

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041519\
 Data File : VX008955.D
 Acq On : 15 Apr 2019 11:55
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 16 01:45:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 16 01:38:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	206251	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	334017	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	292046	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	151053	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	426276	144.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	288.60%	
35) Dibromofluoromethane	5.50	113	320341	151.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	302.02%	
50) Toluene-d8	8.72	98	1246150	147.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	295.00%	
62) 4-Bromofluorobenzene	11.14	95	455696	152.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	304.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	392451	164.699	ug/l	99
3) Chloromethane	1.32	50	452635	139.776	ug/l	98
4) Vinyl Chloride	1.41	62	444825	141.548	ug/l	98
5) Bromomethane	1.64	94	292899	168.814	ug/l	99
6) Chloroethane	1.70	64	263782	126.279	ug/l	95
7) Trichlorofluoromethane	1.92	101	500701	143.411	ug/l	99
8) Diethyl Ether	2.19	74	231466	140.864	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	324044	144.911	ug/l	99
10) Methyl Iodide	2.50	142	375631	197.682	ug/l	99
11) Tert butyl alcohol	3.08	59	504139	733.952	ug/l	99
12) 1,1-Dichloroethene	2.36	96	335050	143.129	ug/l	100
13) Acrolein	2.29	56	442482	1124.182	ug/l	100
14) Allyl chloride	2.72	41	765106	143.291	ug/l	99
15) Acrylonitrile	3.15	53	1221450	672.103	ug/l	100
16) Acetone	2.45	43	1061271	633.507	ug/l	98
17) Carbon Disulfide	2.56	76	1011140	134.565	ug/l	100
18) Methyl Acetate	2.78	43	548524	133.810	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	1221772	146.611	ug/l	100
20) Methylene Chloride	2.85	84	370432	130.952	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	359083	141.657	ug/l	98
22) Diisopropyl ether	3.86	45	1426342	138.898	ug/l	90
23) Vinyl Acetate	3.82	43	6539577	730.749	ug/l	100
24) 1,1-Dichloroethane	3.70	63	727279	143.138	ug/l	100
25) 2-Butanone	4.68	43	1794080	674.275	ug/l	98
26) 2,2-Dichloropropane	4.58	77	555033	153.882	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	413135	142.321	ug/l	100
28) Bromochloromethane	5.02	49	281399	117.635	ug/l	99
29) Tetrahydrofuran	5.13	42	1199207	676.623	ug/l	100
30) Chloroform	5.21	83	648551	142.635	ug/l	100
31) Cyclohexane	5.58	56	718489	141.031	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	558340	151.587	ug/l	99
36) 1,1-Dichloropropene	5.80	75	527706	146.925	ug/l	99
37) Ethyl Acetate	4.84	43	692023	144.918	ug/l	100
38) Carbon Tetrachloride	5.79	117	473169	158.848	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	659625	148.486	ug/l	98
40) Benzene	6.14	78	1558976	145.718	ug/l	99
41) Methacrylonitrile	5.05	41	393646	142.958	ug/l	100
42) 1,2-Dichloroethane	6.19	62	551070	143.749	ug/l	99
43) Isopropyl Acetate	6.45	43	1110936	148.204	ug/l	100
44) Trichloroethene	7.21	130	379814	151.645	ug/l	99
45) 1,2-Dichloropropane	7.51	63	437556	143.799	ug/l	99
46) Dibromomethane	7.66	93	252438	142.543	ug/l	99
47) Bromodichloromethane	7.90	83	516852	154.789	ug/l	100
48) Methyl methacrylate	7.77	41	548884	145.108	ug/l	99
49) 1,4-Dioxane	7.74	88	200663	2851.713	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	3406775	707.340	ug/l	99
52) Toluene	8.79	92	913078	144.806	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	608949	162.094	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	665708	155.546	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	359306	141.859	ug/l	99
56) Ethyl methacrylate	9.18	69	678408	148.531	ug/l	100
57) 1,3-Dichloropropane	9.37	76	639934	141.015	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	1763872	749.061	ug/l	100
59) 2-Hexanone	9.49	43	2676646	714.739	ug/l	99
60) Dibromochloromethane	9.59	129	379151	158.538	ug/l	99
61) 1,2-Dibromoethane	9.67	107	375138	142.305	ug/l	99
64) Tetrachloroethene	9.34	164	325681	151.165	ug/l	98
65) Chlorobenzene	10.14	112	929540	146.103	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	344590	154.441	ug/l	99
67) Ethyl Benzene	10.25	91	1737869	146.896	ug/l	99
68) m/p-Xylenes	10.36	106	1273112	298.863	ug/l	100
69) o-Xylene	10.70	106	615858	149.140	ug/l	100
70) Styrene	10.71	104	1092320	153.442	ug/l	99
71) Bromoform	10.86	173	297319	173.601	ug/l #	98
73) Isopropylbenzene	11.02	105	1633685	133.592	ug/l	100
74) N-amyl acetate	10.90	43	1015198	141.199	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	604316	130.286	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	743094	183.412	ug/l	78
77) Bromobenzene	11.26	156	408488	138.171	ug/l	99
78) n-propylbenzene	11.36	91	1939782	136.302	ug/l	99
79) 2-Chlorotoluene	11.42	91	1135827	131.947	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1415106	138.078	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	233469	157.539	ug/l	98
82) 4-Chlorotoluene	11.51	91	1347693	135.183	ug/l	99
83) tert-Butylbenzene	11.77	119	1384524	140.259	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	1435705	138.282	ug/l	99
85) sec-Butylbenzene	11.94	105	1629972	138.996	ug/l	99
86) p-Isopropyltoluene	12.07	119	1505834	142.628	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	745092	140.850	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	748286	139.470	ug/l	99
89) n-Butylbenzene	12.39	91	1450017	146.602	ug/l	100
90) Hexachloroethane	12.60	117	264780	151.062	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	748262	142.482	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	147179	143.819	ug/l	99

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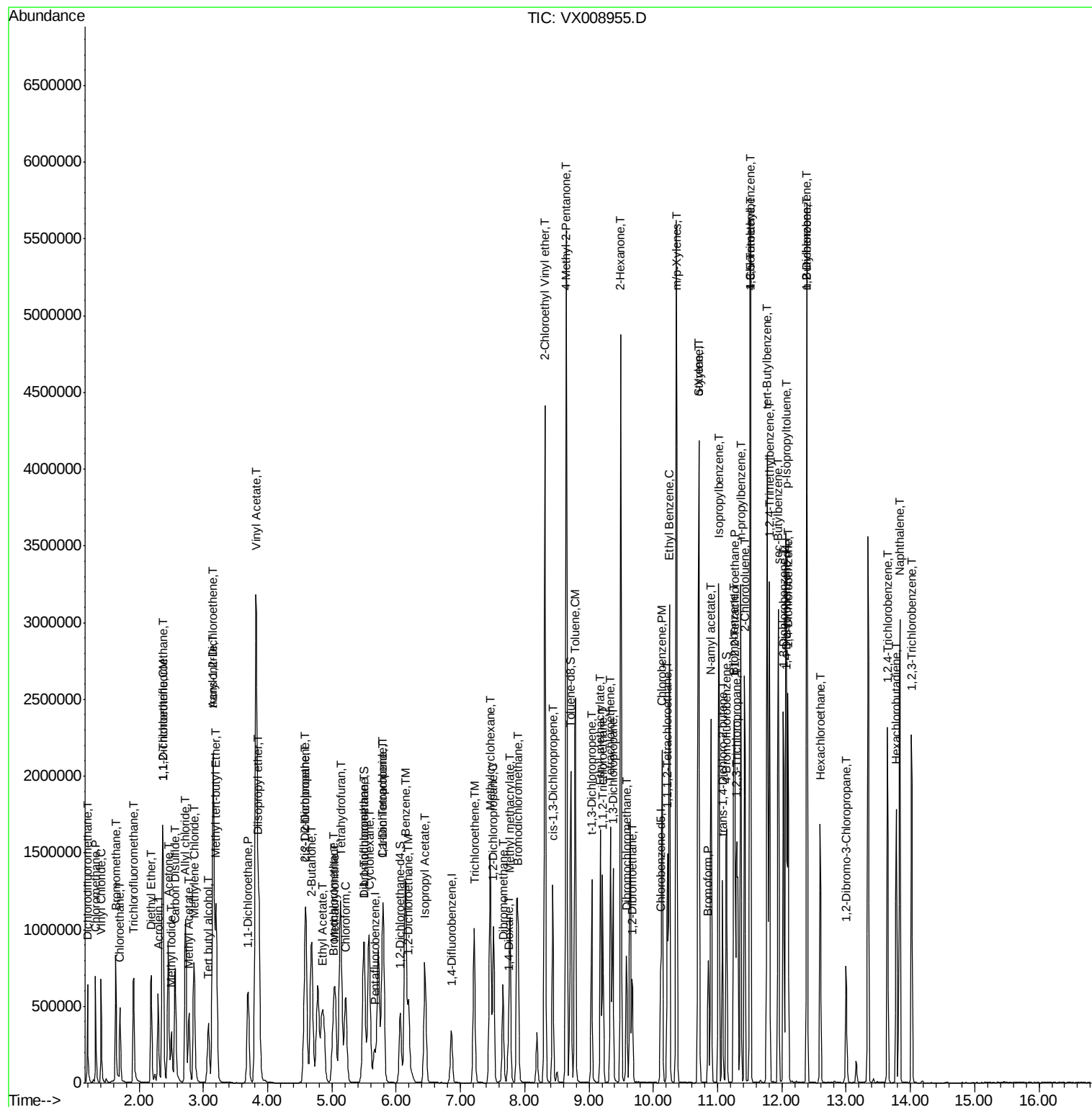
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	553609	150.335	ug/l	100
94) Hexachlorobutadiene	13.78	225	270262	153.130	ug/l	100
95) Naphthalene	13.83	128	1779305	145.904	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	545247	148.500	ug/l	100

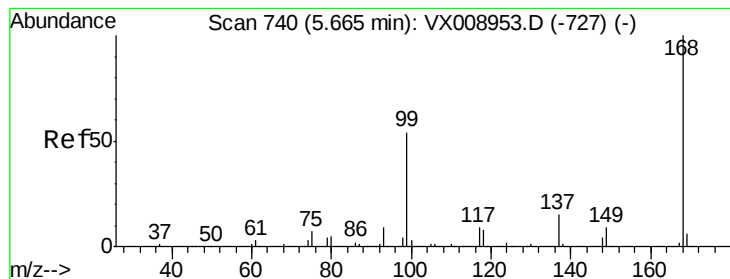
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX041519\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX008955.D

Acq: 15 Apr 2019 11:55

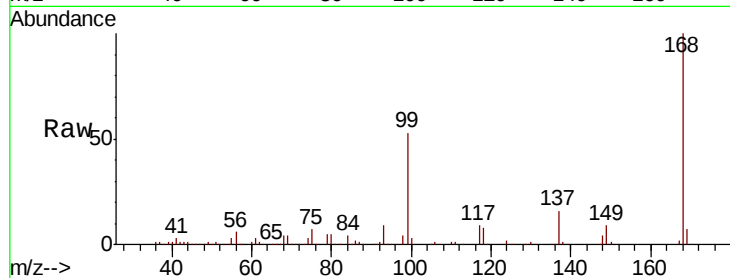
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:168 Resp: 206251

Ion Ratio Lower Upper

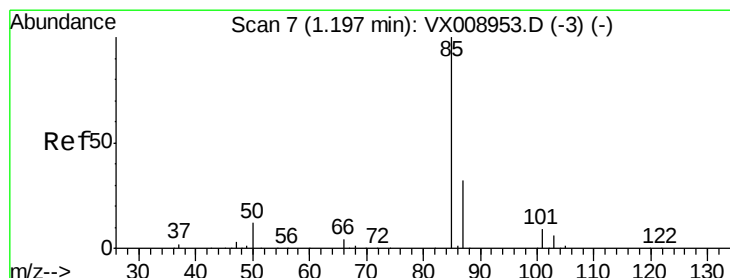
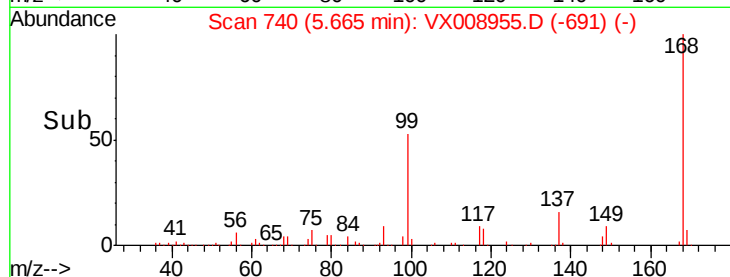
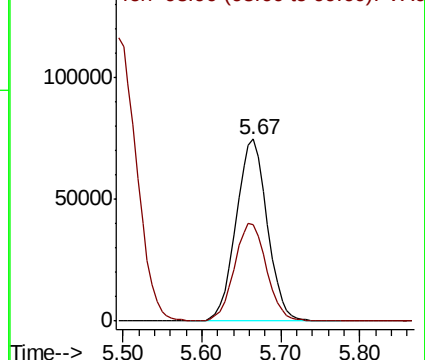
168 100

99 52.9 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 164.699 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX008955.D

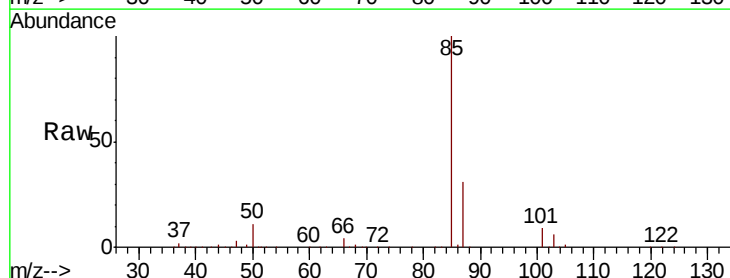
Acq: 15 Apr 2019 11:55

Tgt Ion: 85 Resp: 392451

Ion Ratio Lower Upper

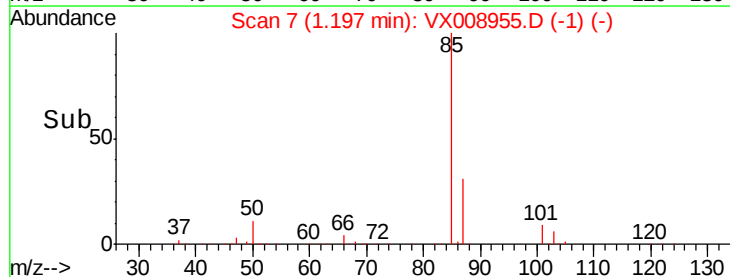
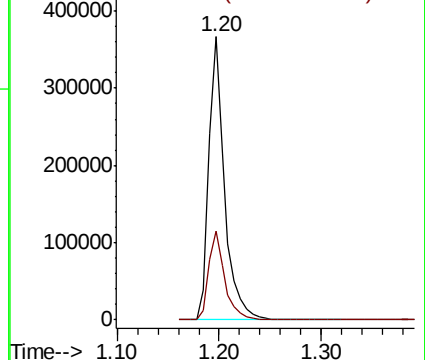
85 100

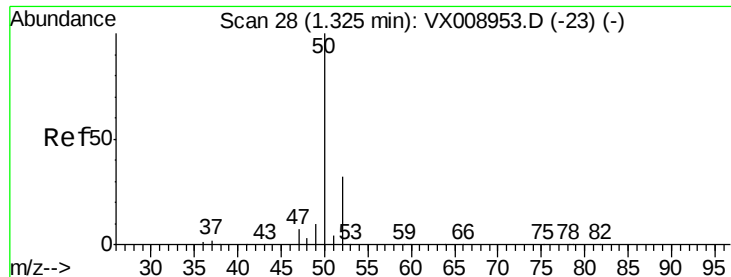
87 31.3 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 139.776 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX008955.D

Acq: 15 Apr 2019 11:55

Instrument :

MSVOA_X

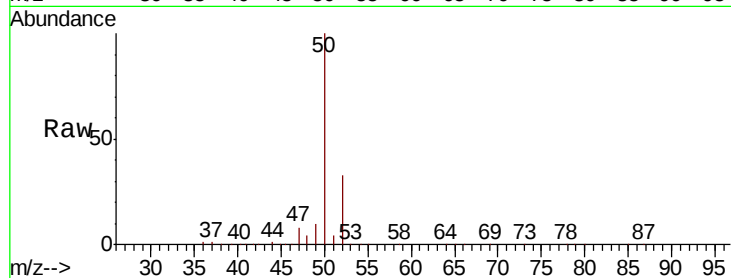
ClientSampleId :

Tot Ion: 50 Resp: 452635

Ion Ratio Lower Upper

50 100

52 32.8 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

400000

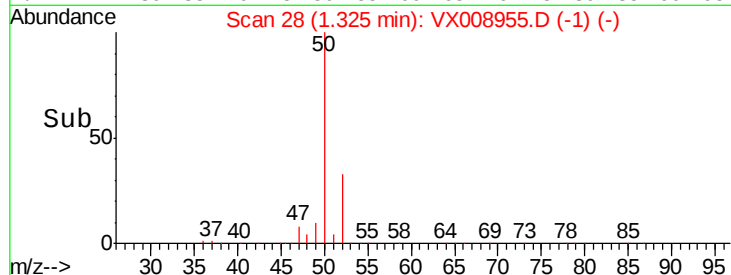
300000

200000

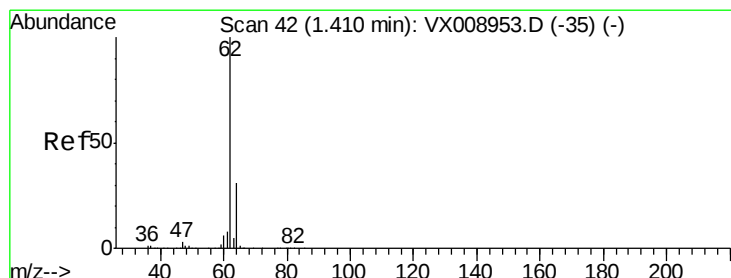
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Time-->



Time-->



#4

Vinyl Chloride

Concen: 141.548 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX008955.D

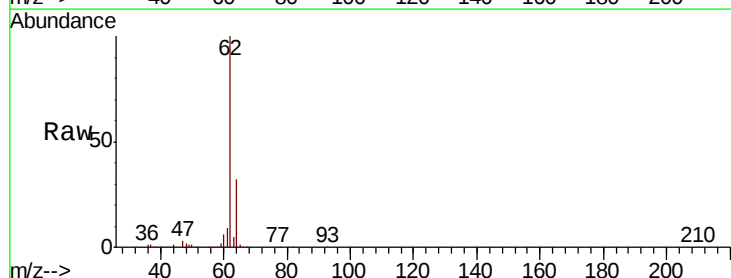
Acq: 15 Apr 2019 11:55

Tgt Ion: 62 Resp: 444825

Ion Ratio Lower Upper

62 100

64 32.2 25.0 37.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

400000

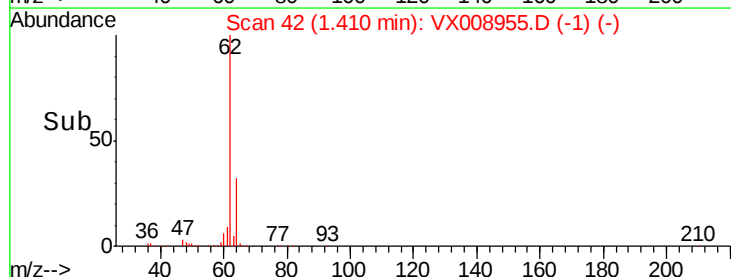
300000

200000

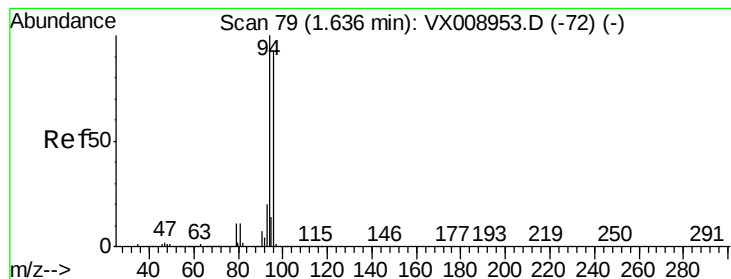
100000

0

Time-->



Time-->



#5

Bromomethane

Concen: 168.814 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX008955.D

Acq: 15 Apr 2019 11:55

Instrument :

MSVOA_X

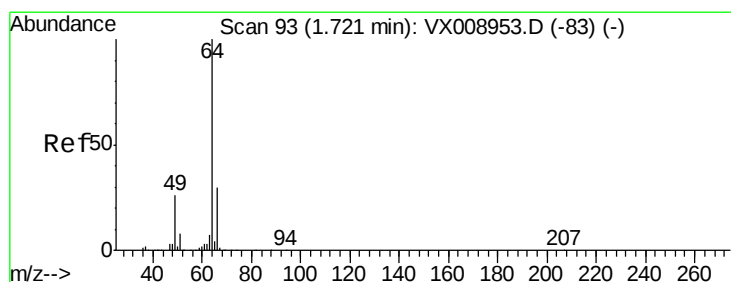
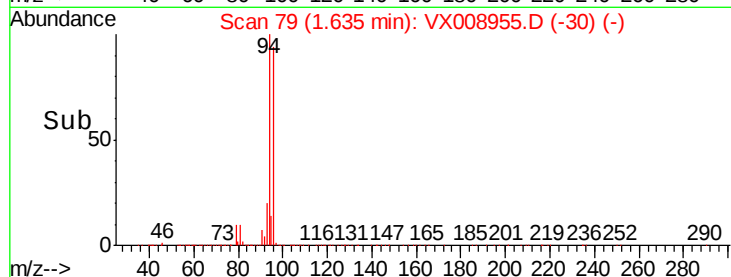
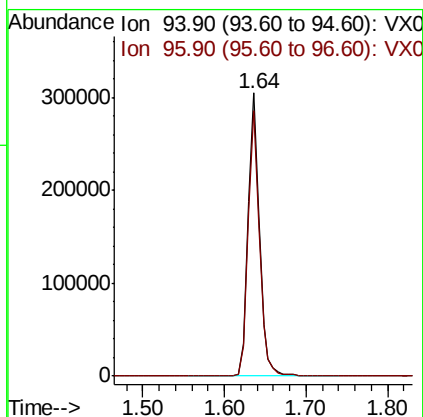
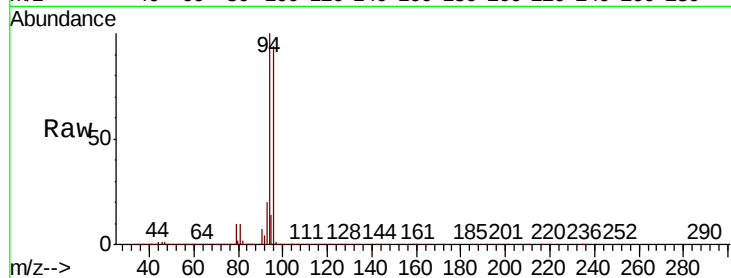
ClientSampleId :

Tot Ion: 94 Resp: 292899

Ion Ratio Lower Upper

94 100

96 93.7 73.9 110.9



#6

Chloroethane

Concen: 126.279 ug/l

RT: 1.70 min Scan# 90

Delta R.T. -0.02 min

Lab File: VX008955.D

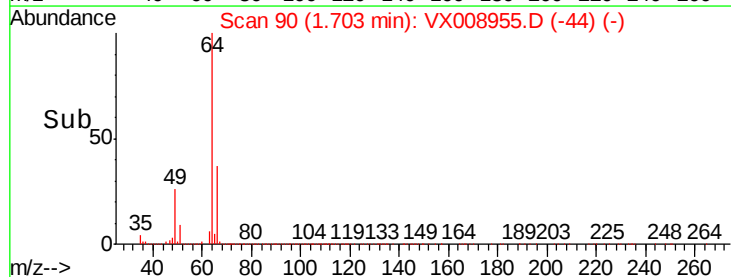
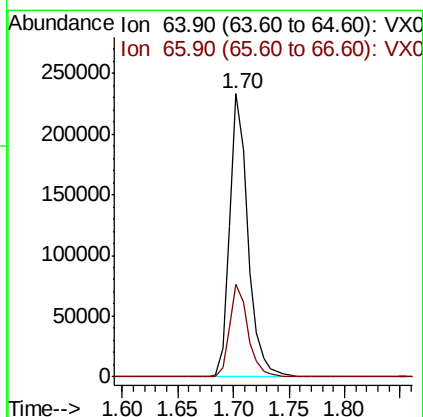
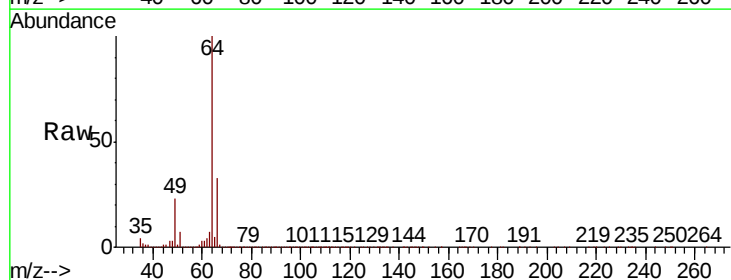
Acq: 15 Apr 2019 11:55

Tgt Ion: 64 Resp: 263782

Ion Ratio Lower Upper

64 100

66 32.8 24.2 36.2



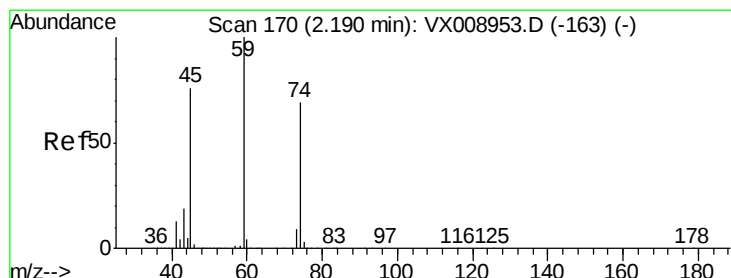
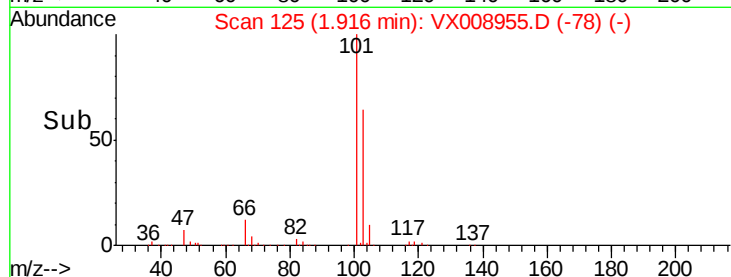
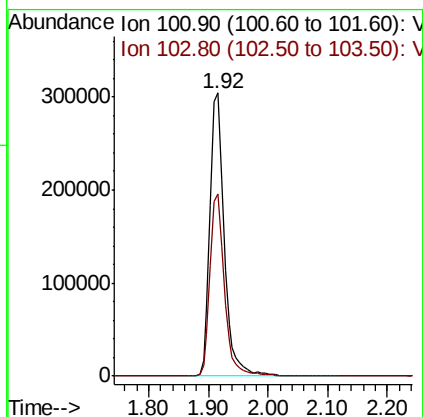
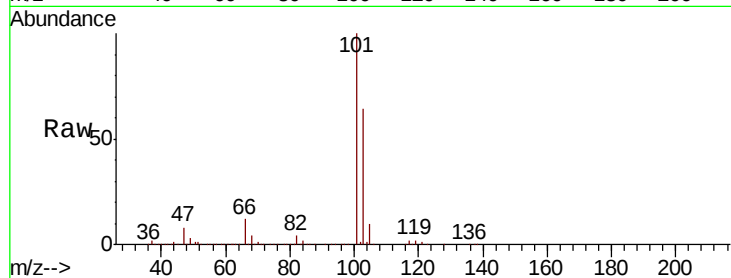


#7

Trichlorofluoromethane
 Concen: 143.411 ug/l
 RT: 1.92 min Scan# 125
 Delta R.T. -0.01 min
 Lab File: VX008955.D
 Acq: 15 Apr 2019 11:55

Instrument :
 MSVOA_X
 ClientSampleId :

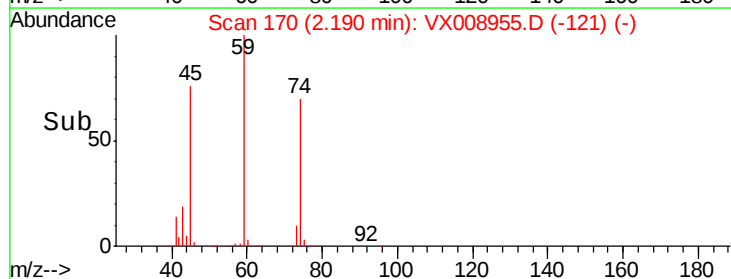
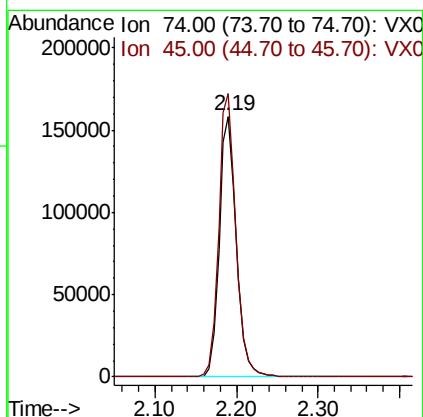
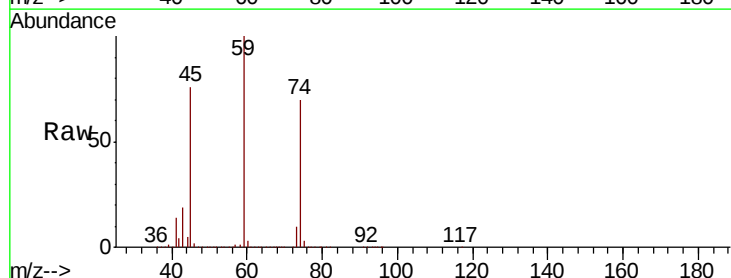
Tot Ion:101 Resp: 500701
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.0 76.6

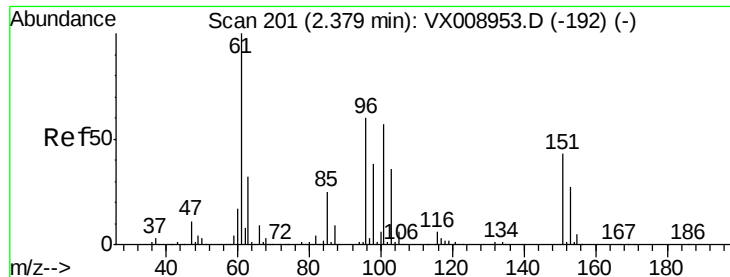


#8

Diethyl Ether
 Concen: 140.864 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX008955.D
 Acq: 15 Apr 2019 11:55

Tgt Ion: 74 Resp: 231466
 Ion Ratio Lower Upper
 74 100
 45 109.1 54.9 164.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 144.911 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.01 min

Lab File: VX008955.D

Acq: 15 Apr 2019 11:55

Instrument :

MSVOA_X

ClientSampled :

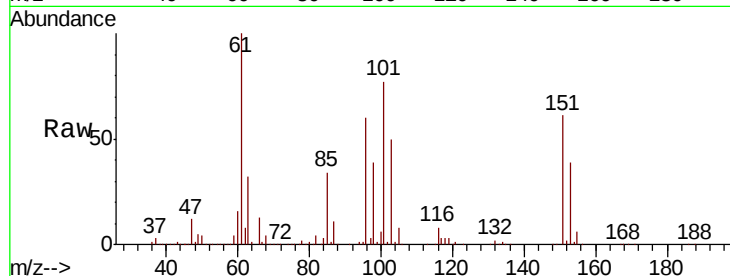
Tot Ion:101 Resp: 324044

Ion Ratio Lower Upper

101 100

85 44.0 35.7 53.5

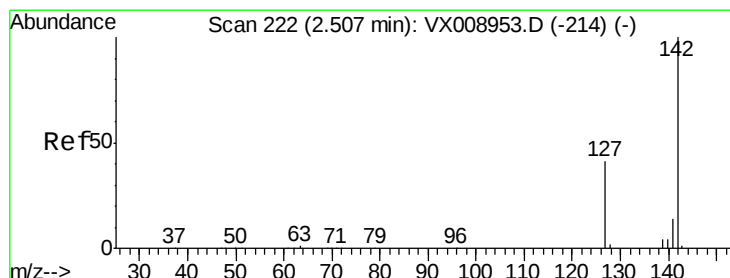
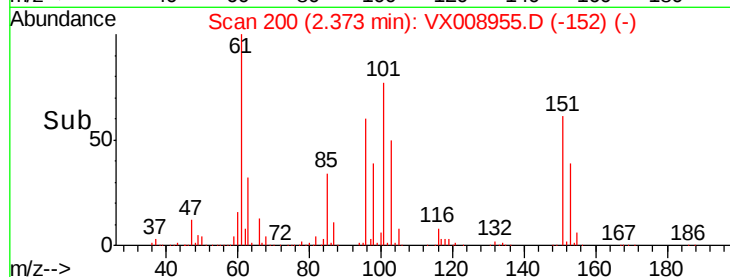
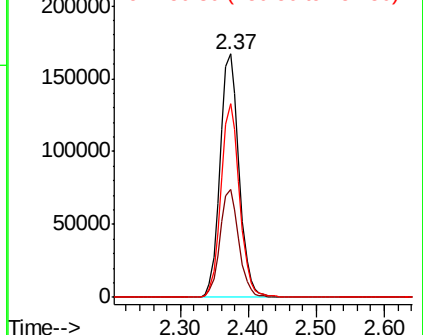
151 77.8 62.7 94.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 197.682 ug/l

RT: 2.50 min Scan# 221

Delta R.T. -0.01 min

Lab File: VX008955.D

Acq: 15 Apr 2019 11:55

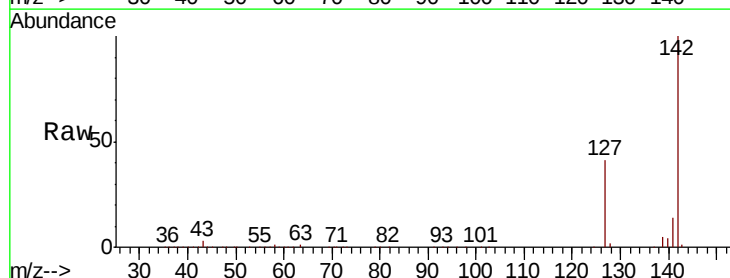
Tgt Ion:142 Resp: 375631

Ion Ratio Lower Upper

142 100

127 40.4 32.8 49.2

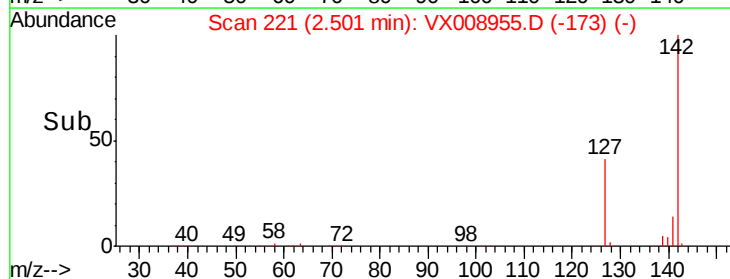
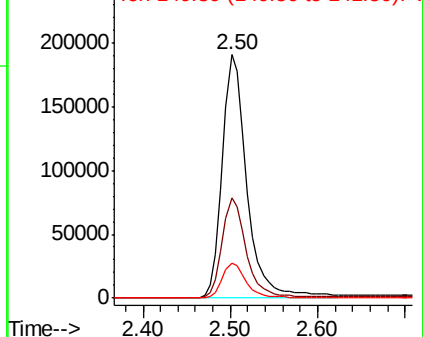
141 14.3 11.4 17.2

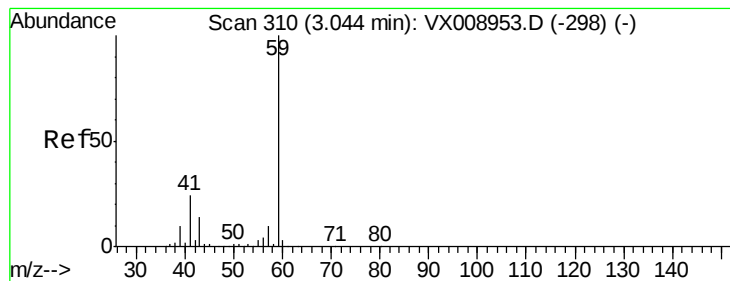


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



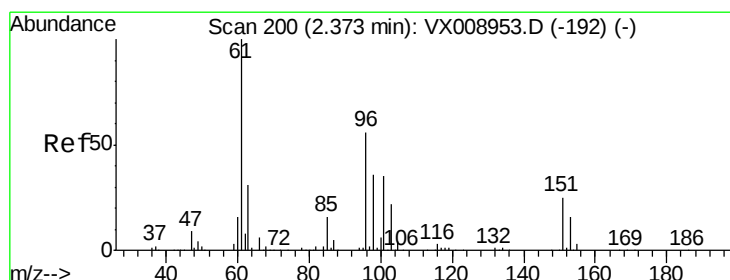
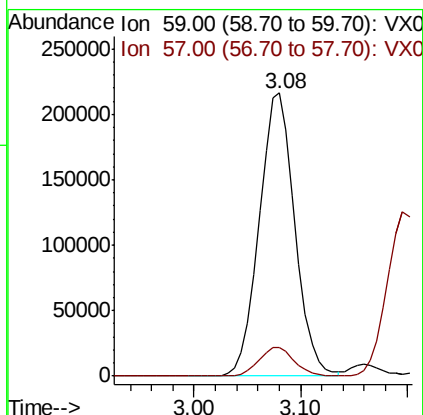
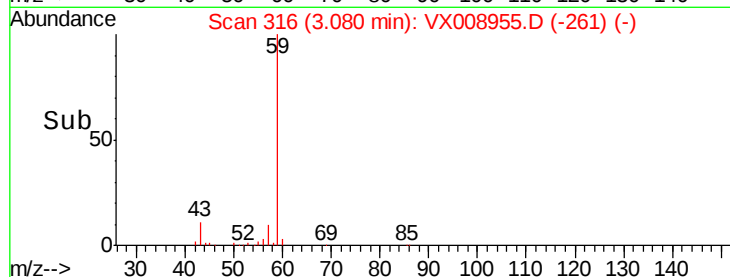
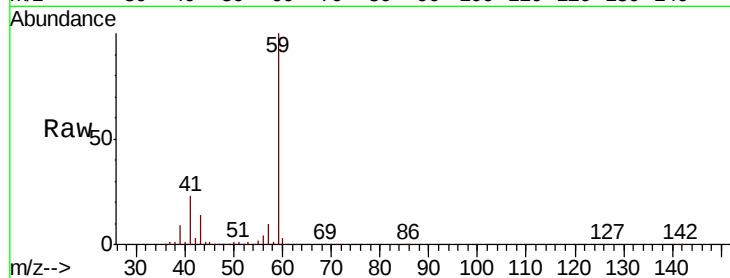


#11

Tert butyl alcohol
 Concen: 733.952 ug/l
 RT: 3.08 min Scan# 316
 Delta R.T. 0.04 min
 Lab File: VX008955.D
 Acq: 15 Apr 2019 11:55

Instrument :
 MSVOA_X
 ClientSampleId :

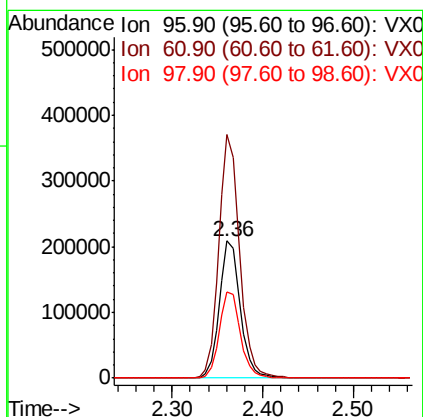
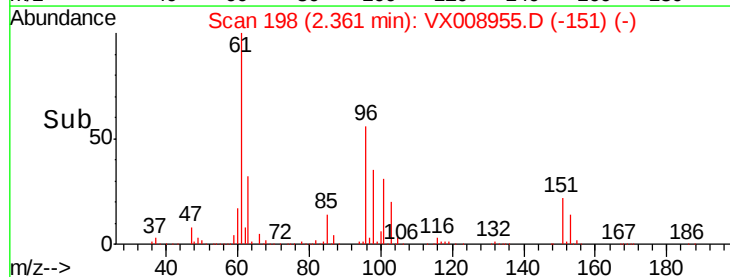
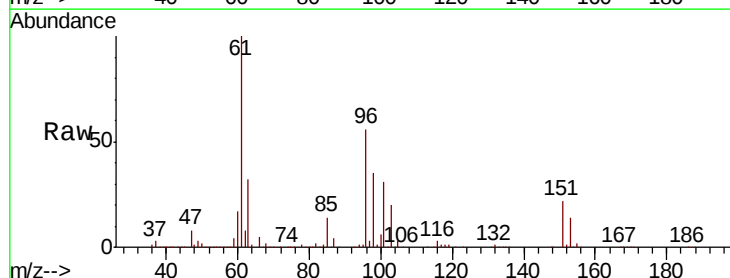
Tot Ion: 59 Resp: 504139
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.4 12.6

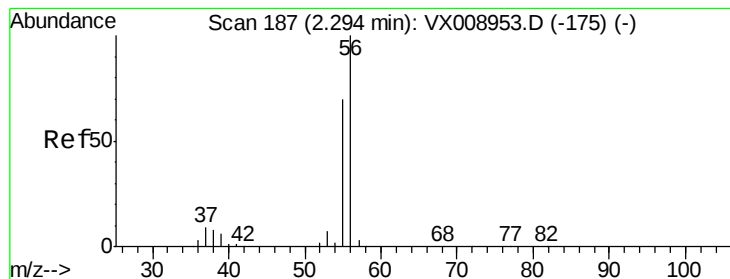


#12

1,1-Dichloroethene
 Concen: 143.129 ug/l
 RT: 2.36 min Scan# 198
 Delta R.T. -0.01 min
 Lab File: VX008955.D
 Acq: 15 Apr 2019 11:55

Tgt Ion: 96 Resp: 335050
 Ion Ratio Lower Upper
 96 100
 61 177.6 142.2 213.2
 98 63.0 50.9 76.3





#13

Acrolein

Concen: 1124.182 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX008955.D

Acq: 15 Apr 2019 11:55

Instrument :

MSVOA_X

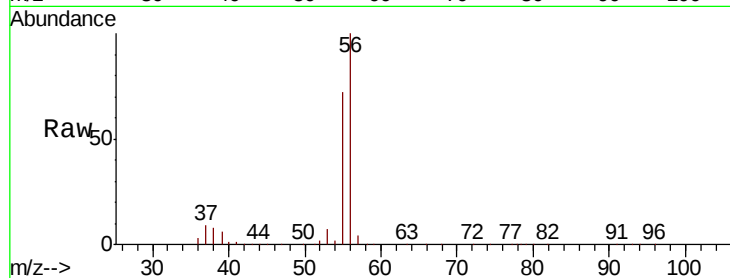
ClientSampleId :

Tot Ion: 56 Resp: 442482

Ion Ratio Lower Upper

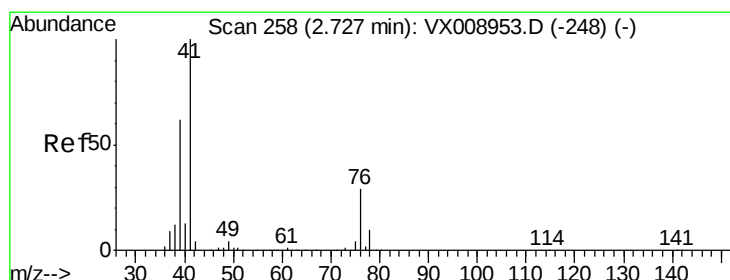
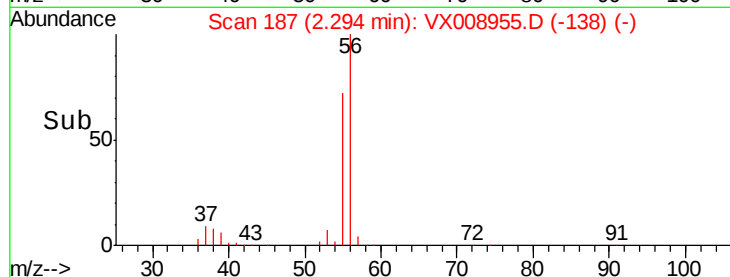
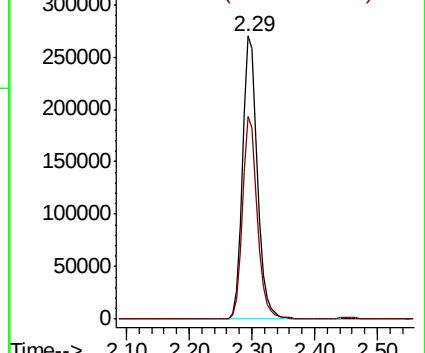
56 100

55 70.8 56.6 84.8



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 143.291 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.01 min

Lab File: VX008955.D

Acq: 15 Apr 2019 11:55

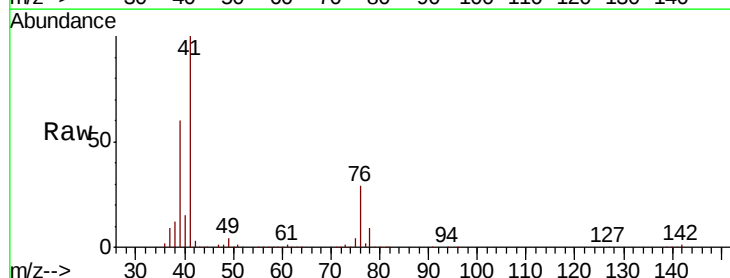
Tgt Ion: 41 Resp: 765106

Ion Ratio Lower Upper

41 100

39 58.2 46.7 70.1

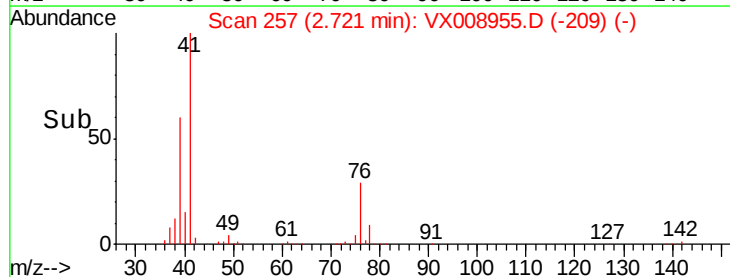
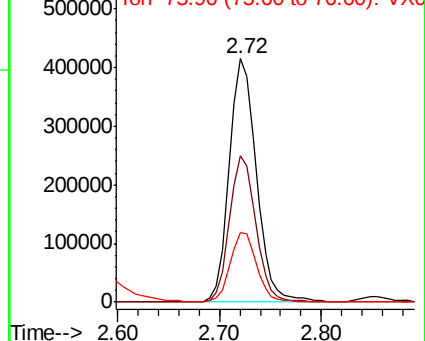
76 28.1 22.0 33.0

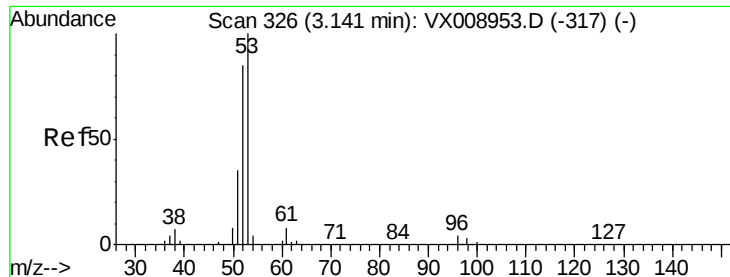


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 672.103 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.01 min

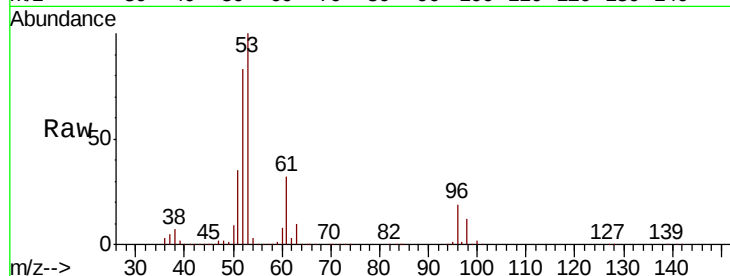
Lab File: VX008955.D

Acq: 15 Apr 2019 11:55

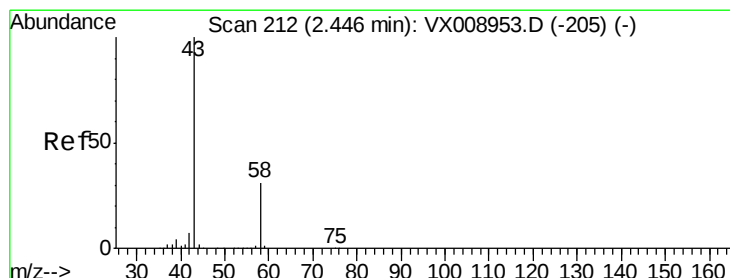
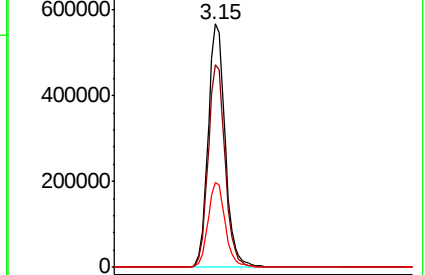
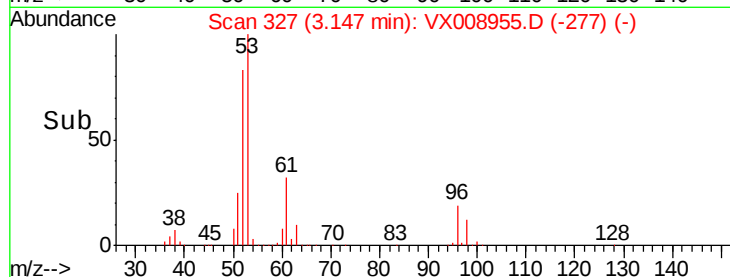
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 53 Resp: 1221450

Ion	Ratio	Lower	Upper
53	100		
52	82.9	66.6	100.0
51	35.5	28.3	42.5



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 633.507 ug/l

RT: 2.45 min Scan# 213

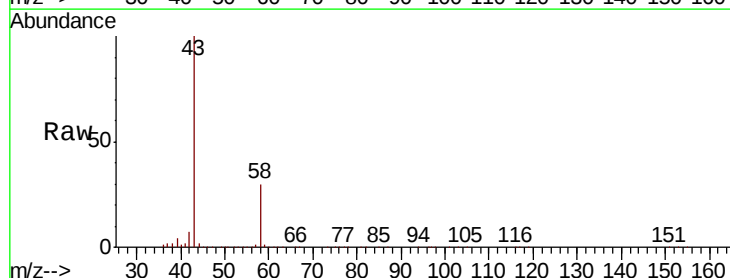
Delta R.T. 0.01 min

Lab File: VX008955.D

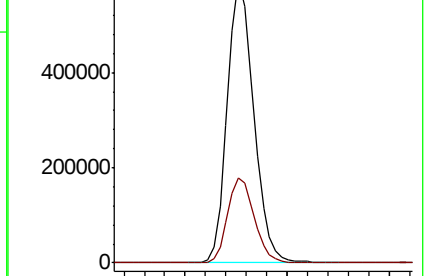
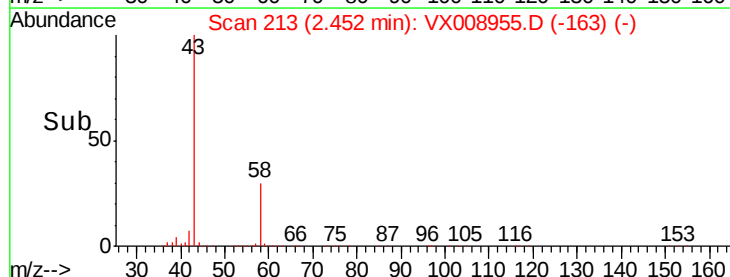
Acq: 15 Apr 2019 11:55

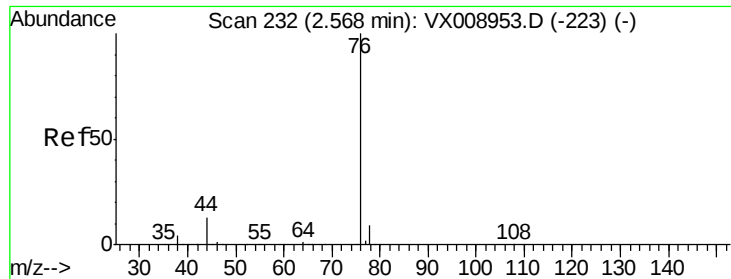
Tgt Ion: 43 Resp: 1061271

Ion	Ratio	Lower	Upper
43	100		
58	30.1	24.8	37.2



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

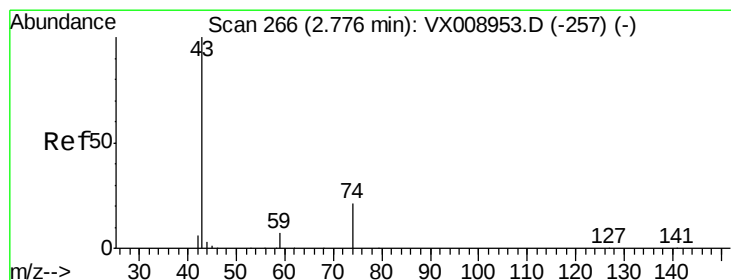
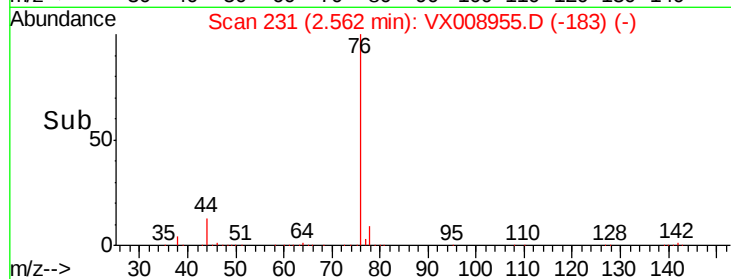
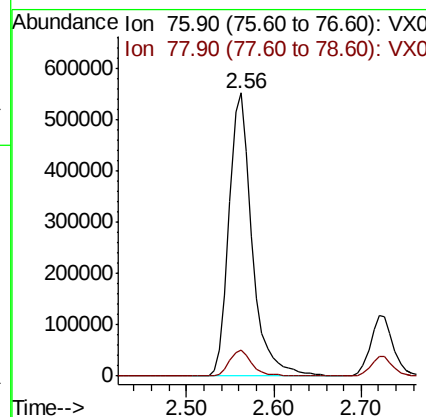
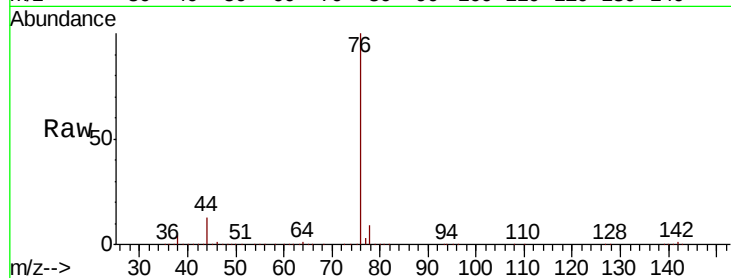




#17
Carbon Disulfide
Concen: 134.565 ug/l
RT: 2.56 min Scan# 231
Delta R.T. -0.01 min
Lab File: VX008955.D
Acq: 15 Apr 2019 11:55

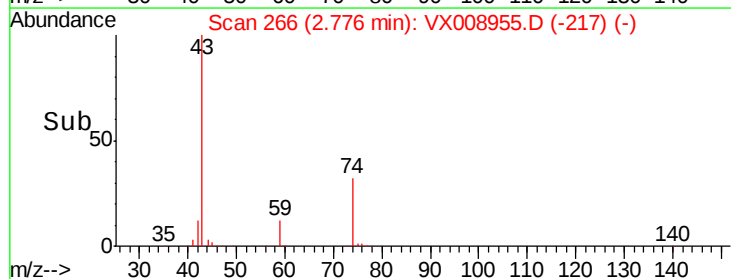
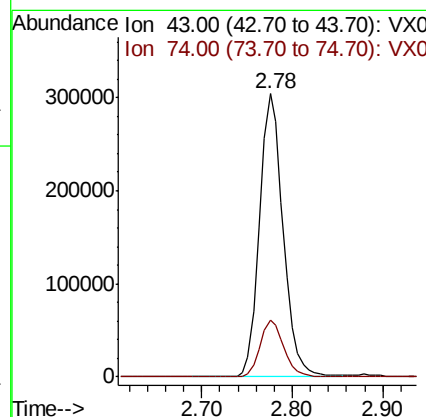
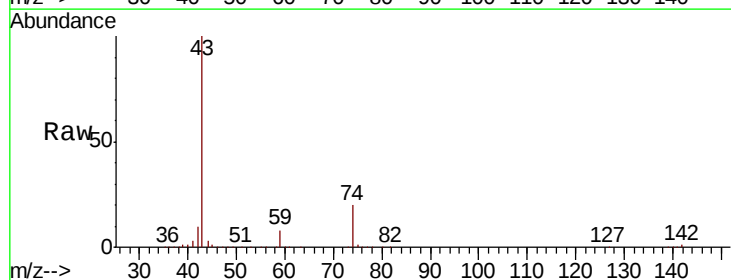
Instrument :
MSVOA_X
ClientSampleId :

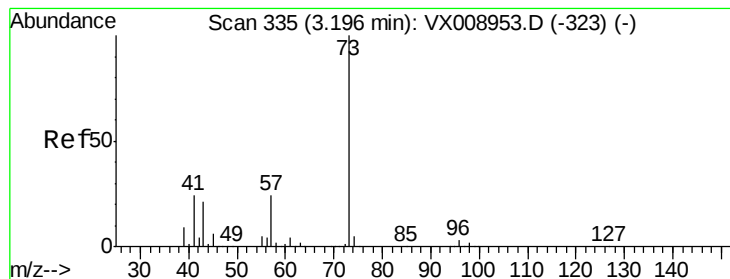
Tot Ion: 76 Resp: 1011140
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8



#18
Methyl Acetate
Concen: 133.810 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX008955.D
Acq: 15 Apr 2019 11:55

Tgt Ion: 43 Resp: 548524
Ion Ratio Lower Upper
43 100
74 20.0 16.6 25.0



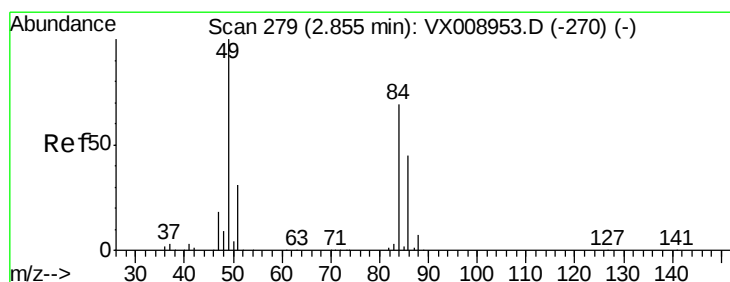
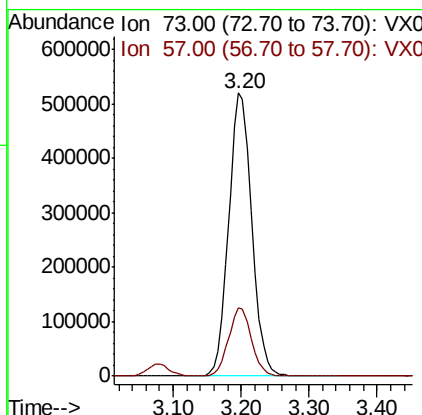
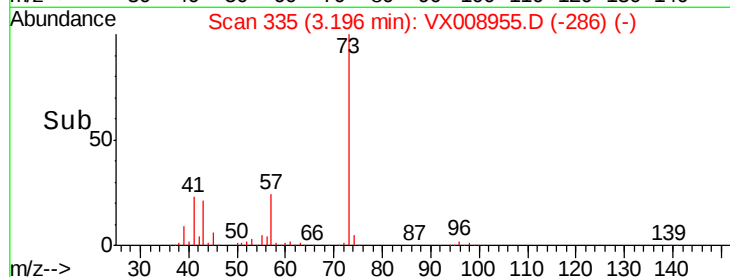
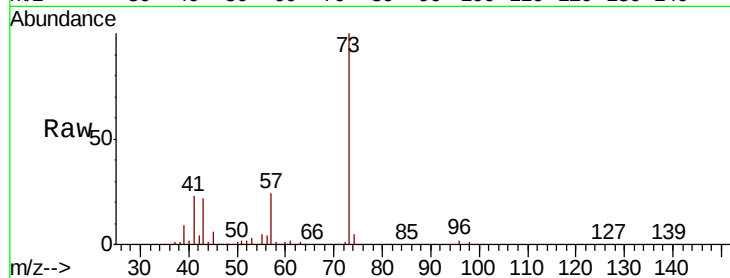


#19

Methyl tert-butyl Ether
 Concen: 146.611 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. -0.00 min
 Lab File: VX008955.D
 Acq: 15 Apr 2019 11:55

Instrument :
 MSVOA_X
 ClientSampled :

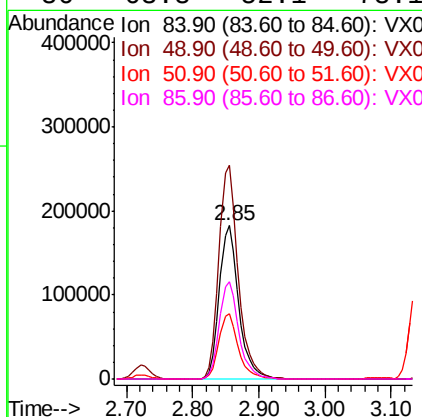
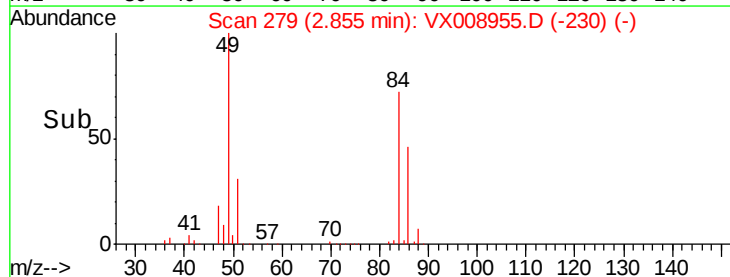
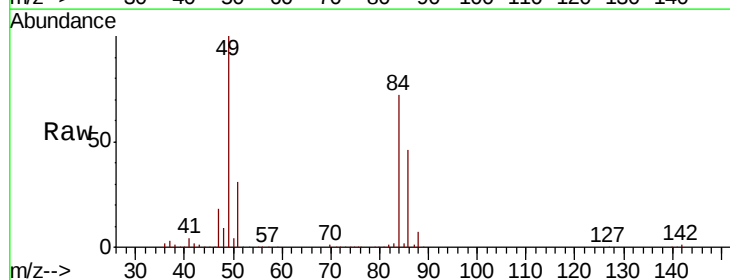
Tot Ion: 73 Resp: 1221772
 Ion Ratio Lower Upper
 73 100
 57 24.1 19.2 28.8

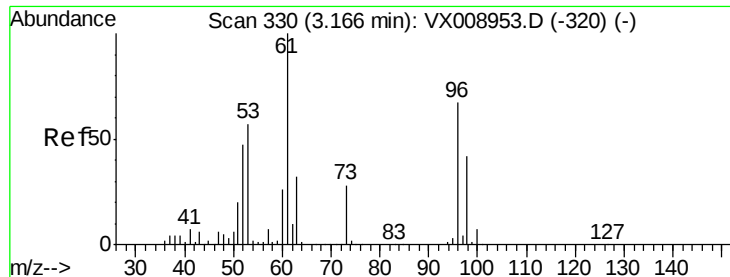


#20

Methylene Chloride
 Concen: 130.952 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX008955.D
 Acq: 15 Apr 2019 11:55

Tgt Ion: 84 Resp: 370432
 Ion Ratio Lower Upper
 84 100
 49 139.3 115.4 173.0
 51 42.7 35.8 53.6
 86 63.8 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 141.657 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX008955.D

Acq: 15 Apr 2019 11:55

Instrument :

MSVOA_X

ClientSampleId :

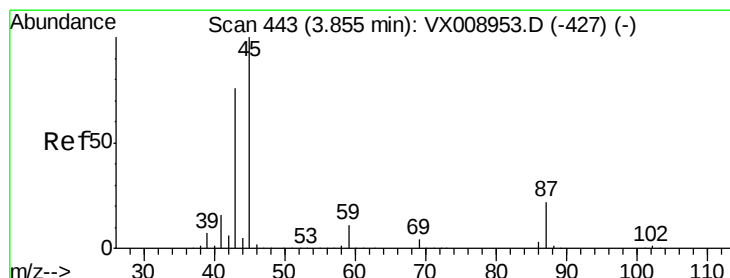
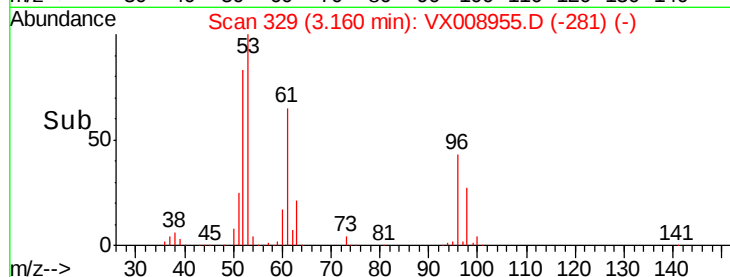
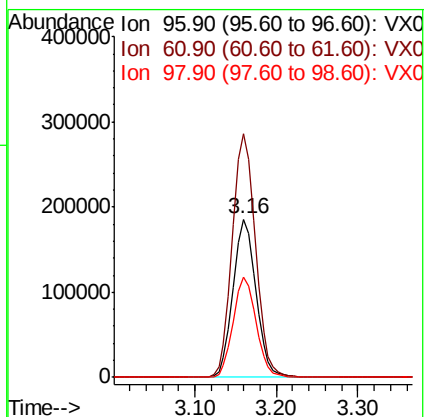
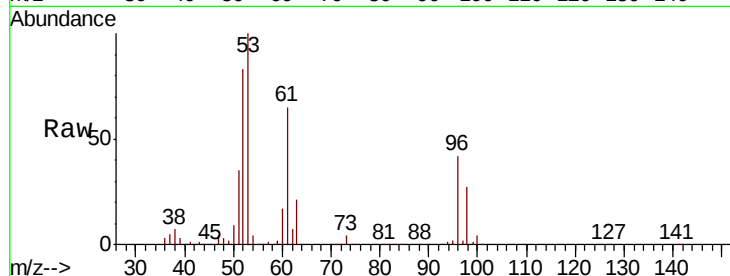
Tot Ion: 96 Resp: 359083

Ion Ratio Lower Upper

96 100

61 153.6 120.3 180.5

98 63.1 50.2 75.2



#22

Diisopropyl ether

Concen: 138.898 ug/l

RT: 3.86 min Scan# 444

Delta R.T. 0.01 min

Lab File: VX008955.D

Acq: 15 Apr 2019 11:55

Tgt Ion: 45 Resp: 1426342

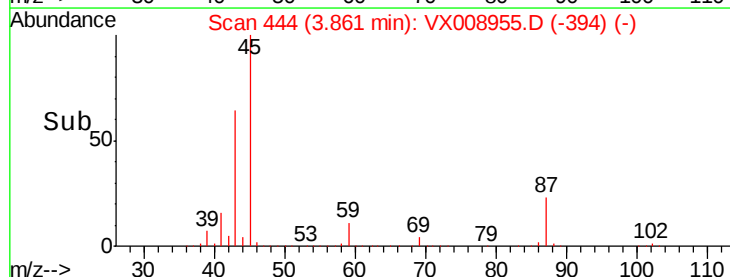
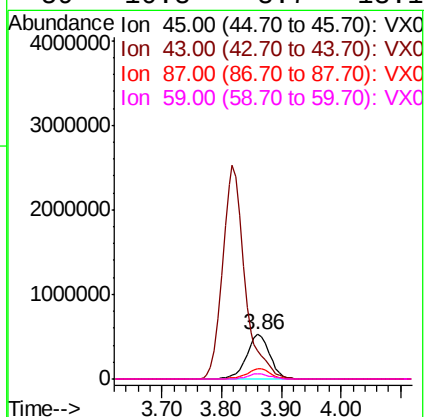
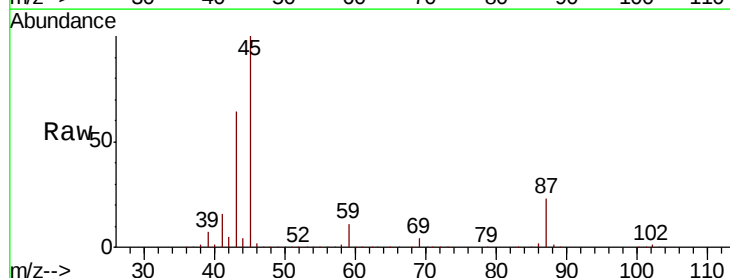
Ion Ratio Lower Upper

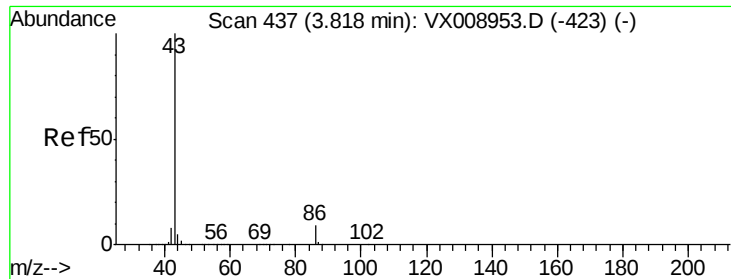
45 100

43 63.5 60.6 91.0

87 22.9 17.8 26.8

59 10.8 8.7 13.1





#23

Vinyl Acetate

Concen: 730.749 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.00 min

Lab File: VX008955.D

Acq: 15 Apr 2019 11:55

Instrument :

MSVOA_X

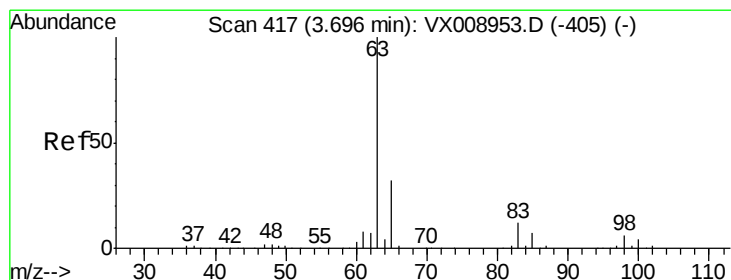
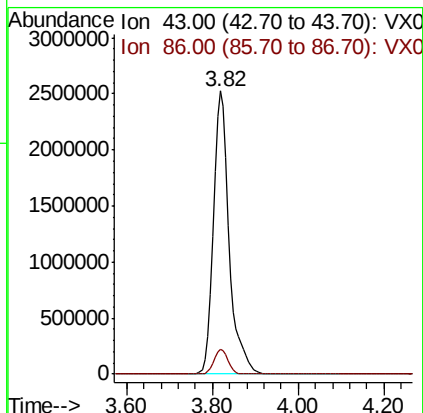
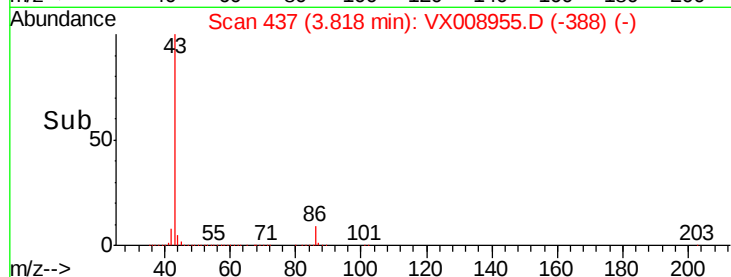
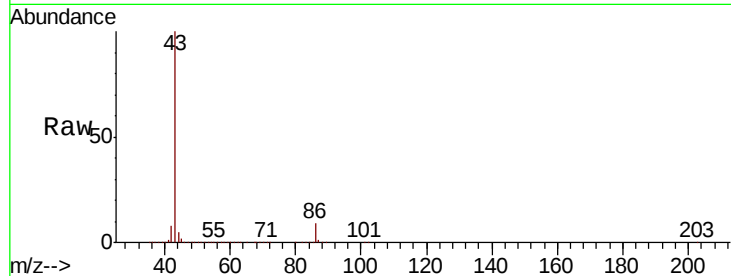
ClientSampleId :

Tot Ion: 43 Resp: 6539577

Ion Ratio Lower Upper

43 100

86 8.8 7.1 10.7



#24

1,1-Dichloroethane

Concen: 143.138 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX008955.D

Acq: 15 Apr 2019 11:55

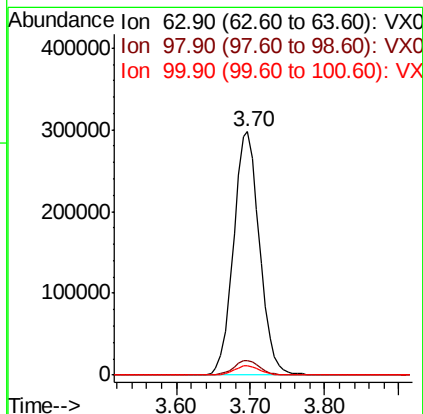
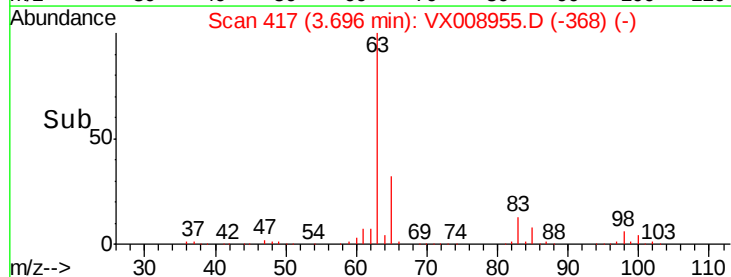
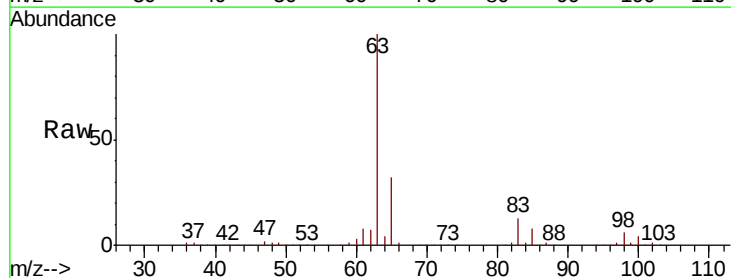
Tgt Ion: 63 Resp: 727279

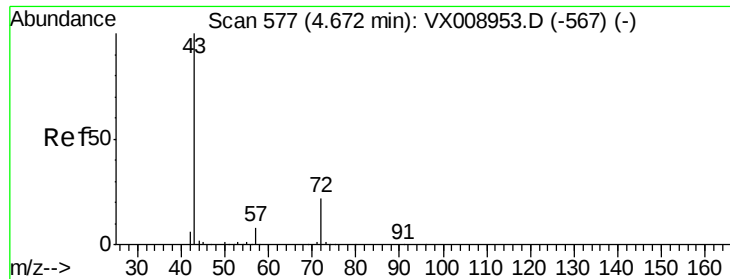
Ion Ratio Lower Upper

63 100

98 6.0 3.1 9.3

100 3.9 1.9 5.7





#25

2-Butanone

Concen: 674.275 ug/l

RT: 4.68 min Scan# 579

Delta R.T. 0.01 min

Lab File: VX008955.D

Acq: 15 Apr 2019 11:55

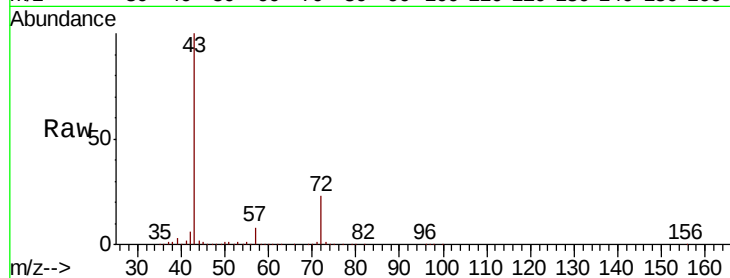
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 1794080

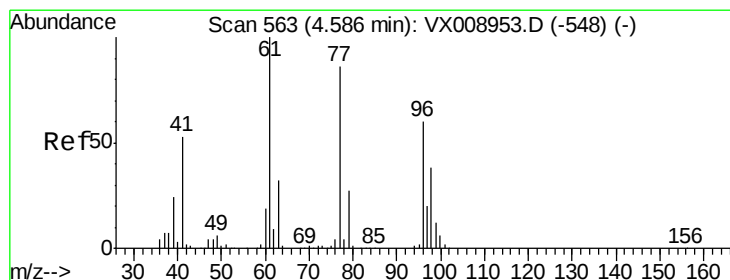
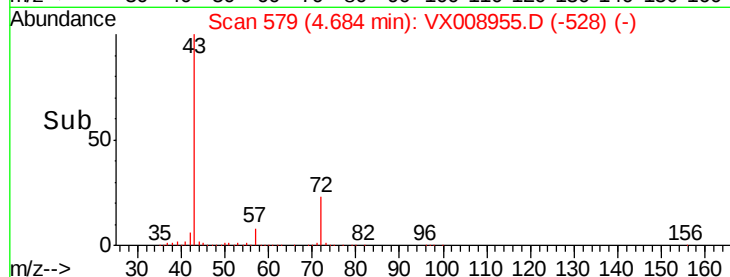
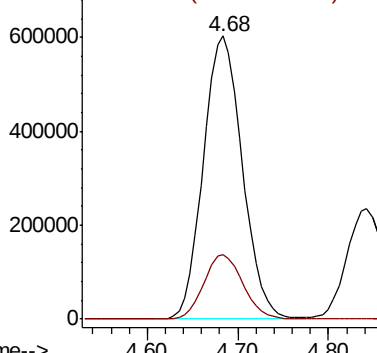
Ion Ratio Lower Upper

43 100

72 22.9 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 153.882 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX008955.D

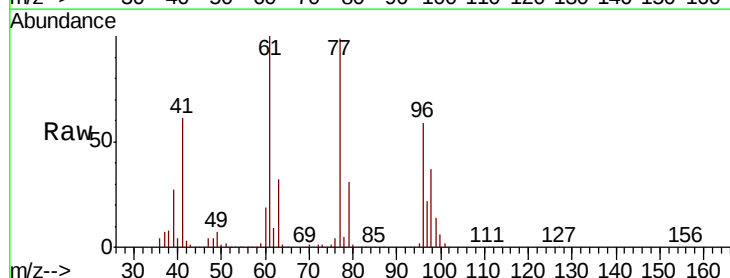
Acq: 15 Apr 2019 11:55

Tgt Ion: 77 Resp: 555033

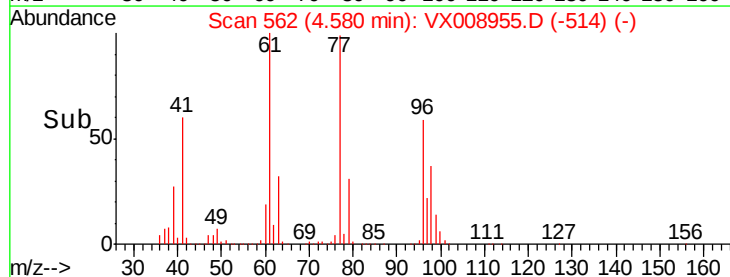
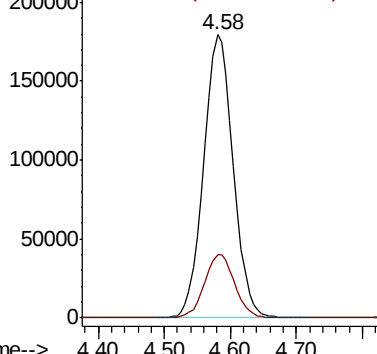
Ion Ratio Lower Upper

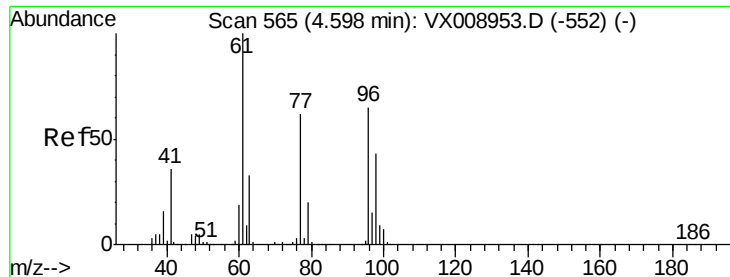
77 100

97 22.8 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0
Ion 96.90 (96.60 to 97.60): VX0



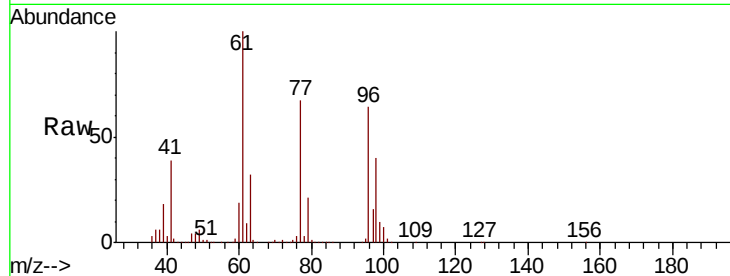


#27

cis-1,2-Dichloroethene
Concen: 142.321 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX008955.D
Acq: 15 Apr 2019 11:55

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	Ratio	Lower	Upper
96	100		
61	160.4	0.0	322.0
98	64.2	0.0	128.4

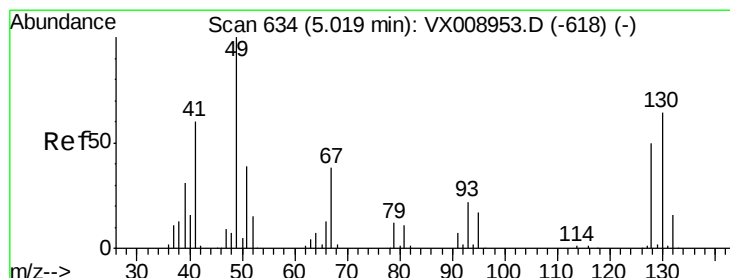
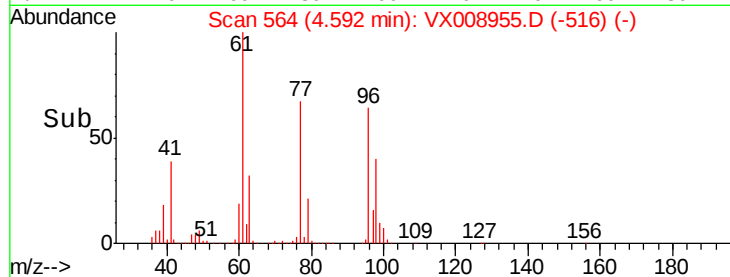
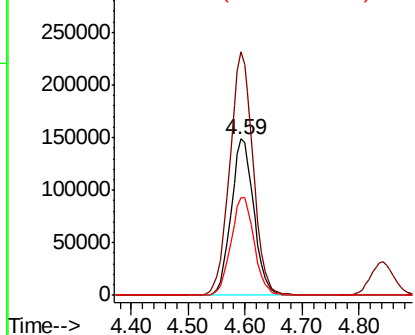


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

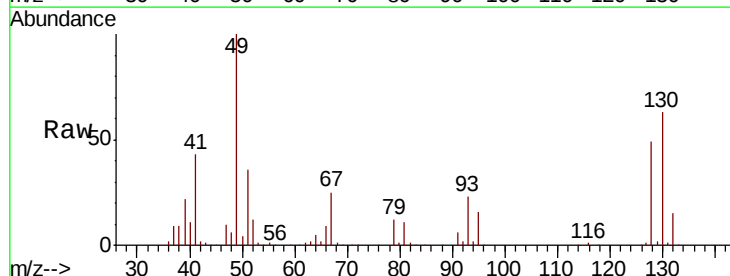
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
Concen: 117.635 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX008955.D
Acq: 15 Apr 2019 11:55

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	3.6
130	63.7	50.4	75.6

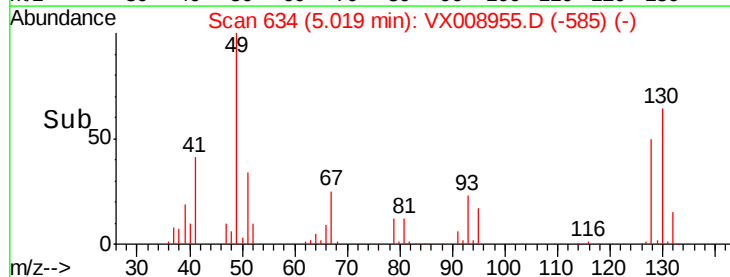
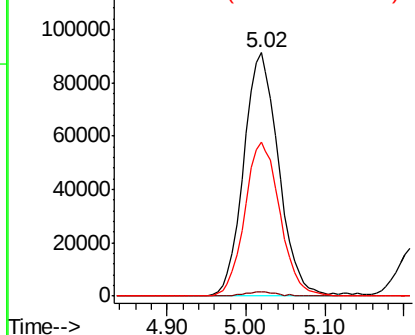


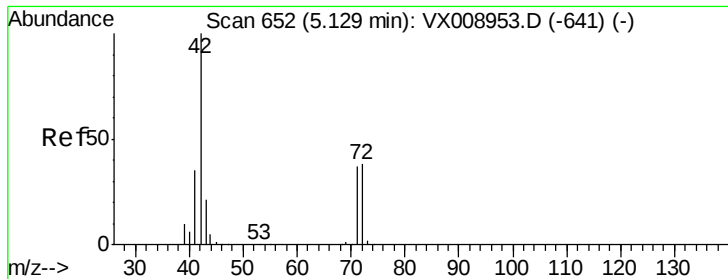
Abundance

Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 676.623 ug/l

RT: 5.13 min Scan# 653

Delta R.T. 0.01 min

Lab File: VX008955.D

Acq: 15 Apr 2019 11:55

Instrument :

MSVOA_X

ClientSampled :

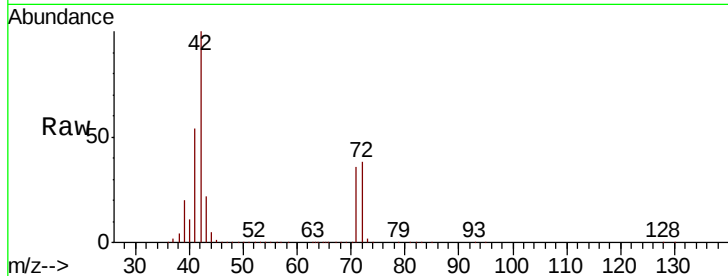
Tot Ion: 42 Resp: 1199207

Ion Ratio Lower Upper

42 100

72 38.2 30.6 45.8

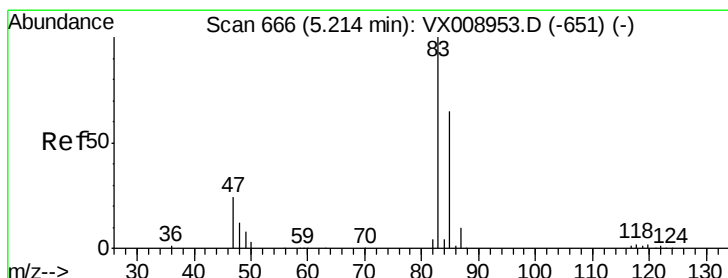
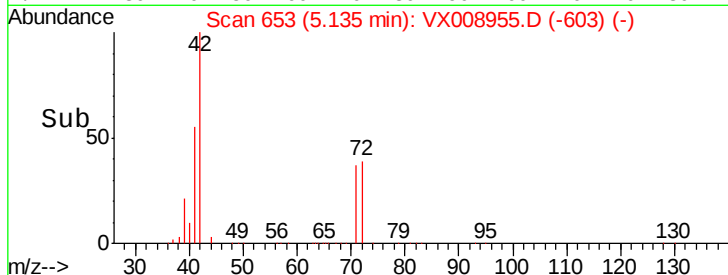
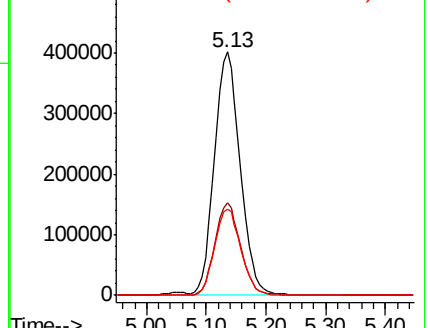
71 36.1 28.8 43.2



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 142.635 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX008955.D

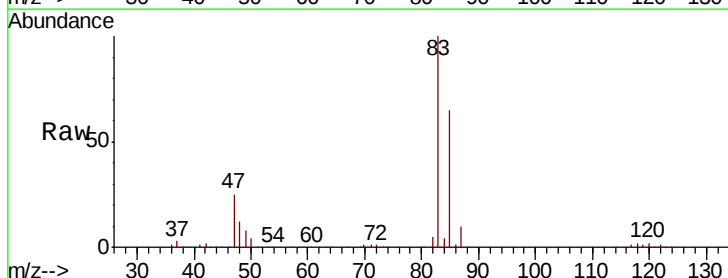
Acq: 15 Apr 2019 11:55

Tgt Ion: 83 Resp: 648551

Ion Ratio Lower Upper

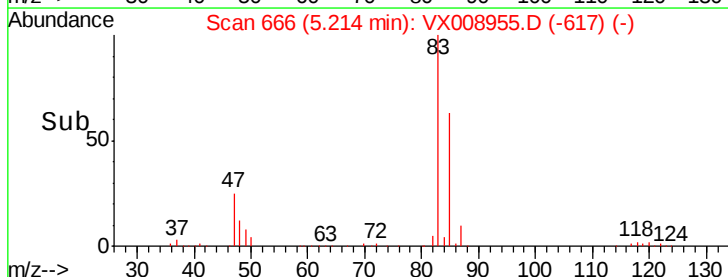
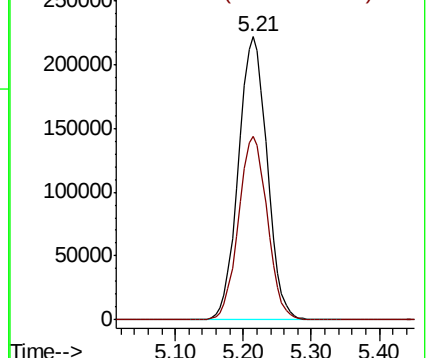
83 100

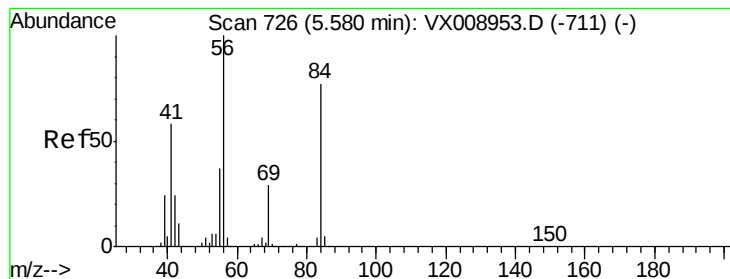
85 64.8 51.9 77.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 141.031 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX008955.D

Acq: 15 Apr 2019 11:55

Instrument :
MSVOA_X
ClientSampleId :

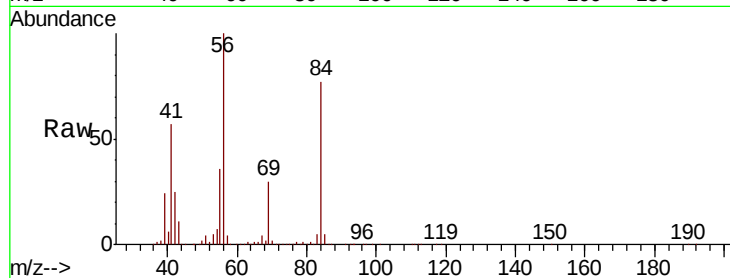
Tot Ion: 56 Resp: 718489

Ion Ratio Lower Upper

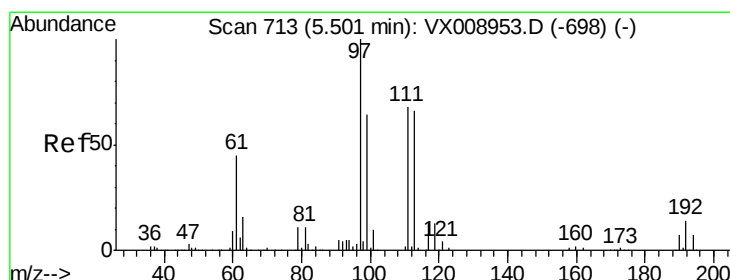
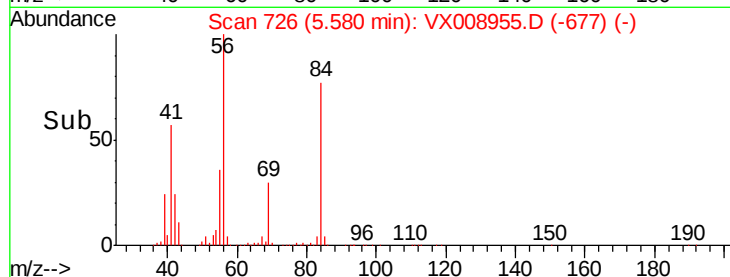
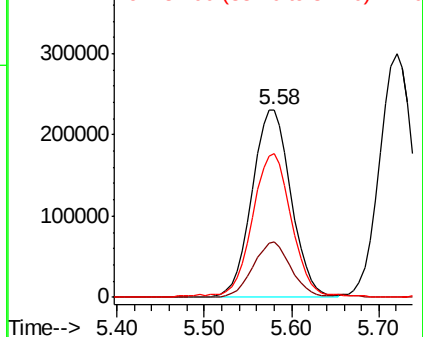
56 100

69 29.5 23.3 34.9

84 75.7 61.7 92.5



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



#32

1,1,1-Trichloroethane

Concen: 151.587 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX008955.D

Acq: 15 Apr 2019 11:55

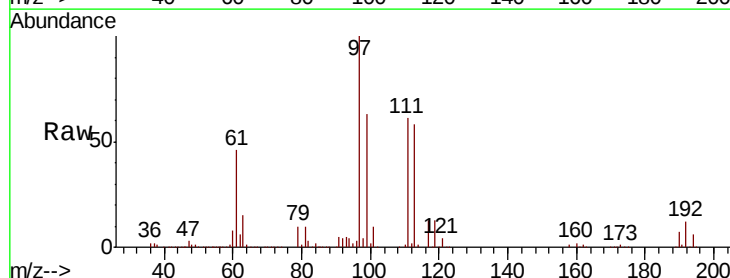
Tgt Ion: 97 Resp: 558340

Ion Ratio Lower Upper

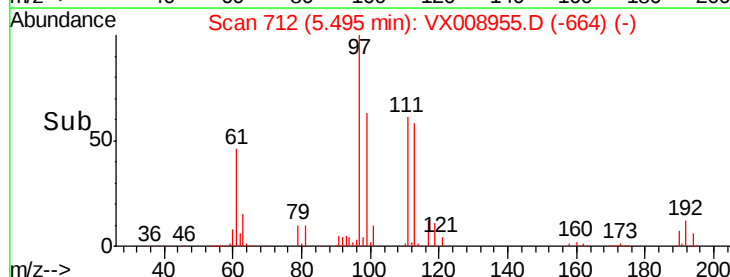
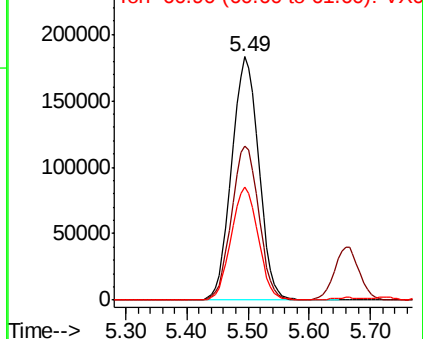
97 100

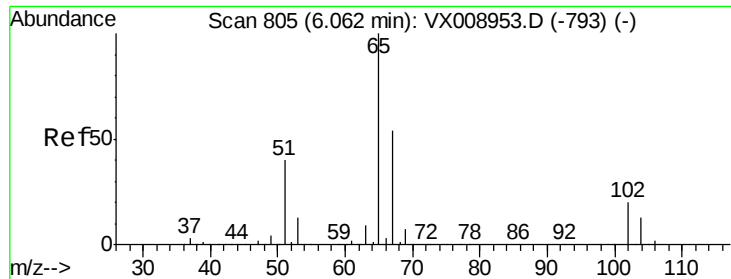
99 63.9 51.6 77.4

61 46.5 37.9 56.9



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





#33

1,2-Dichloroethane-d4

Concen: 144.303 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008955.D

Acq: 15 Apr 2019 11:55

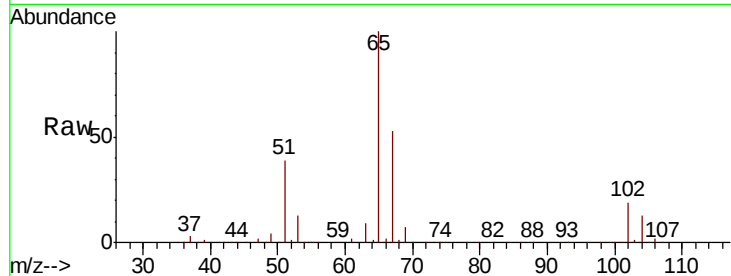
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 65 Resp: 426276

Ion Ratio Lower Upper

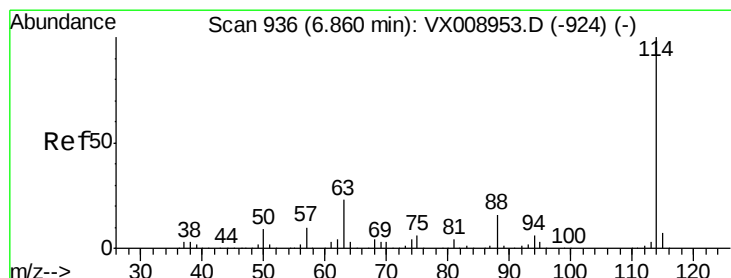
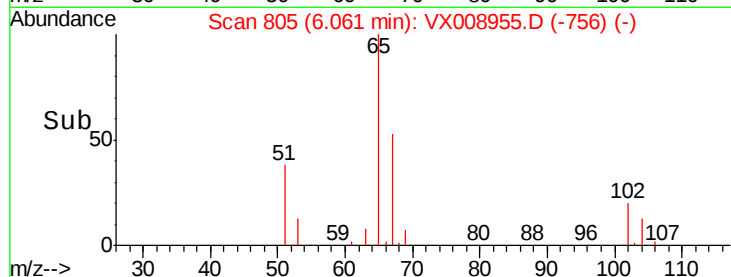
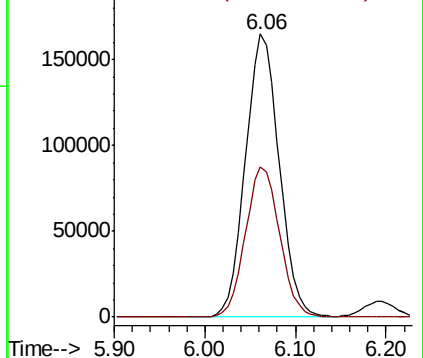
65 100

67 53.8 0.0 108.6



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: VX008955.D

Acq: 15 Apr 2019 11:55

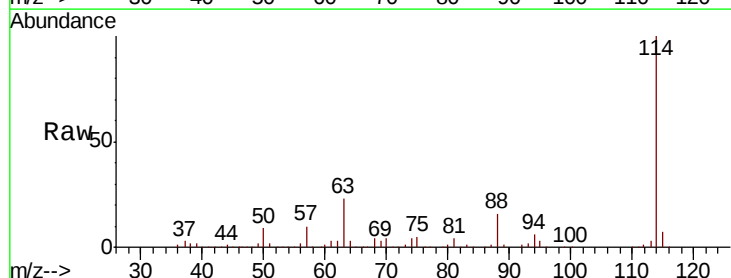
Tgt Ion:114 Resp: 334017

Ion Ratio Lower Upper

114 100

63 23.0 0.0 46.0

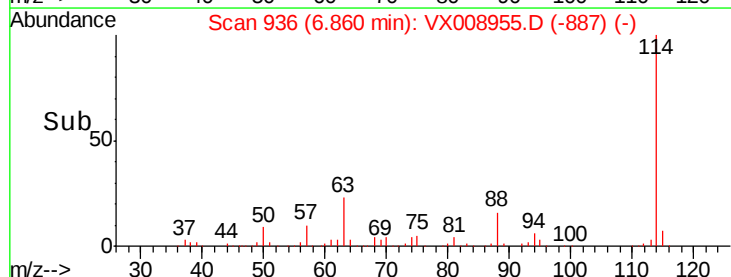
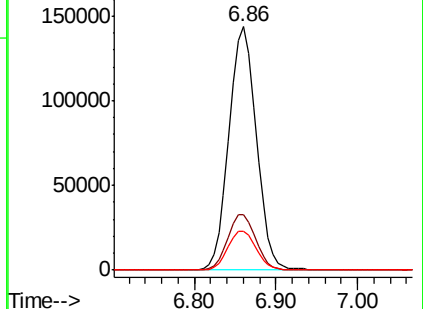
88 16.0 0.0 32.6

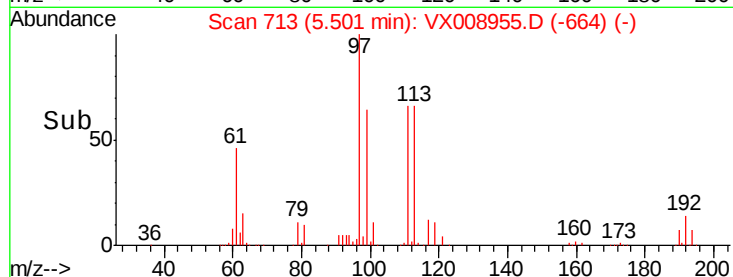
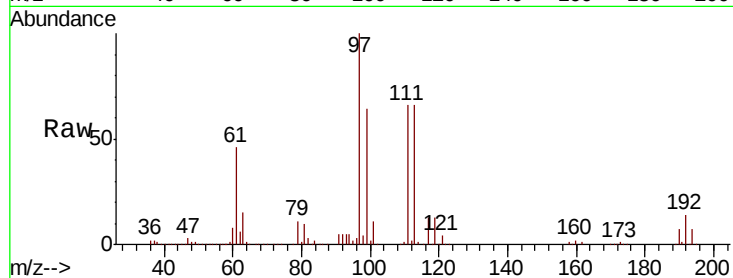
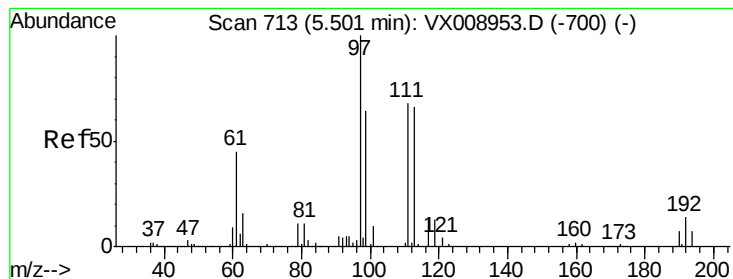


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 151.012 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008955.D

Acq: 15 Apr 2019 11:55

Instrument :

MSVOA_X

ClientSampleId :

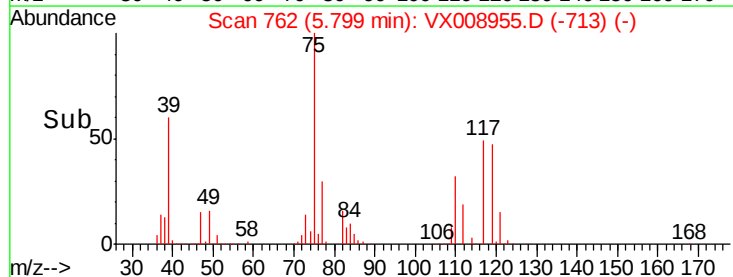
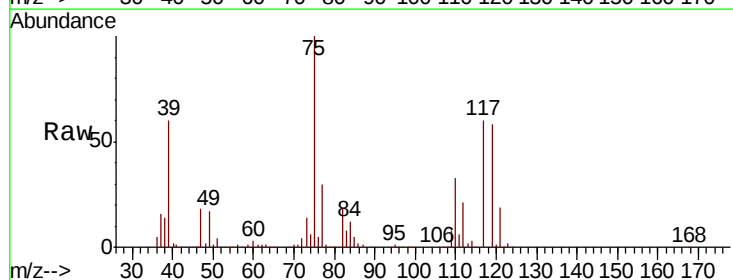
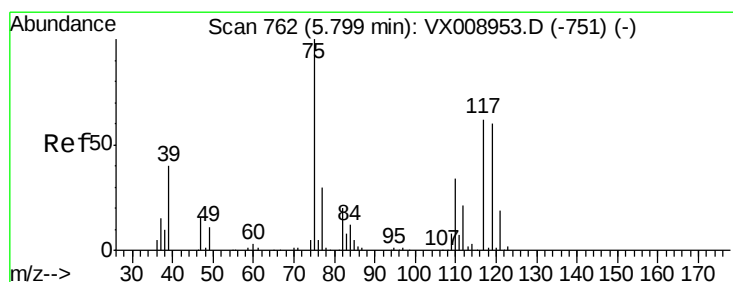
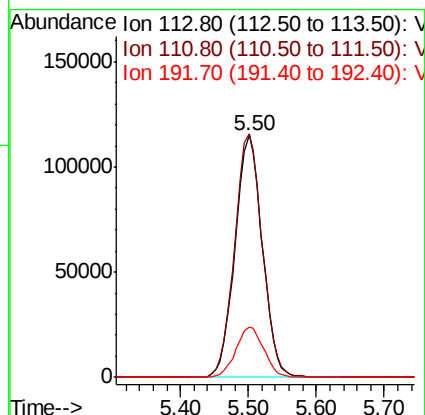
Tot Ion:113 Resp: 320341

Ion Ratio Lower Upper

113 100

111 102.0 82.9 124.3

192 21.2 17.4 26.0



#36

1,1-Dichloropropene

Concen: 146.925 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX008955.D

Acq: 15 Apr 2019 11:55

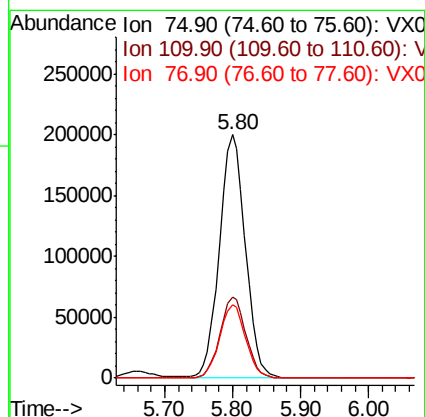
Tgt Ion: 75 Resp: 527706

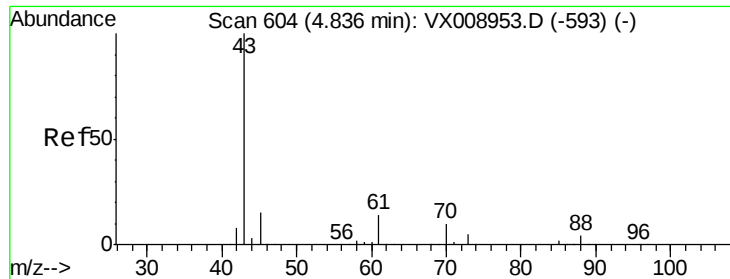
Ion Ratio Lower Upper

75 100

110 33.4 16.9 50.7

77 30.3 25.0 37.4





#37

Ethyl Acetate

Concen: 144.918 ug/l

RT: 4.84 min Scan# 605

Delta R.T. 0.01 min

Lab File: VX008955.D

Acq: 15 Apr 2019 11:55

Instrument :
MSVOA_X
ClientSampleId :

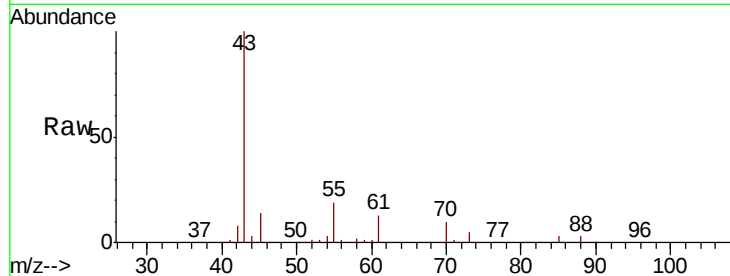
Tot Ion: 43 Resp: 692023

Ion Ratio Lower Upper

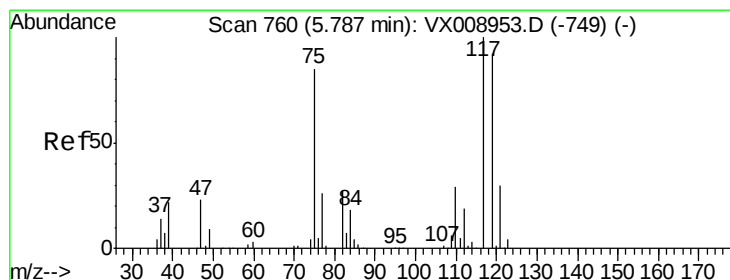
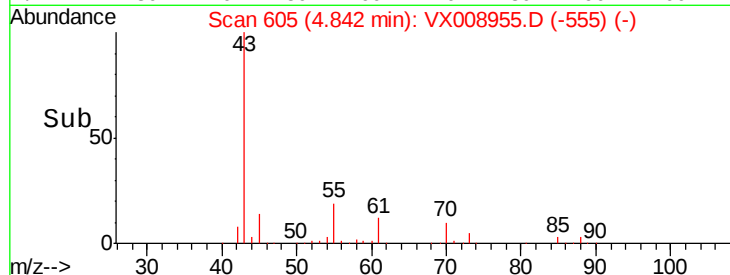
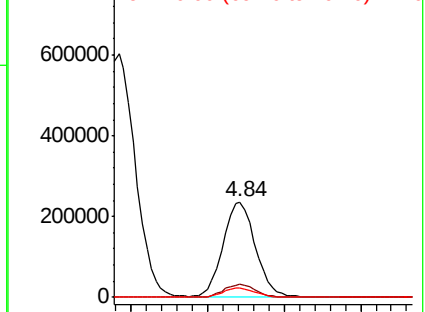
43 100

61 13.2 10.6 15.8

70 9.7 7.7 11.5



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: 158.848 ug/l

RT: 5.79 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX008955.D

Acq: 15 Apr 2019 11:55

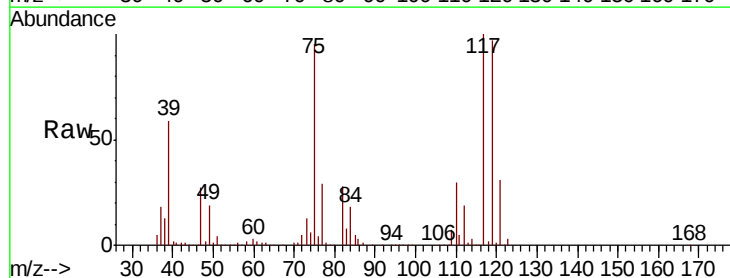
Tgt Ion: 117 Resp: 473169

Ion Ratio Lower Upper

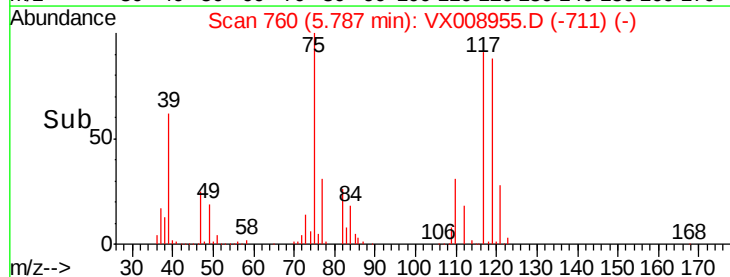
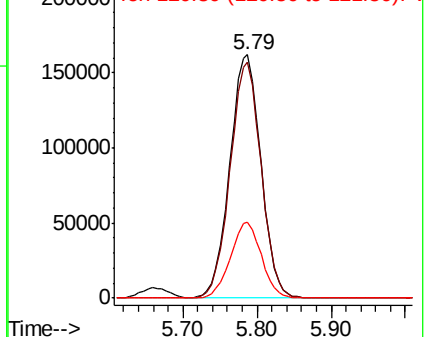
117 100

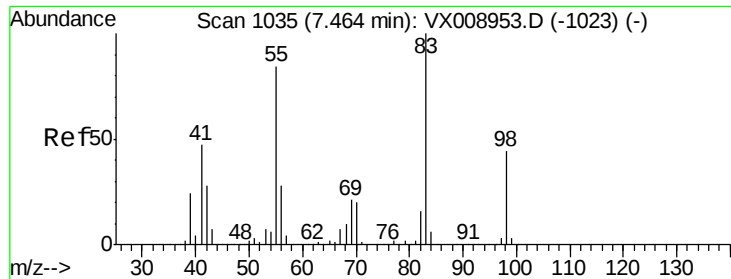
119 96.8 73.8 110.8

121 31.0 23.6 35.4



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

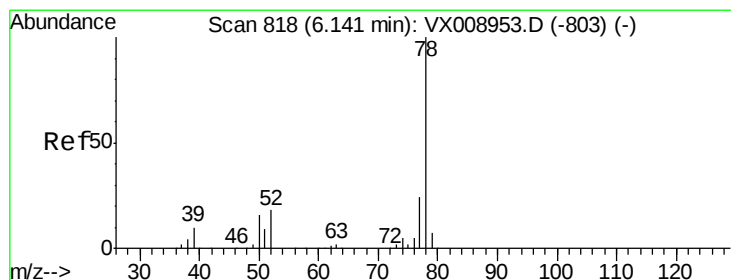
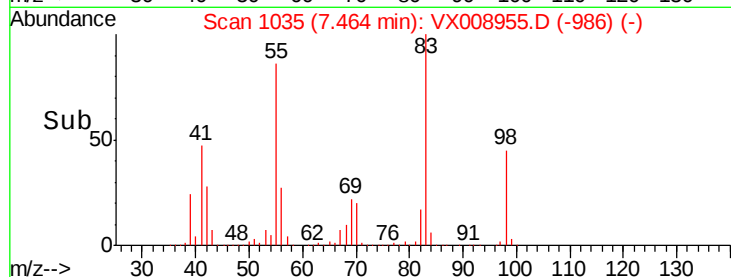
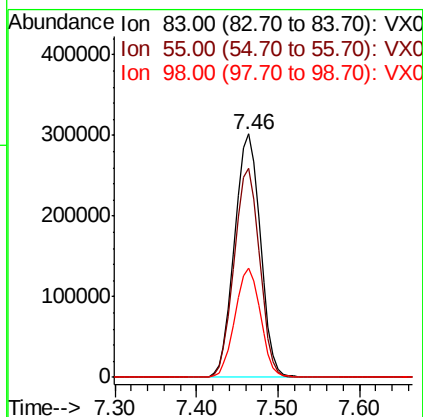
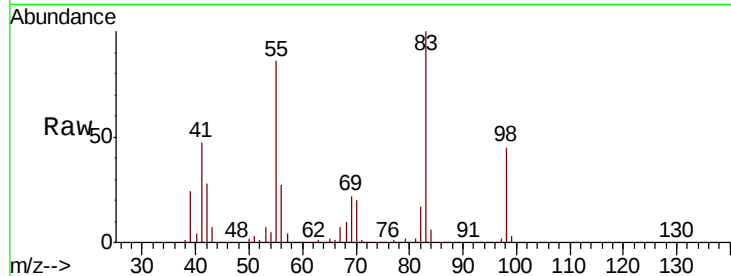




#39
Methvlcvclohexane
Concen: 148.486 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX008955.D
Acq: 15 Apr 2019 11:55

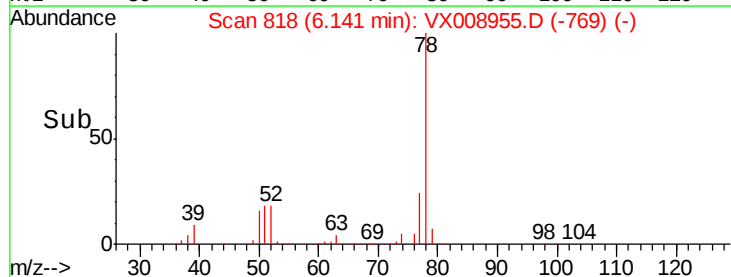
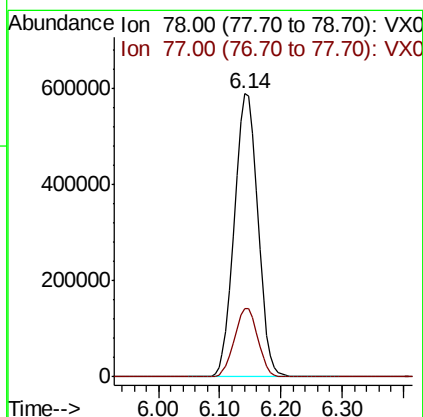
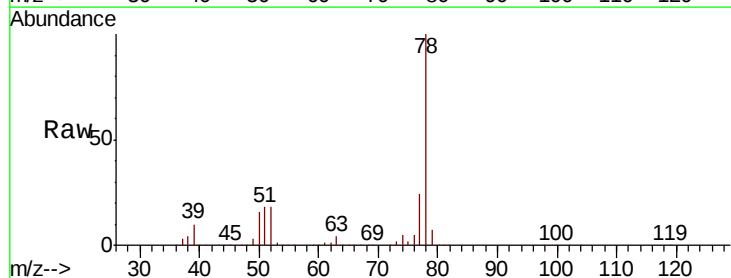
Instrument :
MSVOA_X
ClientSampleId :

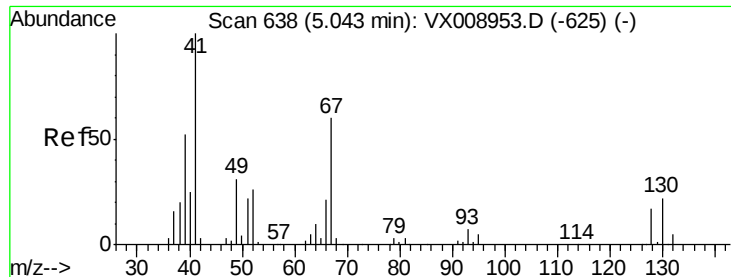
Tot Ion: 83 Resp: 659625
Ion Ratio Lower Upper
83 100
55 85.8 67.1 100.7
98 45.0 35.1 52.7



#40
Benzene
Concen: 145.718 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX008955.D
Acq: 15 Apr 2019 11:55

Tgt Ion: 78 Resp: 1558976
Ion Ratio Lower Upper
78 100
77 24.3 19.0 28.6





#41

Methacrylonitrile

Concen: 142.958 ug/l

RT: 5.05 min Scan# 639

Delta R.T. 0.01 min

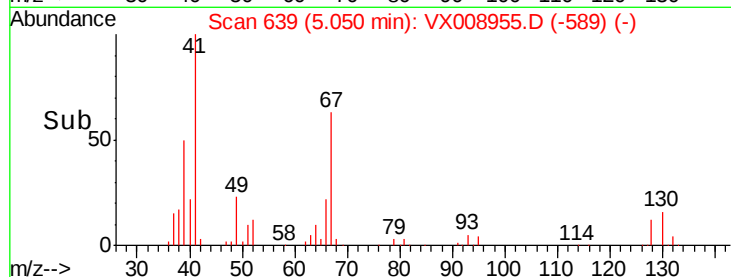
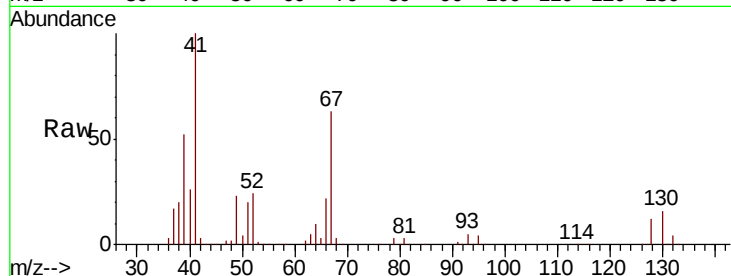
Lab File: VX008955.D

Acq: 15 Apr 2019 11:55

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 41 Resp: 393646

Ion	Ratio	Lower	Upper
41	100		
39	52.2	41.8	62.6
67	62.8	50.2	75.4
52	25.8	21.1	31.7

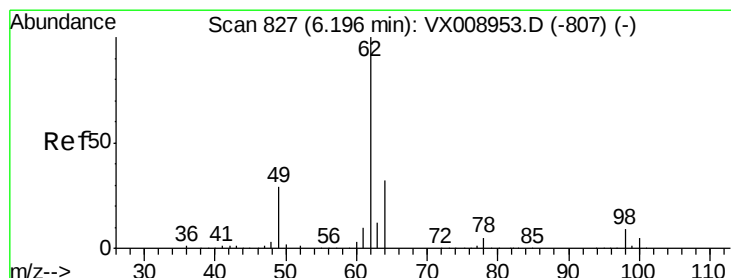


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 143.749 ug/l

RT: 6.19 min Scan# 826

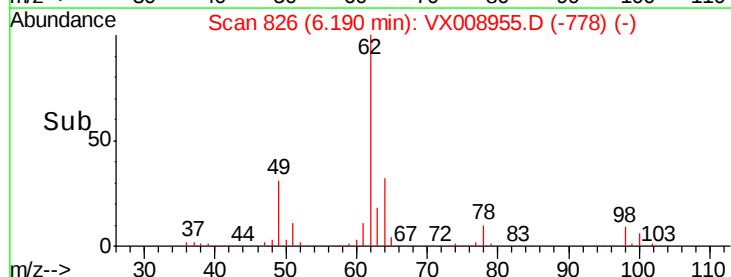
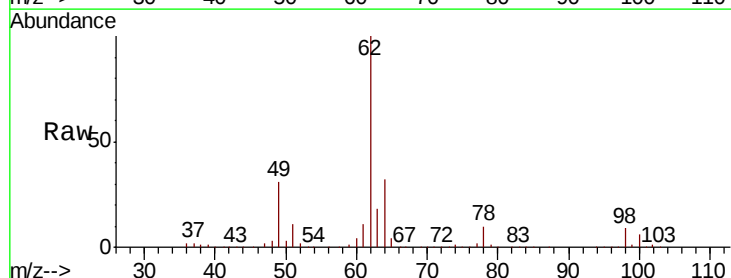
Delta R.T. -0.01 min

Lab File: VX008955.D

Acq: 15 Apr 2019 11:55

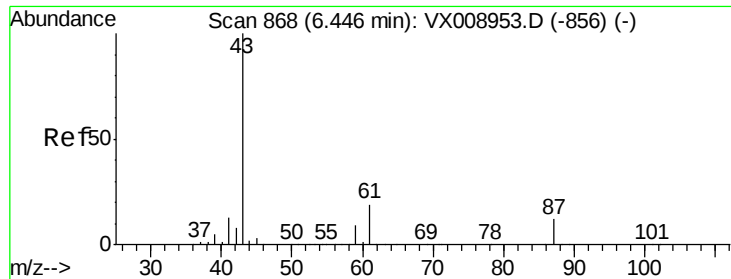
Tgt Ion: 62 Resp: 551070

Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	18.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

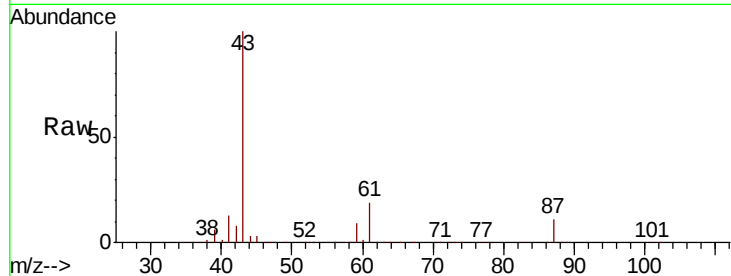


#43

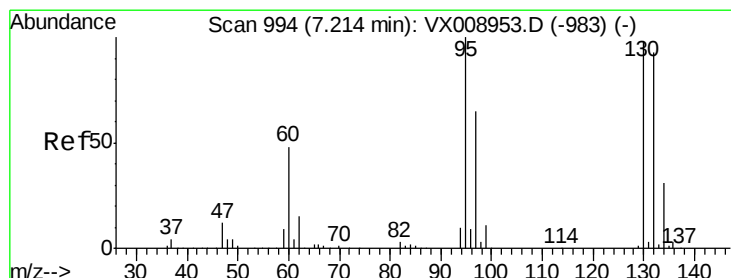
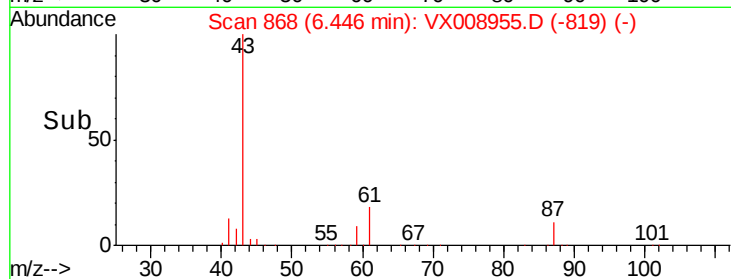
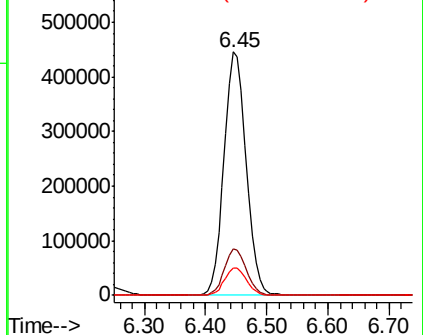
Isopropyl Acetate
 Concen: 148.204 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX008955.D
 Acq: 15 Apr 2019 11:55

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 43 Resp: 1110936
 Ion Ratio Lower Upper
 43 100
 61 19.0 15.4 23.0
 87 11.2 9.0 13.4



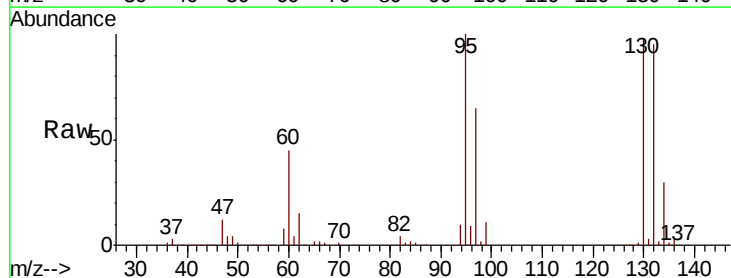
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



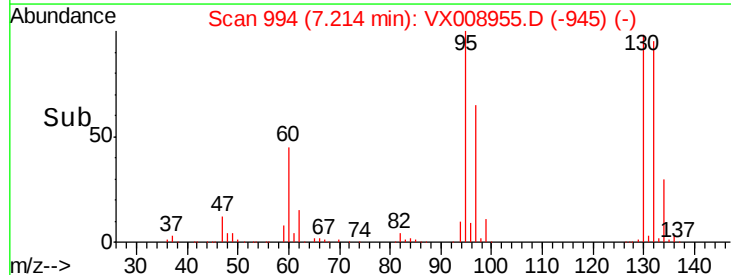
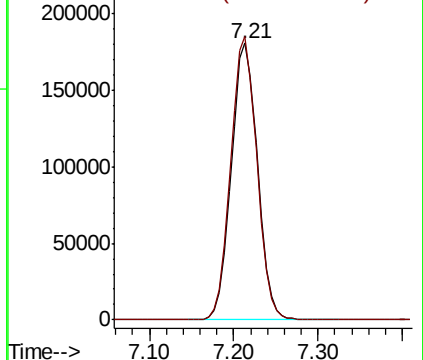
#44

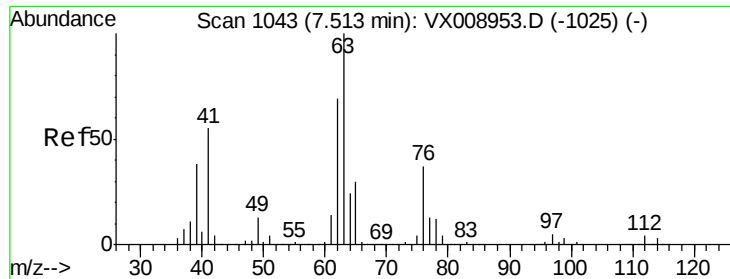
Trichloroethene
 Concen: 151.645 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX008955.D
 Acq: 15 Apr 2019 11:55

Tgt Ion:130 Resp: 379814
 Ion Ratio Lower Upper
 130 100
 95 102.3 0.0 203.2



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





#45

1,2-Dichloropropane

Concen: 143.799 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX008955.D

Acq: 15 Apr 2019 11:55

Instrument :

MSVOA_X

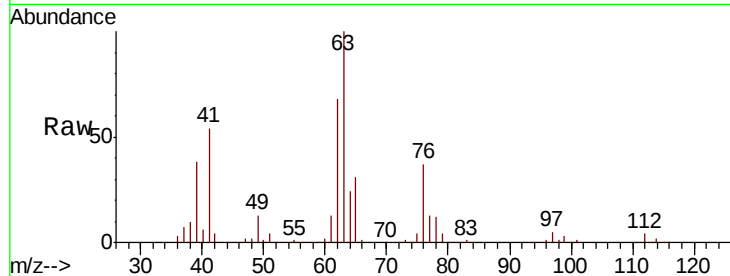
ClientSampled :

Tot Ion: 63 Resp: 437556

Ion Ratio Lower Upper

63 100

65 30.6 24.1 36.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.51

200000

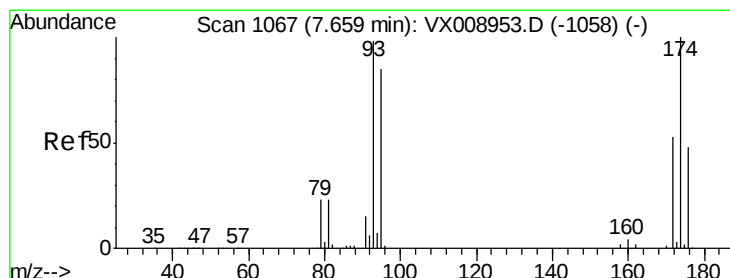
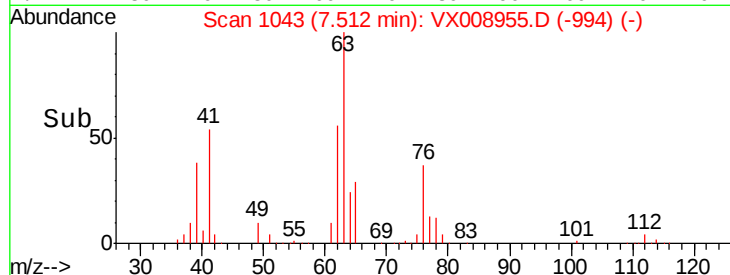
150000

100000

50000

0

Time-->



#46

Dibromomethane

Concen: 142.543 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX008955.D

Acq: 15 Apr 2019 11:55

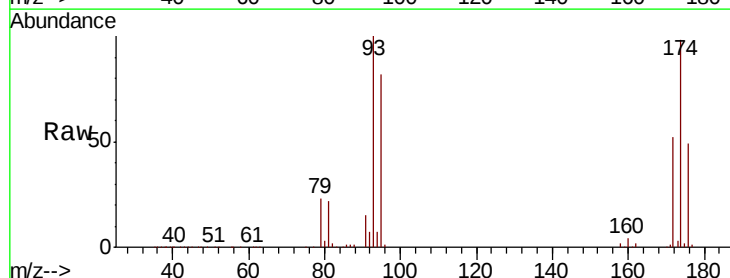
Tgt Ion: 93 Resp: 252438

Ion Ratio Lower Upper

93 100

95 82.9 67.0 100.4

174 103.1 81.6 122.4



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

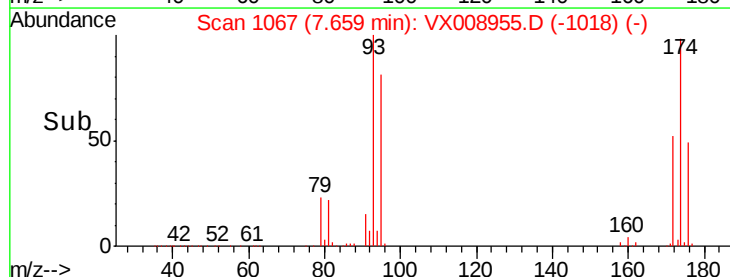
150000

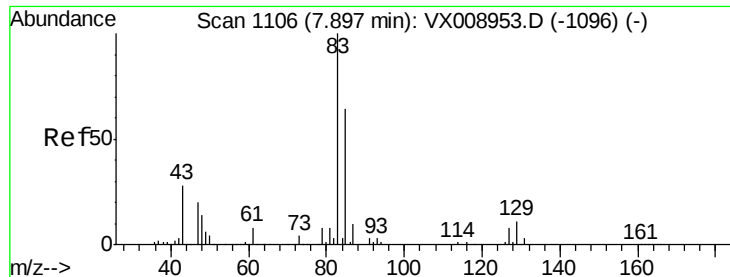
100000

50000

0

Time-->





#47

Bromodichloromethane

Concen: 154.789 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008955.D

Acq: 15 Apr 2019 11:55

Instrument :

MSVOA_X

ClientSampleId :

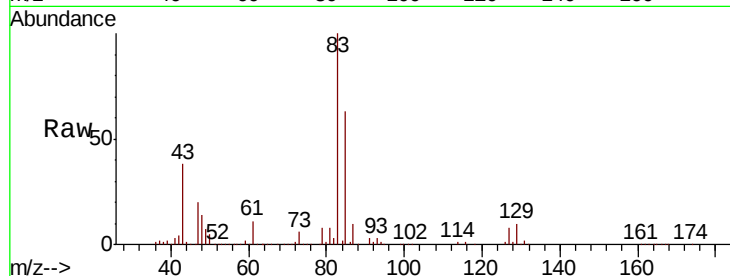
Tot Ion: 83 Resp: 516852

Ion Ratio Lower Upper

83 100

85 63.2 50.8 76.2

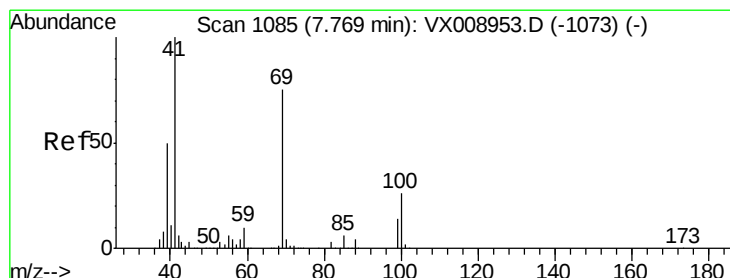
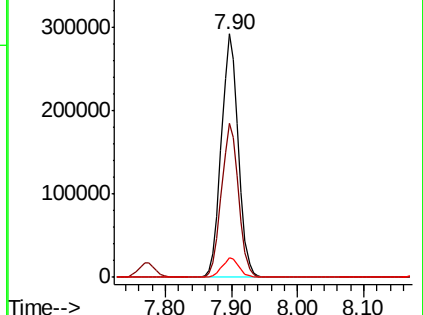
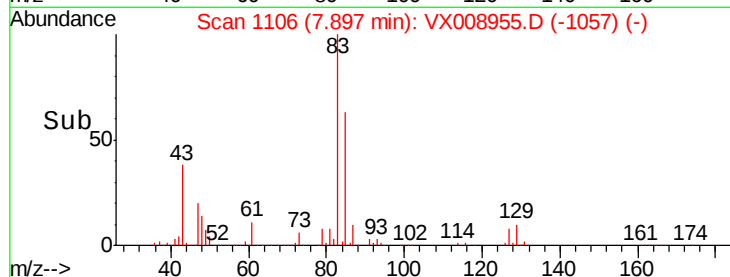
127 8.0 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 145.108 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX008955.D

Acq: 15 Apr 2019 11:55

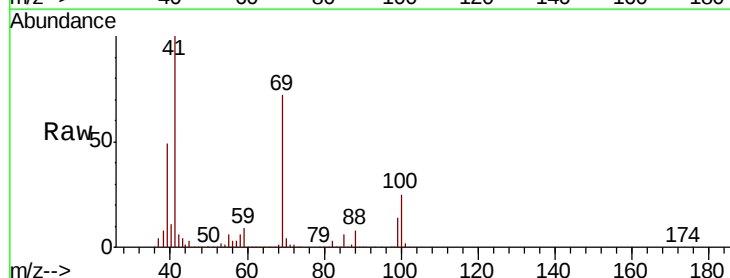
Tgt Ion: 41 Resp: 548884

Ion Ratio Lower Upper

41 100

69 73.6 59.4 89.2

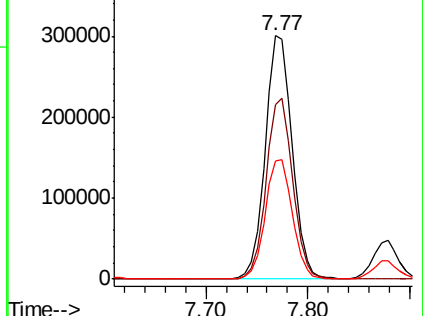
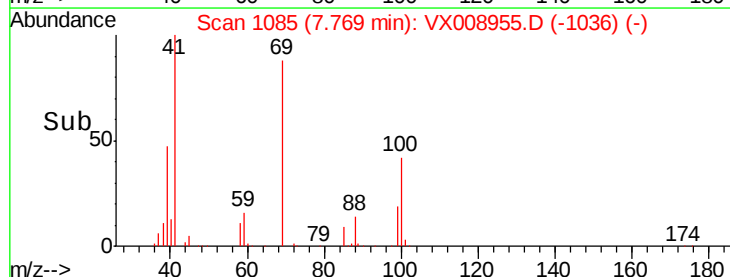
39 49.8 39.8 59.6

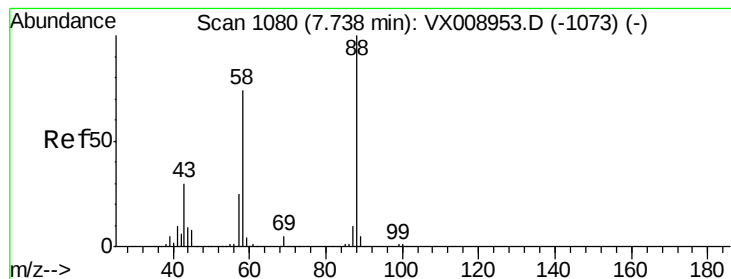


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 2851.713 ug/l

RT: 7.74 min Scan# 1081

Delta R.T. 0.01 min

Lab File: VX008955.D

Acq: 15 Apr 2019 11:55

Instrument :
MSVOA_X
ClientSampleId :

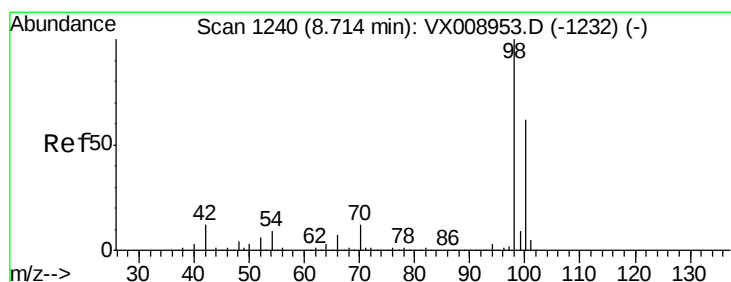
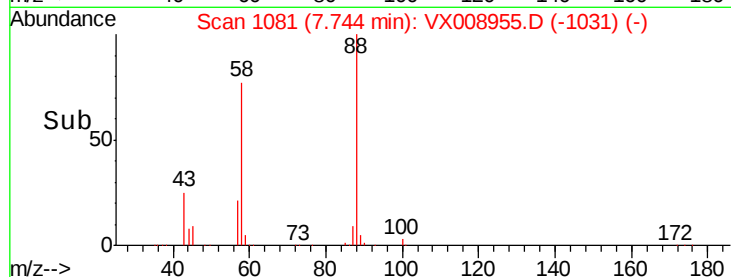
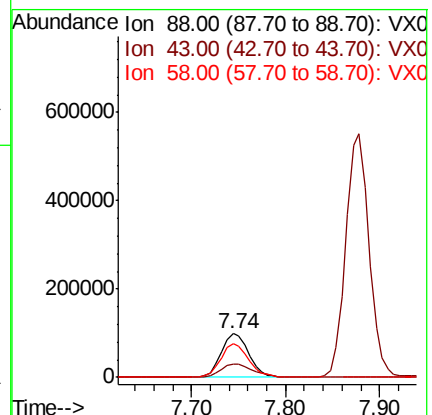
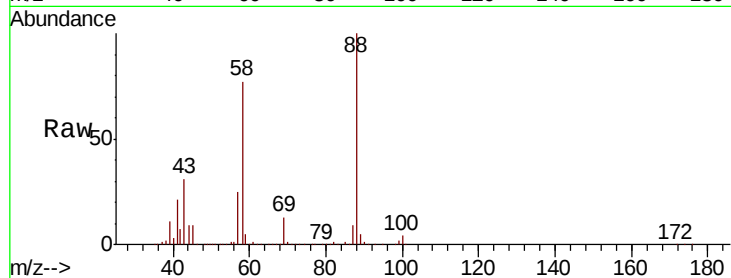
Tot Ion: 88 Resp: 200663

Ion Ratio Lower Upper

88 100

43 35.7 29.3 43.9

58 77.7 62.6 93.8



#50

Toluene-d8

Concen: 147.501 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. 0.01 min

Lab File: VX008955.D

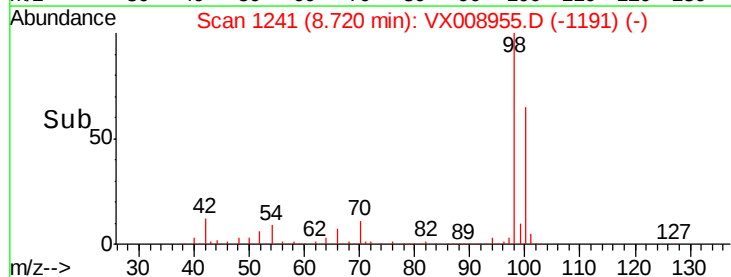
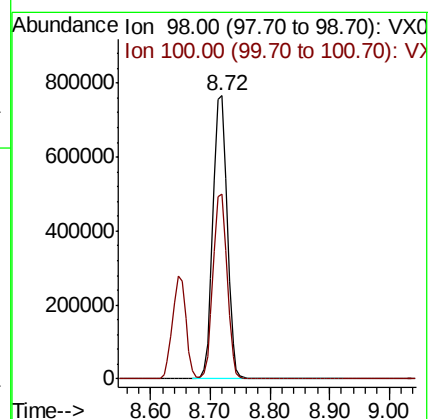
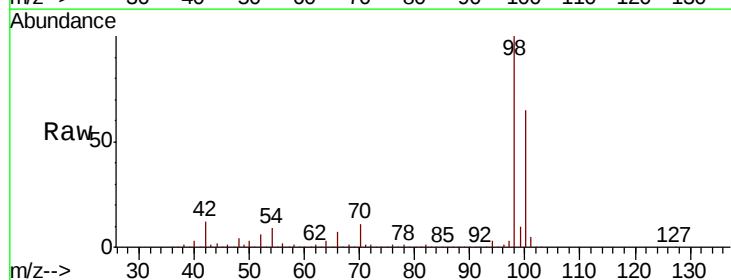
Acq: 15 Apr 2019 11:55

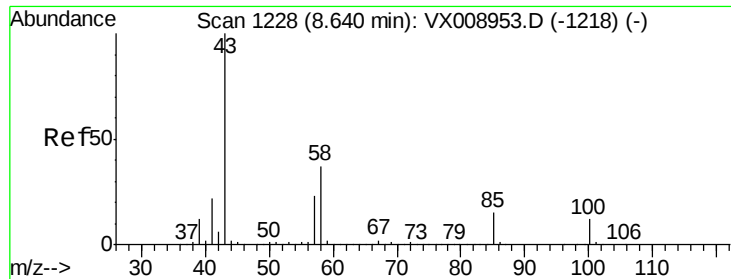
Tgt Ion: 98 Resp: 1246150

Ion Ratio Lower Upper

98 100

100 64.3 51.4 77.2





#51

4-Methyl-2-Pentanone

Concen: 707.340 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.01 min

Lab File: VX008955.D

Acq: 15 Apr 2019 11:55

Instrument :

MSVOA_X

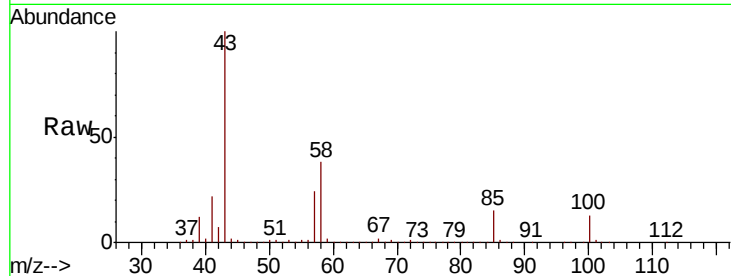
ClientSampleId :

Tot Ion: 43 Resp: 3406775

Ion Ratio Lower Upper

43 100

58 37.7 29.8 44.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2500000

2000000

1500000

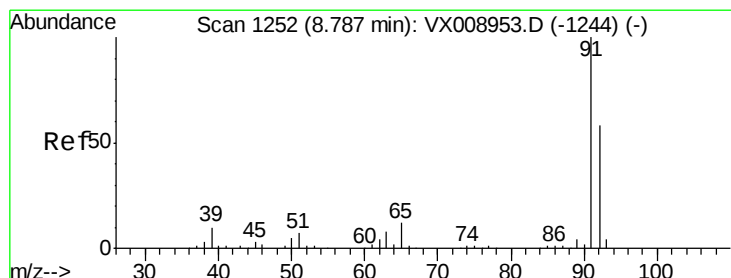
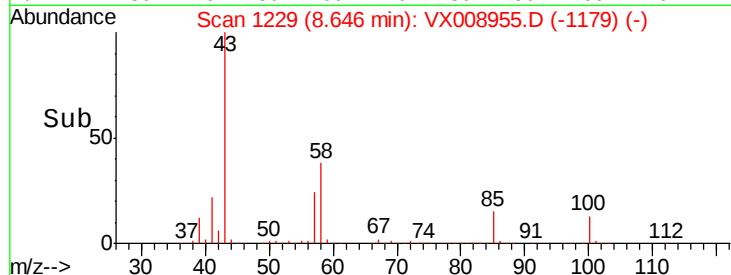
1000000

500000

0

8.55 8.60 8.65 8.70

Time-->



#52

Toluene

Concen: 144.806 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX008955.D

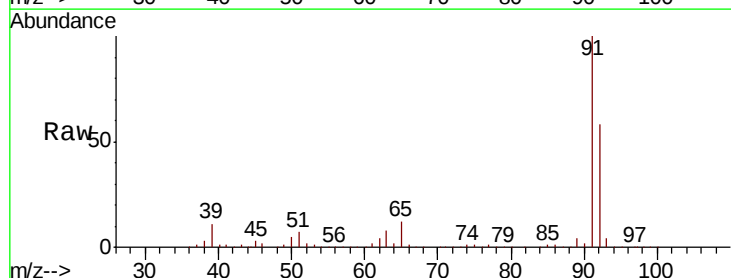
Acq: 15 Apr 2019 11:55

Tgt Ion: 92 Resp: 913078

Ion Ratio Lower Upper

92 100

91 172.7 138.5 207.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

1200000

1000000

800000

600000

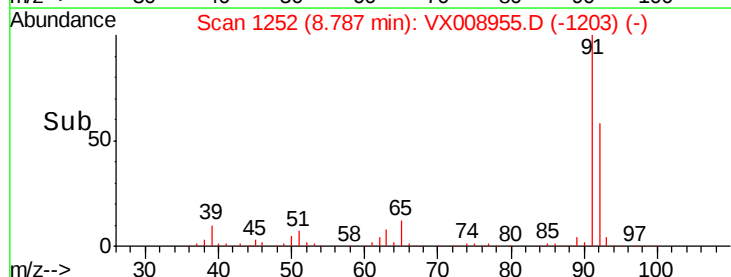
400000

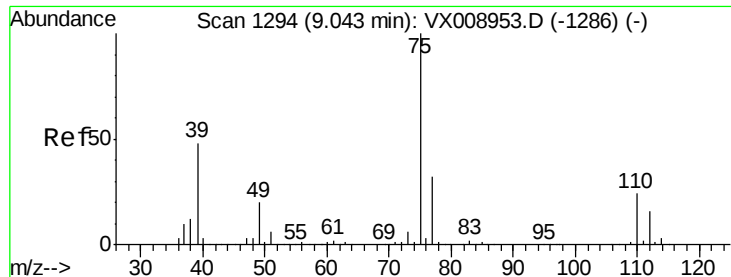
200000

0

8.70 8.80 8.90 9.00

Time-->

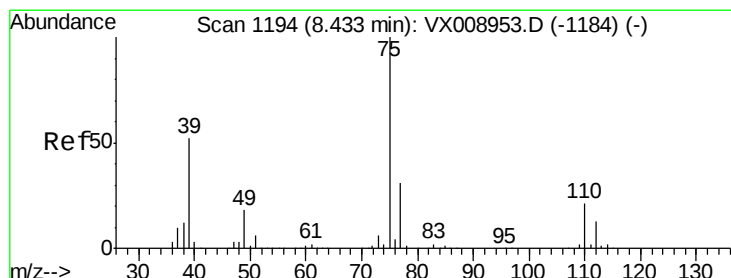
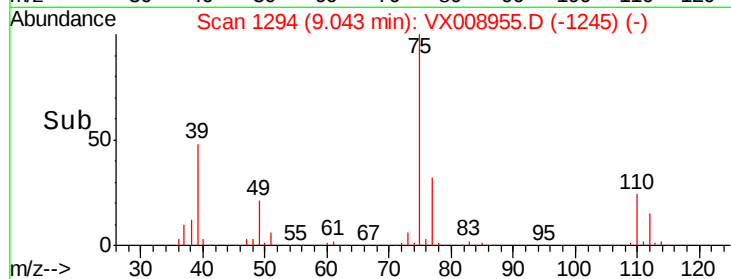
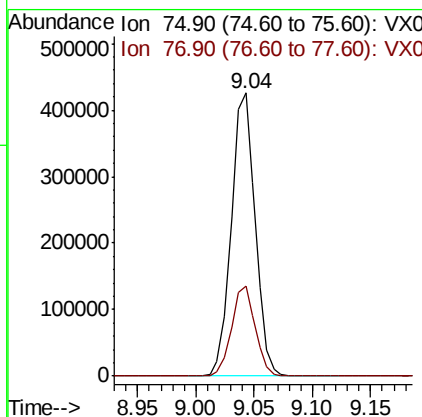
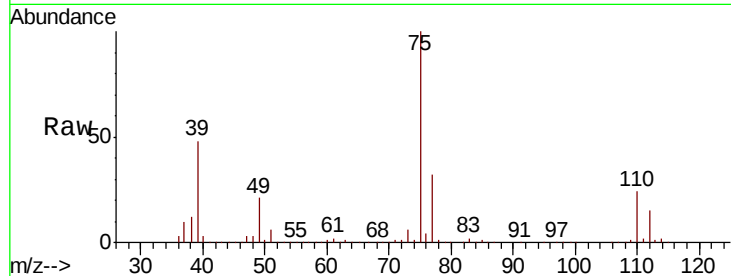




#53
t-1,3-Dichloropropene
Concen: 162.094 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX008955.D
Acq: 15 Apr 2019 11:55

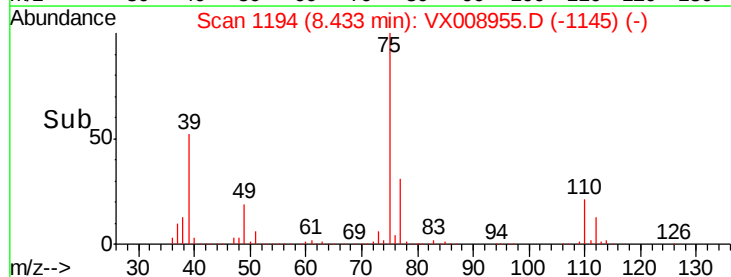
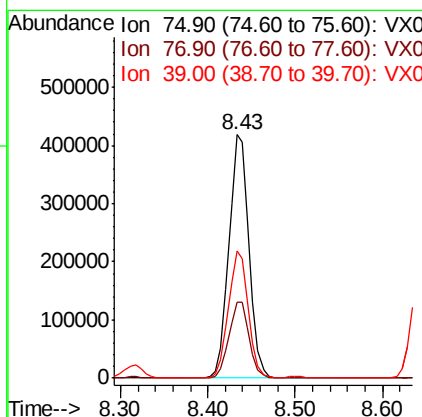
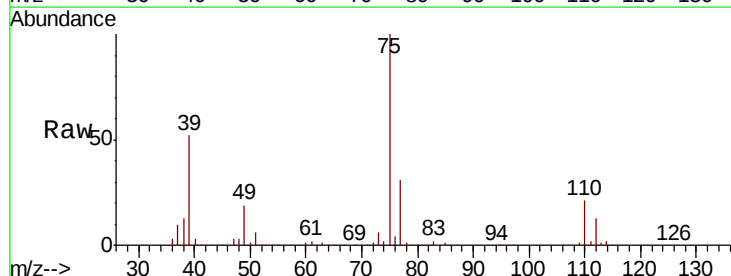
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 75 Resp: 608949
Ion Ratio Lower Upper
75 100
77 31.6 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 155.546 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX008955.D
Acq: 15 Apr 2019 11:55

Tgt Ion: 75 Resp: 665708
Ion Ratio Lower Upper
75 100
77 31.3 24.8 37.2
39 52.1 41.8 62.6





#55

1,1,2-Trichloroethane

Concen: 141.859 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX008955.D

Acq: 15 Apr 2019 11:55

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 97 Resp: 359306

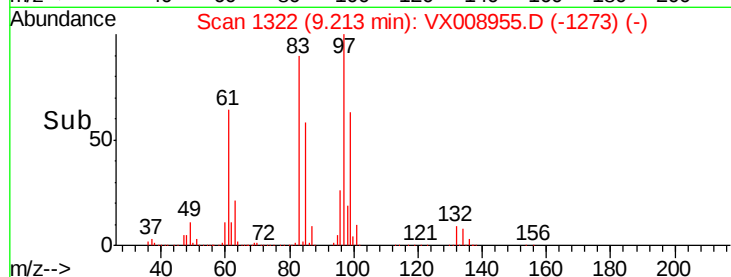
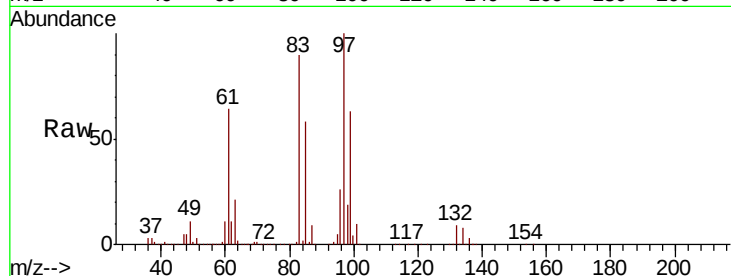
Ion	Ratio	Lower	Upper
97	100		
83	90.1	72.6	108.8
85	57.6	46.9	70.3
99	62.5	51.0	76.6

97 100

83 90.1 72.6 108.8

85 57.6 46.9 70.3

99 62.5 51.0 76.6

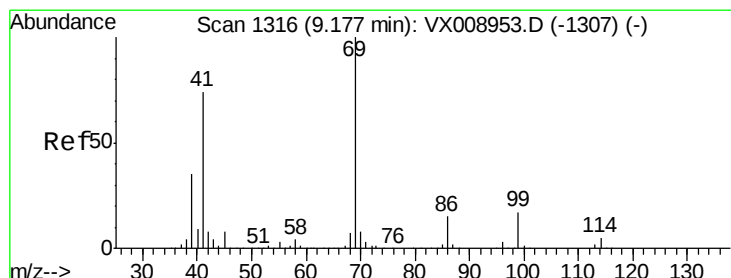
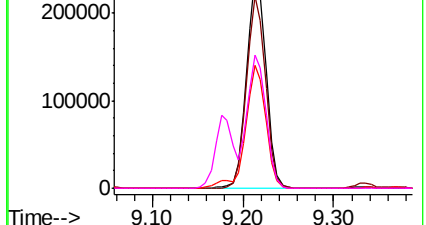


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 148.531 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX008955.D

Acq: 15 Apr 2019 11:55

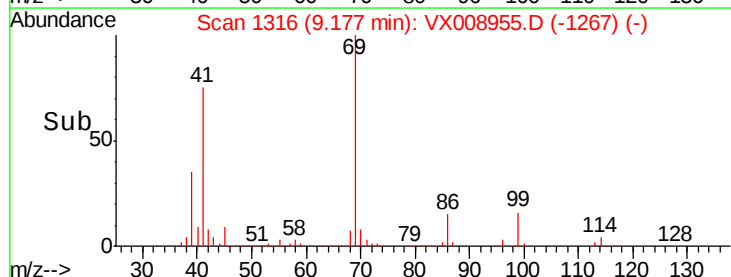
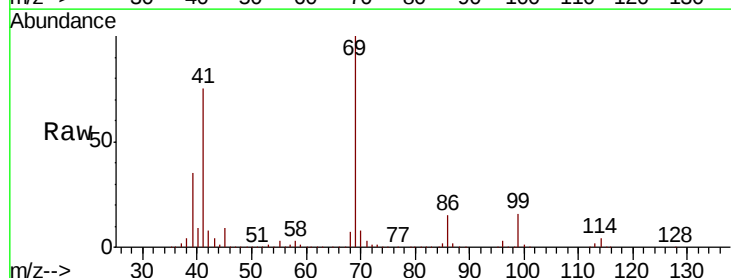
Tgt Ion: 69 Resp: 678408

Ion	Ratio	Lower	Upper
69	100		
41	74.8	60.2	90.2
39	34.9	27.9	41.9

69 100

41 74.8 60.2 90.2

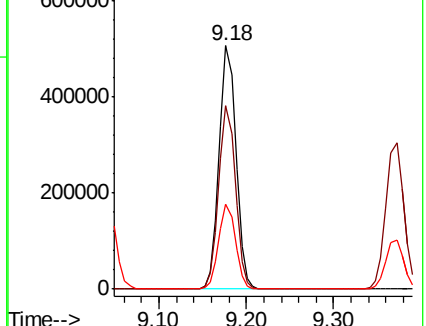
39 34.9 27.9 41.9

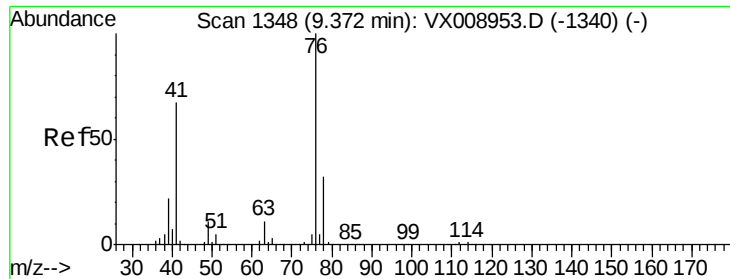


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 141.015 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX008955.D

Acq: 15 Apr 2019 11:55

Instrument :

MSVOA_X

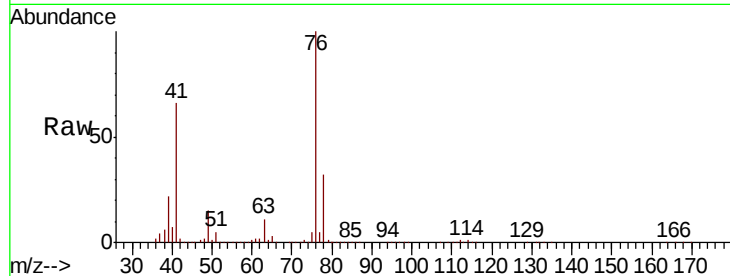
ClientSampleId :

Tot Ion: 76 Resp: 639934

Ion Ratio Lower Upper

76 100

78 32.1 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

400000

300000

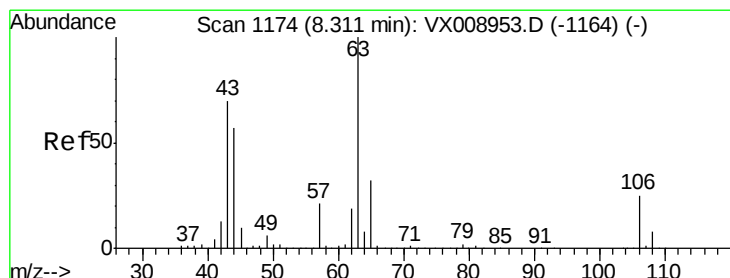
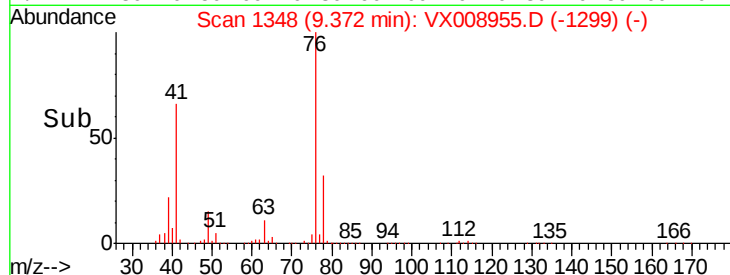
200000

100000

0

9.30 9.40 9.50

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 749.061 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. 0.01 min

Lab File: VX008955.D

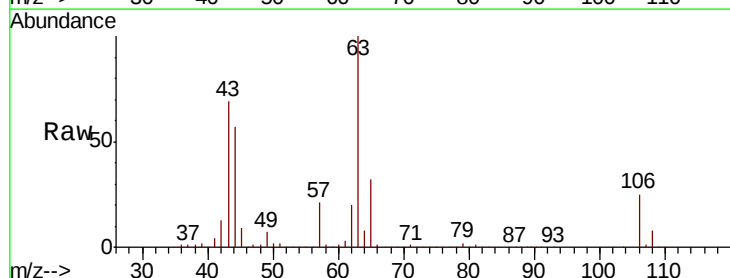
Acq: 15 Apr 2019 11:55

Tgt Ion: 63 Resp: 1763872

Ion Ratio Lower Upper

63 100

106 24.7 19.8 29.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.32

1200000

1000000

800000

600000

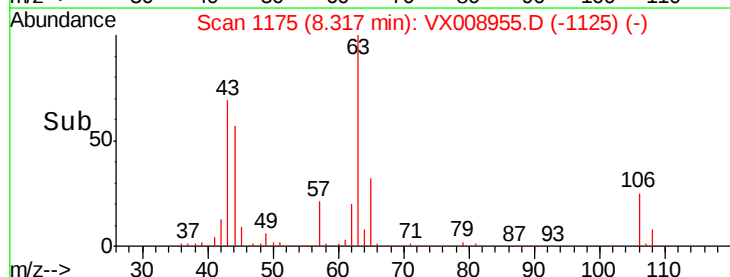
400000

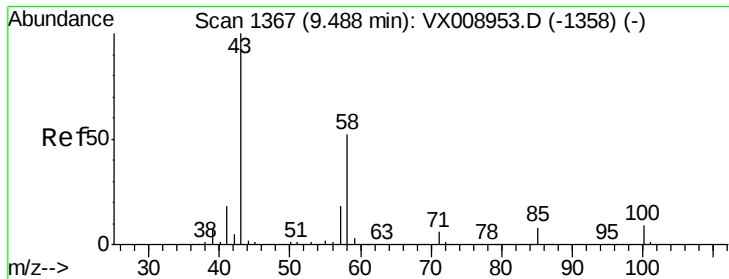
200000

0

8.20 8.30 8.40

Time-->

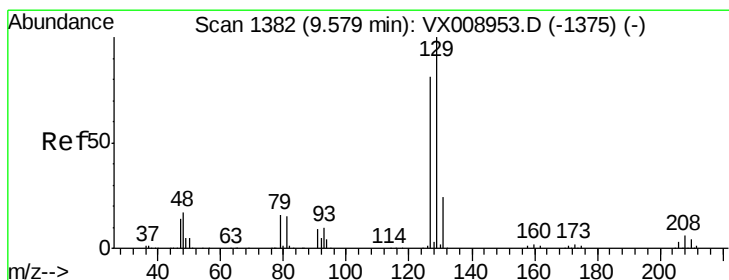
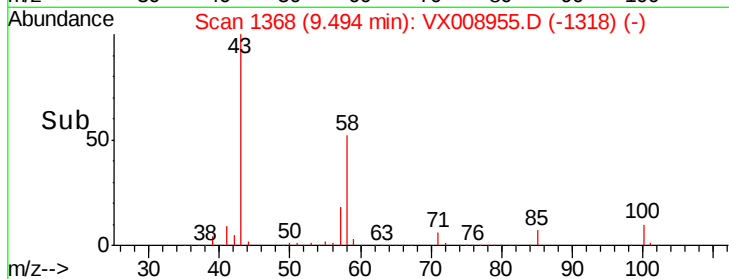
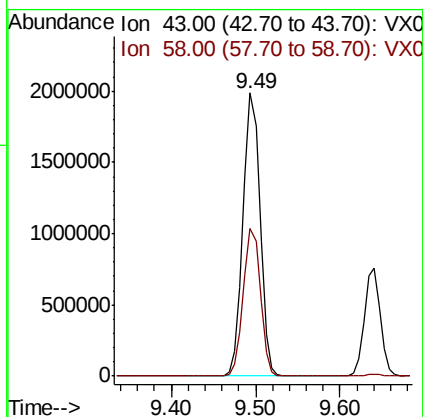
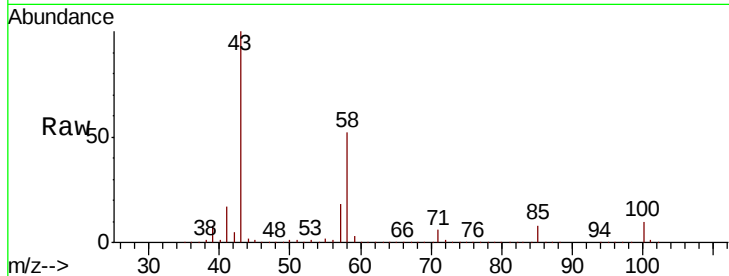




#59
2-Hexanone
Concen: 714.739 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.01 min
Lab File: VX008955.D
Acq: 15 Apr 2019 11:55

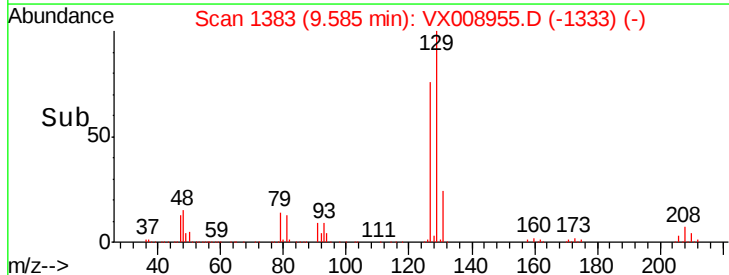
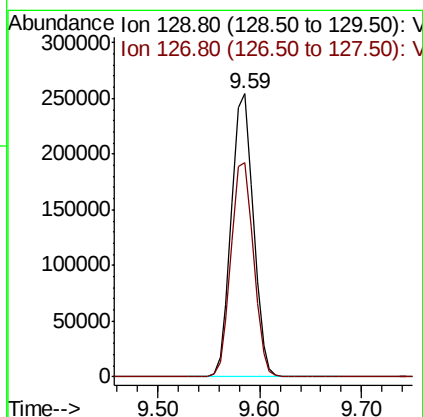
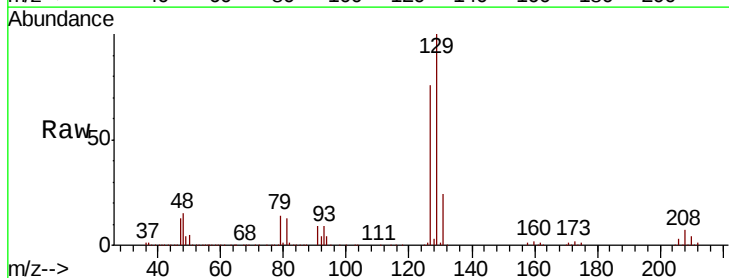
Instrument :
MSVOA_X
ClientSampled :

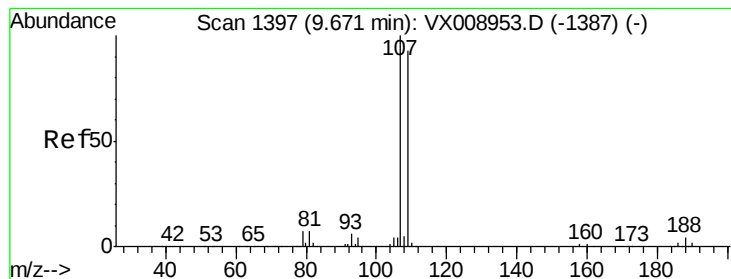
Tot Ion: 43 Resp: 2676646
Ion Ratio Lower Upper
43 100
58 52.5 25.9 77.8



#60
Dibromochloromethane
Concen: 158.538 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX008955.D
Acq: 15 Apr 2019 11:55

Tgt Ion:129 Resp: 379151
Ion Ratio Lower Upper
129 100
127 77.3 39.1 117.2





#61

1,2-Dibromoethane

Concen: 142.305 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008955.D

Acq: 15 Apr 2019 11:55

Instrument :

MSVOA_X

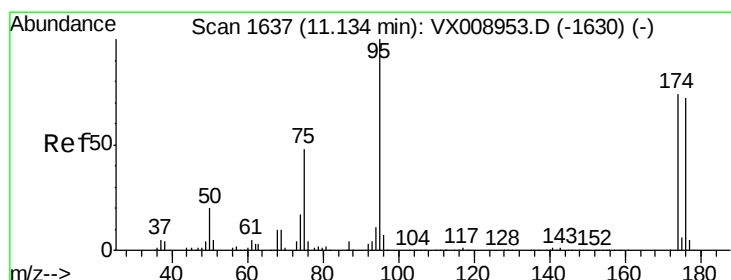
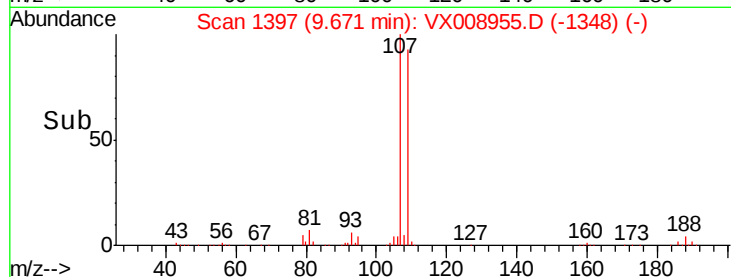
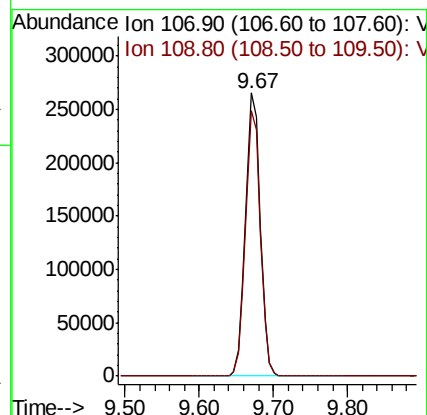
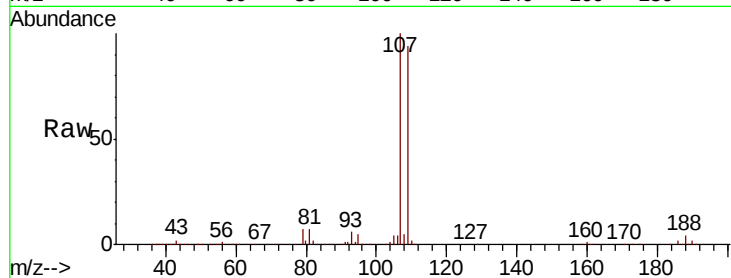
ClientSampleId :

Tot Ion:107 Resp: 375138

Ion Ratio Lower Upper

107 100

109 94.2 74.4 111.6



#62

4-Bromofluorobenzene

Concen: 152.220 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.01 min

Lab File: VX008955.D

Acq: 15 Apr 2019 11:55

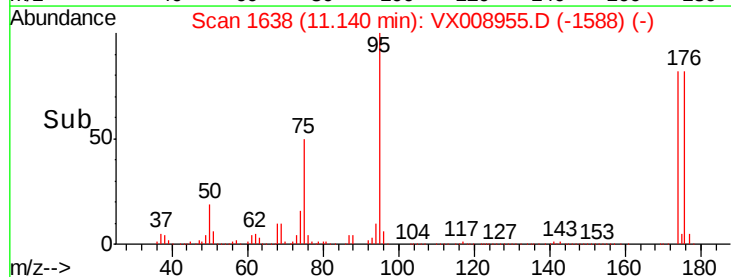
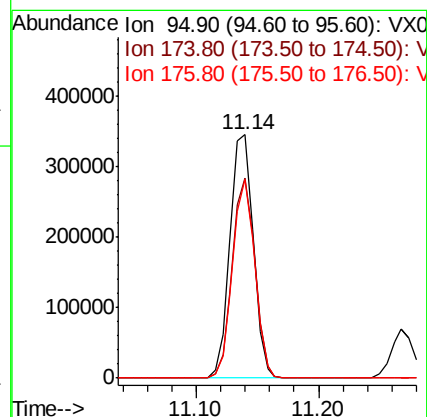
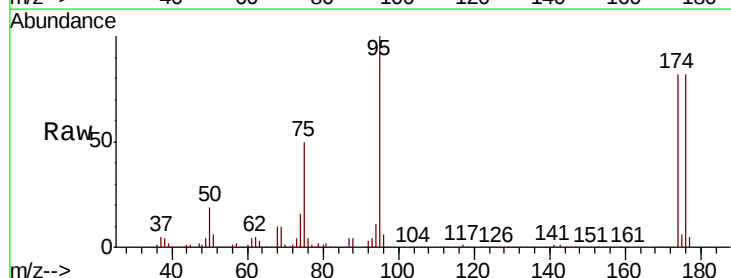
Tgt Ion: 95 Resp: 455696

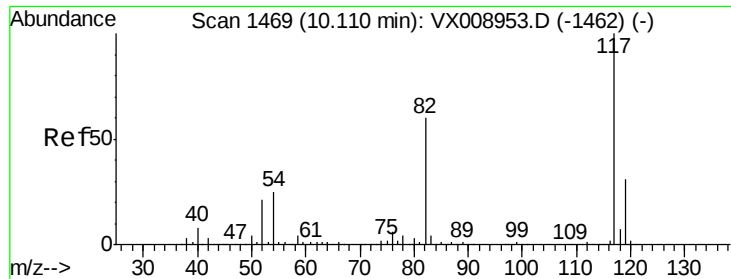
Ion Ratio Lower Upper

95 100

174 79.5 0.0 159.6

176 77.8 0.0 154.8

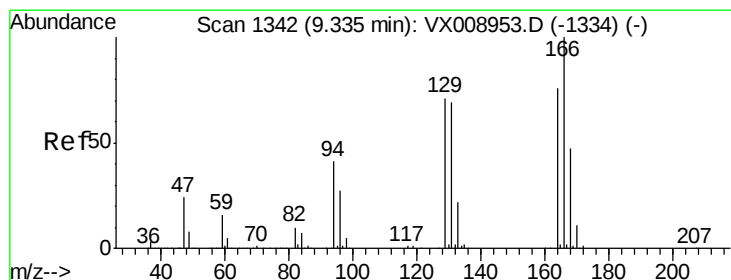
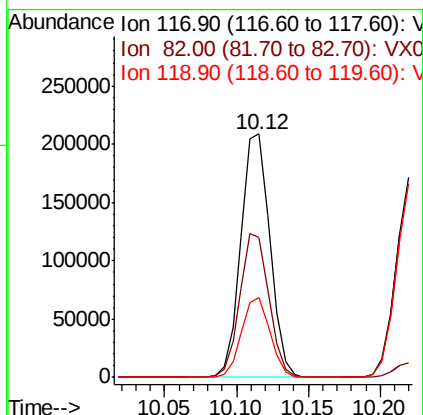
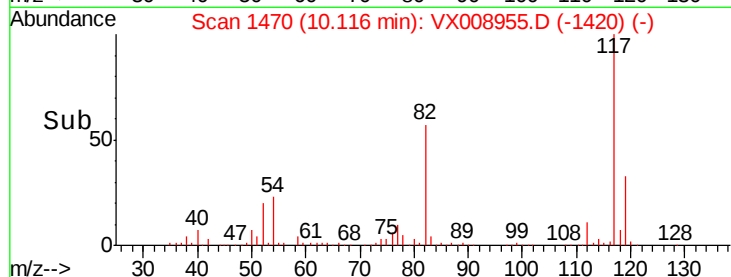
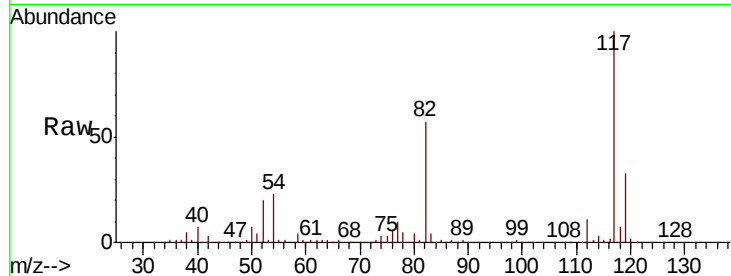




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX008955.D
Acq: 15 Apr 2019 11:55

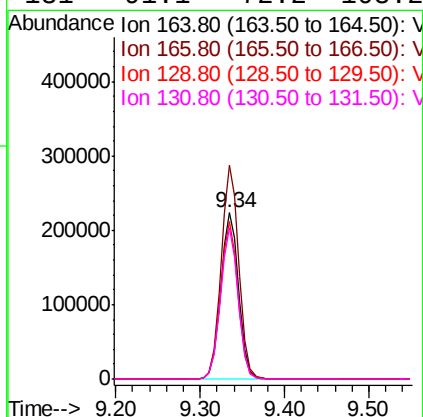
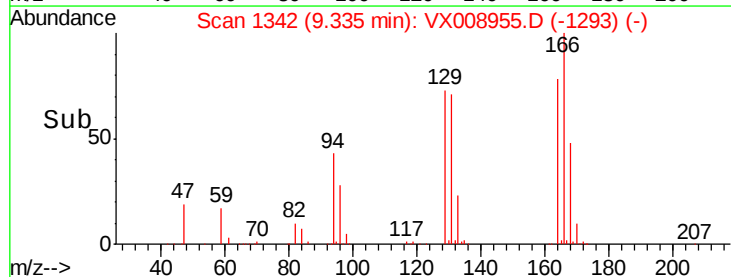
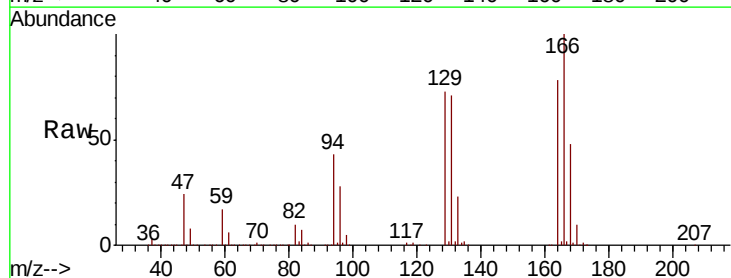
Instrument :
MSVOA_X
ClientSampleId :

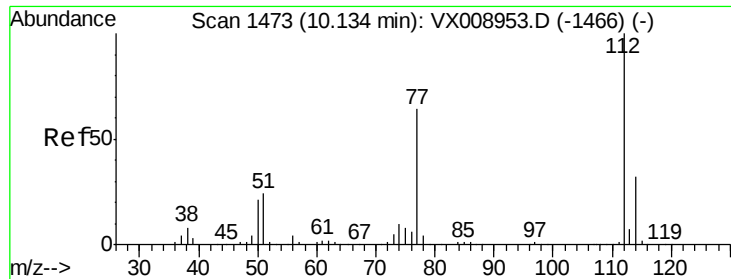
Tot Ion:117 Resp: 292046
Ion Ratio Lower Upper
117 100
82 57.4 48.2 72.4
119 32.6 25.0 37.6



#64
Tetrachloroethene
Concen: 151.165 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008955.D
Acq: 15 Apr 2019 11:55

Tgt Ion:164 Resp: 325681
Ion Ratio Lower Upper
164 100
166 128.4 105.0 157.4
129 94.3 74.2 111.4
131 91.1 72.2 108.2

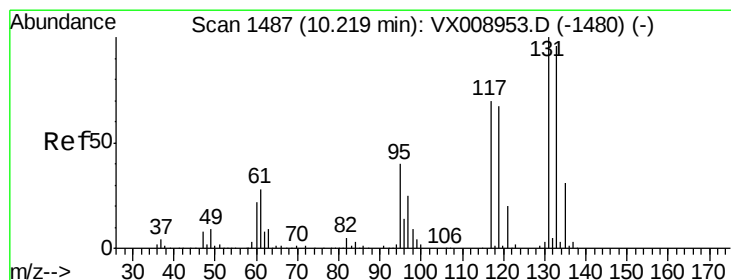
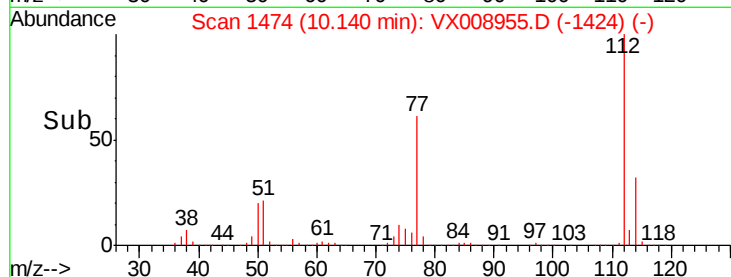
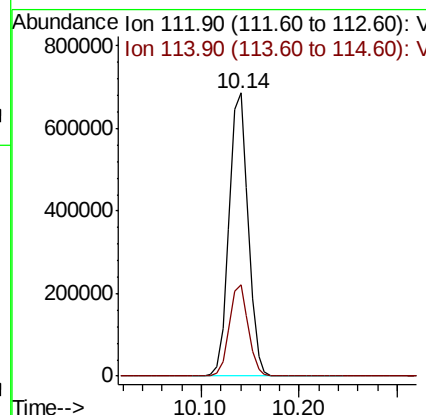
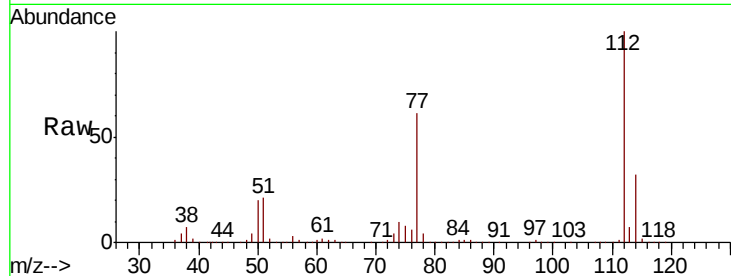




#65
Chlorobenzene
Concen: 146.103 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX008955.D
Acq: 15 Apr 2019 11:55

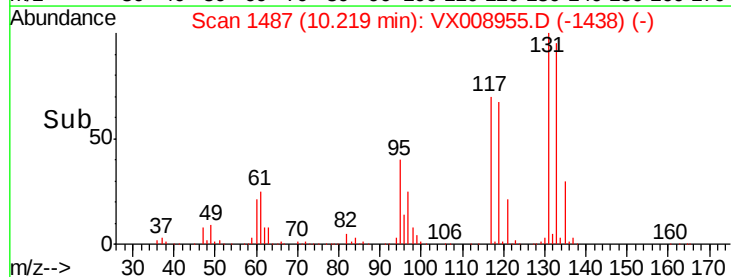
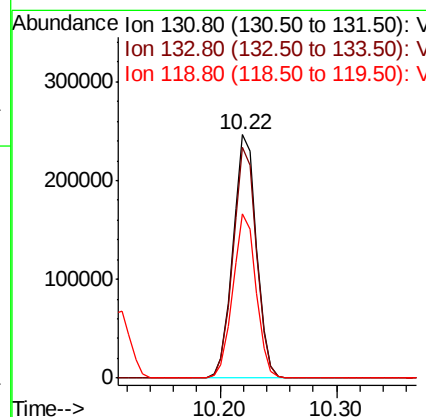
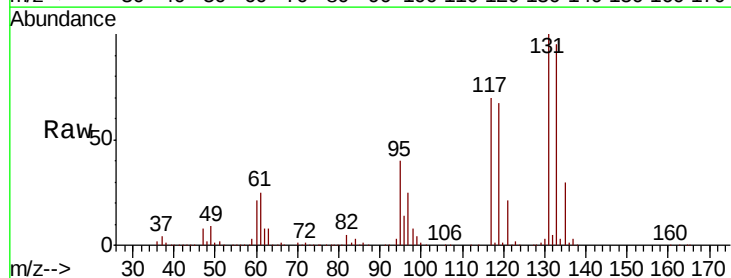
Instrument :
MSVOA_X
ClientSampleId :

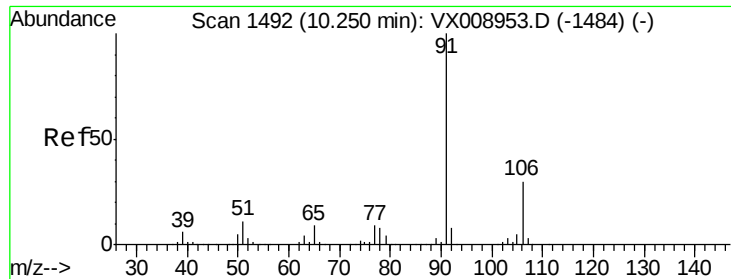
Tot Ion:112 Resp: 929540
Ion Ratio Lower Upper
112 100
114 32.1 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 154.441 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX008955.D
Acq: 15 Apr 2019 11:55

Tgt Ion:131 Resp: 344590
Ion Ratio Lower Upper
131 100
133 95.0 48.0 144.2
119 66.8 33.7 101.1

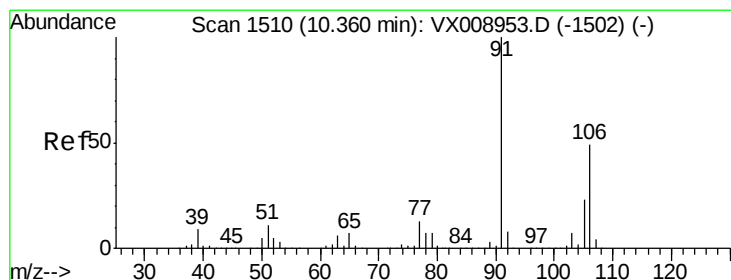
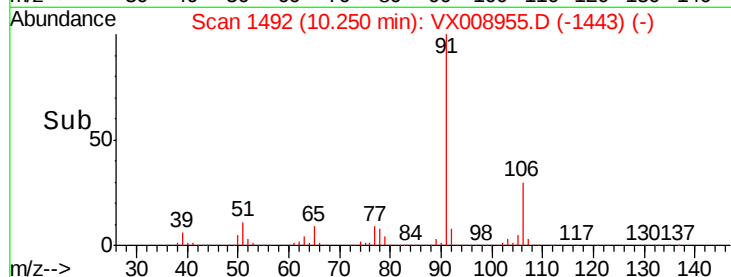
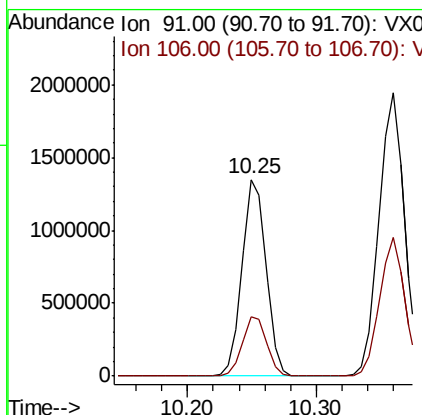
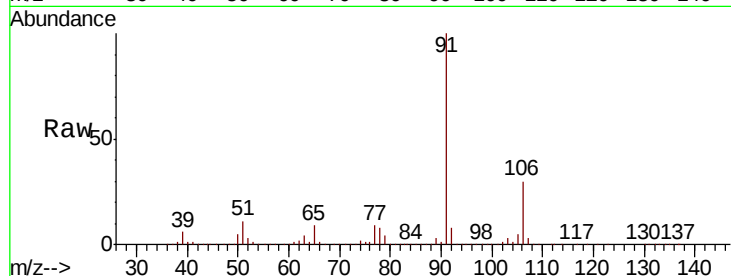




#67
Ethyl Benzene
Concen: 146.896 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX008955.D
Acq: 15 Apr 2019 11:55

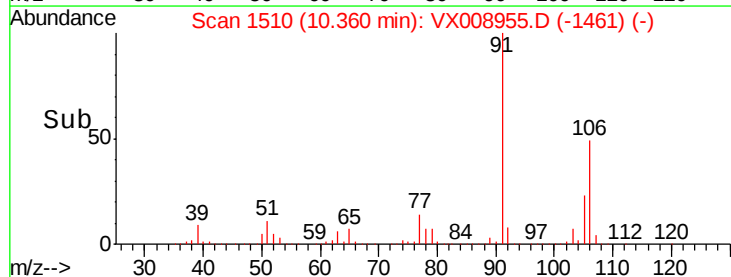
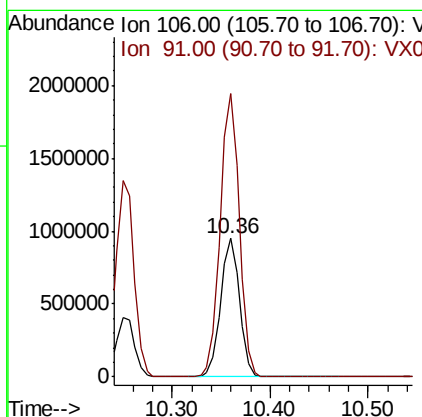
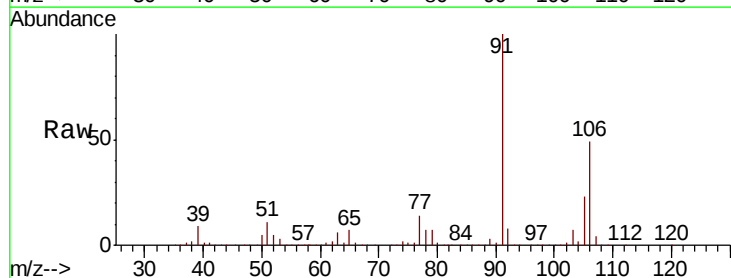
Instrument :
MSVOA_X
ClientSampleId :

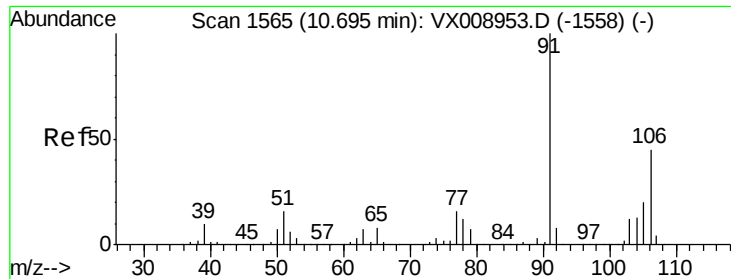
Tot Ion: 91 Resp: 1737869
Ion Ratio Lower Upper
91 100
106 30.0 24.3 36.5



#68
m/p-Xylenes
Concen: 298.863 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX008955.D
Acq: 15 Apr 2019 11:55

Tgt Ion: 106 Resp: 1273112
Ion Ratio Lower Upper
106 100
91 206.8 165.4 248.2

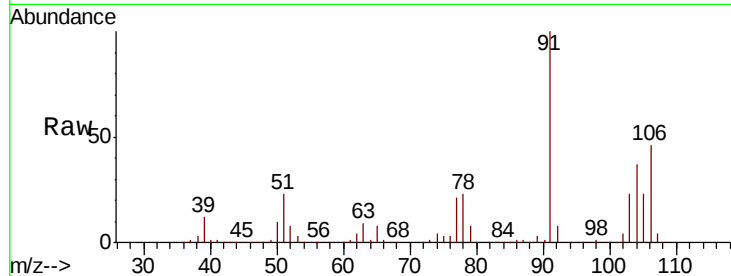




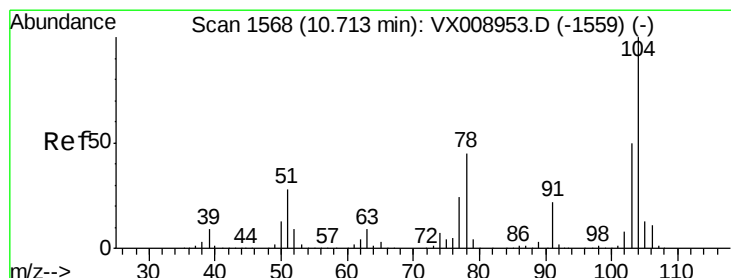
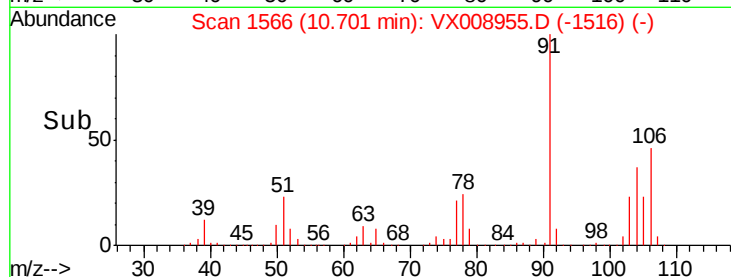
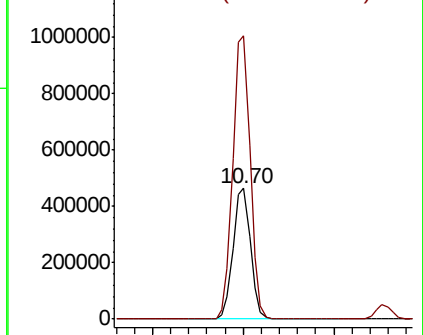
#69
o-Xylene
Concen: 149.140 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX008955.D
Acq: 15 Apr 2019 11:55

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 615858
Ion Ratio Lower Upper
106 100
91 218.0 108.9 326.7

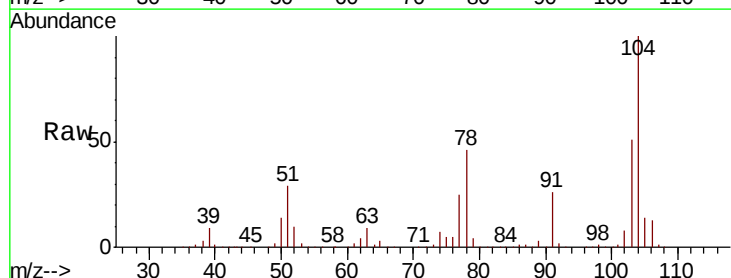


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

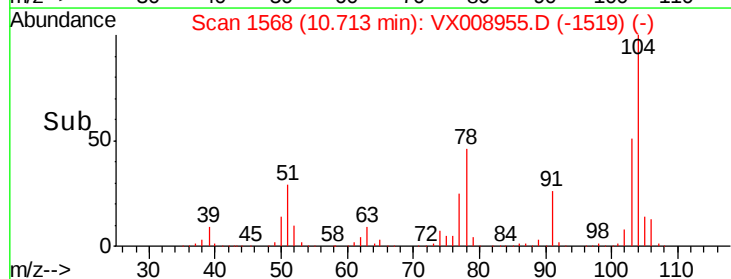
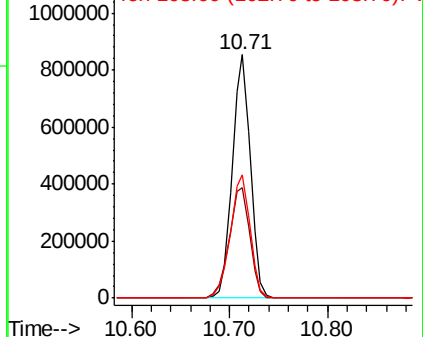


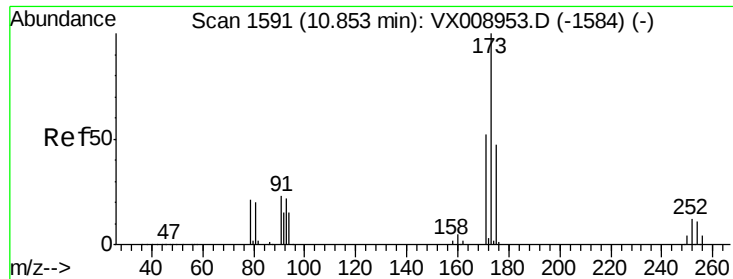
#70
Styrene
Concen: 153.442 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX008955.D
Acq: 15 Apr 2019 11:55

Tgt Ion:104 Resp: 1092320
Ion Ratio Lower Upper
104 100
78 52.2 41.2 61.8
103 55.3 43.9 65.9



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





#71

Bromoform

Concen: 173.601 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.01 min

Lab File: VX008955.D

Acq: 15 Apr 2019 11:55

Instrument :

MSVOA_X

ClientSampled :

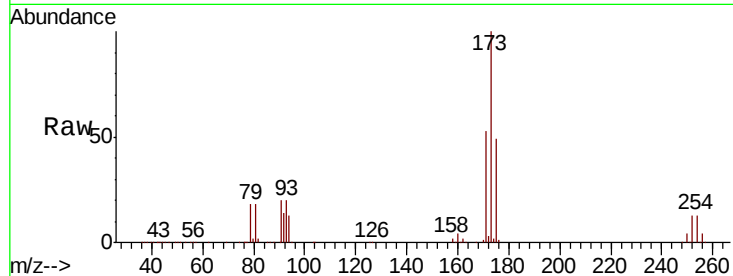
Tot Ion:173 Resp: 297319

Ion Ratio Lower Upper

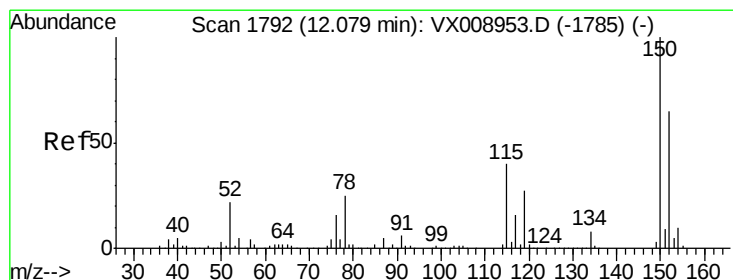
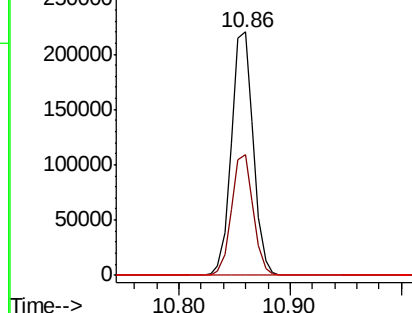
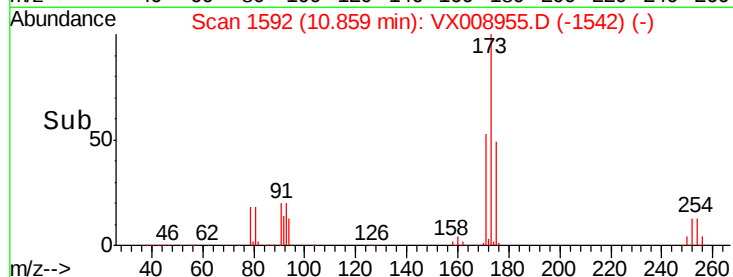
173 100

175 49.1 23.9 71.8

254 0.2 0.2 0.4#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX008955.D

Acq: 15 Apr 2019 11:55

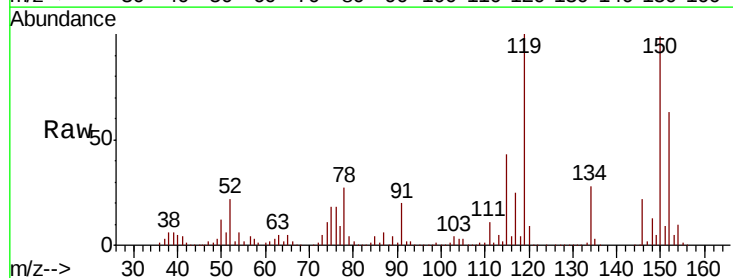
Tgt Ion:152 Resp: 151053

Ion Ratio Lower Upper

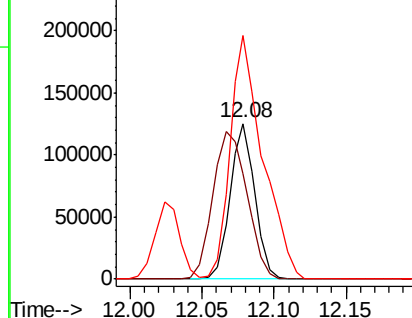
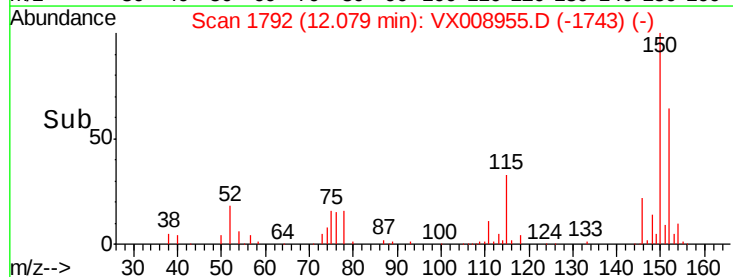
152 100

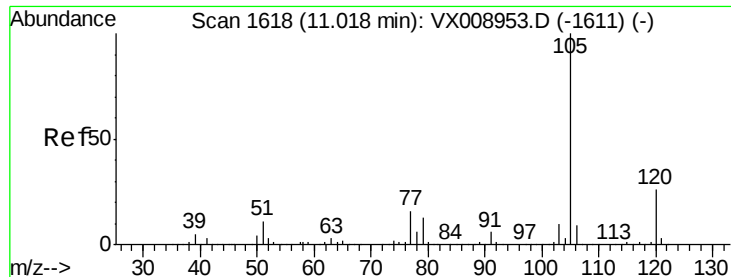
115 130.6 41.4 124.2#

150 205.8 0.0 349.8



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





#73

Isopropylbenzene

Concen: 133.592 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008955.D

Acq: 15 Apr 2019 11:55

Instrument :

MSVOA_X

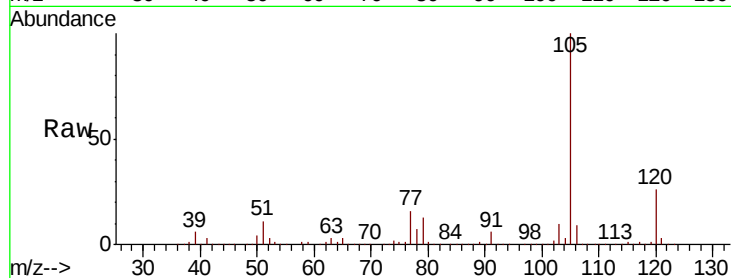
ClientSampleId :

Tot Ion:105 Resp: 1633685

Ion Ratio Lower Upper

105 100

120 26.0 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

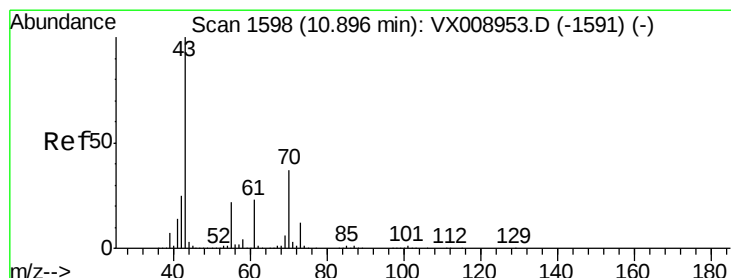
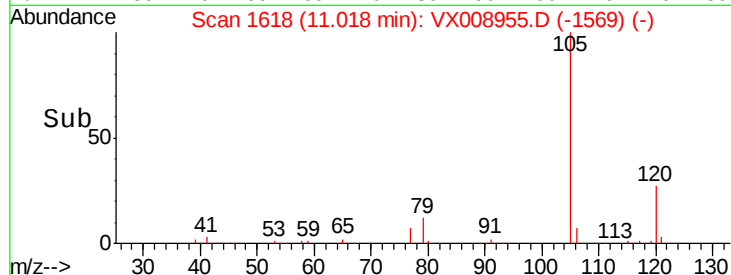
1500000

1000000

500000

0

Time-->



#74

N-ethyl acetate

Concen: 141.199 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008955.D

Acq: 15 Apr 2019 11:55

Tgt Ion: 43 Resp: 1015198

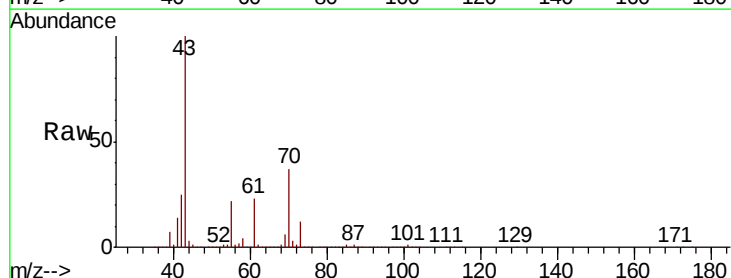
Ion Ratio Lower Upper

43 100

70 37.4 29.9 44.9

55 22.0 17.8 26.8

61 22.9 18.3 27.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

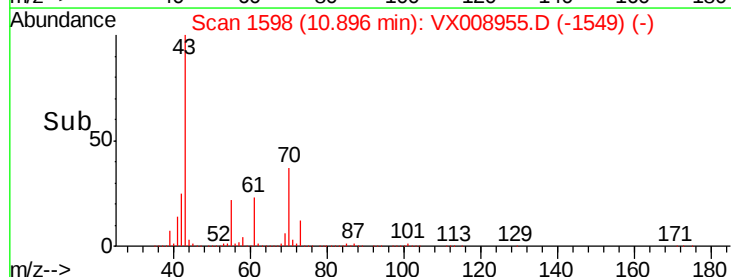
10.90

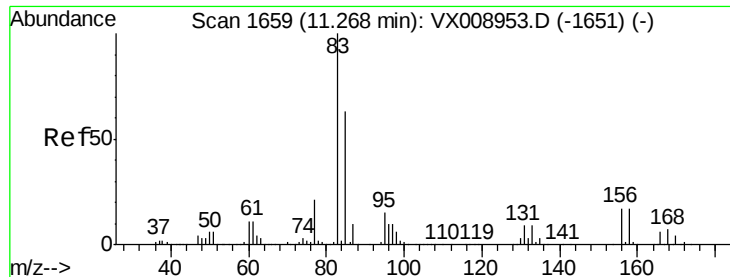
1000000

500000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 130.286 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008955.D

Acq: 15 Apr 2019 11:55

Instrument :

MSVOA_X

ClientSampleId :

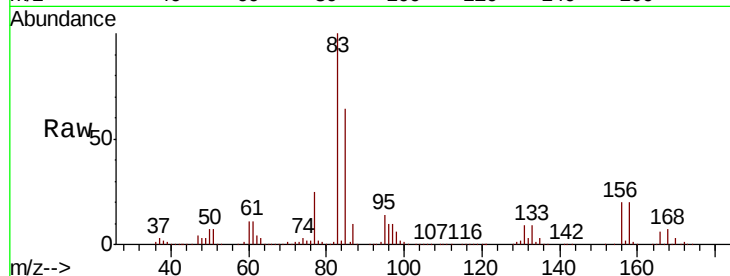
Tot Ion: 83 Resp: 604316

Ion Ratio Lower Upper

83 100

131 9.4 4.7 14.0

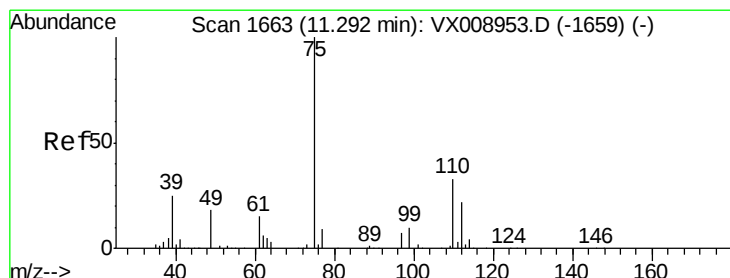
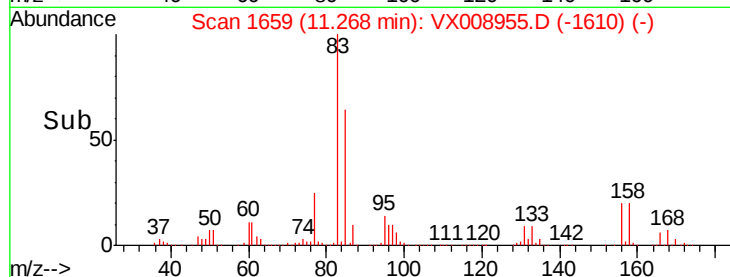
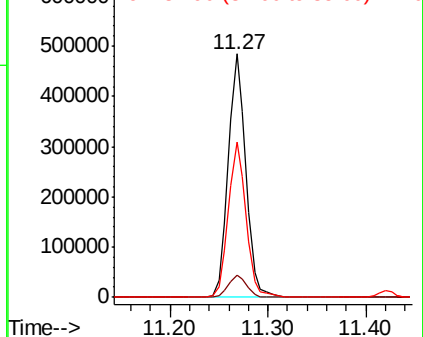
85 64.3 31.9 95.9



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: 183.412 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.01 min

Lab File: VX008955.D

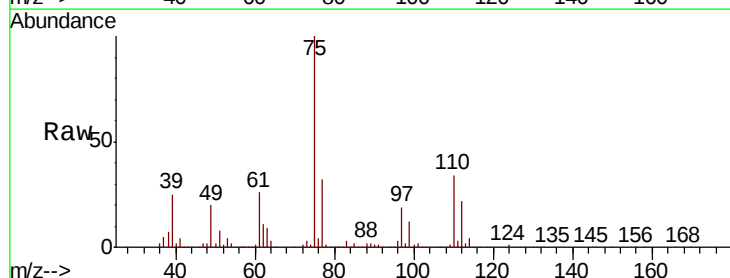
Acq: 15 Apr 2019 11:55

Tgt Ion: 75 Resp: 743094

Ion Ratio Lower Upper

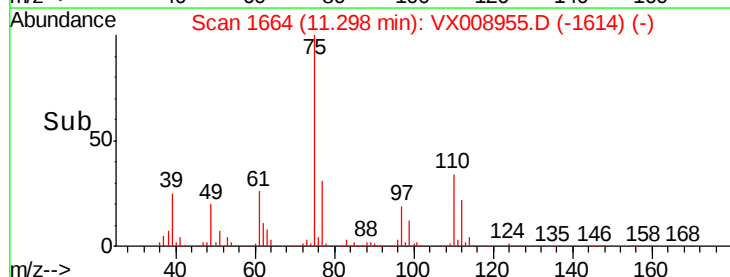
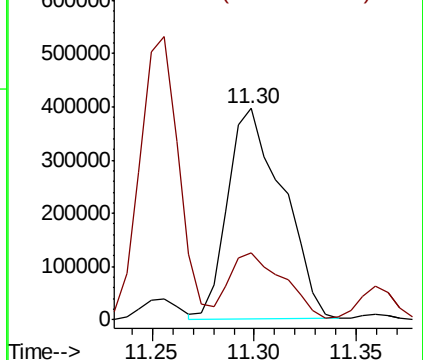
75 100

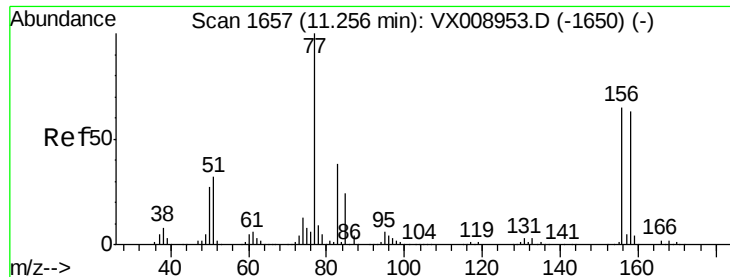
77 31.0 22.7 68.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 138.171 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008955.D

Acq: 15 Apr 2019 11:55

Instrument :

MSVOA_X

ClientSampleId :

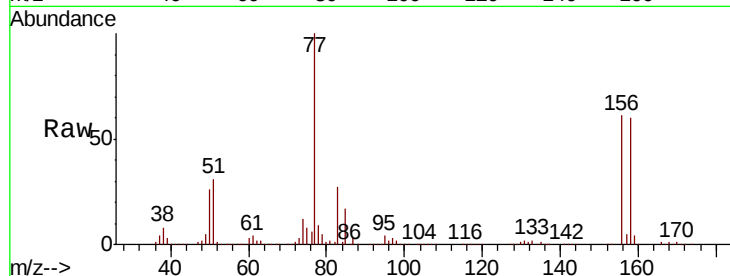
Tot Ion:156 Resp: 408488

Ion Ratio Lower Upper

156 100

77 172.8 85.4 256.1

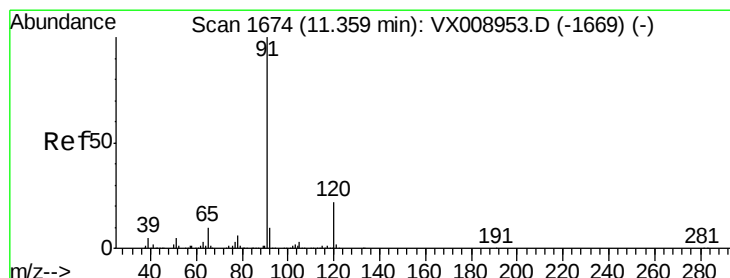
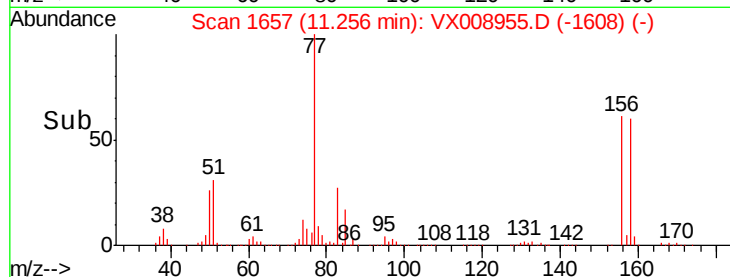
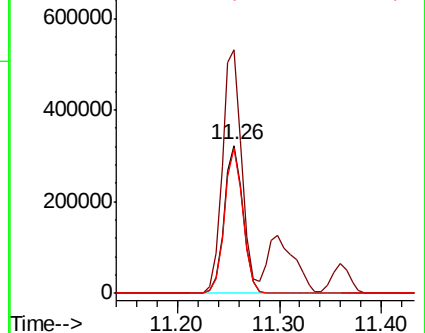
158 97.2 48.8 146.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 136.302 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008955.D

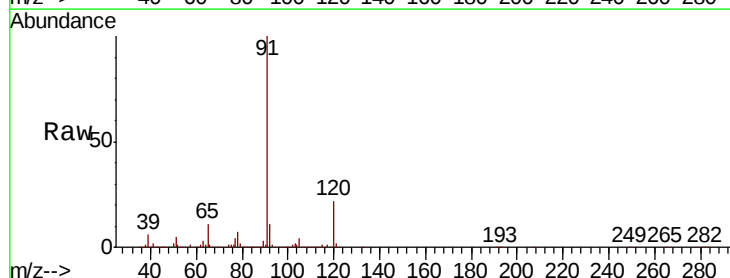
Acq: 15 Apr 2019 11:55

Tgt Ion: 91 Resp: 1939782

Ion Ratio Lower Upper

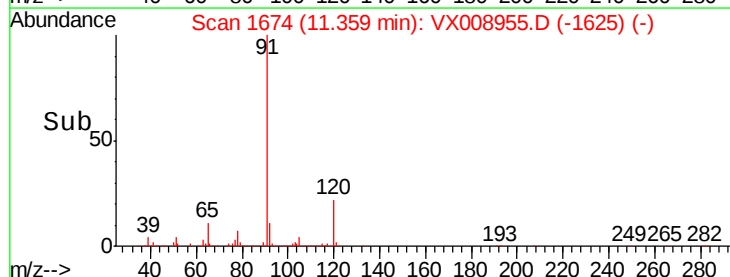
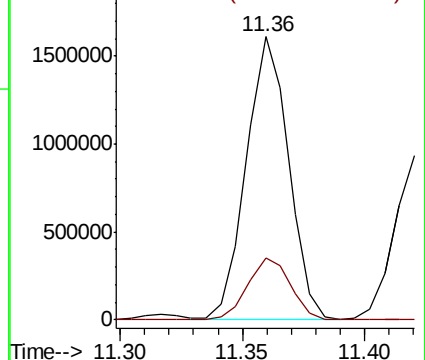
91 100

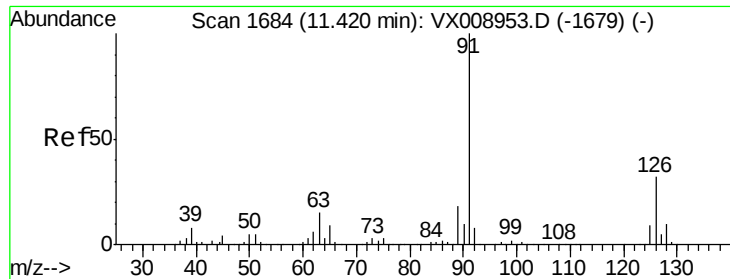
120 22.3 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 131.947 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX008955.D

Acq: 15 Apr 2019 11:55

Instrument :

MSVOA_X

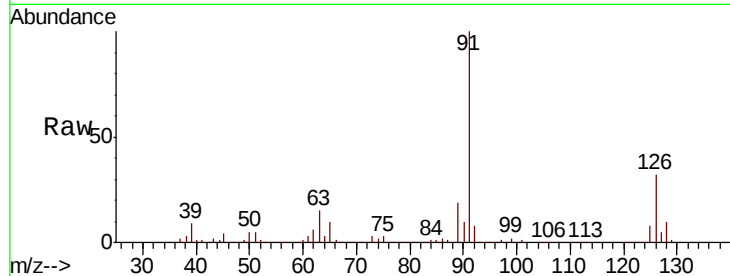
ClientSampleId :

Tot Ion: 91 Resp: 1135827

Ion Ratio Lower Upper

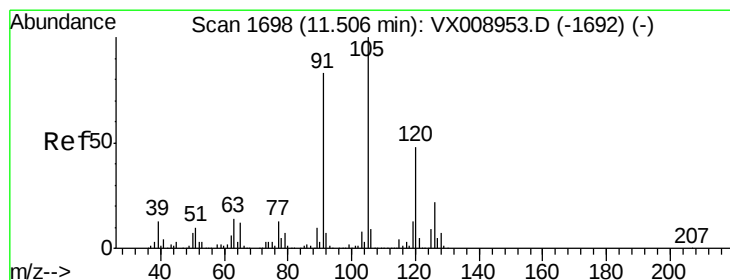
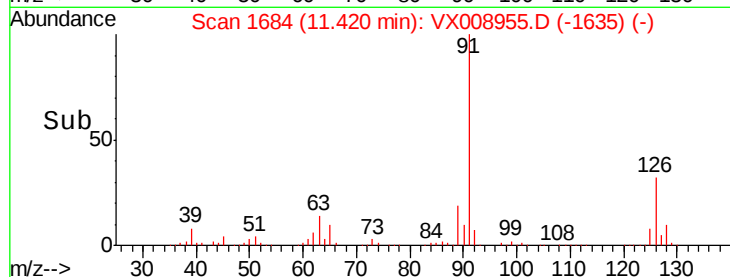
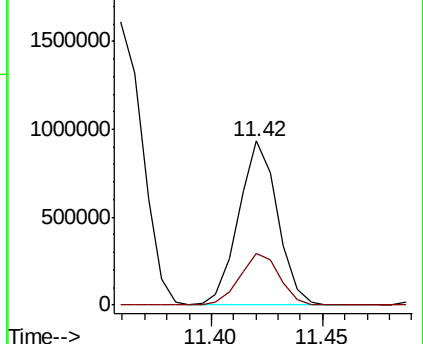
91 100

126 32.5 16.3 48.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 138.078 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008955.D

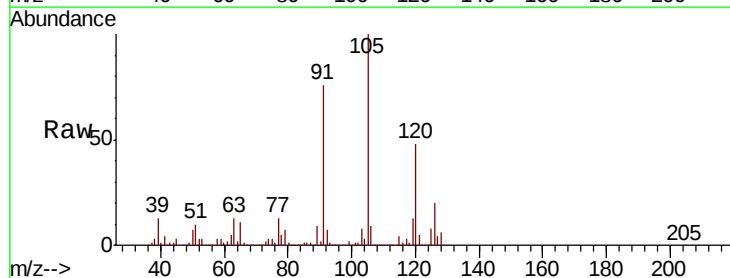
Acq: 15 Apr 2019 11:55

Tgt Ion:105 Resp: 1415106

Ion Ratio Lower Upper

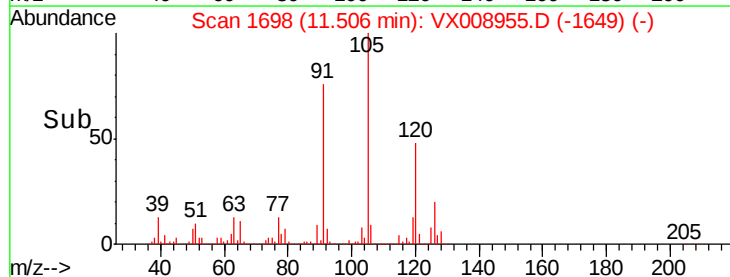
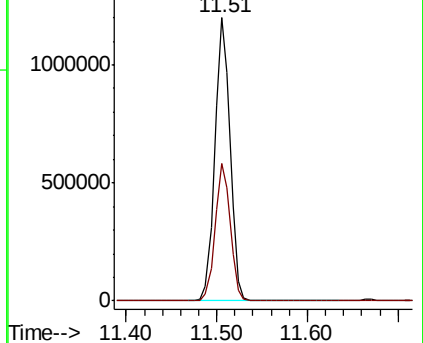
105 100

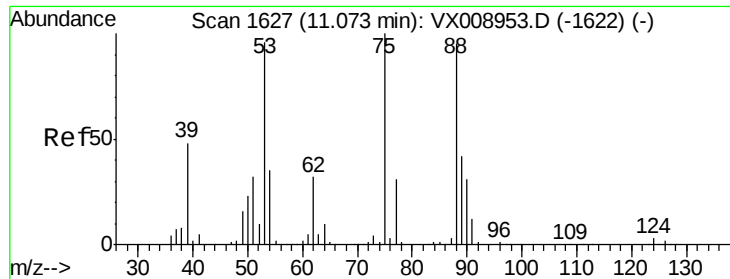
120 48.2 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 157.539 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX008955.D

Acq: 15 Apr 2019 11:55

Instrument :

MSVOA_X

ClientSampleId :

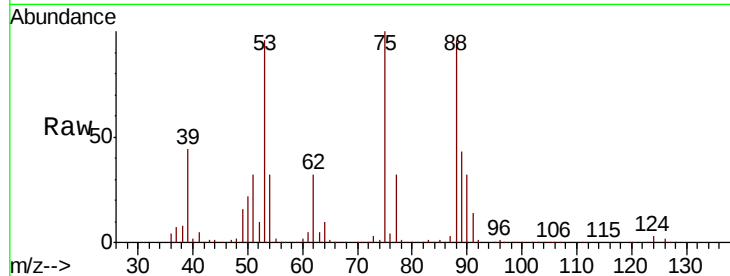
Tot Ion: 75 Resp: 233469

Ion Ratio Lower Upper

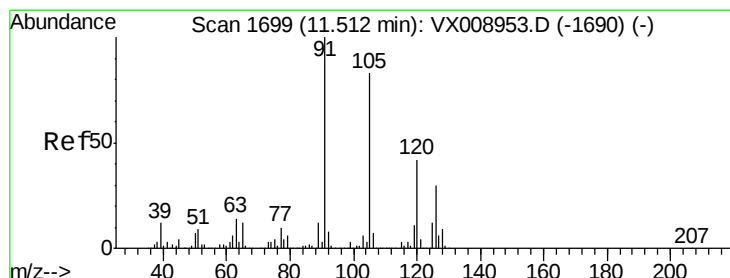
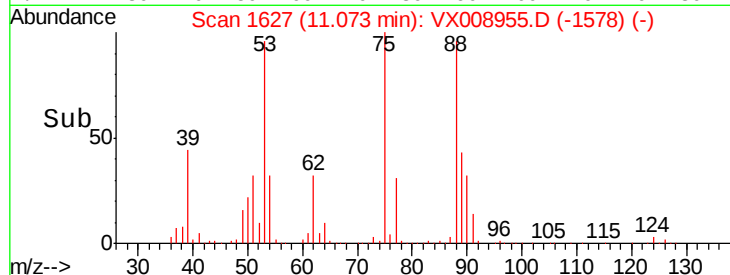
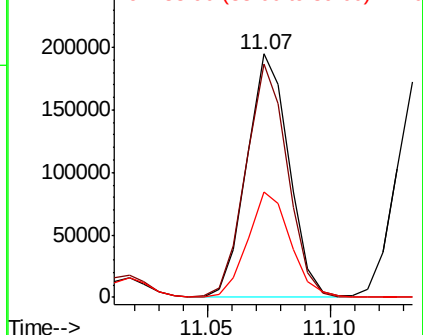
75 100

53 94.9 78.2 117.4

89 44.4 36.0 54.0



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



#82

4-Chlorotoluene

Concen: 135.183 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX008955.D

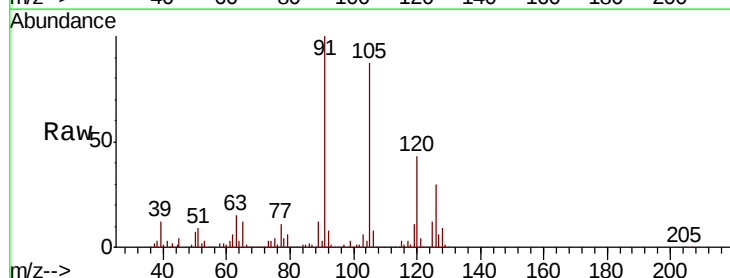
Acq: 15 Apr 2019 11:55

Tgt Ion: 91 Resp: 1347693

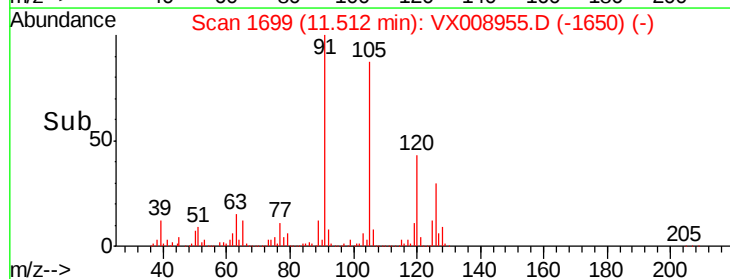
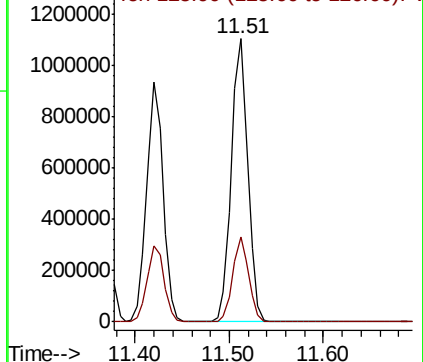
Ion Ratio Lower Upper

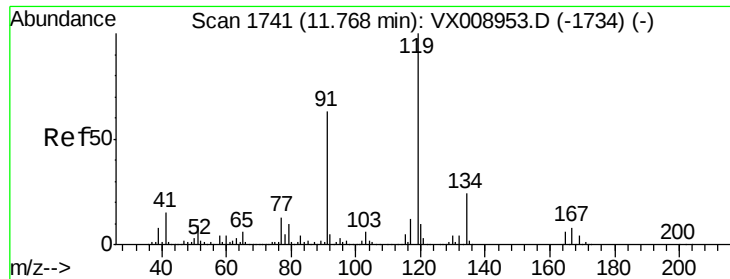
91 100

126 29.0 14.3 42.9



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

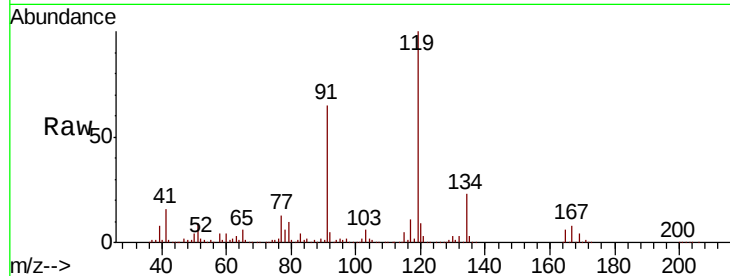




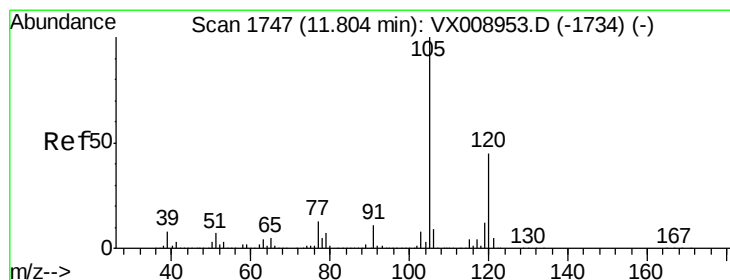
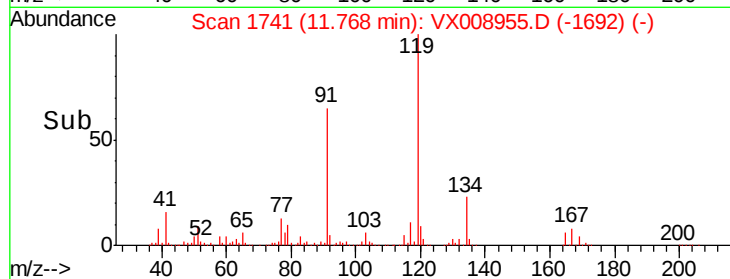
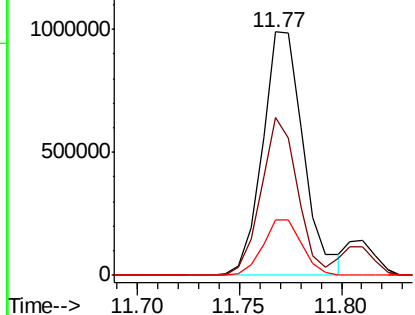
#83
 tert-Butylbenzene
 Concen: 140.259 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX008955.D
 Acq: 15 Apr 2019 11:55

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:119 Resp: 1384524
 Ion Ratio Lower Upper
 119 100
 91 57.5 29.7 89.1
 134 21.7 11.2 33.5

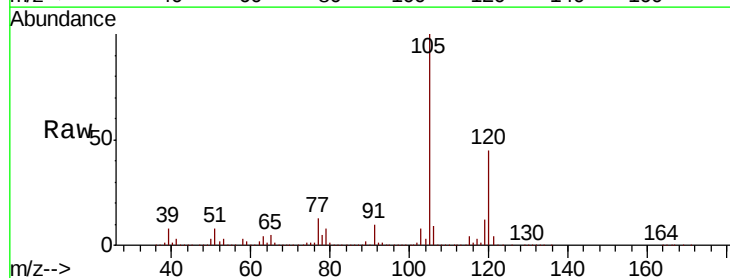


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VX0
 Ion 134.00 (133.70 to 134.70): V

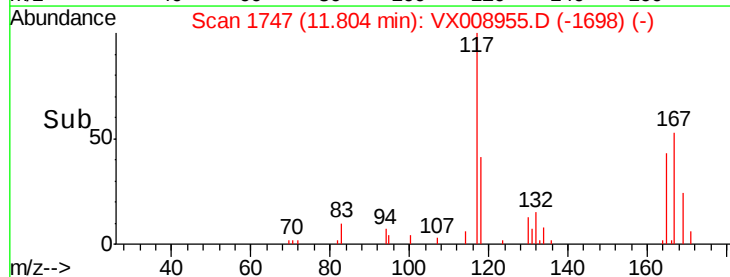
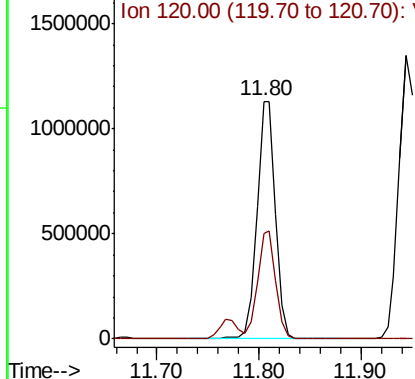


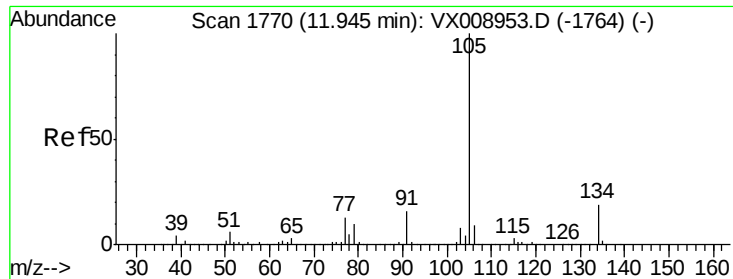
#84
 1,2,4-Trimethylbenzene
 Concen: 138.282 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX008955.D
 Acq: 15 Apr 2019 11:55

Tgt Ion:105 Resp: 1435705
 Ion Ratio Lower Upper
 105 100
 120 44.4 21.9 65.8



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 138.996 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008955.D

Acq: 15 Apr 2019 11:55

Instrument :

MSVOA_X

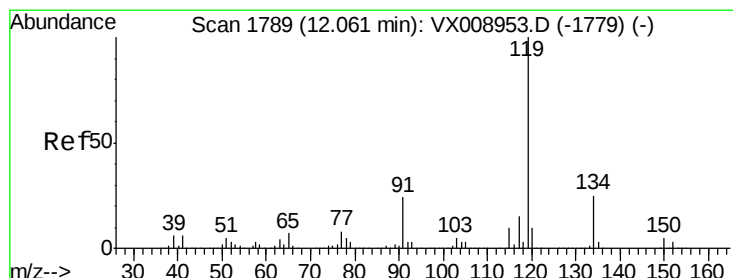
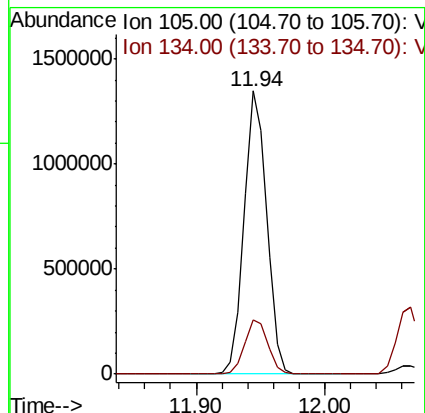
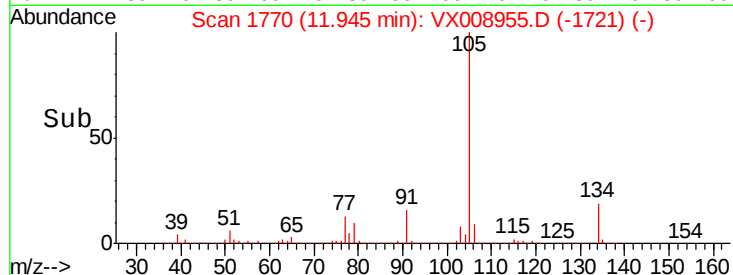
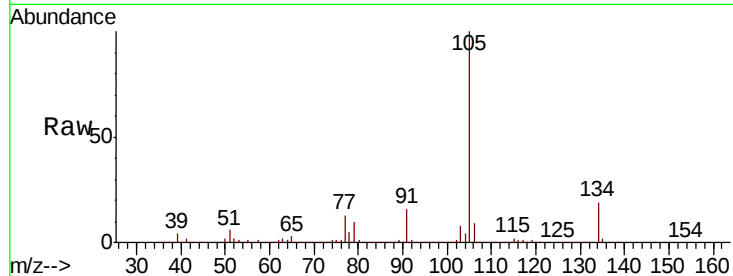
ClientSampled :

Tot Ion:105 Resp: 1629972

Ion Ratio Lower Upper

105 100

134 19.6 9.6 28.6



#86

p-Isopropyltoluene

Concen: 142.628 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.01 min

Lab File: VX008955.D

Acq: 15 Apr 2019 11:55

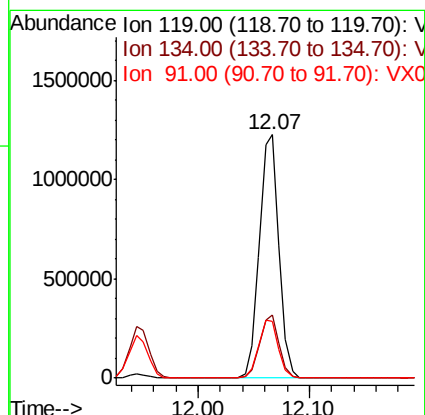
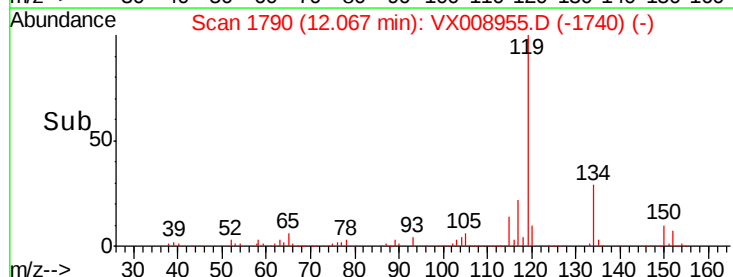
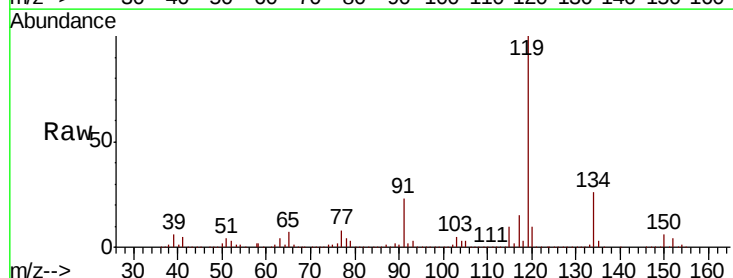
Tgt Ion:119 Resp: 1505834

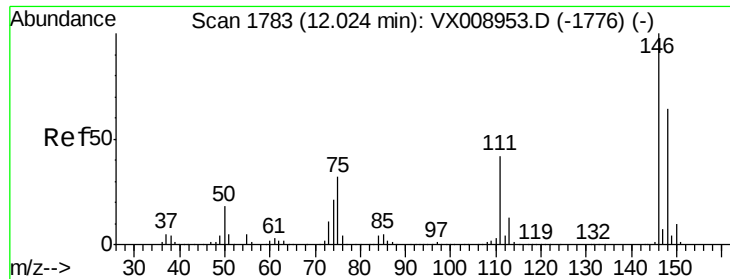
Ion Ratio Lower Upper

119 100

134 25.7 12.9 38.6

91 23.9 11.9 35.5

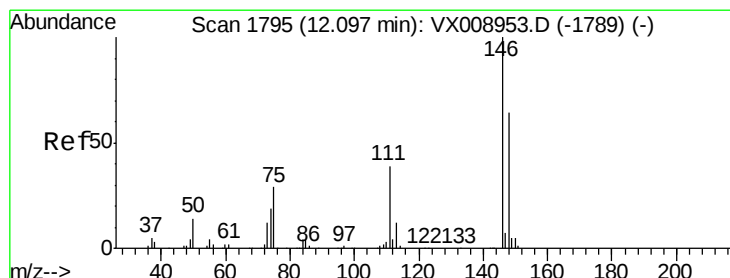
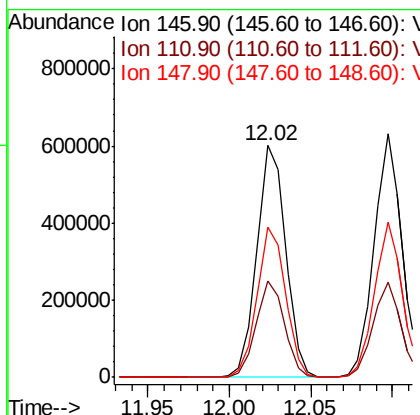
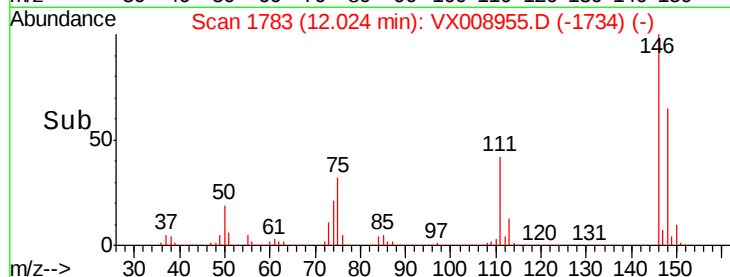
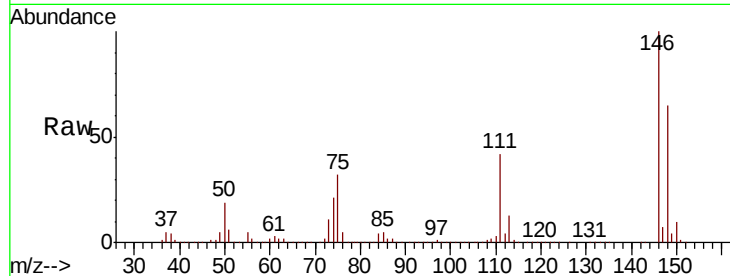




#87
 1,3-Dichlorobenzene
 Concen: 140.850 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008955.D
 Acq: 15 Apr 2019 11:55

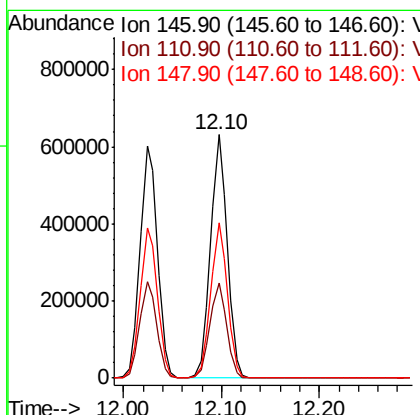
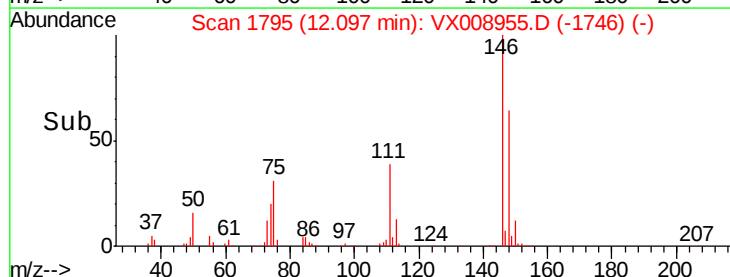
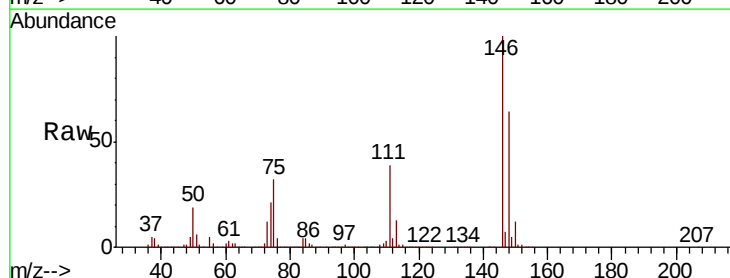
Instrument :
 MSVOA_X
 ClientSampleId :

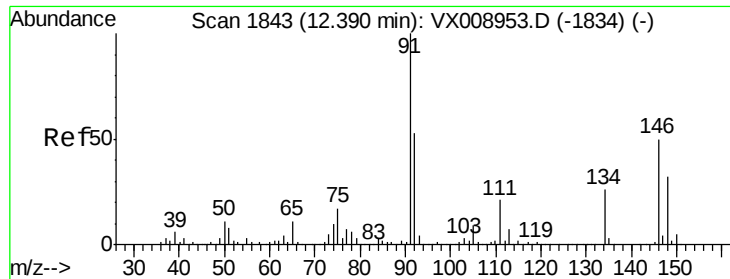
Tot Ion:146 Resp: 745092
 Ion Ratio Lower Upper
 146 100
 111 40.9 20.5 61.6
 148 64.0 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 139.470 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX008955.D
 Acq: 15 Apr 2019 11:55

Tgt Ion:146 Resp: 748286
 Ion Ratio Lower Upper
 146 100
 111 39.4 20.0 59.9
 148 63.7 32.2 96.6





#89

n-Butylbenzene

Concen: 146.602 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX008955.D

Acq: 15 Apr 2019 11:55

Instrument :

MSVOA_X

ClientSampleId :

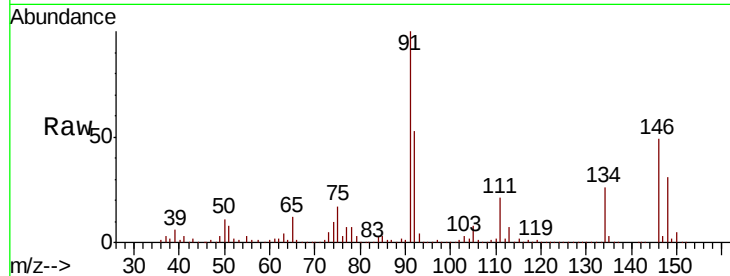
Tot Ion: 91 Resp: 1450017

Ion	Ratio	Lower	Upper
91	100		
92	53.2	26.6	79.8
134	25.0	12.4	37.2

91 100

92 53.2 26.6 79.8

134 25.0 12.4 37.2

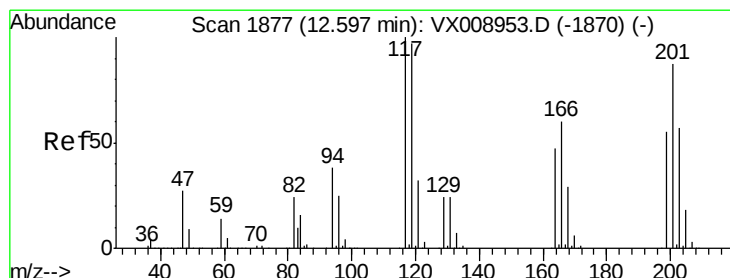
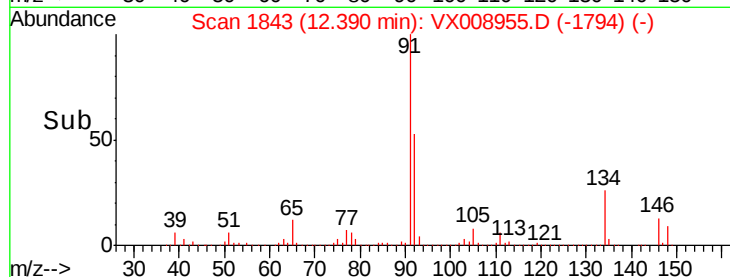
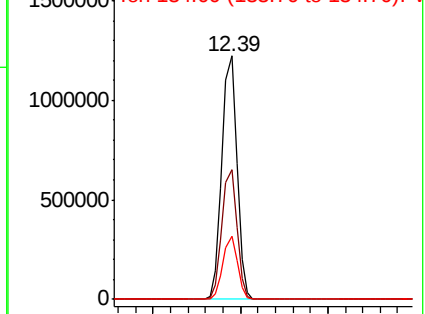


Abundance

Ion 91.00 (90.70 to 91.70): VX008953.D (-1834) (-)

Ion 92.00 (91.70 to 92.70): VX008953.D (-1834) (-)

Ion 134.00 (133.70 to 134.70): VX008953.D (-1834) (-)



#90

Hexachloroethane

Concen: 151.062 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX008955.D

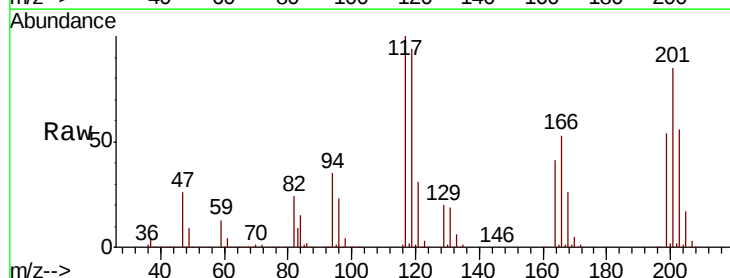
Acq: 15 Apr 2019 11:55

Tgt Ion: 117 Resp: 264780

Ion	Ratio	Lower	Upper
117	100		
201	85.8	43.0	129.0

117 100

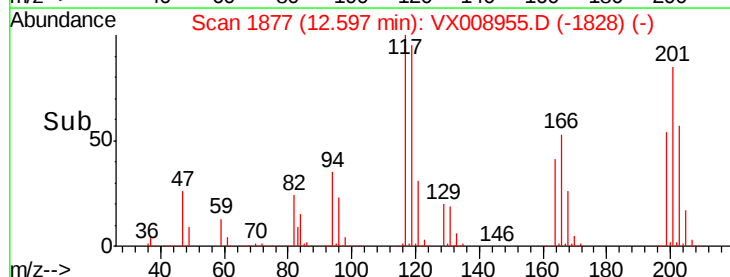
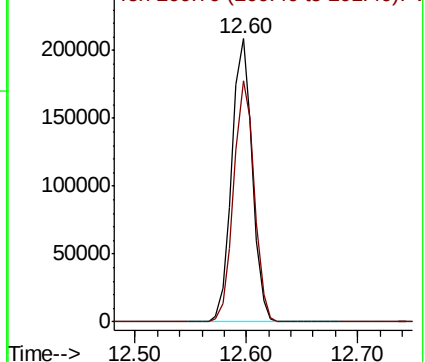
201 85.8 43.0 129.0

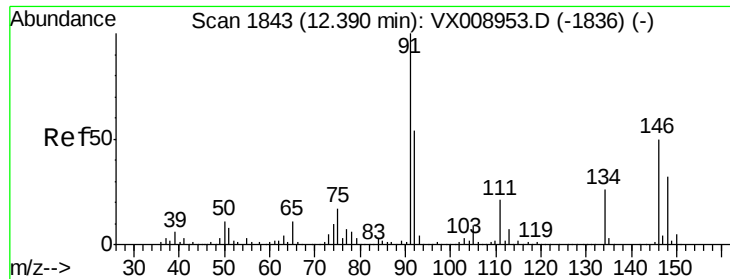


Abundance

Ion 116.80 (116.50 to 117.50): VX008953.D (-1870) (-)

Ion 200.70 (200.40 to 201.40): VX008953.D (-1870) (-)





#91

1,2-Dichlorobenzene

Concen: 142.482 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX008955.D

Acq: 15 Apr 2019 11:55

Instrument :

MSVOA_X

ClientSampleId :

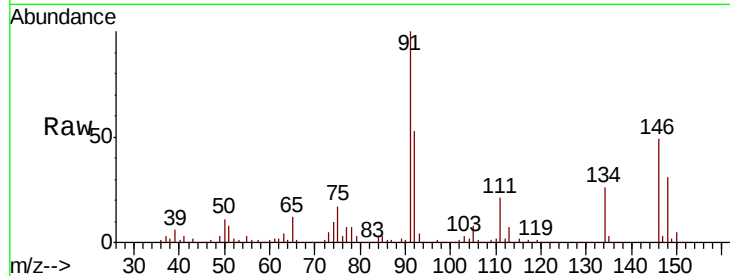
Tot Ion:146 Resp: 748262

Ion Ratio Lower Upper

146 100

111 41.8 20.6 61.9

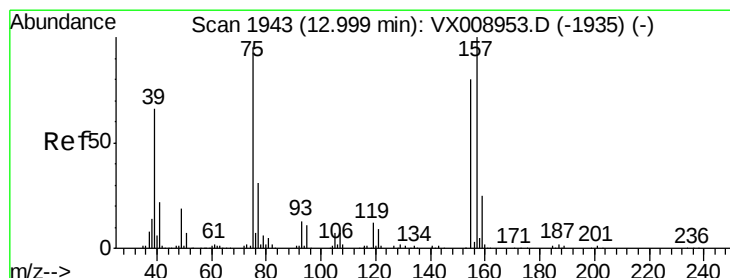
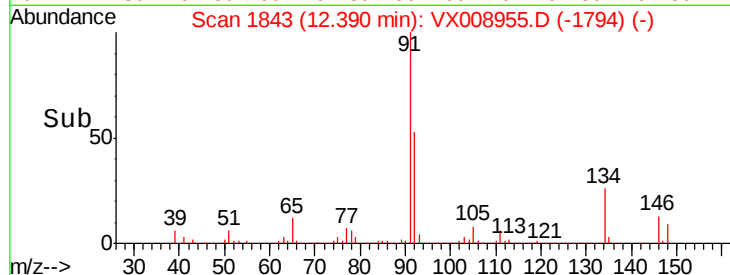
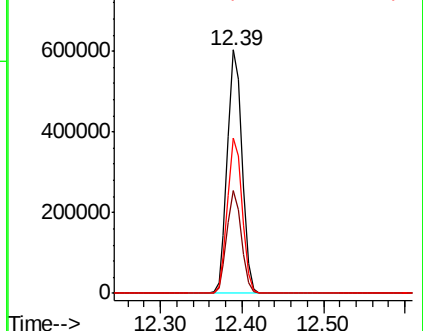
148 63.7 32.0 96.2



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: 143.819 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX008955.D

Acq: 15 Apr 2019 11:55

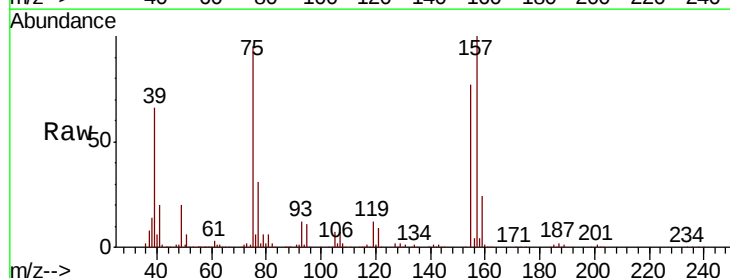
Tgt Ion: 75 Resp: 147179

Ion Ratio Lower Upper

75 100

155 82.6 41.2 123.6

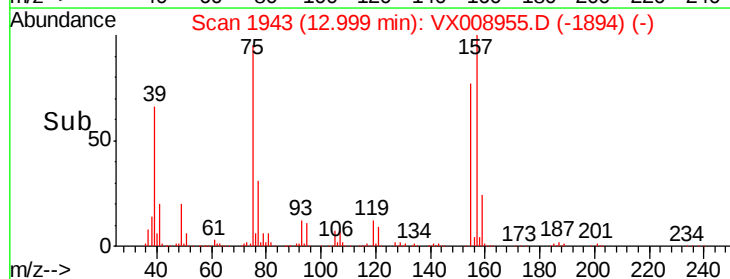
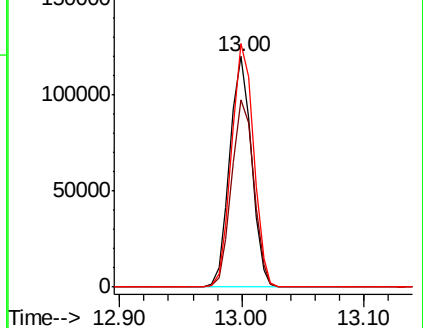
157 106.7 52.5 157.6

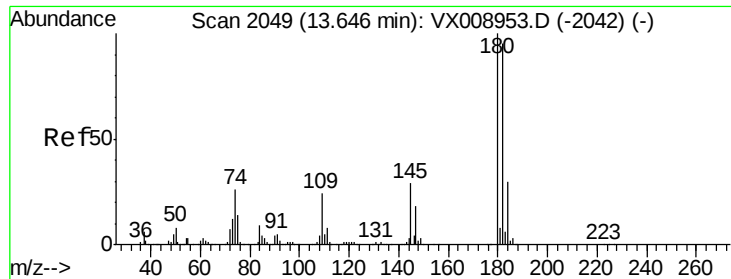


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

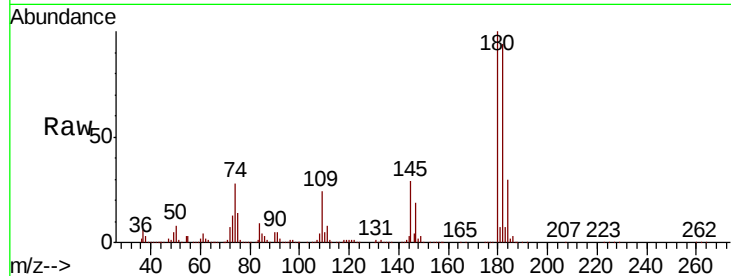




#93
 1,2,4-Trichlorobenzene
 Concen: 150.335 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008955.D
 Acq: 15 Apr 2019 11:55

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.6	142.9
145	29.4	14.8	44.4

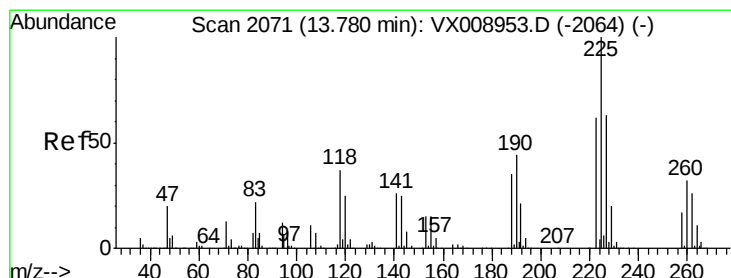
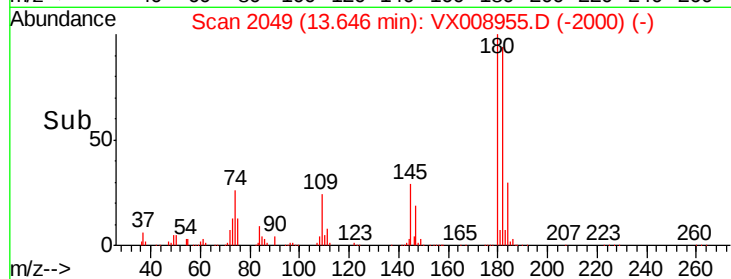
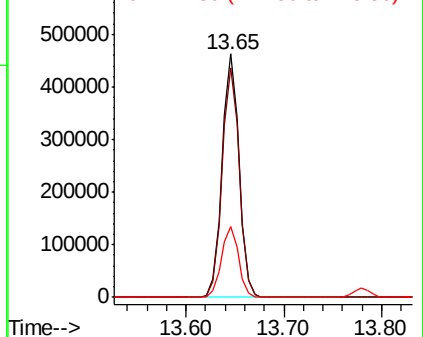


Abundance

Ion 179.80 (179.50 to 180.50): V

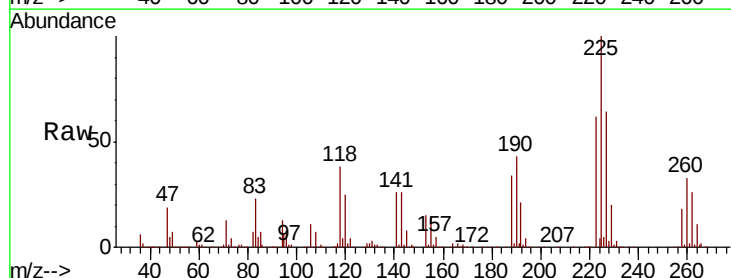
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 153.130 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008955.D
 Acq: 15 Apr 2019 11:55

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	31.1	93.2
227	64.5	32.0	96.2

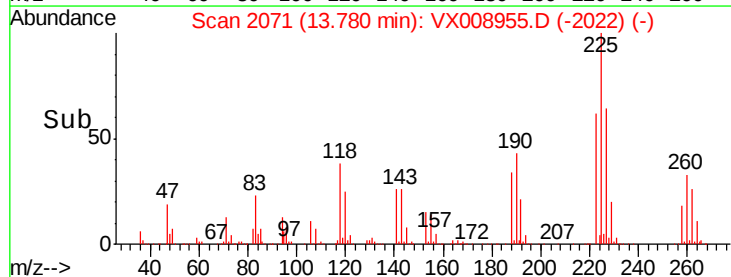
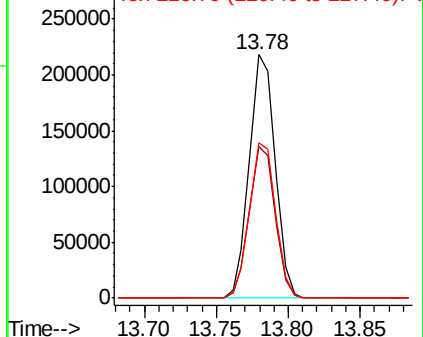


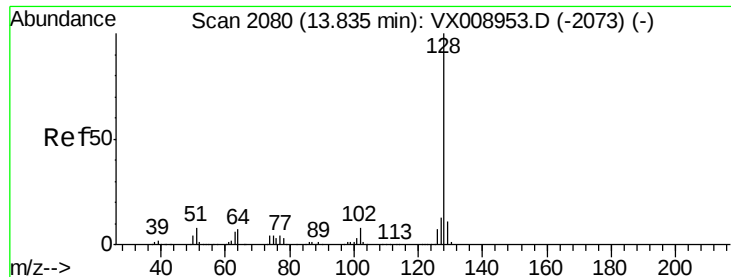
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 145.904 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX008955.D

Acq: 15 Apr 2019 11:55

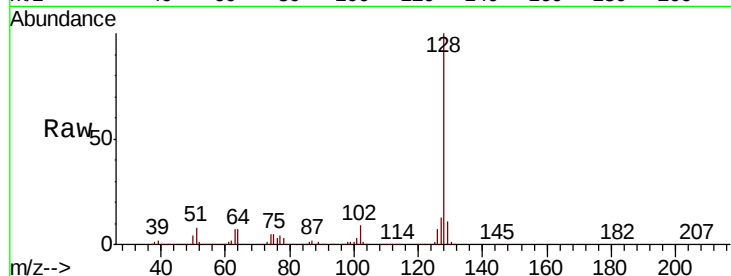
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:128 Resp: 1779305

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.6	16.0
129	10.9	8.6	13.0

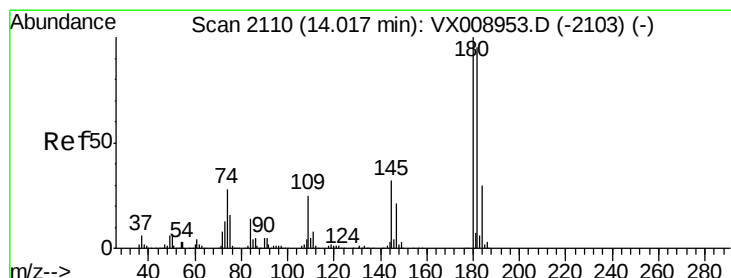
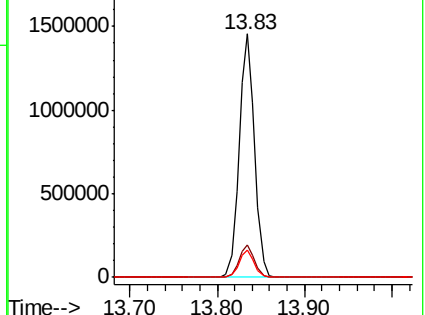
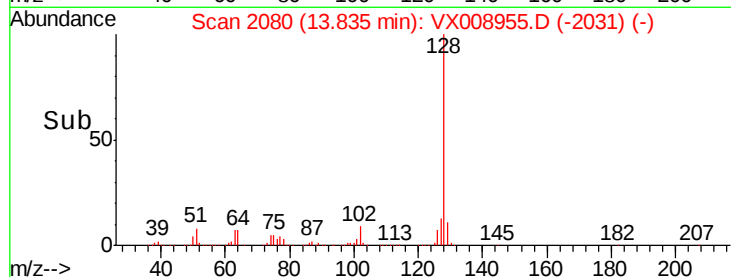


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 148.500 ug/l

RT: 14.02 min Scan# 2110

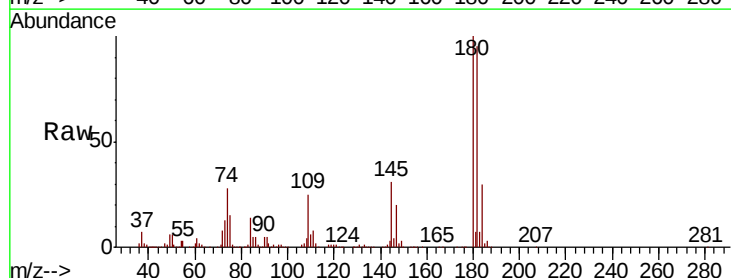
Delta R.T. -0.00 min

Lab File: VX008955.D

Acq: 15 Apr 2019 11:55

Tgt Ion:180 Resp: 545247

Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.8	143.4
145	31.1	15.8	47.3



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

