

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041519\
 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 :
 VSTDICC150

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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Quant Title : SW846 8260
QLast Update : Tue Apr 16 01:38:37 2019
Response via : Initial Calibration

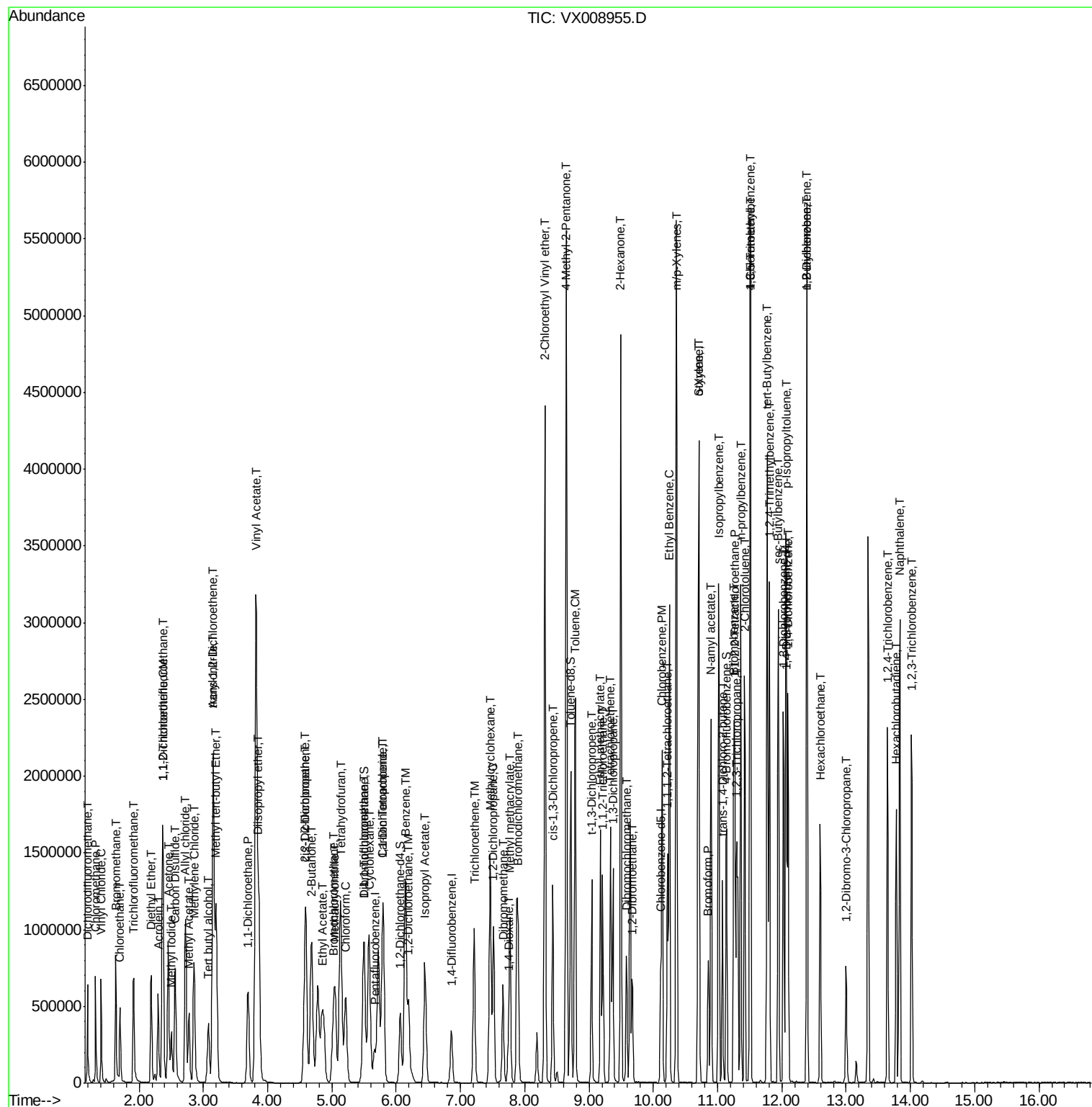
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	553609	150.335	ug/l	100
94) Hexachlorobutadiene	13.78	225	270262	153.130	ug/l	100
95) Naphthalene	13.83	128	1779305	145.904	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	545247	148.500	ug/l	100

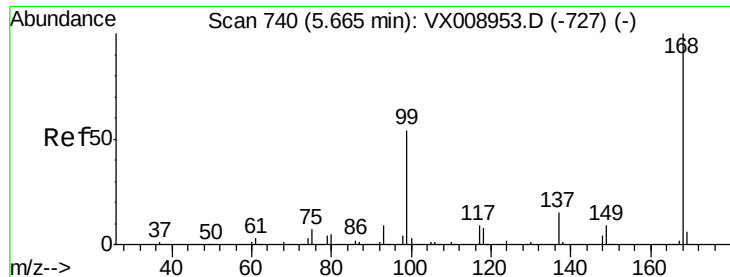
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#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

ClientSampleId :

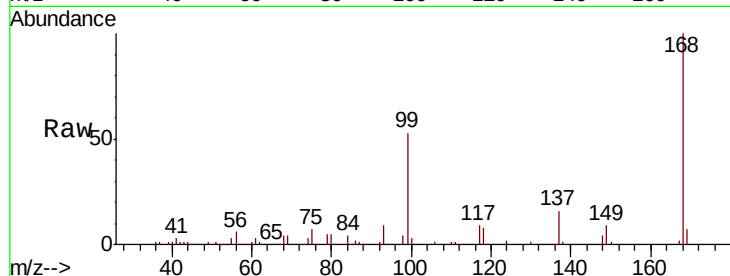
VSTDIC150

Tot Ion:168 Resp: 206251

Ion Ratio Lower Upper

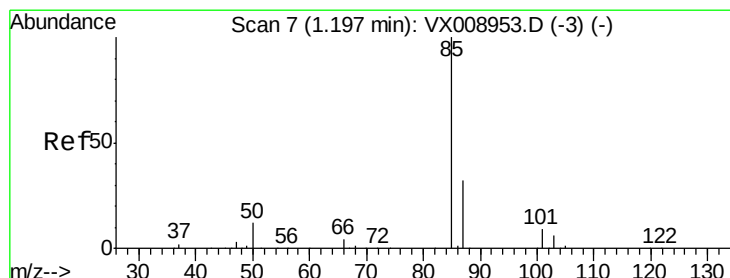
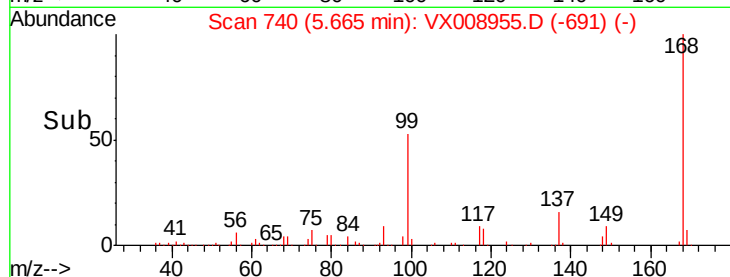
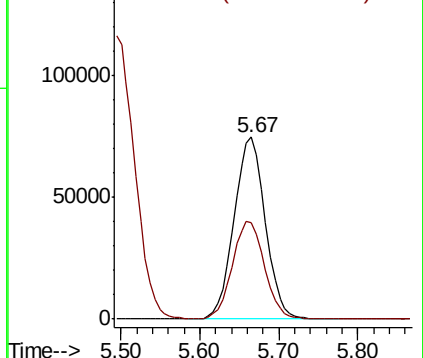
168 100

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

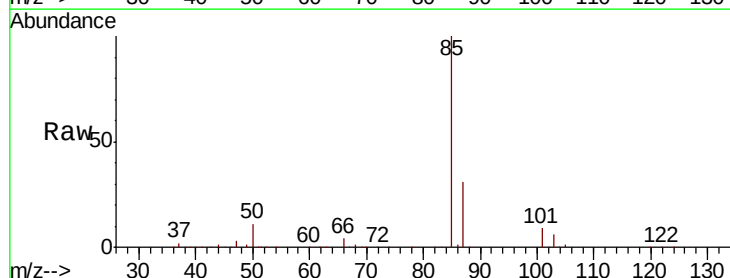
Acq: 15 Apr 2019 11:55

Tgt Ion: 85 Resp: 392451

Ion Ratio Lower Upper

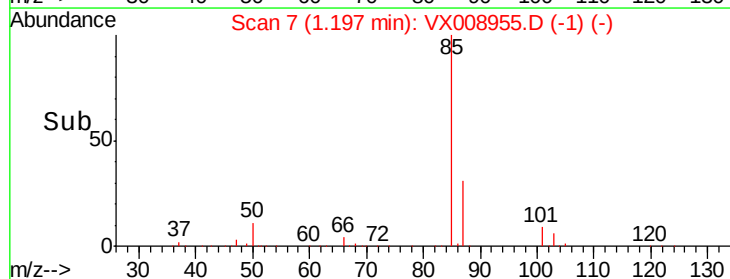
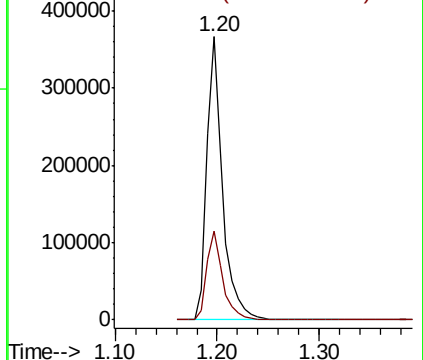
85 100

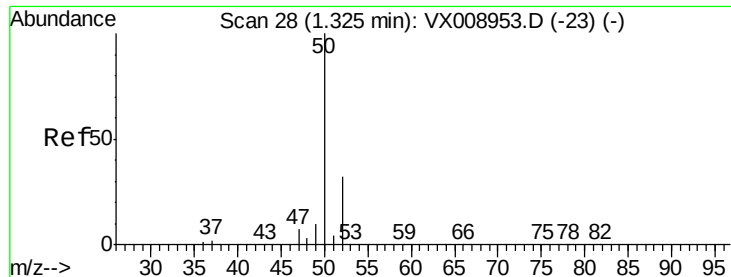
87 31.3 16.0 47.9



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 :

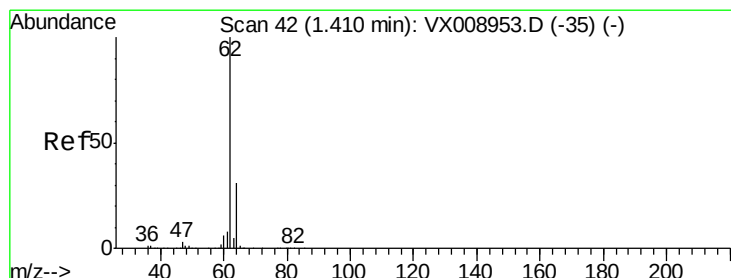
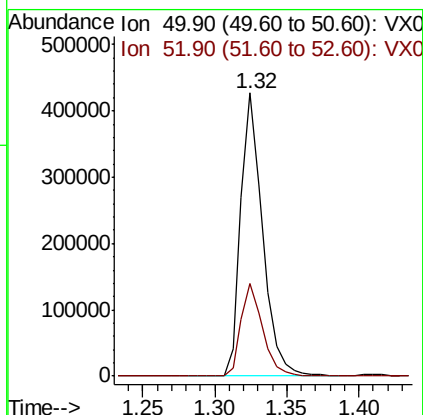
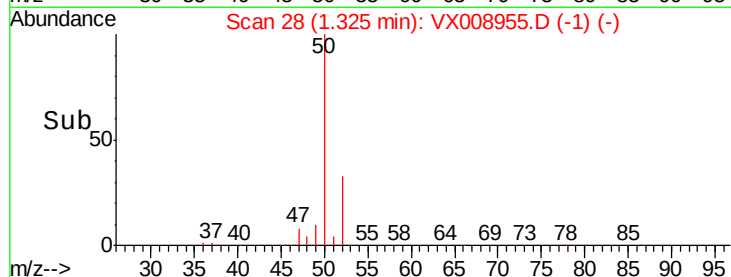
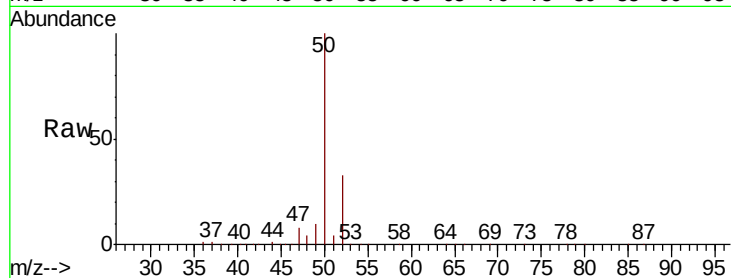
VSTDIC150

Tot Ion: 50 Resp: 452635

Ion Ratio Lower Upper

50 100

52 32.8 25.5 38.3



#4

Vinyl Chloride

Concen: 141.548 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX008955.D

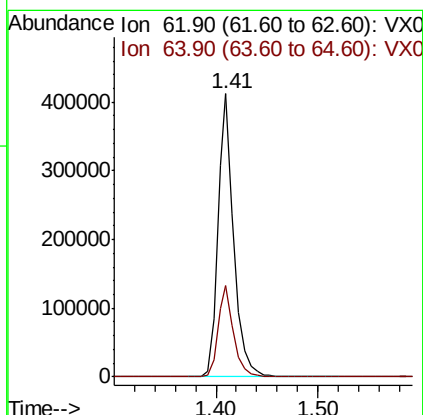
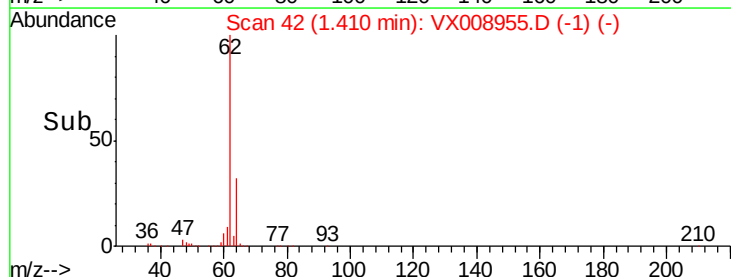
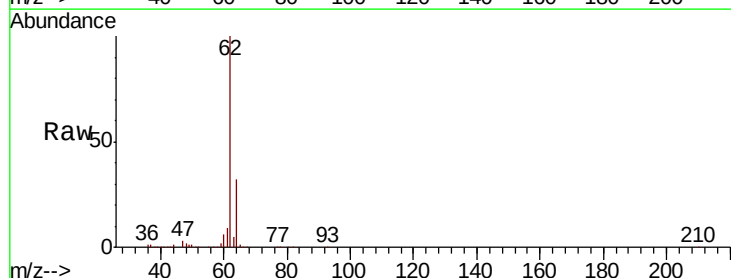
Acq: 15 Apr 2019 11:55

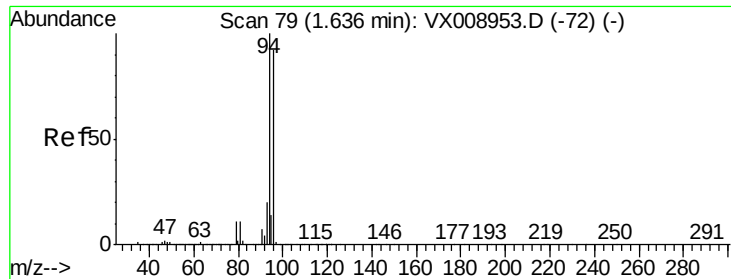
Tgt Ion: 62 Resp: 444825

Ion Ratio Lower Upper

62 100

64 32.2 25.0 37.4

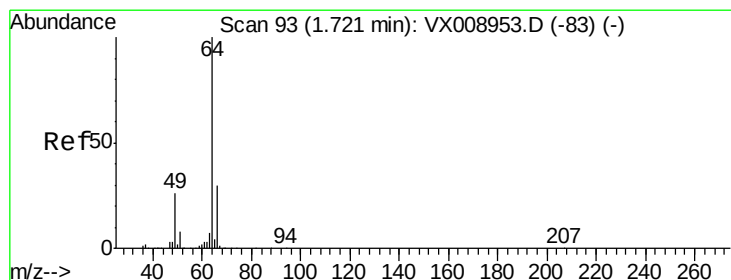
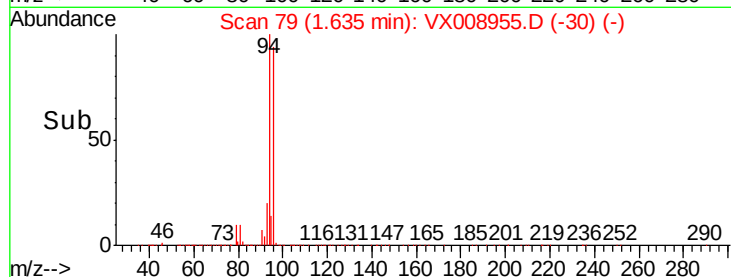
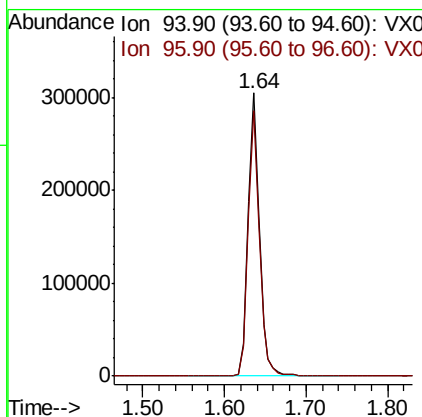
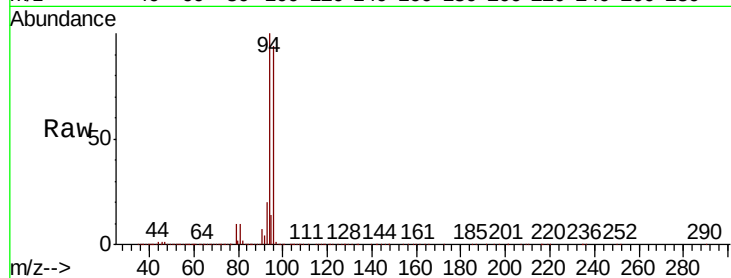




#5
Bromomethane
Concen: 168.814 ug/l
RT: 1.64 min Scan# 79
Delta R.T. -0.00 min
Lab File: VX008955.D
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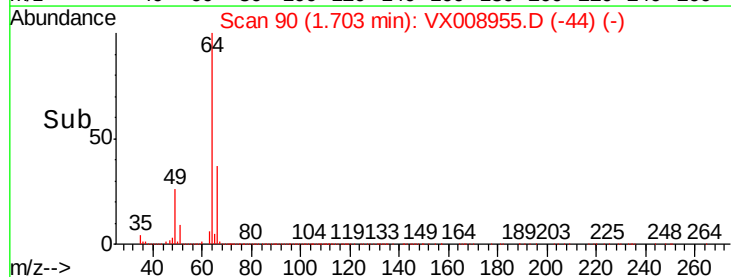
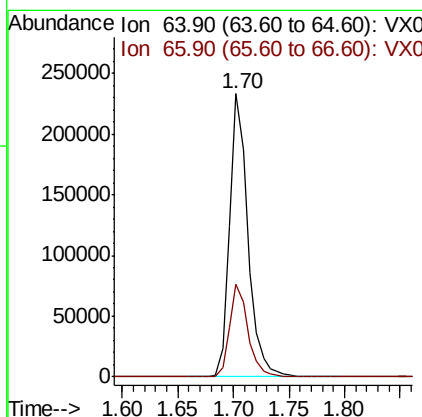
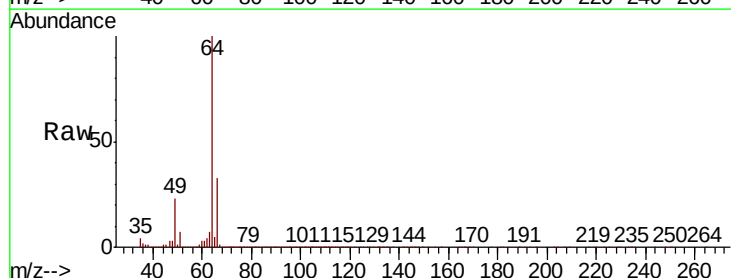
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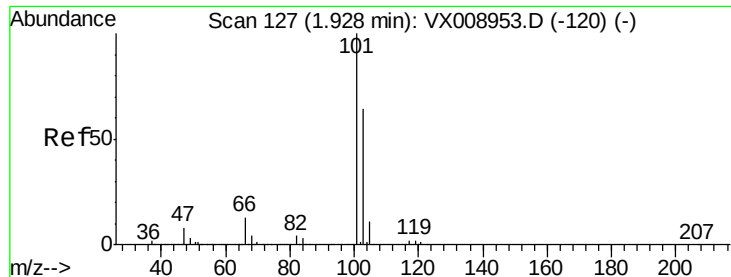
Tot Ion: 94 Resp: 292899
Ion Ratio Lower Upper
94 100
96 93.7 73.9 110.9



#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



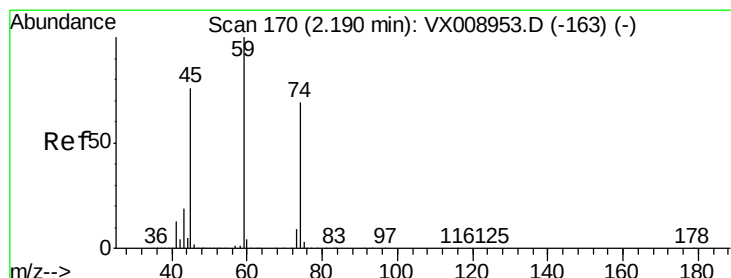
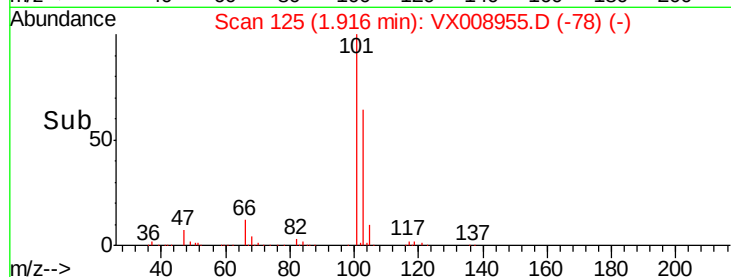
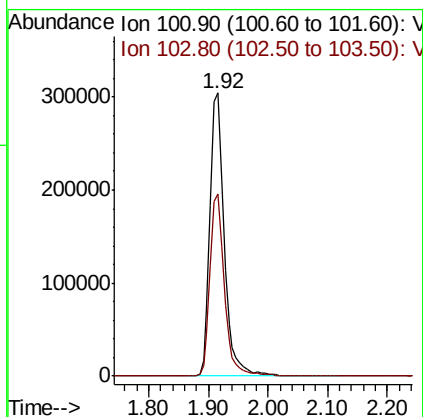
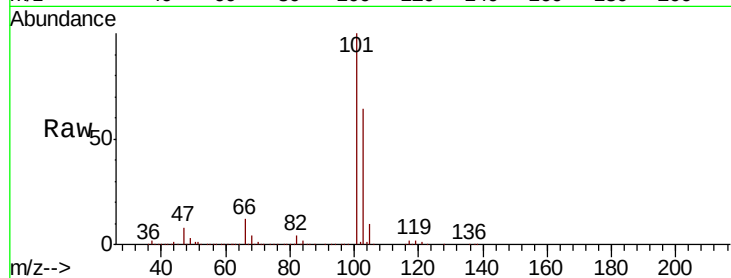


#7

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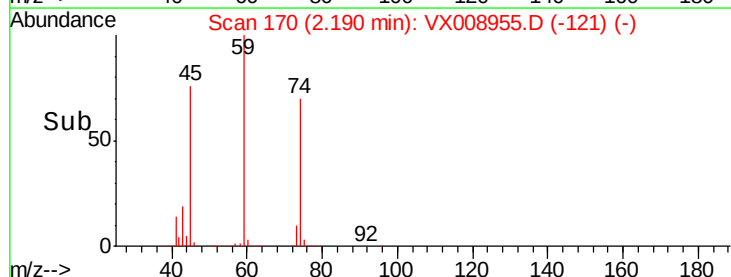
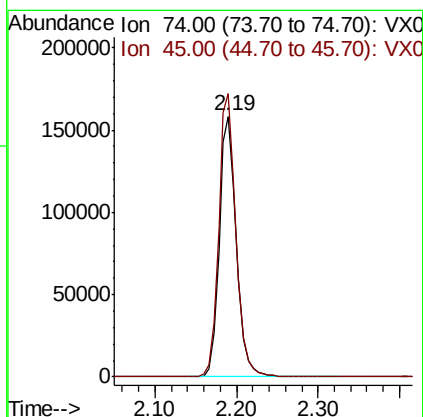
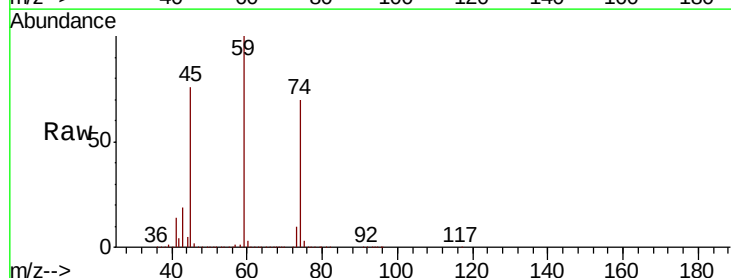
Tot Ion:101 Resp: 500701
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.0 76.6

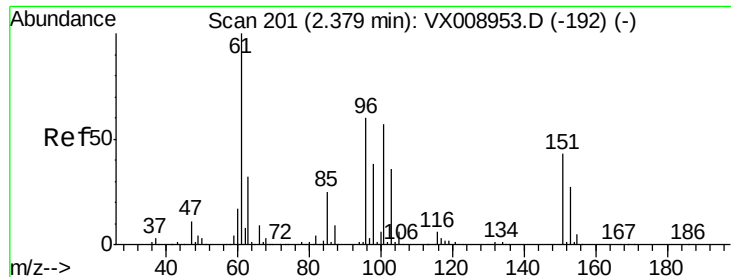


#8

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

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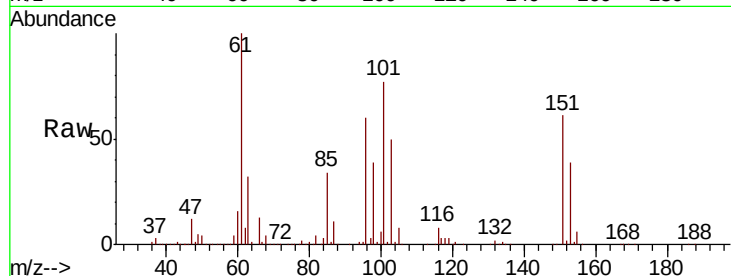
Tot Ion:101 Resp: 324044

Ion Ratio Lower Upper

101 100

85 44.0 35.7 53.5

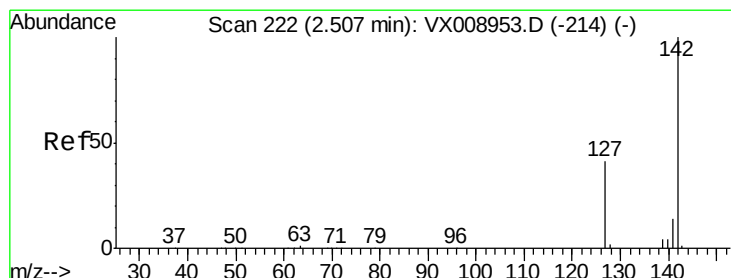
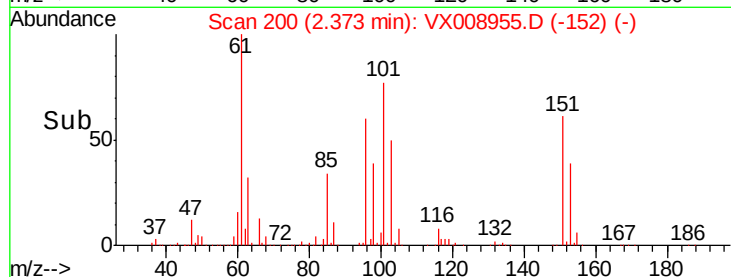
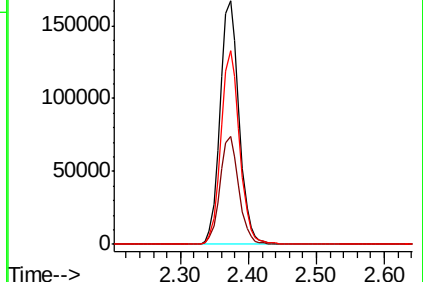
151 77.8 62.7 94.1



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

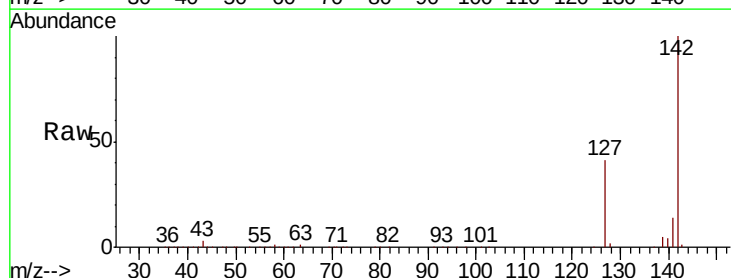
Tgt Ion:142 Resp: 375631

Ion Ratio Lower Upper

142 100

127 40.4 32.8 49.2

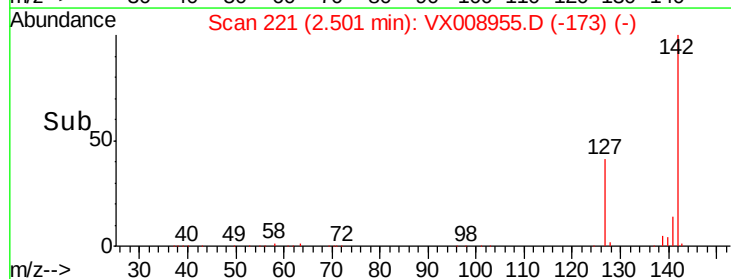
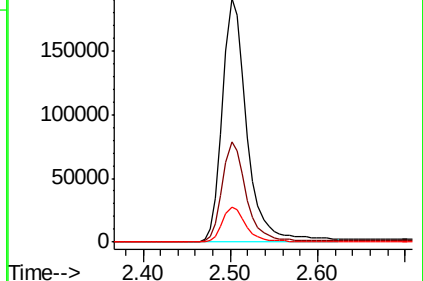
141 14.3 11.4 17.2

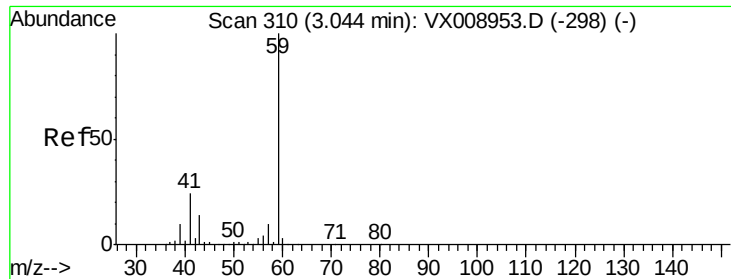


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

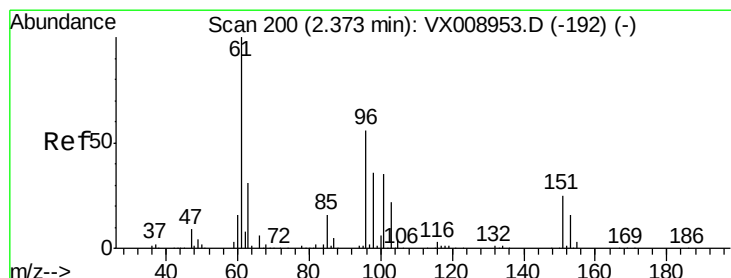
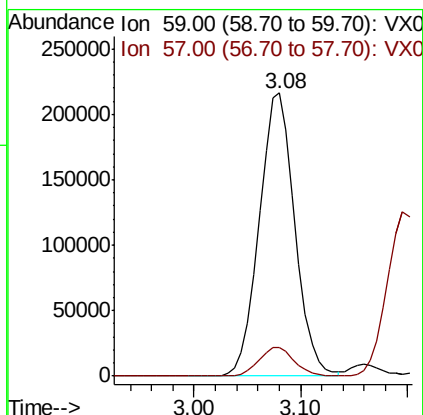
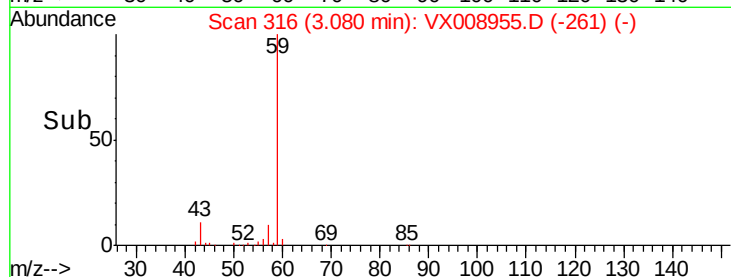
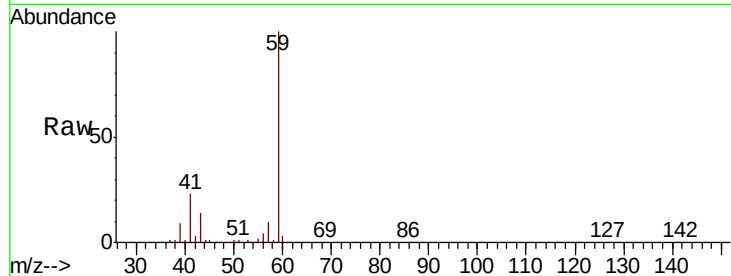




#11
Tert butyl alcohol
Concen: 733.952 ug/l
RT: 3.08 min Scan# 316
Delta R.T. 0.04 min
Lab File: VX008955.D
Acq: 15 Apr 2019 11:55

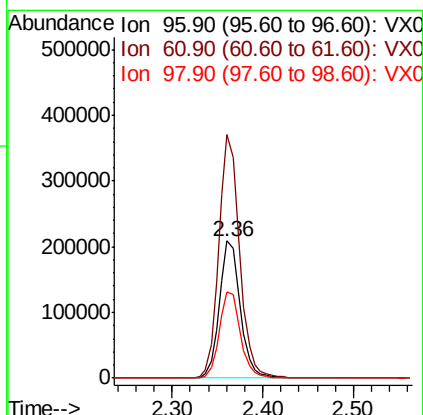
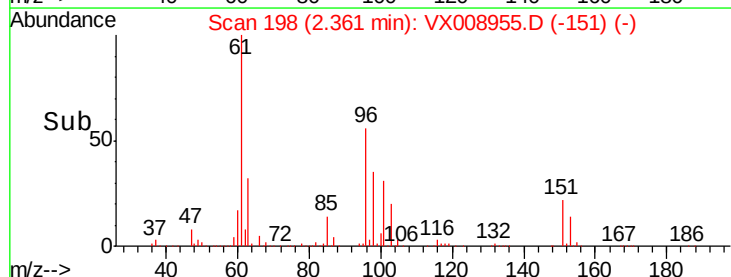
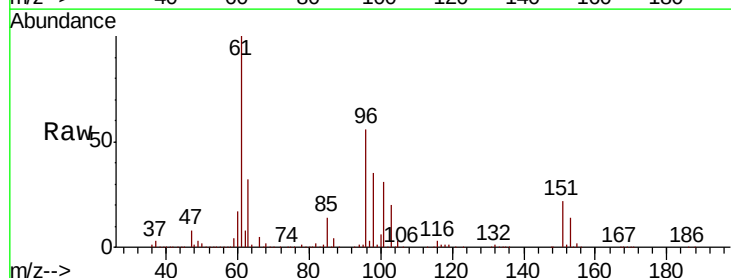
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

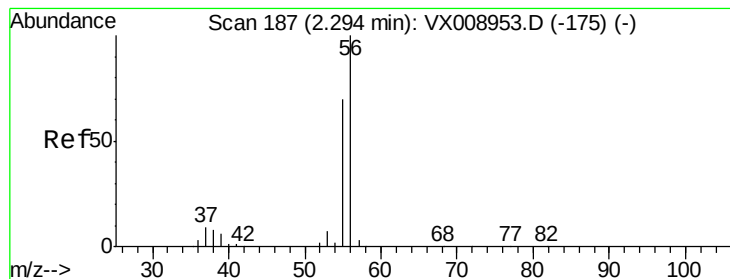
Tot Ion: 59 Resp: 504139
Ion Ratio Lower Upper
59 100
57 10.2 8.4 12.6



#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 :

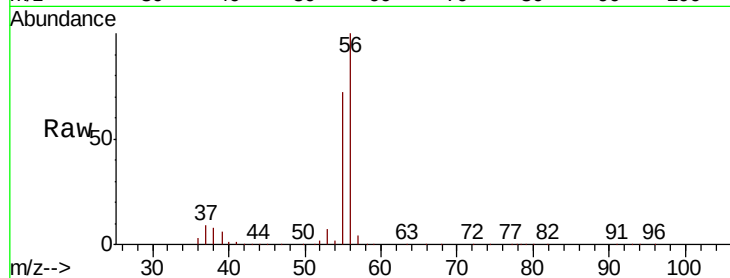
VSTDIC150

Tot Ion: 56 Resp: 442482

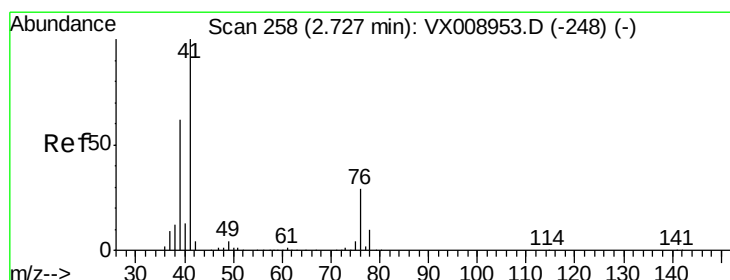
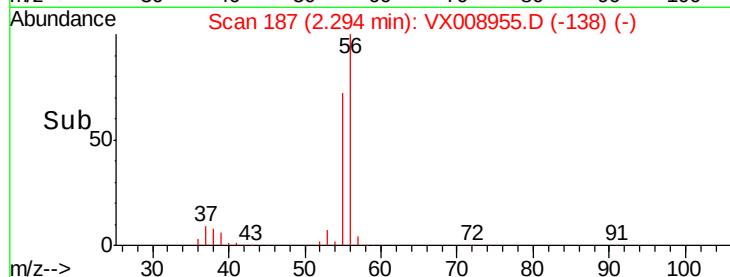
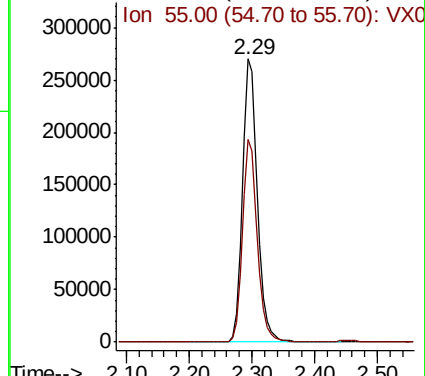
Ion Ratio Lower Upper

56 100

55 70.8 56.6 84.8



Abundance Ion 56.00 (55.70 to 56.70): VX0



#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

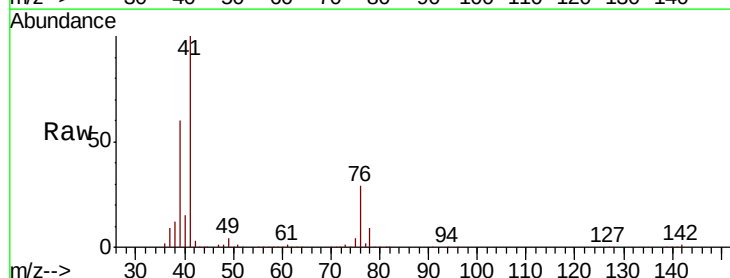
Tgt Ion: 41 Resp: 765106

Ion Ratio Lower Upper

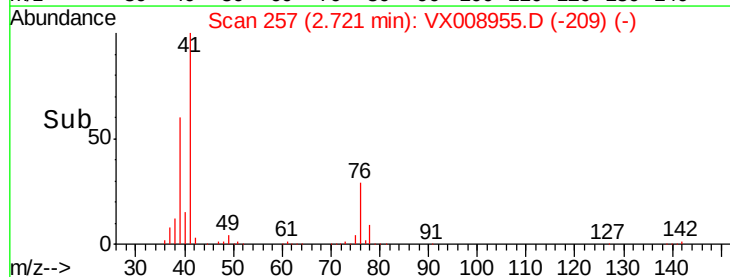
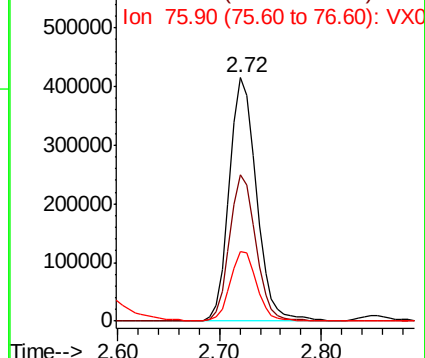
41 100

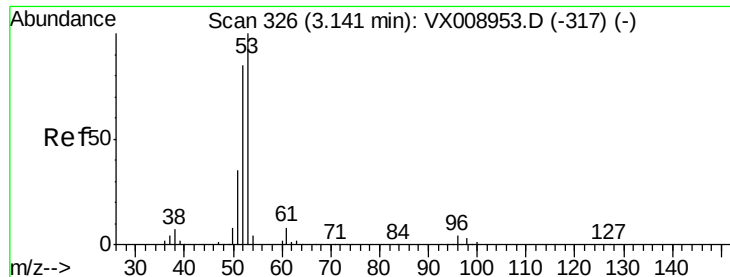
39 58.2 46.7 70.1

76 28.1 22.0 33.0



Abundance Ion 41.00 (40.70 to 41.70): VX0





#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 :

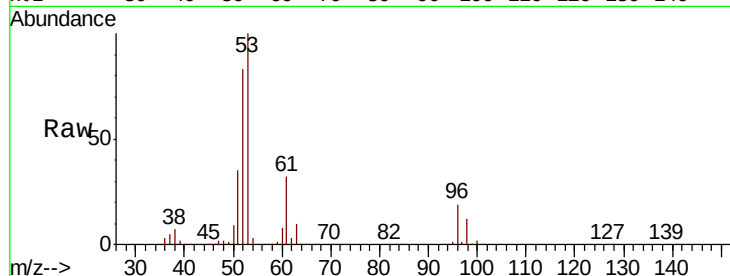
MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 53 Resp: 1221450

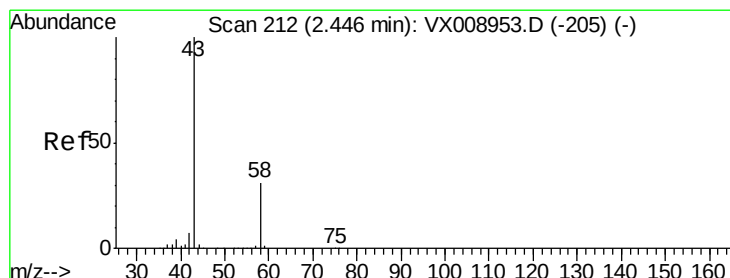
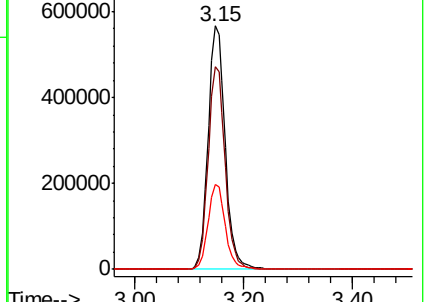
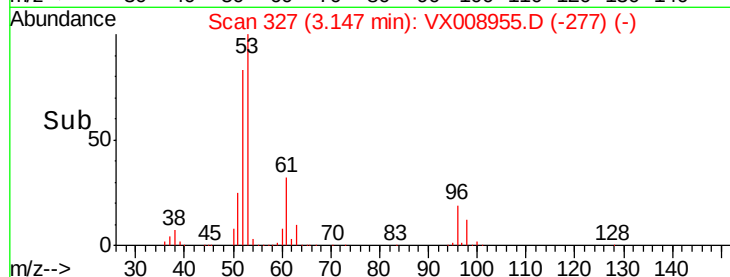
Ion	Ratio	Lower	Upper
53	100		
52	82.9	66.6	100.0
51	35.5	28.3	42.5



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

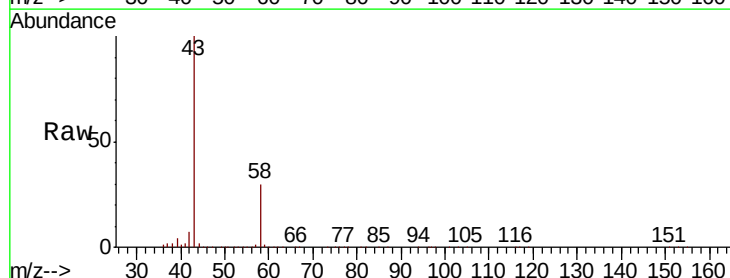
Delta R.T. 0.01 min

Lab File: VX008955.D

Acq: 15 Apr 2019 11:55

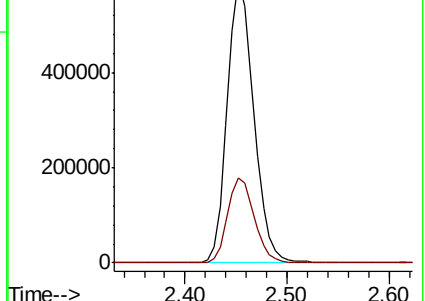
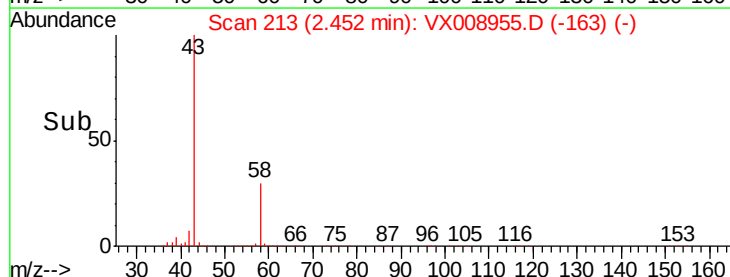
Tgt Ion: 43 Resp: 1061271

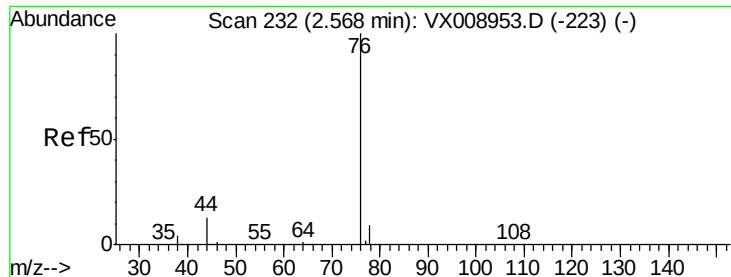
Ion	Ratio	Lower	Upper
43	100		
58	30.1	24.8	37.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

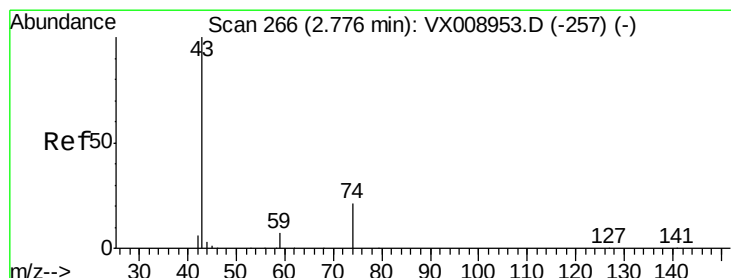
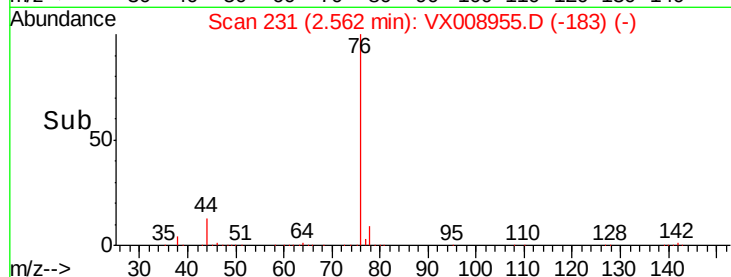
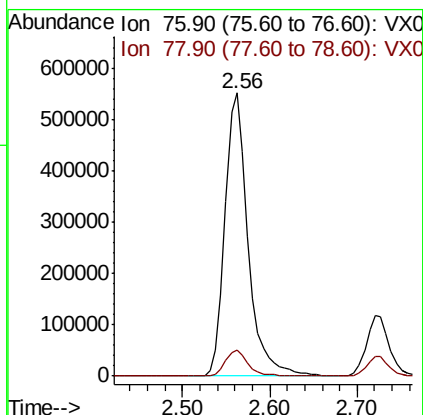
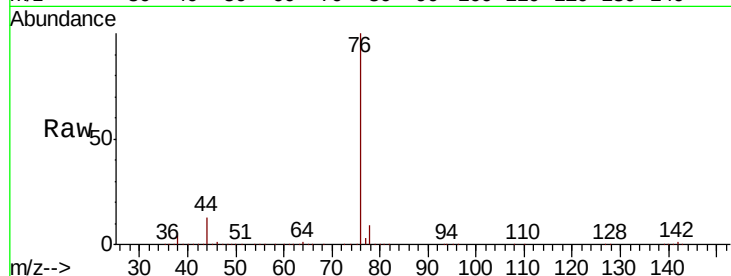




#17
Carbon Disulfide
Concen: 134.565 ug/l
RT: 2.56 min Scan# 231
Delta R.T. -0.01 min
Lab File: VX008955.D
Acq: 15 Apr 2019 11:55

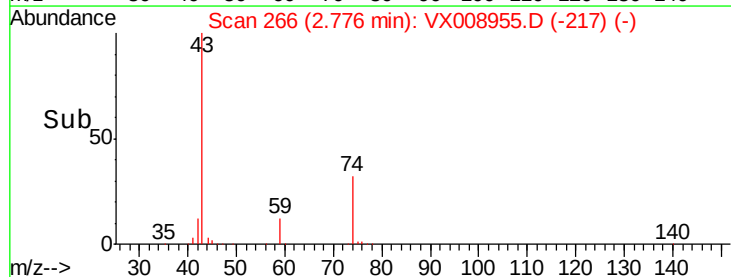
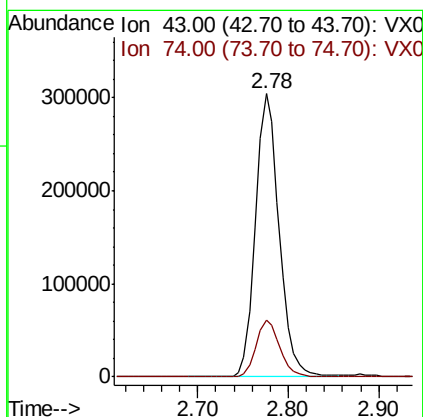
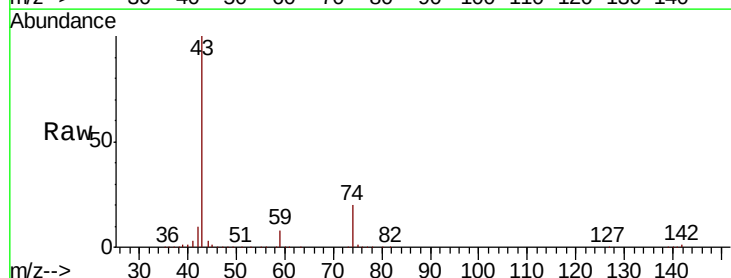
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

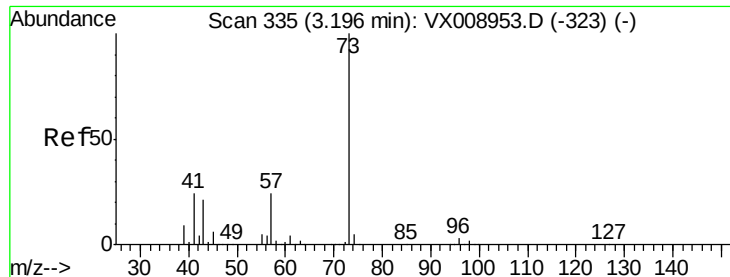
Tot Ion: 76 Resp: 1011140
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8



#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

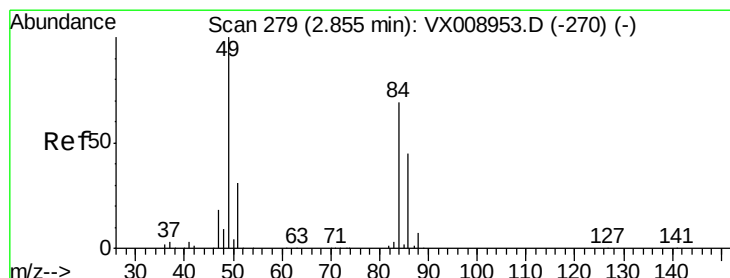
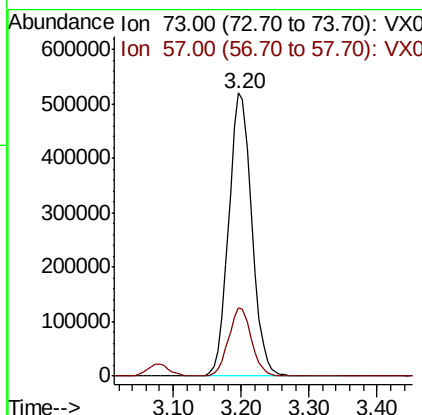
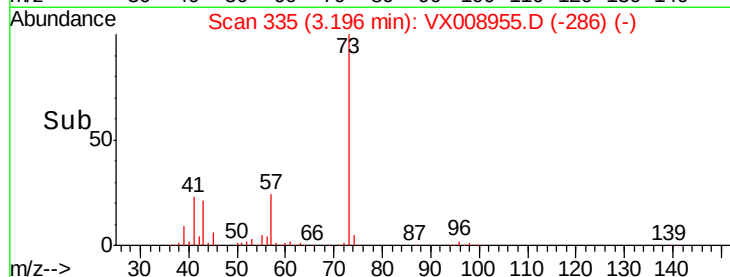
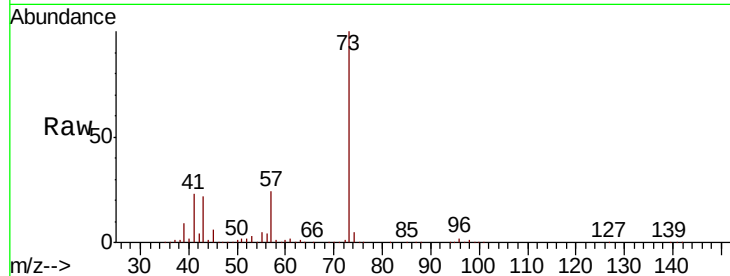




#19
Methyl tert-butyl Ether
Concen: 146.611 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX008955.D
Acq: 15 Apr 2019 11:55

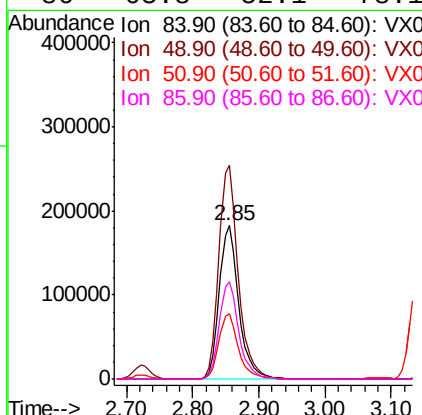
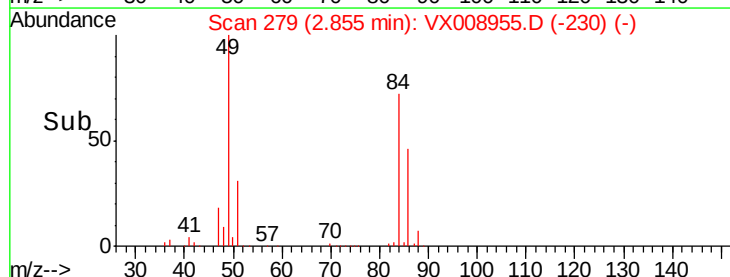
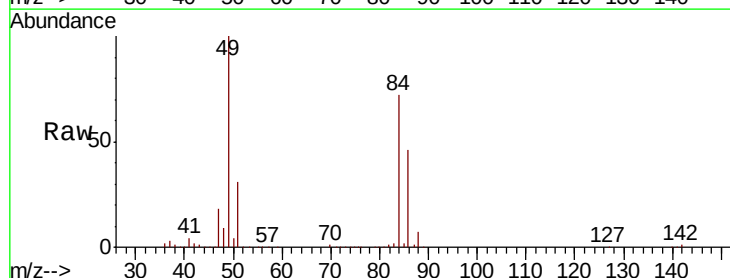
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

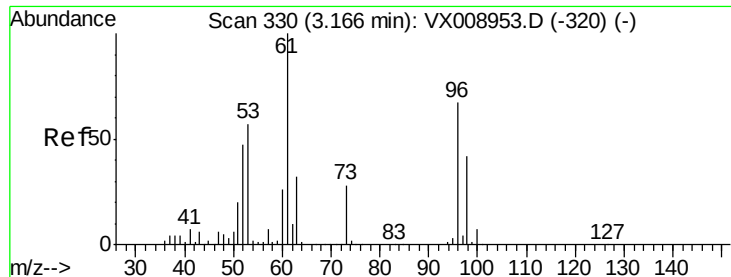
Tot Ion: 73 Resp: 1221772
Ion Ratio Lower Upper
73 100
57 24.1 19.2 28.8



#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 :

VSTDIC150

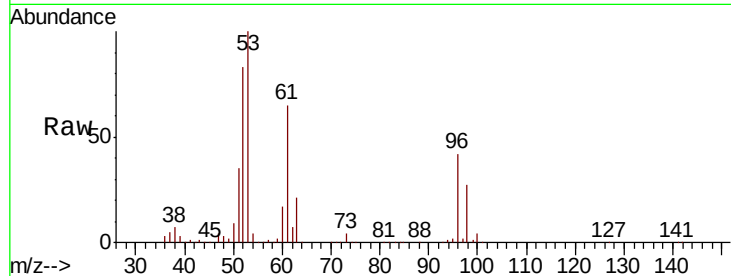
Tot Ion: 96 Resp: 359083

Ion Ratio Lower Upper

96 100

61 153.6 120.3 180.5

98 63.1 50.2 75.2

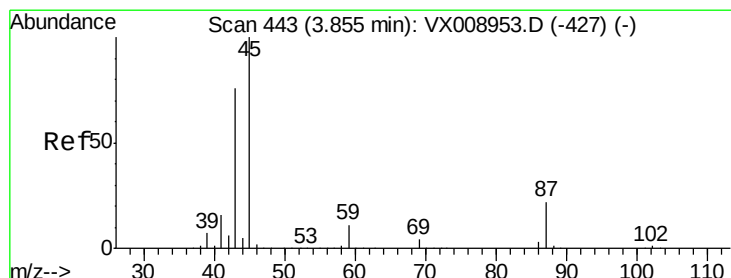
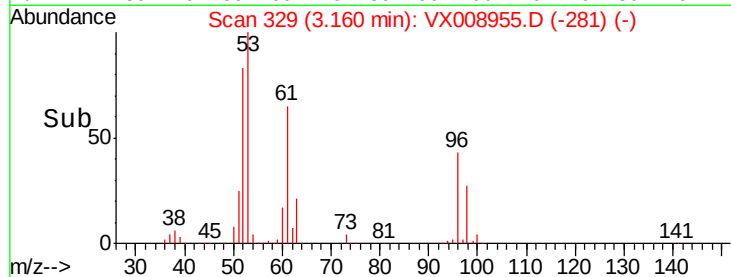
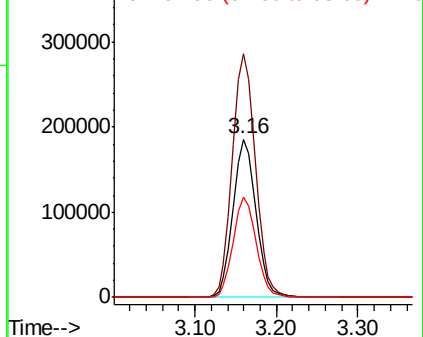


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 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

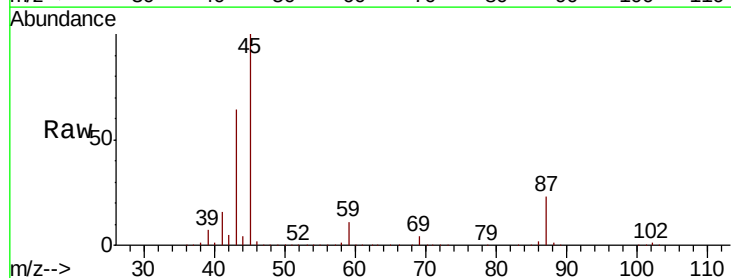
Ion Ratio Lower Upper

45 100

43 63.5 60.6 91.0

87 22.9 17.8 26.8

59 10.8 8.7 13.1



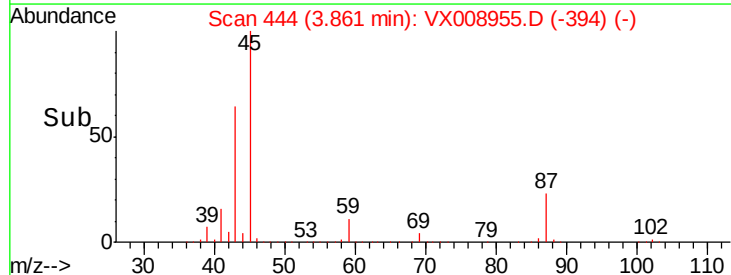
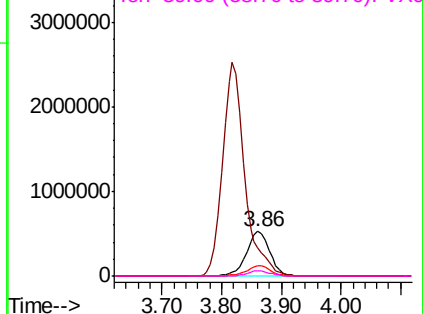
Abundance

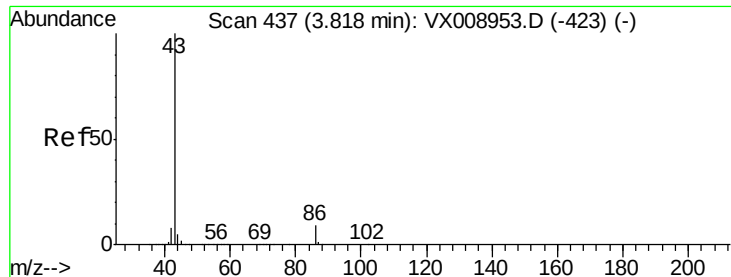
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 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 :

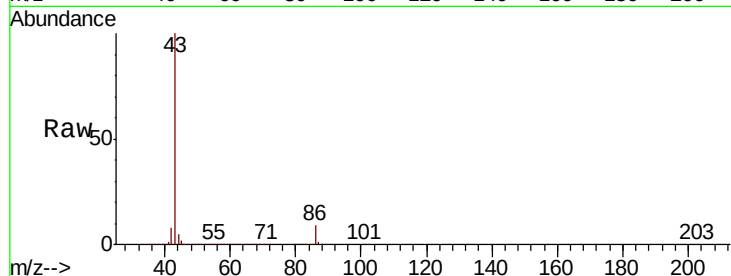
VSTDIC150

Tot Ion: 43 Resp: 6539577

Ion Ratio Lower Upper

43 100

86 8.8 7.1 10.7



Abundance Ion 43.00 (42.70 to 43.70): VX008955.D (-388) (-)

Ion 86.00 (85.70 to 86.70): VX008955.D (-388) (-)

3.82

2500000

2000000

1500000

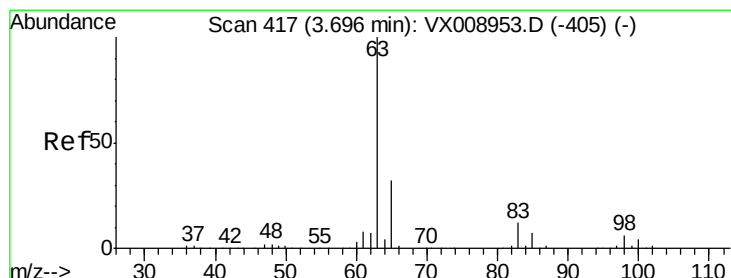
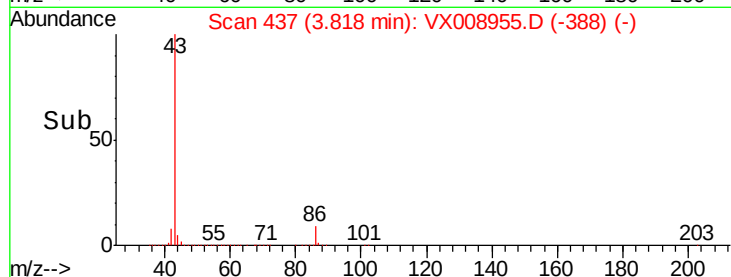
1000000

500000

0

Time-->

3.60 3.80 4.00 4.20



#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

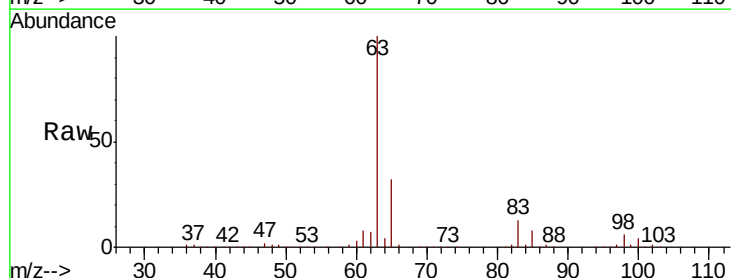
Tgt Ion: 63 Resp: 727279

Ion Ratio Lower Upper

63 100

98 6.0 3.1 9.3

100 3.9 1.9 5.7



Abundance Ion 62.90 (62.60 to 63.60): VX008955.D (-368) (-)

Ion 97.90 (97.60 to 98.60): VX008955.D (-368) (-)

Ion 99.90 (99.60 to 100.60): VX008955.D (-368) (-)

3.70

400000

300000

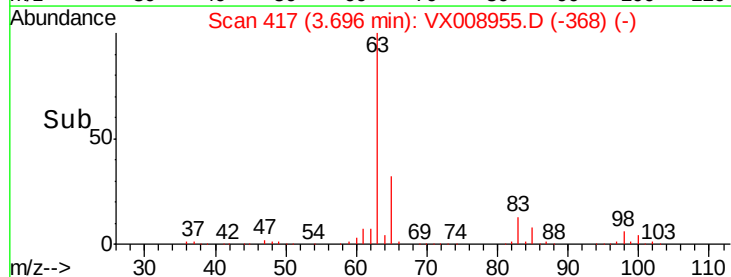
200000

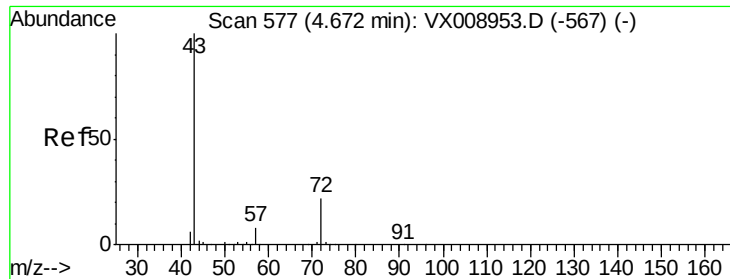
100000

0

Time-->

3.60 3.70 3.80





#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 :

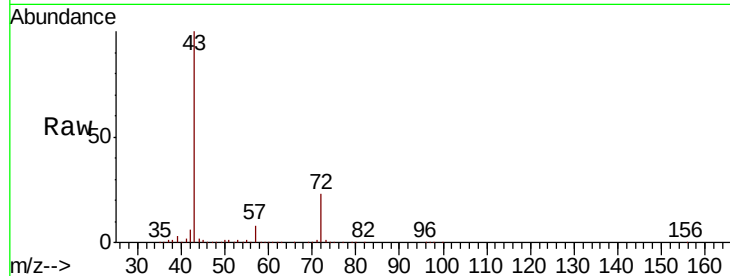
VSTDIC150

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

4.68

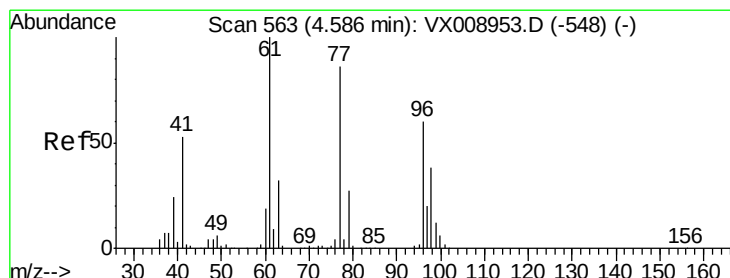
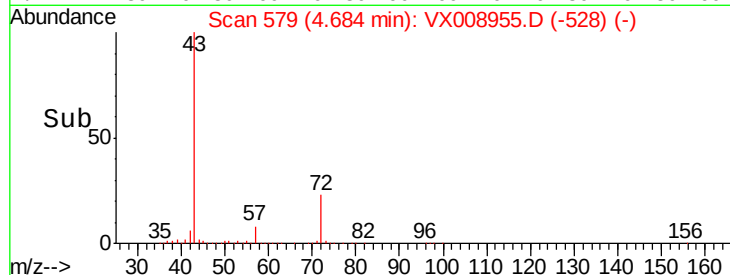
600000

400000

200000

0

Time-->



#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

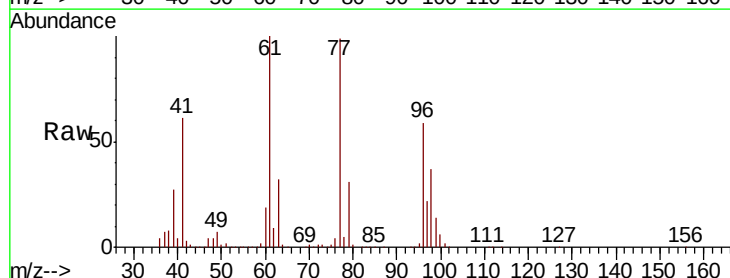
Acq: 15 Apr 2019 11:55

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

4.58

200000

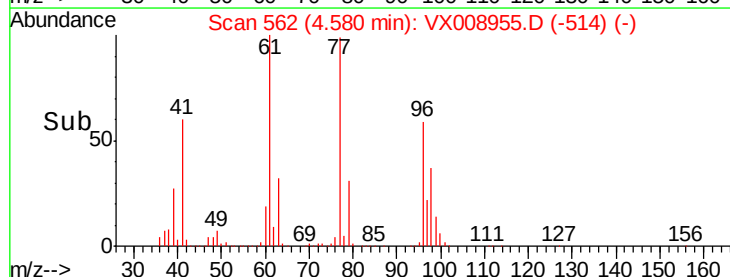
150000

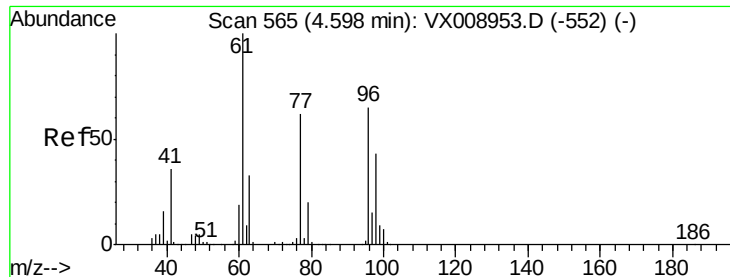
100000

50000

0

Time-->



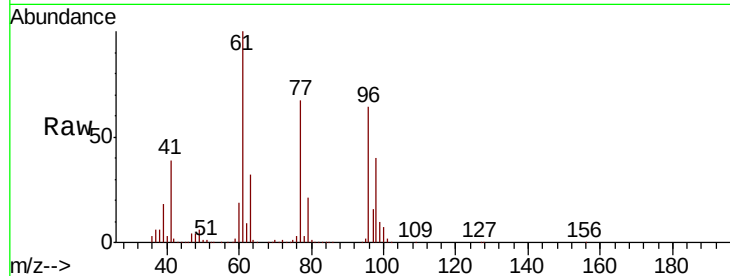


#27

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
ClientSampleId :
VSTDIC150

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

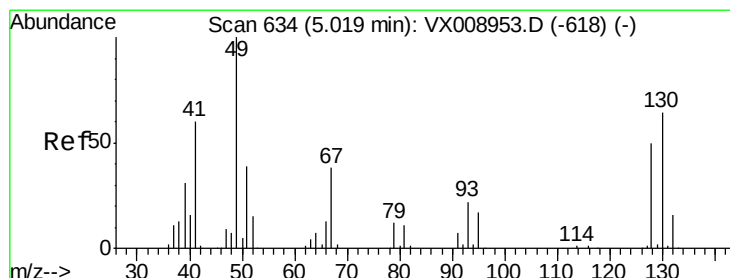
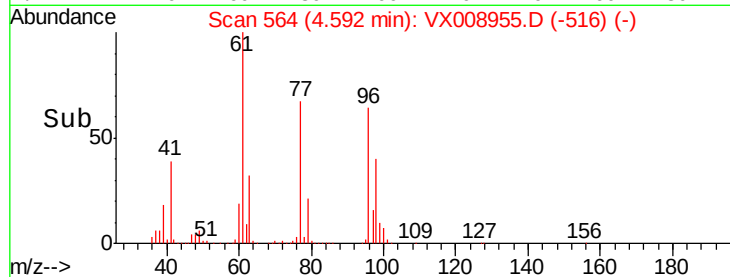
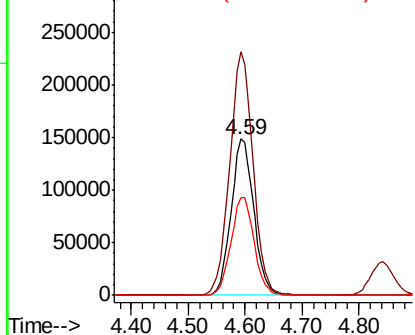


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

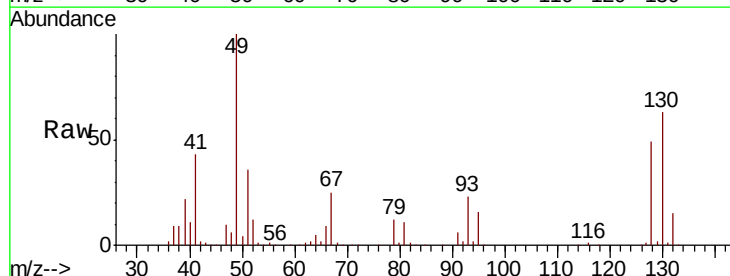
Ion 97.90 (97.60 to 98.60): VX0



#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

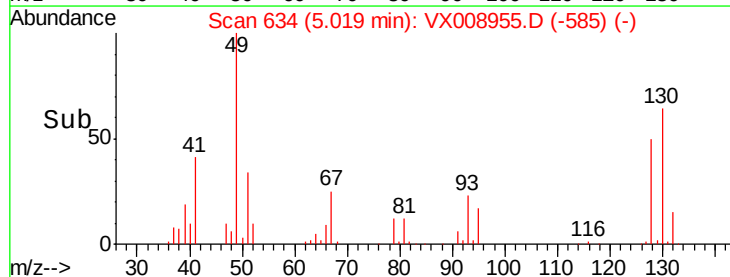
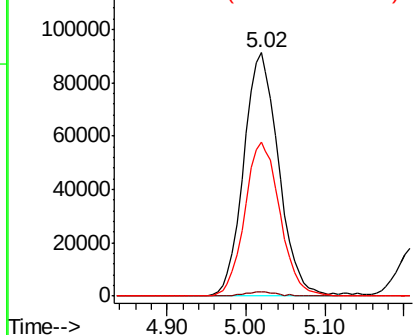


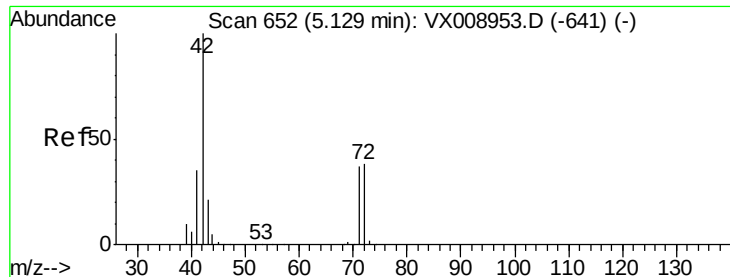
Abundance

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

ClientSampleId :

VSTDIC150

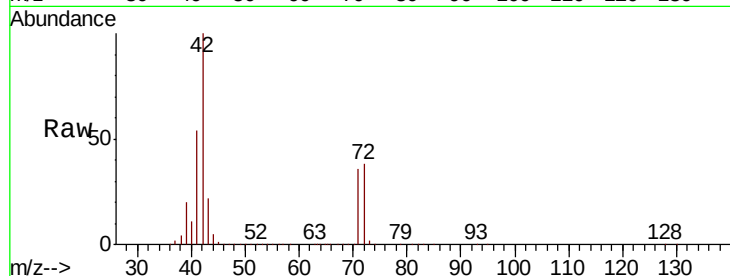
Tot Ion: 42 Resp: 1199207

Ion Ratio Lower Upper

42 100

72 38.2 30.6 45.8

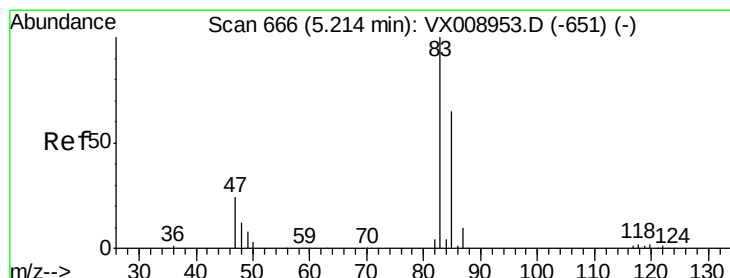
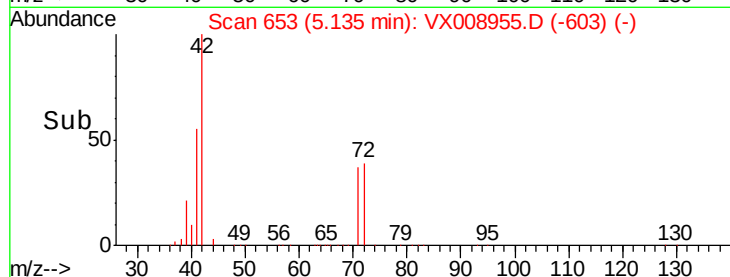
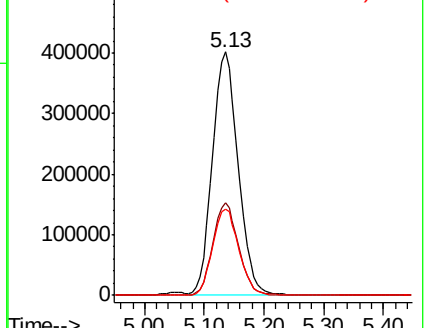
71 36.1 28.8 43.2



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

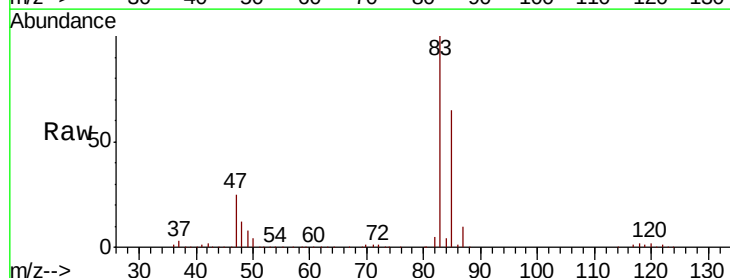
Acq: 15 Apr 2019 11:55

Tgt Ion: 83 Resp: 648551

Ion Ratio Lower Upper

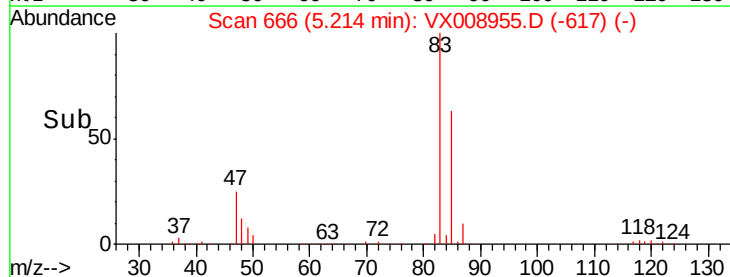
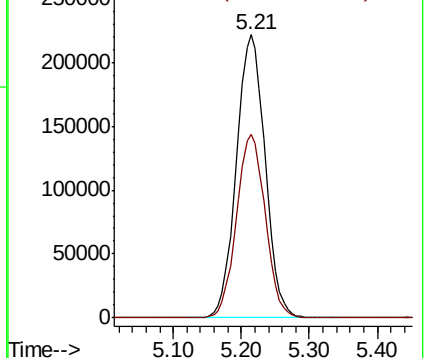
83 100

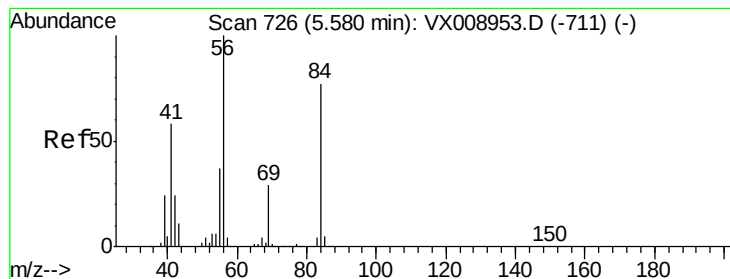
85 64.8 51.9 77.9



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 :

VSTDIC150

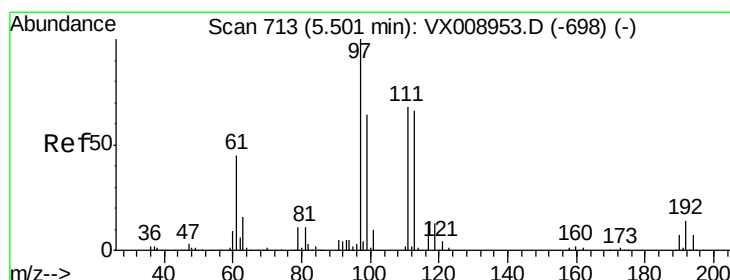
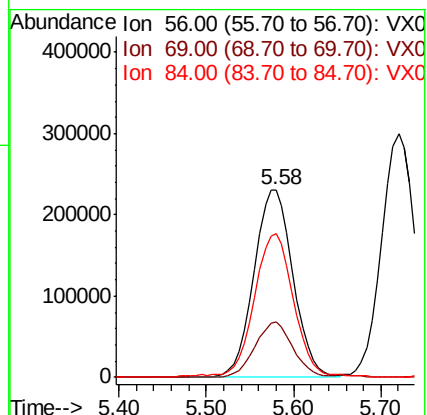
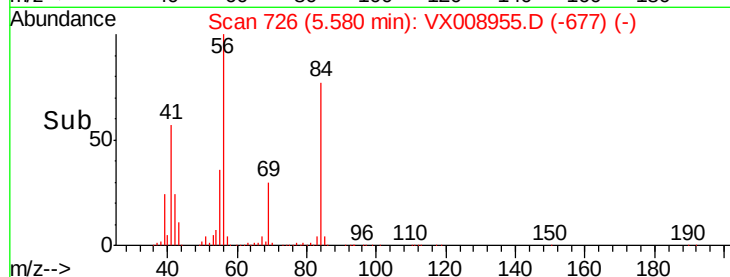
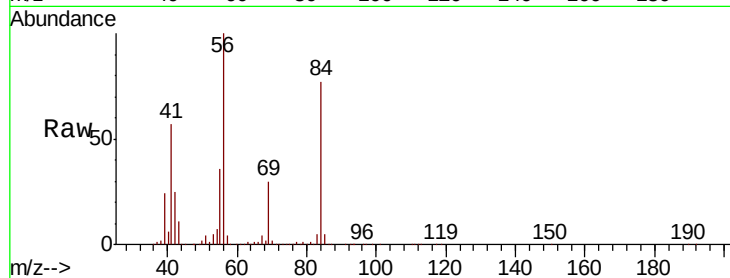
Tot Ion: 56 Resp: 718489

Ion Ratio Lower Upper

56 100

69 29.5 23.3 34.9

84 75.7 61.7 92.5



#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

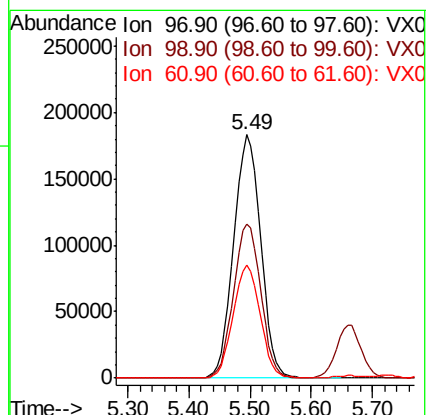
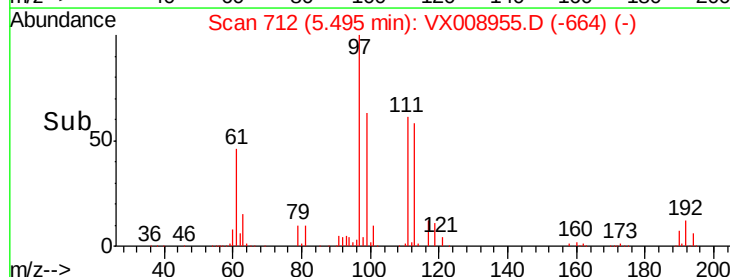
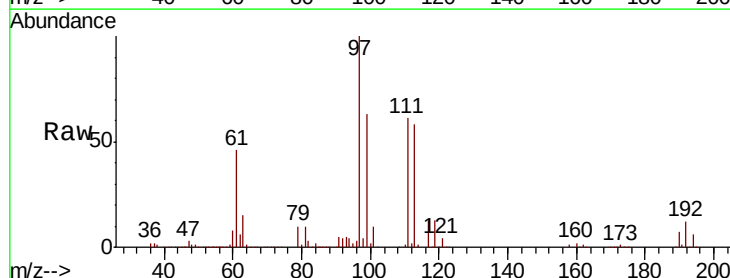
Tgt Ion: 97 Resp: 558340

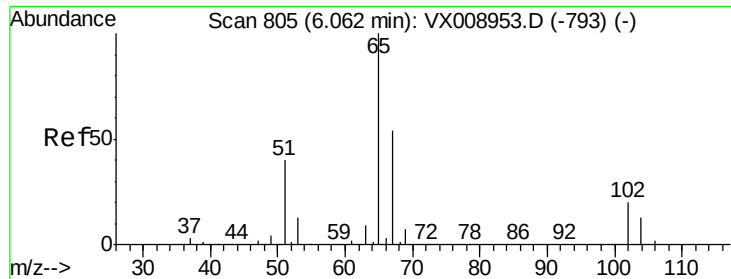
Ion Ratio Lower Upper

97 100

99 63.9 51.6 77.4

61 46.5 37.9 56.9

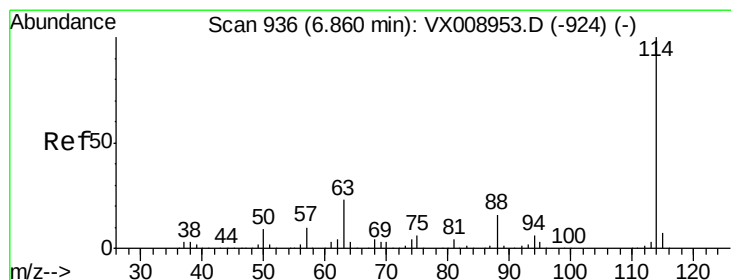
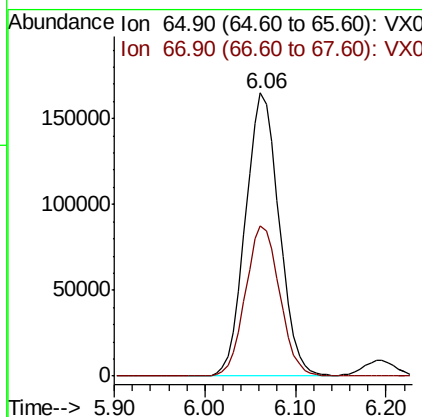
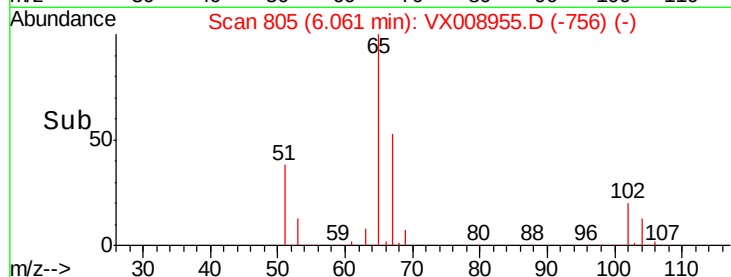
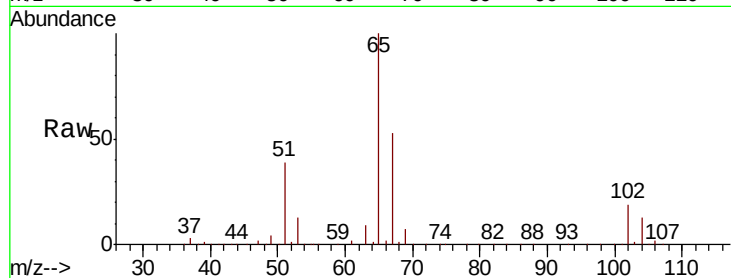




#33
 1,2-Dichloroethane-d4
 Concen: 144.303 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX008955.D
 Acq: 15 Apr 2019 11:55

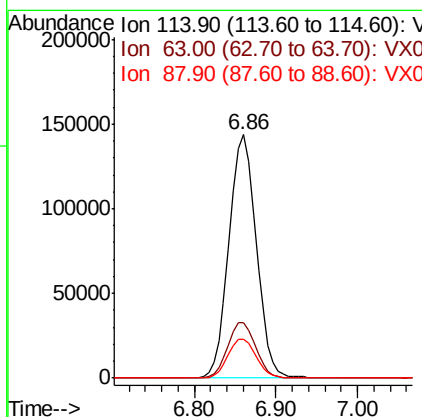
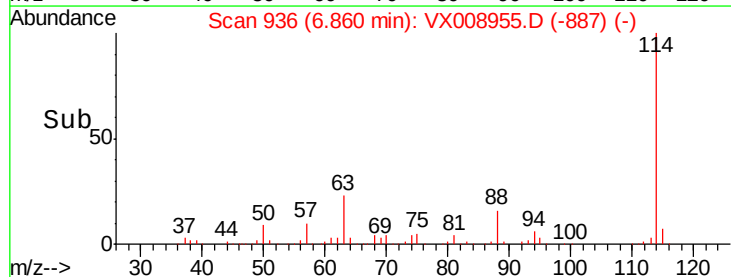
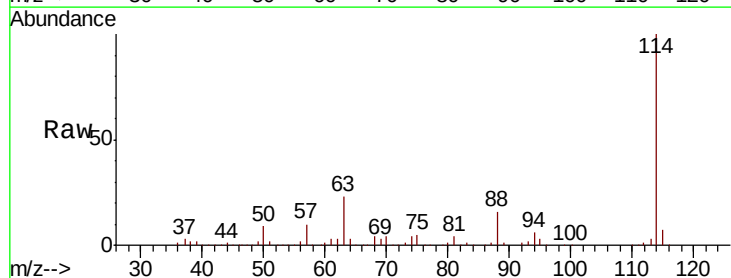
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

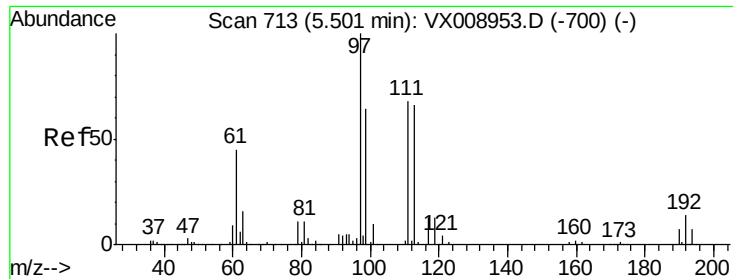
Tot Ion: 65 Resp: 426276
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 108.6



#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

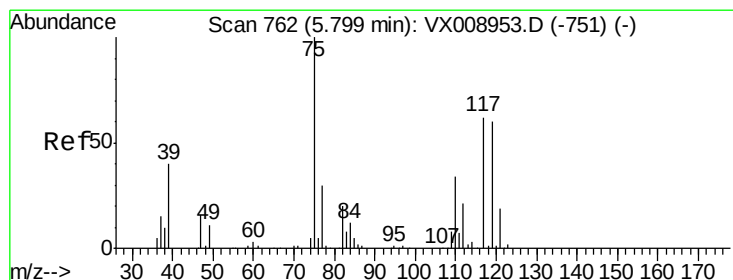
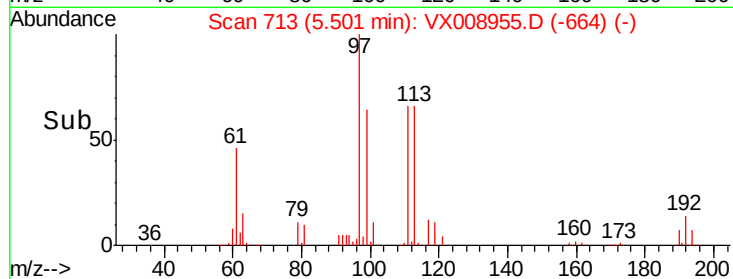
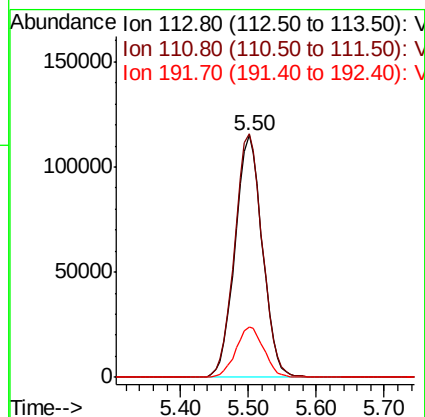
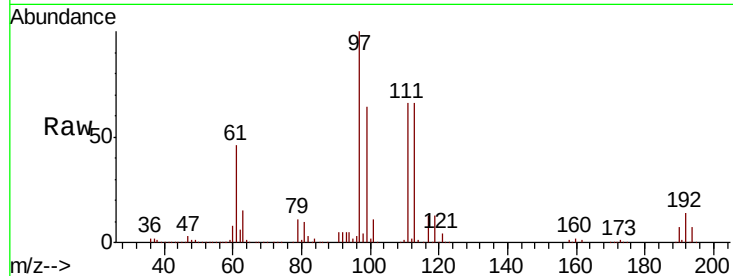




#35
 Dibromofluoromethane
 Concen: 151.012 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX008955.D
 Acq: 15 Apr 2019 11:55

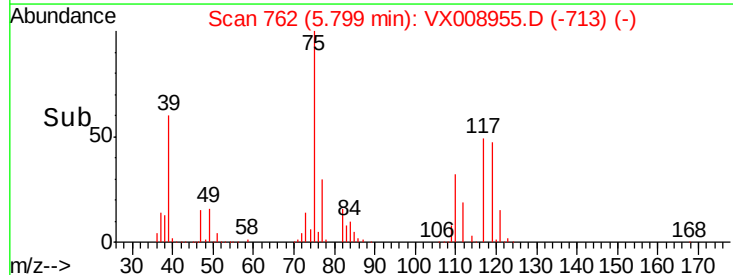
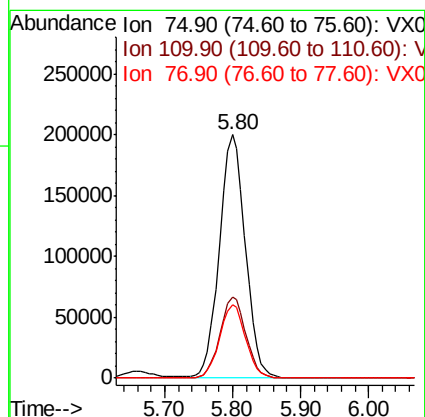
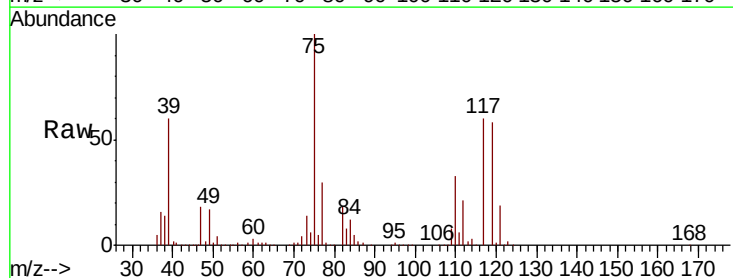
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

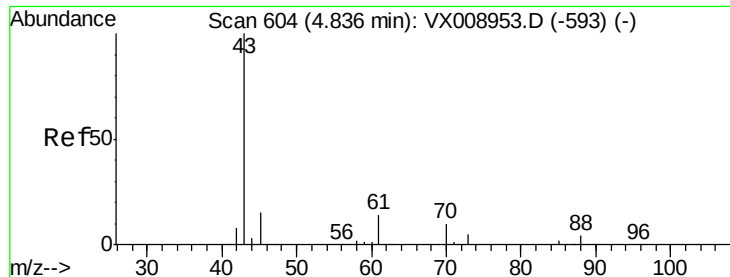
Tot Ion:113 Resp: 320341
 Ion Ratio Lower Upper
 113 100
 111 102.0 82.9 124.3
 192 21.2 17.4 26.0



#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

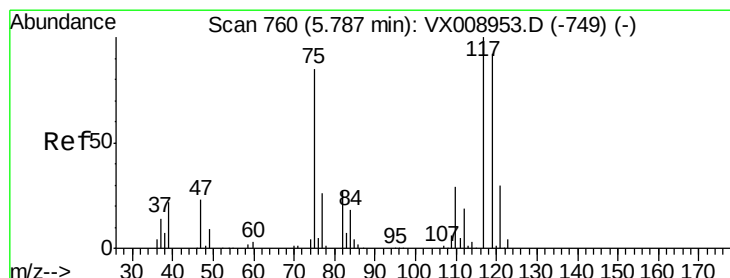
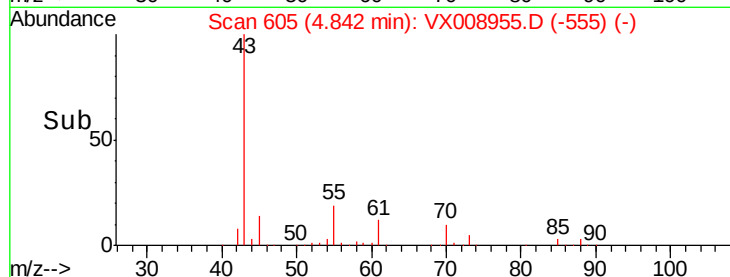
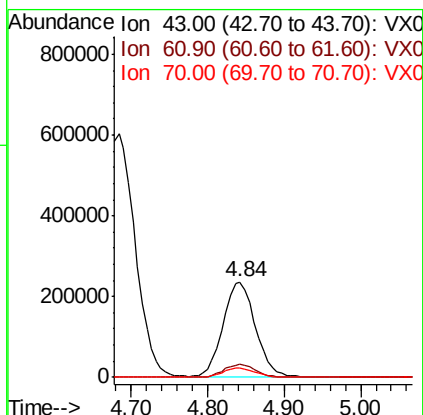
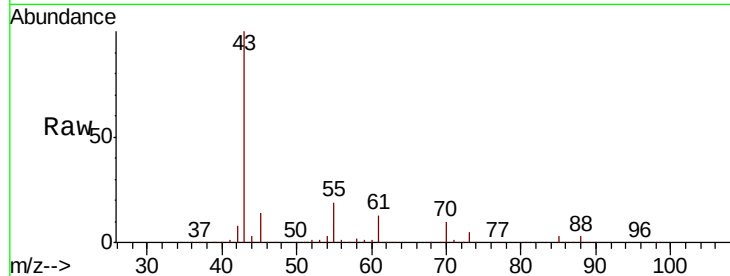




#37
Ethyl Acetate
Concen: 144.918 ug/l
RT: 4.84 min Scan# 605
Delta R.T. 0.01 min
Lab File: VX008955.D
Acq: 15 Apr 2019 11:55

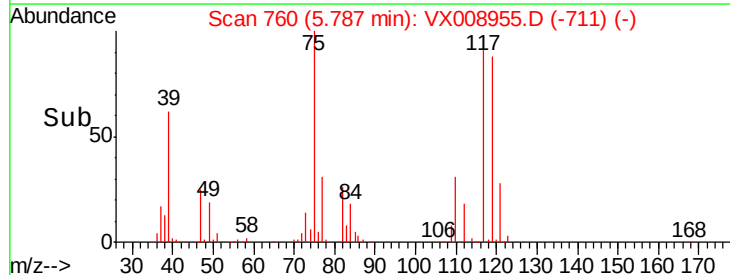
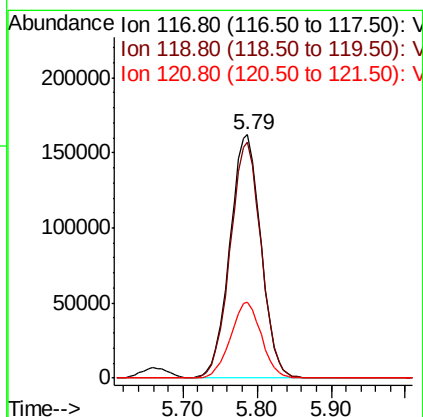
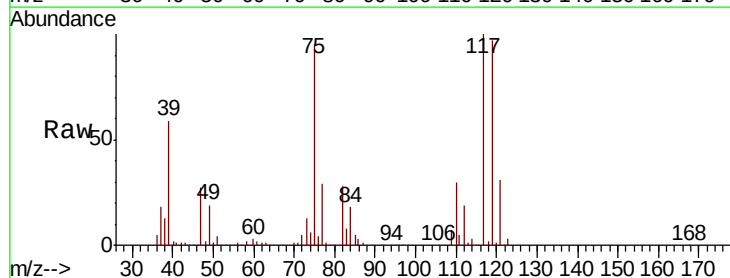
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

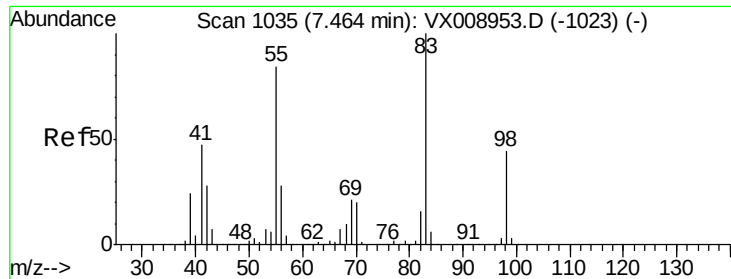
Tot Ion: 43 Resp: 692023
Ion Ratio Lower Upper
43 100
61 13.2 10.6 15.8
70 9.7 7.7 11.5



#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

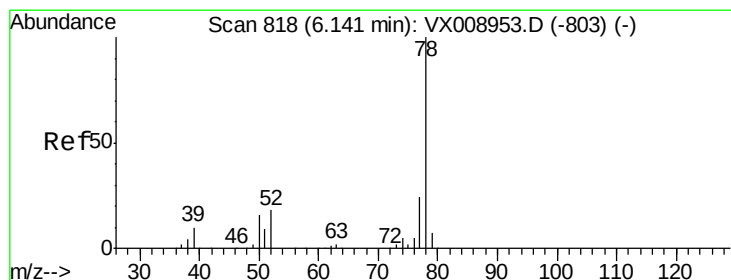
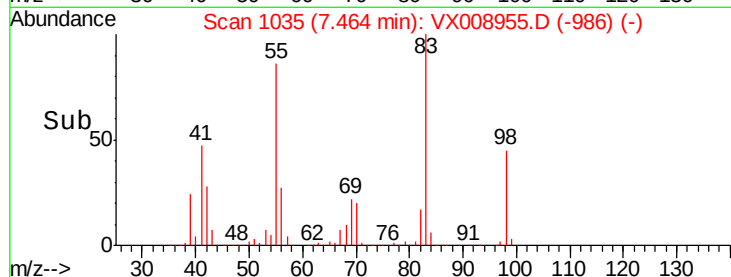
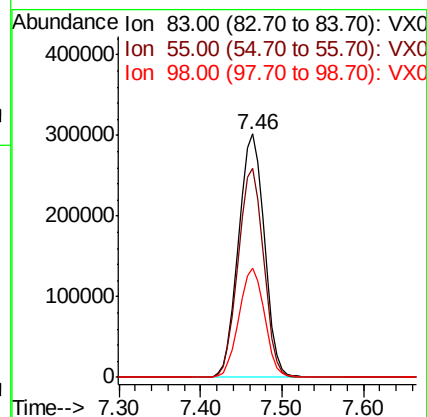
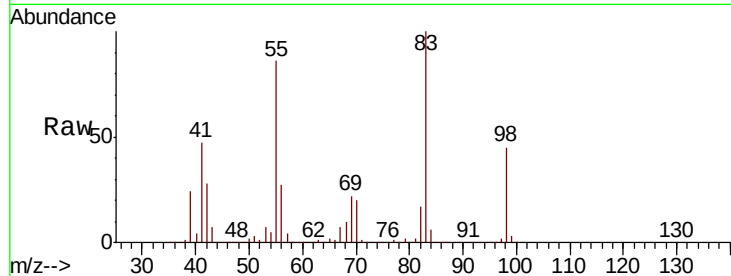




#39
Methylvlcyclohexane
Concen: 148.486 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX008955.D
Acq: 15 Apr 2019 11:55

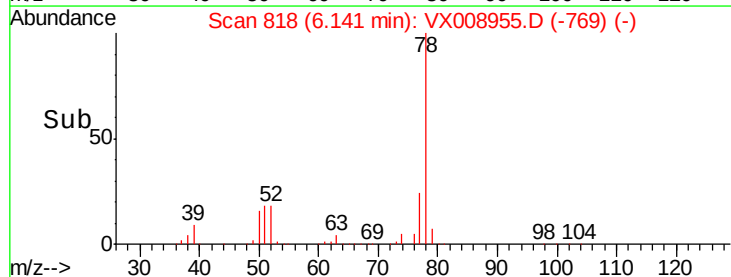
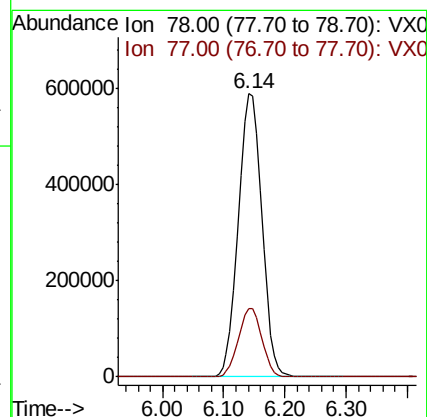
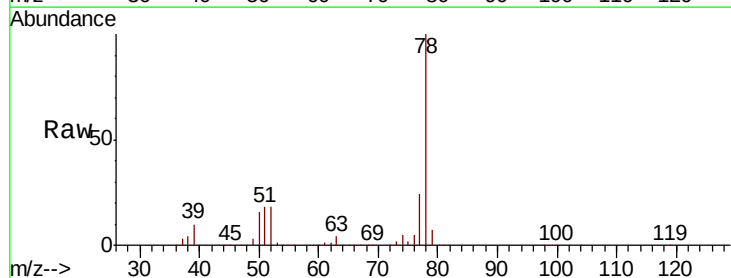
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

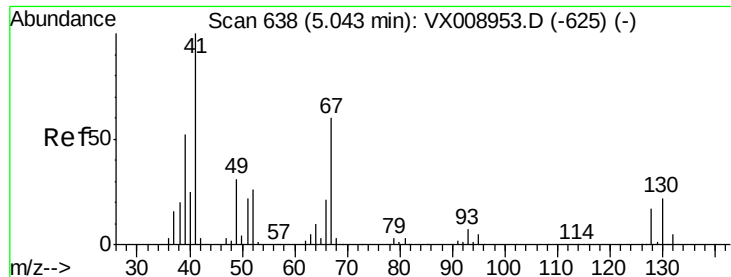
Tot Ion: 83 Resp: 659625
Ion Ratio Lower Upper
83 100
55 85.8 67.1 100.7
98 45.0 35.1 52.7



#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 :

VSTDIC150

Tot Ion: 41 Resp: 393646

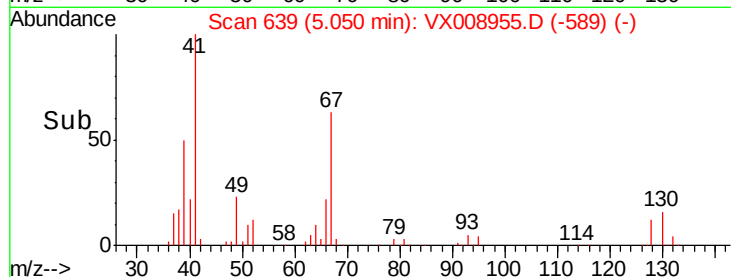
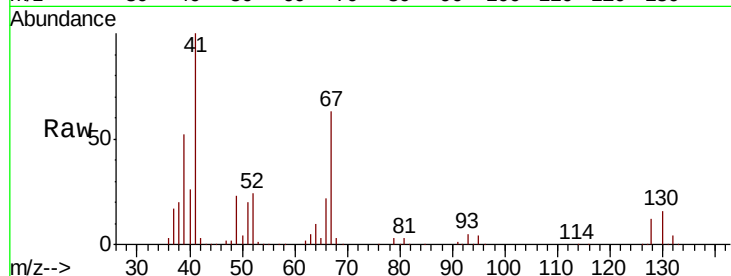
Ion Ratio Lower Upper

41 100

39 52.2 41.8 62.6

67 62.8 50.2 75.4

52 25.8 21.1 31.7

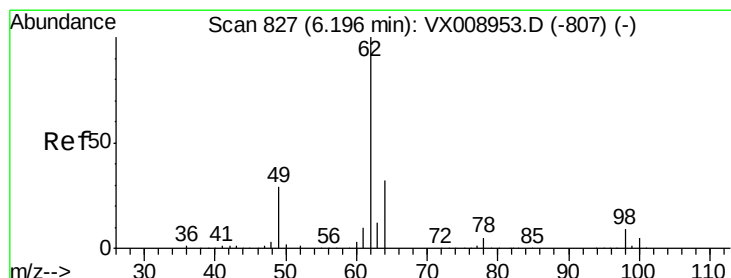
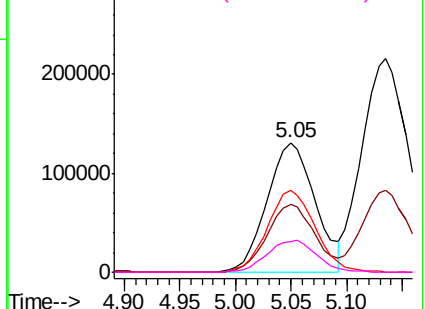


Abundance Ion 41.00 (40.70 to 41.70): VX0

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

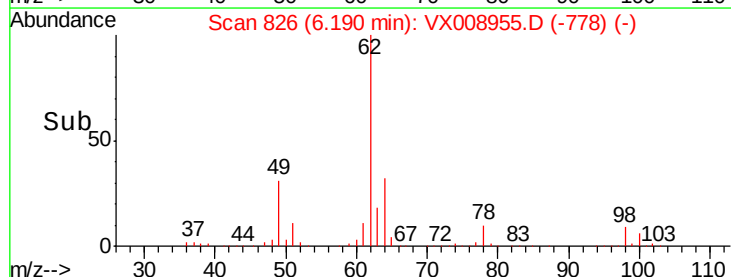
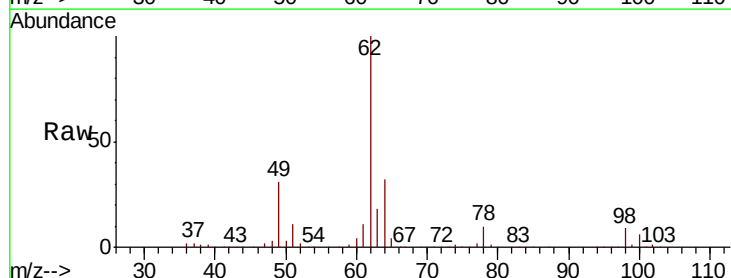
Acq: 15 Apr 2019 11:55

Tgt Ion: 62 Resp: 551070

Ion Ratio Lower Upper

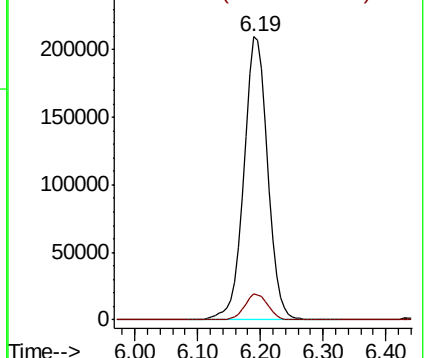
62 100

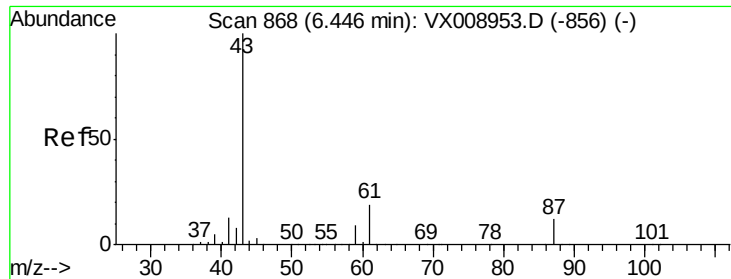
98 8.9 0.0 18.4



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 :

VSTDIC150

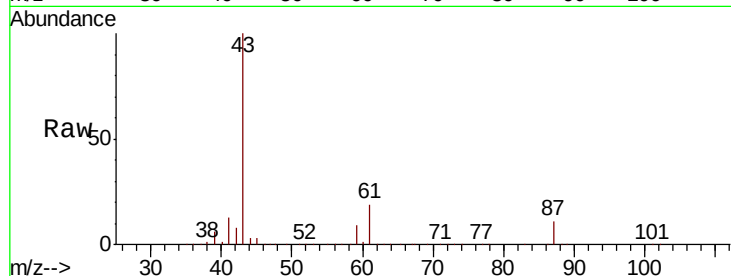
Tot Ion: 43 Resp: 1110936

Ion Ratio Lower Upper

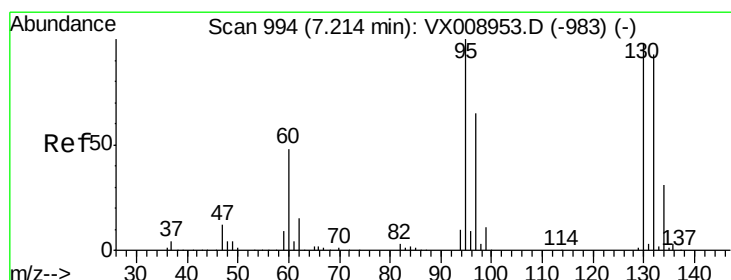
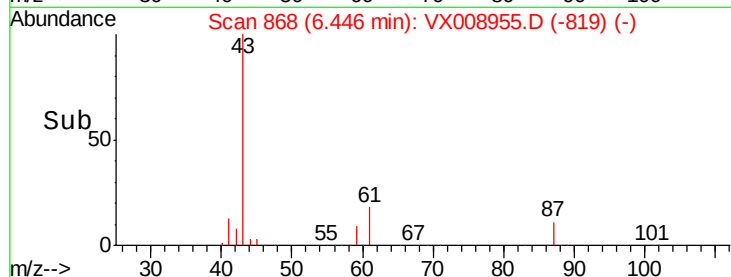
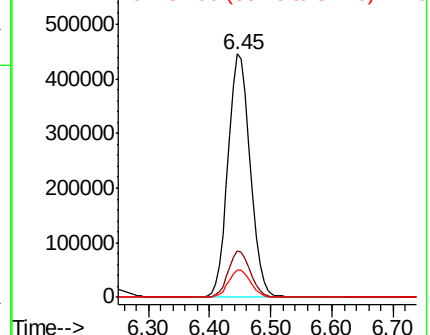
43 100

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

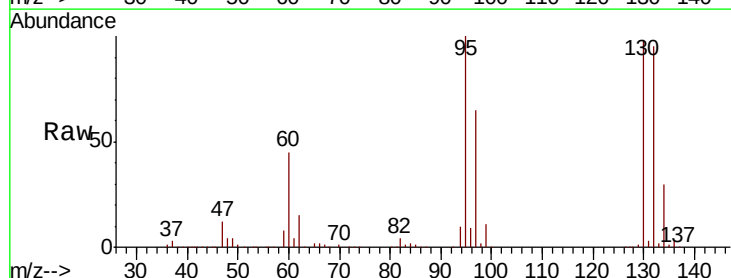
Acq: 15 Apr 2019 11:55

Tgt Ion:130 Resp: 379814

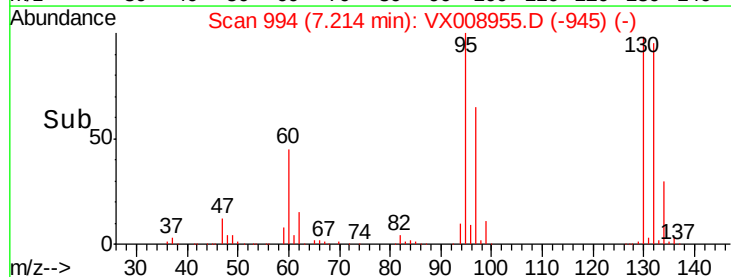
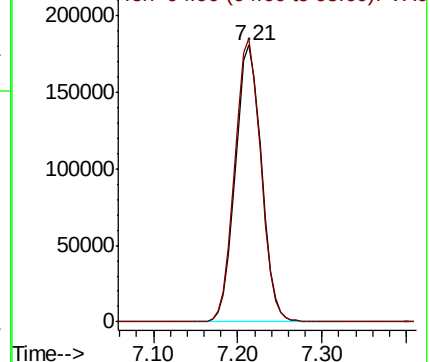
Ion Ratio Lower Upper

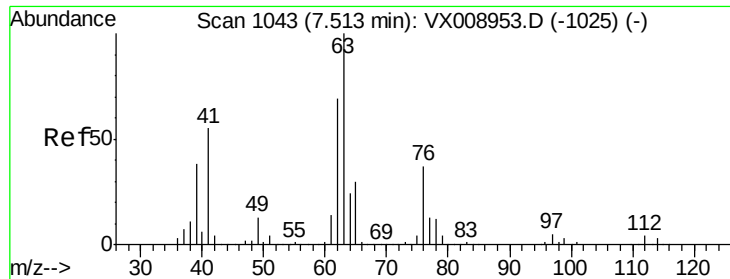
130 100

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

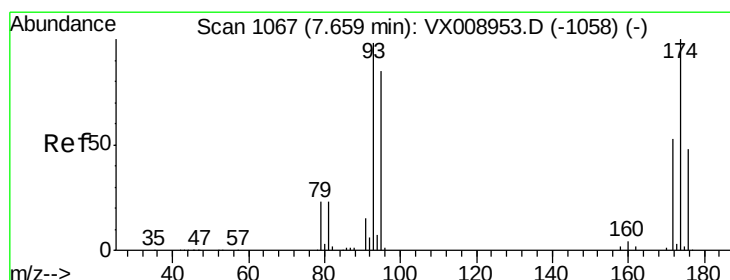
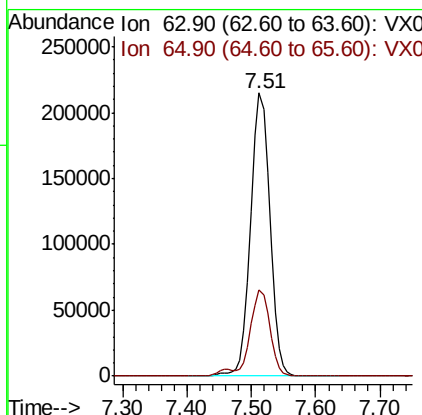
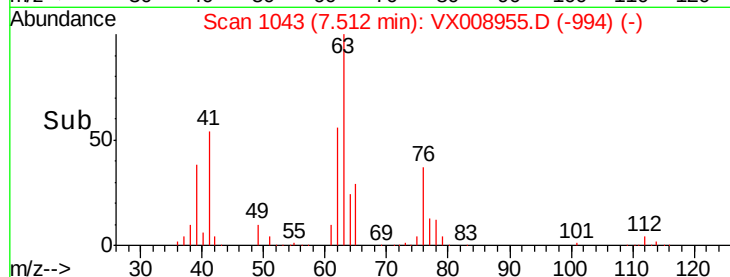
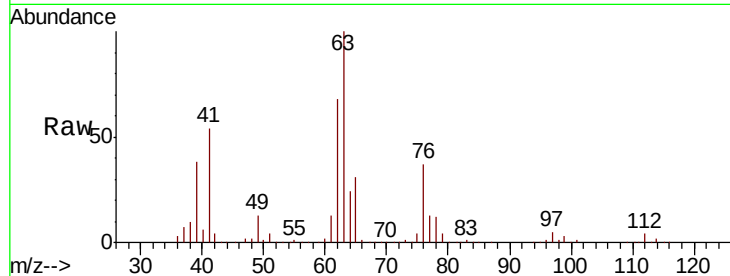




#45
 1,2-Dichloropropane
 Concen: 143.799 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX008955.D
 Acq: 15 Apr 2019 11:55

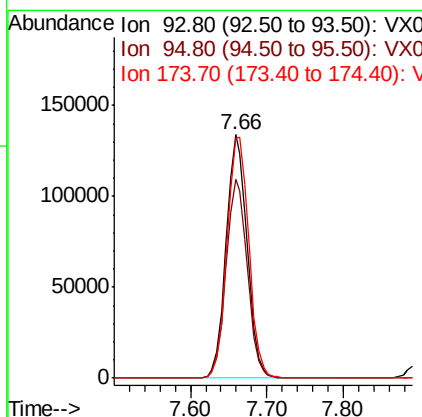
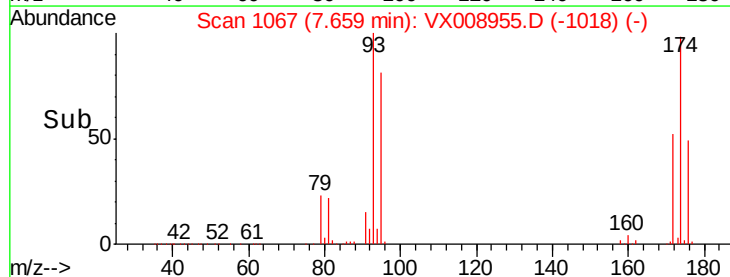
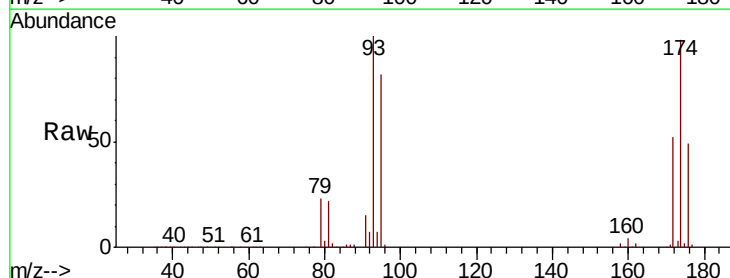
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

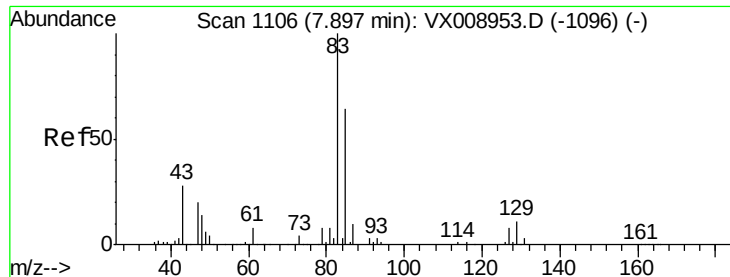
Tot Ion: 63 Resp: 437556
 Ion Ratio Lower Upper
 63 100
 65 30.6 24.1 36.1



#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





#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 :

VSTDIC150

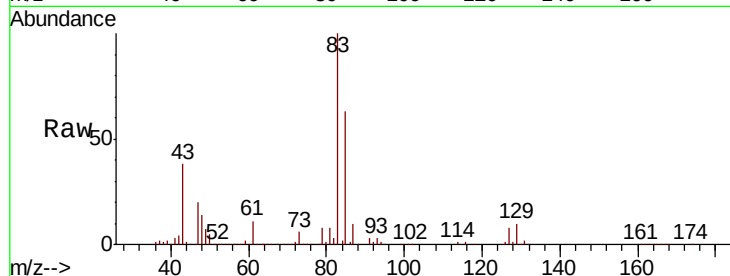
Tot Ion: 83 Resp: 516852

Ion Ratio Lower Upper

83 100

85 63.2 50.8 76.2

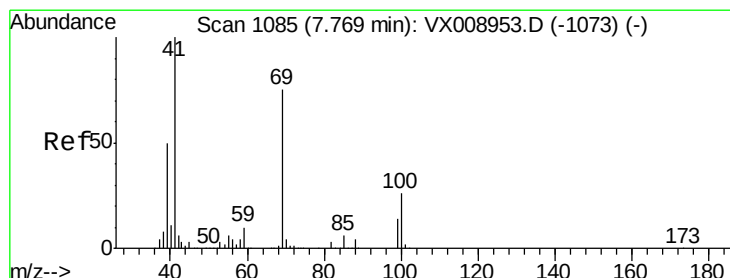
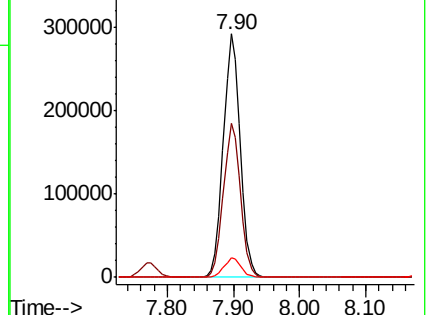
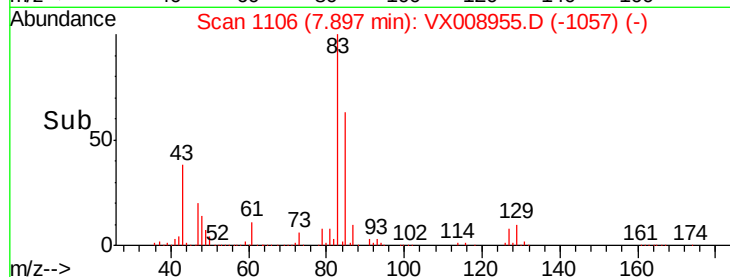
127 8.0 6.4 9.6



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

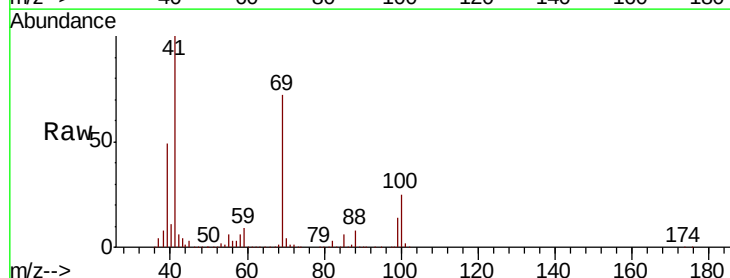
Tgt Ion: 41 Resp: 548884

Ion Ratio Lower Upper

41 100

69 73.6 59.4 89.2

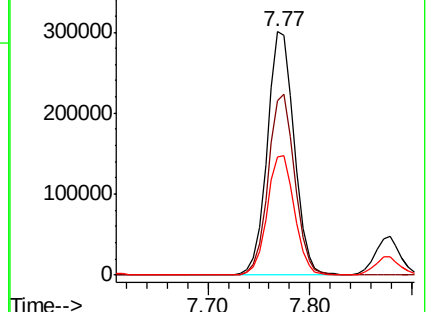
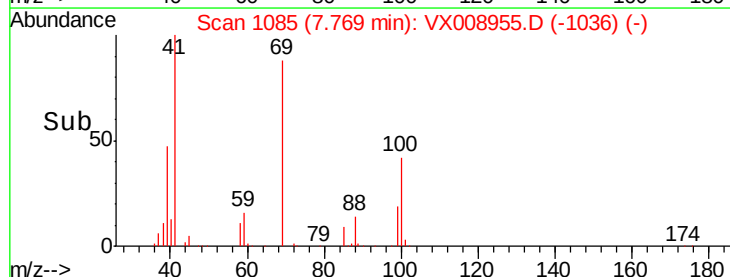
39 49.8 39.8 59.6

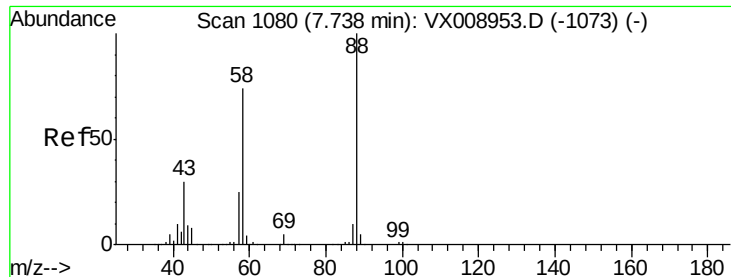


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

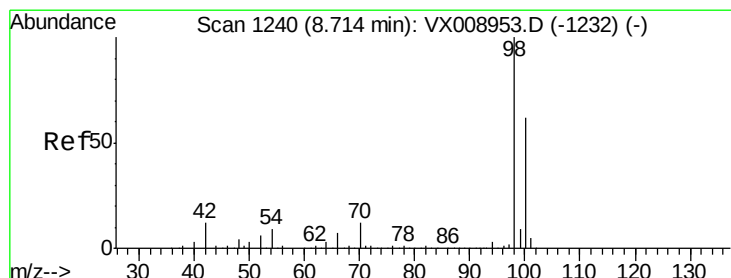
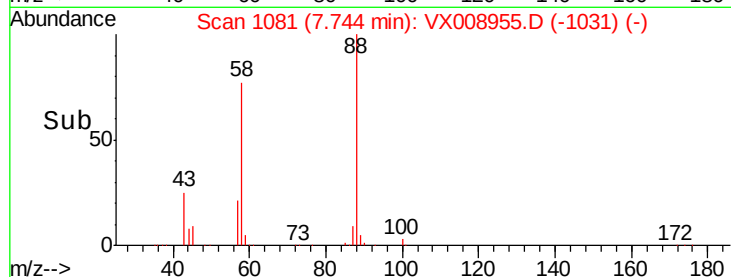
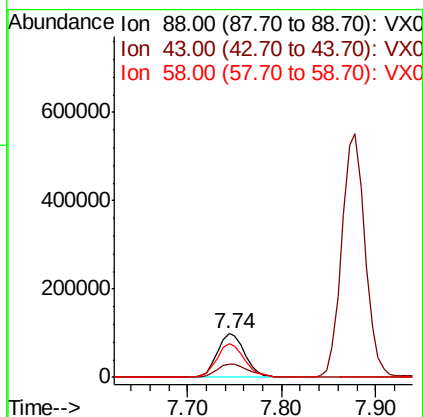
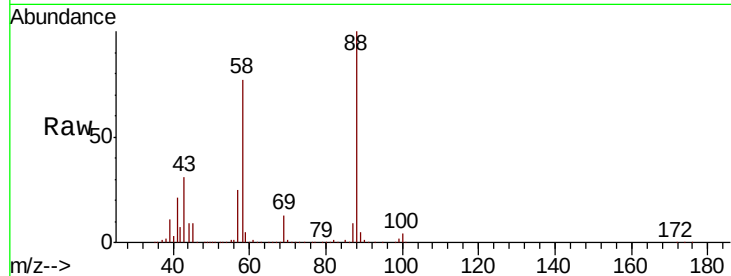




#49
1,4-Dioxane
Concen: 2851.713 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. 0.01 min
Lab File: VX008955.D
Acq: 15 Apr 2019 11:55

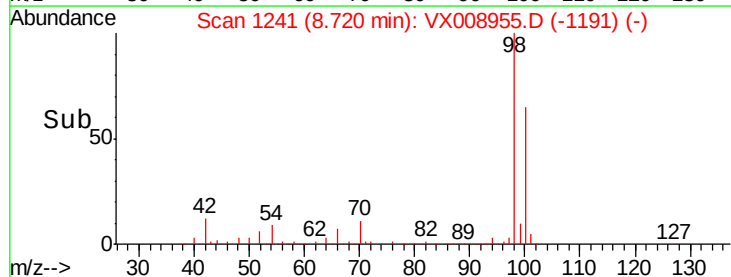
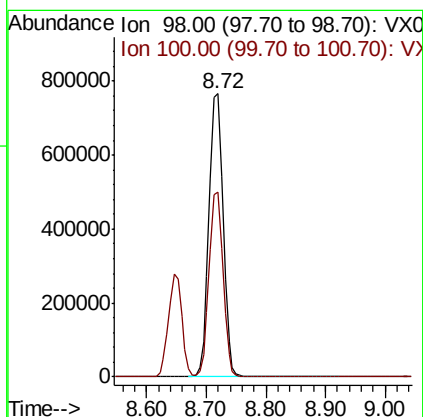
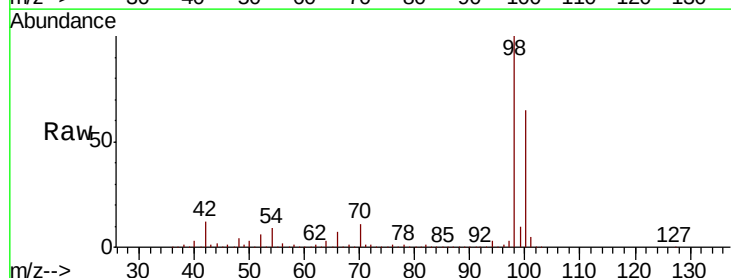
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

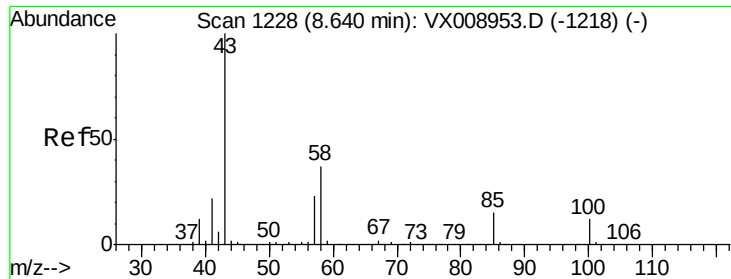
Tot Ion: 88 Resp: 200663
Ion Ratio Lower Upper
88 100
43 35.7 29.3 43.9
58 77.7 62.6 93.8



#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 :

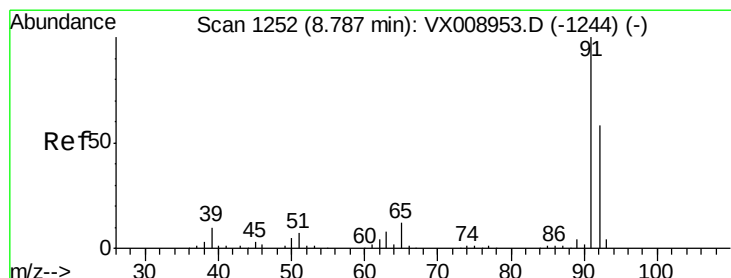
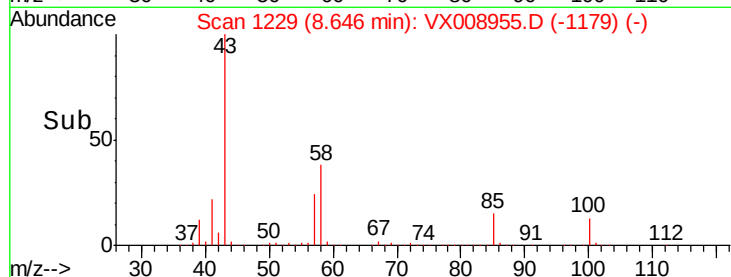
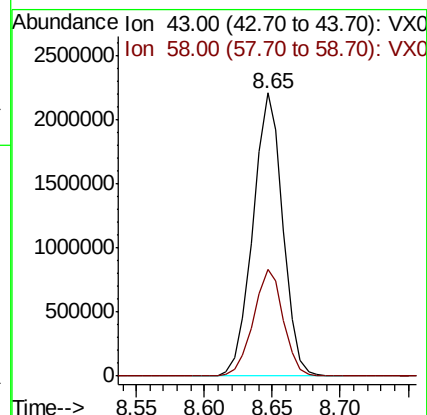
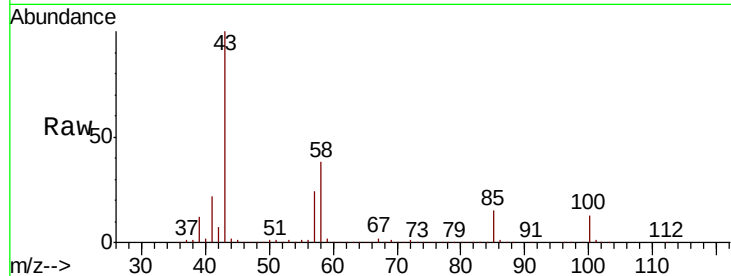
VSTDIC150

Tot Ion: 43 Resp: 3406775

Ion Ratio Lower Upper

43 100

58 37.7 29.8 44.6



#52

Toluene

Concen: 144.806 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX008955.D

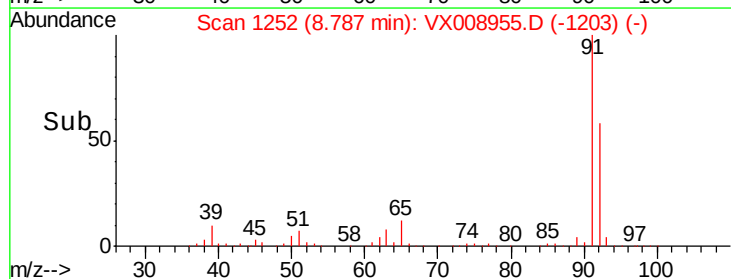
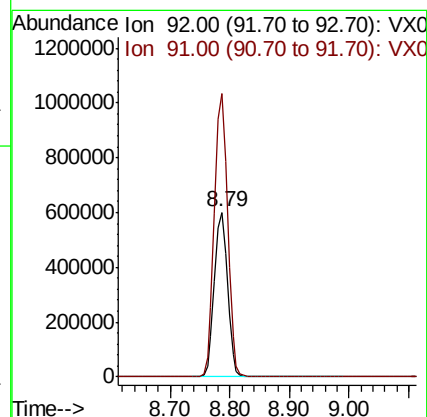
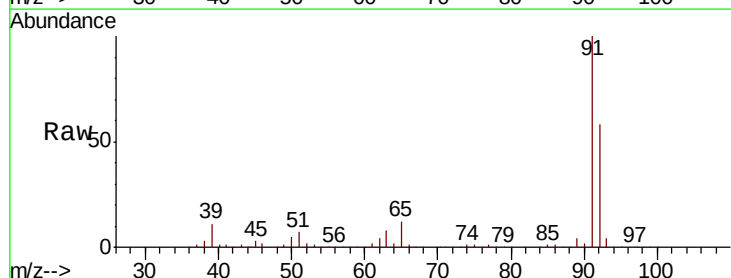
Acq: 15 Apr 2019 11:55

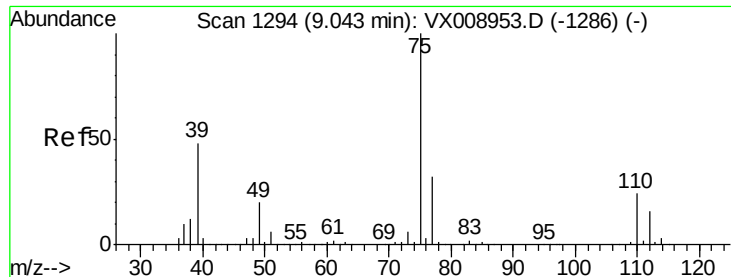
Tgt Ion: 92 Resp: 913078

Ion Ratio Lower Upper

92 100

91 172.7 138.5 207.7

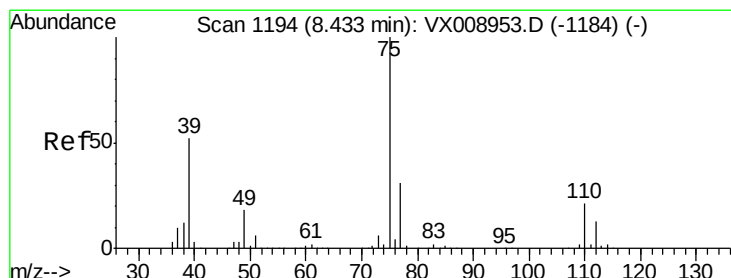
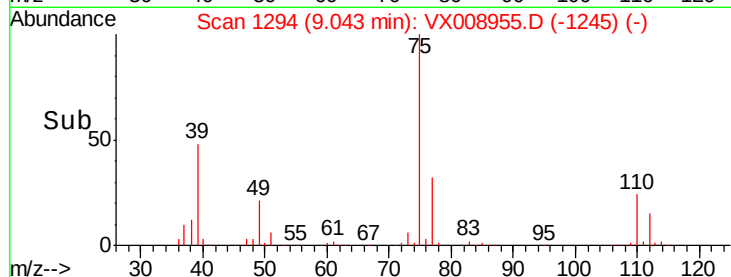
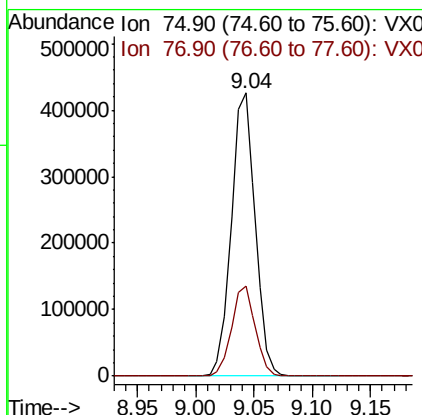
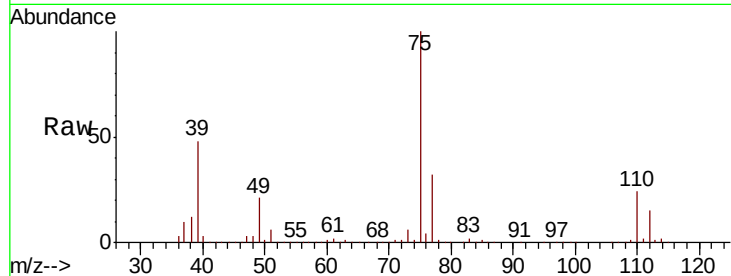




#53
 t-1,3-Dichloropropene
 Concen: 162.094 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX008955.D
 Acq: 15 Apr 2019 11:55

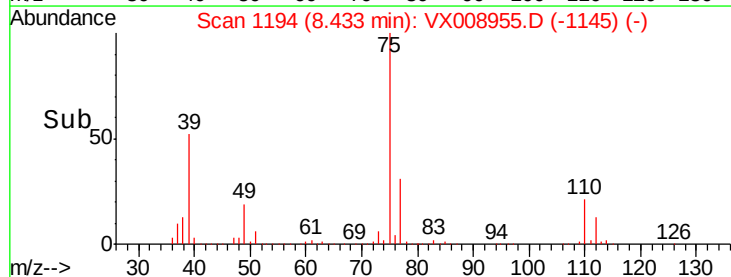
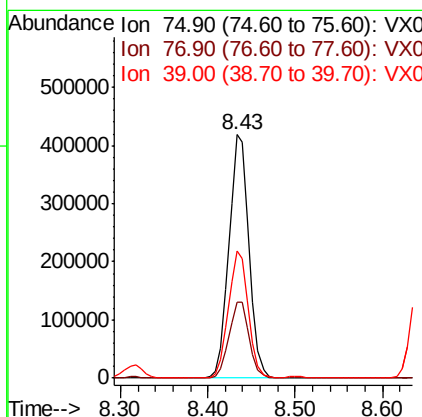
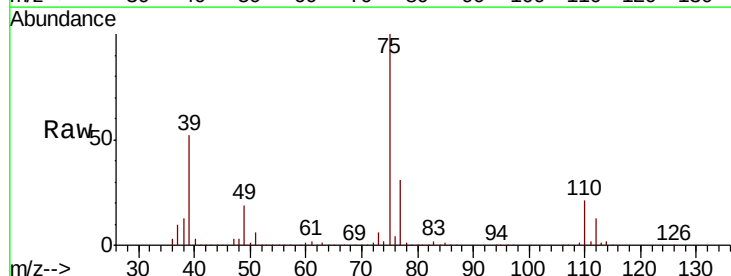
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

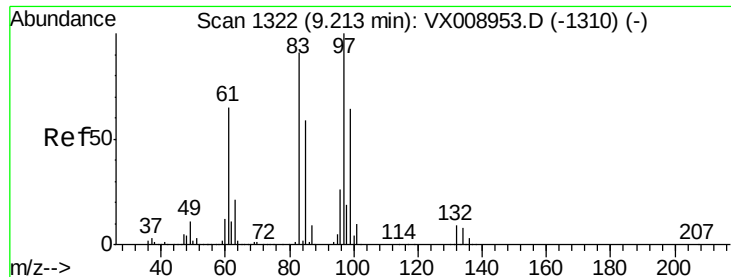
Tot Ion: 75 Resp: 608949
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.4 38.2



#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

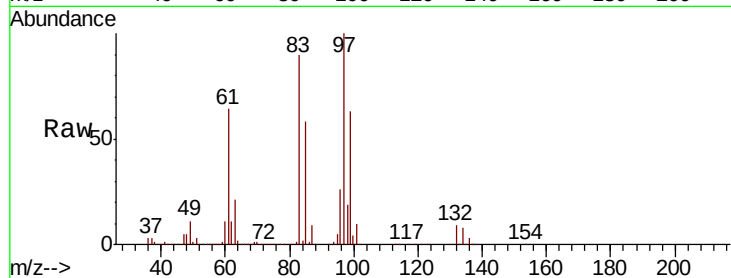




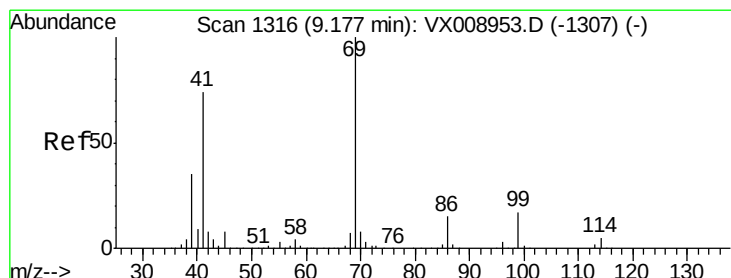
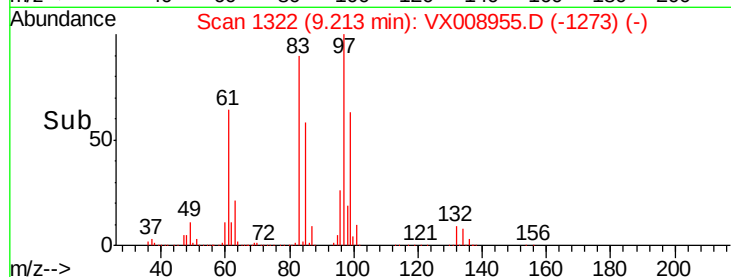
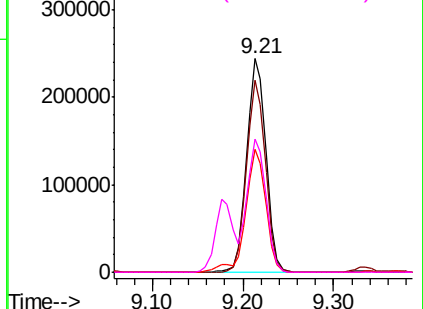
#55
 1,1,2-Trichloroethane
 Concen: 141.859 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008955.D
 Acq: 15 Apr 2019 11:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

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

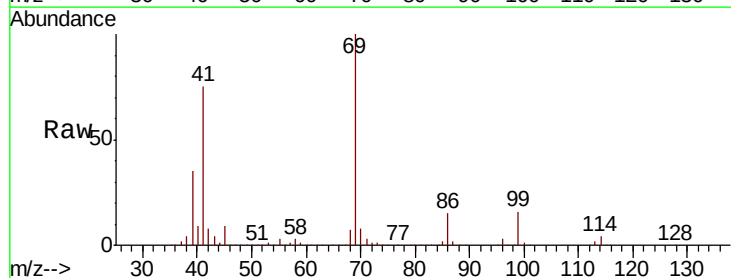


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

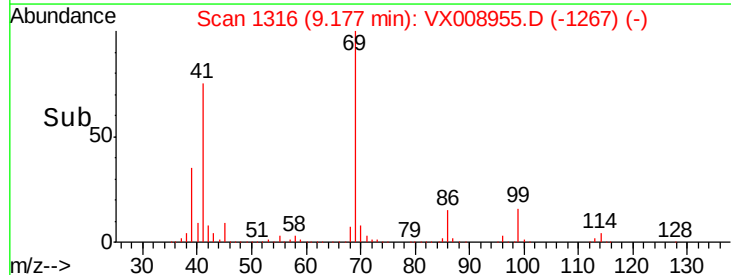
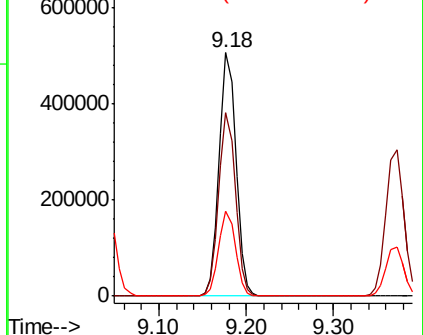


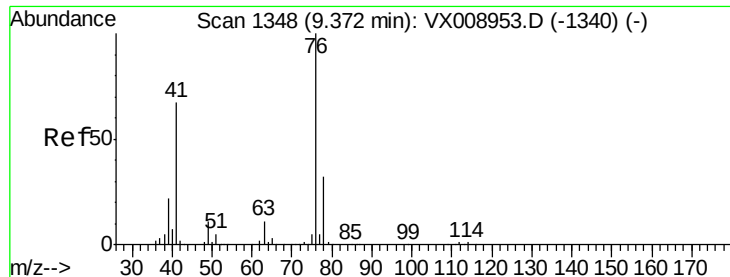
#56
 Ethyl methacrylate
 Concen: 148.531 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX008955.D
 Acq: 15 Apr 2019 11:55

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



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

ClientSampled :

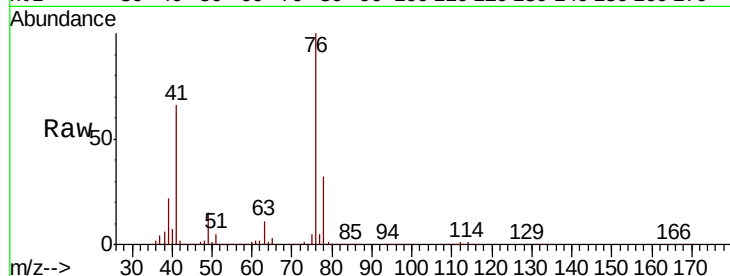
VSTDIC150

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

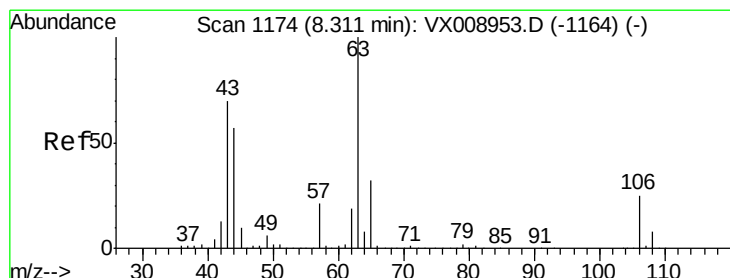
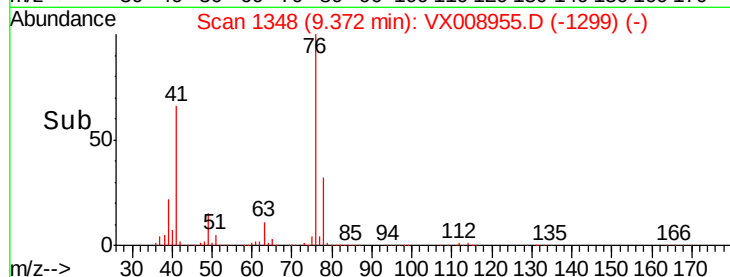
0

Time-->

9.30

9.40

9.50



#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

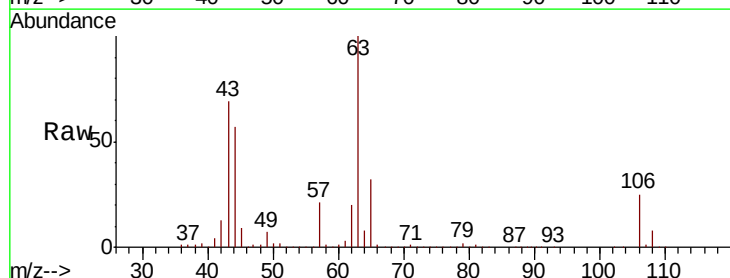
Acq: 15 Apr 2019 11:55

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

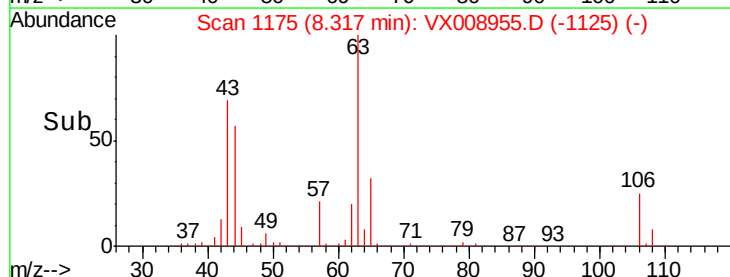
0

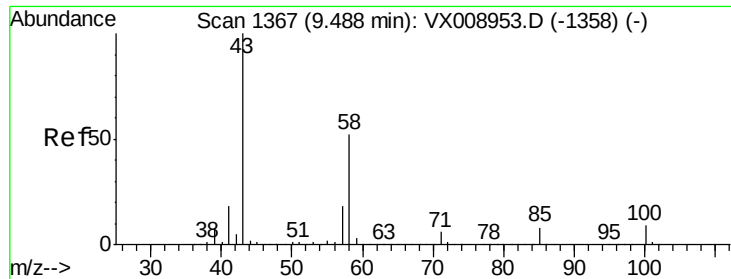
Time-->

8.20

8.30

8.40

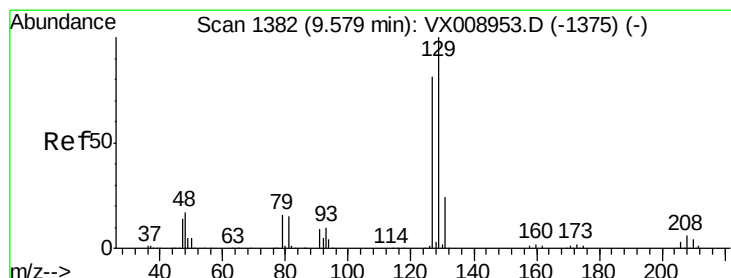
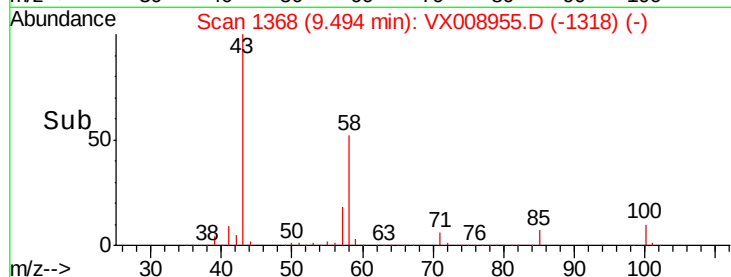
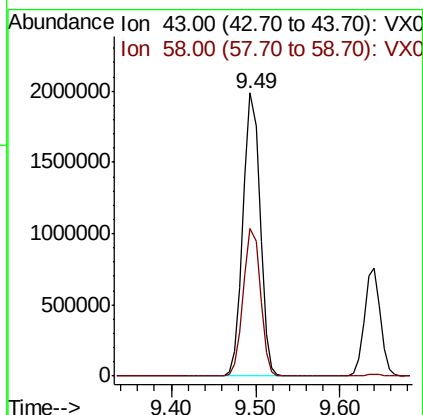
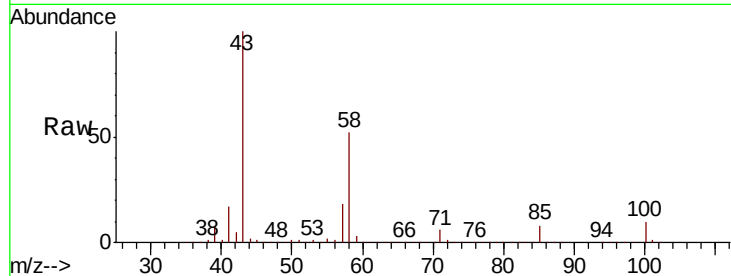




#59
2-Hexanone
Concen: 714.739 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.01 min
Lab File: VX008955.D
Acq: 15 Apr 2019 11:55

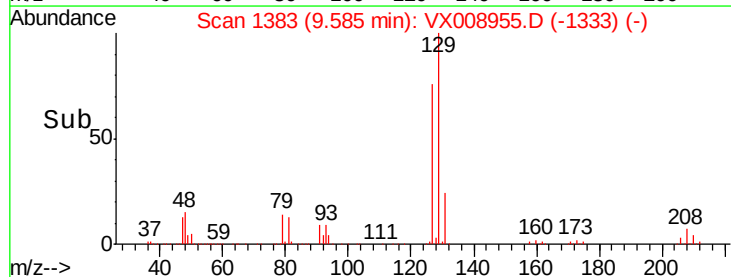
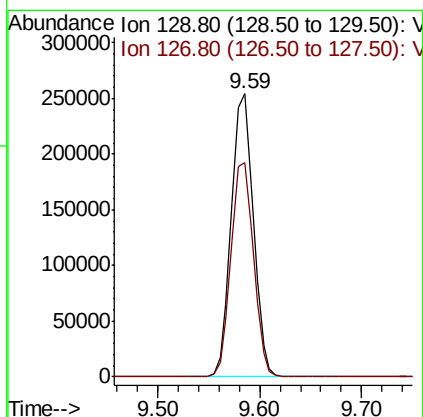
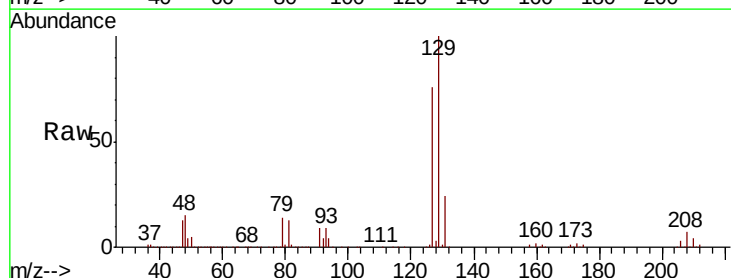
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

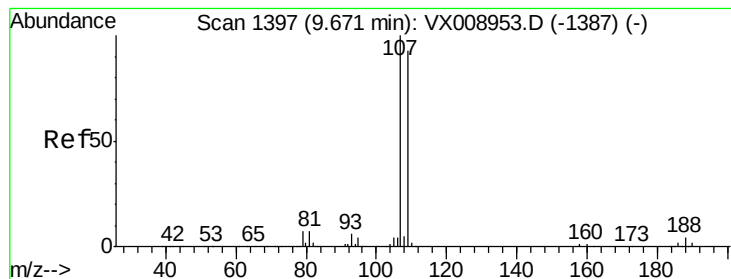
Tot Ion: 43 Resp: 2676646
Ion Ratio Lower Upper
43 100
58 52.5 25.9 77.8



#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 :

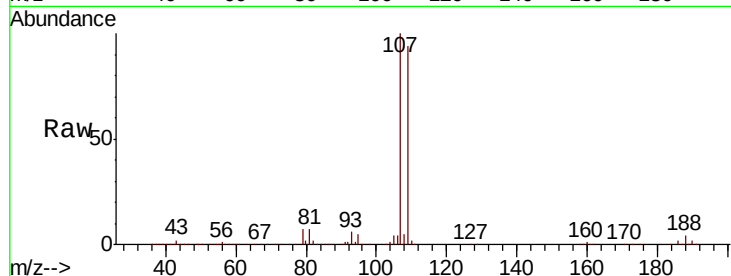
VSTDIC150

Tot Ion:107 Resp: 375138

Ion Ratio Lower Upper

107 100

109 94.2 74.4 111.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

250000

200000

150000

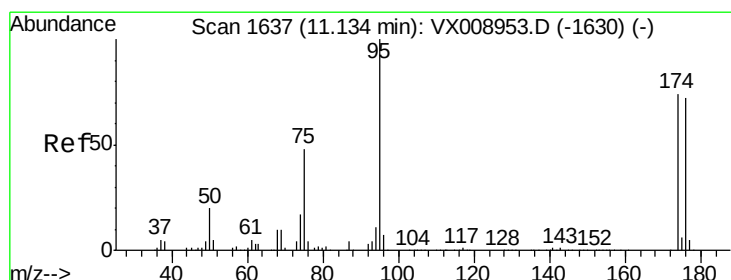
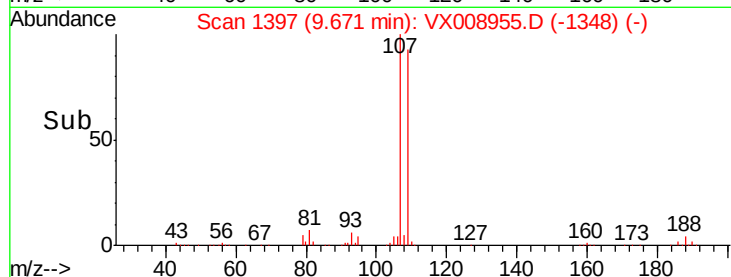
100000

50000

0

Time-->

9.50 9.60 9.70 9.80



#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

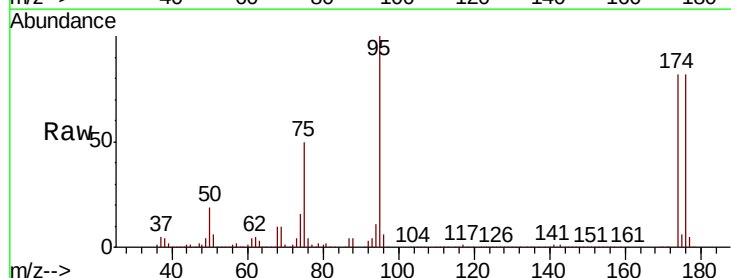
Tgt Ion: 95 Resp: 455696

Ion Ratio Lower Upper

95 100

174 79.5 0.0 159.6

176 77.8 0.0 154.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.14

400000

300000

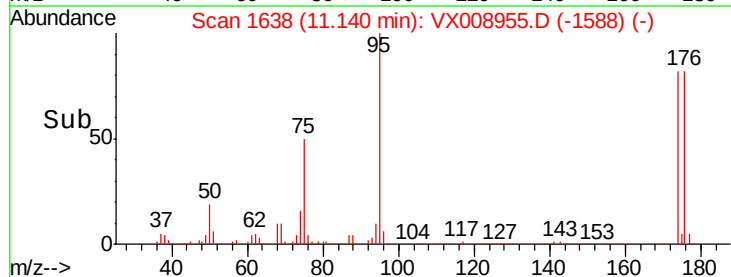
200000

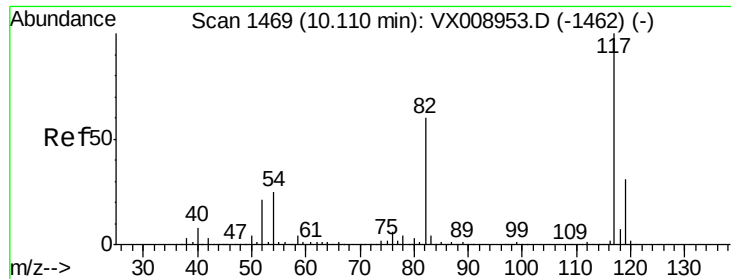
100000

0

Time-->

11.10 11.20

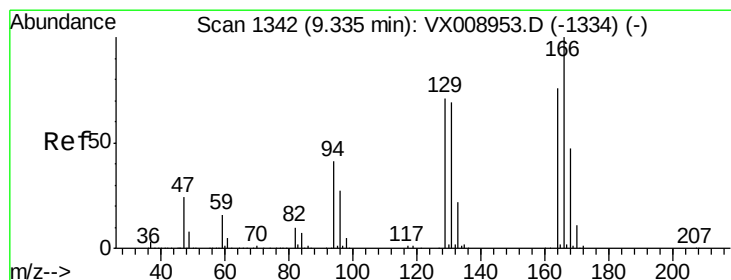
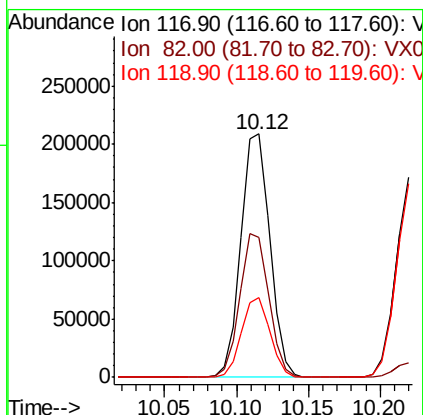
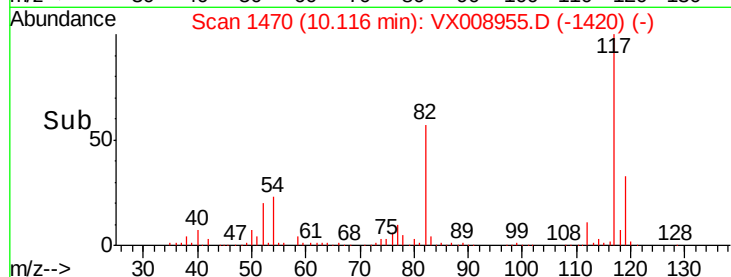
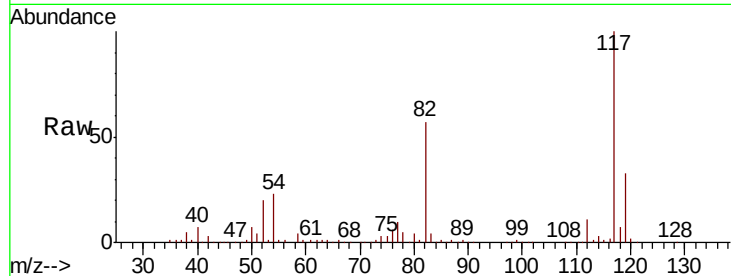




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX008955.D
Acq: 15 Apr 2019 11:55

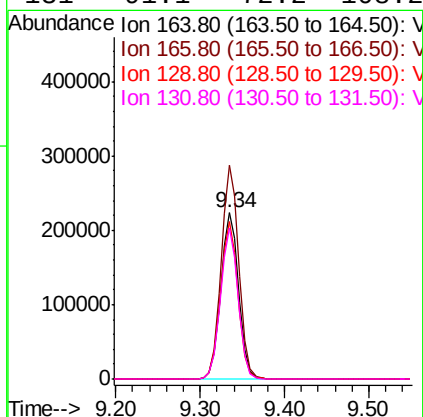
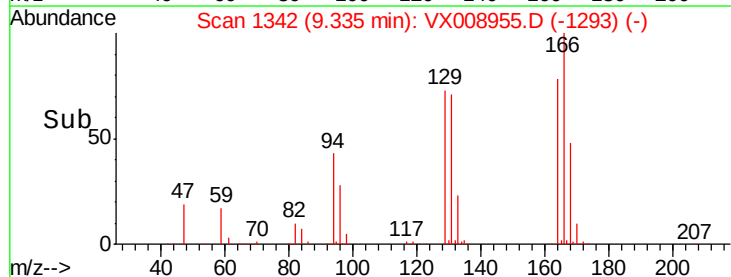
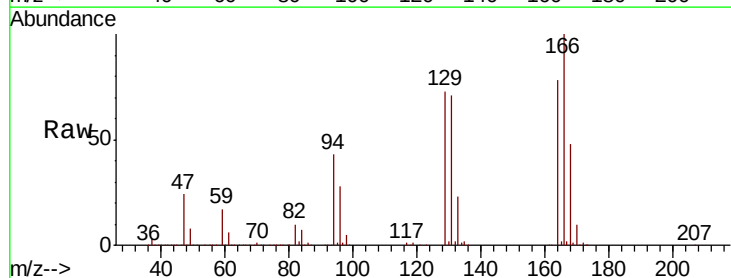
Instrument :
MSVOA_X
ClientSampled :
VSTDIC150

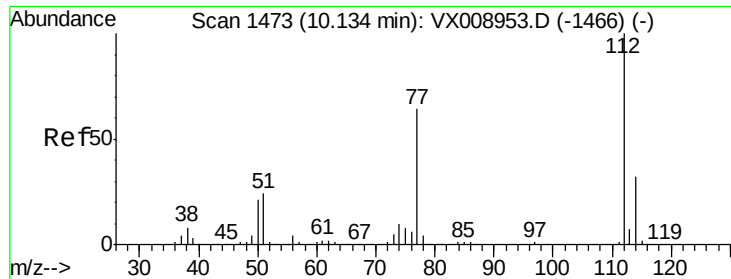
Tot Ion:117 Resp: 292046
Ion Ratio Lower Upper
117 100
82 57.4 48.2 72.4
119 32.6 25.0 37.6



#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

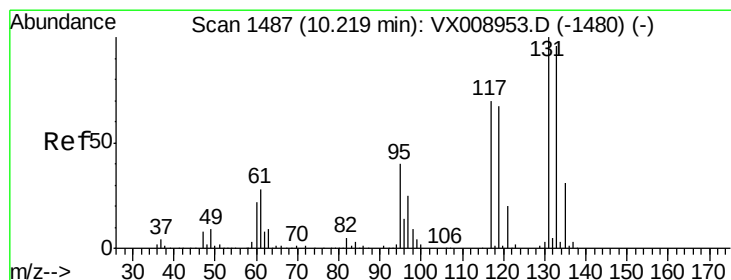
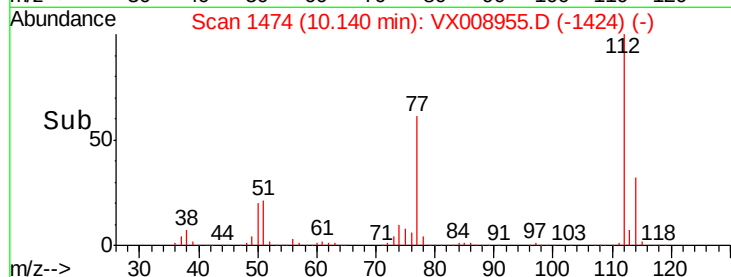
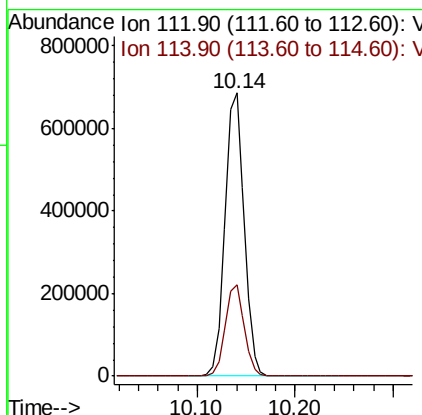
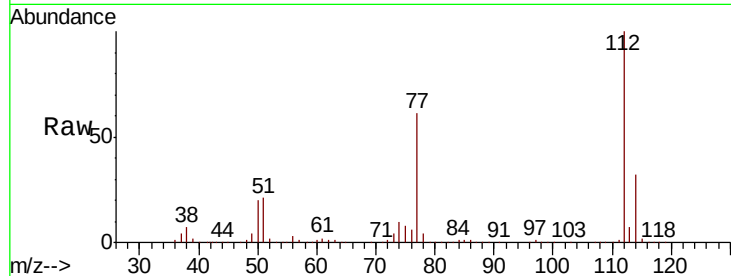




#65
Chlorobenzene
Concen: 146.103 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX008955.D
Acq: 15 Apr 2019 11:55

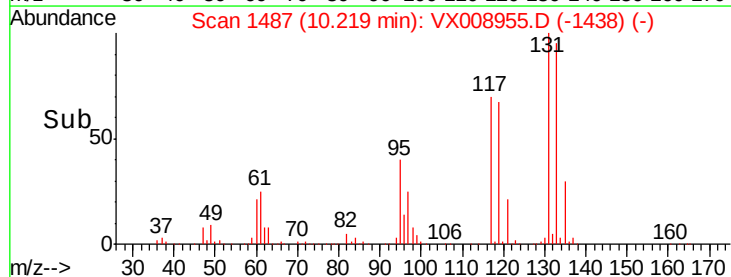
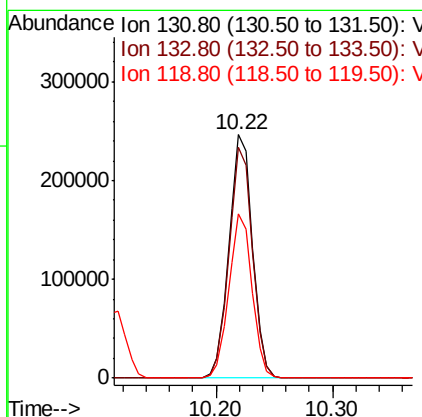
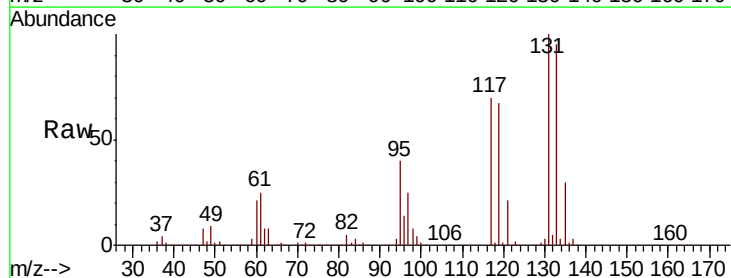
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

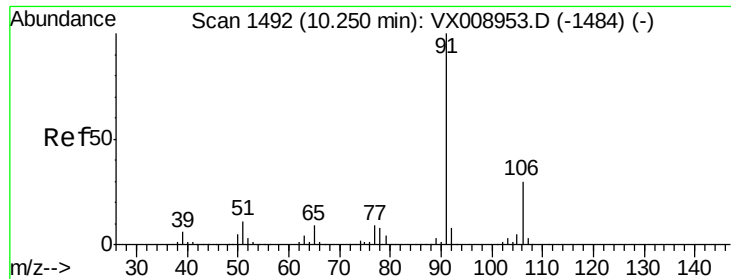
Tot Ion:112 Resp: 929540
Ion Ratio Lower Upper
112 100
114 32.1 25.4 38.0



#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

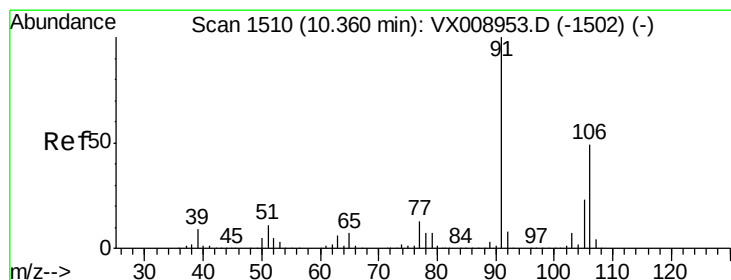
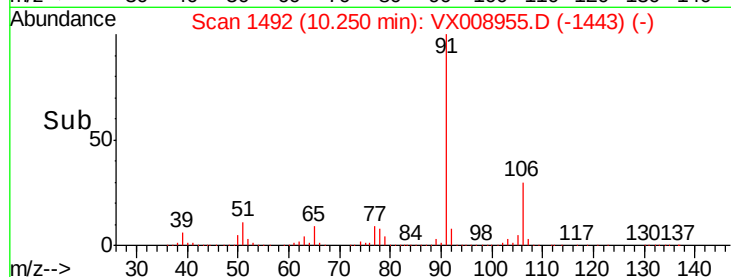
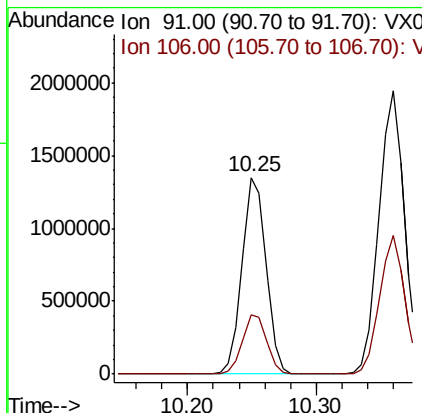
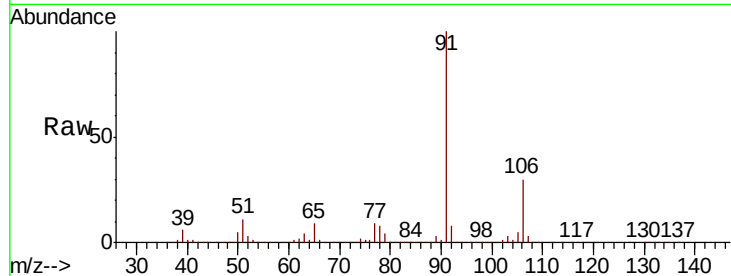




#67
Ethyl Benzene
Concen: 146.896 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX008955.D
Acq: 15 Apr 2019 11:55

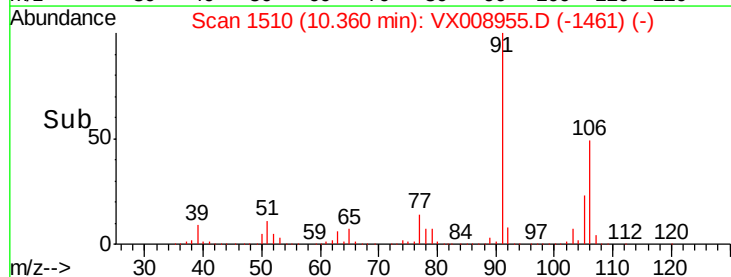
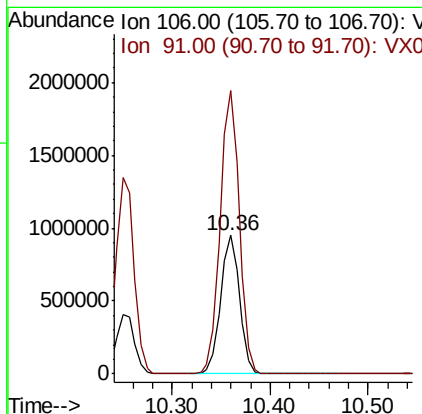
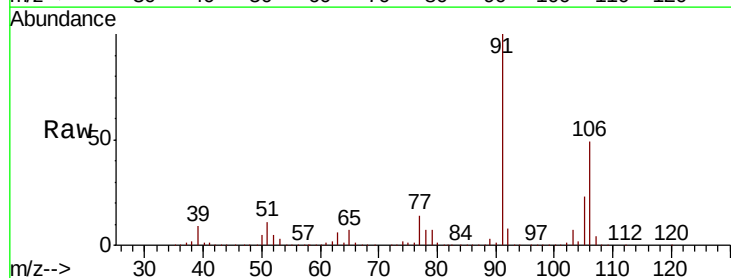
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

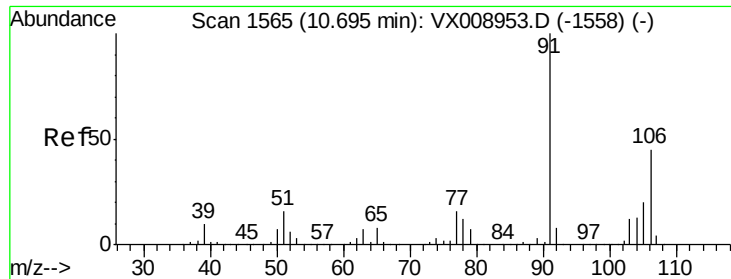
Tot Ion: 91 Resp: 1737869
Ion Ratio Lower Upper
91 100
106 30.0 24.3 36.5



#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

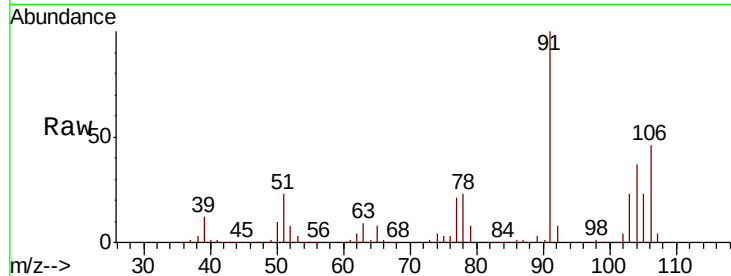




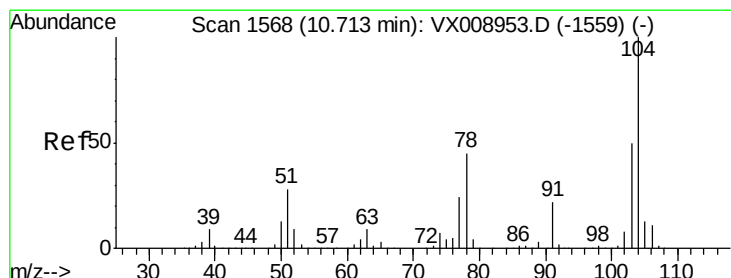
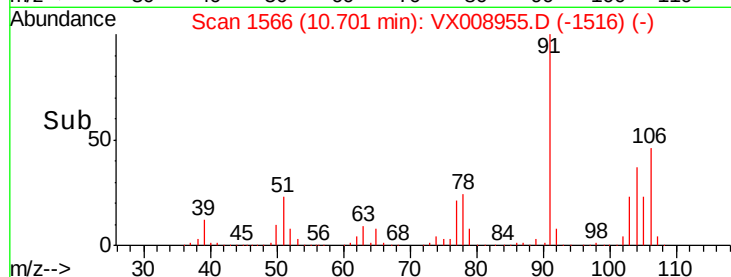
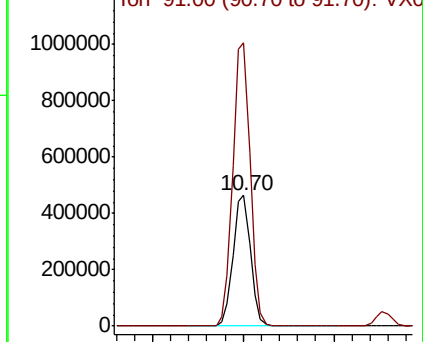
#69
o-Xylene
Concen: 149.140 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX008955.D
Acq: 15 Apr 2019 11:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

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

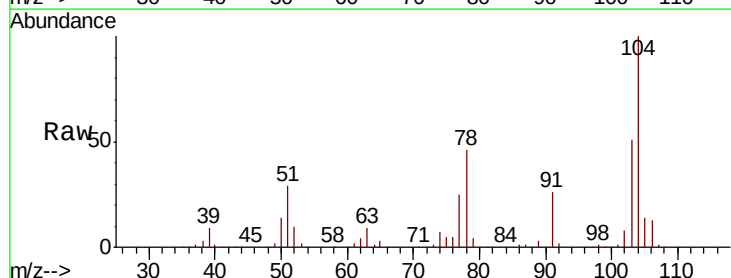


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

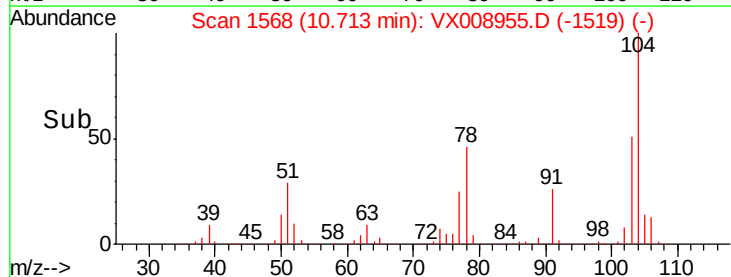
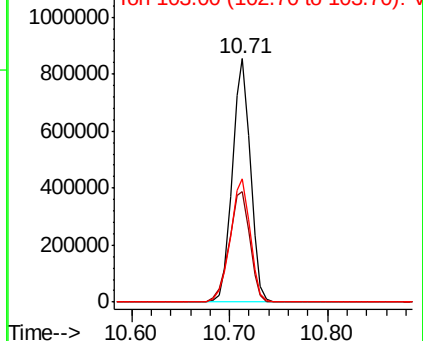


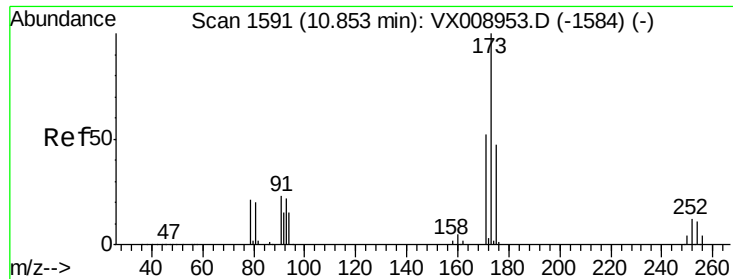
#70
Styrene
Concen: 153.442 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX008955.D
Acq: 15 Apr 2019 11:55

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

ClientSampleId :

VSTDIC150

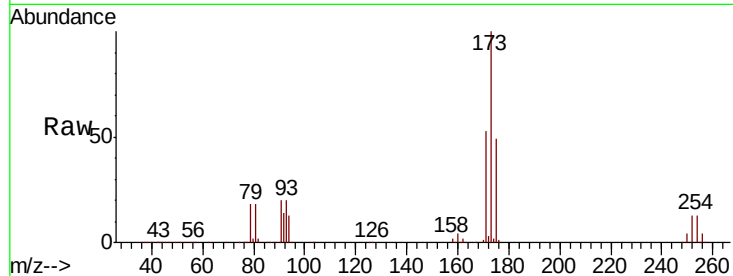
Tot Ion:173 Resp: 297319

Ion Ratio Lower Upper

173 100

175 49.1 23.9 71.8

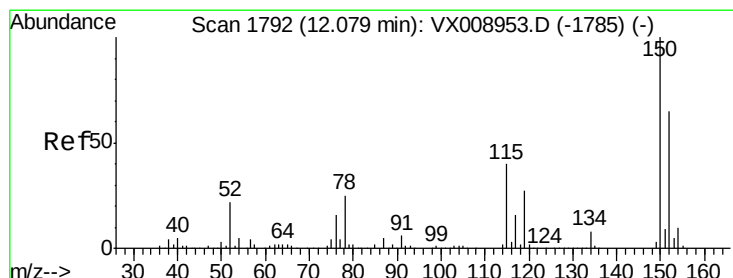
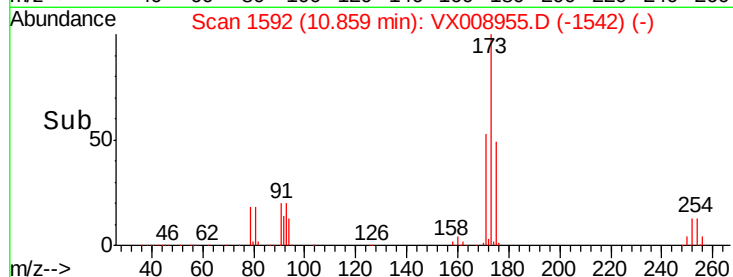
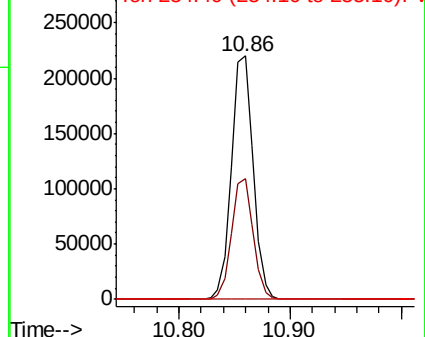
254 0.2 0.2 0.4#



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

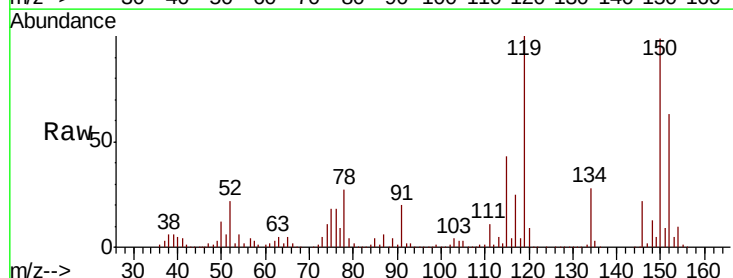
Tgt Ion:152 Resp: 151053

Ion Ratio Lower Upper

152 100

115 130.6 41.4 124.2#

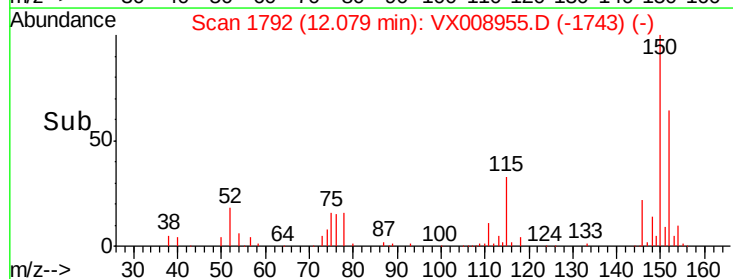
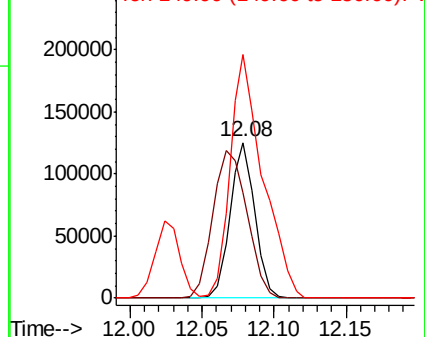
150 205.8 0.0 349.8

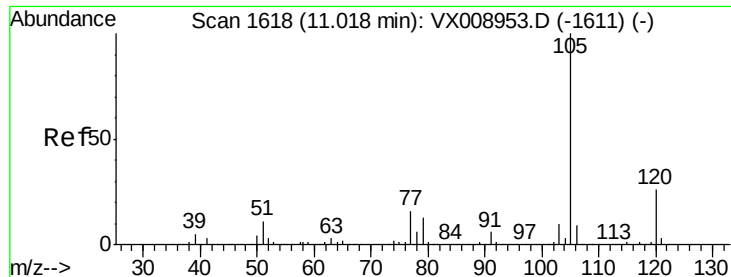


Abundance Ion 151.90 (151.60 to 152.60): V

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 :

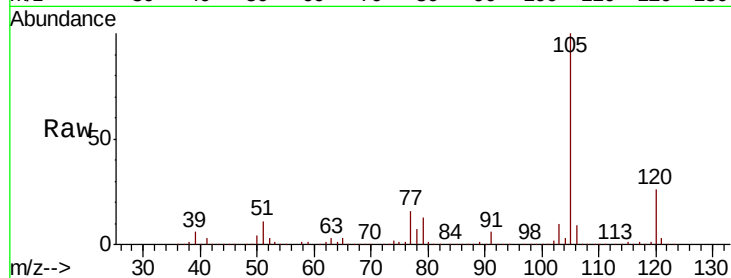
VSTDIC150

Tot Ion:105 Resp: 1633685

Ion Ratio Lower Upper

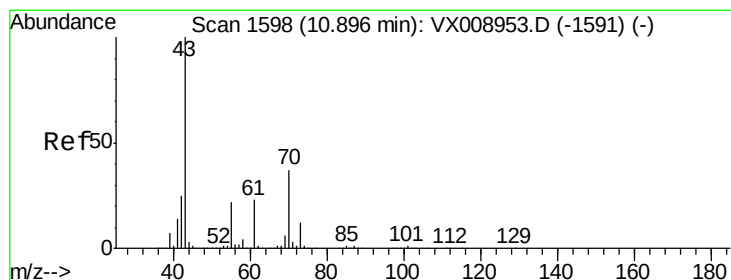
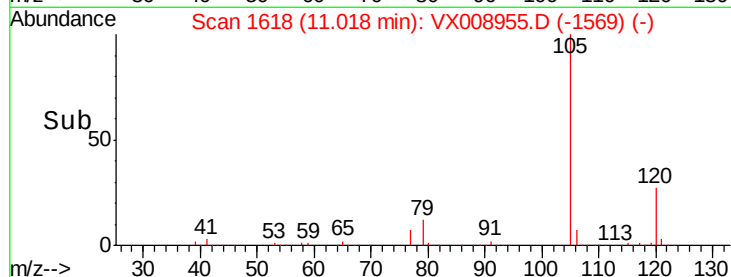
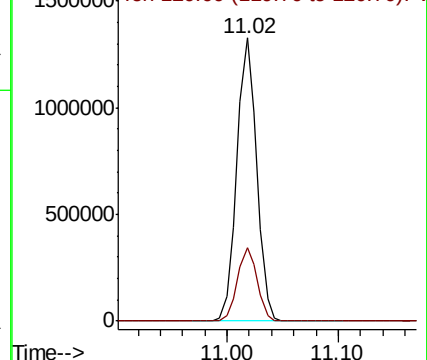
105 100

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



#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

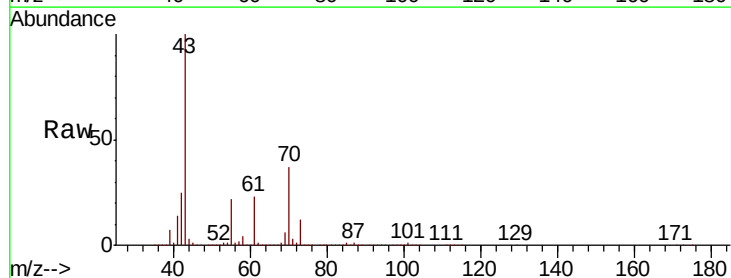
Ion Ratio Lower Upper

43 100

70 37.4 29.9 44.9

55 22.0 17.8 26.8

61 22.9 18.3 27.5

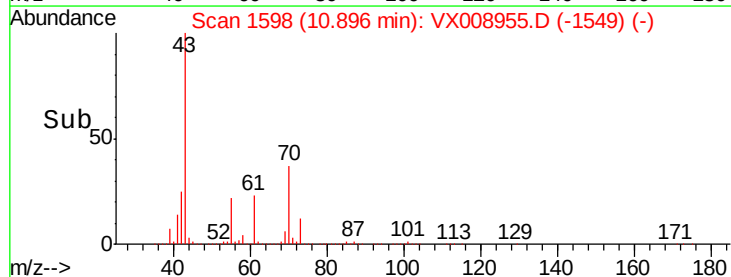
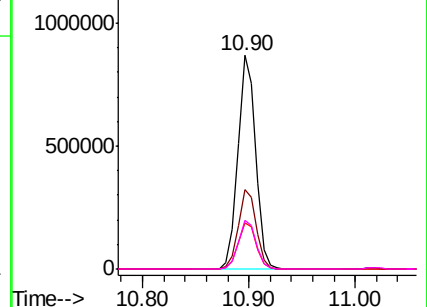


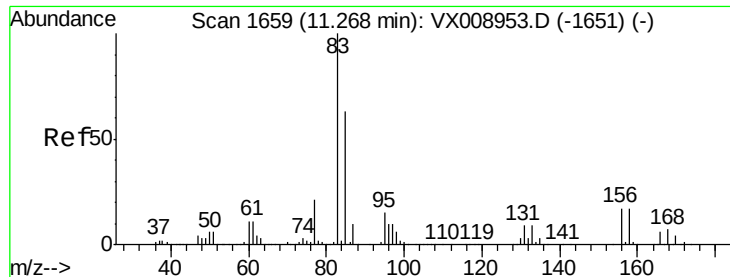
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#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 :

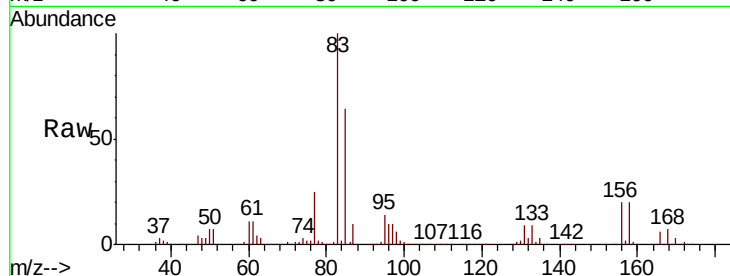
MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 83 Resp: 604316

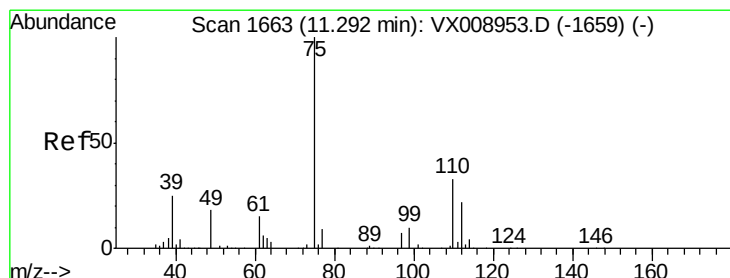
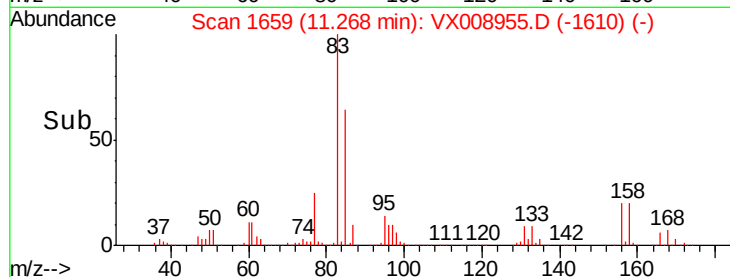
Ion	Ratio	Lower	Upper
83	100		
131	9.4	4.7	14.0
85	64.3	31.9	95.9



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

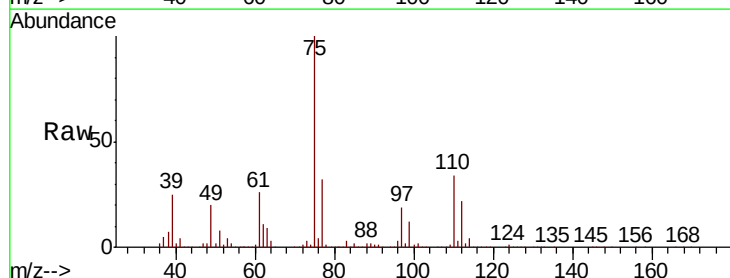
Delta R.T. 0.01 min

Lab File: VX008955.D

Acq: 15 Apr 2019 11:55

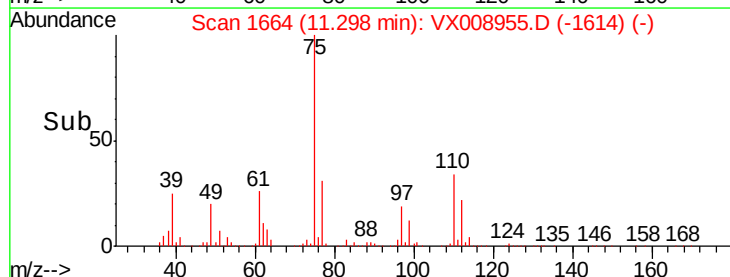
Tgt Ion: 75 Resp: 743094

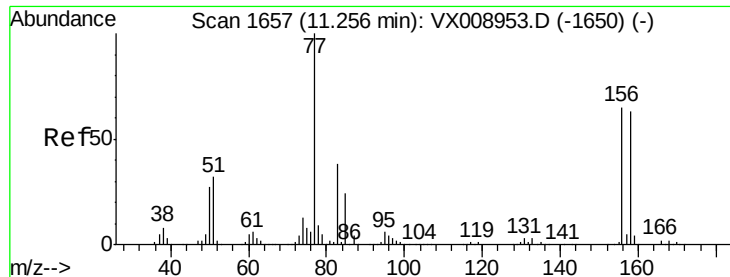
Ion	Ratio	Lower	Upper
75	100		
77	31.0	22.7	68.0



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 :

VSTDIC150

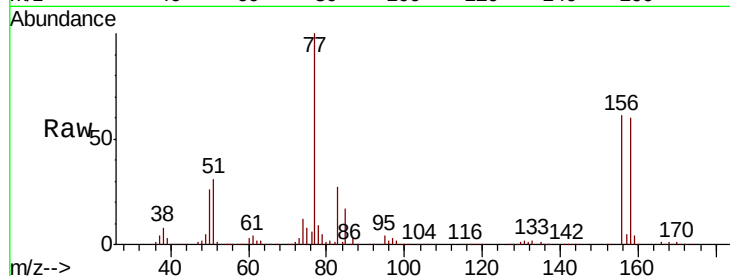
Tot Ion:156 Resp: 408488

Ion Ratio Lower Upper

156 100

77 172.8 85.4 256.1

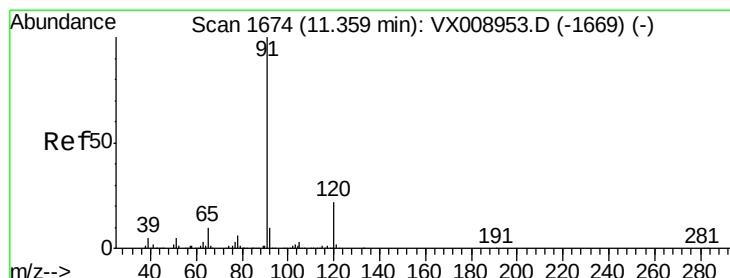
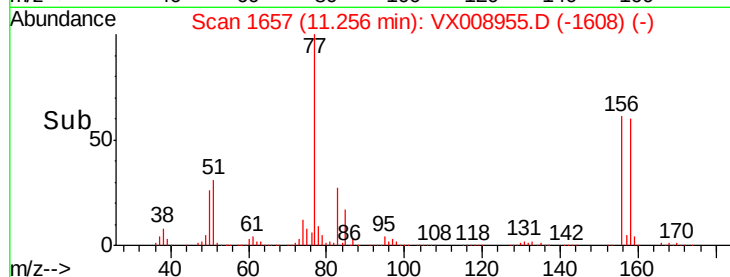
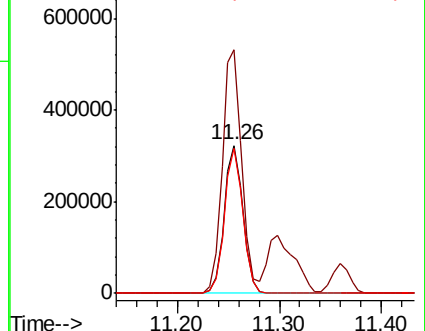
158 97.2 48.8 146.4



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

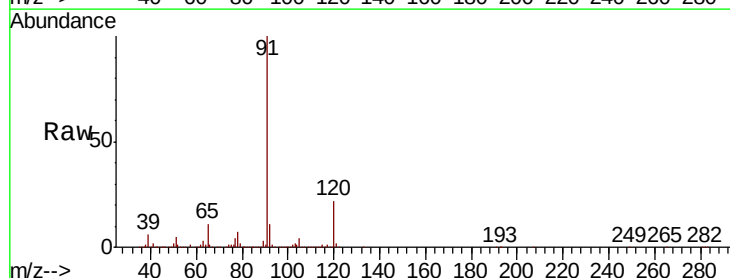
Acq: 15 Apr 2019 11:55

Tgt Ion: 91 Resp: 1939782

Ion Ratio Lower Upper

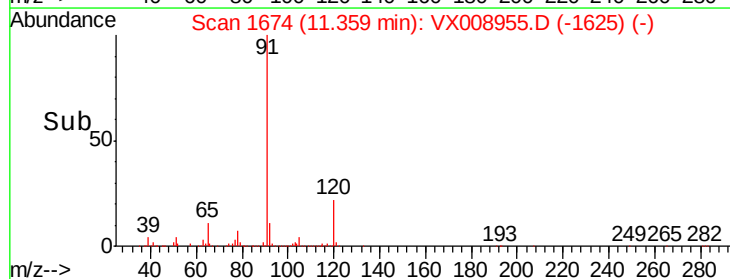
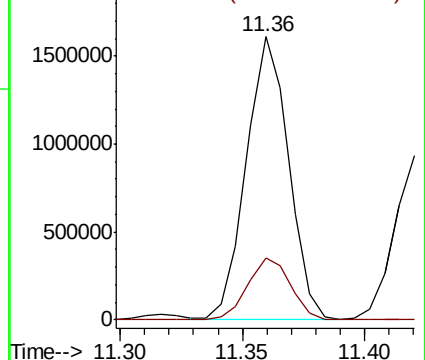
91 100

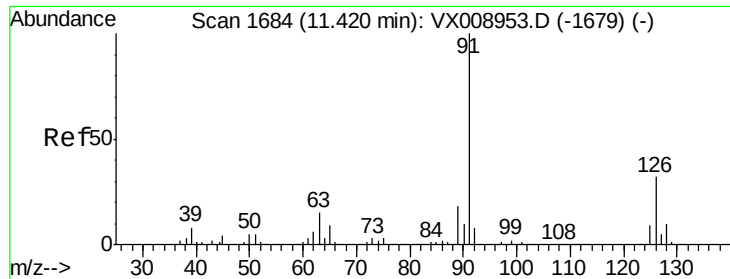
120 22.3 10.9 32.9



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 :

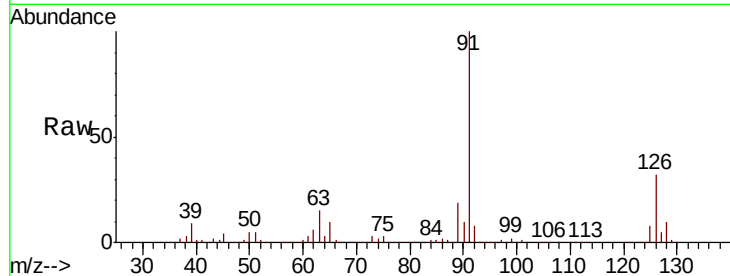
VSTDIC150

Tot Ion: 91 Resp: 1135827

Ion Ratio Lower Upper

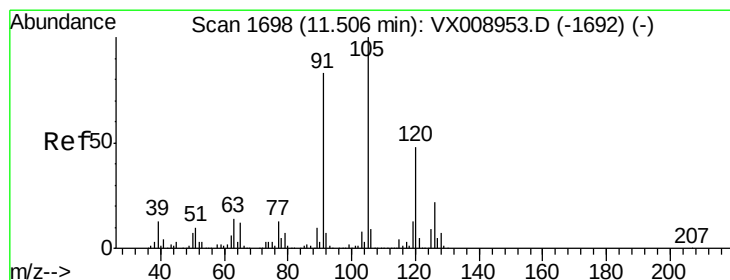
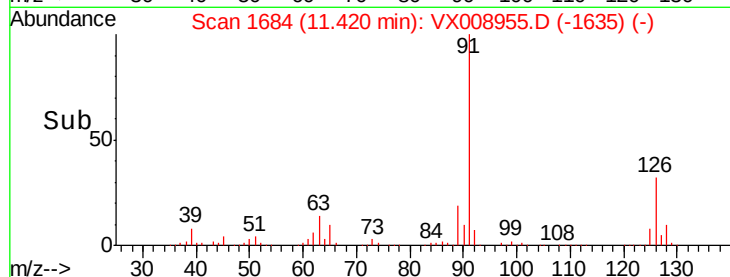
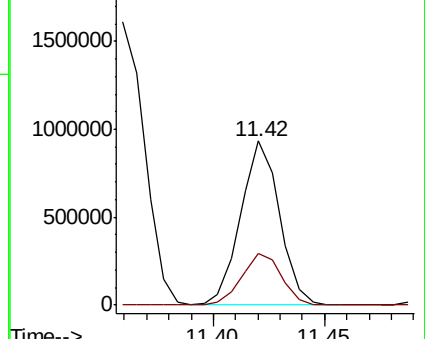
91 100

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

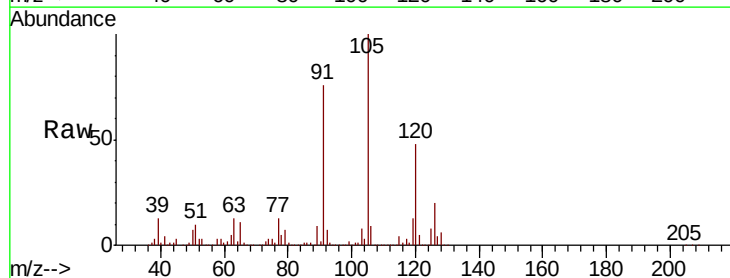
Acq: 15 Apr 2019 11:55

Tgt Ion:105 Resp: 1415106

Ion Ratio Lower Upper

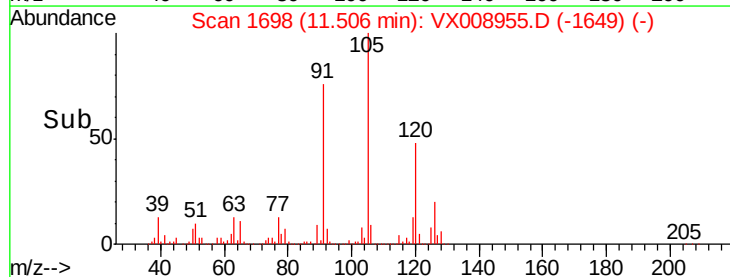
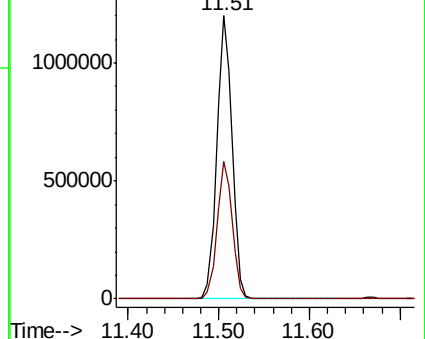
105 100

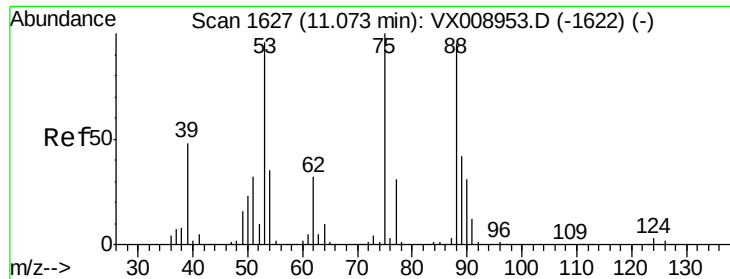
120 48.2 24.1 72.3



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 :

VSTDIC150

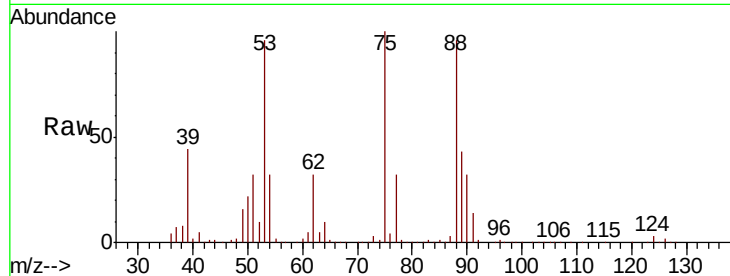
Tot Ion: 75 Resp: 233469

Ion Ratio Lower Upper

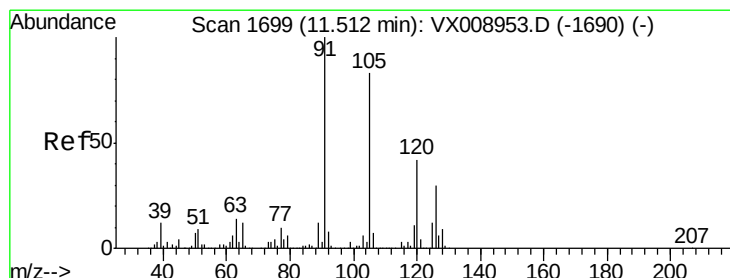
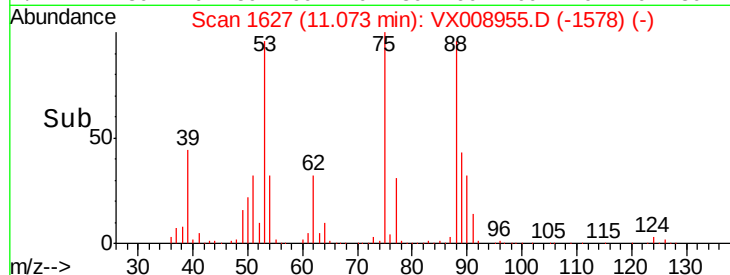
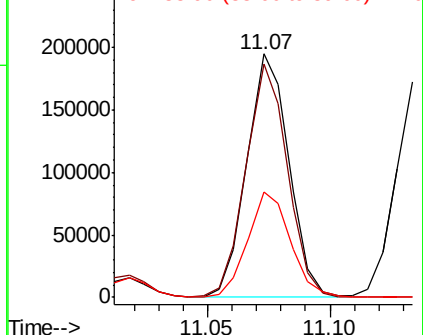
75 100

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

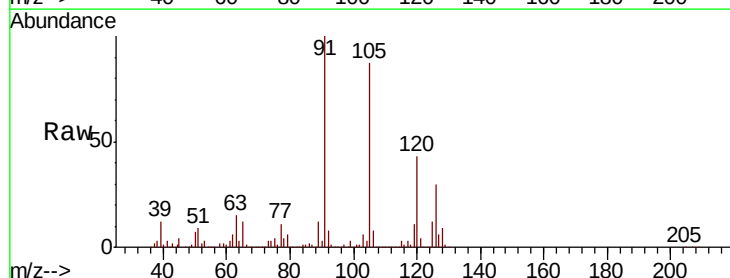
Acq: 15 Apr 2019 11:55

Tgt Ion: 91 Resp: 1347693

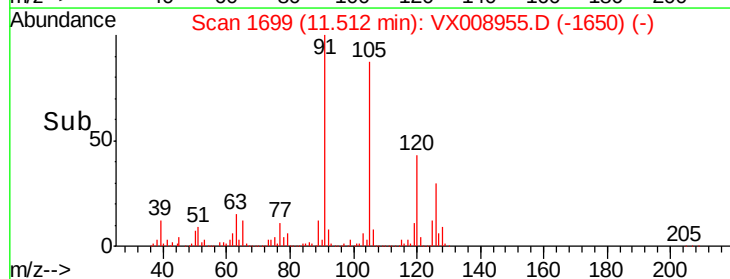
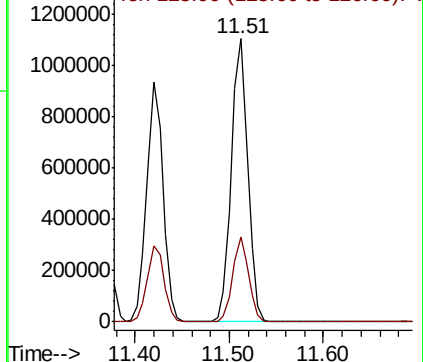
Ion Ratio Lower Upper

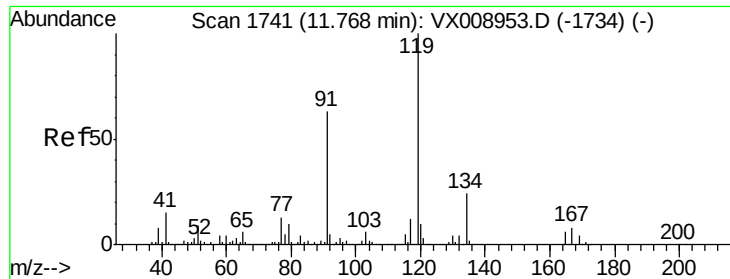
91 100

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

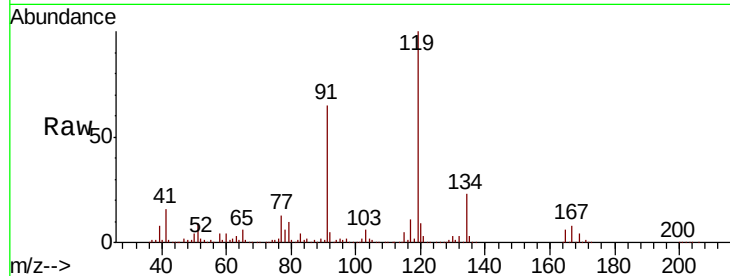




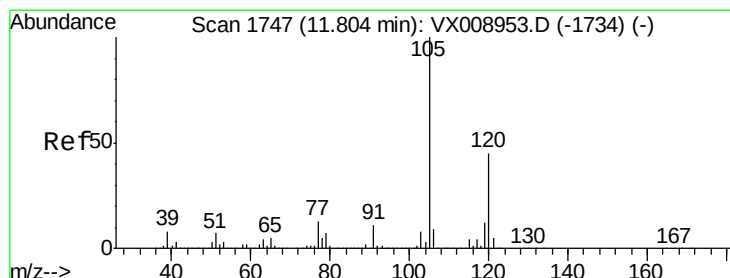
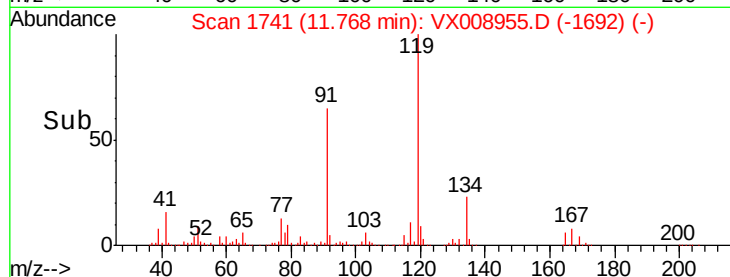
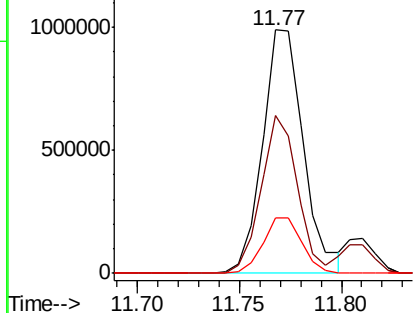
#83
 tert-Butylbenzene
 Concen: 140.259 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX008955.D
 Acq: 15 Apr 2019 11:55

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC150

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

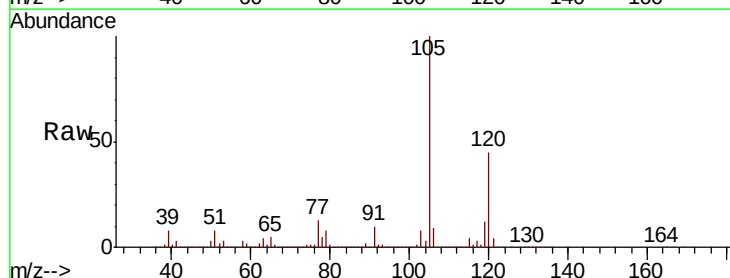


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VX0
 Ion 134.00 (133.70 to 134.70): V

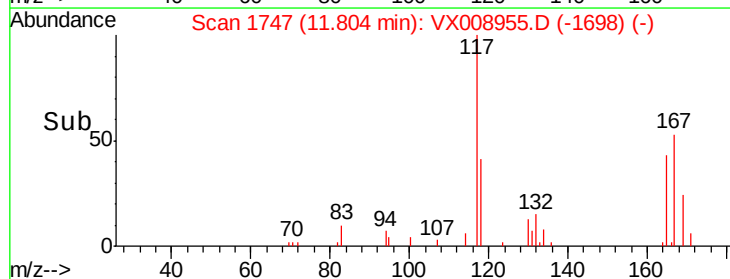
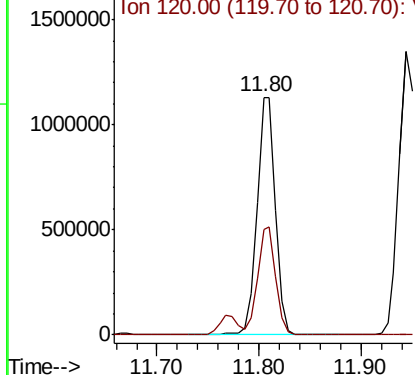


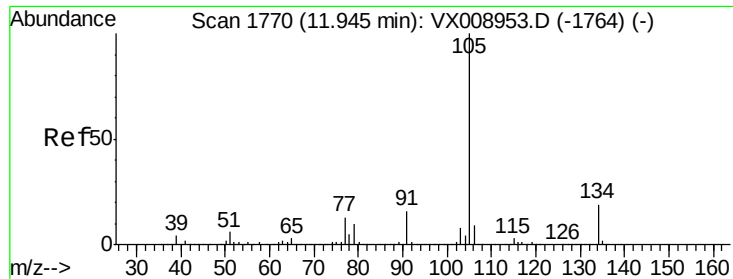
#84
 1,2,4-Trimethylbenzene
 Concen: 138.282 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX008955.D
 Acq: 15 Apr 2019 11:55

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

ClientSampleId :

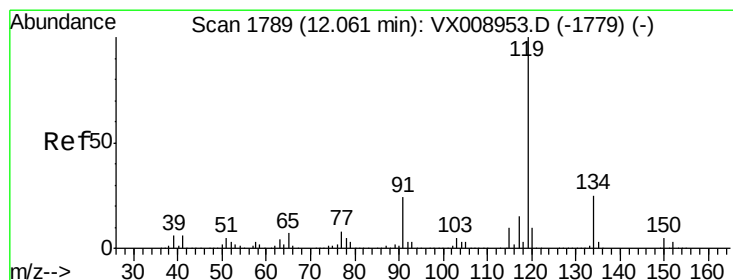
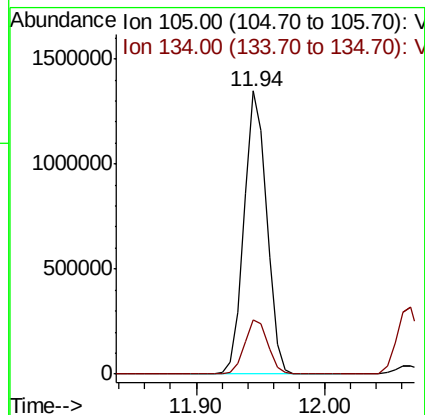
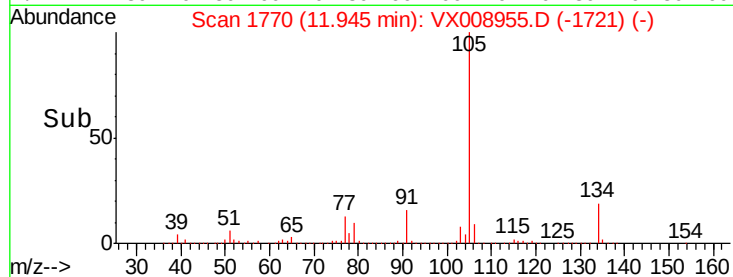
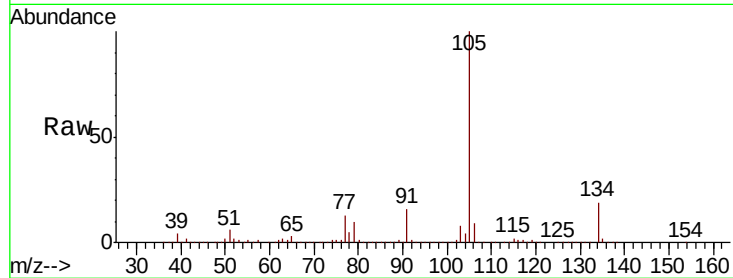
VSTDIC150

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

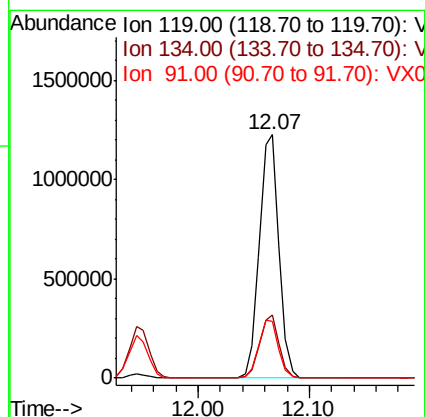
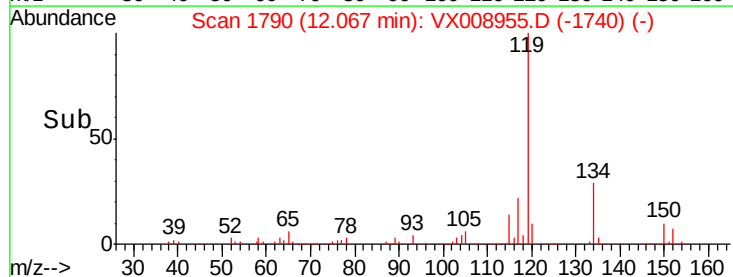
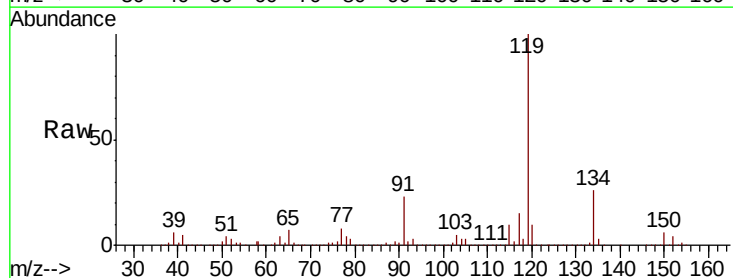
Tgt Ion:119 Resp: 1505834

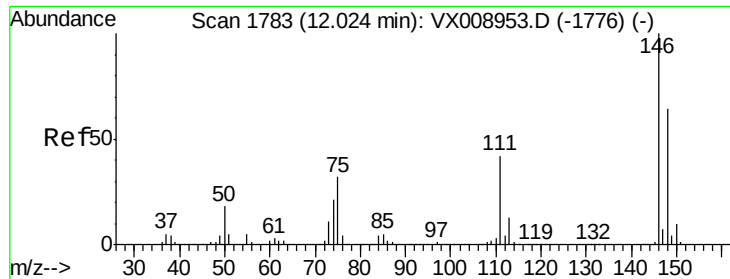
Ion Ratio Lower Upper

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 :

VSTDIC150

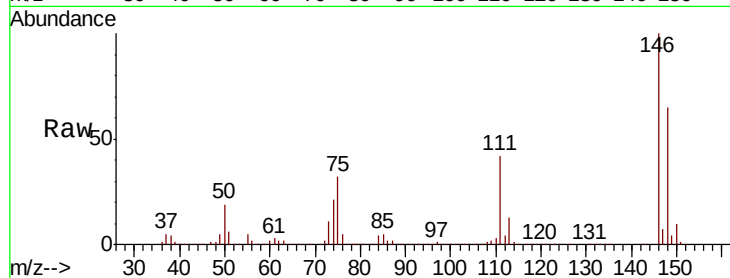
Tot Ion:146 Resp: 745092

Ion Ratio Lower Upper

146 100

111 40.9 20.5 61.6

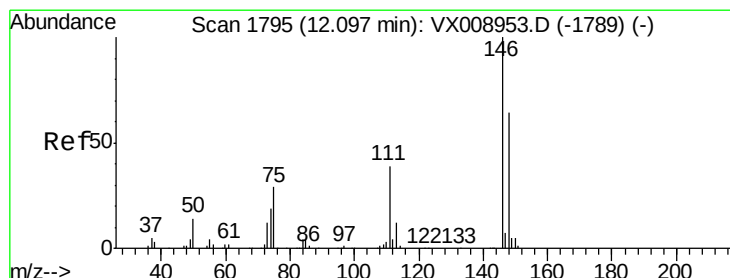
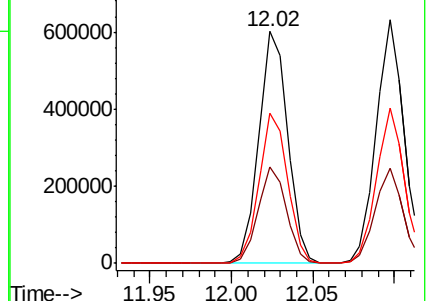
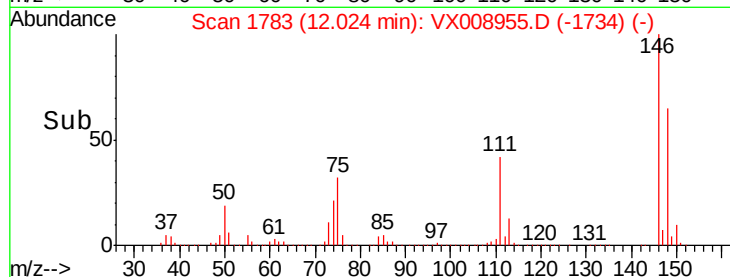
148 64.0 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 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

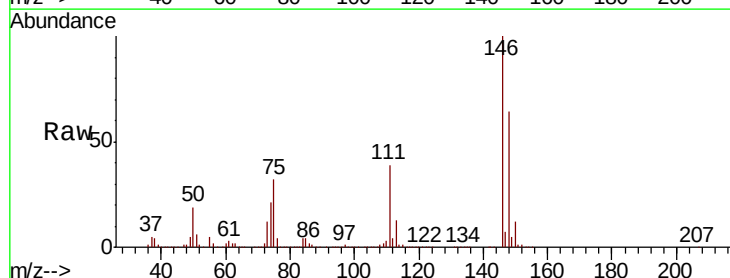
Tgt Ion:146 Resp: 748286

Ion Ratio Lower Upper

146 100

111 39.4 20.0 59.9

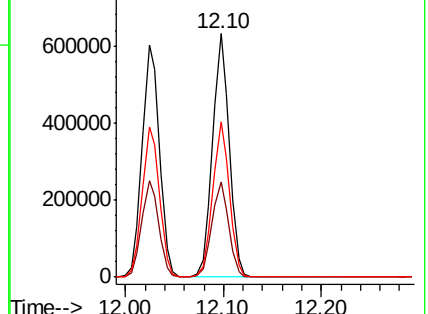
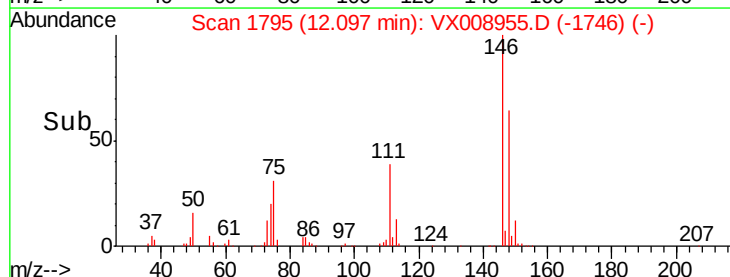
148 63.7 32.2 96.6

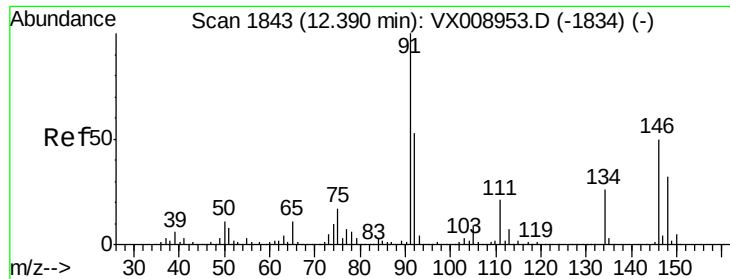


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

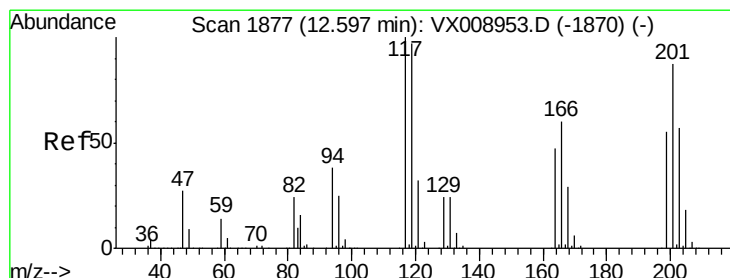
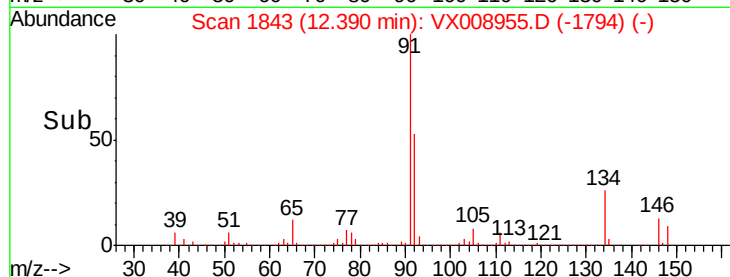
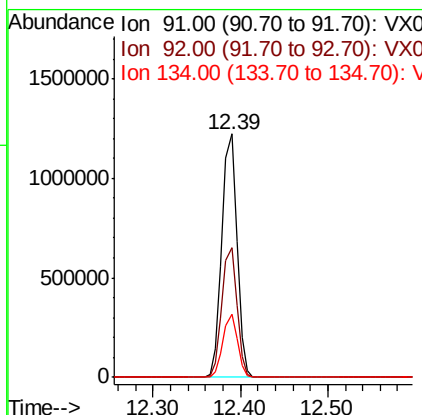
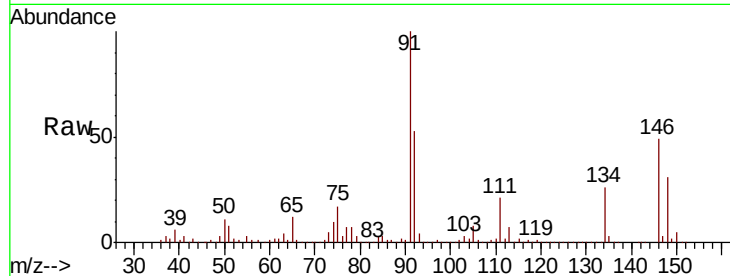




#89
n-Butylbenzene
Concen: 146.602 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX008955.D
Acq: 15 Apr 2019 11:55

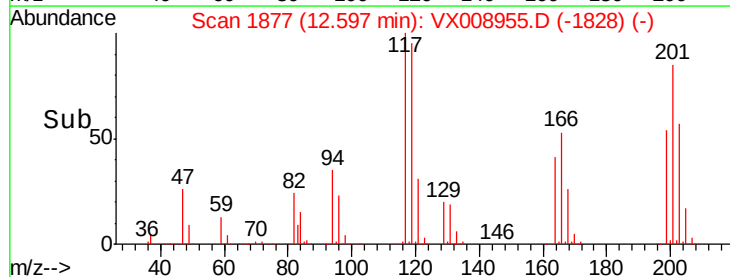
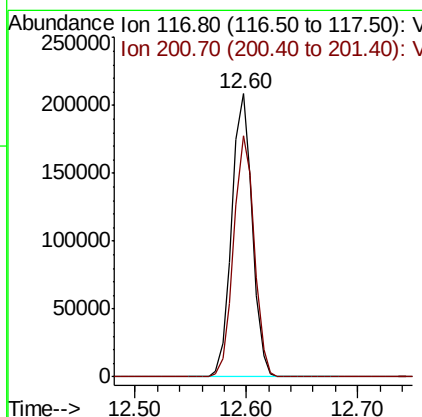
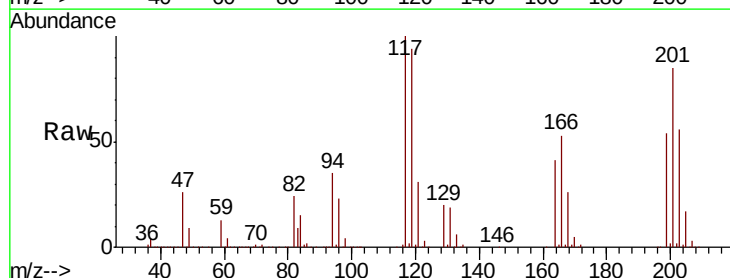
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

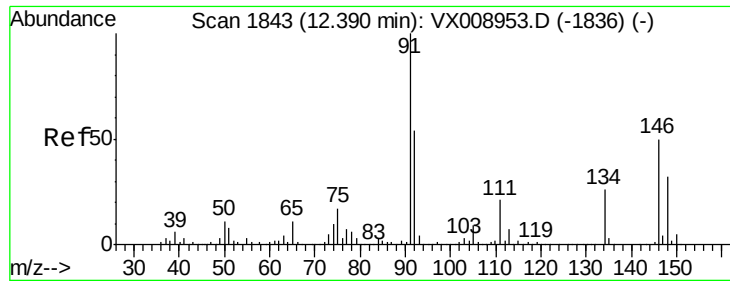
Tot Ion: 91 Resp: 1450017
Ion Ratio Lower Upper
91 100
92 53.2 26.6 79.8
134 25.0 12.4 37.2



#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

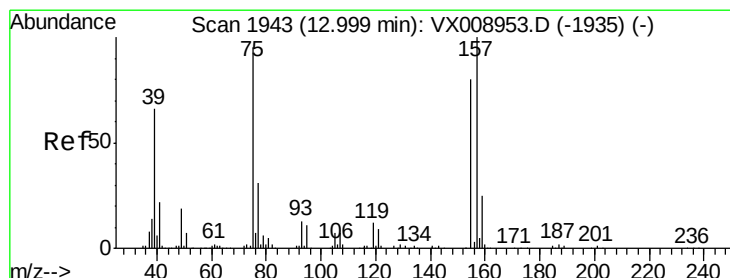
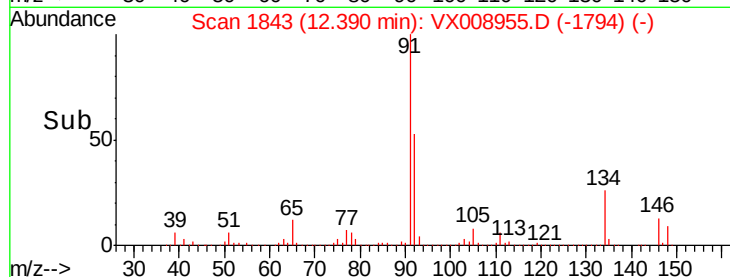
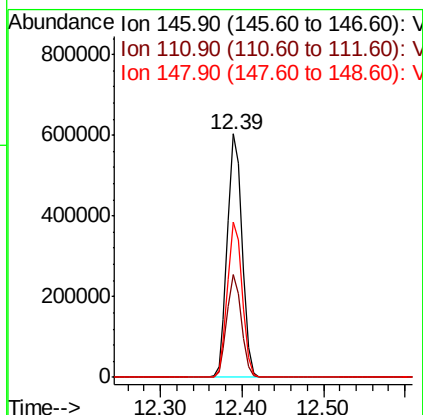
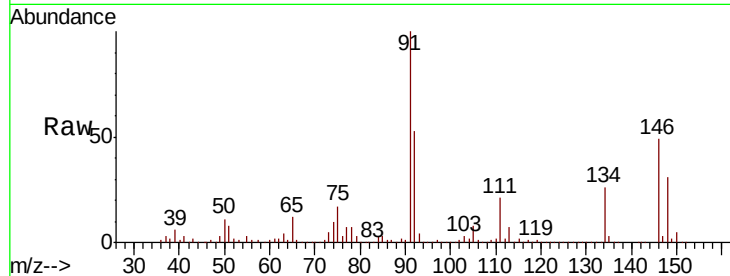




#91
 1,2-Dichlorobenzene
 Concen: 142.482 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX008955.D
 Acq: 15 Apr 2019 11:55

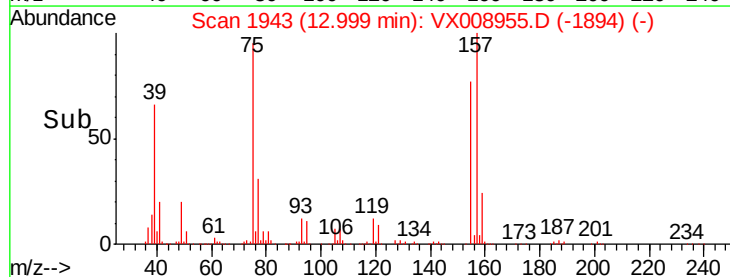
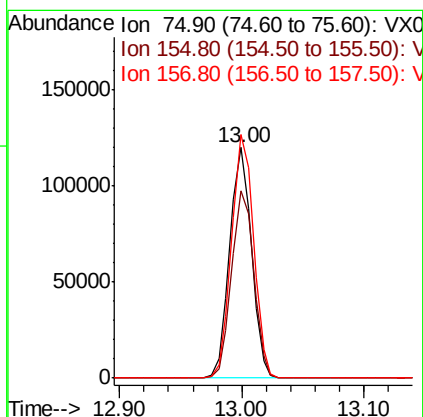
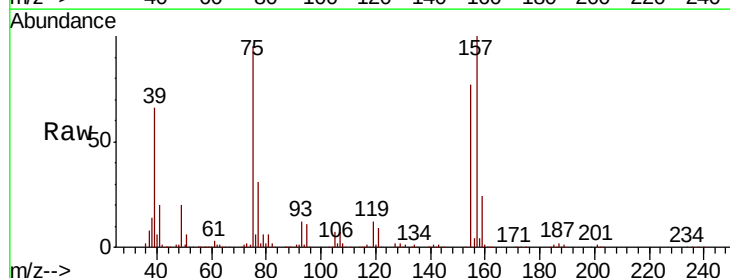
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

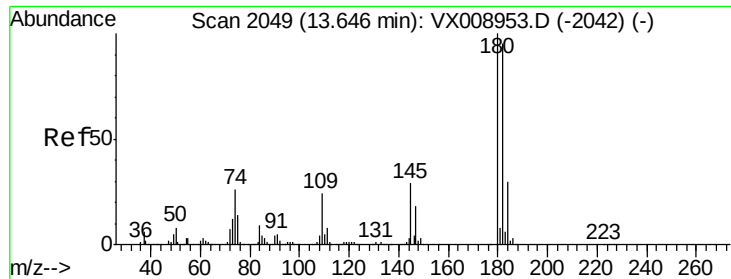
Tot Ion:146 Resp: 748262
 Ion Ratio Lower Upper
 146 100
 111 41.8 20.6 61.9
 148 63.7 32.0 96.2



#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

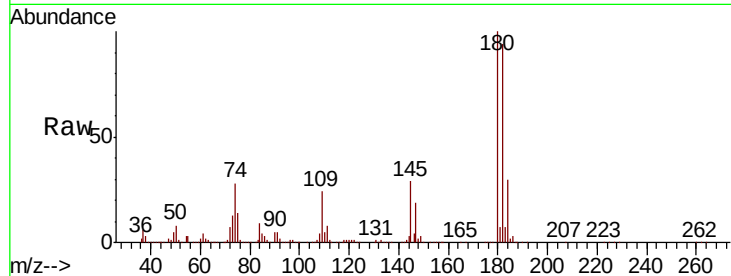




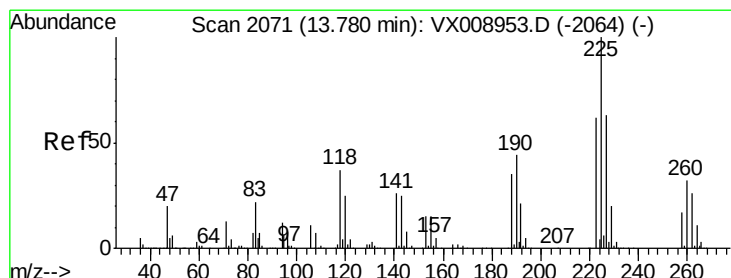
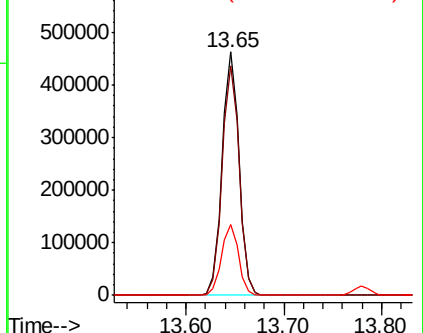
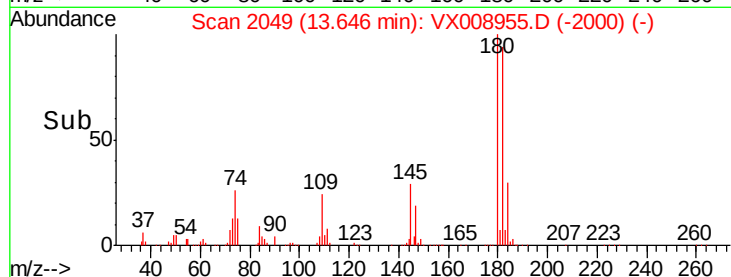
#93
 1,2,4-Trichlorobenzene
 Concen: 150.335 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008955.D
 Acq: 15 Apr 2019 11:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion:180 Resp: 553609
 Ion Ratio Lower Upper
 180 100
 182 95.4 47.6 142.9
 145 29.4 14.8 44.4

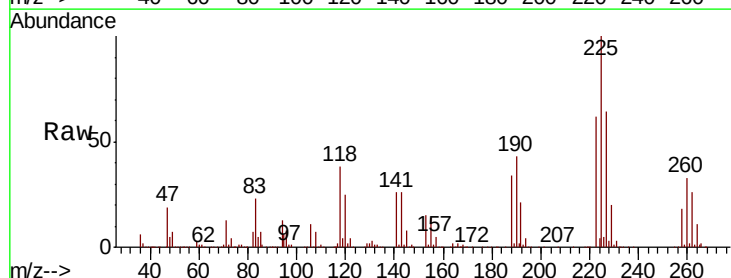


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

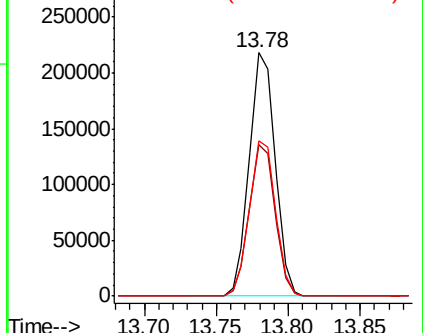
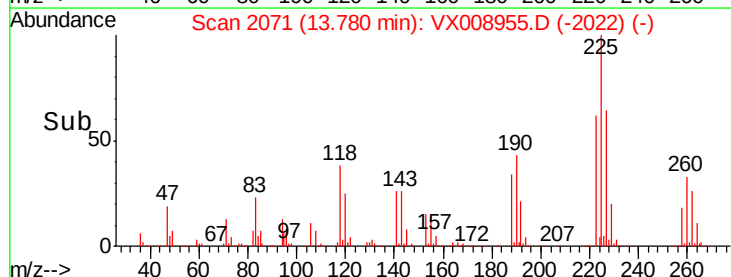


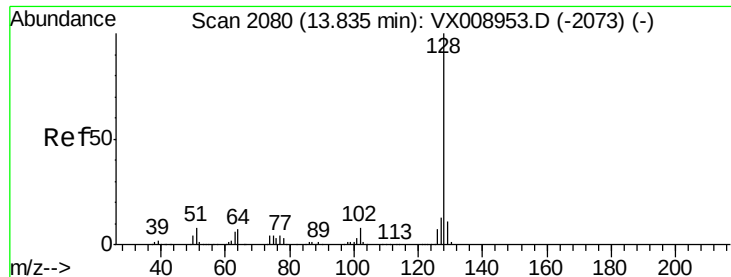
#94
 Hexachlorobutadiene
 Concen: 153.130 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008955.D
 Acq: 15 Apr 2019 11:55

Tgt Ion:225 Resp: 270262
 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

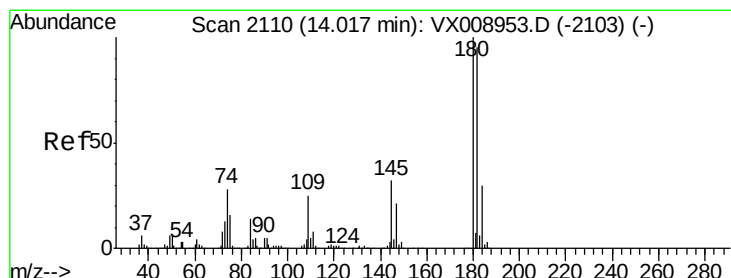
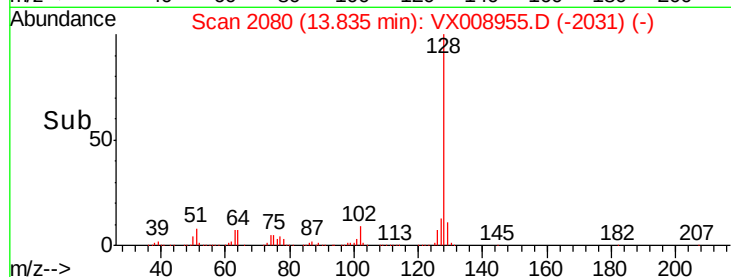
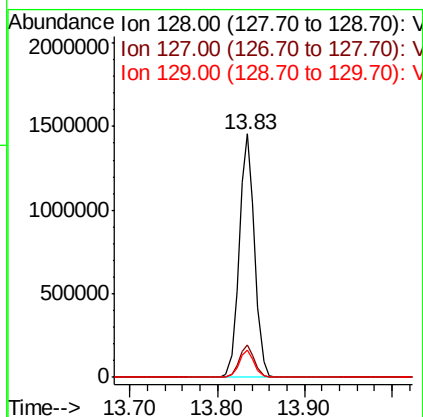
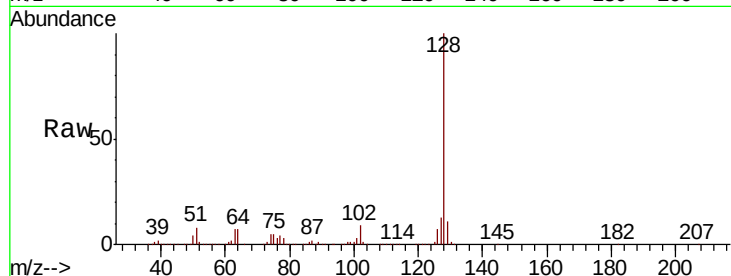




#95
Naphthalene
Concen: 145.904 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX008955.D
Acq: 15 Apr 2019 11:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

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



#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

