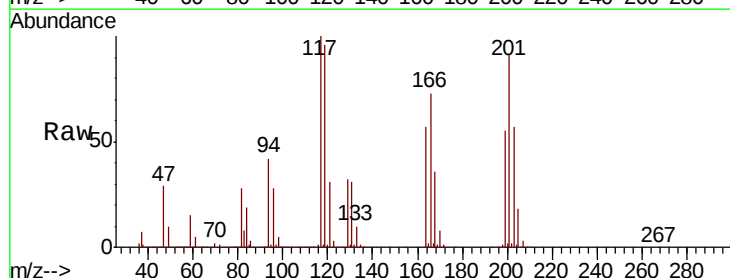
Instrument :
MSVOA_X
ClientSampleId :
ICVVX010819

Tgt Ion: 91 Resp: 1106732
Ion Ratio Lower Upper
91 100
92 53.3 26.8 80.4
134 28.4 14.4 43.2



#90
Hexachloroethane
Concen: 49.275 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006954.D
Acq: 08 Jan 2019 14:11

Tgt Ion: 117 Resp: 199251
Ion Ratio Lower Upper
117 100
201 90.4 42.9 128.7





#91

1,2-Dichlorobenzene

Concen: 48.766 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX006954.D

Acq: 08 Jan 2019 14:11

Instrument :

MSVOA_X

ClientSampleId :

ICVVX010819

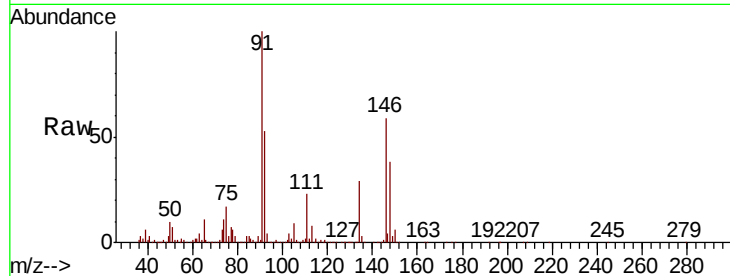
Tgt Ion:146 Resp: 682298

Ion Ratio Lower Upper

146 100

111 38.6 19.4 58.2

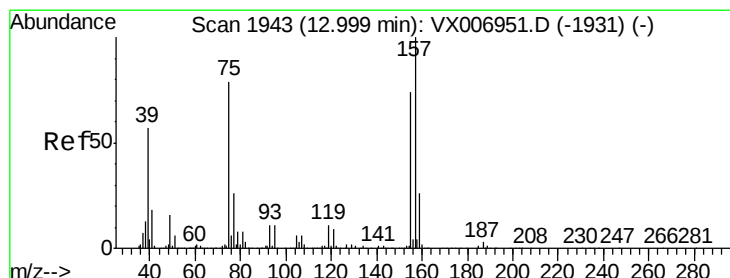
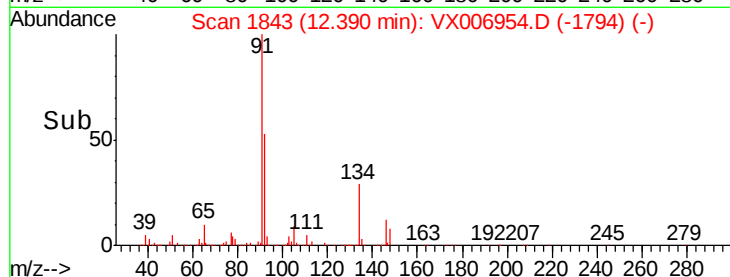
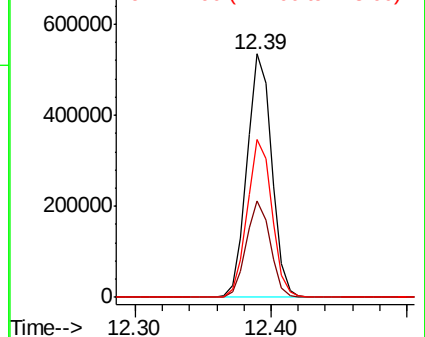
148 64.8 32.3 96.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.519 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX006954.D

Acq: 08 Jan 2019 14:11

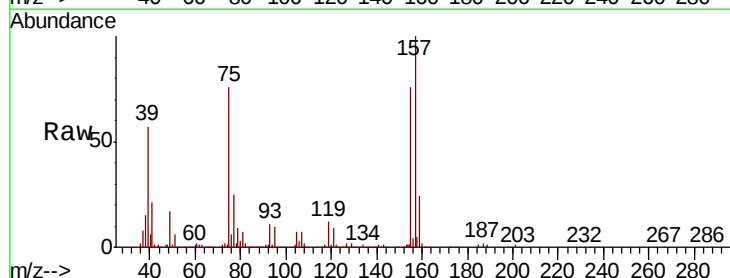
Tgt Ion: 75 Resp: 92084

Ion Ratio Lower Upper

75 100

155 103.8 50.6 151.8

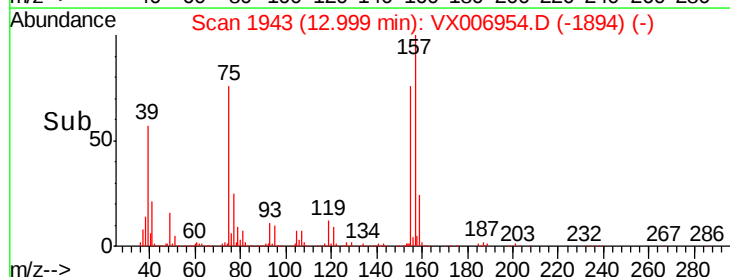
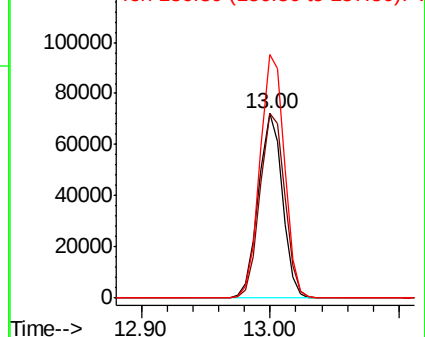
157 135.1 64.6 193.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

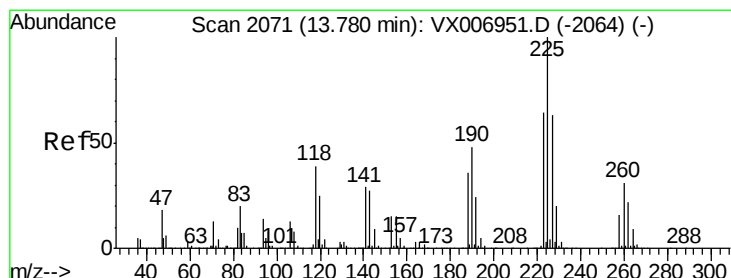
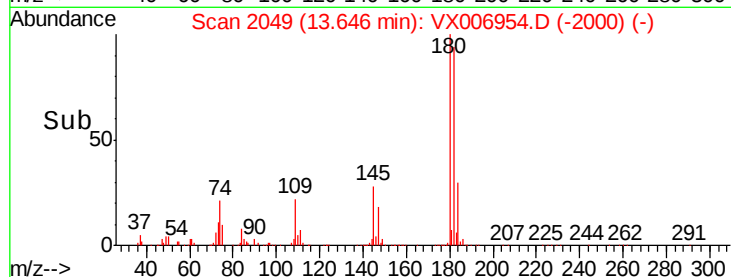
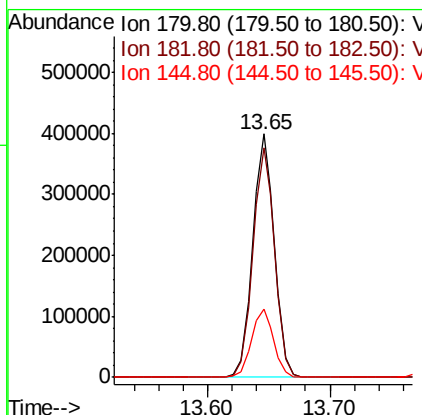
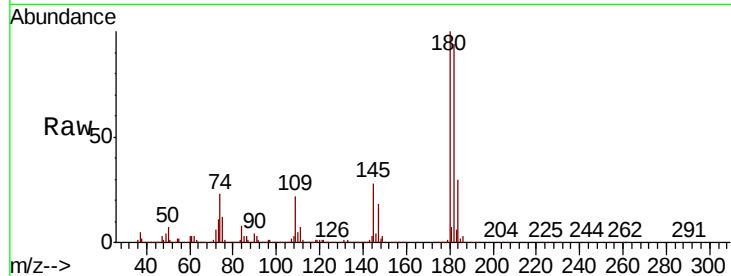




#93
 1,2,4-Trichlorobenzene
 Concen: 51.277 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX006954.D
 Acq: 08 Jan 2019 14:11

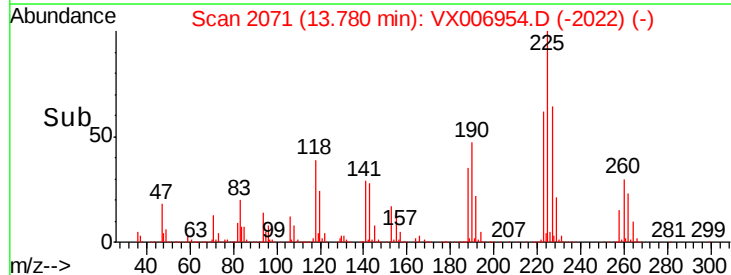
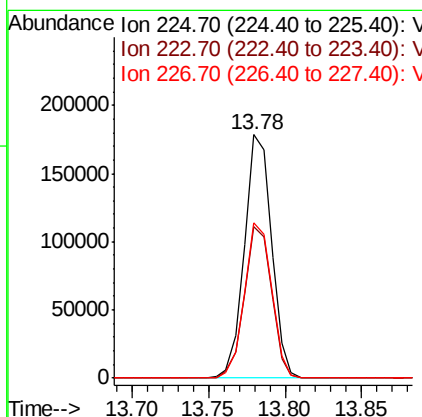
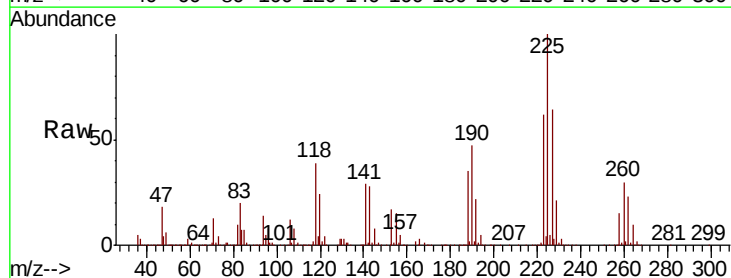
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX010819

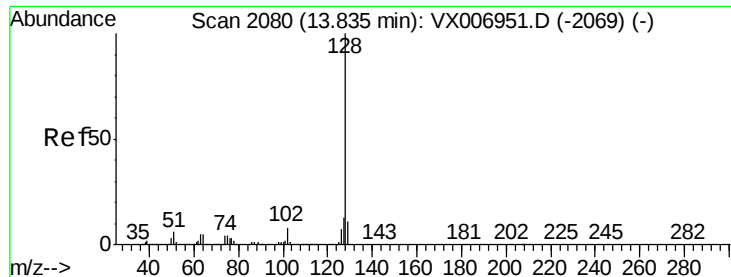
Tgt Ion:180 Resp: 492209
 Ion Ratio Lower Upper
 180 100
 182 94.9 47.3 142.0
 145 28.6 14.8 44.3



#94
 Hexachlorobutadiene
 Concen: 51.657 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX006954.D
 Acq: 08 Jan 2019 14:11

Tgt Ion:225 Resp: 220044
 Ion Ratio Lower Upper
 225 100
 223 62.2 32.1 96.3
 227 64.1 32.3 96.8

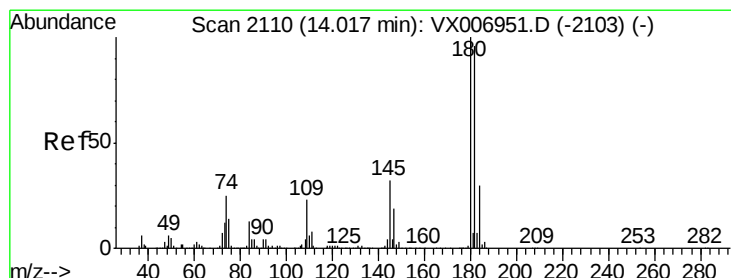
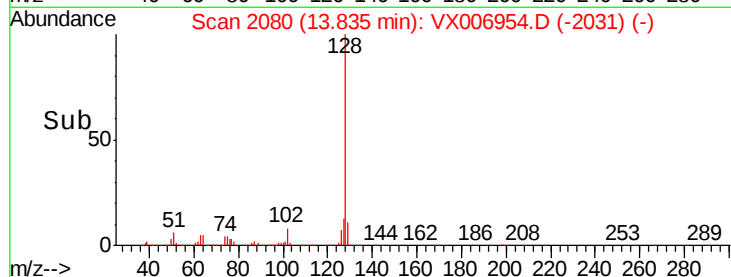
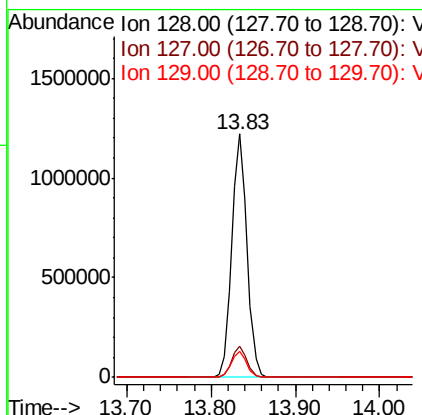
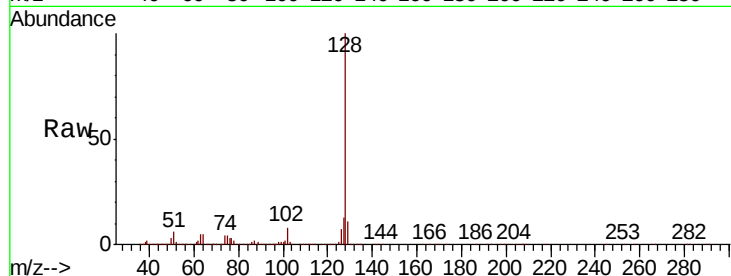




#95
Naphthalene
Concen: 51.528 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006954.D
Acq: 08 Jan 2019 14:11

Instrument :
MSVOA_X
ClientSampleId :
ICVVX010819

Tgt Ion:128 Resp: 1498787
Ion Ratio Lower Upper
128 100
127 12.8 10.1 15.1
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 50.350 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX006954.D
Acq: 08 Jan 2019 14:11

Tgt Ion:180 Resp: 480108
Ion Ratio Lower Upper
180 100
182 95.9 48.5 145.5
145 30.4 16.0 47.9

