

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX030619\
 Data File : VX007856.D
 Acq On : 06 Mar 2019 11:53
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Mar 07 07:05:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 06:50:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	277809	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	404429	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	352398	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	194124	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	428155	146.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	292.20%	
35) Dibromofluoromethane	5.51	113	381733	147.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	295.12%	
50) Toluene-d8	8.71	98	1401775	147.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	295.08%	
62) 4-Bromofluorobenzene	11.14	95	524724	157.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	315.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	338792	142.741	ug/l	99
3) Chloromethane	1.33	50	416608	136.204	ug/l	99
4) Vinyl Chloride	1.41	62	442583	145.626	ug/l	99
5) Bromomethane	1.64	94	205326	111.107	ug/l	99
6) Chloroethane	1.71	64	179174	88.744	ug/l	98
7) Trichlorofluoromethane	1.92	101	560467	141.642	ug/l	96
8) Diethyl Ether	2.19	74	251031	146.505	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	350885	143.097	ug/l	99
10) Methyl Iodide	2.51	142	524769	150.854	ug/l	99
11) Tert butyl alcohol	3.10	59	496177	757.077	ug/l	99
12) 1,1-Dichloroethene	2.37	96	344340	145.683	ug/l	99
13) Acrolein	2.30	56	281390	711.030	ug/l	99
14) Allyl chloride	2.73	41	728020	146.579	ug/l	100
15) Acrylonitrile	3.16	53	1165620	704.619	ug/l	100
16) Acetone	2.46	43	1098867	647.817	ug/l	100
17) Carbon Disulfide	2.56	76	1069115	134.715	ug/l	100
18) Methyl Acetate	2.78	43	518510	143.886	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	1191367	146.513	ug/l	100
20) Methylene Chloride	2.85	84	372478	137.975	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	367262	141.214	ug/l	100
22) Diisopropyl ether	3.87	45	1310244	143.911	ug/l	99
23) Vinyl Acetate	3.83	43	5816729	728.550	ug/l	99
24) 1,1-Dichloroethane	3.70	63	712439	145.408	ug/l	100
25) 2-Butanone	4.71	43	1666192	693.823	ug/l	99
26) 2,2-Dichloropropane	4.59	77	495701	152.710	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	431667	145.048	ug/l	100
28) Bromochloromethane	5.02	49	318354	139.371	ug/l	99
29) Tetrahydrofuran	5.16	42	1083309	723.193	ug/l	100
30) Chloroform	5.22	83	675521	145.753	ug/l	100
31) Cyclohexane	5.57	56	671519	149.125	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	582916	151.586	ug/l	99
36) 1,1-Dichloropropene	5.80	75	529039	144.467	ug/l	100
37) Ethyl Acetate	4.86	43	618130	142.239	ug/l	100
38) Carbon Tetrachloride	5.78	117	526398	151.411	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX030619\
 Data File : VX007856.D
 Acq On : 06 Mar 2019 11:53
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Mar 07 07:05:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 06:50:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	669956	150.981	ug/l	98
40) Benzene	6.14	78	1595273	146.328	ug/l	100
41) Methacrylonitrile	5.07	41	346310	146.167	ug/l	100
42) 1,2-Dichloroethane	6.20	62	513791	144.108	ug/l	100
43) Isopropyl Acetate	6.46	43	968614	150.605	ug/l	100
44) Trichloroethene	7.21	130	433689	144.351	ug/l	99
45) 1,2-Dichloropropane	7.51	63	423291	147.005	ug/l	100
46) Dibromomethane	7.66	93	265283	145.580	ug/l	99
47) Bromodichloromethane	7.90	83	523933	151.649	ug/l	99
48) Methyl methacrylate	7.77	41	501748	148.384	ug/l	100
49) 1,4-Dioxane	7.76	88	209790	3020.227	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	3049540	737.297	ug/l	99
52) Toluene	8.79	92	969665	145.684	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	598086	165.857	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	656454	161.207	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	388318	144.120	ug/l	100
56) Ethyl methacrylate	9.18	69	639944	158.186	ug/l	99
57) 1,3-Dichloropropane	9.37	76	652916	144.320	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	1597451	763.362	ug/l	100
59) 2-Hexanone	9.50	43	2401568	747.875	ug/l	99
60) Dibromochloromethane	9.59	129	437688	155.413	ug/l	99
61) 1,2-Dibromoethane	9.67	107	418367	146.247	ug/l	99
64) Tetrachloroethene	9.34	164	391427	134.037	ug/l	99
65) Chlorobenzene	10.14	112	1066886	144.678	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	396369	149.975	ug/l	100
67) Ethyl Benzene	10.25	91	1819433	149.887	ug/l	100
68) m/p-Xylenes	10.36	106	1405620	300.419	ug/l	99
69) o-Xylene	10.70	106	687135	152.116	ug/l	99
70) Styrene	10.71	104	1148889	155.427	ug/l	99
71) Bromoform	10.86	173	376993	166.101	ug/l #	100
73) Isopropylbenzene	11.02	105	1821386	138.731	ug/l	100
74) N-amyl acetate	10.90	43	899932	150.147	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	625136	138.040	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	747881	182.082	ug/l	91
77) Bromobenzene	11.26	156	492735	136.890	ug/l	98
78) n-propylbenzene	11.36	91	2085981	143.219	ug/l	100
79) 2-Chlorotoluene	11.42	91	1228931	137.999	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1543160	142.809	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	216110	169.581	ug/l	95
82) 4-Chlorotoluene	11.51	91	1447761	141.860	ug/l	100
83) tert-Butylbenzene	11.77	119	1601517	147.136	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1602472	144.663	ug/l	99
85) sec-Butylbenzene	11.94	105	1872840	146.094	ug/l	100
86) p-Isopropyltoluene	12.07	119	1706012	148.598	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	911578	143.150	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	914260	140.084	ug/l	100
89) n-Butylbenzene	12.39	91	1523657	156.648	ug/l	100
90) Hexachloroethane	12.60	117	300625	156.614	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	896276	141.678	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	144269	152.432	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX030619\
Data File : VX007856.D
Acq On : 06 Mar 2019 11:53
Operator : JC/SP
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Quant Time: Mar 07 07:05:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 07 06:50:53 2019
Response via : Initial Calibration

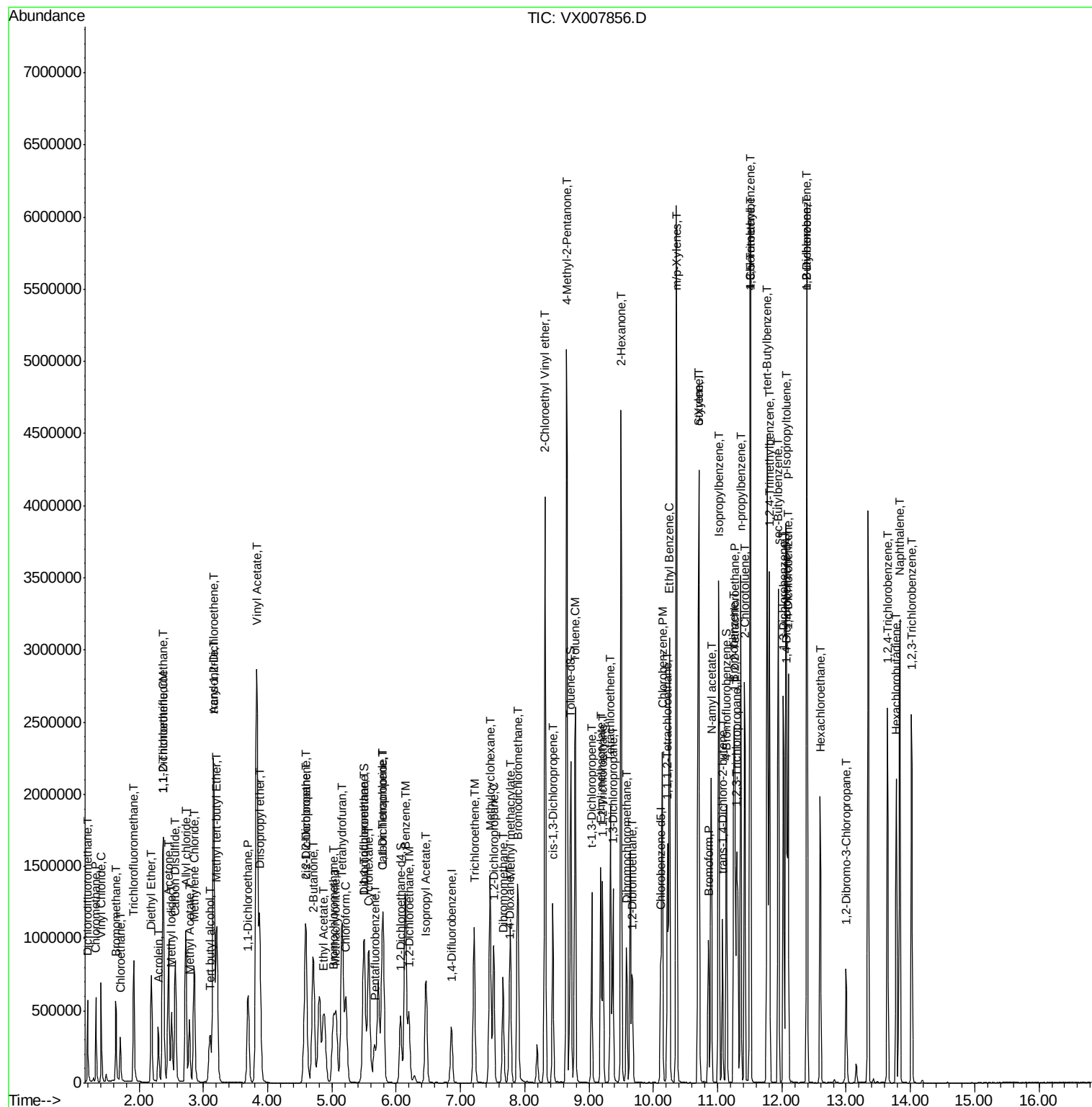
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	685007	154.139	ug/l	100
94) Hexachlorobutadiene	13.78	225	342529	147.421	ug/l	99
95) Naphthalene	13.83	128	1989567	155.375	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	662184	149.576	ug/l	99

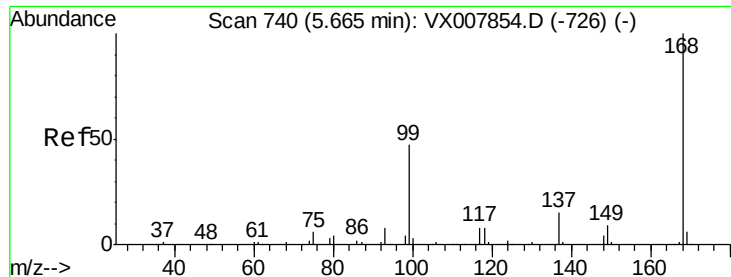
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX030619\
Data File : VX007856.D
Acq On : 06 Mar 2019 11:53
Operator : JC/SP
Sample : VSTDIC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Quant Time: Mar 07 07:05:16 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 07 06:50:53 2019
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: VX007856.D

Acq: 06 Mar 2019 11:53

Instrument :

MSVOA_X

ClientSampleId :

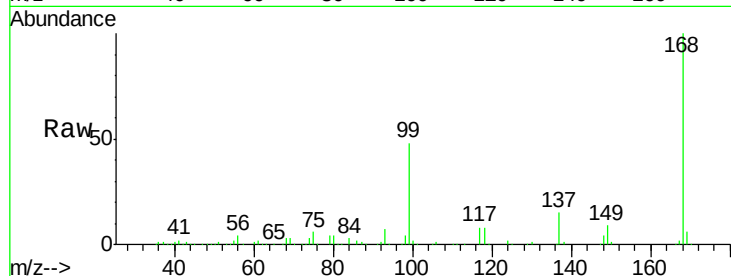
VSTDIC150

Tgt Ion:168 Resp: 277809

Ion Ratio Lower Upper

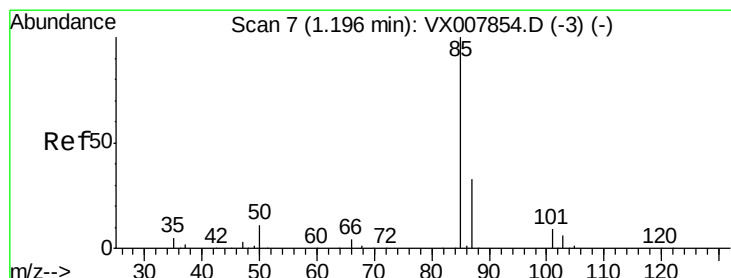
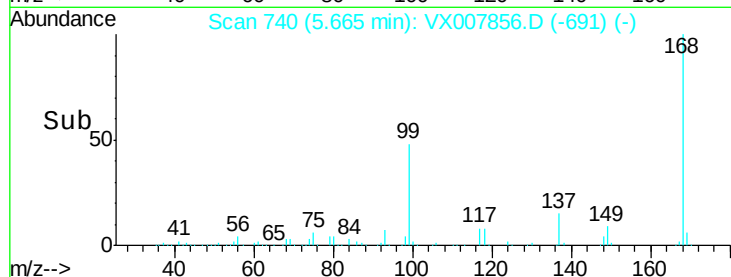
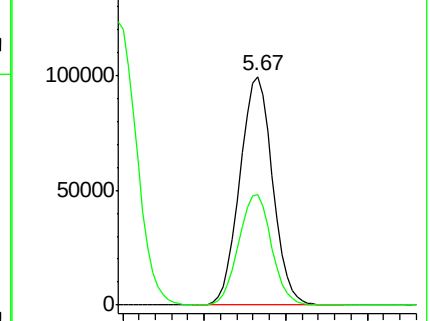
168 100

99 48.1 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 142.741 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX007856.D

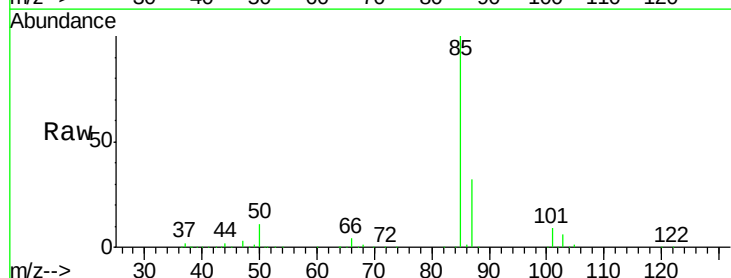
Acq: 06 Mar 2019 11:53

Tgt Ion: 85 Resp: 338792

Ion Ratio Lower Upper

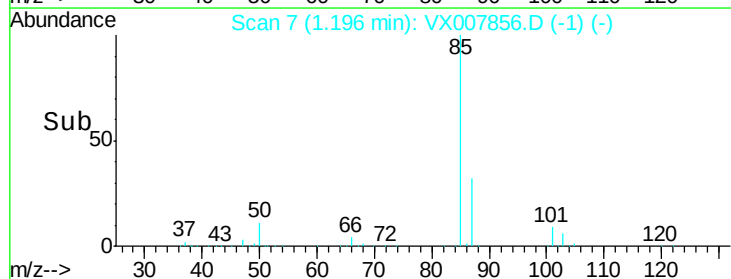
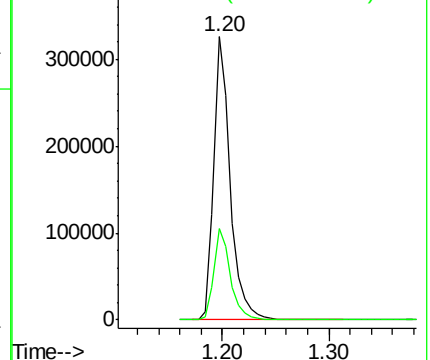
85 100

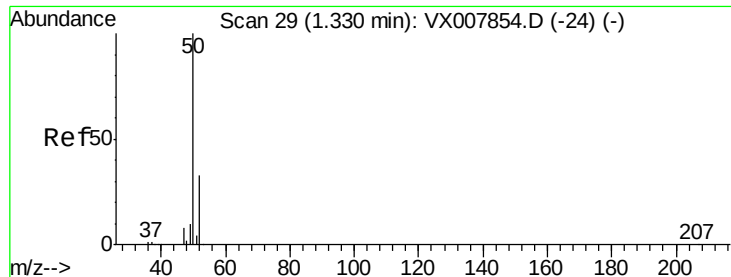
87 32.2 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 136.204 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX007856.D

Acq: 06 Mar 2019 11:53

Instrument :

MSVOA_X

ClientSampleId :

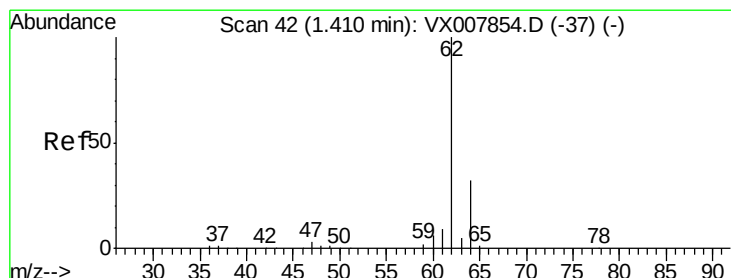
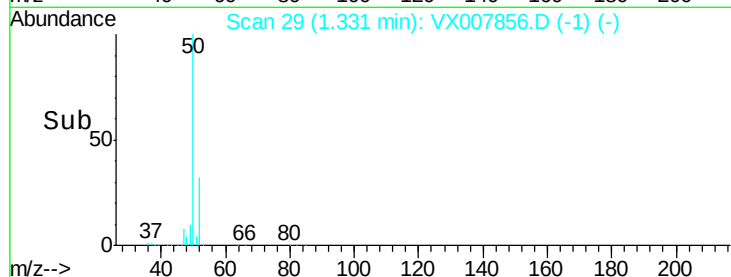
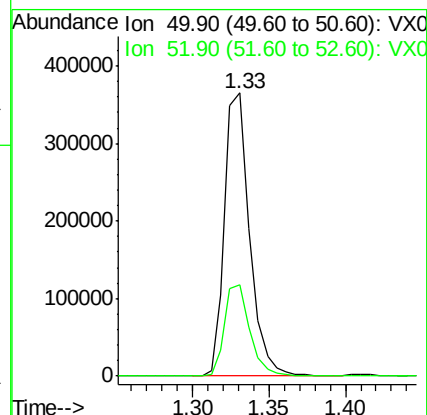
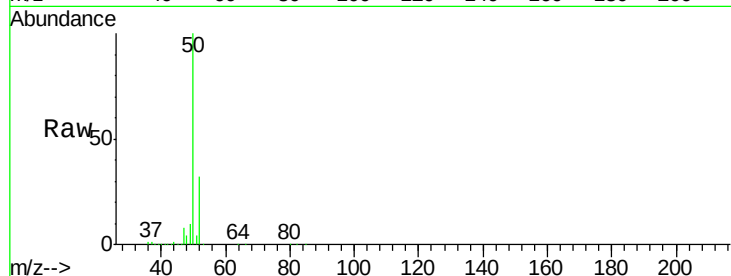
VSTDIC150

Tgt Ion: 50 Resp: 416608

Ion Ratio Lower Upper

50 100

52 32.5 26.5 39.7



#4

Vinyl Chloride

Concen: 145.626 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX007856.D

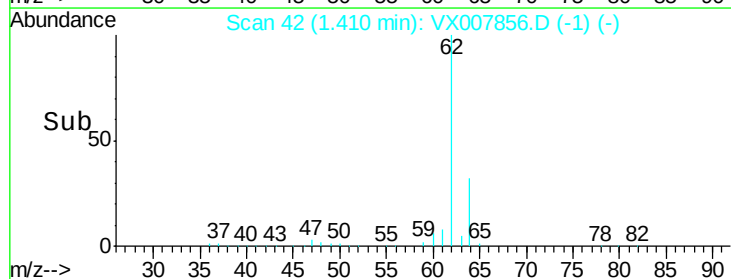
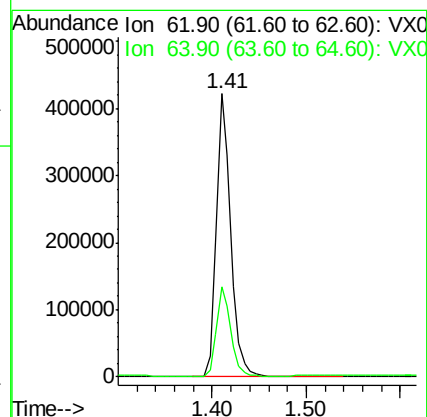
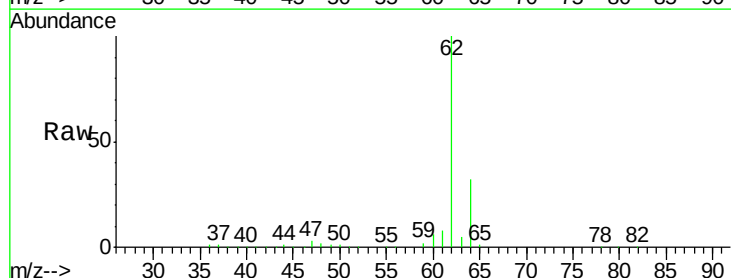
Acq: 06 Mar 2019 11:53

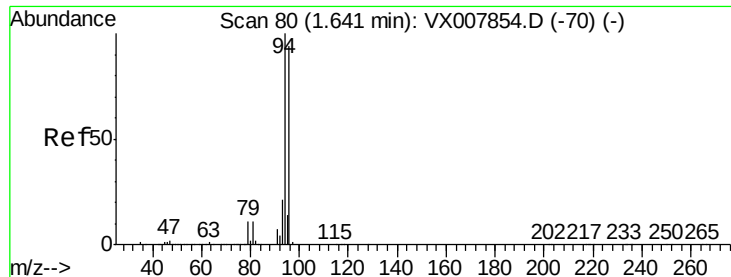
Tgt Ion: 62 Resp: 442583

Ion Ratio Lower Upper

62 100

64 32.0 25.3 37.9





#5

Bromomethane

Concen: 111.107 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX007856.D

Acq: 06 Mar 2019 11:53

Instrument :

MSVOA_X

ClientSampleId :

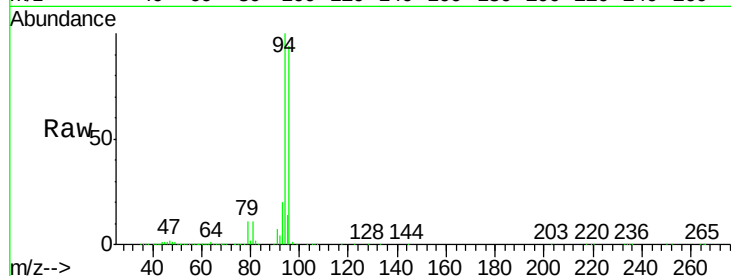
VSTDIC150

Tgt Ion: 94 Resp: 205326

Ion Ratio Lower Upper

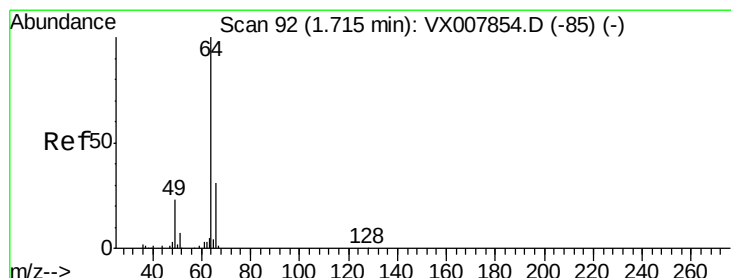
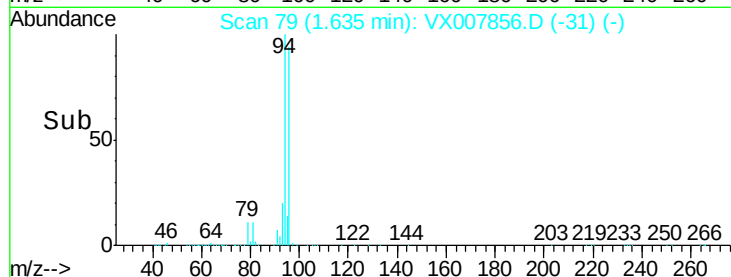
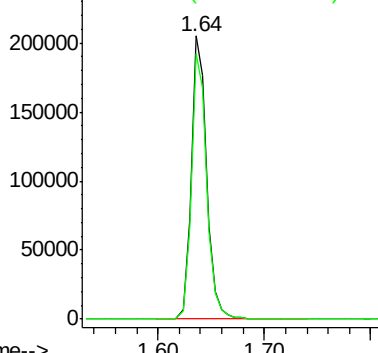
94 100

96 93.8 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 88.744 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX007856.D

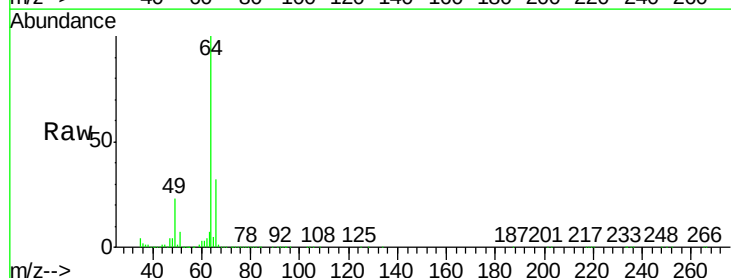
Acq: 06 Mar 2019 11:53

Tgt Ion: 64 Resp: 179174

Ion Ratio Lower Upper

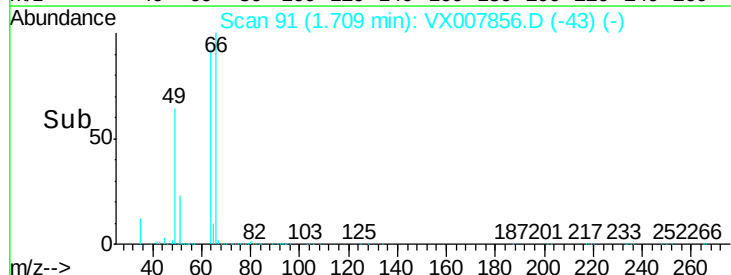
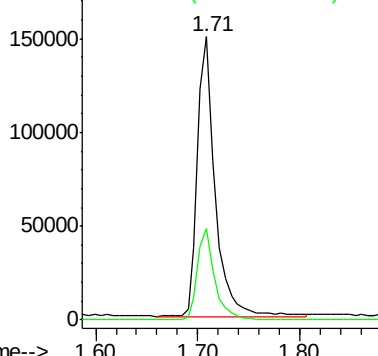
64 100

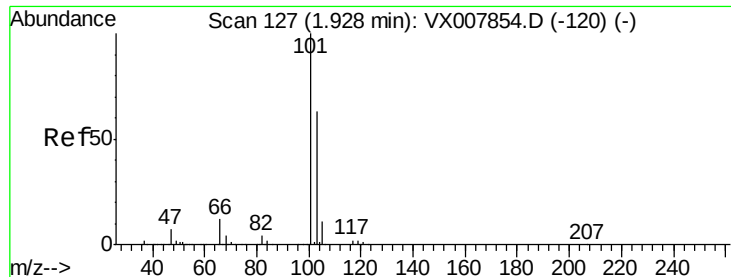
66 32.4 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



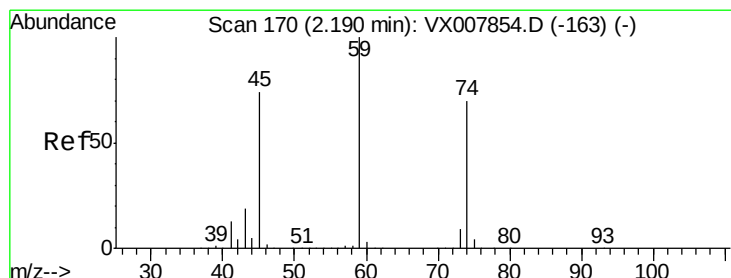
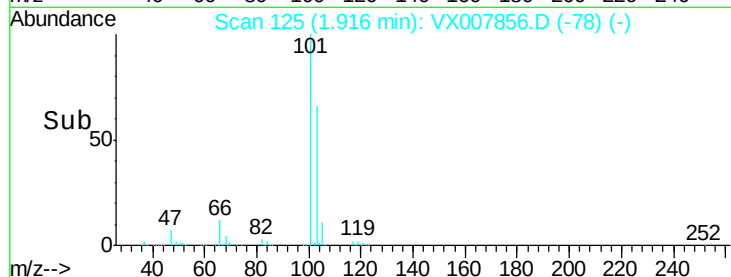
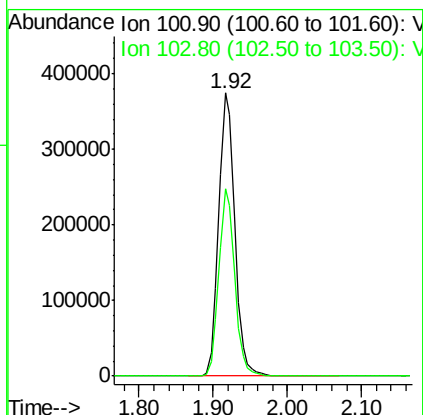
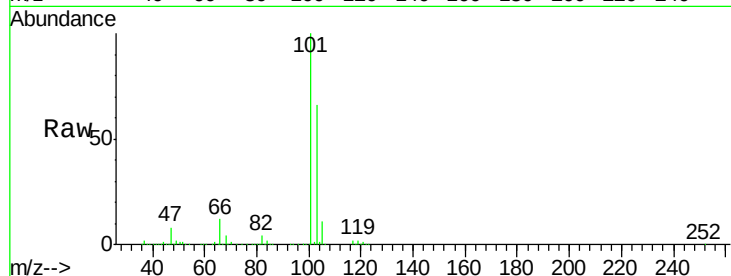


#7

Trichlorofluoromethane
 Concen: 141.642 ug/l
 RT: 1.92 min Scan# 125
 Delta R.T. -0.01 min
 Lab File: VX007856.D
 Acq: 06 Mar 2019 11:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

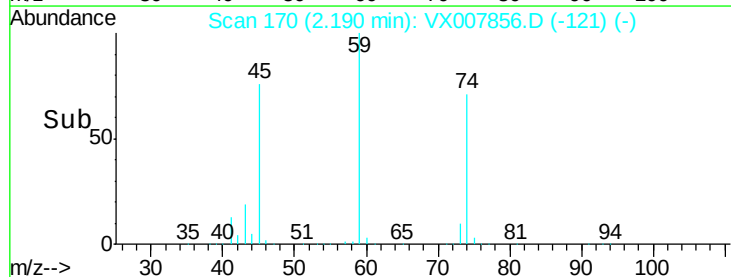
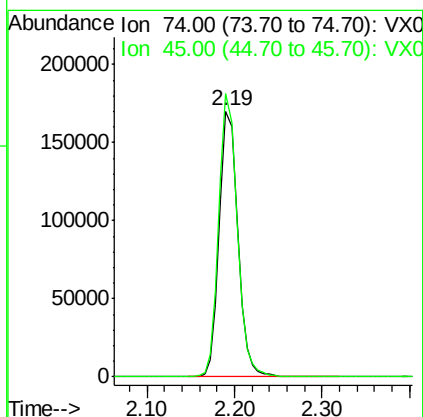
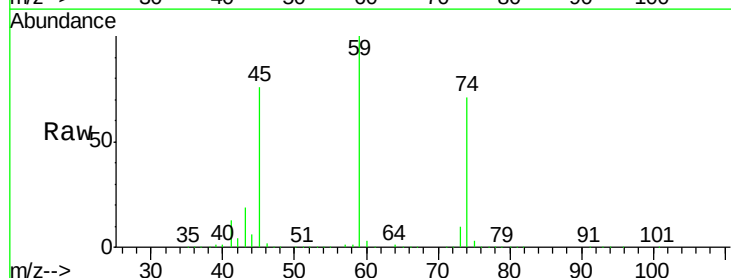
Tgt Ion:101 Resp: 560467
 Ion Ratio Lower Upper
 101 100
 103 66.1 50.4 75.6

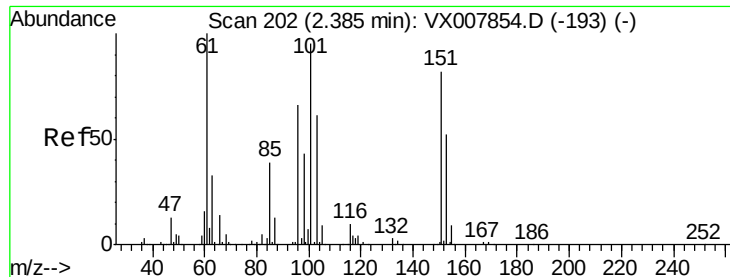


#8

Diethyl Ether
 Concen: 146.505 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX007856.D
 Acq: 06 Mar 2019 11:53

Tgt Ion: 74 Resp: 251031
 Ion Ratio Lower Upper
 74 100
 45 105.6 52.1 156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 143.097 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX007856.D

Acq: 06 Mar 2019 11:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

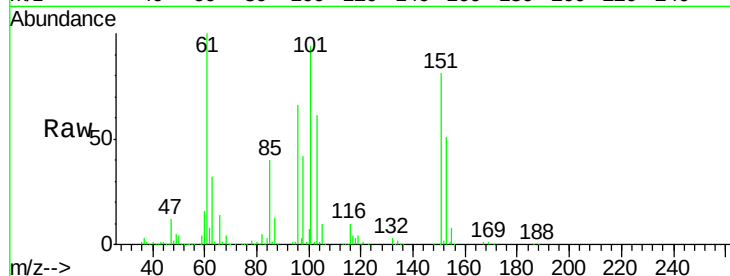
Tgt Ion:101 Resp: 350885

Ion Ratio Lower Upper

101 100

85 41.9 33.8 50.6

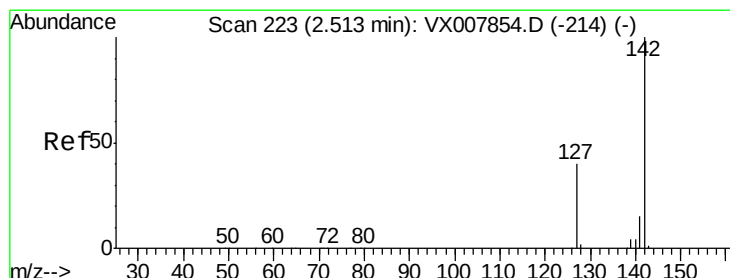
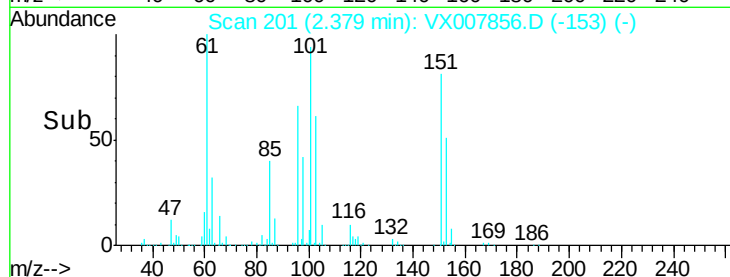
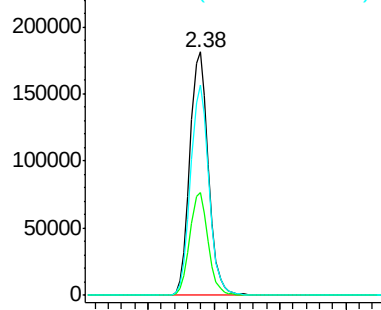
151 85.9 69.1 103.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 150.854 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.01 min

Lab File: VX007856.D

Acq: 06 Mar 2019 11:53

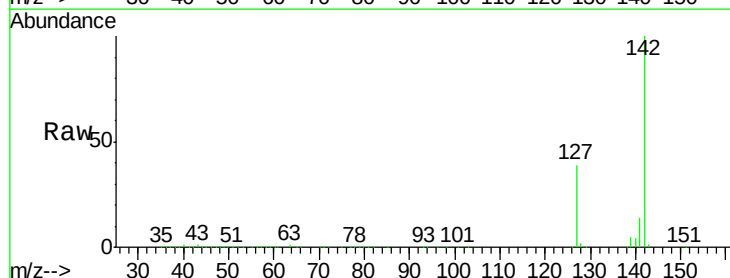
Tgt Ion:142 Resp: 524769

Ion Ratio Lower Upper

142 100

127 39.3 32.1 48.1

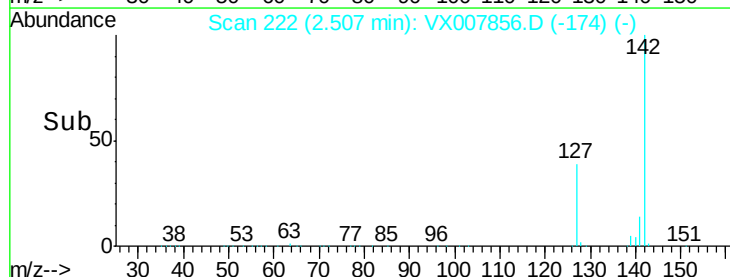
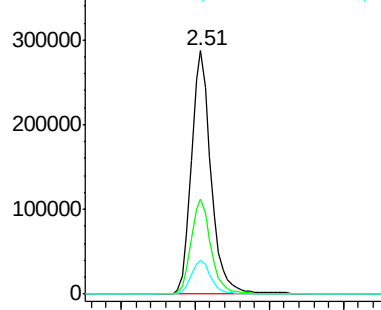
141 14.1 11.4 17.2

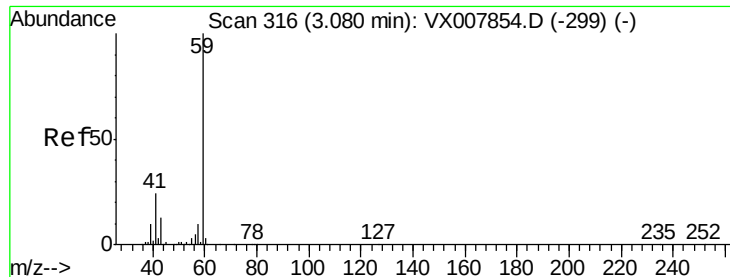


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

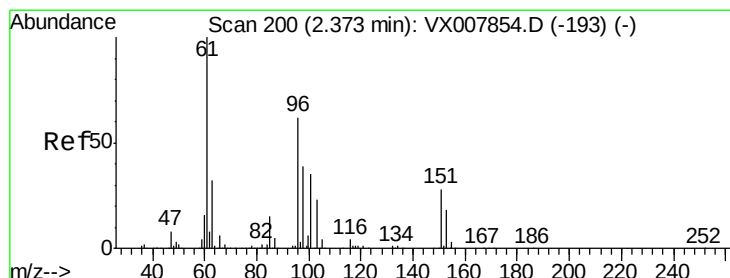
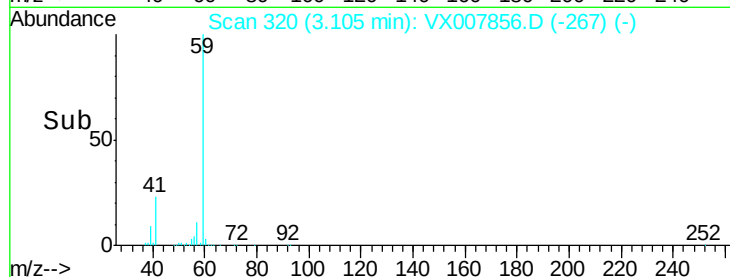
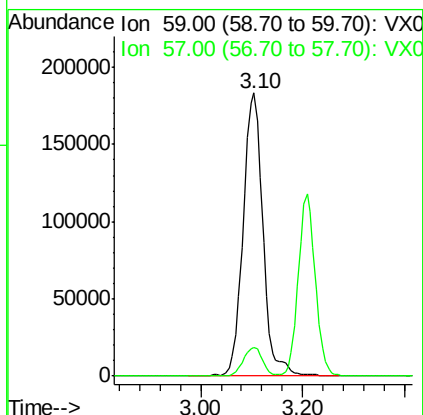
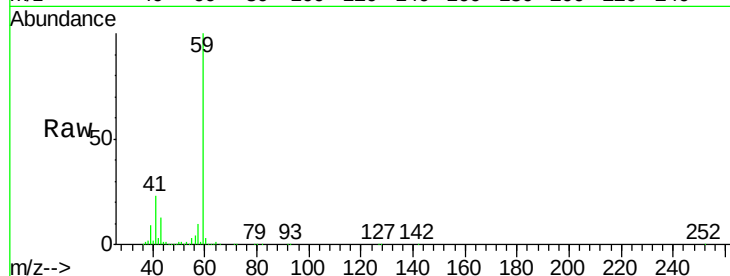




#11
Tert butyl alcohol
Concen: 757.077 ug/l
RT: 3.10 min Scan# 320
Delta R.T. 0.02 min
Lab File: VX007856.D
Acq: 06 Mar 2019 11:53

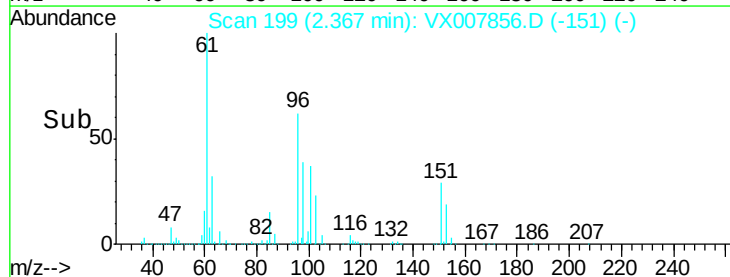
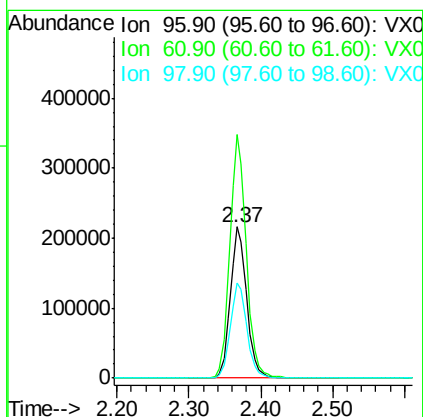
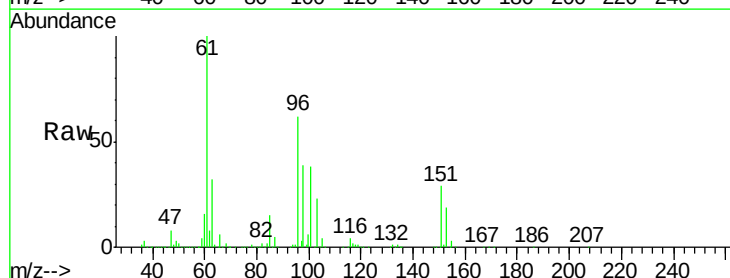
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

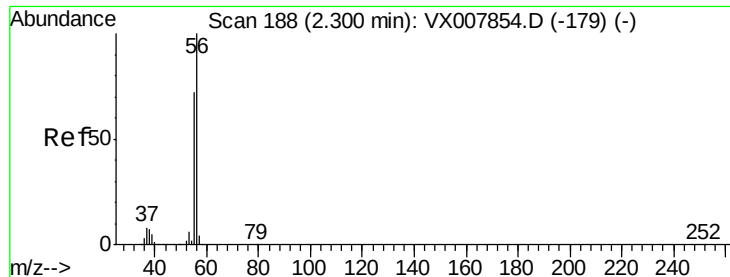
Tgt Ion: 59 Resp: 496177
Ion Ratio Lower Upper
59 100
57 9.8 8.2 12.2



#12
1,1-Dichloroethene
Concen: 145.683 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.01 min
Lab File: VX007856.D
Acq: 06 Mar 2019 11:53

Tgt Ion: 96 Resp: 344340
Ion Ratio Lower Upper
96 100
61 161.4 129.8 194.6
98 63.4 51.0 76.6





#13

Acrolein

Concen: 711.030 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.00 min

Lab File: VX007856.D

Acq: 06 Mar 2019 11:53

Instrument :

MSVOA_X

ClientSampleId :

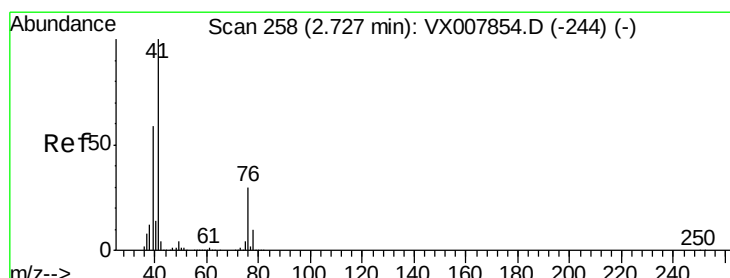
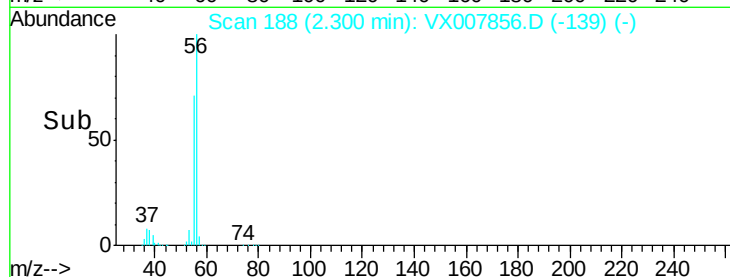
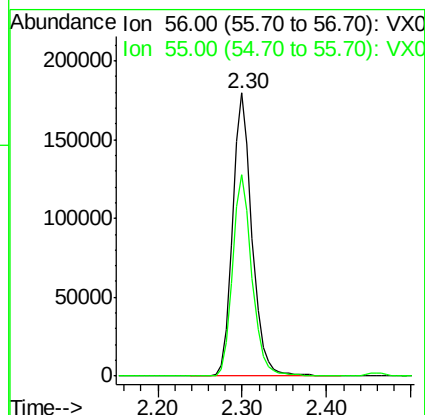
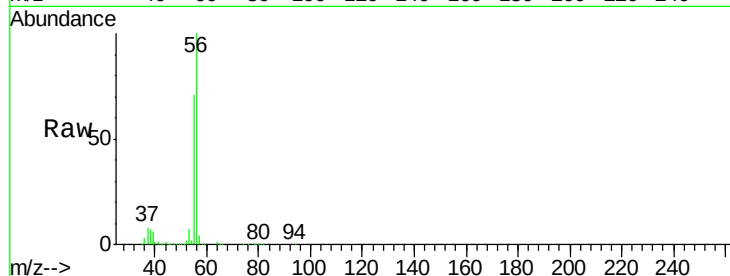
VSTDIC150

Tgt Ion: 56 Resp: 281390

Ion Ratio Lower Upper

56 100

55 71.6 57.8 86.6



#14

Allyl chloride

Concen: 146.579 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX007856.D

Acq: 06 Mar 2019 11:53

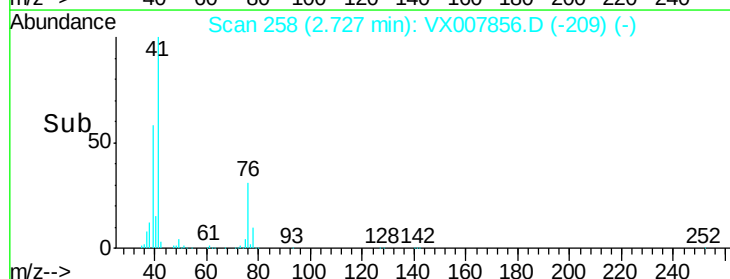
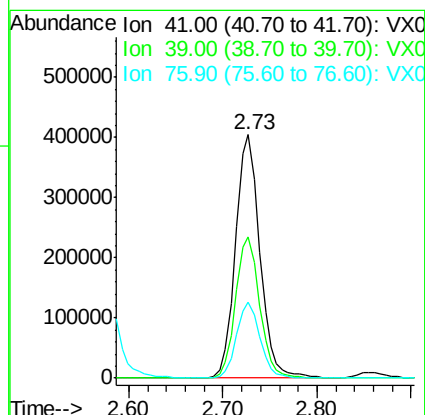
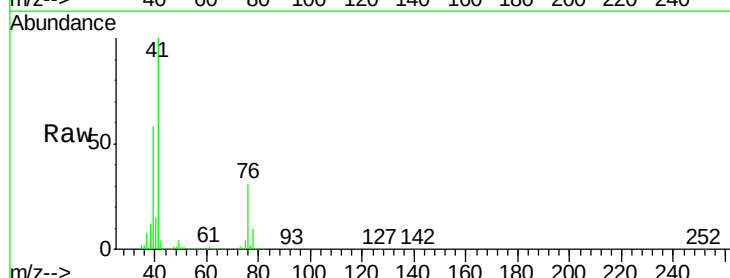
Tgt Ion: 41 Resp: 728020

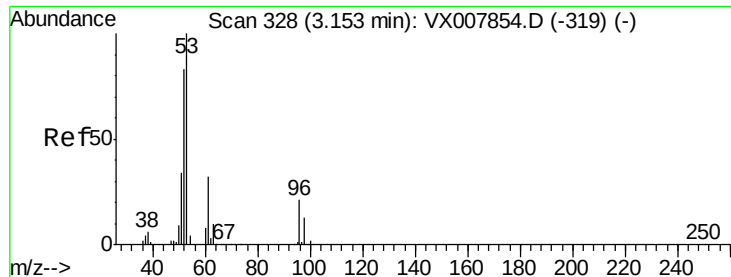
Ion Ratio Lower Upper

41 100

39 57.2 46.1 69.1

76 30.2 24.0 36.0





#15

Acrylonitrile

Concen: 704.619 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.01 min

Lab File: VX007856.D

Acq: 06 Mar 2019 11:53

Instrument :

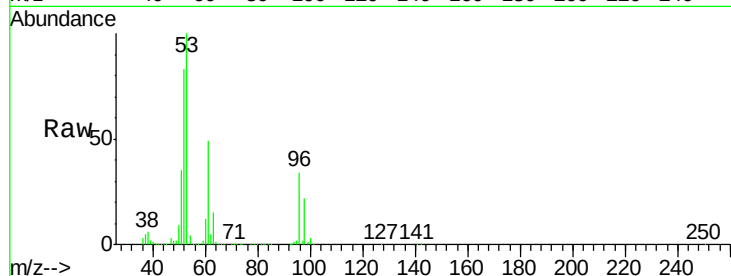
MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 53 Resp: 1165620

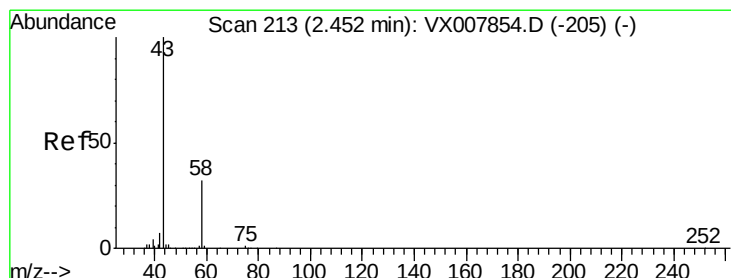
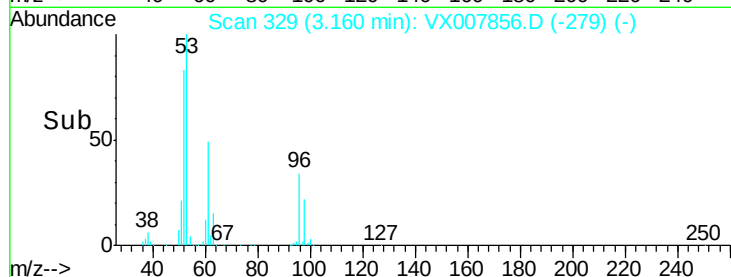
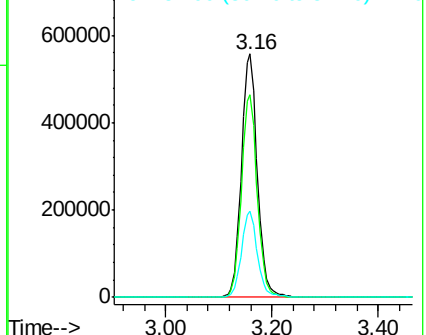
Ion	Ratio	Lower	Upper
53	100		
52	82.2	66.0	99.0
51	35.3	28.0	42.0



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 647.817 ug/l

RT: 2.46 min Scan# 214

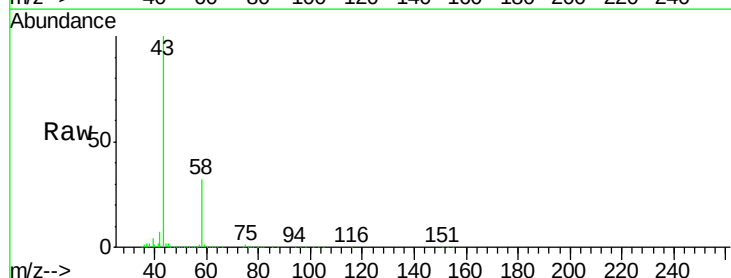
Delta R.T. 0.01 min

Lab File: VX007856.D

Acq: 06 Mar 2019 11:53

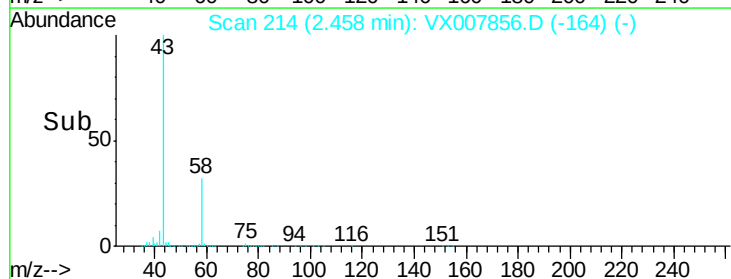
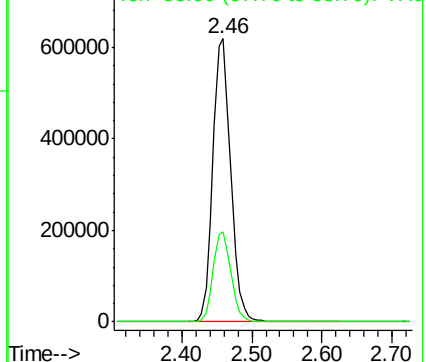
Tgt Ion: 43 Resp: 1098867

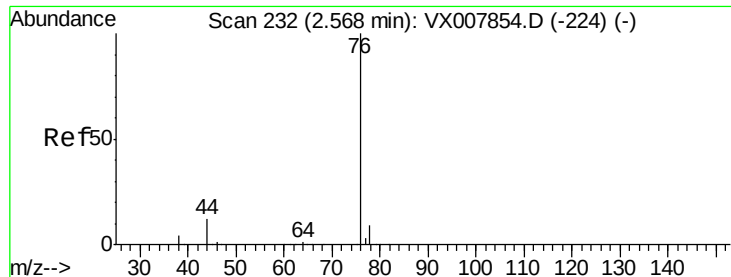
Ion	Ratio	Lower	Upper
43	100		
58	32.0	25.5	38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 134.715 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.01 min

Lab File: VX007856.D

Acq: 06 Mar 2019 11:53

Instrument :

MSVOA_X

ClientSampleId :

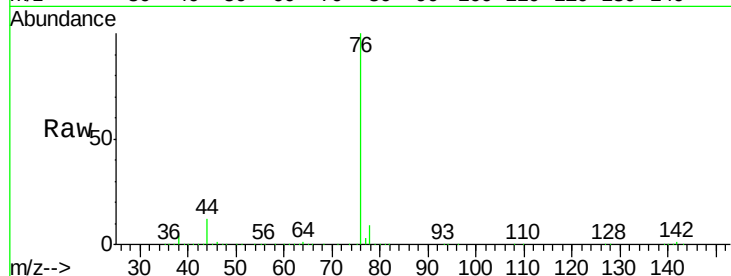
VSTDIC150

Tgt Ion: 76 Resp: 1069115

Ion Ratio Lower Upper

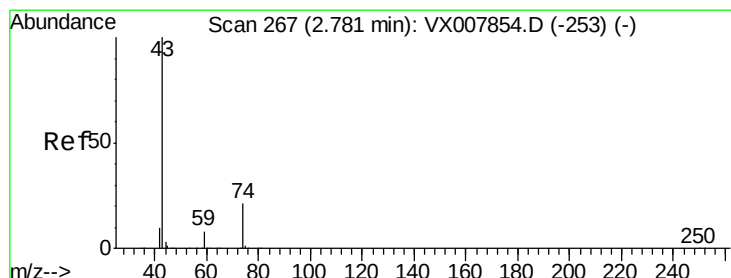
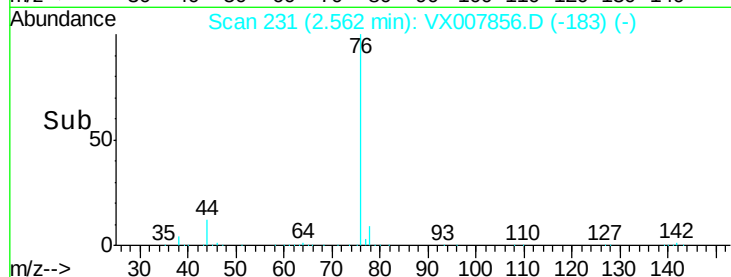
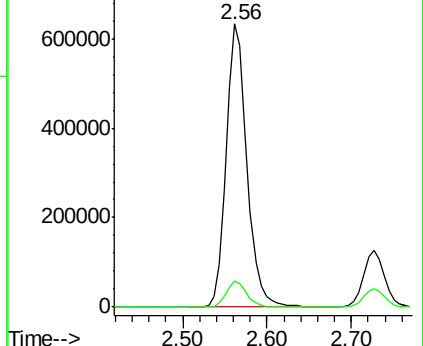
76 100

78 9.1 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 143.886 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX007856.D

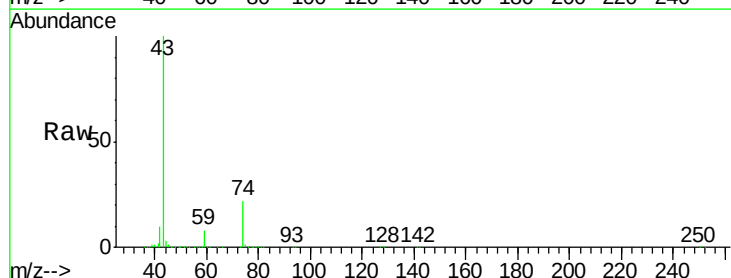
Acq: 06 Mar 2019 11:53

Tgt Ion: 43 Resp: 518510

Ion Ratio Lower Upper

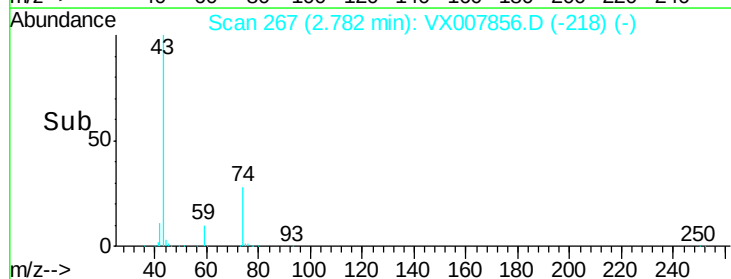
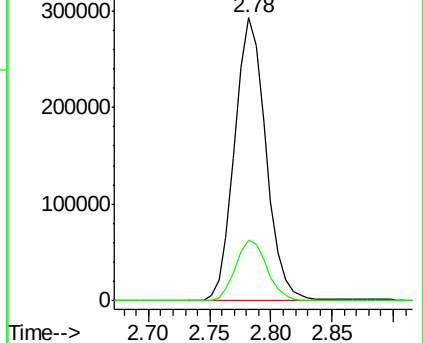
43 100

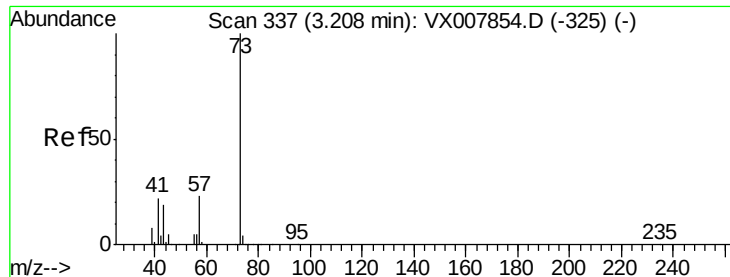
74 21.9 17.8 26.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



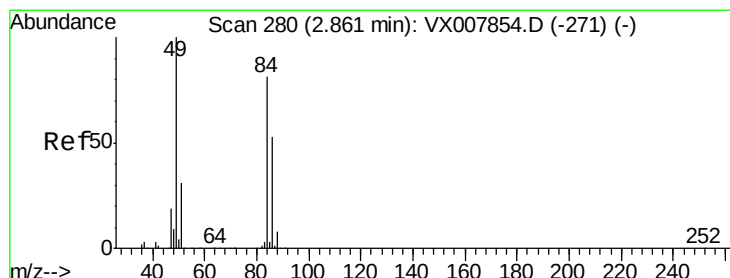
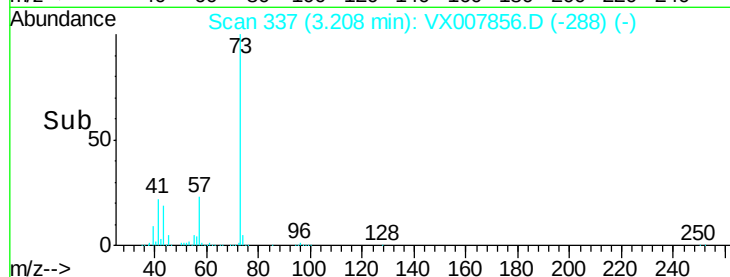
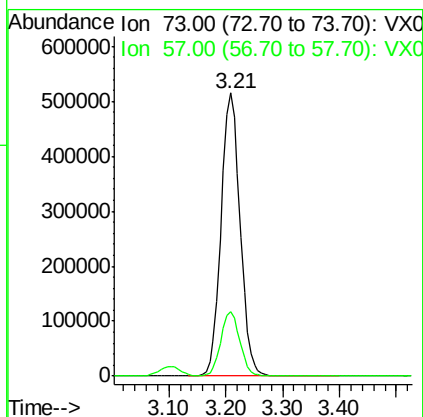
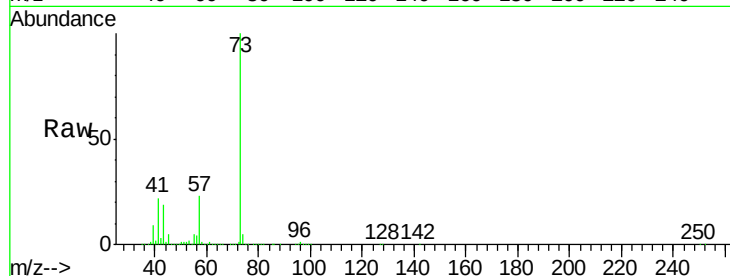


#19

Methyl tert-butyl Ether
 Concen: 146.513 ug/l
 RT: 3.21 min Scan# 337
 Delta R.T. 0.00 min
 Lab File: VX007856.D
 Acq: 06 Mar 2019 11:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

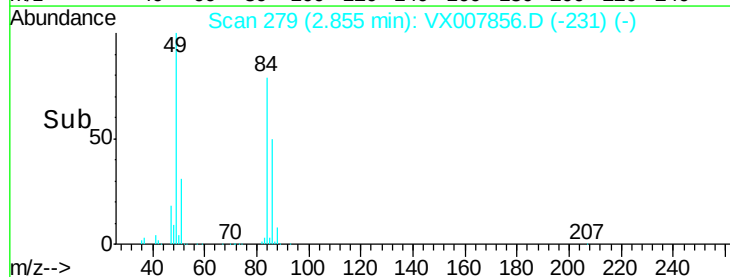
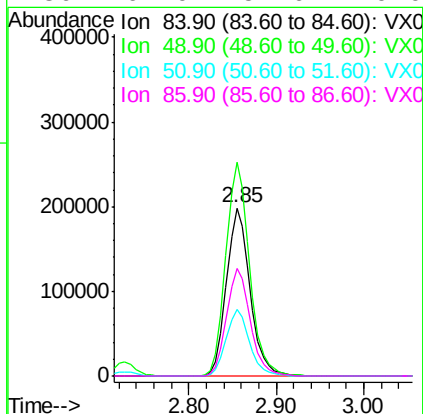
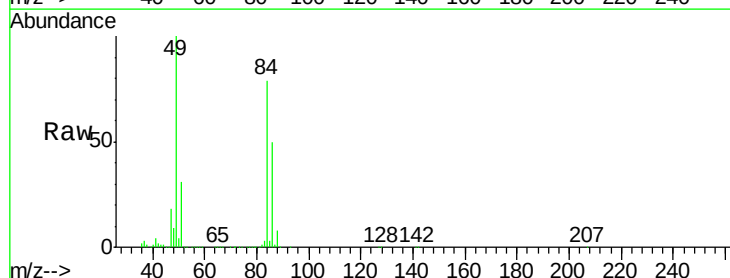
Tgt Ion: 73 Resp: 1191367
 Ion Ratio Lower Upper
 73 100
 57 22.9 18.2 27.4

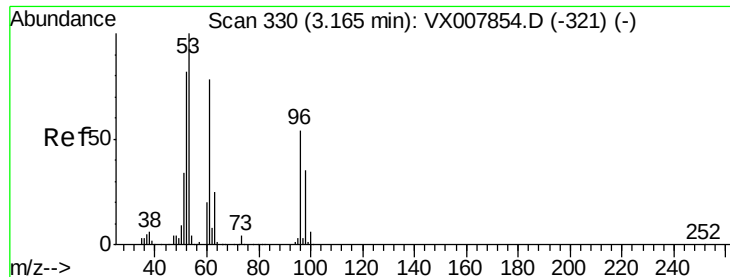


#20

Methylene Chloride
 Concen: 137.975 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.01 min
 Lab File: VX007856.D
 Acq: 06 Mar 2019 11:53

Tgt Ion: 84 Resp: 372478
 Ion Ratio Lower Upper
 84 100
 49 127.3 99.3 148.9
 51 39.5 31.3 46.9
 86 64.0 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 141.214 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX007856.D

Acq: 06 Mar 2019 11:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

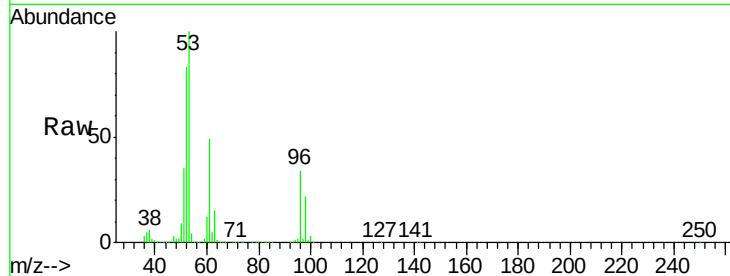
Tgt Ion: 96 Resp: 367262

Ion Ratio Lower Upper

96 100

61 143.6 114.4 171.6

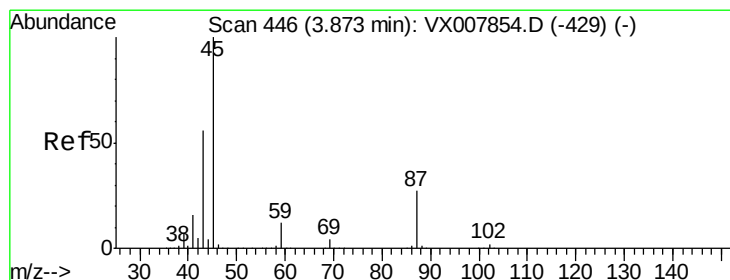
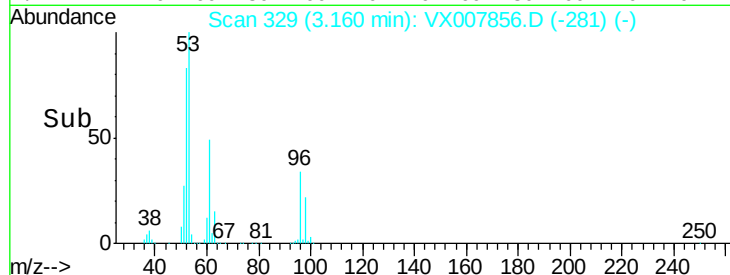
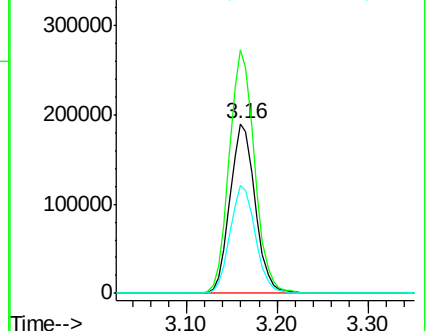
98 64.0 51.1 76.7



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 143.911 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX007856.D

Acq: 06 Mar 2019 11:53

Tgt Ion: 45 Resp: 1310244

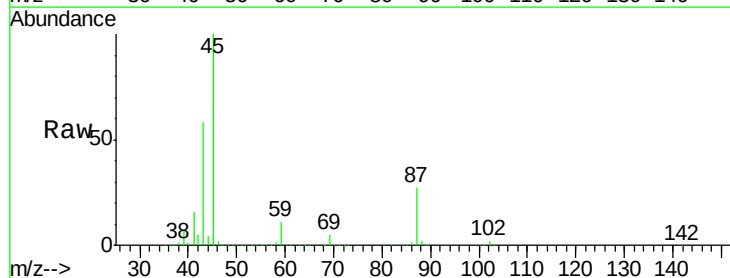
Ion Ratio Lower Upper

45 100

43 58.0 45.3 67.9

87 26.5 21.4 32.0

59 11.2 9.5 14.3

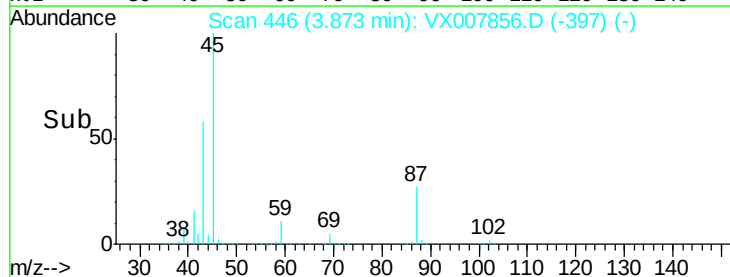
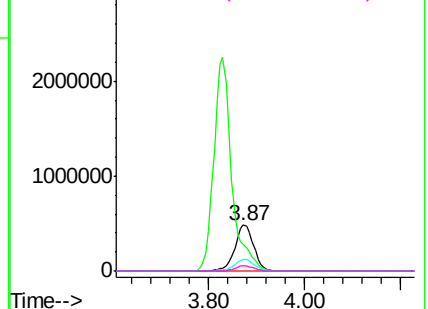


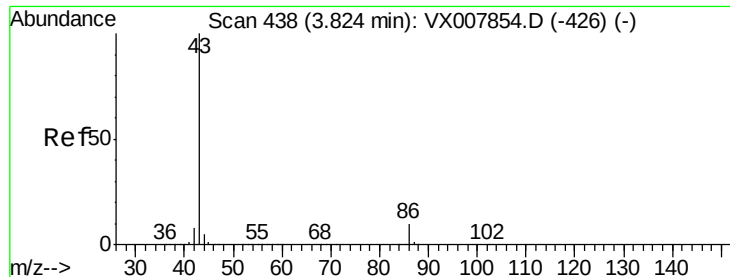
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 728.550 ug/l

RT: 3.83 min Scan# 439

Delta R.T. 0.01 min

Lab File: VX007856.D

Acq: 06 Mar 2019 11:53

Instrument :

MSVOA_X

ClientSampleId :

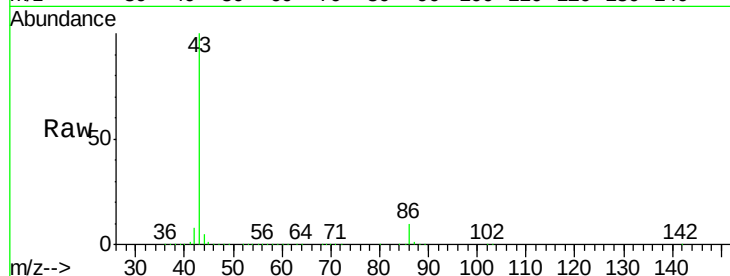
VSTDIC150

Tgt Ion: 43 Resp: 5816729

Ion Ratio Lower Upper

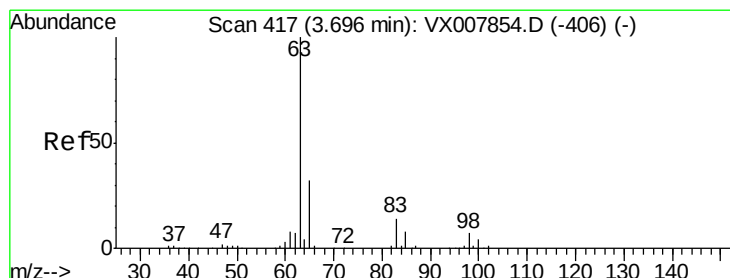
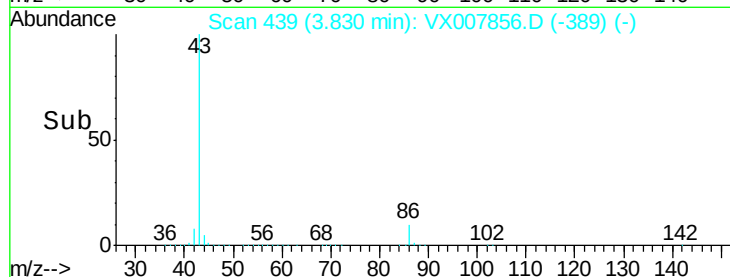
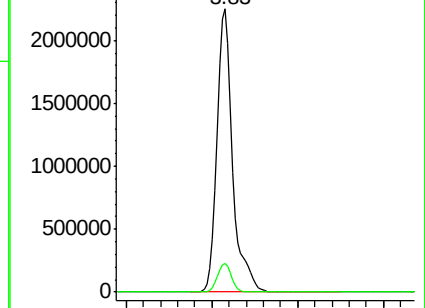
43 100

86 10.2 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VX007856.D (-389) (-)

Ion 86.00 (85.70 to 86.70): VX007856.D (-389) (-)



#24

1,1-Dichloroethane

Concen: 145.408 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX007856.D

Acq: 06 Mar 2019 11:53

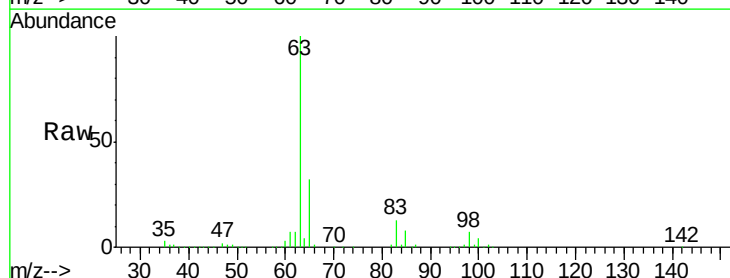
Tgt Ion: 63 Resp: 712439

Ion Ratio Lower Upper

63 100

98 6.6 3.3 9.8

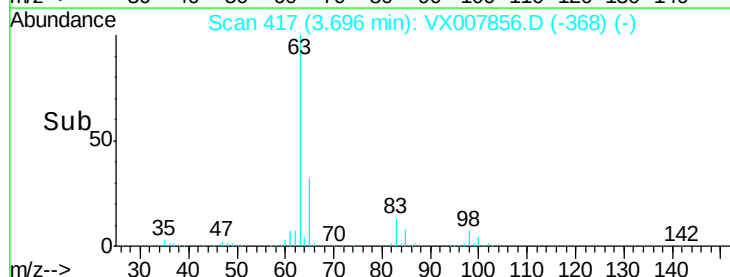
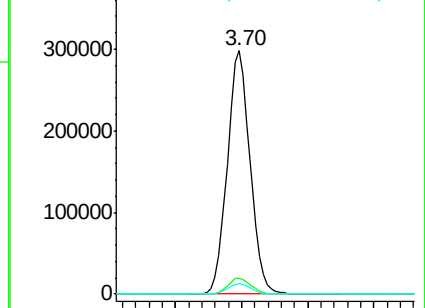
100 4.3 2.3 6.8

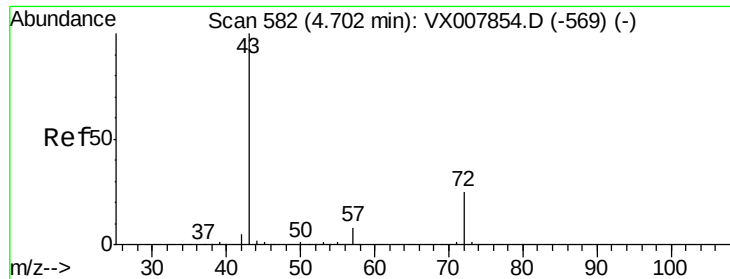


Abundance Ion 62.90 (62.60 to 63.60): VX007856.D (-368) (-)

Ion 97.90 (97.60 to 98.60): VX007856.D (-368) (-)

Ion 99.90 (99.60 to 100.60): VX007856.D (-368) (-)





#25

2-Butanone

Concen: 693.823 ug/l

RT: 4.71 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX007856.D

Acq: 06 Mar 2019 11:53

Instrument :

MSVOA_X

ClientSampleId :

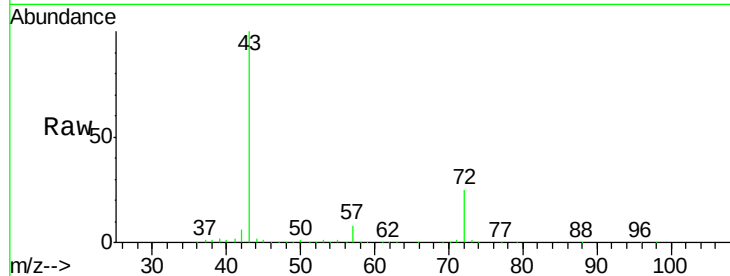
VSTDIC150

Tgt Ion: 43 Resp: 1666192

Ion Ratio Lower Upper

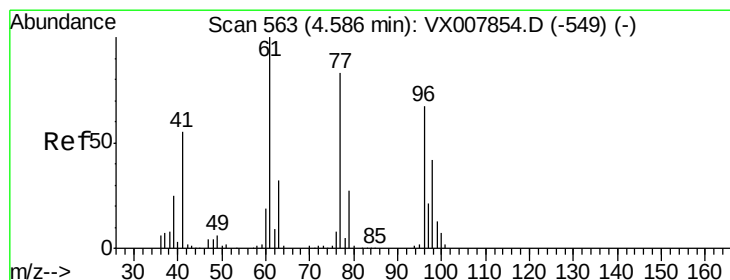
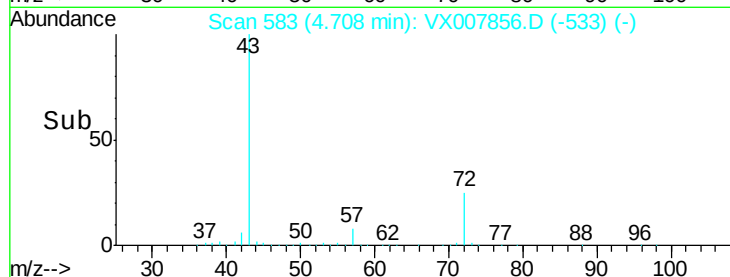
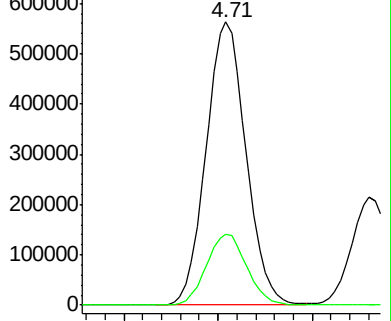
43 100

72 25.2 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 152.710 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX007856.D

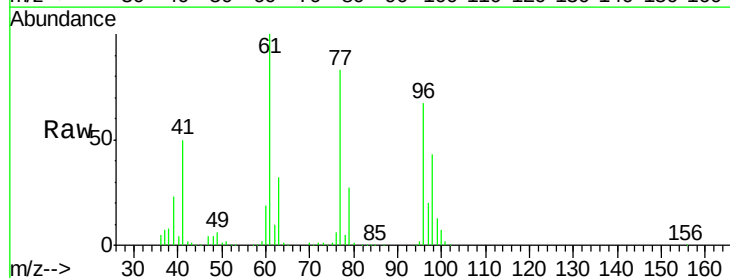
Acq: 06 Mar 2019 11:53

Tgt Ion: 77 Resp: 495701

Ion Ratio Lower Upper

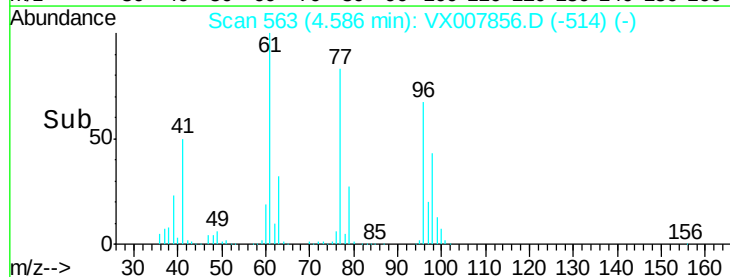
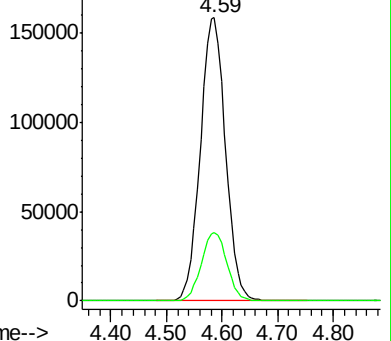
77 100

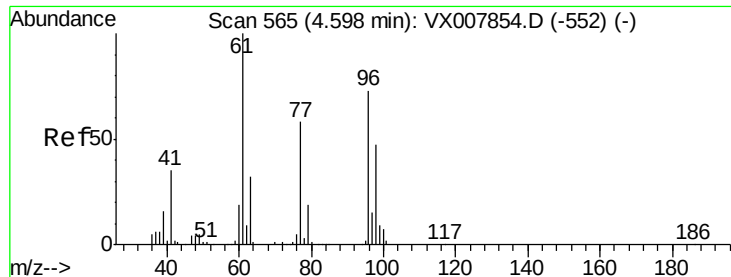
97 24.6 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



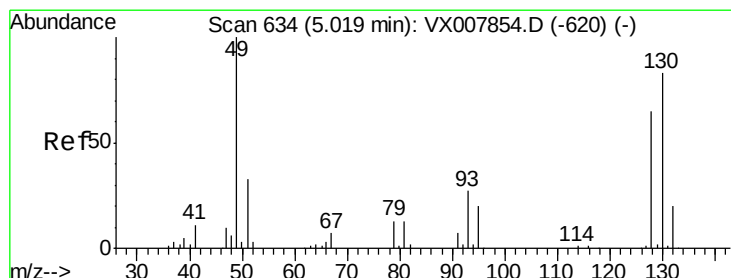
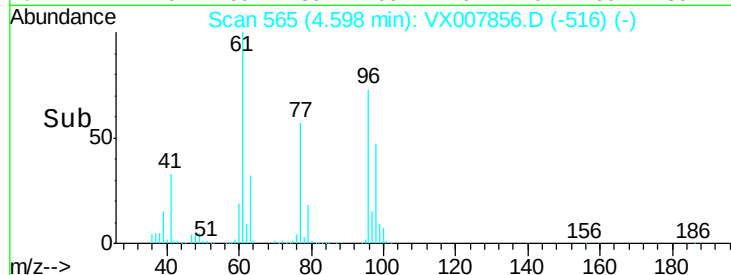
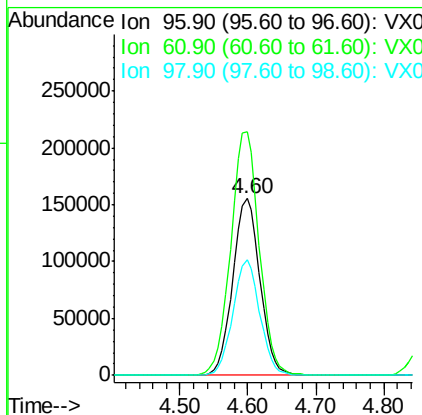
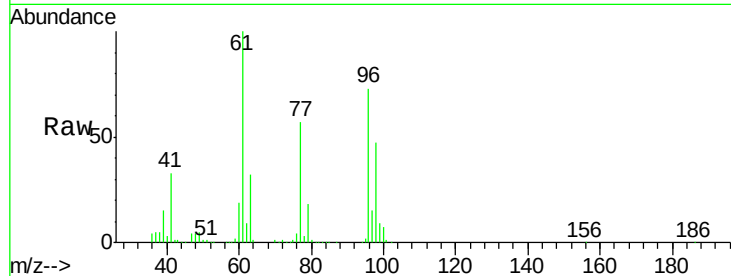


#27

cis-1,2-Dichloroethene
Concen: 145.048 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX007856.D
Acq: 06 Mar 2019 11:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

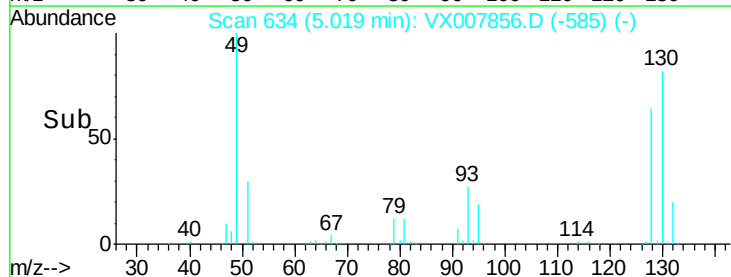
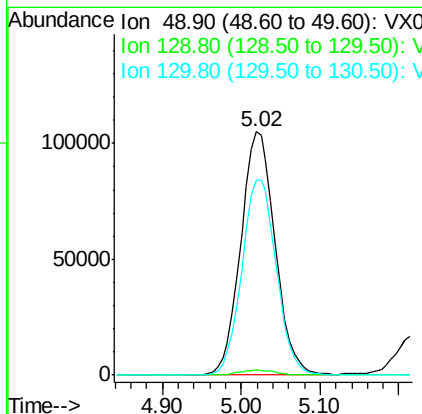
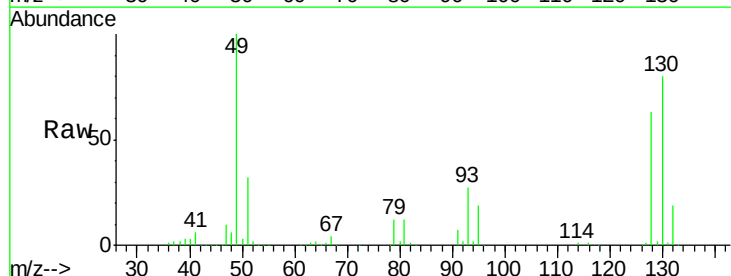
Tgt Ion: 96 Resp: 431667
Ion Ratio Lower Upper
96 100
61 143.8 0.0 288.0
98 64.7 0.0 129.0

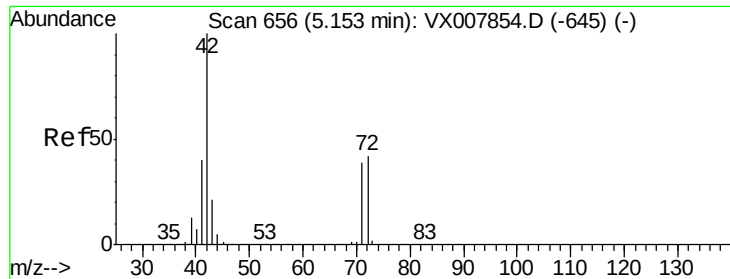


#28

Bromochloromethane
Concen: 139.371 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX007856.D
Acq: 06 Mar 2019 11:53

Tgt Ion: 49 Resp: 318354
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.0
130 80.7 65.0 97.4





#29

Tetrahydrofuran

Concen: 723.193 ug/l

RT: 5.16 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX007856.D

Acq: 06 Mar 2019 11:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

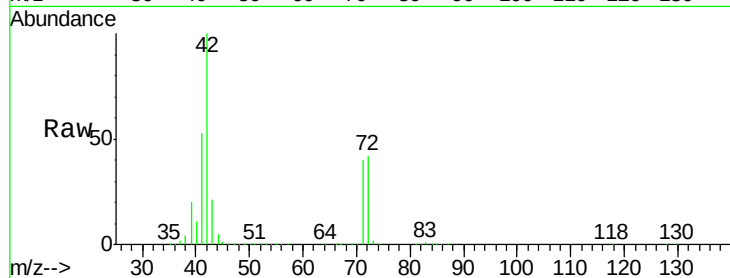
Tgt Ion: 42 Resp: 1083309

Ion Ratio Lower Upper

42 100

72 42.2 33.8 50.6

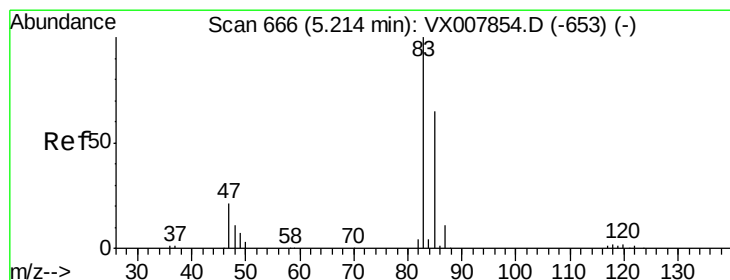
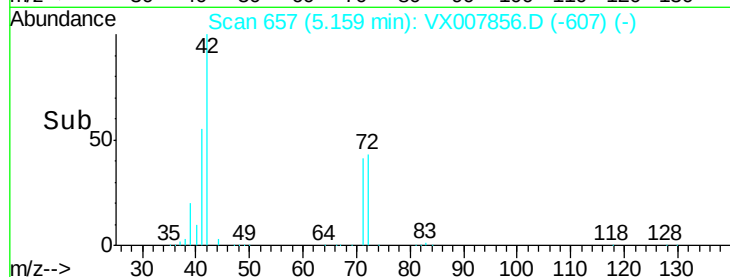
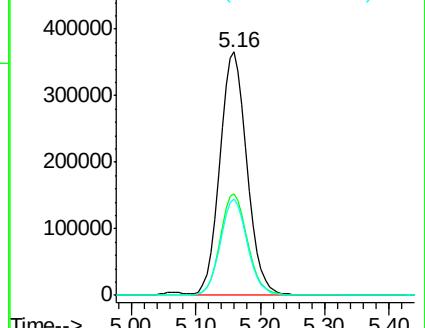
71 39.6 31.5 47.3



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: 145.753 ug/l

RT: 5.22 min Scan# 667

Delta R.T. 0.01 min

Lab File: VX007856.D

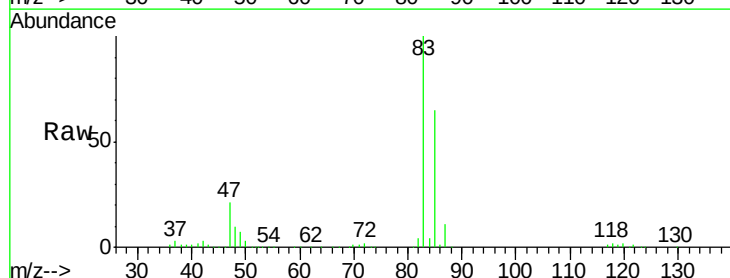
Acq: 06 Mar 2019 11:53

Tgt Ion: 83 Resp: 675521

Ion Ratio Lower Upper

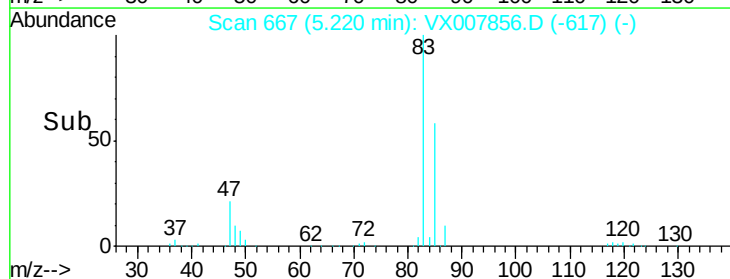
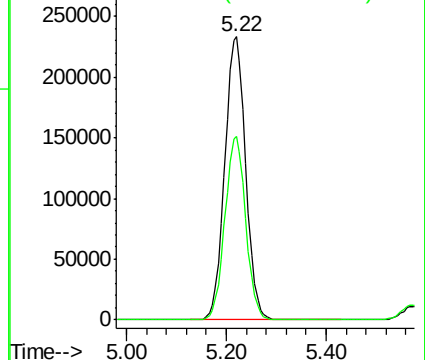
83 100

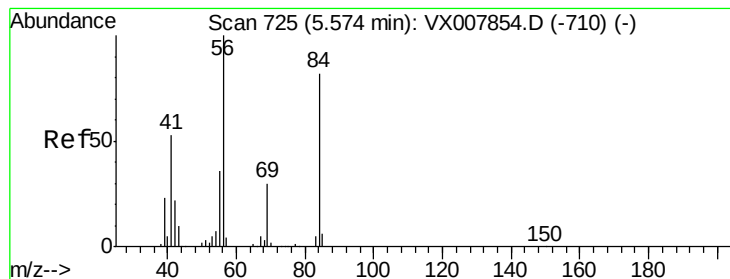
85 64.8 51.8 77.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 149.125 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX007856.D

Acq: 06 Mar 2019 11:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

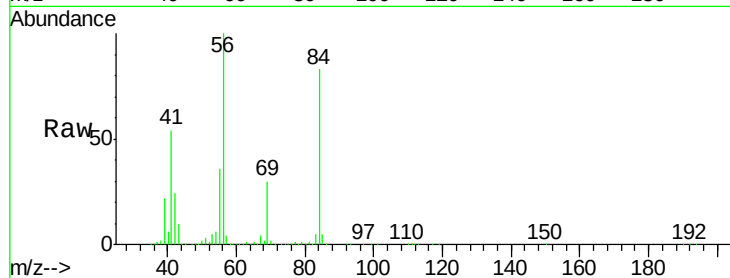
Tgt Ion: 56 Resp: 671519

Ion Ratio Lower Upper

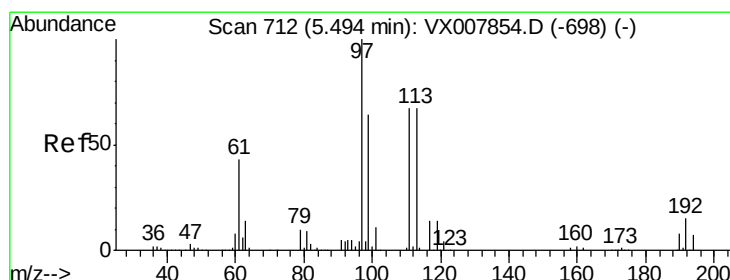
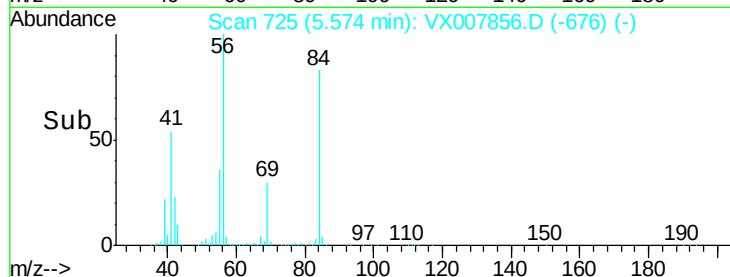
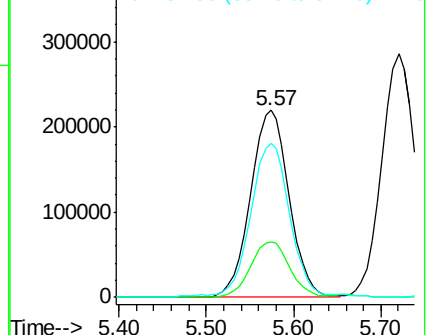
56 100

69 29.8 24.0 36.0

84 81.5 65.3 97.9



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



#32

1,1,1-Trichloroethane

Concen: 151.586 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX007856.D

Acq: 06 Mar 2019 11:53

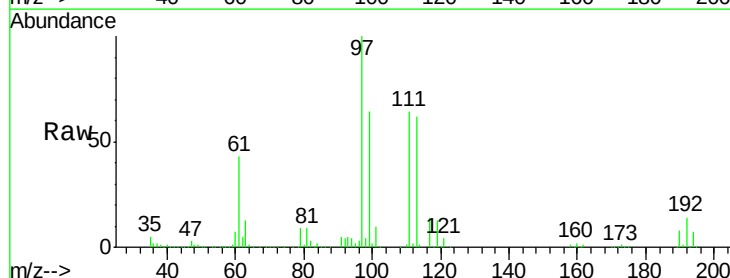
Tgt Ion: 97 Resp: 582916

Ion Ratio Lower Upper

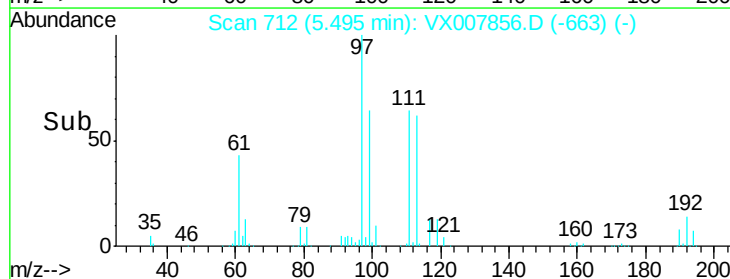
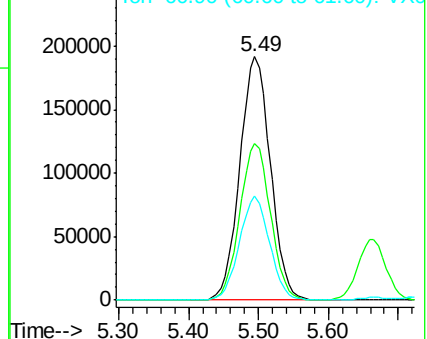
97 100

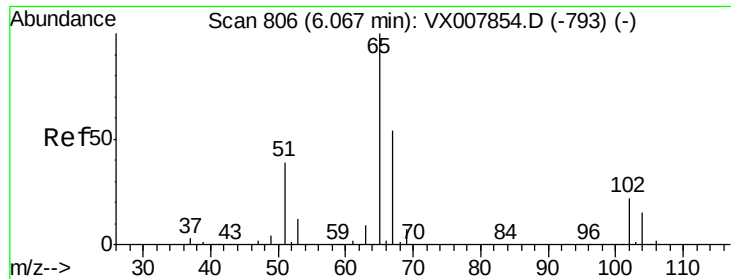
99 64.5 52.2 78.2

61 42.1 34.9 52.3



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

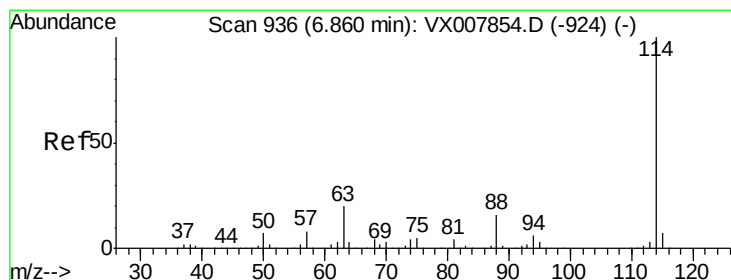
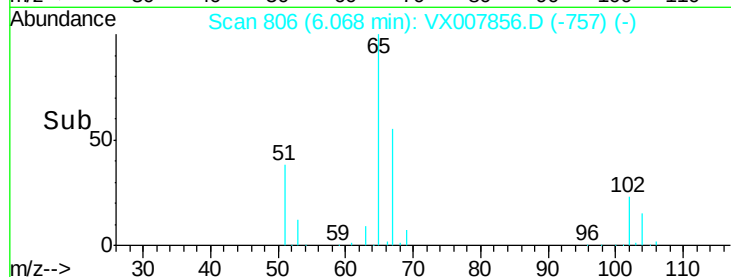
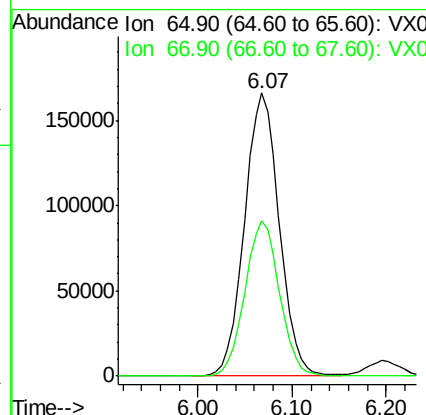
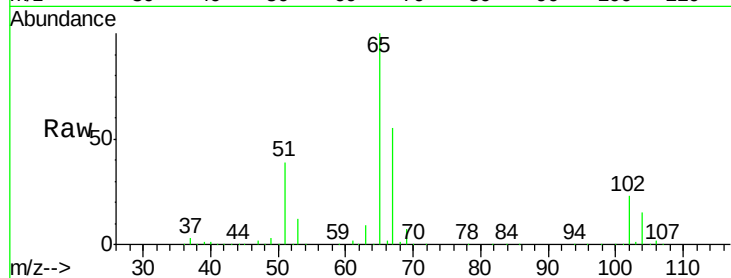




#33
 1,2-Dichloroethane-d4
 Concen: 146.097 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX007856.D
 Acq: 06 Mar 2019 11:53

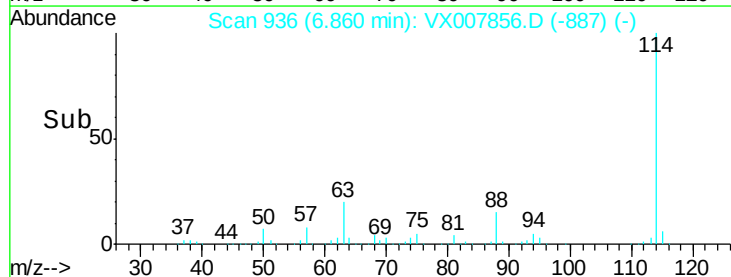
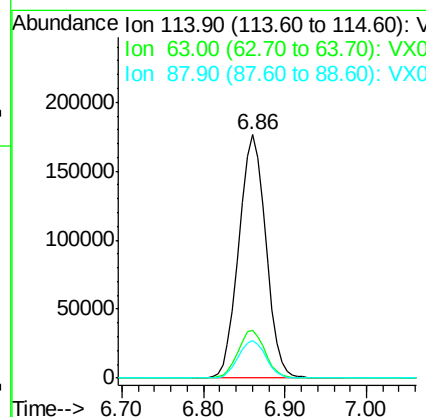
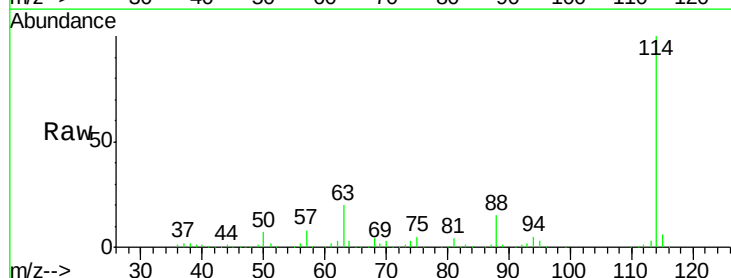
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

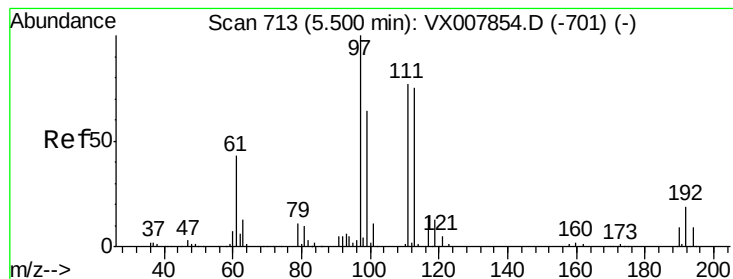
Tgt Ion: 65 Resp: 428155
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 110.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX007856.D
 Acq: 06 Mar 2019 11:53

Tgt Ion: 114 Resp: 404429
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.8
 88 15.4 0.0 31.4





#35

Dibromofluoromethane

Concen: 147.558 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007856.D

Acq: 06 Mar 2019 11:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

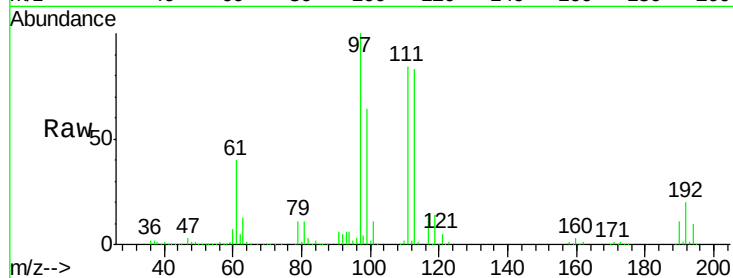
Tgt Ion:113 Resp: 381733

Ion Ratio Lower Upper

113 100

111 102.0 81.4 122.0

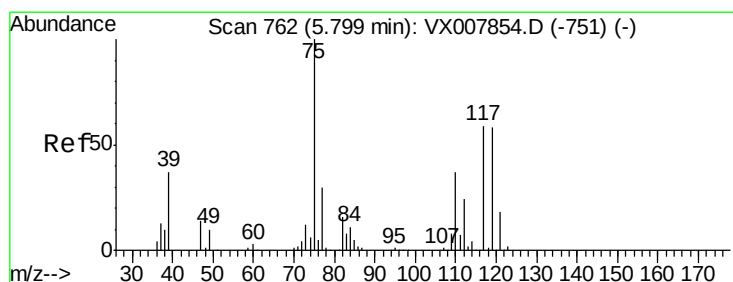
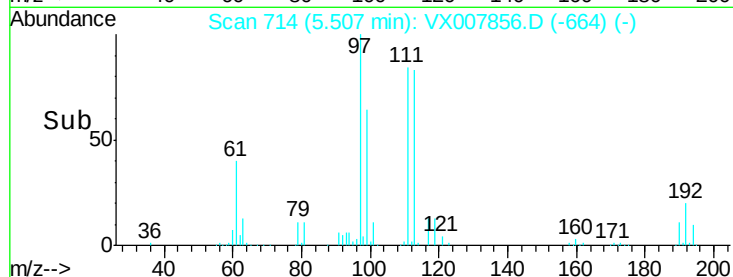
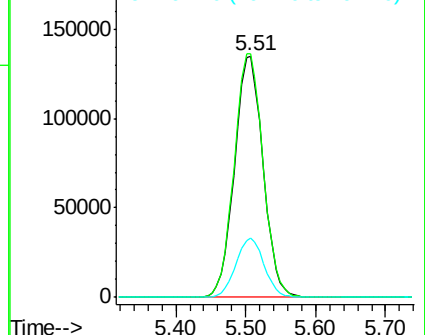
192 24.3 19.4 29.0



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 144.467 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX007856.D

Acq: 06 Mar 2019 11:53

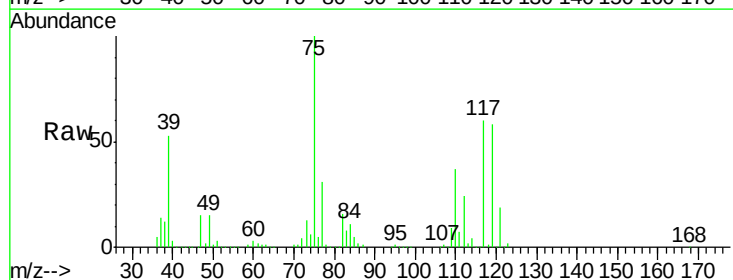
Tgt Ion: 75 Resp: 529039

Ion Ratio Lower Upper

75 100

110 37.1 18.4 55.0

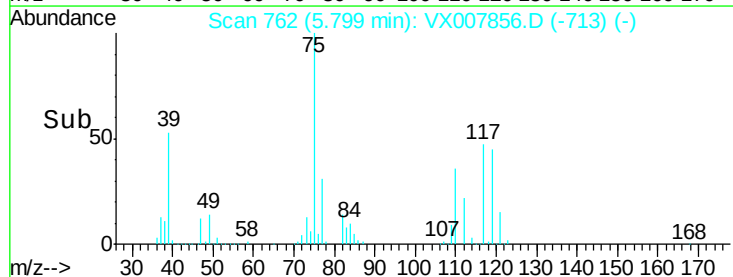
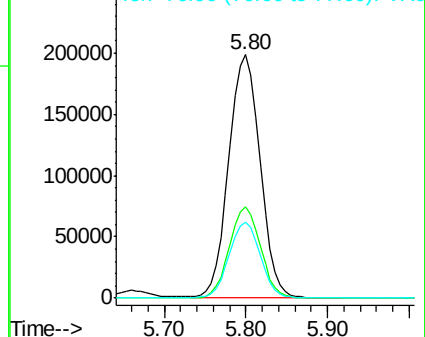
77 31.3 25.0 37.4

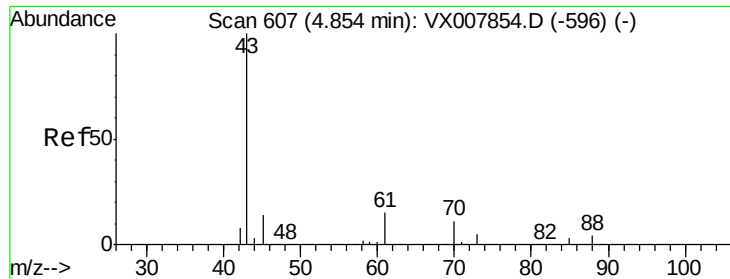


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 142.239 ug/l

RT: 4.86 min Scan# 608

Delta R.T. 0.01 min

Lab File: VX007856.D

Acq: 06 Mar 2019 11:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

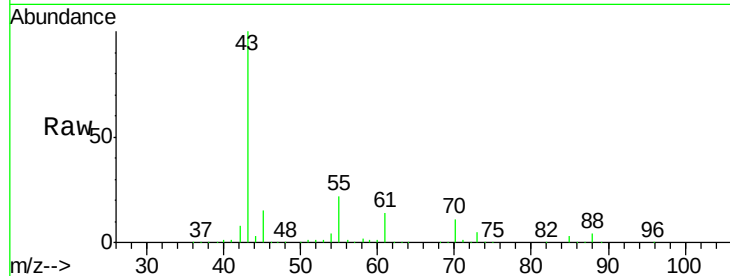
Tgt Ion: 43 Resp: 618130

Ion Ratio Lower Upper

43 100

61 14.3 11.3 16.9

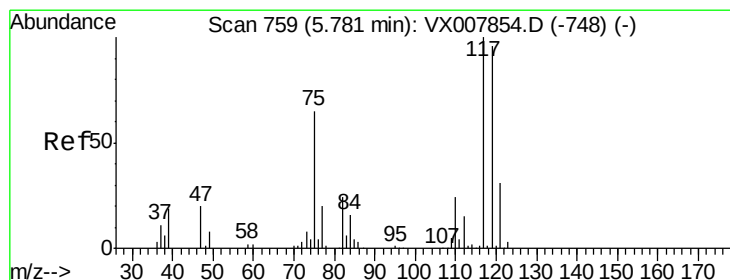
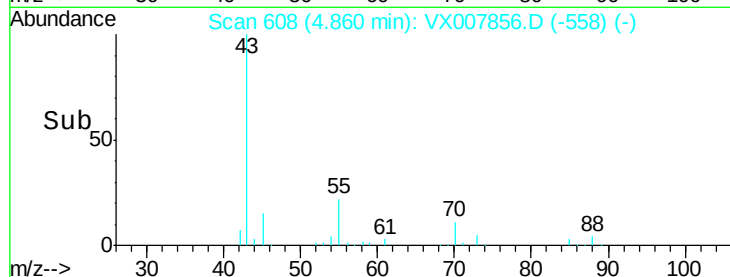
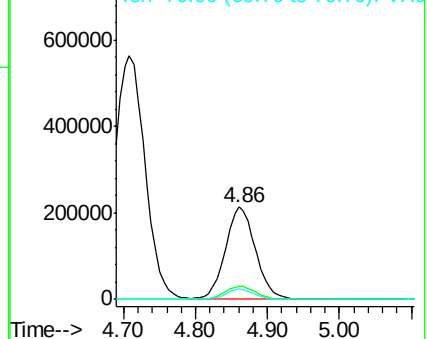
70 10.6 8.5 12.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 151.411 ug/l

RT: 5.78 min Scan# 759

Delta R.T. 0.00 min

Lab File: VX007856.D

Acq: 06 Mar 2019 11:53

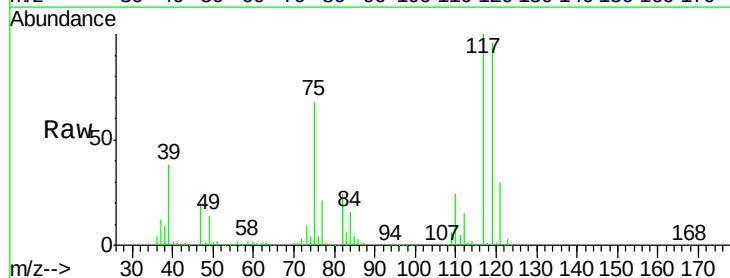
Tgt Ion: 117 Resp: 526398

Ion Ratio Lower Upper

117 100

119 96.1 76.2 114.2

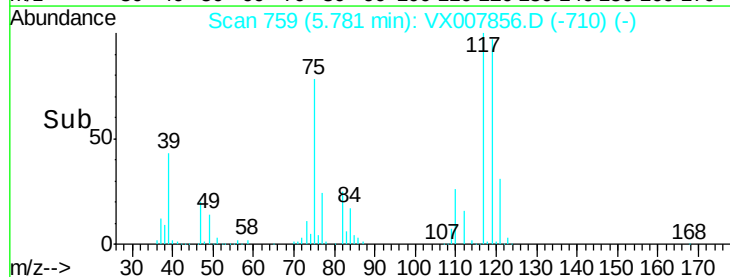
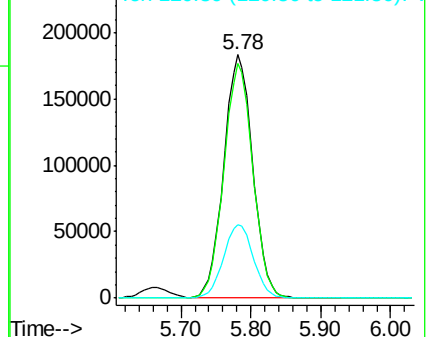
121 30.3 24.6 36.8

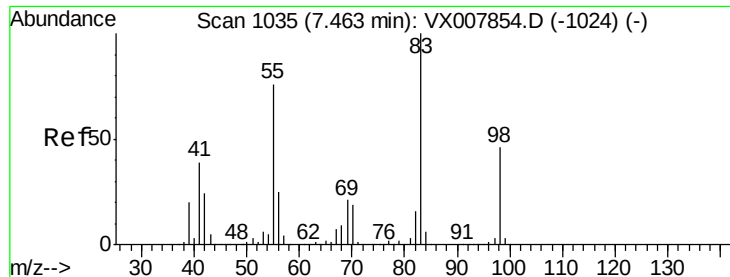


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

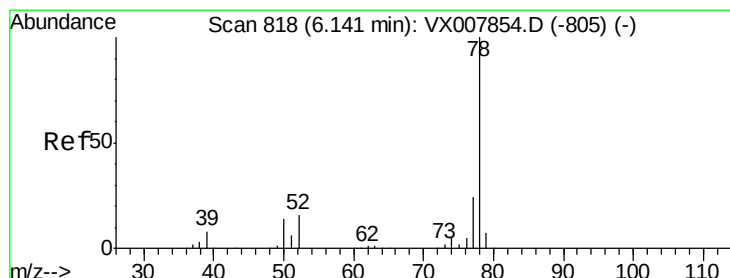
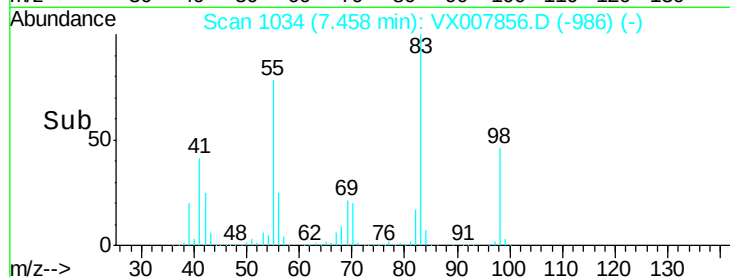
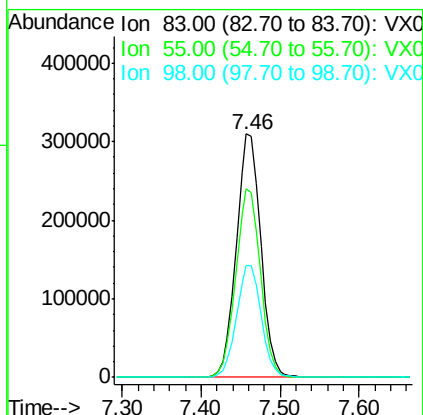
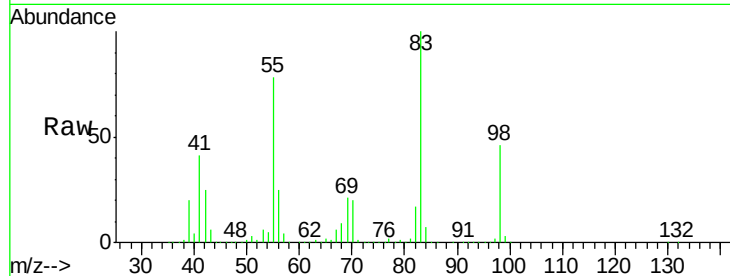




#39
Methylcyclohexane
Concen: 150.981 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX007856.D
Acq: 06 Mar 2019 11:53

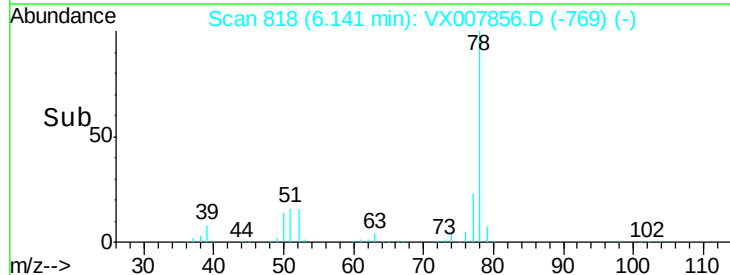
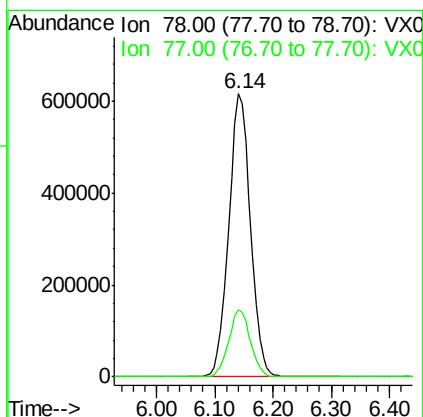
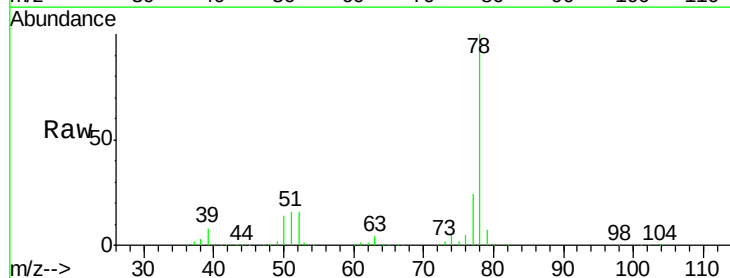
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

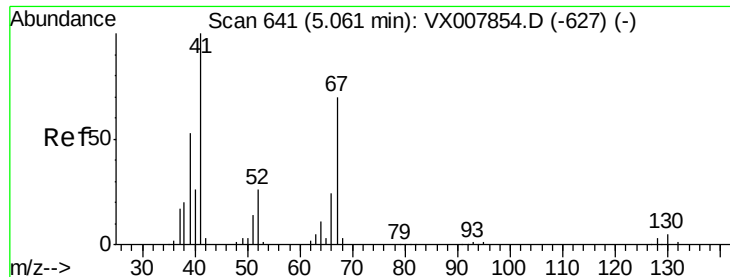
Tgt Ion: 83 Resp: 669956
Ion Ratio Lower Upper
83 100
55 77.6 60.4 90.6
98 45.9 36.5 54.7



#40
Benzene
Concen: 146.328 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX007856.D
Acq: 06 Mar 2019 11:53

Tgt Ion: 78 Resp: 1595273
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.4

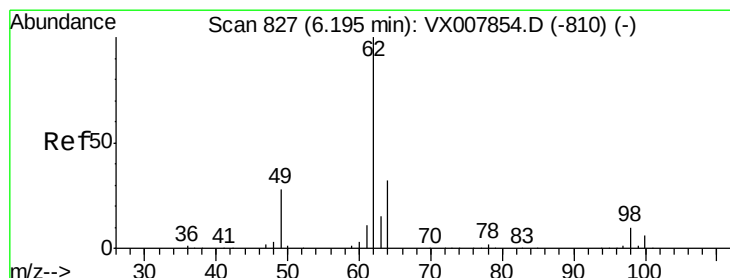
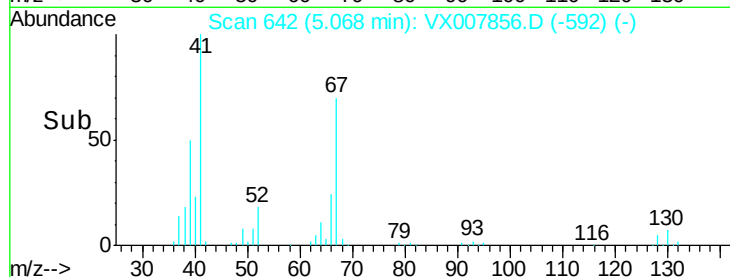
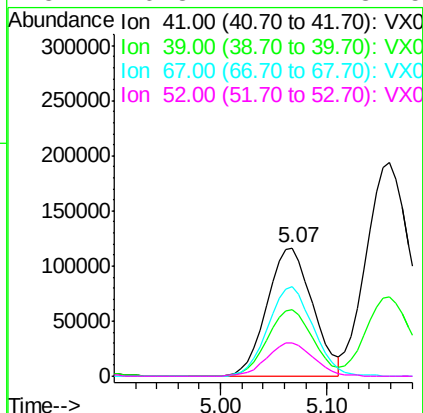
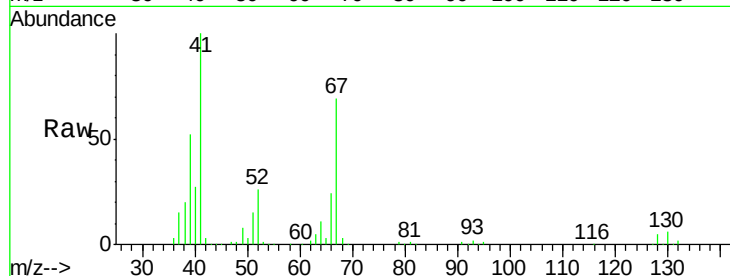




#41
Methacrylonitrile
Concen: 146.167 ug/l
RT: 5.07 min Scan# 642
Delta R.T. 0.01 min
Lab File: VX007856.D
Acq: 06 Mar 2019 11:53

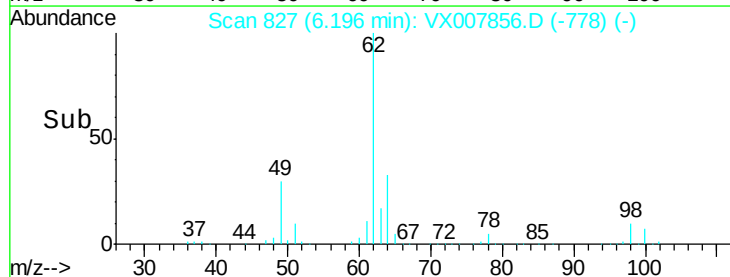
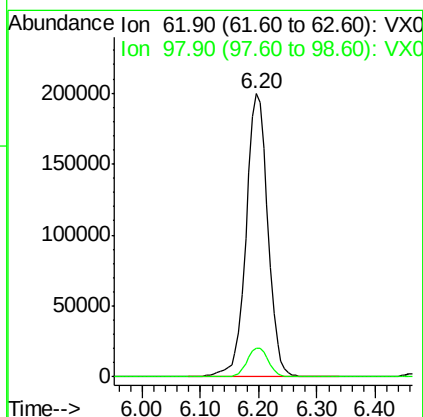
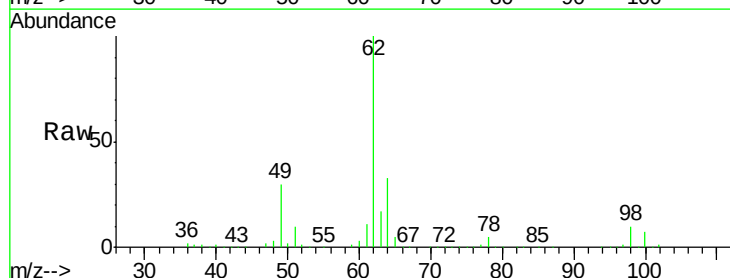
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

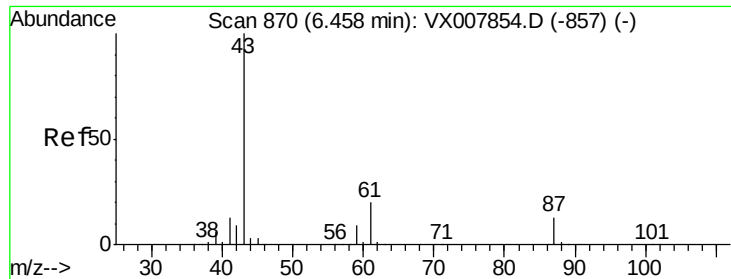
Tgt Ion:	41	Resp:	346310
Ion	Ratio	Lower	Upper
41	100		
39	51.9	41.6	62.4
67	69.3	55.8	83.6
52	26.8	21.7	32.5



#42
1,2-Dichloroethane
Concen: 144.108 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX007856.D
Acq: 06 Mar 2019 11:53

Tgt Ion:	62	Resp:	513791
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	20.4





#43

Isopropyl Acetate

Concen: 150.605 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX007856.D

Acq: 06 Mar 2019 11:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

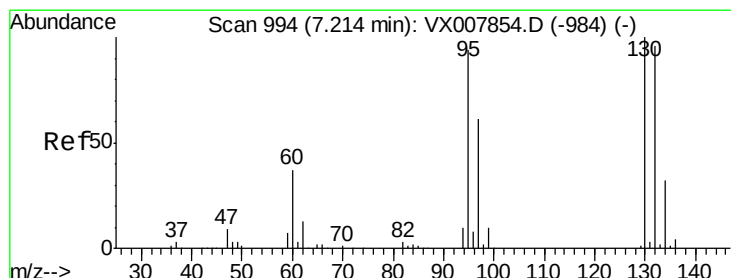
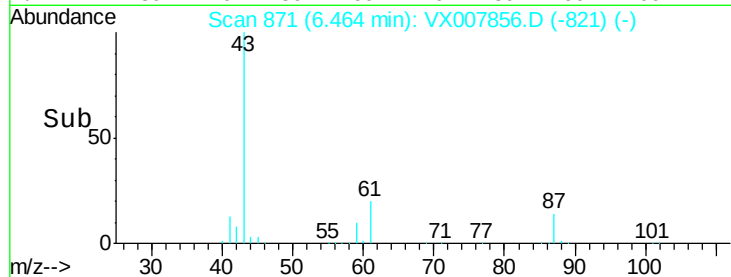
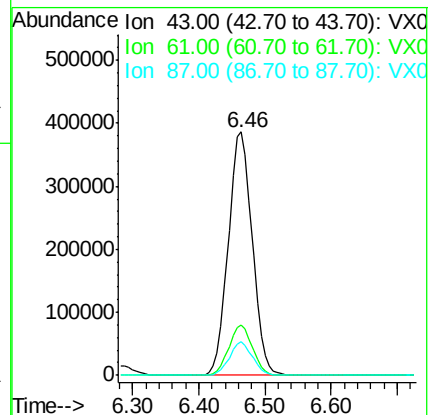
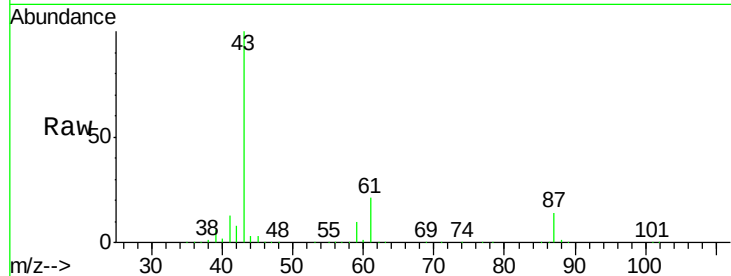
Tgt Ion: 43 Resp: 968614

Ion Ratio Lower Upper

43 100

61 20.5 16.3 24.5

87 13.3 10.5 15.7



#44

Trichloroethene

Concen: 144.351 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX007856.D

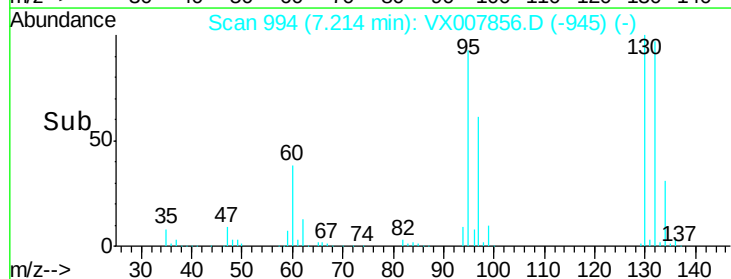
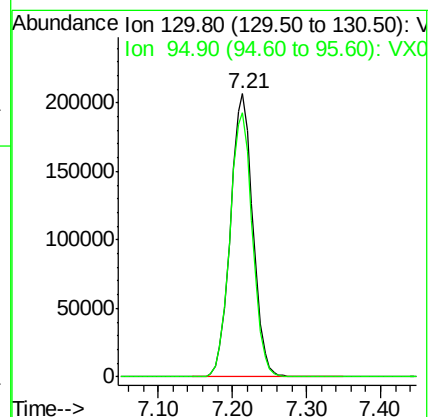
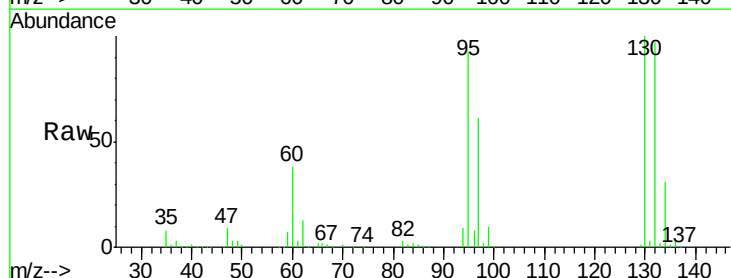
Acq: 06 Mar 2019 11:53

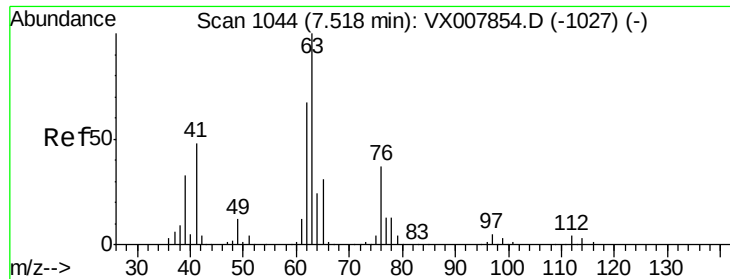
Tgt Ion: 130 Resp: 433689

Ion Ratio Lower Upper

130 100

95 93.2 0.0 188.0

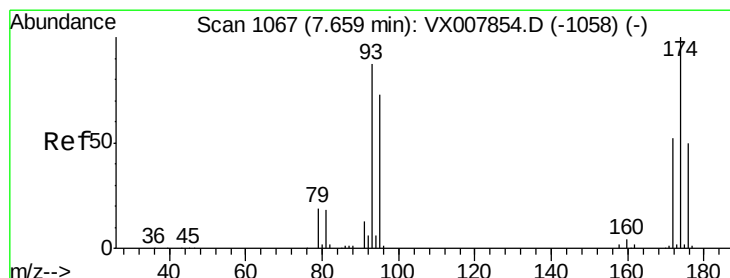
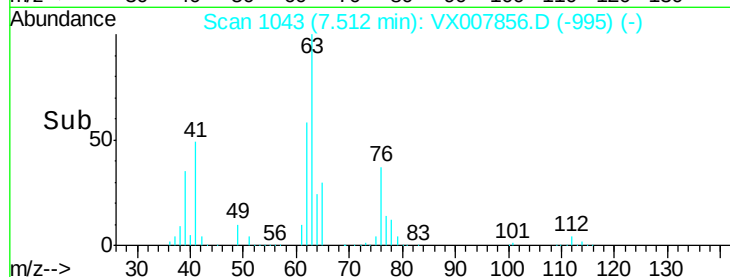
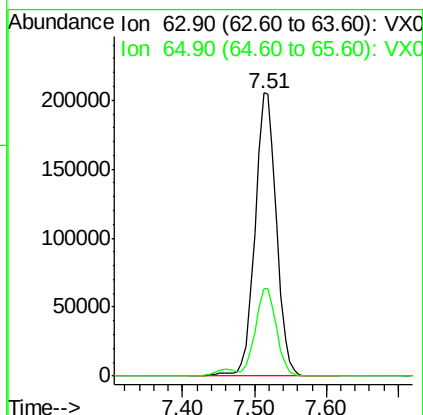
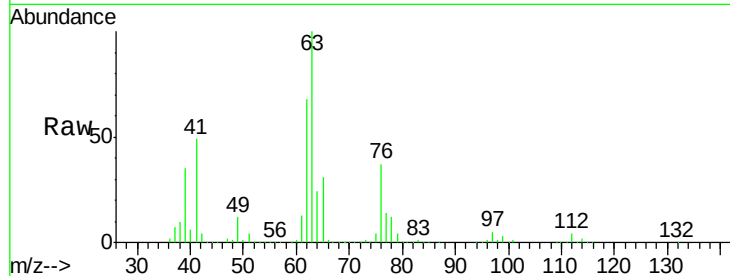




#45
 1,2-Dichloropropane
 Concen: 147.005 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: VX007856.D
 Acq: 06 Mar 2019 11:53

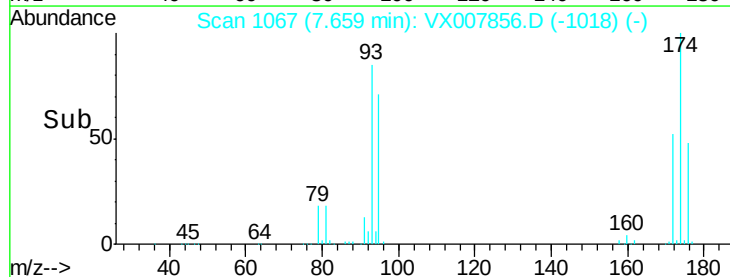
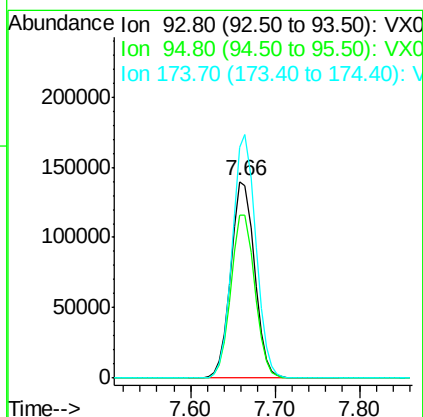
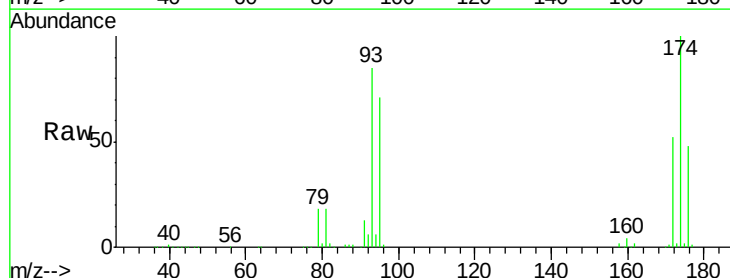
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

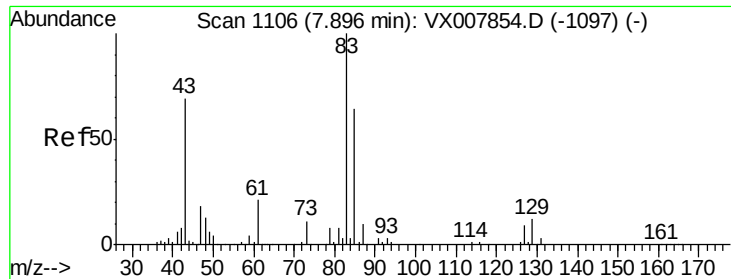
Tgt Ion: 63 Resp: 423291
 Ion Ratio Lower Upper
 63 100
 65 31.1 24.7 37.1



#46
 Dibromomethane
 Concen: 145.580 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX007856.D
 Acq: 06 Mar 2019 11:53

Tgt Ion: 93 Resp: 265283
 Ion Ratio Lower Upper
 93 100
 95 83.9 66.8 100.2
 174 122.3 97.3 145.9





#47

Bromodichloromethane

Concen: 151.649 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX007856.D

Acq: 06 Mar 2019 11:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

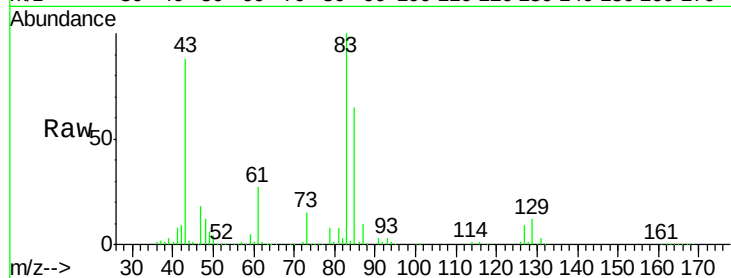
Tgt Ion: 83 Resp: 523933

Ion Ratio Lower Upper

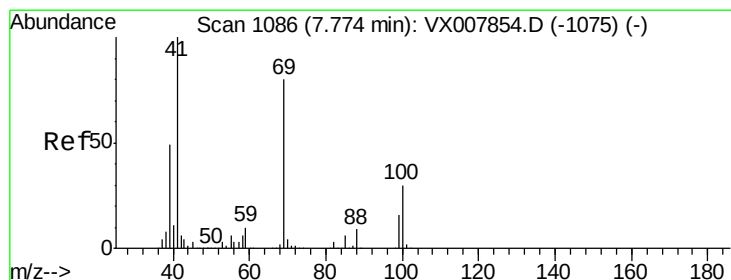
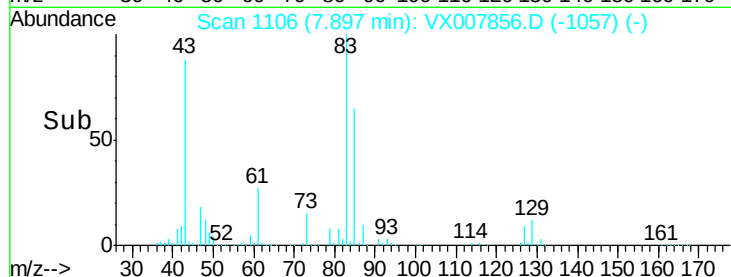
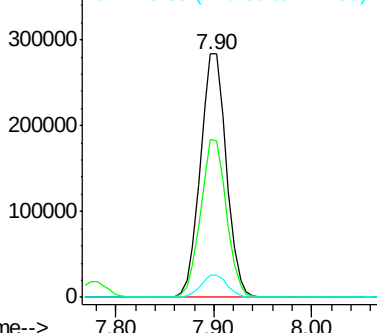
83 100

85 64.7 50.9 76.3

127 9.1 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 148.384 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX007856.D

Acq: 06 Mar 2019 11:53

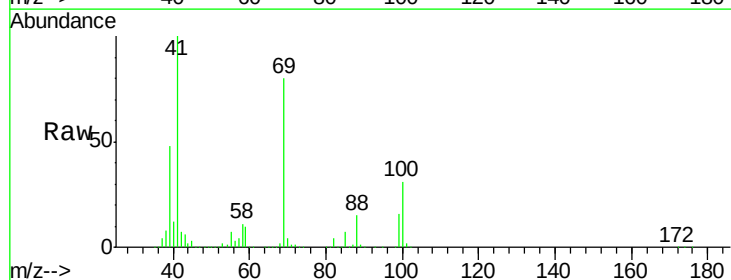
Tgt Ion: 41 Resp: 501748

Ion Ratio Lower Upper

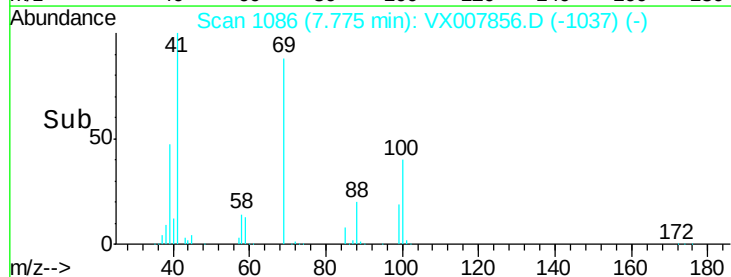
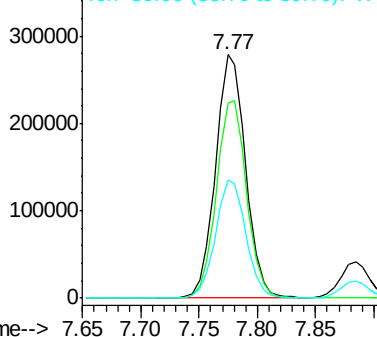
41 100

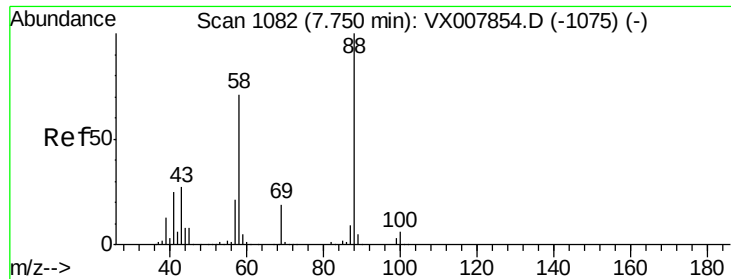
69 81.7 65.2 97.8

39 48.9 39.4 59.2



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

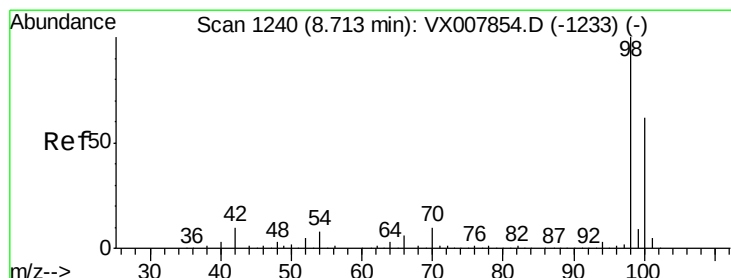
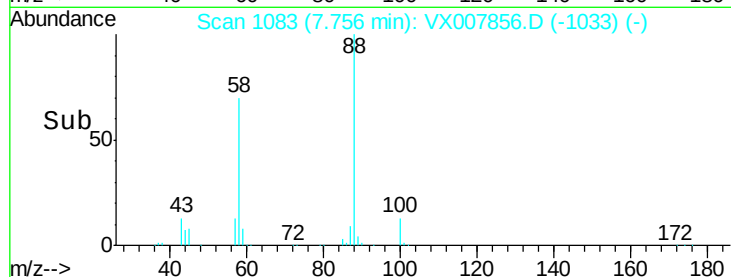
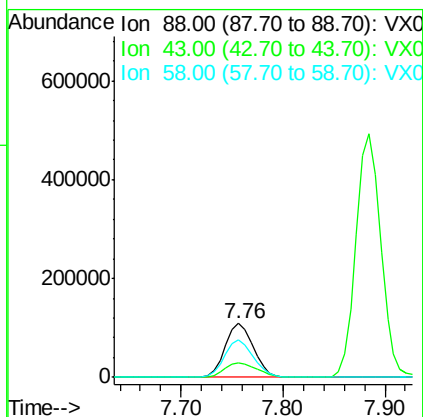
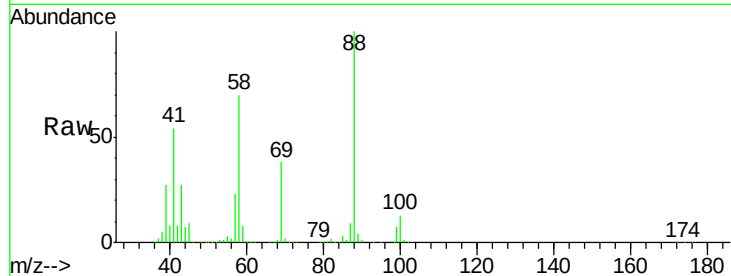




#49
1,4-Dioxane
Concen: 3020.227 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.01 min
Lab File: VX007856.D
Acq: 06 Mar 2019 11:53

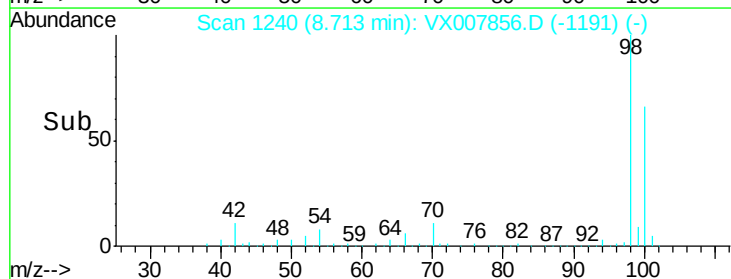
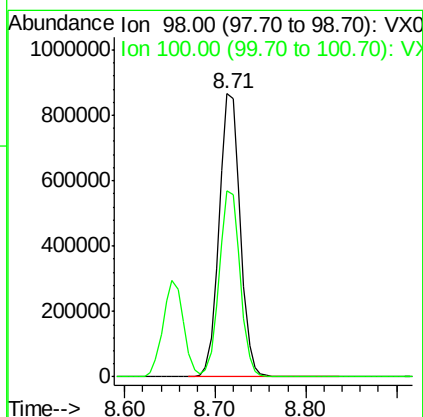
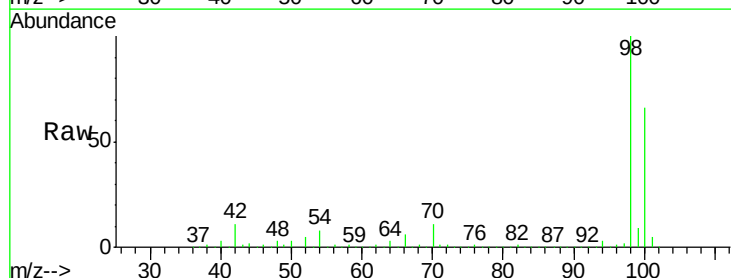
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

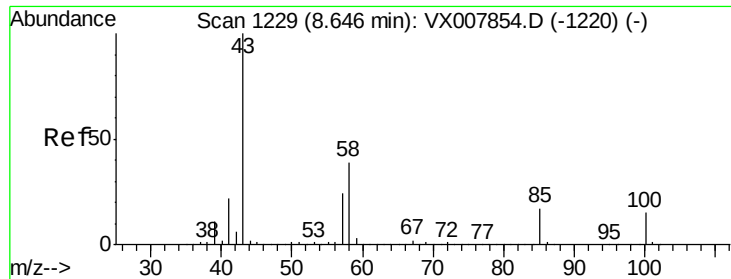
Tgt Ion: 88 Resp: 209790
Ion Ratio Lower Upper
88 100
43 30.6 25.1 37.7
58 71.4 57.8 86.6



#50
Toluene-d8
Concen: 147.542 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX007856.D
Acq: 06 Mar 2019 11:53

Tgt Ion: 98 Resp: 1401775
Ion Ratio Lower Upper
98 100
100 65.4 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 737.297 ug/l

RT: 8.65 min Scan# 1230

Delta R.T. 0.01 min

Lab File: VX007856.D

Acq: 06 Mar 2019 11:53

Instrument :

MSVOA_X

ClientSampleId :

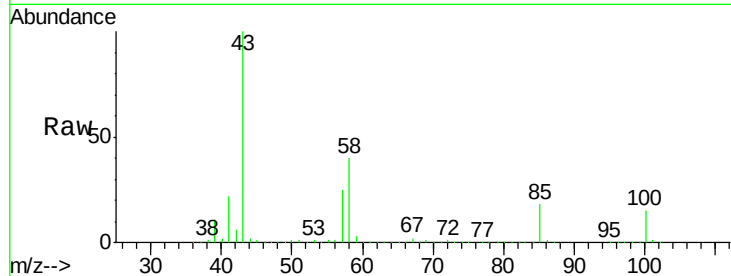
VSTDIC150

Tgt Ion: 43 Resp: 3049540

Ion Ratio Lower Upper

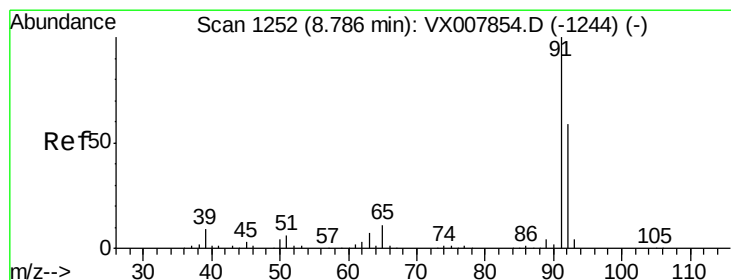
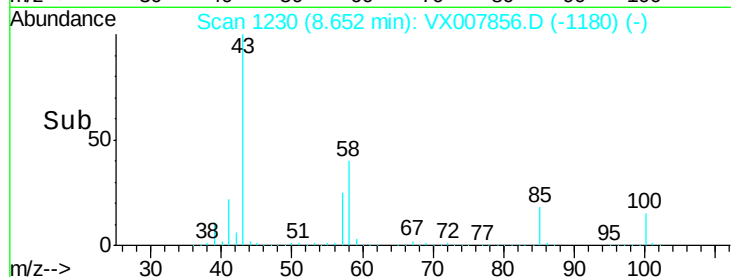
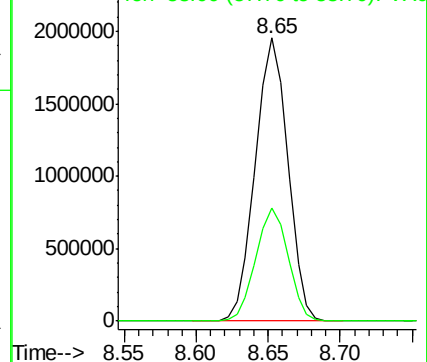
43 100

58 39.9 31.3 46.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 145.684 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX007856.D

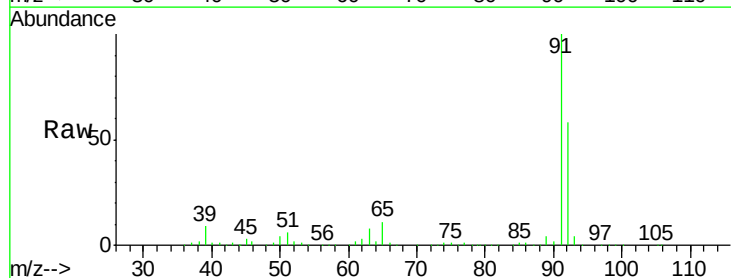
Acq: 06 Mar 2019 11:53

Tgt Ion: 92 Resp: 969665

Ion Ratio Lower Upper

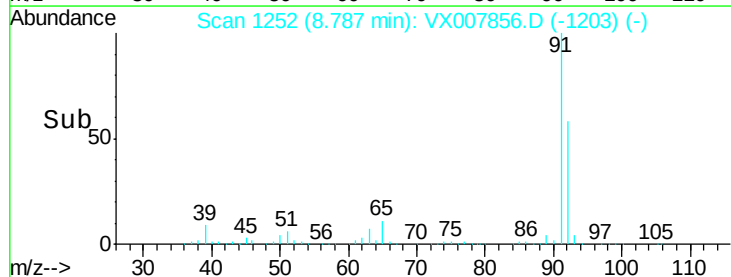
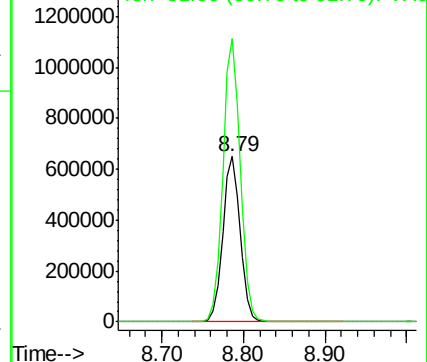
92 100

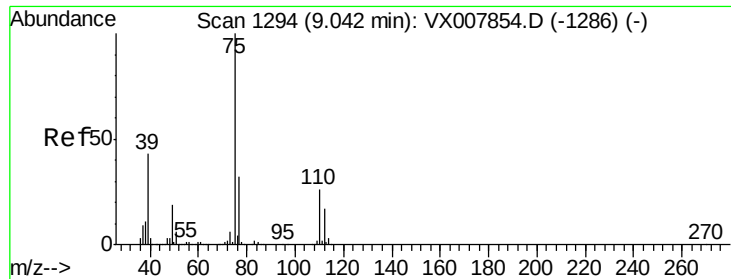
91 171.7 137.4 206.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 165.857 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX007856.D

Acq: 06 Mar 2019 11:53

Instrument :

MSVOA_X

ClientSampleId :

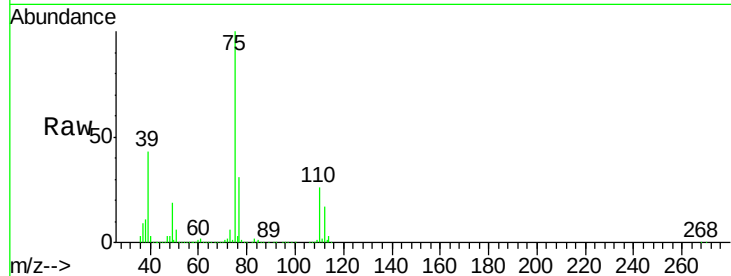
VSTDIC150

Tgt Ion: 75 Resp: 598086

Ion Ratio Lower Upper

75 100

77 31.3 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

400000

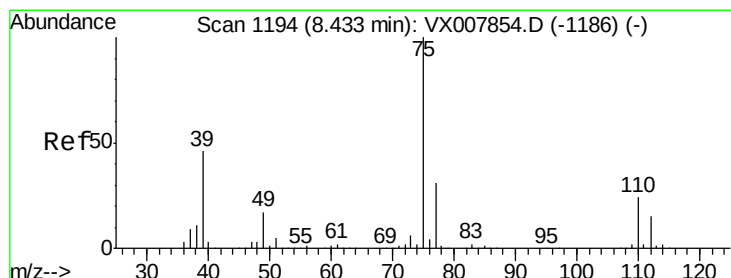
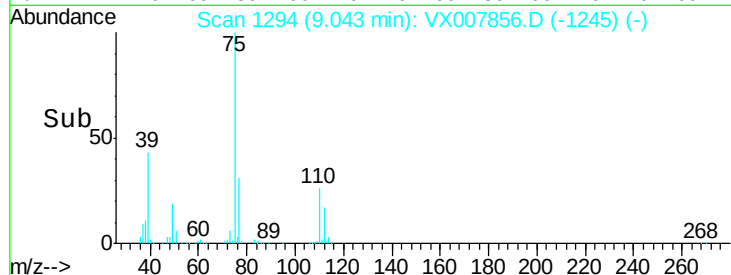
300000

200000

100000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 161.207 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. 0.01 min

Lab File: VX007856.D

Acq: 06 Mar 2019 11:53

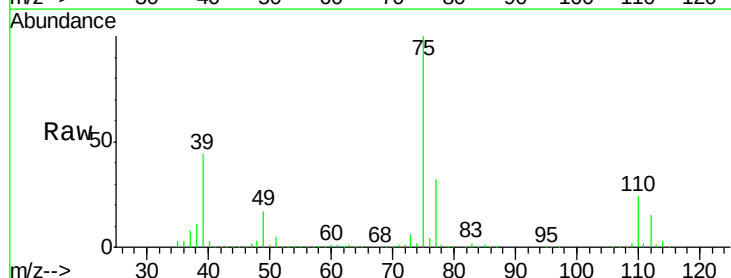
Tgt Ion: 75 Resp: 656454

Ion Ratio Lower Upper

75 100

77 31.9 25.0 37.6

39 43.7 36.6 54.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.44

400000

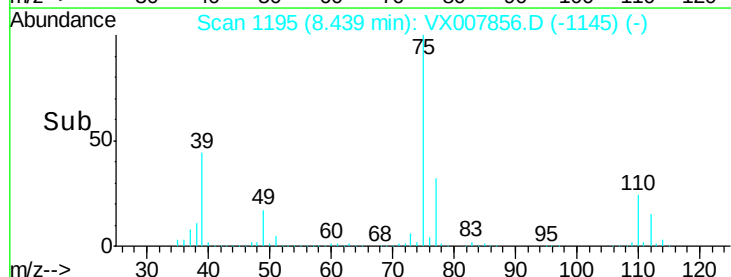
300000

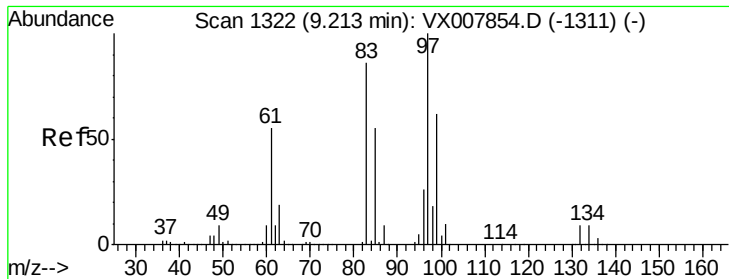
200000

100000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 144.120 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX007856.D

Acq: 06 Mar 2019 11:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 97 Resp: 388318

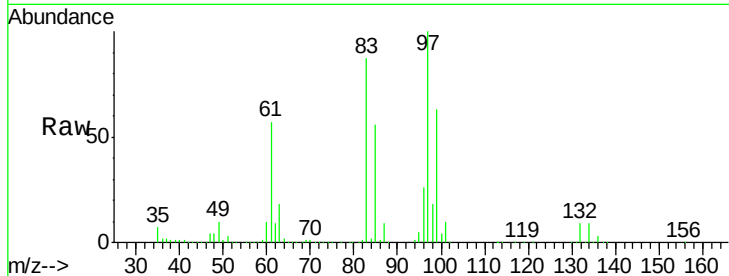
Ion Ratio Lower Upper

97 100

83 86.7 69.1 103.7

85 55.9 44.3 66.5

99 62.6 49.8 74.8

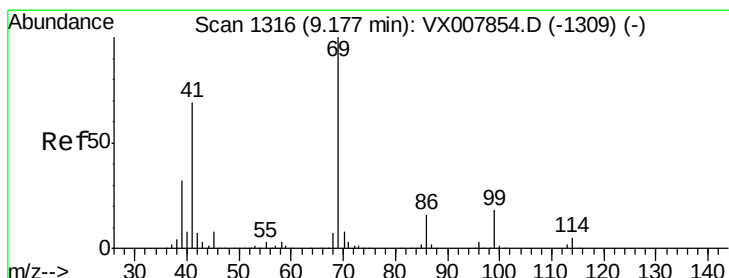
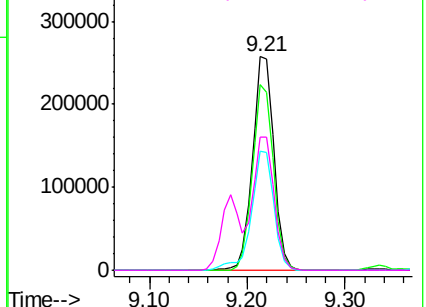
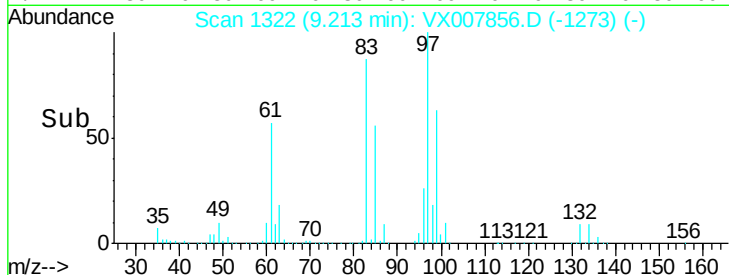


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 158.186 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. 0.01 min

Lab File: VX007856.D

Acq: 06 Mar 2019 11:53

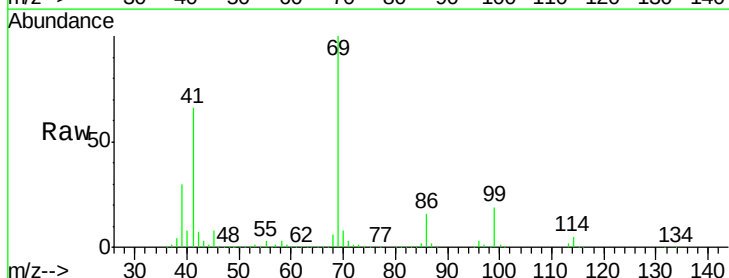
Tgt Ion: 69 Resp: 639944

Ion Ratio Lower Upper

69 100

41 66.9 54.2 81.4

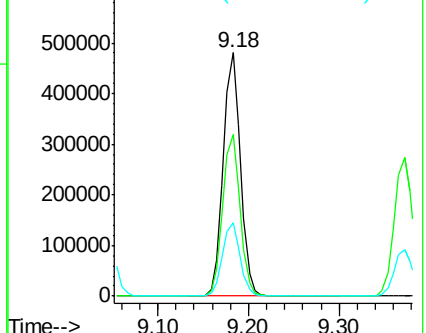
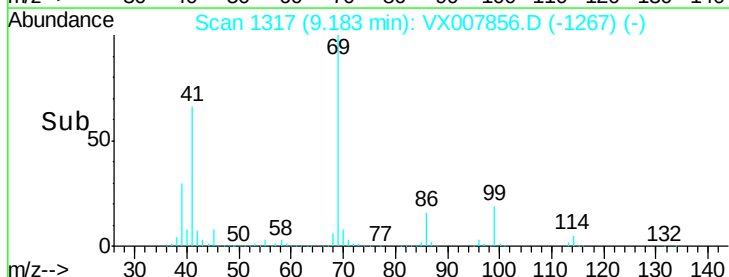
39 30.6 25.0 37.4

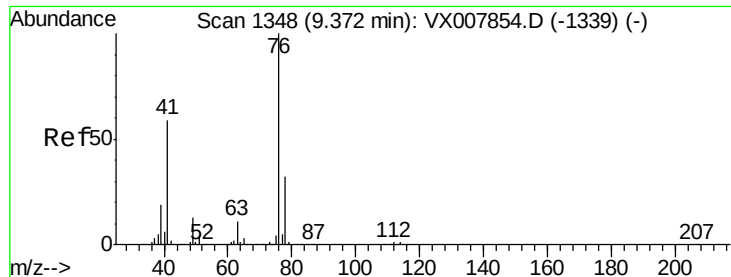


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

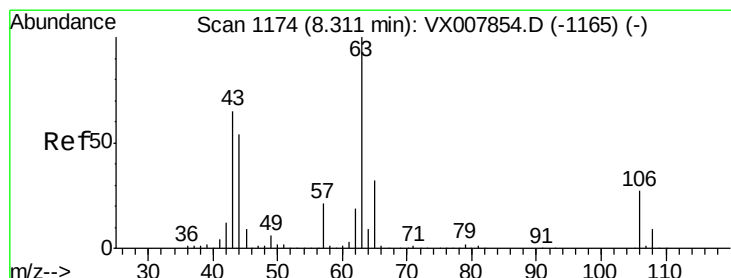
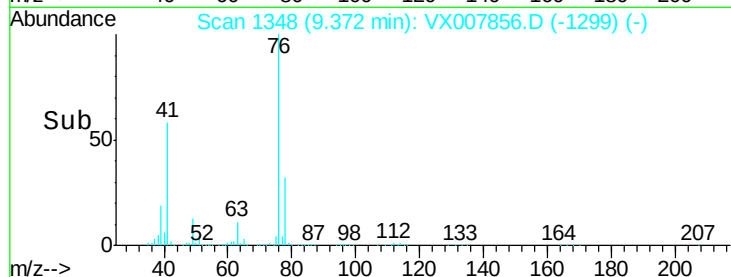
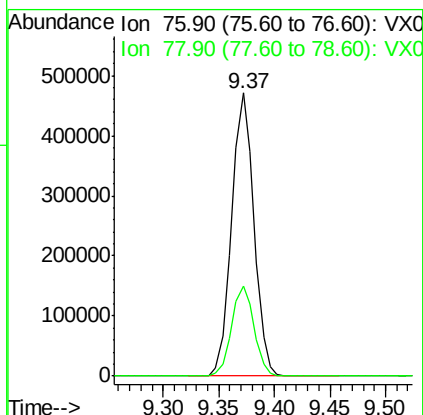
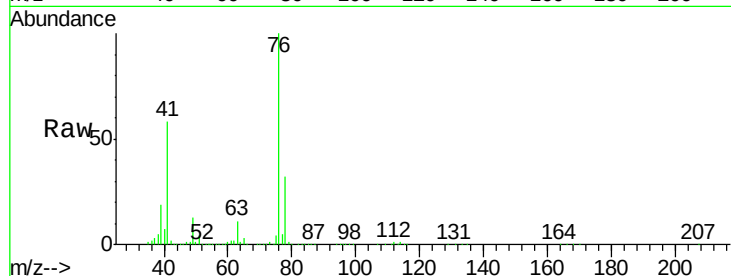




#57
 1,3-Dichloropropane
 Concen: 144.320 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX007856.D
 Acq: 06 Mar 2019 11:53

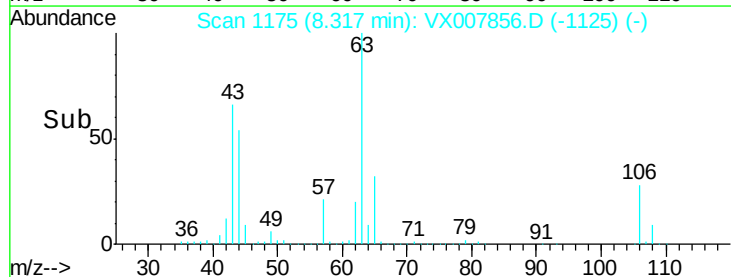
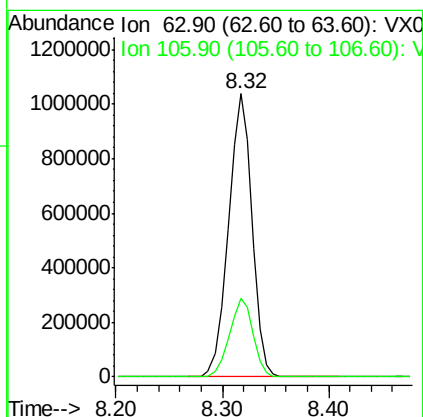
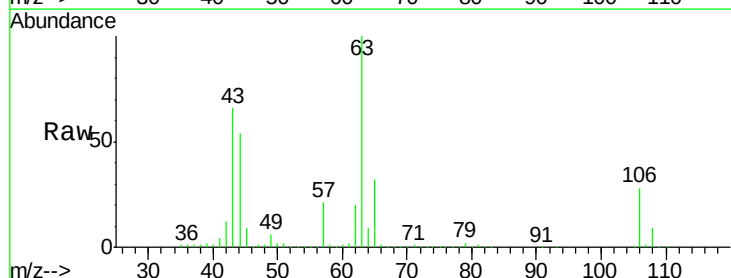
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

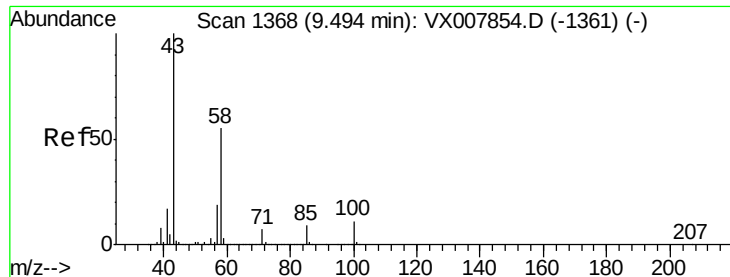
Tgt Ion: 76 Resp: 652916
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 763.362 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. 0.01 min
 Lab File: VX007856.D
 Acq: 06 Mar 2019 11:53

Tgt Ion: 63 Resp: 1597451
 Ion Ratio Lower Upper
 63 100
 106 27.9 22.2 33.2

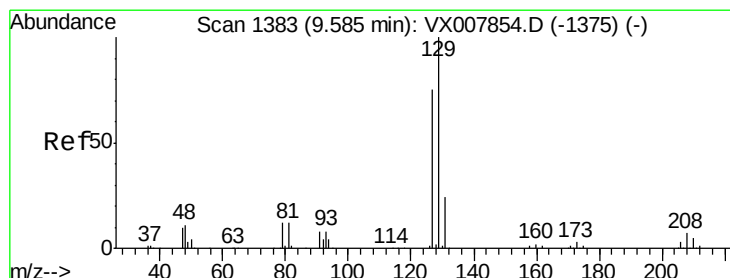
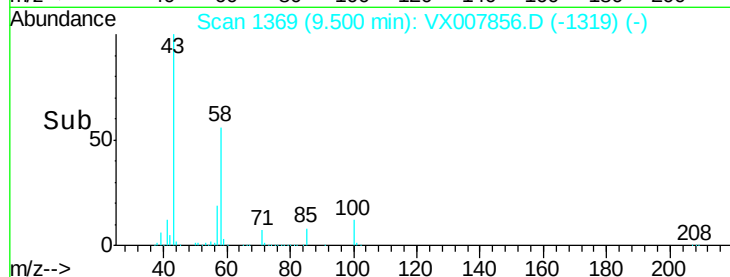
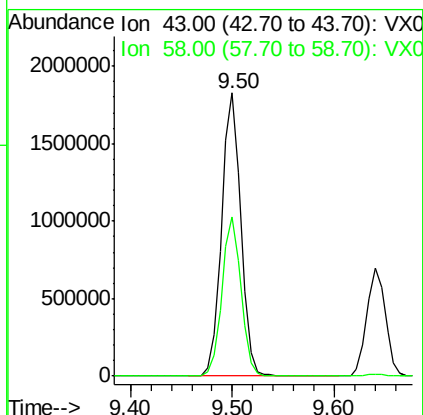
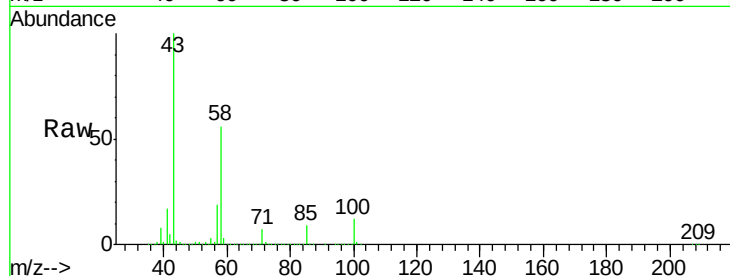




#59
2-Hexanone
Concen: 747.875 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. 0.01 min
Lab File: VX007856.D
Acq: 06 Mar 2019 11:53

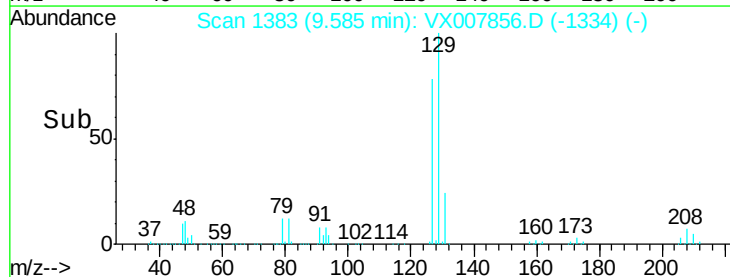
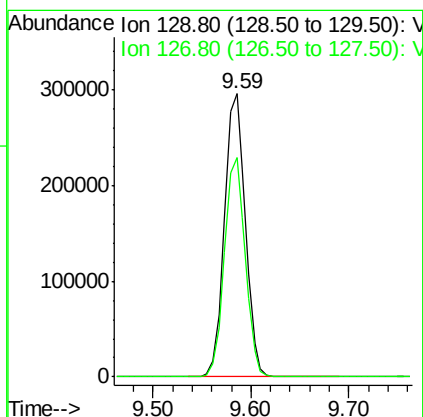
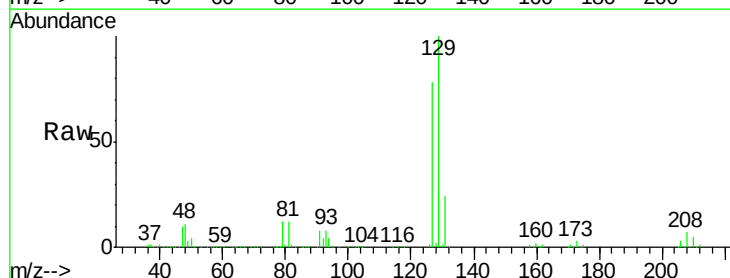
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

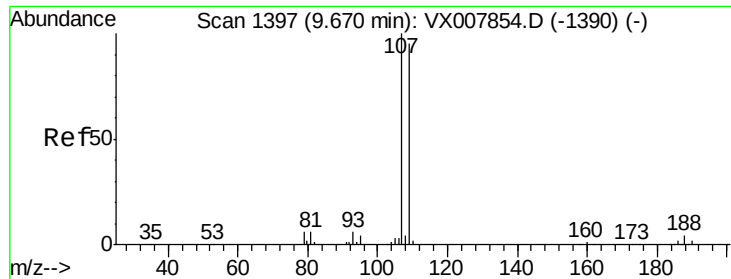
Tgt Ion: 43 Resp: 2401568
Ion Ratio Lower Upper
43 100
58 55.6 27.6 82.7



#60
Dibromochloromethane
Concen: 155.413 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX007856.D
Acq: 06 Mar 2019 11:53

Tgt Ion: 129 Resp: 437688
Ion Ratio Lower Upper
129 100
127 77.4 38.3 114.8





#61

1,2-Dibromoethane

Concen: 146.247 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX007856.D

Acq: 06 Mar 2019 11:53

Instrument :

MSVOA_X

ClientSampleId :

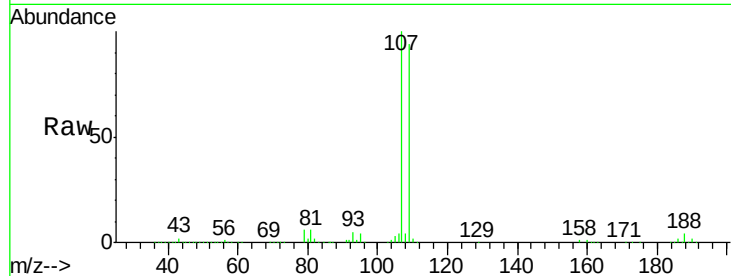
VSTDIC150

Tgt Ion:107 Resp: 418367

Ion Ratio Lower Upper

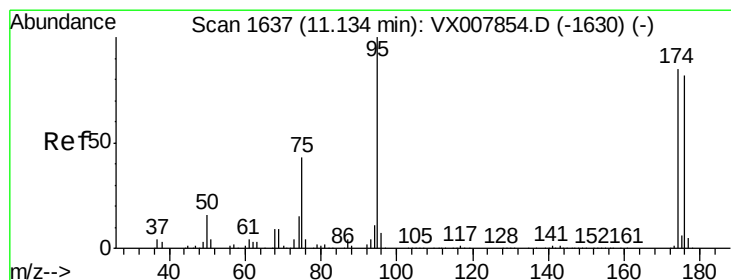
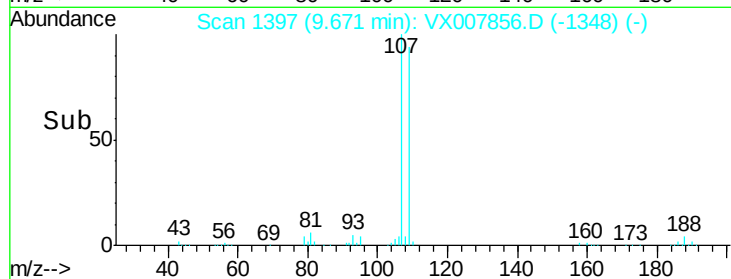
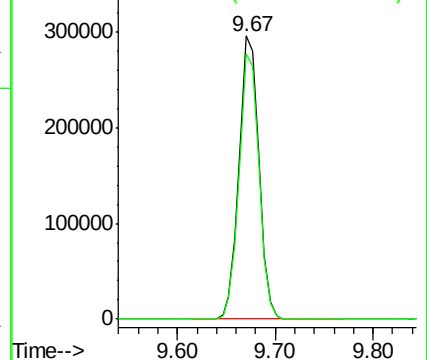
107 100

109 94.2 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 157.526 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.01 min

Lab File: VX007856.D

Acq: 06 Mar 2019 11:53

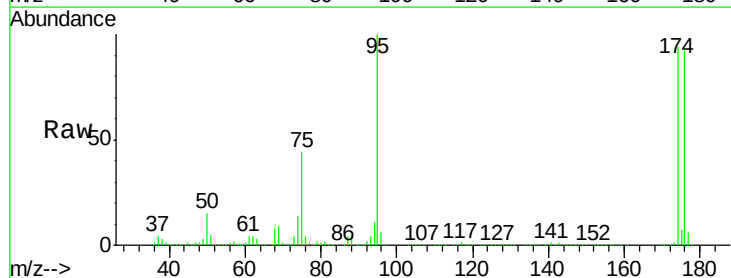
Tgt Ion: 95 Resp: 524724

Ion Ratio Lower Upper

95 100

174 91.1 0.0 182.8

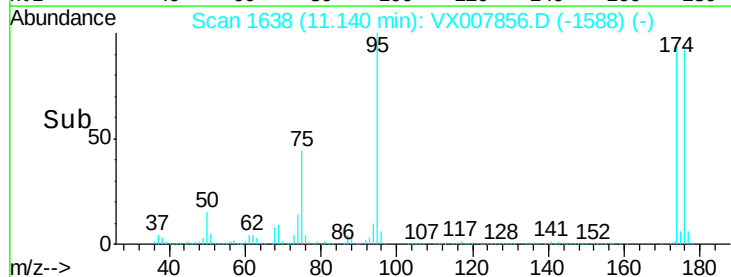
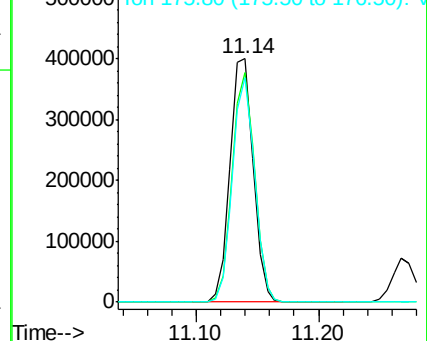
176 88.7 0.0 178.0

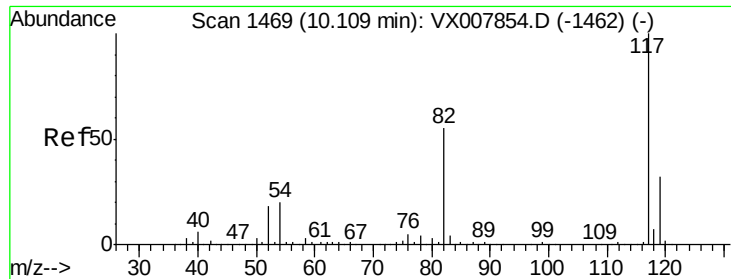


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

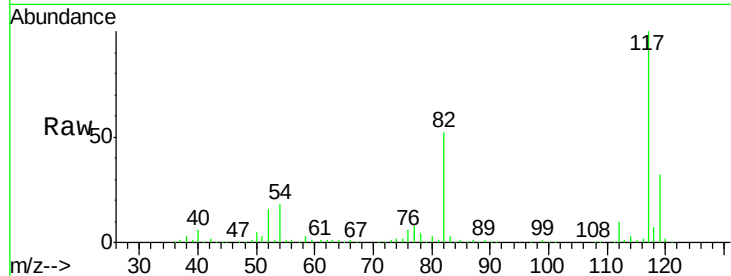




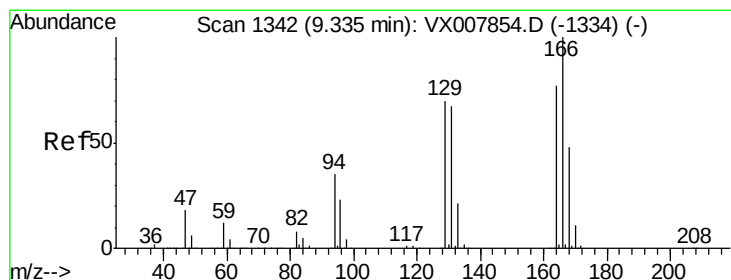
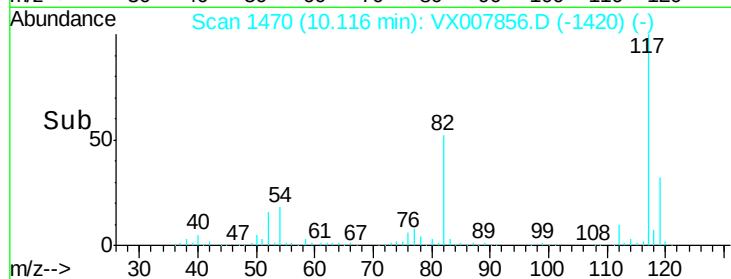
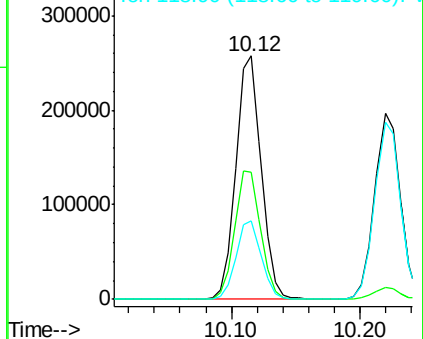
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX007856.D
Acq: 06 Mar 2019 11:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:117 Resp: 352398
Ion Ratio Lower Upper
117 100
82 52.2 44.3 66.5
119 32.5 25.3 37.9



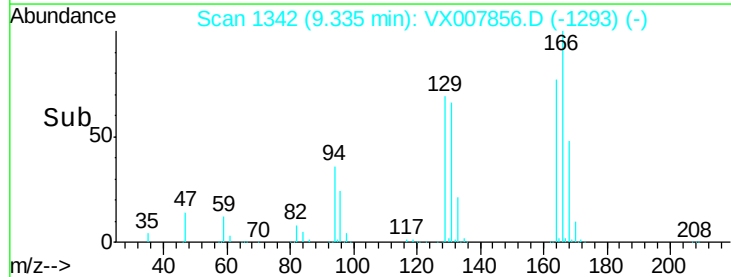
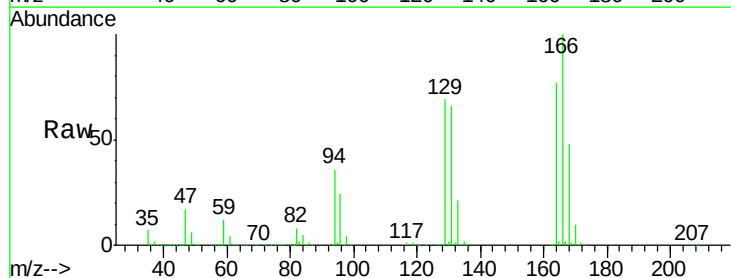
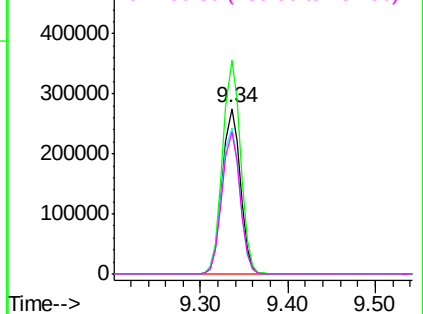
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

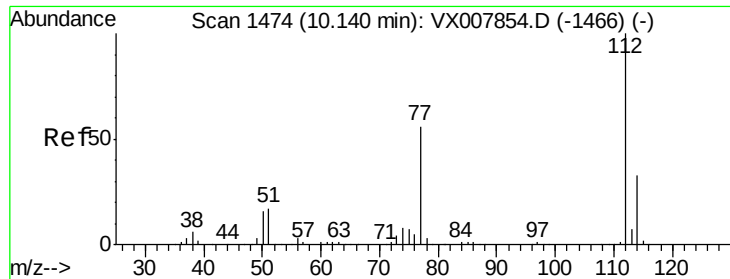


#64
Tetrachloroethene
Concen: 134.037 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007856.D
Acq: 06 Mar 2019 11:53

Tgt Ion:164 Resp: 391427
Ion Ratio Lower Upper
164 100
166 129.2 103.4 155.0
129 88.6 72.2 108.4
131 85.8 69.4 104.2

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

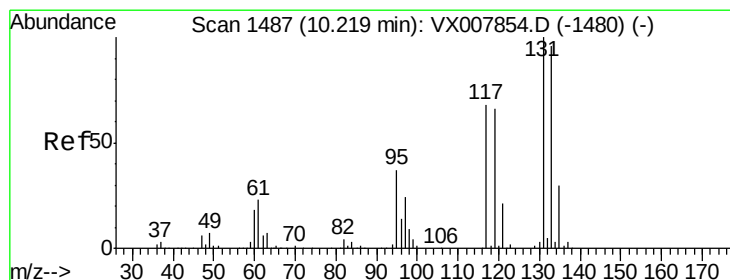
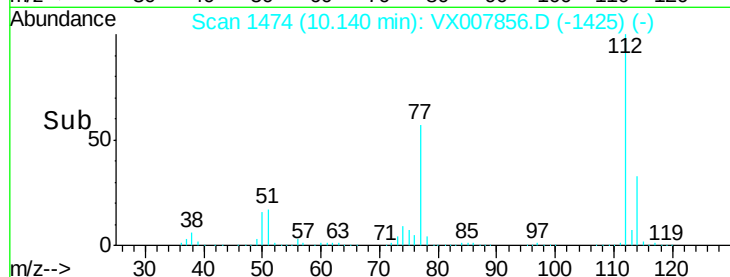
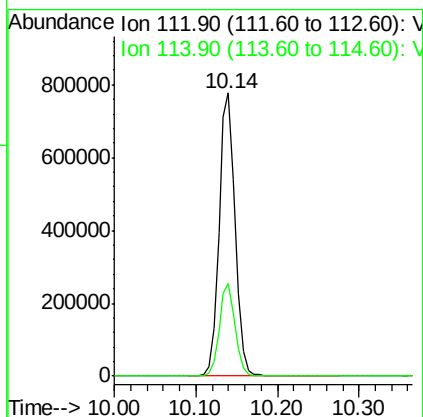
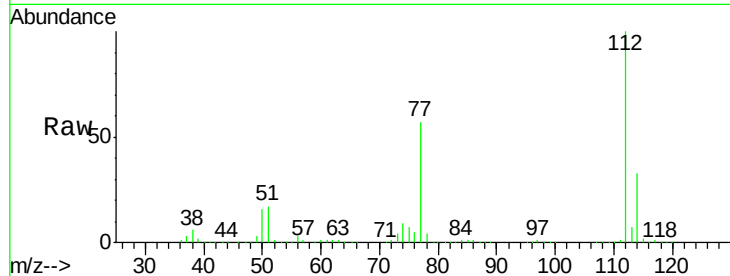




#65
Chlorobenzene
Concen: 144.678 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX007856.D
Acq: 06 Mar 2019 11:53

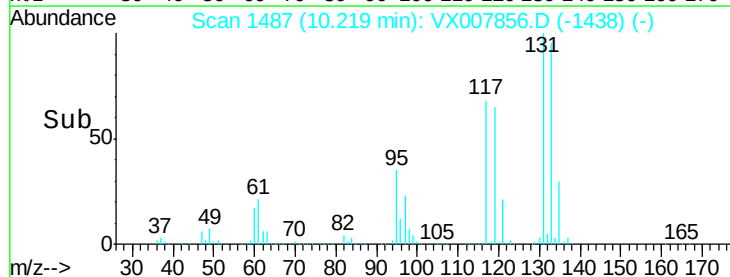
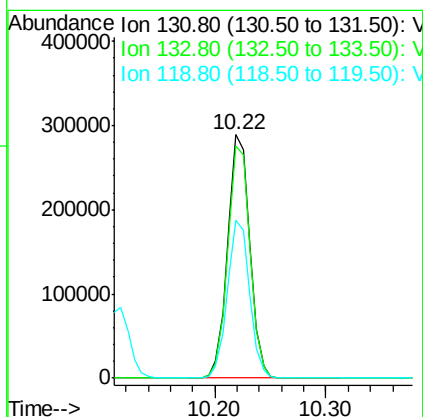
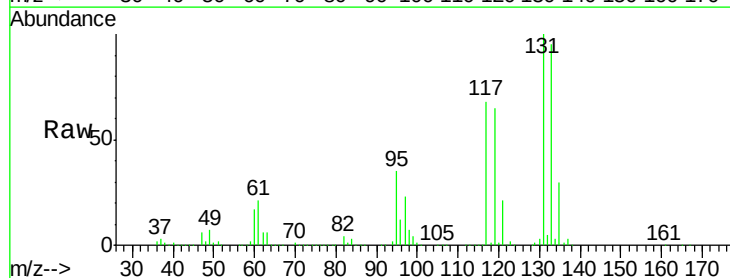
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

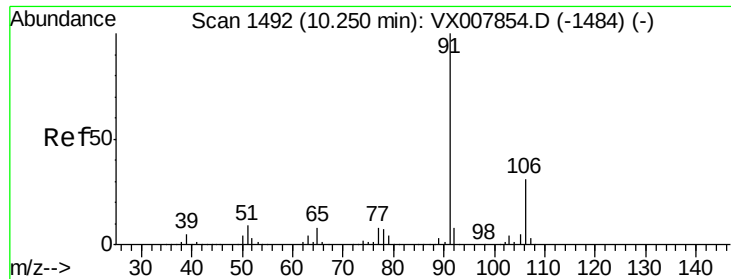
Tgt Ion:112 Resp: 1066886
Ion Ratio Lower Upper
112 100
114 32.5 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 149.975 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX007856.D
Acq: 06 Mar 2019 11:53

Tgt Ion:131 Resp: 396369
Ion Ratio Lower Upper
131 100
133 96.3 47.8 143.3
119 65.0 32.5 97.5

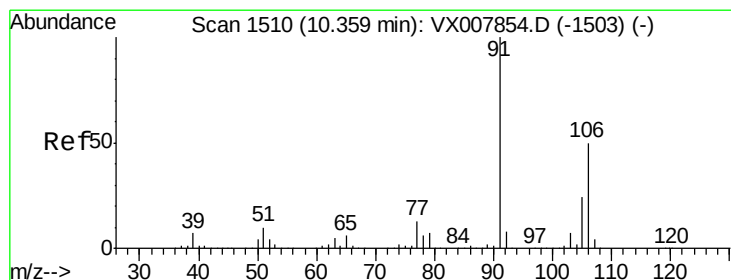
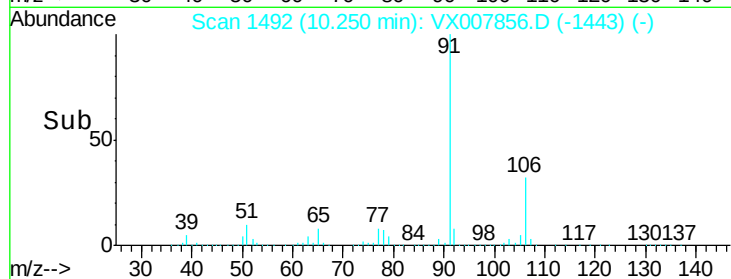
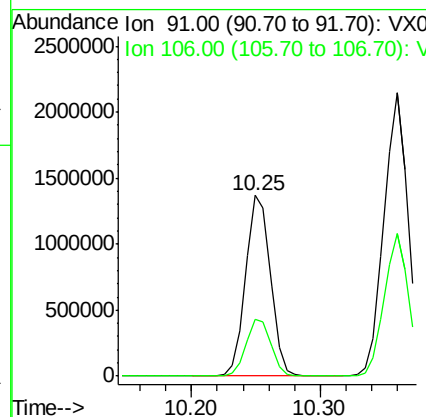
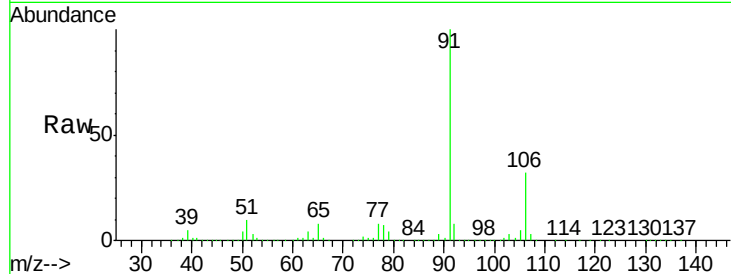




#67
Ethyl Benzene
Concen: 149.887 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX007856.D
Acq: 06 Mar 2019 11:53

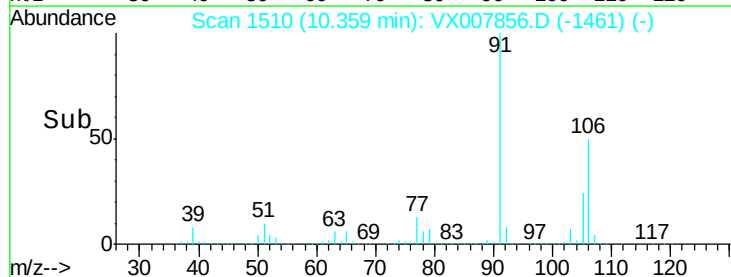
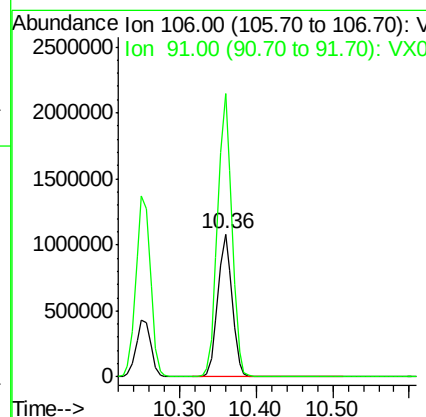
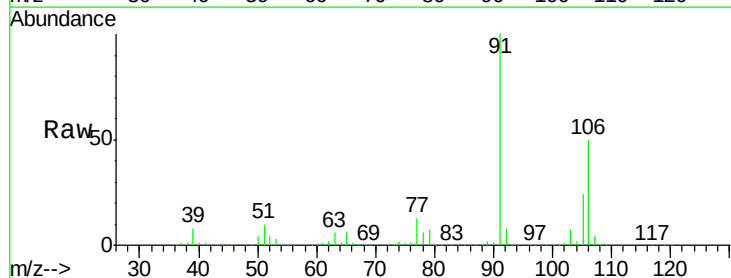
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

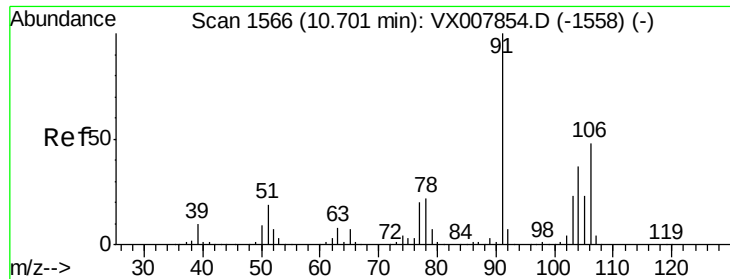
Tgt Ion: 91 Resp: 1819433
Ion Ratio Lower Upper
91 100
106 31.7 25.2 37.8



#68
m/p-Xylenes
Concen: 300.419 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX007856.D
Acq: 06 Mar 2019 11:53

Tgt Ion: 106 Resp: 1405620
Ion Ratio Lower Upper
106 100
91 198.8 159.8 239.6

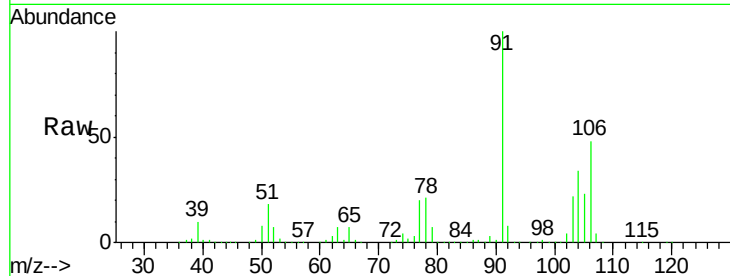




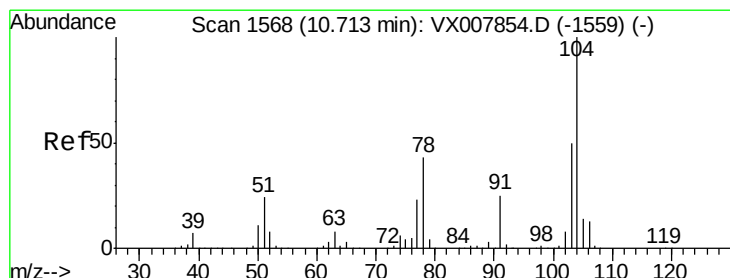
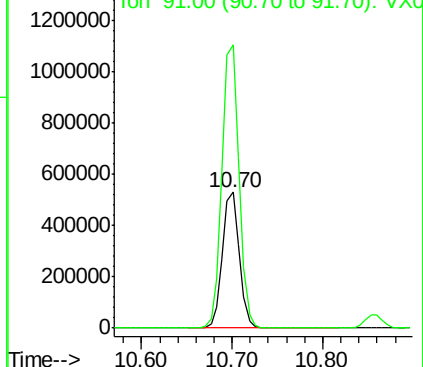
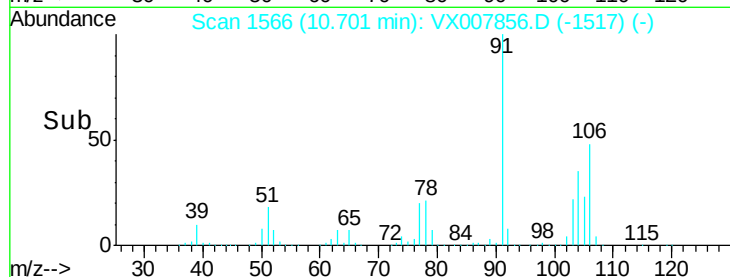
#69
o-Xylene
Concen: 152.116 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX007856.D
Acq: 06 Mar 2019 11:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:106 Resp: 687135
Ion Ratio Lower Upper
106 100
91 211.6 106.3 318.9

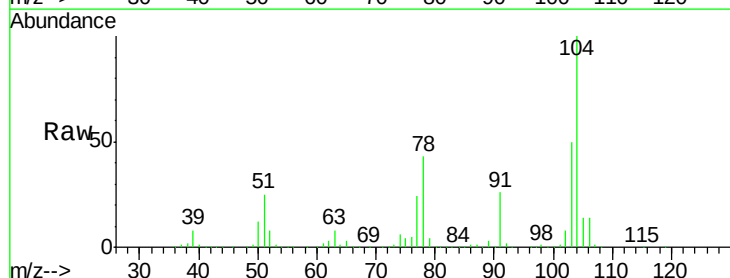


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

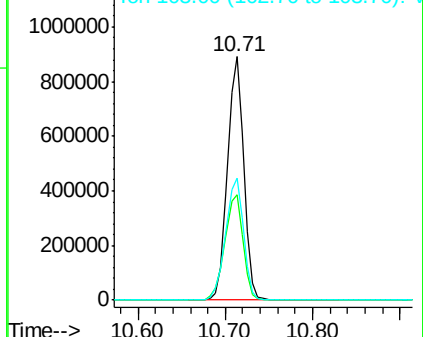
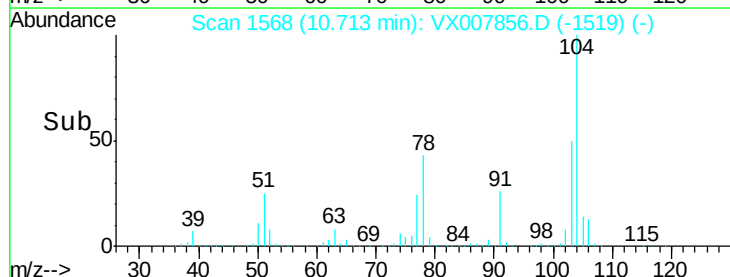


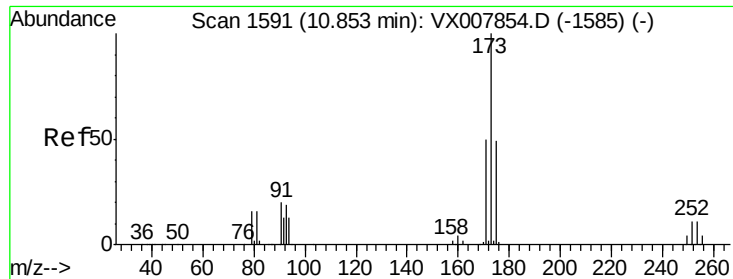
#70
Styrene
Concen: 155.427 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX007856.D
Acq: 06 Mar 2019 11:53

Tgt Ion:104 Resp: 1148889
Ion Ratio Lower Upper
104 100
78 48.7 38.5 57.7
103 55.3 44.1 66.1



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: 166.101 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.01 min

Lab File: VX007856.D

Acq: 06 Mar 2019 11:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

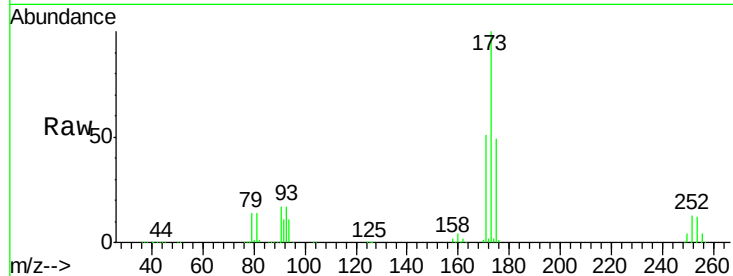
Tgt Ion:173 Resp: 376993

Ion Ratio Lower Upper

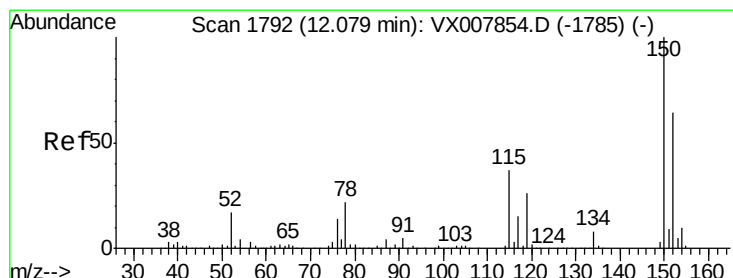
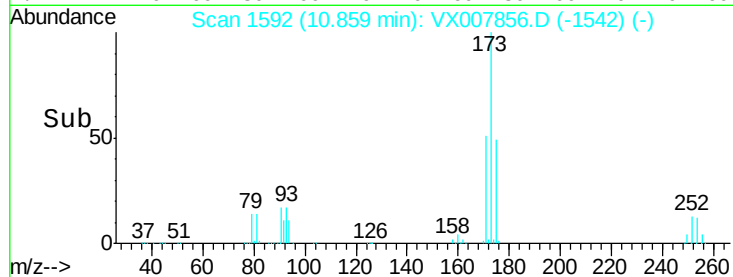
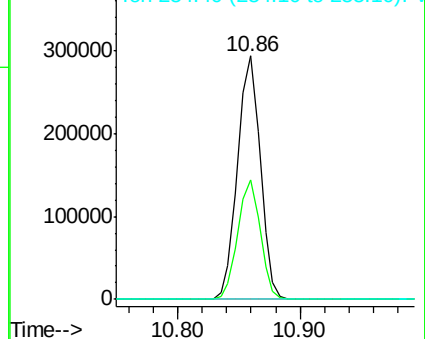
173 100

175 48.7 24.3 72.9

254 0.2 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX007856.D

Acq: 06 Mar 2019 11:53

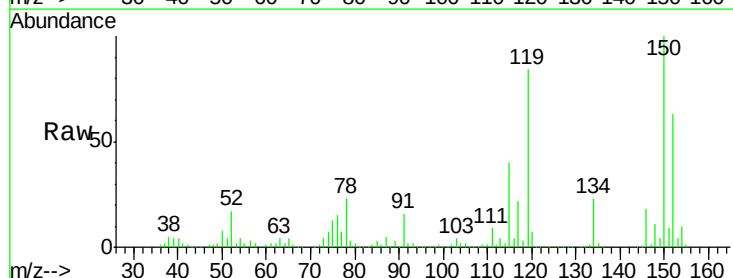
Tgt Ion:152 Resp: 194124

Ion Ratio Lower Upper

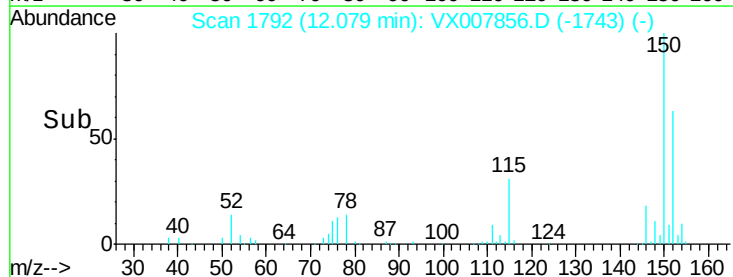
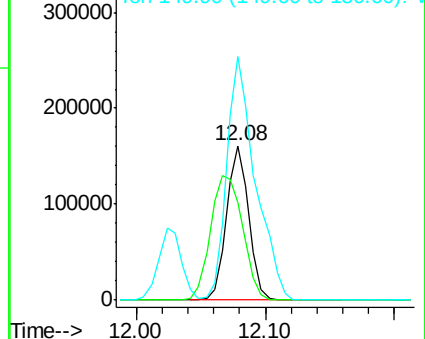
152 100

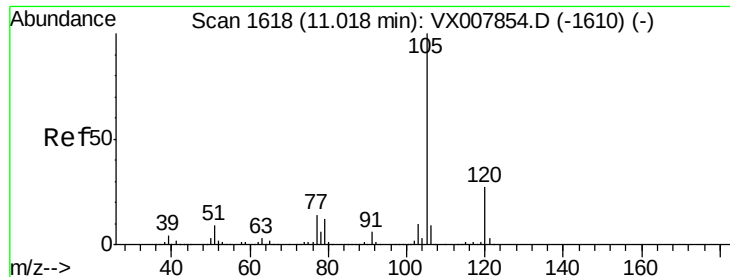
115 116.8 38.6 115.7#

150 203.7 0.0 348.4



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

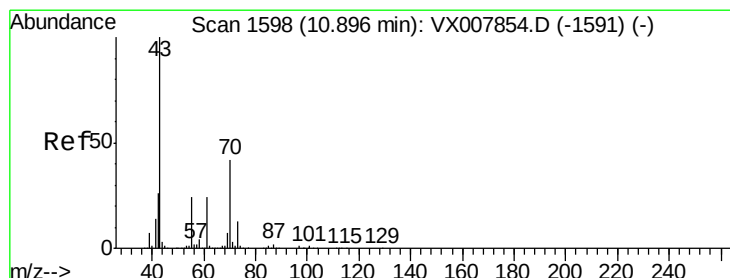
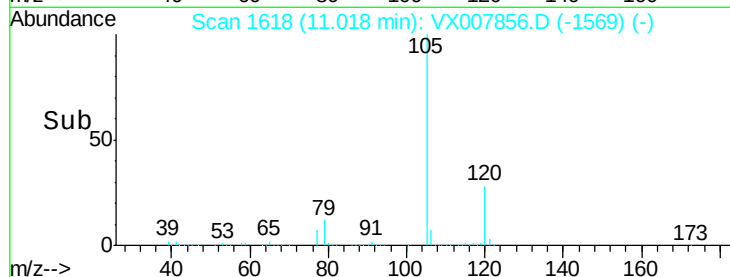
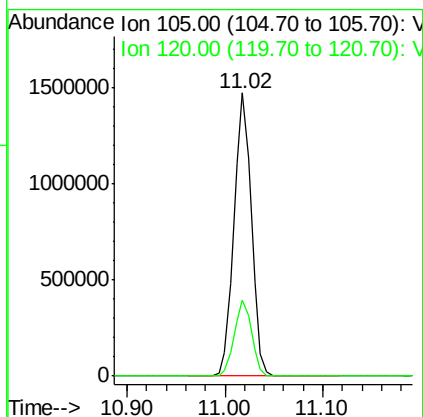
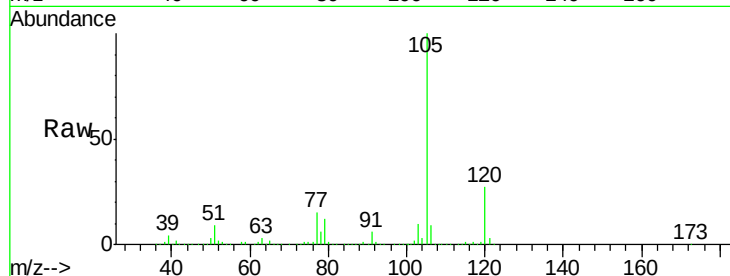




#73
Isopropylbenzene
Concen: 138.731 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX007856.D
Acq: 06 Mar 2019 11:53

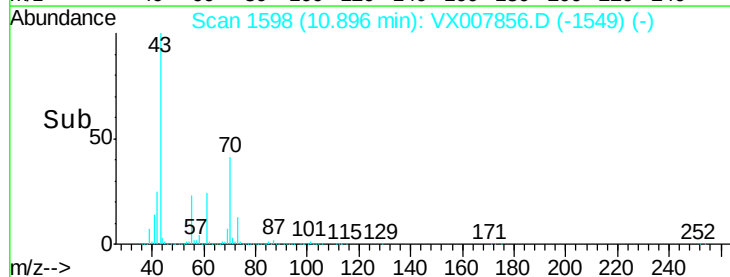
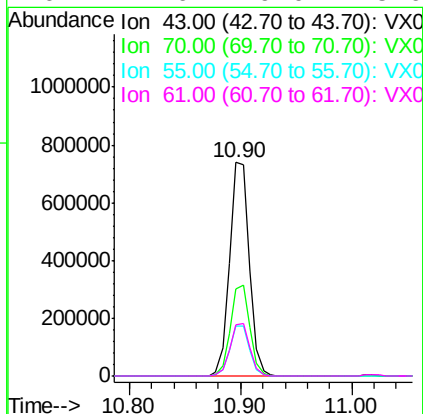
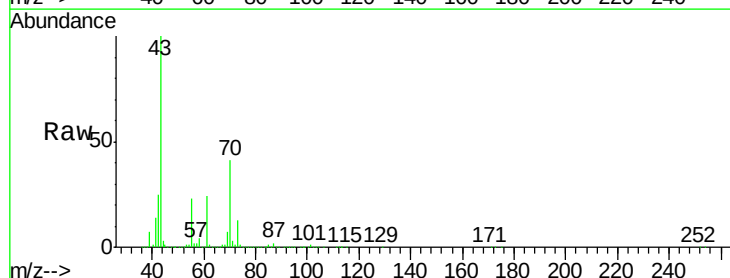
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

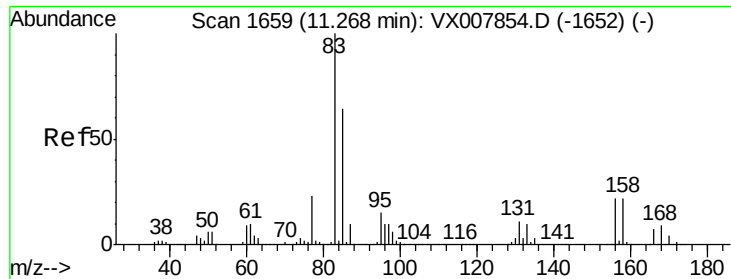
Tgt Ion: 105 Resp: 1821386
Ion Ratio Lower Upper
105 100
120 26.9 13.4 40.1



#74
N-ethyl acetate
Concen: 150.147 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. 0.00 min
Lab File: VX007856.D
Acq: 06 Mar 2019 11:53

Tgt Ion: 43 Resp: 899932
Ion Ratio Lower Upper
43 100
70 42.0 33.5 50.3
55 23.6 19.2 28.8
61 24.6 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 138.040 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX007856.D

Acq: 06 Mar 2019 11:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

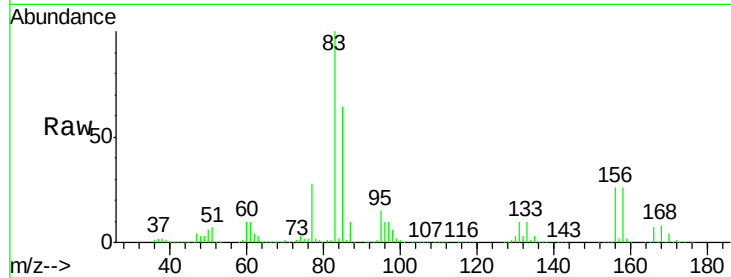
Tgt Ion: 83 Resp: 625136

Ion Ratio Lower Upper

83 100

131 10.6 5.4 16.2

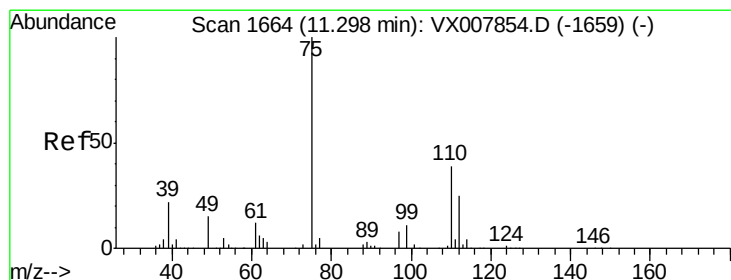
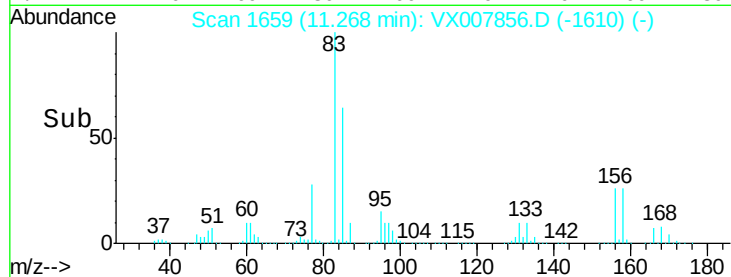
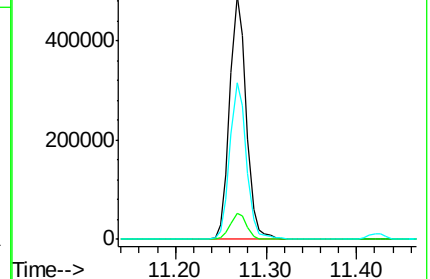
85 64.4 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 182.082 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX007856.D

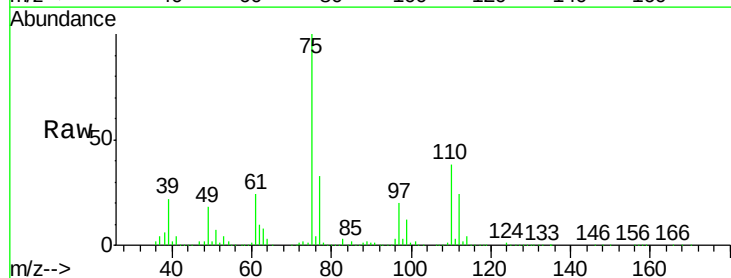
Acq: 06 Mar 2019 11:53

Tgt Ion: 75 Resp: 747881

Ion Ratio Lower Upper

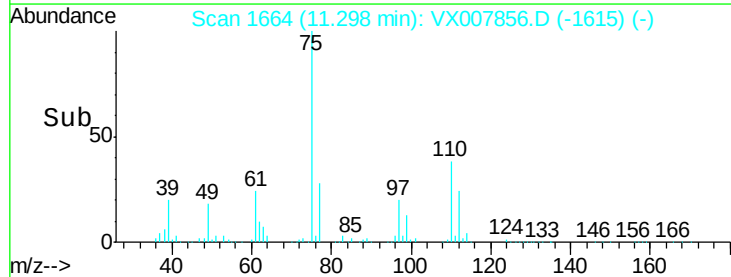
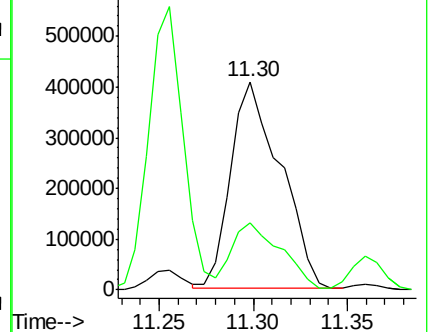
75 100

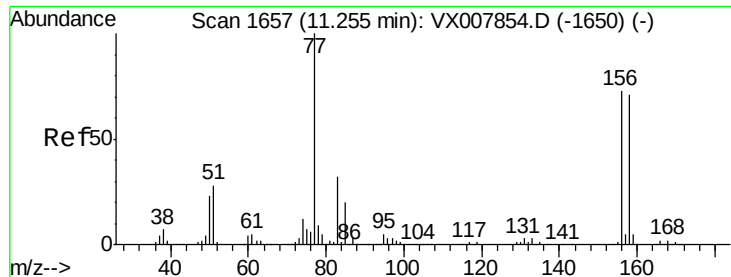
77 32.2 18.9 56.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 136.890 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX007856.D

Acq: 06 Mar 2019 11:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

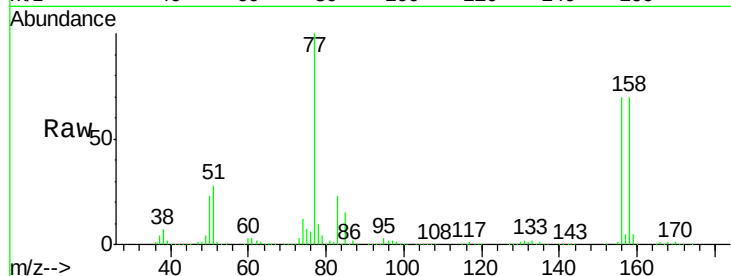
Tgt Ion:156 Resp: 492735

Ion Ratio Lower Upper

156 100

77 146.4 72.0 215.9

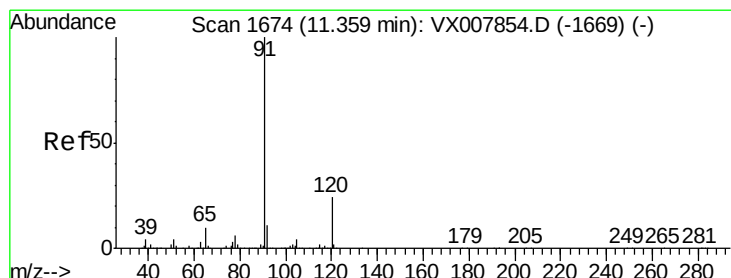
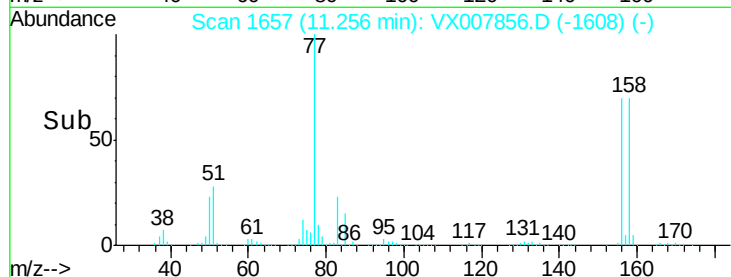
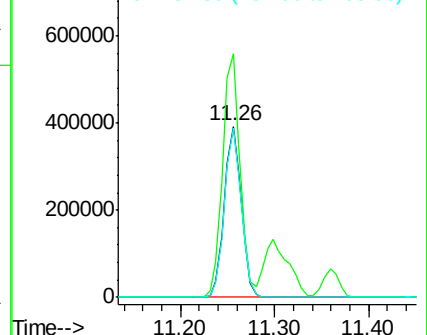
158 98.1 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 143.219 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX007856.D

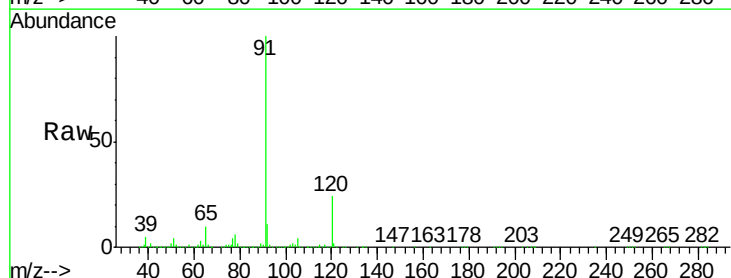
Acq: 06 Mar 2019 11:53

Tgt Ion: 91 Resp: 2085981

Ion Ratio Lower Upper

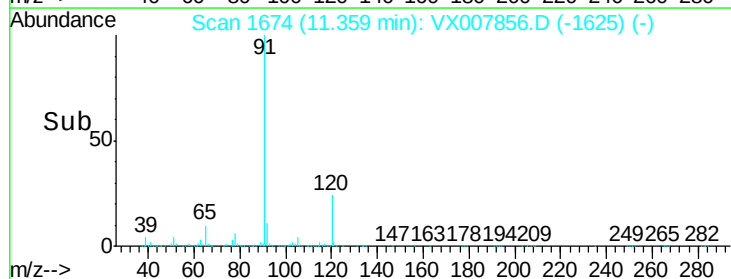
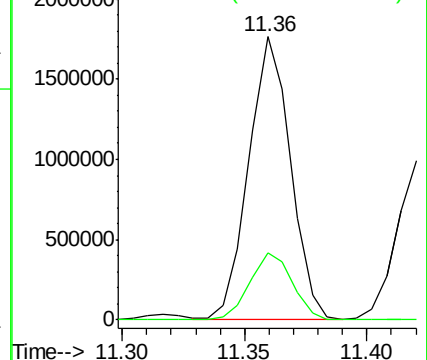
91 100

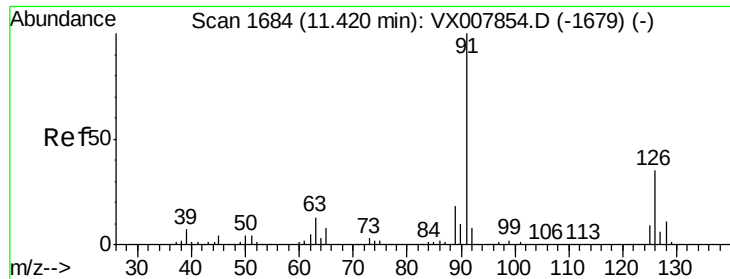
120 24.1 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 137.999 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX007856.D

Acq: 06 Mar 2019 11:53

Instrument :

MSVOA_X

ClientSampleId :

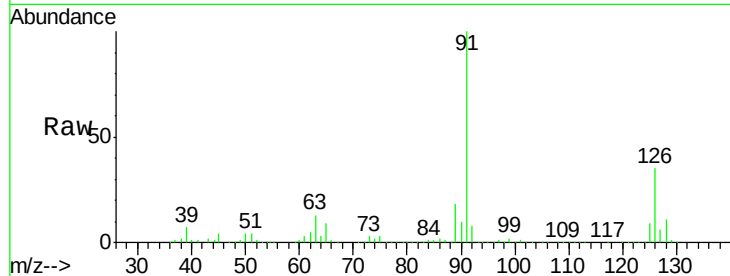
VSTDIC150

Tgt Ion: 91 Resp: 1228931

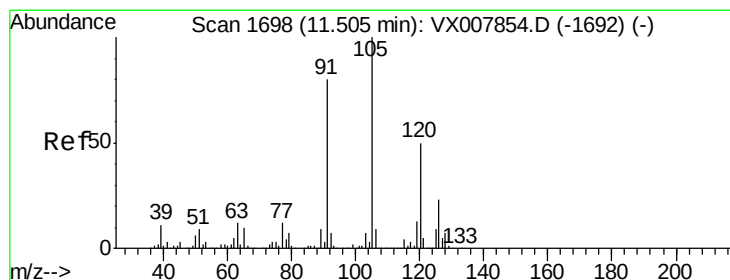
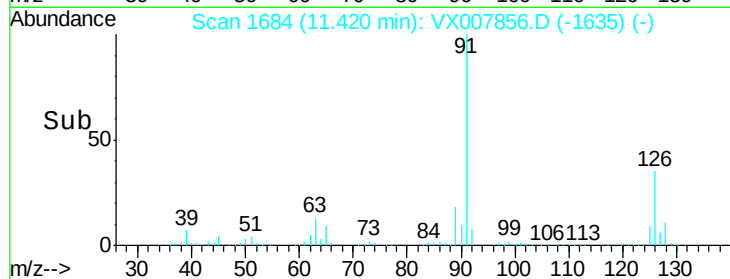
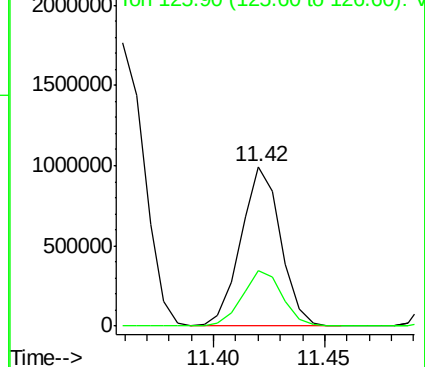
Ion Ratio Lower Upper

91 100

126 35.4 17.5 52.6



Abundance Ion 91.00 (90.70 to 91.70): VX007856.D (-1679) (-)



#80

1,3,5-Trimethylbenzene

Concen: 142.809 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX007856.D

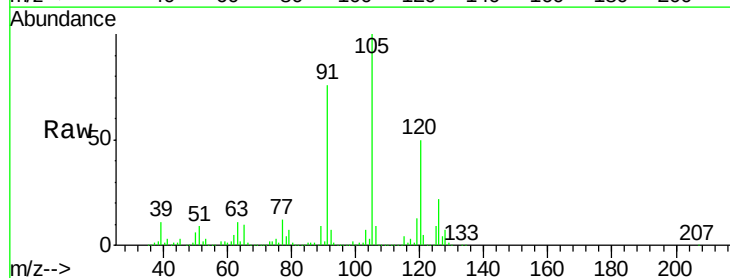
Acq: 06 Mar 2019 11:53

Tgt Ion: 105 Resp: 1543160

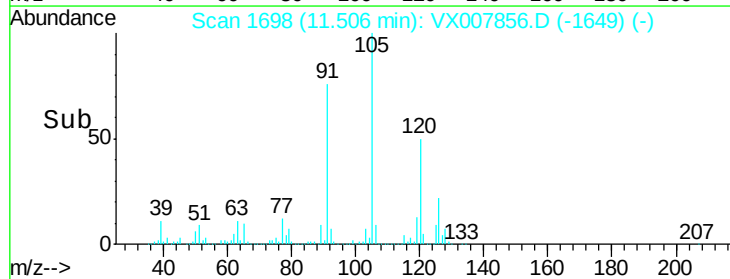
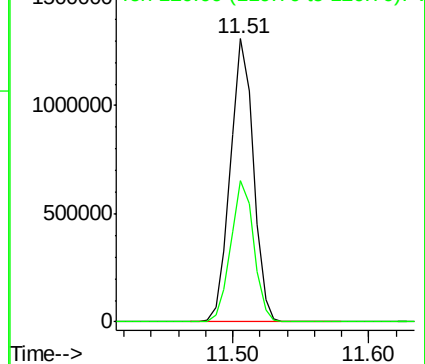
Ion Ratio Lower Upper

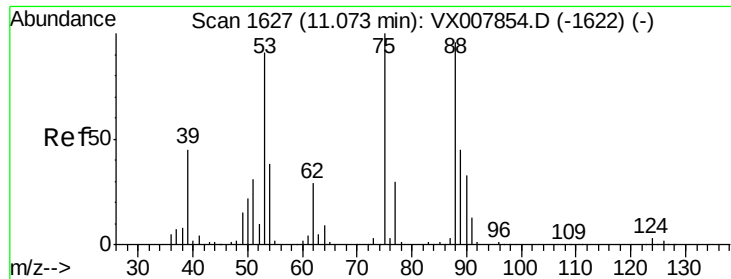
105 100

120 49.8 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VX007856.D (-1692) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 169.581 ug/l

RT: 11.08 min Scan# 1628

Delta R.T. 0.01 min

Lab File: VX007856.D

Acq: 06 Mar 2019 11:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

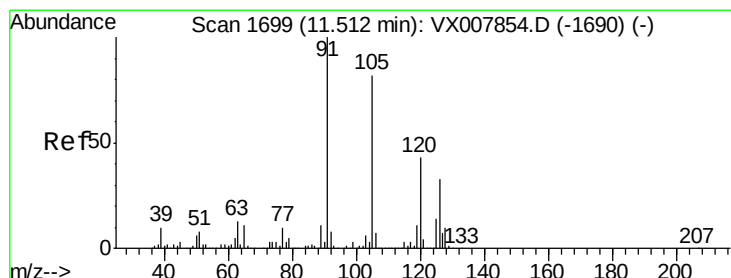
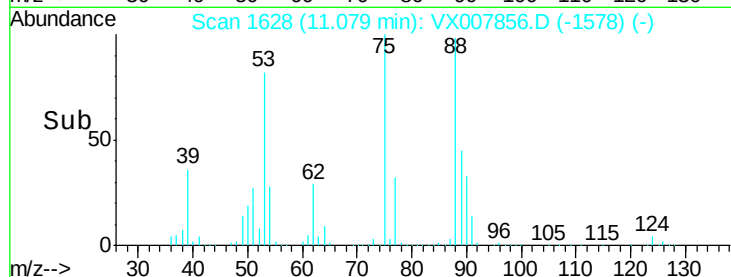
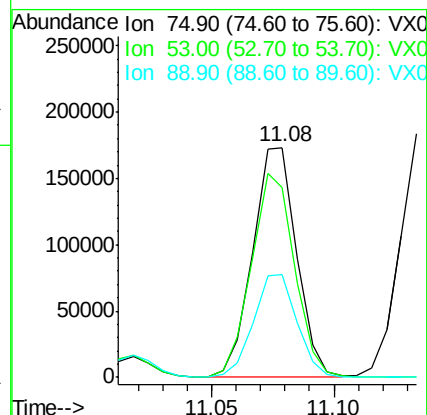
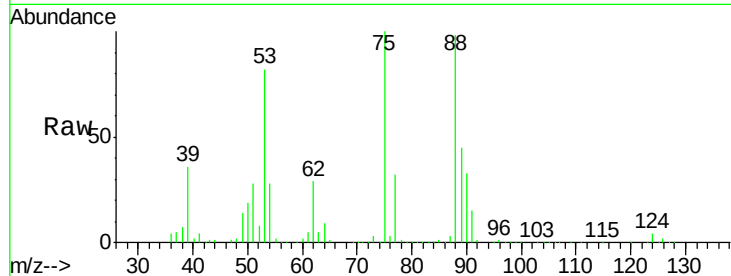
Tgt Ion: 75 Resp: 216110

Ion Ratio Lower Upper

75 100

53 88.0 76.1 114.1

89 44.8 36.3 54.5



#82

4-Chlorotoluene

Concen: 141.860 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX007856.D

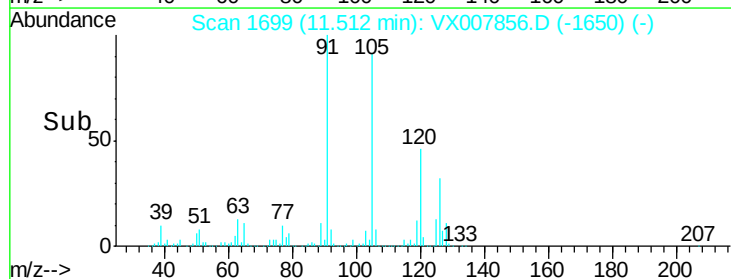
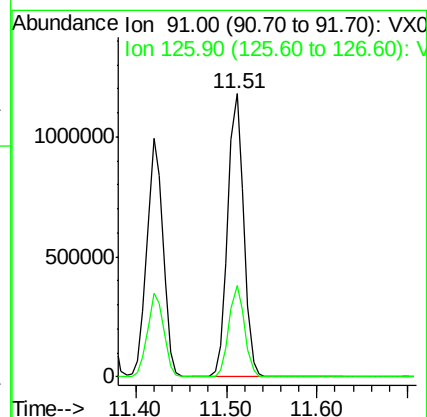
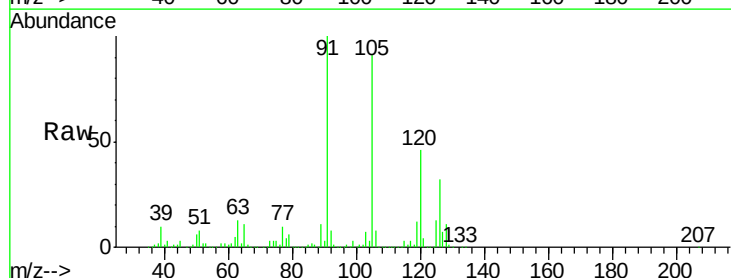
Acq: 06 Mar 2019 11:53

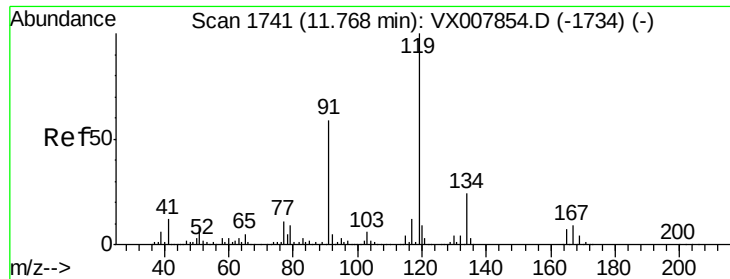
Tgt Ion: 91 Resp: 1447761

Ion Ratio Lower Upper

91 100

126 31.4 15.6 46.8

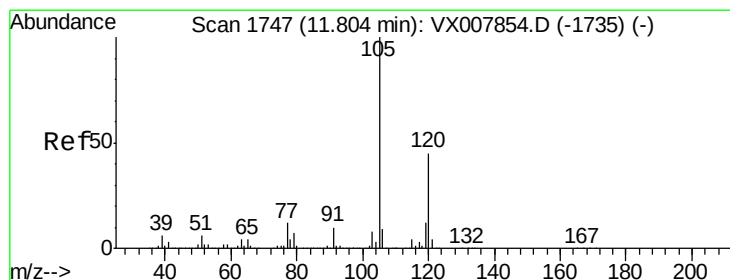
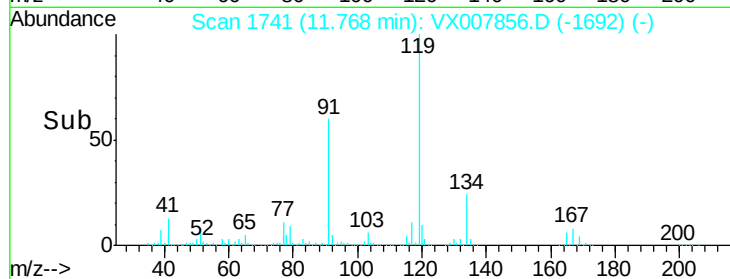
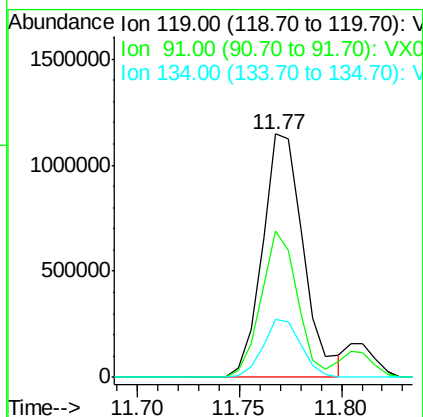
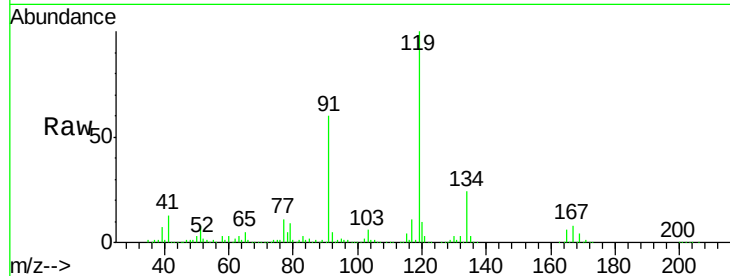




#83
 tert-Butylbenzene
 Concen: 147.136 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX007856.D
 Acq: 06 Mar 2019 11:53

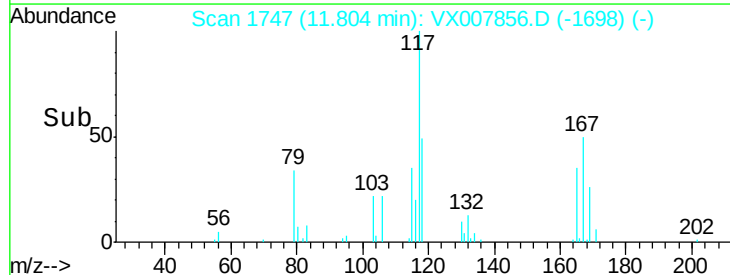
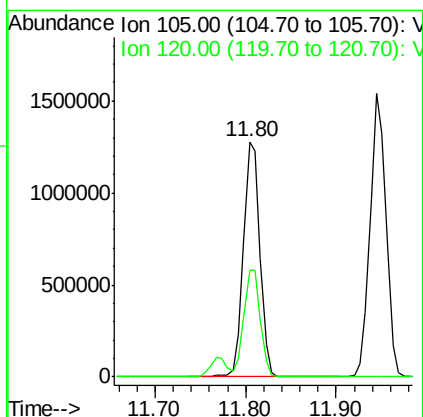
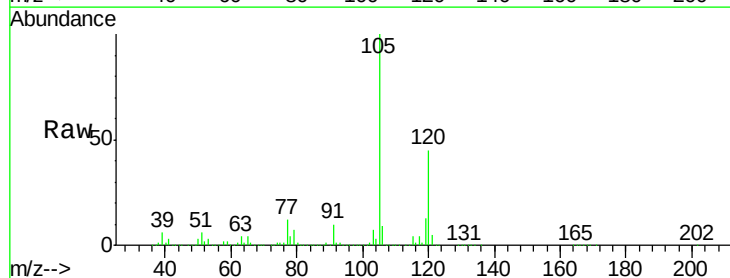
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

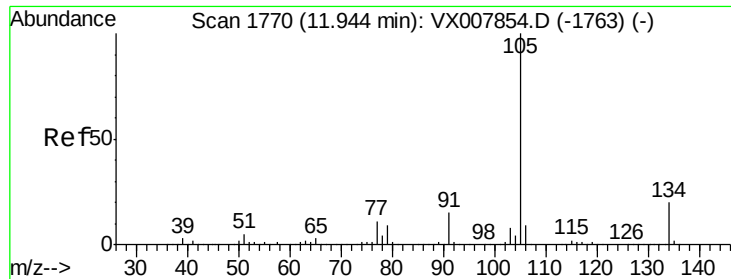
Tgt Ion:119 Resp: 1601517
 Ion Ratio Lower Upper
 119 100
 91 53.2 27.1 81.3
 134 22.3 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 144.663 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX007856.D
 Acq: 06 Mar 2019 11:53

Tgt Ion:105 Resp: 1602472
 Ion Ratio Lower Upper
 105 100
 120 45.5 22.6 67.7





#85

sec-Butylbenzene

Concen: 146.094 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX007856.D

Acq: 06 Mar 2019 11:53

Instrument :

MSVOA_X

ClientSampleId :

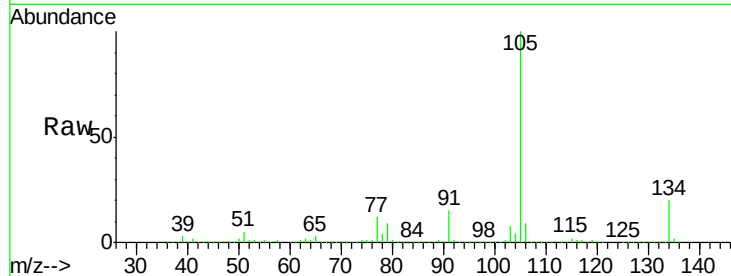
VSTDIC150

Tgt Ion:105 Resp: 1872840

Ion Ratio Lower Upper

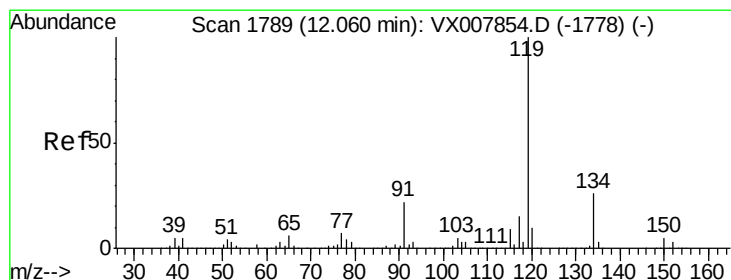
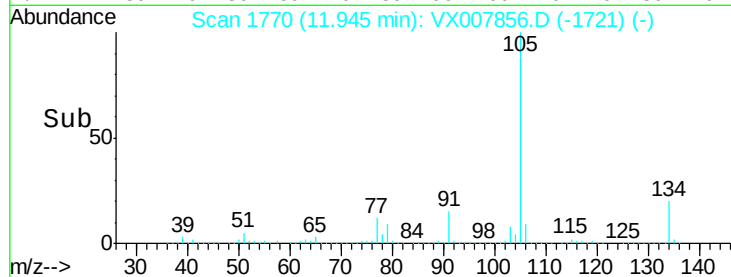
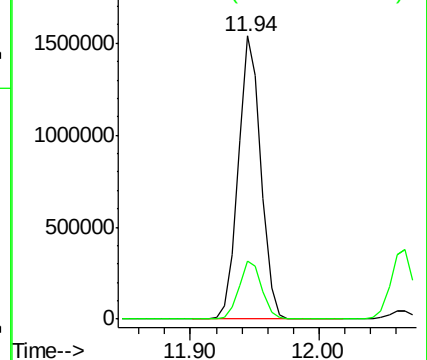
105 100

134 20.8 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 148.598 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.01 min

Lab File: VX007856.D

Acq: 06 Mar 2019 11:53

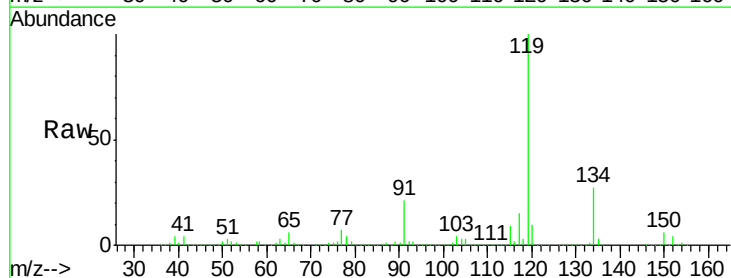
Tgt Ion:119 Resp: 1706012

Ion Ratio Lower Upper

119 100

134 26.6 13.3 39.9

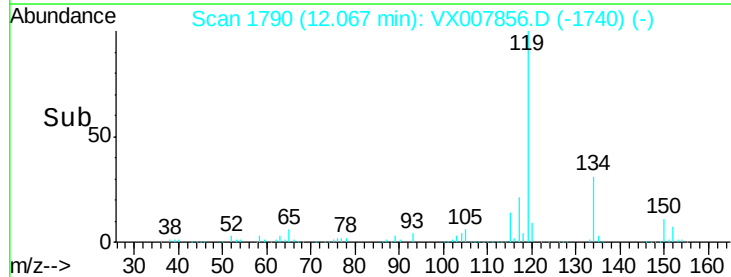
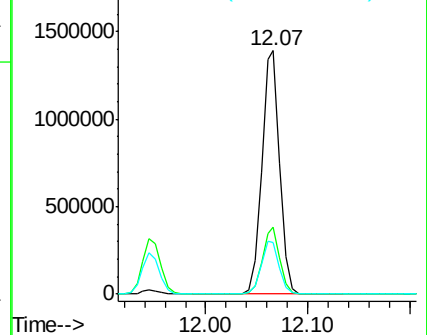
91 21.9 10.9 32.7

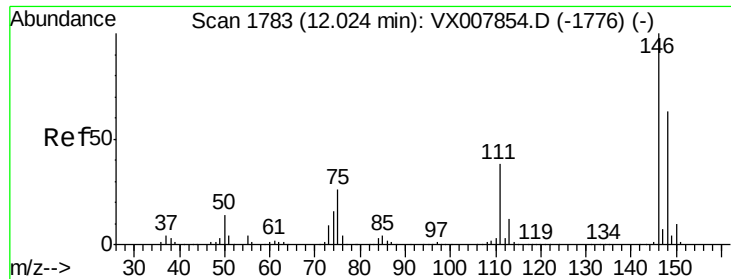


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

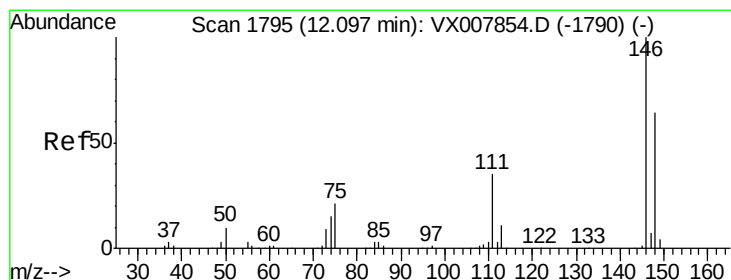
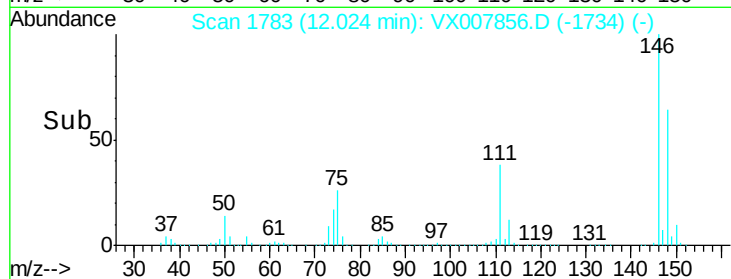
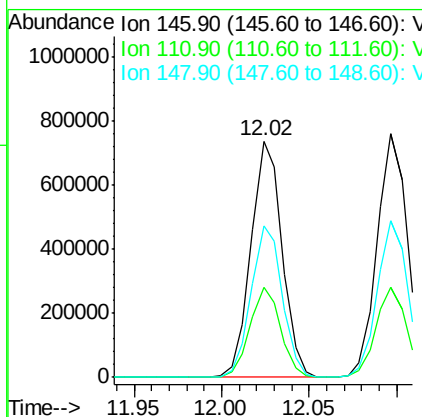
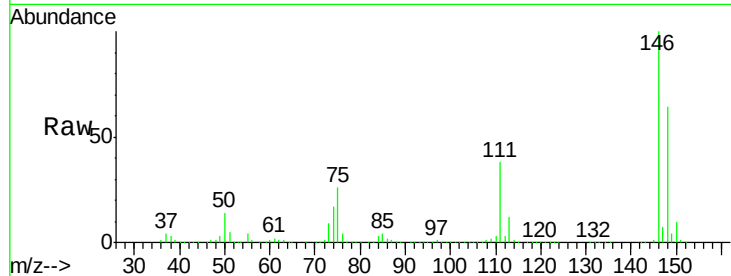




#87
 1,3-Dichlorobenzene
 Concen: 143.150 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX007856.D
 Acq: 06 Mar 2019 11:53

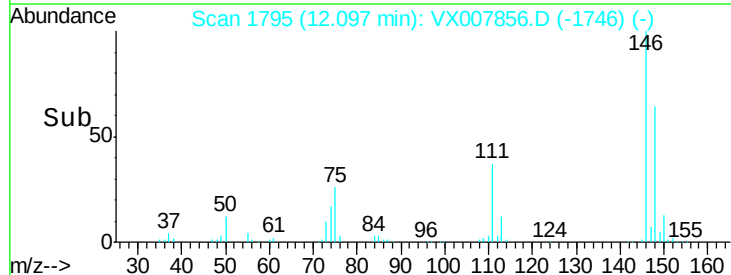
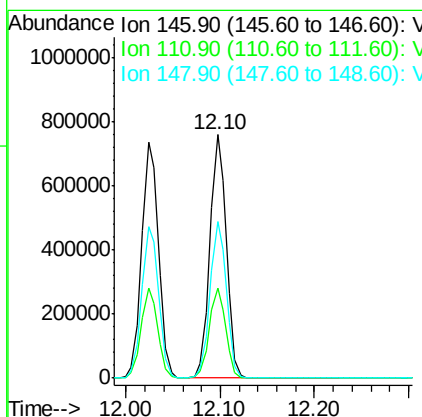
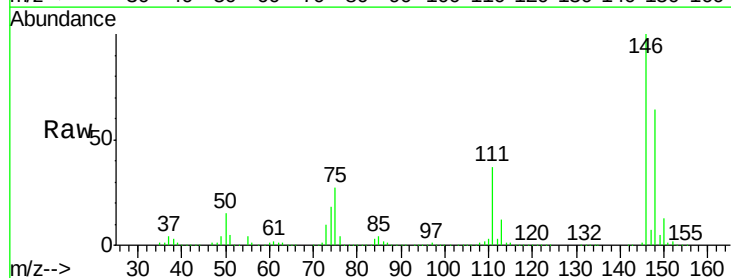
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

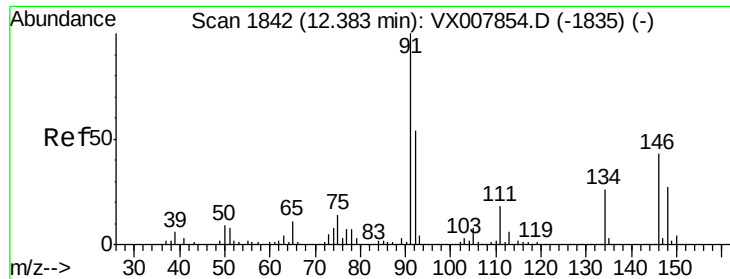
Tgt Ion:146 Resp: 911578
 Ion Ratio Lower Upper
 146 100
 111 37.7 18.9 56.7
 148 64.3 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 140.084 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX007856.D
 Acq: 06 Mar 2019 11:53

Tgt Ion:146 Resp: 914260
 Ion Ratio Lower Upper
 146 100
 111 36.8 18.4 55.0
 148 64.5 32.2 96.6

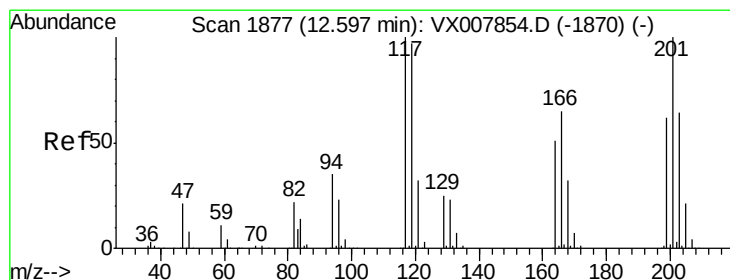
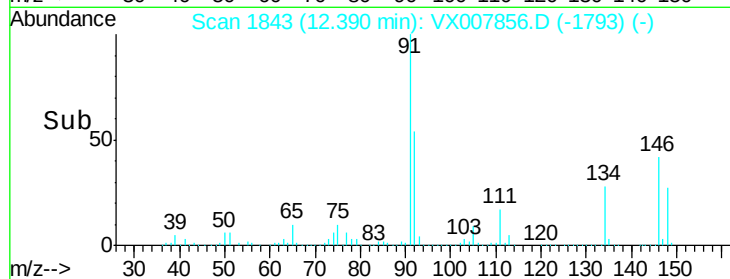
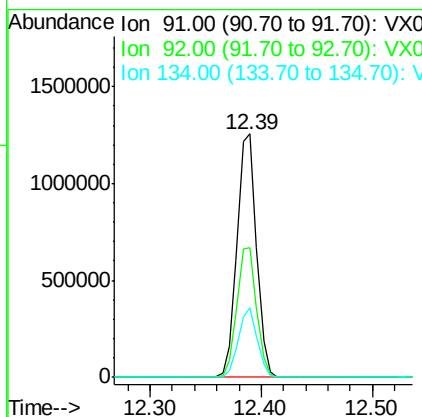
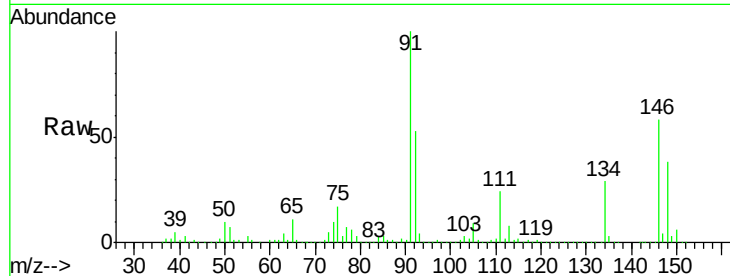




#89
n-Butylbenzene
Concen: 156.648 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.01 min
Lab File: VX007856.D
Acq: 06 Mar 2019 11:53

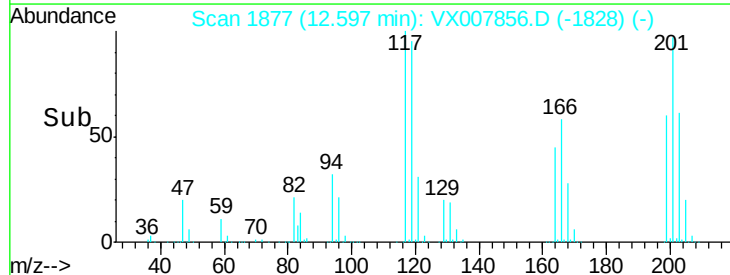
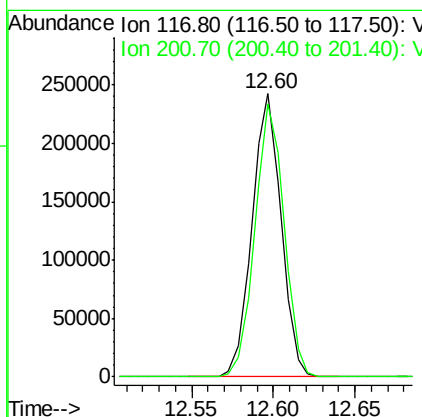
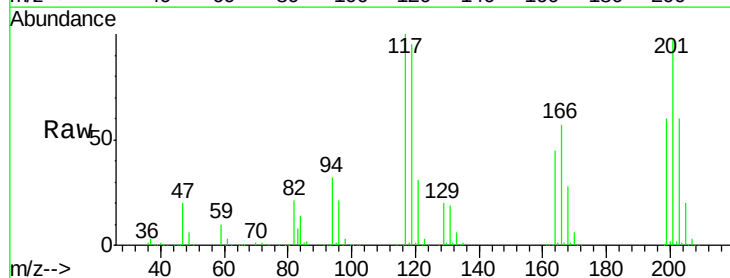
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

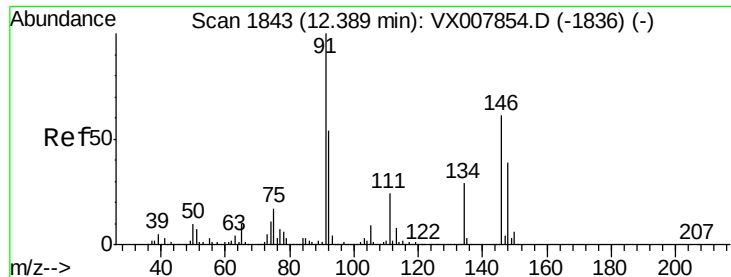
Tgt Ion: 91 Resp: 1523657
Ion Ratio Lower Upper
91 100
92 53.7 27.0 80.8
134 27.4 13.7 41.0



#90
Hexachloroethane
Concen: 156.614 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007856.D
Acq: 06 Mar 2019 11:53

Tgt Ion: 117 Resp: 300625
Ion Ratio Lower Upper
117 100
201 96.9 48.9 146.7

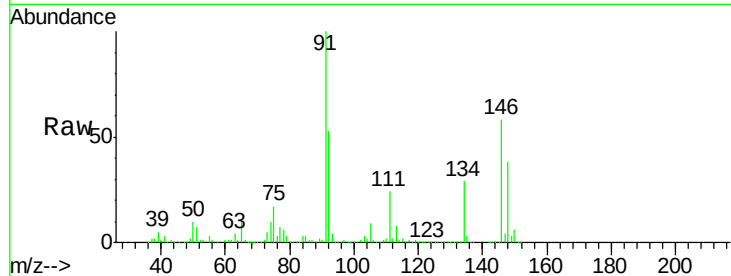




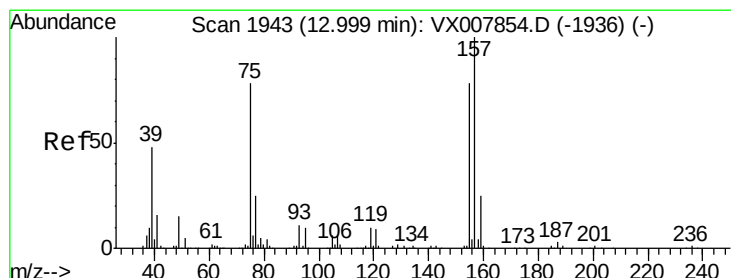
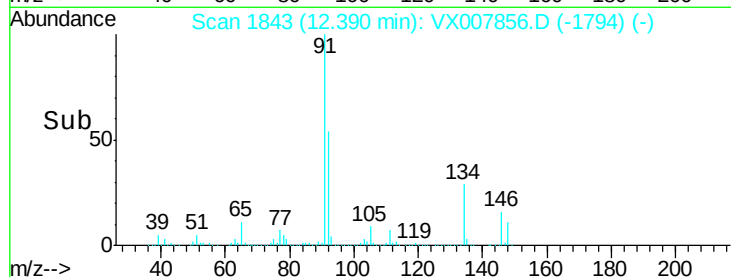
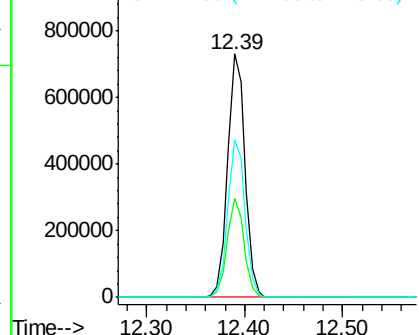
#91
 1,2-Dichlorobenzene
 Concen: 141.678 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX007856.D
 Acq: 06 Mar 2019 11:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion:146 Resp: 896276
 Ion Ratio Lower Upper
 146 100
 111 39.6 19.6 58.8
 148 64.5 31.9 95.5

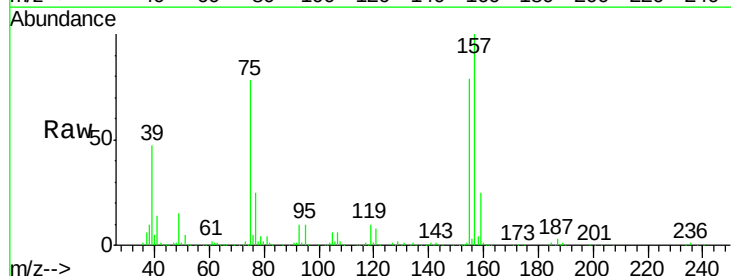


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

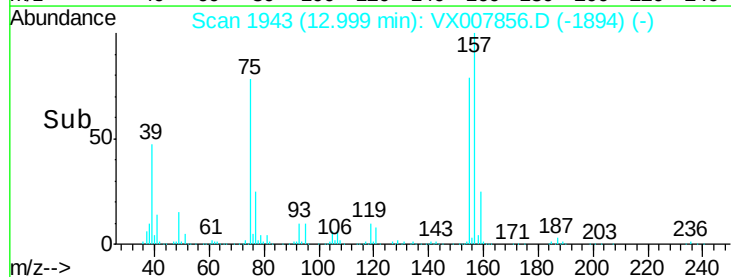
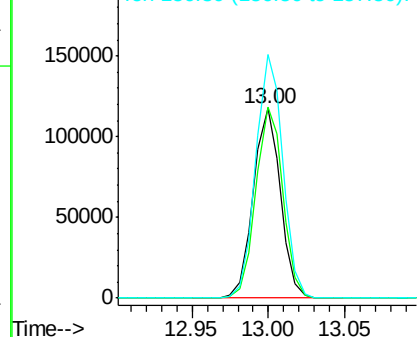


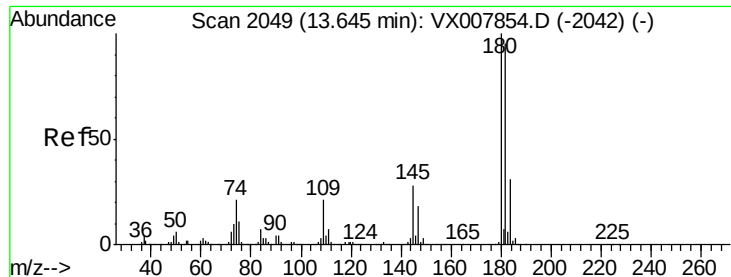
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 152.432 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX007856.D
 Acq: 06 Mar 2019 11:53

Tgt Ion: 75 Resp: 144269
 Ion Ratio Lower Upper
 75 100
 155 100.8 49.7 149.1
 157 128.7 63.8 191.4



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

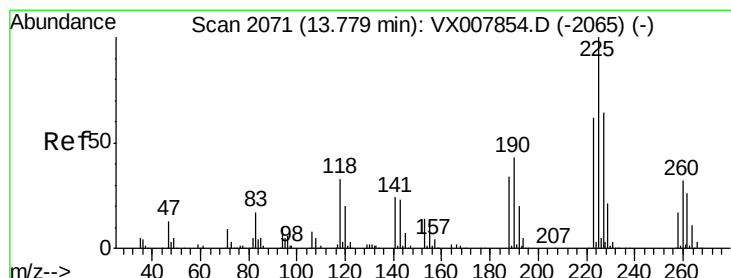
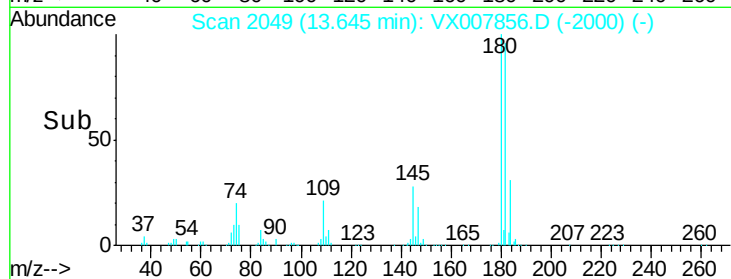
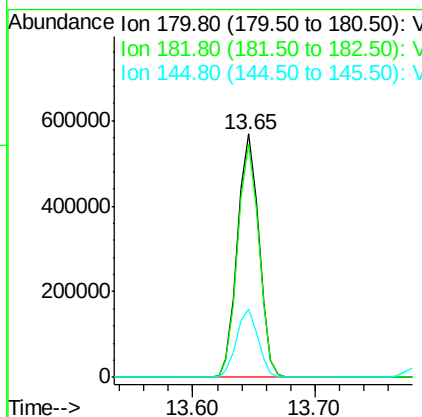
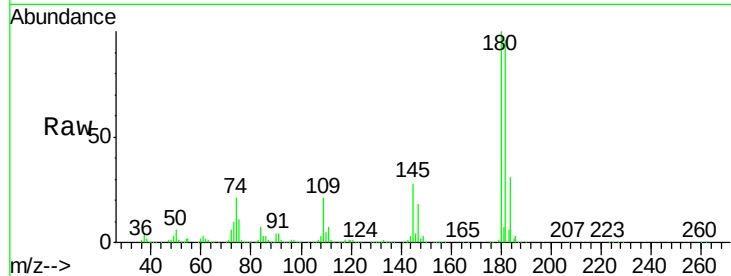




#93
 1,2,4-Trichlorobenzene
 Concen: 154.139 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX007856.D
 Acq: 06 Mar 2019 11:53

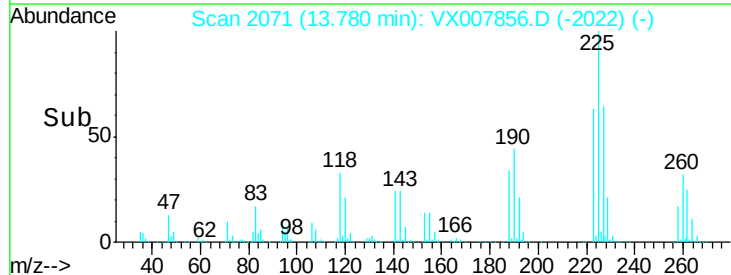
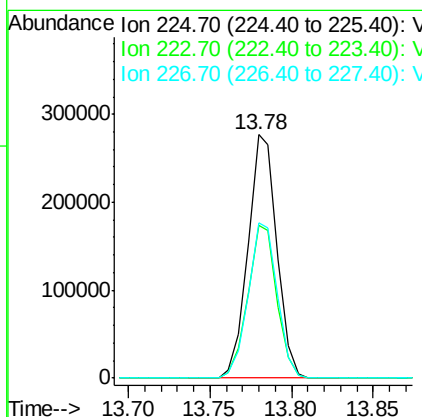
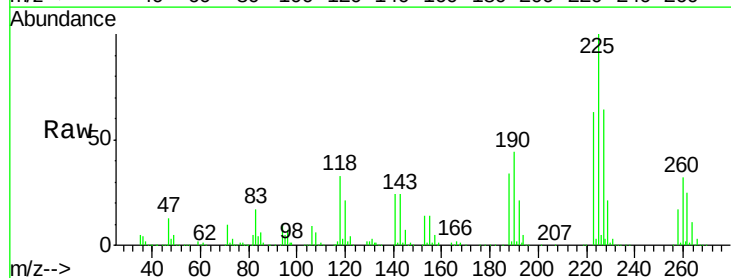
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

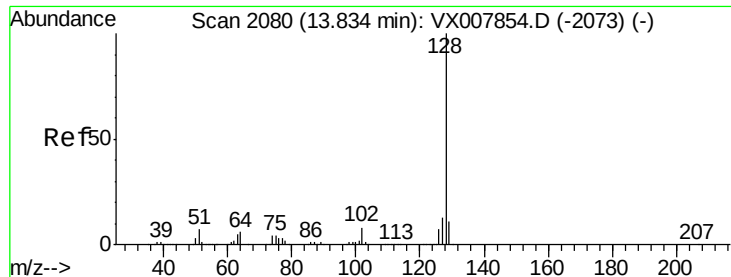
Tgt Ion:180 Resp: 685007
 Ion Ratio Lower Upper
 180 100
 182 95.5 47.9 143.7
 145 28.0 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 147.421 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX007856.D
 Acq: 06 Mar 2019 11:53

Tgt Ion:225 Resp: 342529
 Ion Ratio Lower Upper
 225 100
 223 62.9 31.1 93.2
 227 64.1 32.0 96.0





#95

Naphthalene

Concen: 155.375 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX007856.D

Acq: 06 Mar 2019 11:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

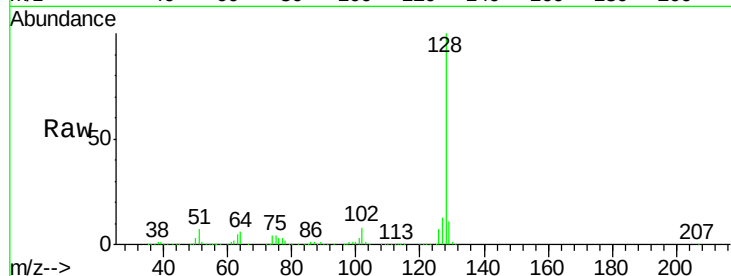
Tgt Ion:128 Resp: 1989567

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

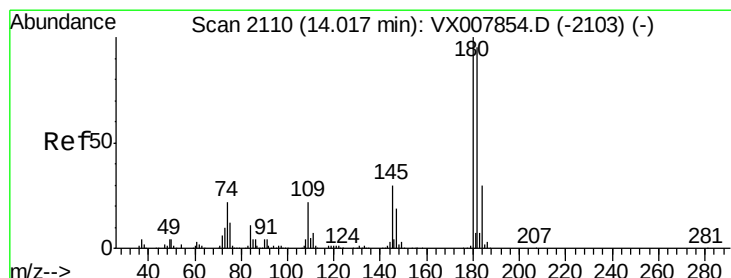
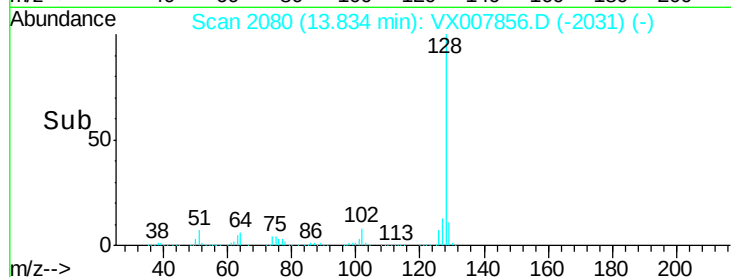
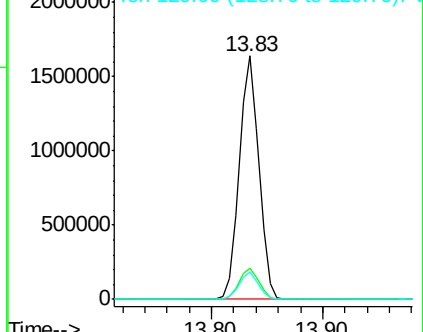
129 11.1 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 149.576 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX007856.D

Acq: 06 Mar 2019 11:53

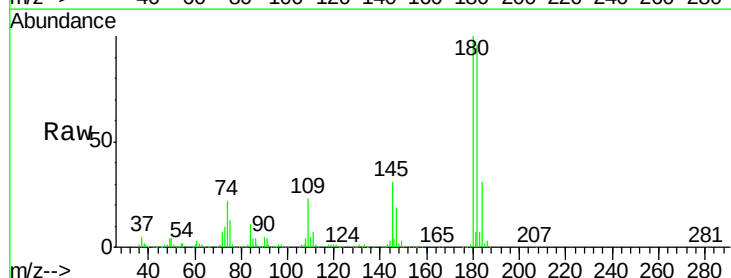
Tgt Ion:180 Resp: 662184

Ion Ratio Lower Upper

180 100

182 96.2 47.5 142.5

145 30.1 14.8 44.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

