

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082219\
 Data File : VX011749.D
 Acq On : 22 Aug 2019 09:19
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Aug 23 01:23:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 01:19:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	357049	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	504581	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	481517	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	266474	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	21603	6.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	12.70%	
35) Dibromofluoromethane	5.49	113	18814	5.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.26%	
50) Toluene-d8	8.71	98	57268	5.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.68%	
62) 4-Bromofluorobenzene	11.13	95	26247	5.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.84%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.19	85	16247	4.675 ug/l	98
3) Chloromethane	1.32	50	17011	4.771 ug/l	95
4) Vinyl Chloride	1.40	62	16442	5.106 ug/l	94
5) Bromomethane	1.63	94	9672	6.476 ug/l	98
6) Chloroethane	1.71	64	9666	6.027 ug/l #	83
7) Trichlorofluoromethane	1.92	101	27183	5.927 ug/l	96
8) Diethyl Ether	2.18	74	9220	5.913 ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	16768	5.370 ug/l	98
10) Methyl Iodide	2.50	142	16040	3.706 ug/l	94
11) Tert butyl alcohol	3.04	59	18249	22.990 ug/l #	83
12) 1,1-Dichloroethene	2.36	96	15195	5.052 ug/l	96
13) Acrolein	2.29	56	7770	28.657 ug/l	98
14) Allyl chloride	2.72	41	23545	4.718 ug/l	94
15) Acrylonitrile	3.14	53	45060	24.678 ug/l	99
16) Acetone	2.44	43	43814	26.452 ug/l	97
17) Carbon Disulfide	2.56	76	35643	4.951 ug/l	100
18) Methyl Acetate	2.77	43	21830	4.333 ug/l	100
19) Methyl tert-butyl Ether	3.19	73	48620	4.973 ug/l	98
20) Methylene Chloride	2.85	84	18670	5.378 ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	17442	5.434 ug/l	98
22) Diisopropyl ether	3.85	45	47749	4.856 ug/l	96
23) Vinyl Acetate	3.81	43	199433	25.420 ug/l	97
24) 1,1-Dichloroethane	3.69	63	28613	5.091 ug/l	99
25) 2-Butanone	4.67	43	63425	24.899 ug/l	98
26) 2,2-Dichloropropane	4.57	77	23504	5.473 ug/l	95
27) cis-1,2-Dichloroethene	4.59	96	19128	5.151 ug/l	95
28) Bromochloromethane	5.01	49	11791	4.756 ug/l	87
29) Tetrahydrofuran	5.12	42	38872	23.228 ug/l	97
30) Chloroform	5.20	83	31544	5.314 ug/l	98
31) Cyclohexane	5.57	56	22633	4.672 ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	26549	5.177 ug/l	97
36) 1,1-Dichloropropene	5.79	75	22178	5.224 ug/l	99
37) Ethyl Acetate	4.82	43	24663	5.079 ug/l	99
38) Carbon Tetrachloride	5.78	117	22947	4.890 ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082219\
 Data File : VX011749.D
 Acq On : 22 Aug 2019 09:19
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Aug 23 01:23:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 01:19:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	24250	4.582	ug/l	95
40) Benzene	6.13	78	68240	5.182	ug/l	93
41) Methacrylonitrile	5.03	41	12139	4.569	ug/l #	91
42) 1,2-Dichloroethane	6.18	62	24368	5.293	ug/l	98
43) Isopropyl Acetate	6.44	43	34780	4.577	ug/l	99
44) Trichloroethene	7.21	130	20703	5.251	ug/l	92
45) 1,2-Dichloropropane	7.51	63	16394	4.989	ug/l	89
46) Dibromomethane	7.66	93	12746	5.292	ug/l	94
47) Bromodichloromethane	7.90	83	20964	4.757	ug/l	95
48) Methyl methacrylate	7.77	41	17479	4.650	ug/l	95
49) 1,4-Dioxane	7.74	88	9318	92.911	ug/l	92
51) 4-Methyl-2-Pentanone	8.64	43	120341	24.307	ug/l	99
52) Toluene	8.78	92	41439	4.906	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	20601	4.507	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	24282	4.865	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	17945	5.010	ug/l	97
56) Ethyl methacrylate	9.18	69	24092	4.633	ug/l	93
57) 1,3-Dichloropropane	9.37	76	28981	5.126	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	59202	22.607	ug/l	97
59) 2-Hexanone	9.49	43	94639	24.753	ug/l	95
60) Dibromochloromethane	9.58	129	17836	4.790	ug/l	98
61) 1,2-Dibromoethane	9.67	107	18884	4.932	ug/l	97
64) Tetrachloroethene	9.33	164	20051	5.038	ug/l	97
65) Chlorobenzene	10.13	112	52721	5.215	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.22	131	18734	4.942	ug/l	99
67) Ethyl Benzene	10.25	91	87177	5.119	ug/l	99
68) m/p-Xylenes	10.35	106	65680	10.041	ug/l	98
69) o-Xylene	10.69	106	32939	5.137	ug/l	99
70) Styrene	10.71	104	53806	5.011	ug/l	99
71) Bromoform	10.85	173	14486	4.502	ug/l #	99
73) Isopropylbenzene	11.02	105	87625	5.127	ug/l	98
74) N-amyl acetate	10.90	43	31728	4.425	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	28538	4.908	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	29934	6.028	ug/l	90
77) Bromobenzene	11.26	156	26540	5.249	ug/l	97
78) n-propylbenzene	11.36	91	93136	5.055	ug/l	98
79) 2-Chlorotoluene	11.42	91	59859	5.297	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	73527	5.121	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	6581	3.932	ug/l #	81
82) 4-Chlorotoluene	11.51	91	68121	5.190	ug/l	99
83) tert-Butylbenzene	11.77	119	73981	5.078	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	72624	5.045	ug/l	100
85) sec-Butylbenzene	11.94	105	83881	5.122	ug/l	99
86) p-Isopropyltoluene	12.06	119	79808	5.152	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	44706	5.121	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	45751	5.173	ug/l	95
89) n-Butylbenzene	12.38	91	62387	4.892	ug/l	99
90) Hexachloroethane	12.59	117	10546	4.307	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	46082	5.264	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	6086	4.535	ug/l	97

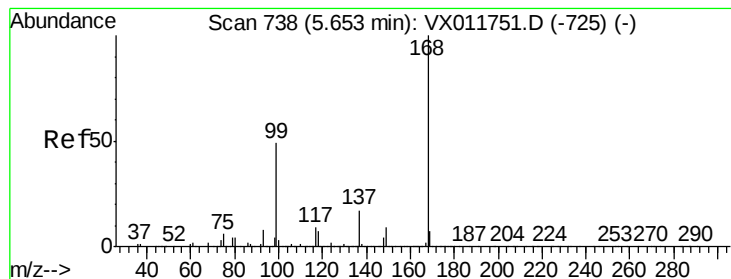
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082219\
Data File : VX011749.D
Acq On : 22 Aug 2019 09:19
Operator : JC/SP
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: Aug 23 01:23:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082219W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 23 01:19:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	31926	4.894	ug/l	98
94) Hexachlorobutadiene	13.78	225	18491	5.269	ug/l	99
95) Naphthalene	13.83	128	85170	4.661	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	32893	5.010	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.00 min

Lab File: VX011749.D

Acq: 22 Aug 2019 09:19

Instrument :

MSVOA_X

ClientSampleId :

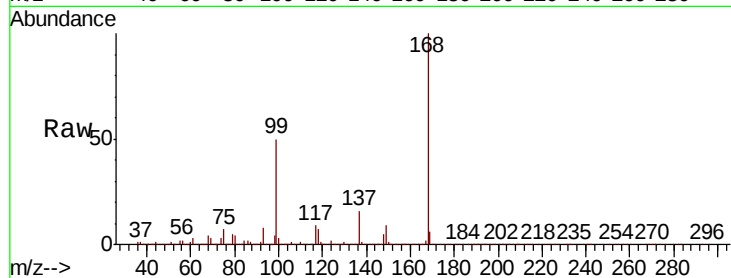
VSTDIC005

Tgt Ion:168 Resp: 357049

Ion Ratio Lower Upper

168 100

99 49.5 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

150000

100000

50000

0

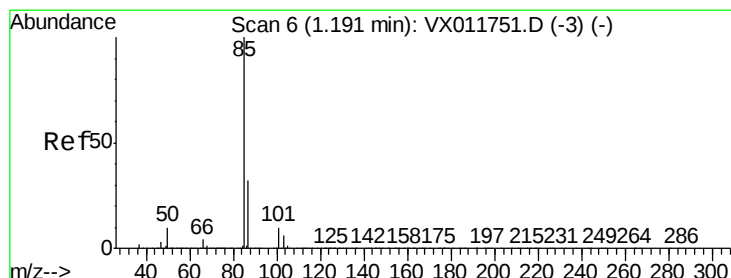
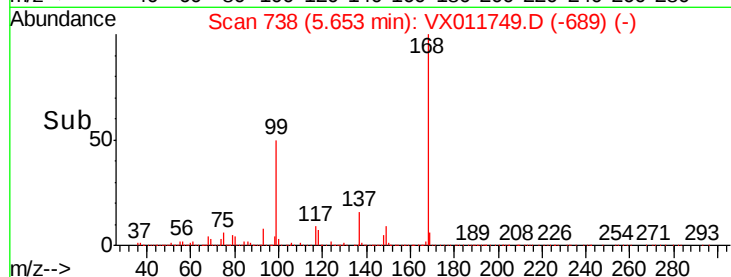
Time-->

5.50

5.60

5.70

5.80



#2

Dichlorodifluoromethane

Concen: 4.675 ug/l

RT: 1.19 min Scan# 6

Delta R.T. -0.00 min

Lab File: VX011749.D

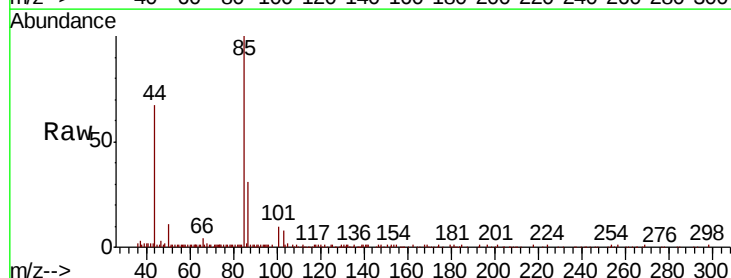
Acq: 22 Aug 2019 09:19

Tgt Ion: 85 Resp: 16247

Ion Ratio Lower Upper

85 100

87 30.8 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

20000

15000

10000

5000

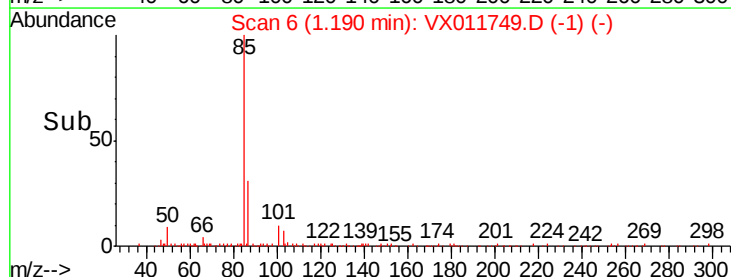
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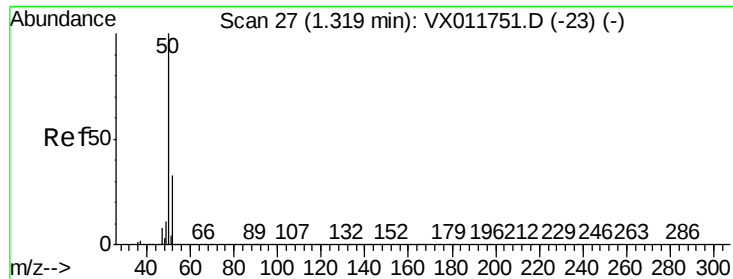
Time-->

1.15

1.20

1.25

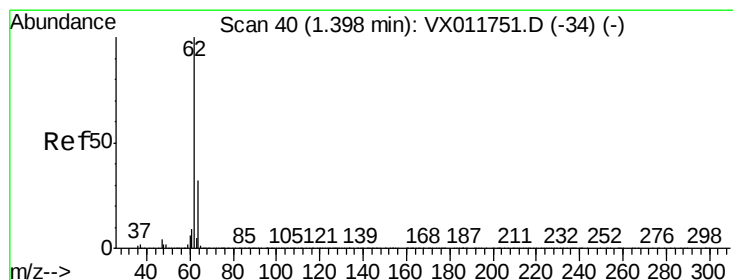
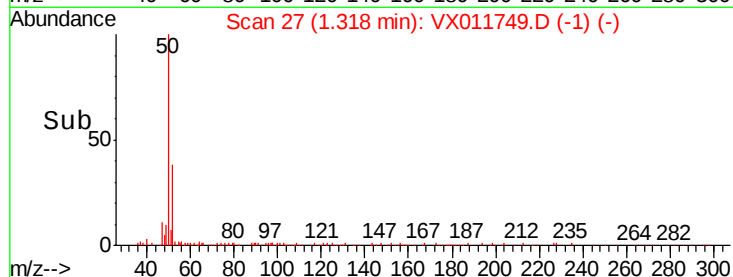
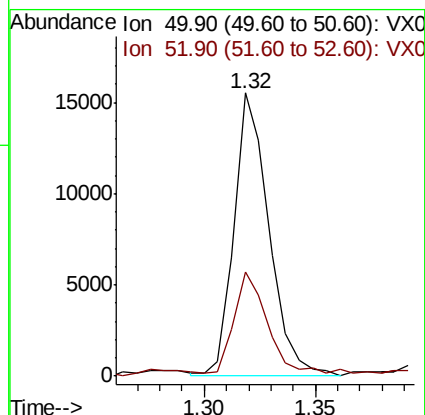
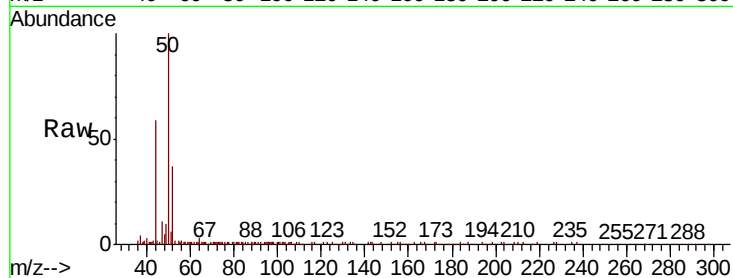




#3
Chloromethane
Concen: 4.771 ug/l
RT: 1.32 min Scan# 27
Delta R.T. -0.00 min
Lab File: VX011749.D
Acq: 22 Aug 2019 09:19

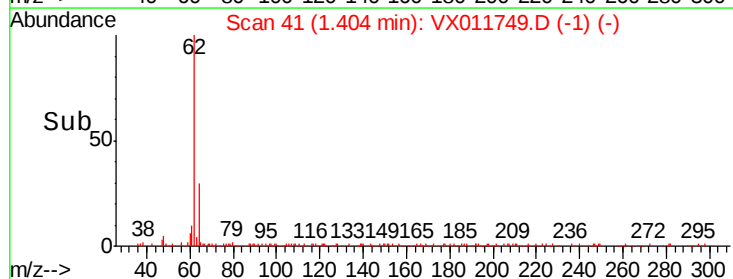
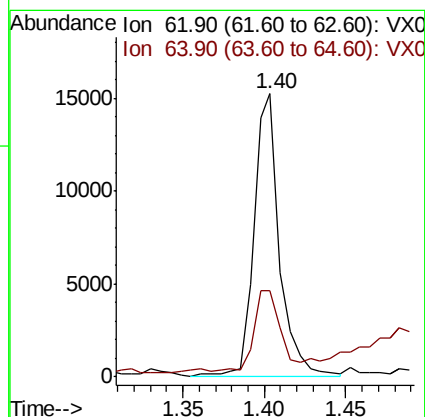
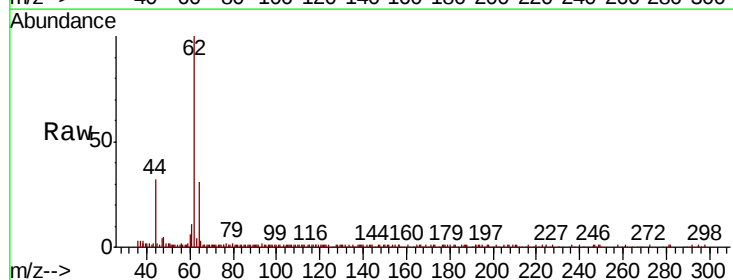
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

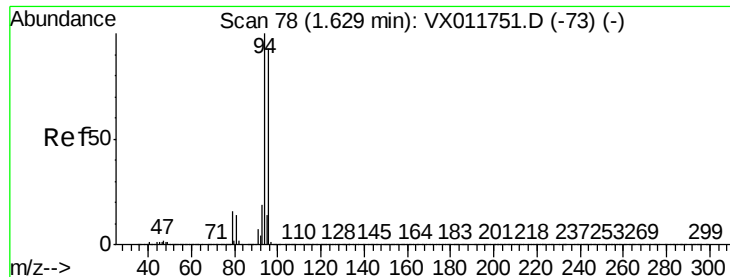
Tgt Ion: 50 Resp: 17011
Ion Ratio Lower Upper
50 100
52 36.0 26.6 39.8



#4
Vinyl Chloride
Concen: 5.106 ug/l
RT: 1.40 min Scan# 41
Delta R.T. 0.01 min
Lab File: VX011749.D
Acq: 22 Aug 2019 09:19

Tgt Ion: 62 Resp: 16442
Ion Ratio Lower Upper
62 100
64 28.7 25.5 38.3





#5

Bromomethane

Concen: 6.476 ug/l

RT: 1.63 min Scan# 78

Delta R.T. -0.00 min

Lab File: VX011749.D

Acq: 22 Aug 2019 09:19

Instrument :

MSVOA_X

ClientSampleId :

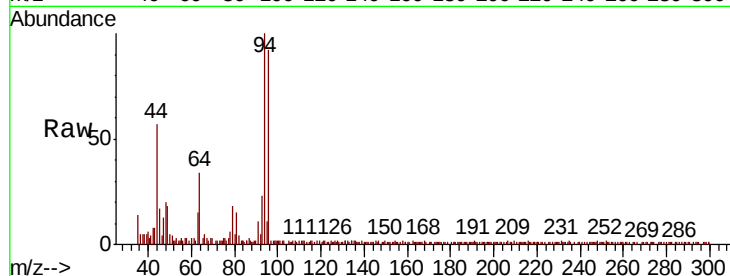
VSTDIC005

Tgt Ion: 94 Resp: 9672

Ion Ratio Lower Upper

94 100

96 94.2 74.1 111.1



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

12000

10000

8000

6000

4000

2000

0

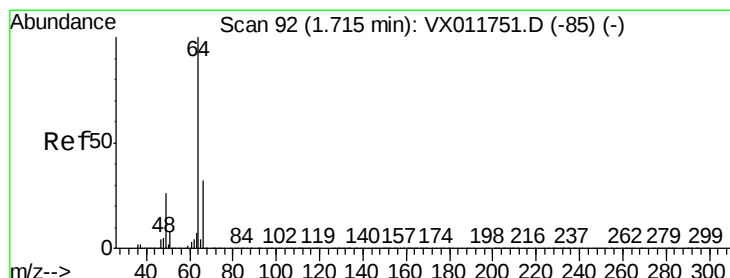
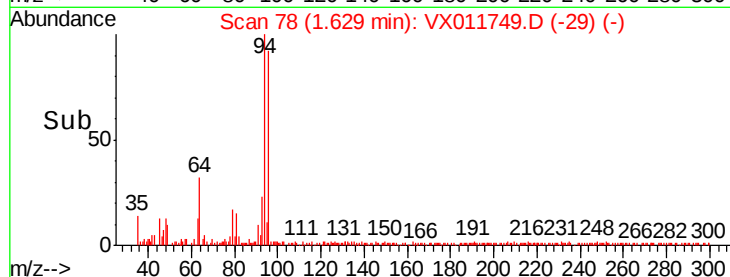
1.60

1.63

1.65

1.70

Time-->



#6

Chloroethane

Concen: 6.027 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX011749.D

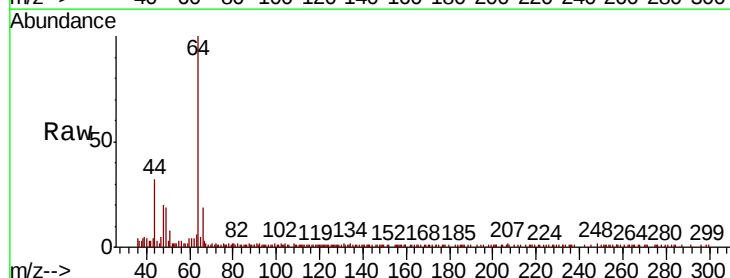
Acq: 22 Aug 2019 09:19

Tgt Ion: 64 Resp: 9666

Ion Ratio Lower Upper

64 100

66 21.9 24.9 37.3#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

12000

10000

8000

6000

4000

2000

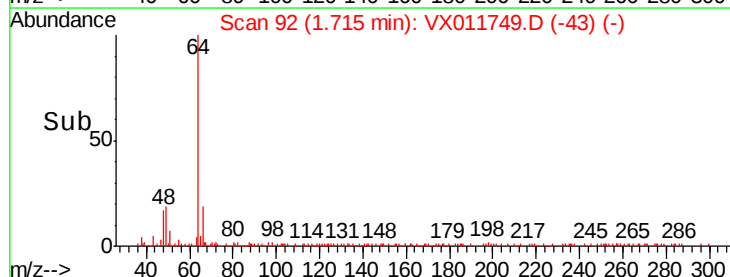
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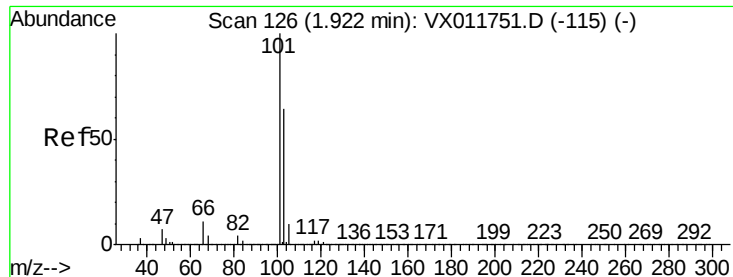
1.65

1.70

1.75

Time-->





#7

Trichlorofluoromethane

Concen: 5.927 ug/l

RT: 1.92 min Scan# 125

Delta R.T. -0.01 min

Lab File: VX011749.D

Acq: 22 Aug 2019 09:19

Instrument :

MSVOA_X

ClientSampleId :

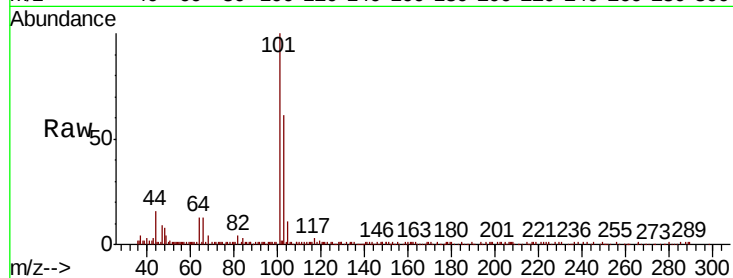
VSTDIC005

Tgt Ion:101 Resp: 27183

Ion Ratio Lower Upper

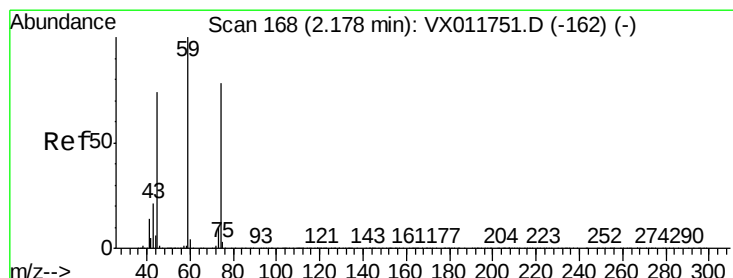
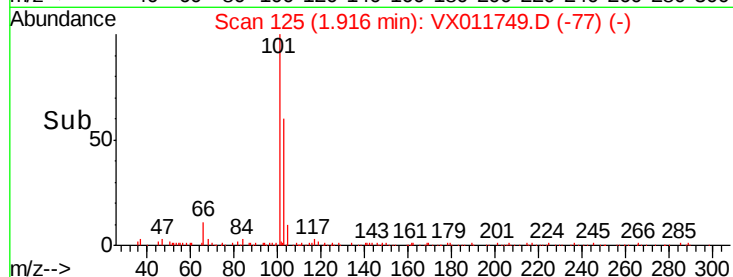
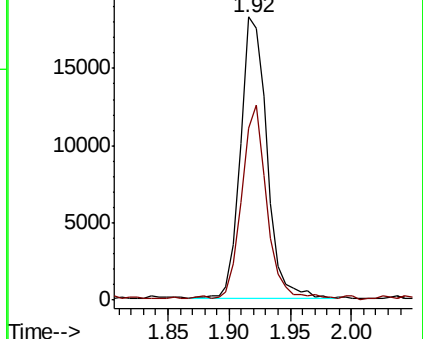
101 100

103 60.6 51.2 76.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 5.913 ug/l

RT: 2.18 min Scan# 169

Delta R.T. 0.01 min

Lab File: VX011749.D

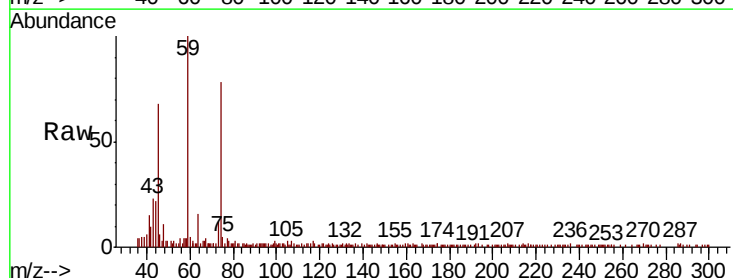
Acq: 22 Aug 2019 09:19

Tgt Ion: 74 Resp: 9220

Ion Ratio Lower Upper

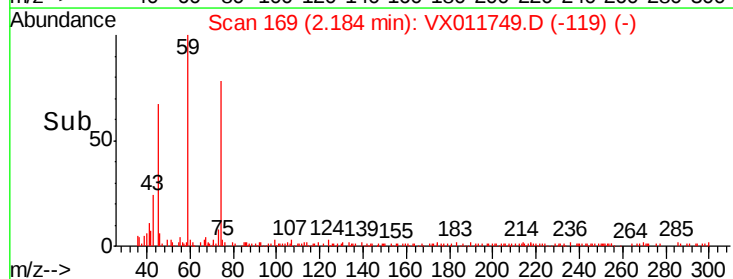
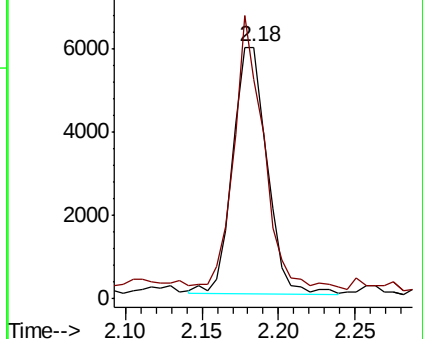
74 100

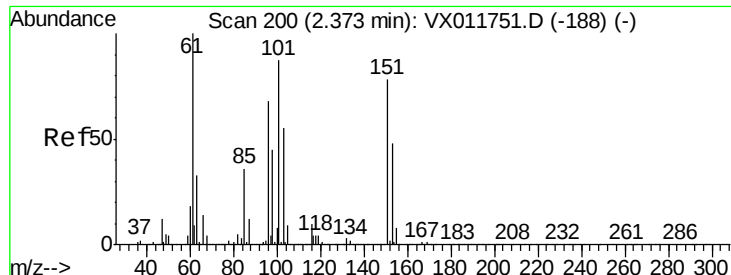
45 96.1 46.7 140.0



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.370 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.00 min

Lab File: VX011749.D

Acq: 22 Aug 2019 09:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

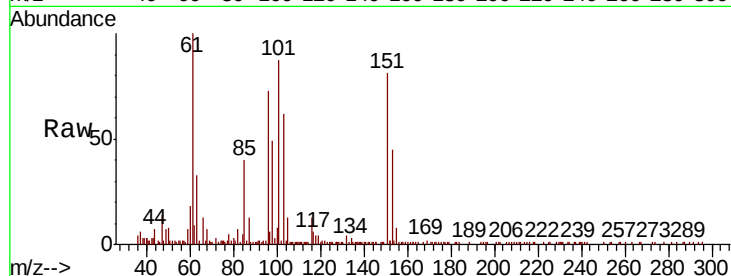
Tgt Ion:101 Resp: 16768

Ion Ratio Lower Upper

101 100

85 45.7 33.7 50.5

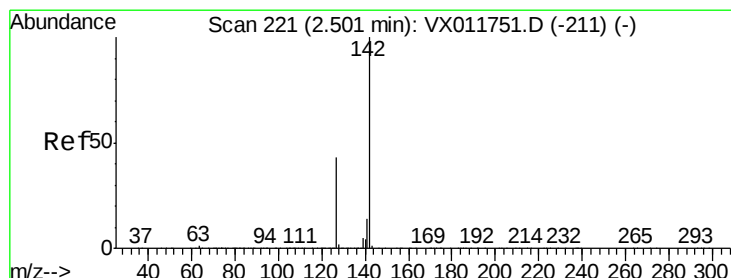
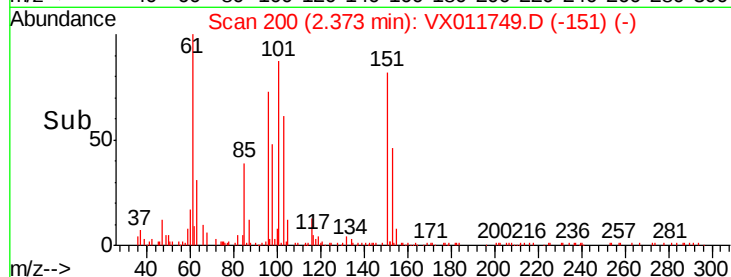
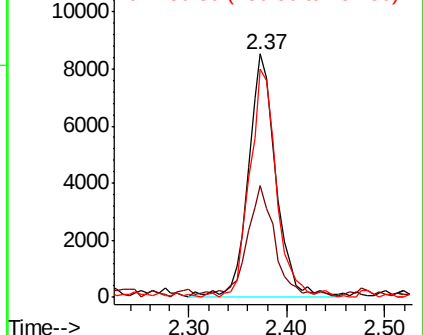
151 89.6 71.4 107.2



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: 3.706 ug/l

RT: 2.50 min Scan# 221

Delta R.T. -0.00 min

Lab File: VX011749.D

Acq: 22 Aug 2019 09:19

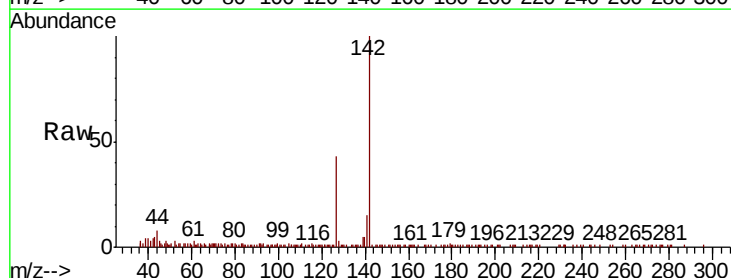
Tgt Ion:142 Resp: 16040

Ion Ratio Lower Upper

142 100

127 45.6 33.5 50.3

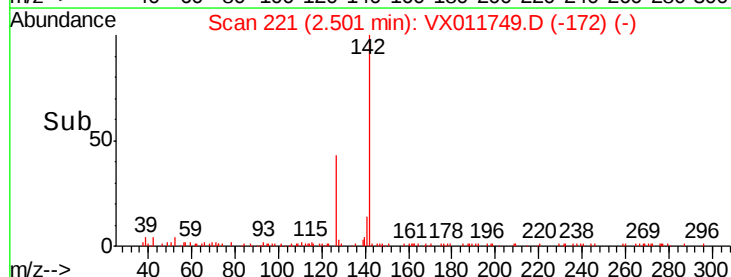
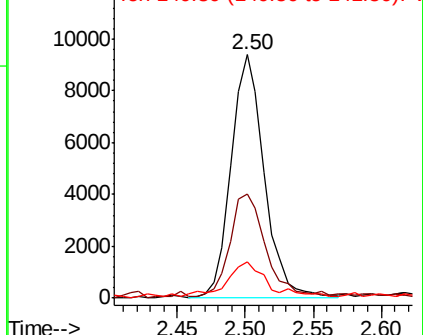
141 16.7 11.4 17.2

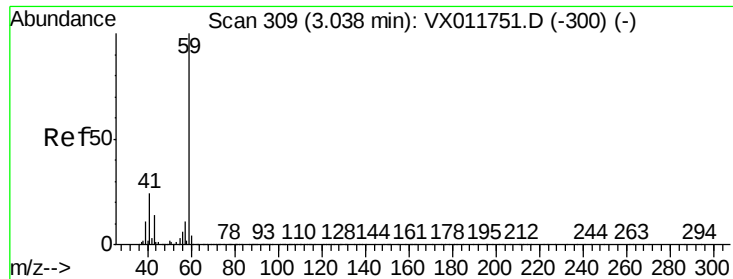


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



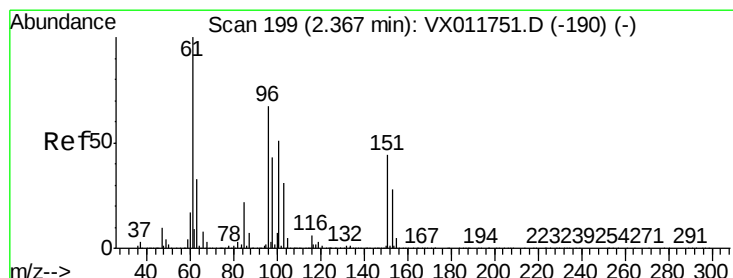
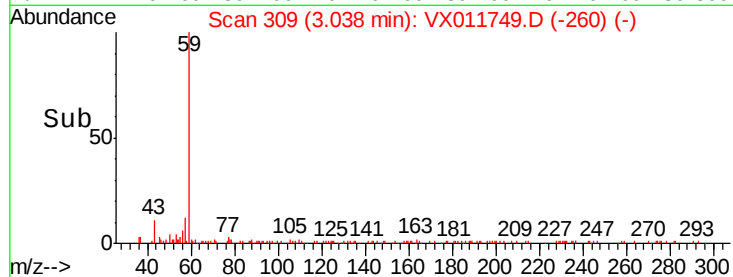
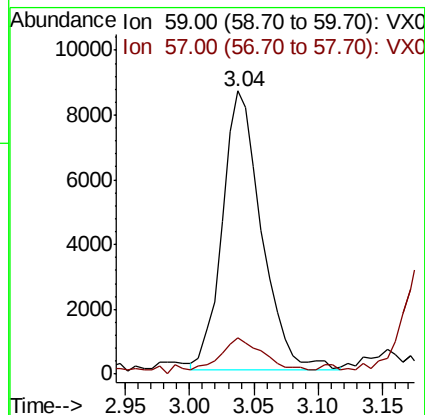
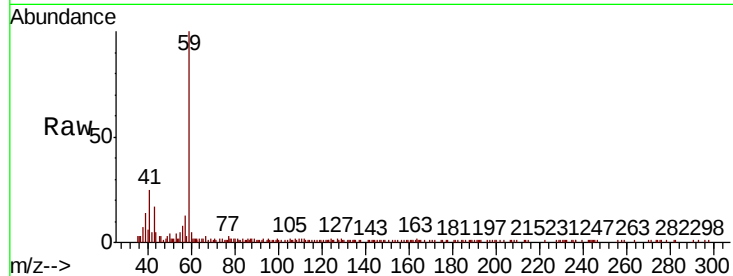


#11

Tert butyl alcohol
 Concen: 22.990 ug/l
 RT: 3.04 min Scan# 309
 Delta R.T. -0.00 min
 Lab File: VX011749.D
 Acq: 22 Aug 2019 09:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

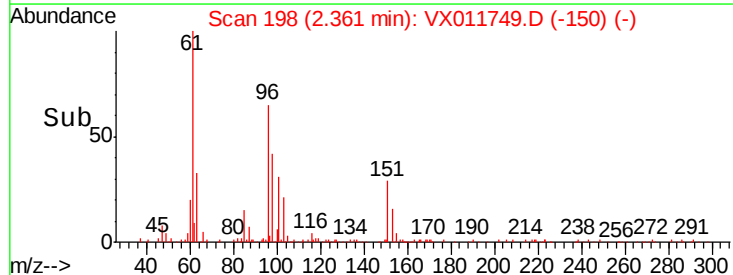
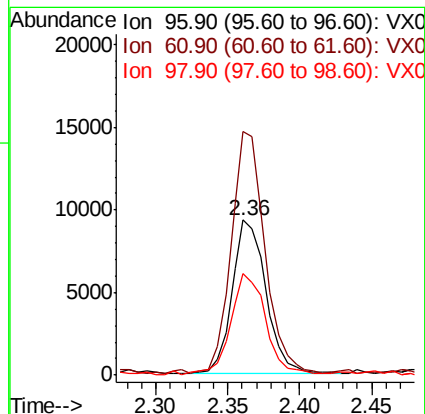
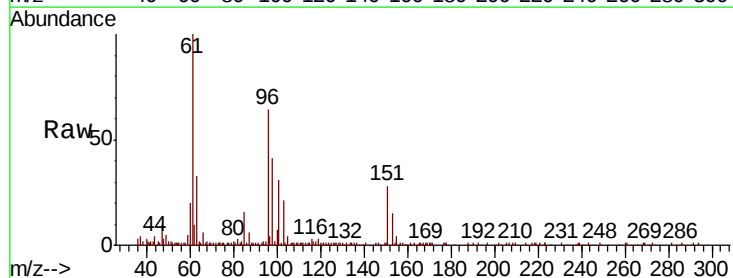
Tgt Ion: 59 Resp: 18249
 Ion Ratio Lower Upper
 59 100
 57 16.9 8.4 12.6#

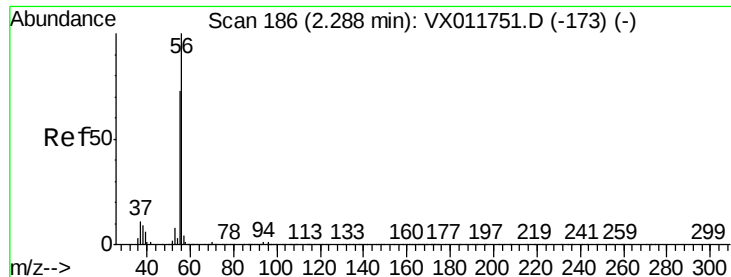


#12

1,1-Dichloroethene
 Concen: 5.052 ug/l
 RT: 2.36 min Scan# 198
 Delta R.T. -0.01 min
 Lab File: VX011749.D
 Acq: 22 Aug 2019 09:19

Tgt Ion: 96 Resp: 15195
 Ion Ratio Lower Upper
 96 100
 61 156.2 119.4 179.2
 98 64.3 51.2 76.8

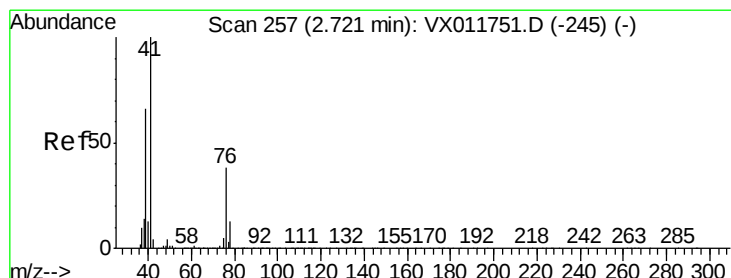
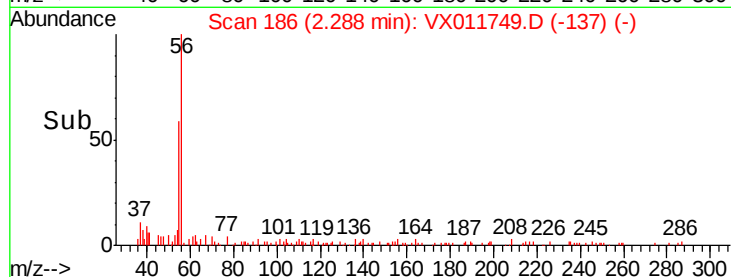
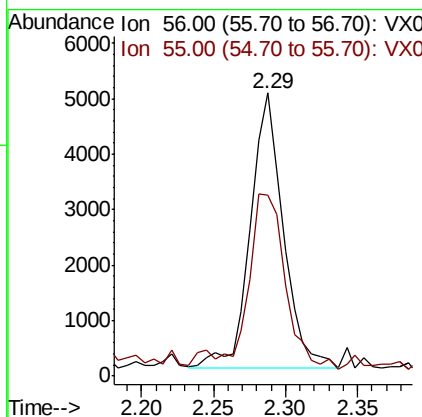
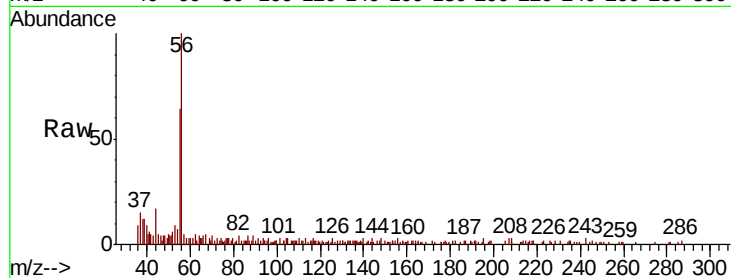




#13
 Acrolein
 Concen: 28.657 ug/l
 RT: 2.29 min Scan# 186
 Delta R.T. -0.00 min
 Lab File: VX011749.D
 Acq: 22 Aug 2019 09:19

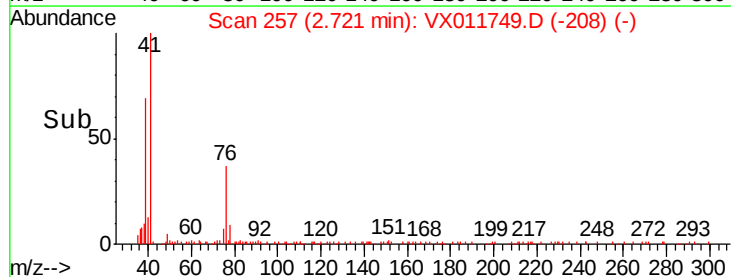
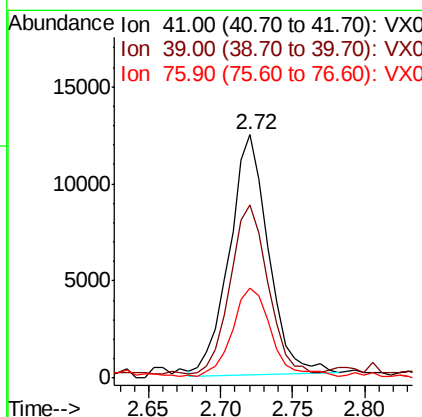
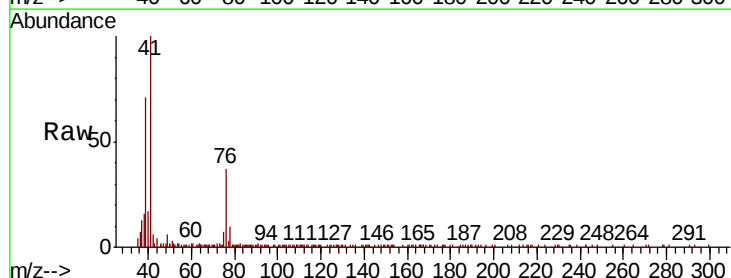
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

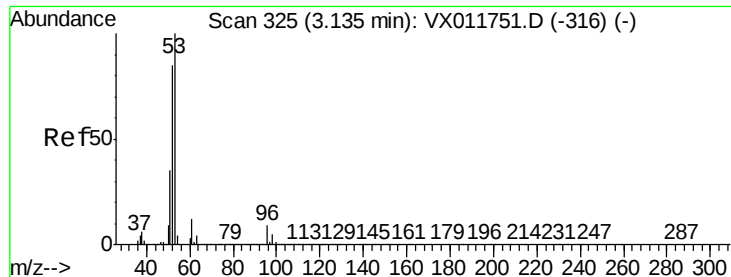
Tgt Ion: 56 Resp: 7770
 Ion Ratio Lower Upper
 56 100
 55 70.2 54.8 82.2



#14
 Allyl chloride
 Concen: 4.718 ug/l
 RT: 2.72 min Scan# 257
 Delta R.T. -0.00 min
 Lab File: VX011749.D
 Acq: 22 Aug 2019 09:19

Tgt Ion: 41 Resp: 23545
 Ion Ratio Lower Upper
 41 100
 39 67.2 49.3 73.9
 76 36.0 26.8 40.2

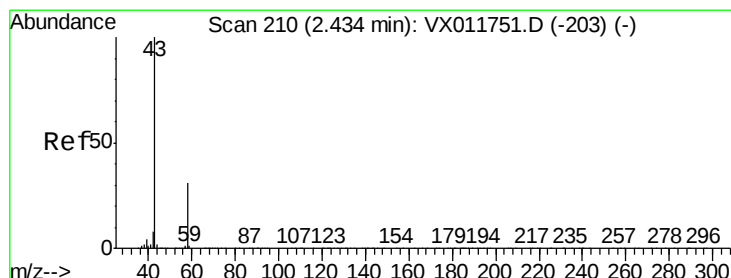
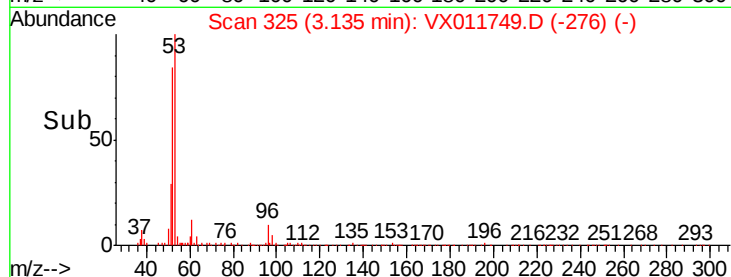
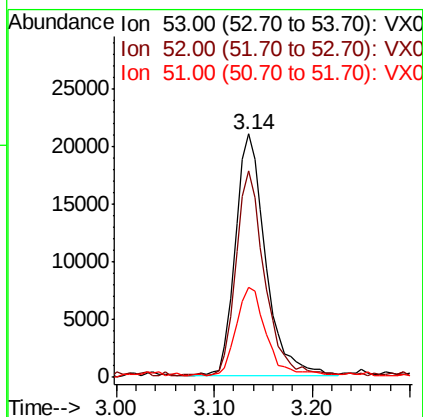
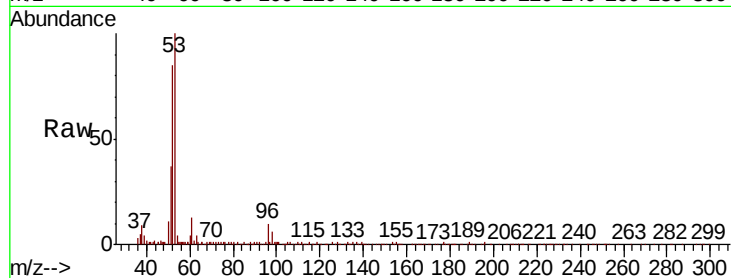




#15
Acrylonitrile
Concen: 24.678 ug/l
RT: 3.14 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX011749.D
Acq: 22 Aug 2019 09:19

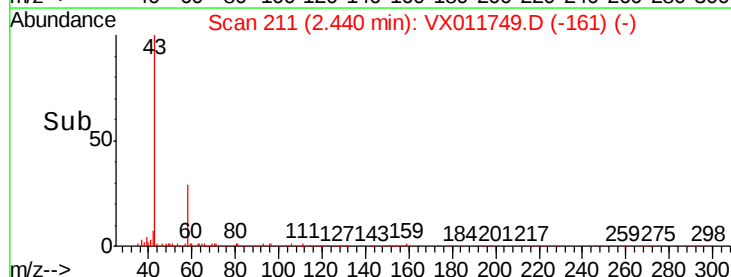
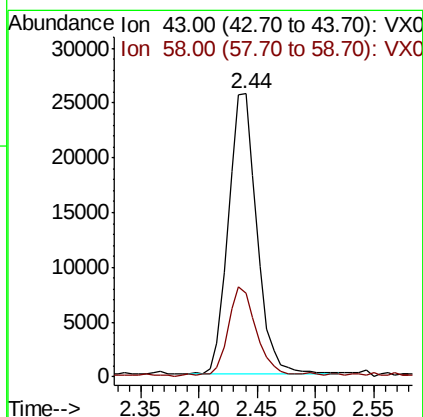
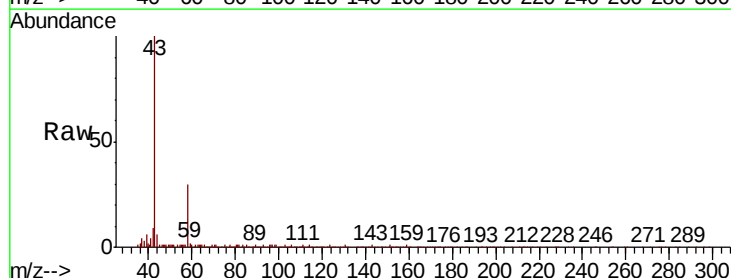
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

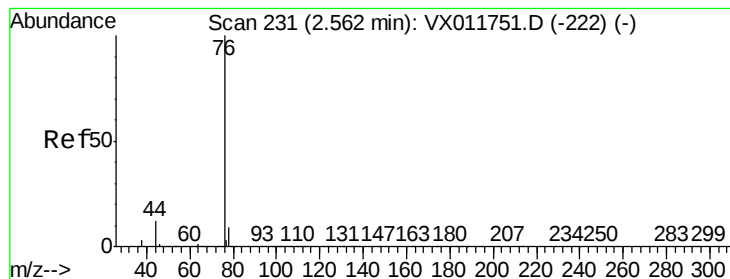
Tgt Ion: 53 Resp: 45060
Ion Ratio Lower Upper
53 100
52 80.3 65.7 98.5
51 35.8 28.6 43.0



#16
Acetone
Concen: 26.452 ug/l
RT: 2.44 min Scan# 211
Delta R.T. 0.01 min
Lab File: VX011749.D
Acq: 22 Aug 2019 09:19

Tgt Ion: 43 Resp: 43814
Ion Ratio Lower Upper
43 100
58 28.8 24.4 36.6





#17

Carbon Disulfide

Concen: 4.951 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.00 min

Lab File: VX011749.D

Acq: 22 Aug 2019 09:19

Instrument :

MSVOA_X

ClientSampleId :

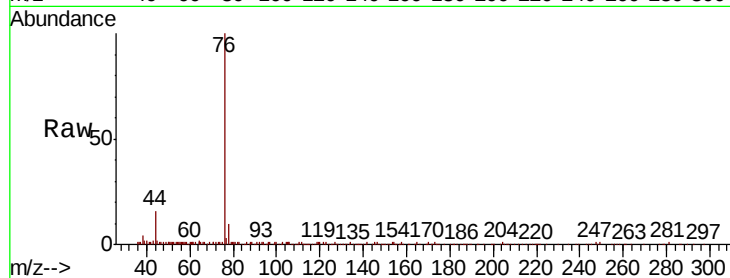
VSTDIC005

Tgt Ion: 76 Resp: 35643

Ion Ratio Lower Upper

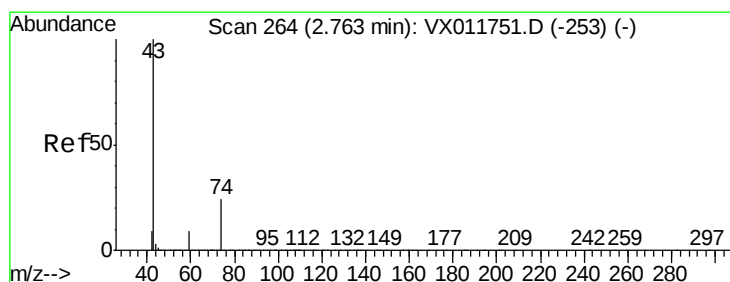
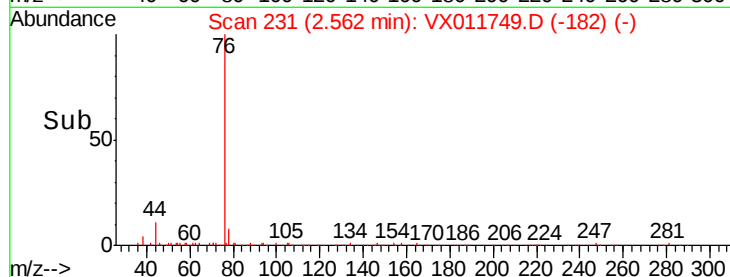
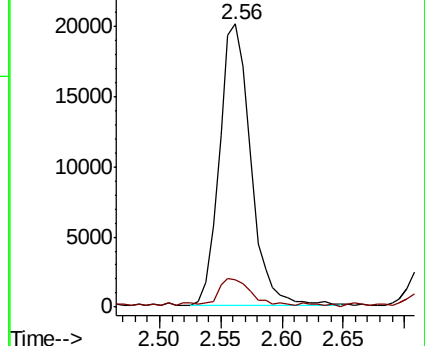
76 100

78 9.3 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 4.333 ug/l

RT: 2.77 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX011749.D

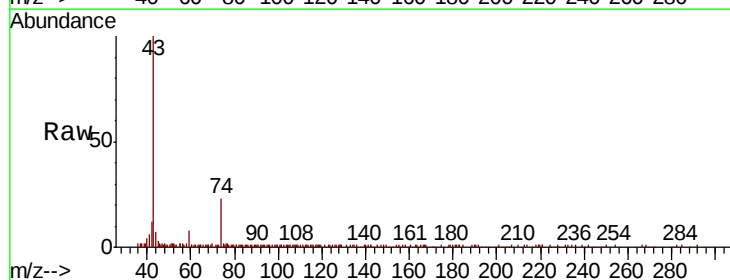
Acq: 22 Aug 2019 09:19

Tgt Ion: 43 Resp: 21830

Ion Ratio Lower Upper

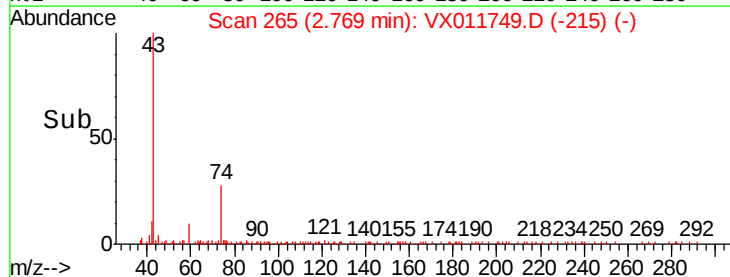
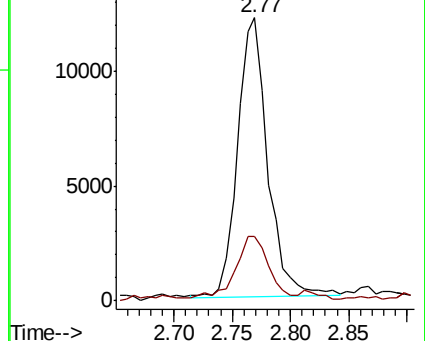
43 100

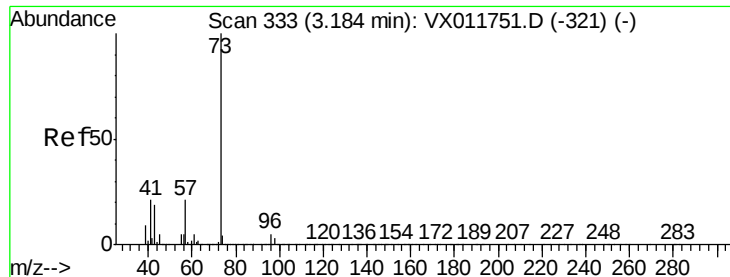
74 24.2 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



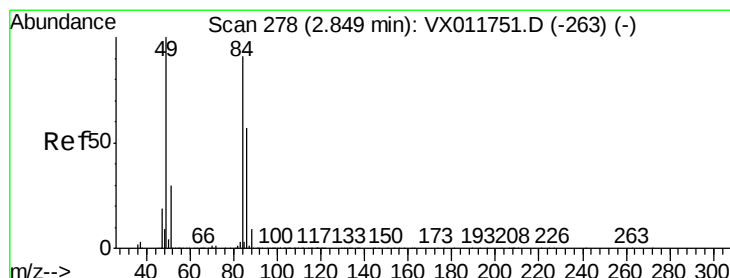
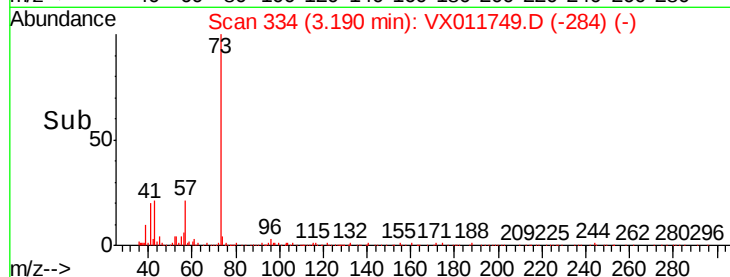
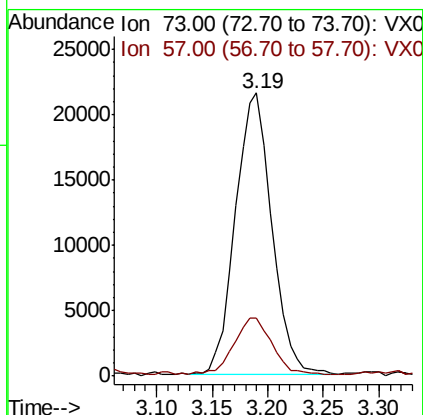
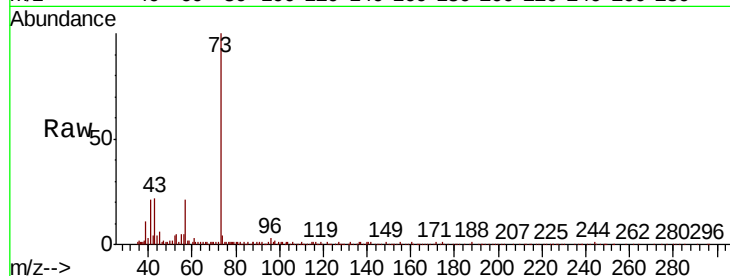


#19

Methyl tert-butyl Ether
 Concen: 4.973 ug/l
 RT: 3.19 min Scan# 334
 Delta R.T. 0.01 min
 Lab File: VX011749.D
 Acq: 22 Aug 2019 09:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

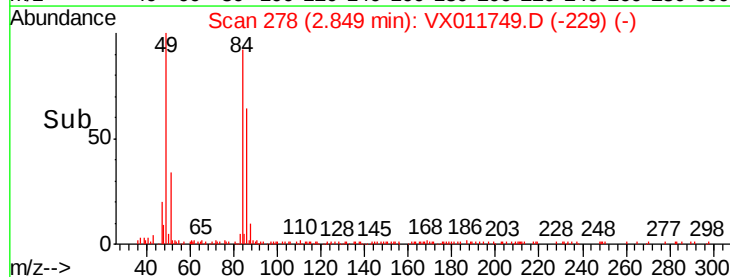
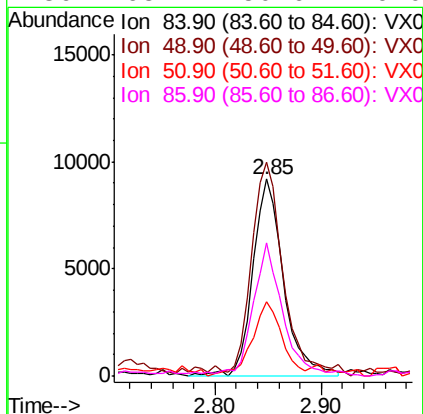
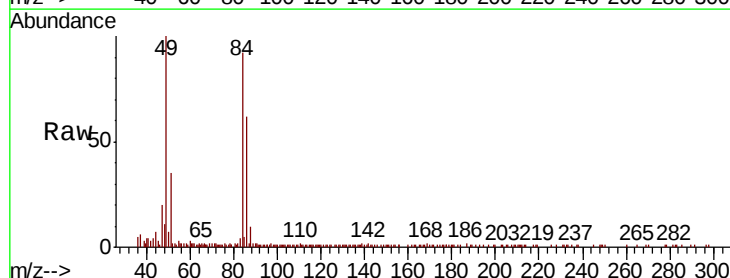
Tgt Ion: 73 Resp: 48620
 Ion Ratio Lower Upper
 73 100
 57 19.7 16.4 24.6

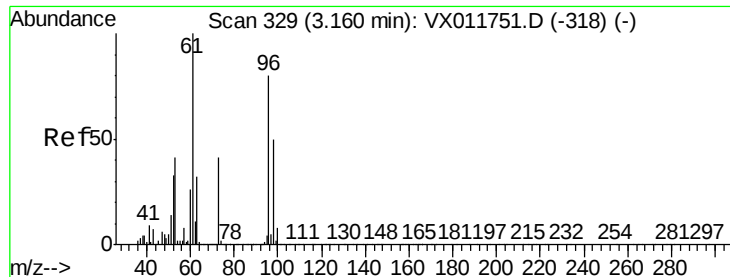


#20

Methylene Chloride
 Concen: 5.378 ug/l
 RT: 2.85 min Scan# 278
 Delta R.T. -0.00 min
 Lab File: VX011749.D
 Acq: 22 Aug 2019 09:19

Tgt Ion: 84 Resp: 18670
 Ion Ratio Lower Upper
 84 100
 49 104.4 88.3 132.5
 51 35.6 26.2 39.2
 86 65.4 50.6 76.0





#21

trans-1,2-Dichloroethene

Concen: 5.434 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX011749.D

Acq: 22 Aug 2019 09:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

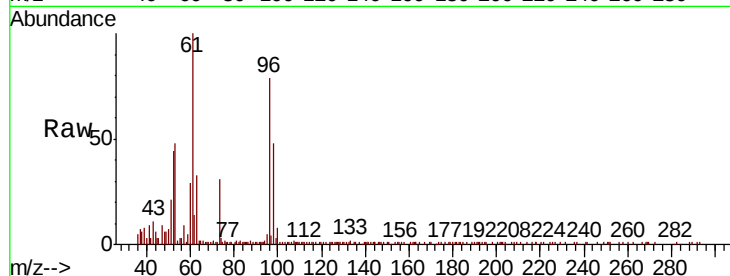
Tgt Ion: 96 Resp: 17442

Ion Ratio Lower Upper

96 100

61 124.2 99.8 149.8

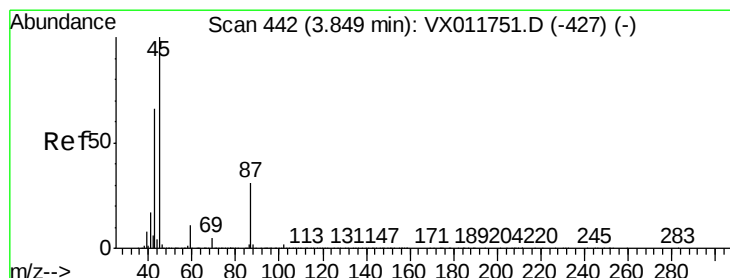
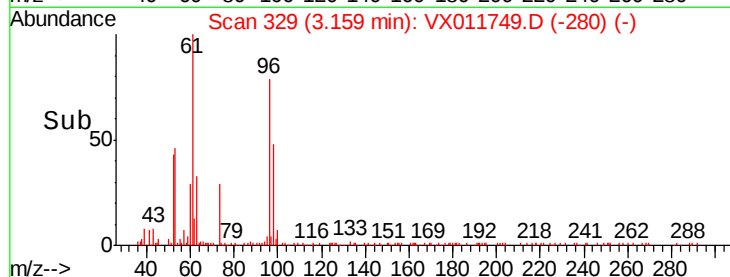
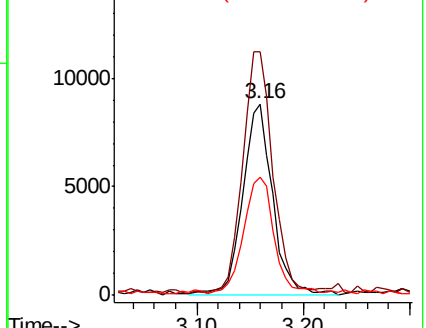
98 59.8 50.3 75.5



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: 4.856 ug/l

RT: 3.85 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX011749.D

Acq: 22 Aug 2019 09:19

Tgt Ion: 45 Resp: 47749

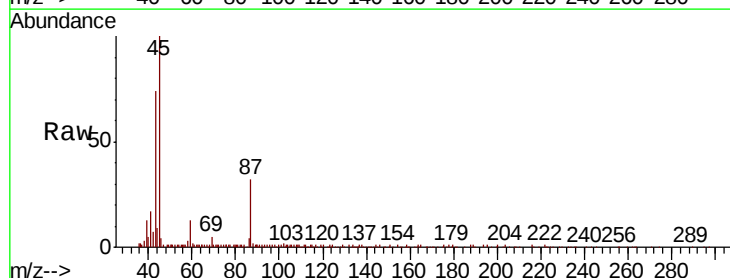
Ion Ratio Lower Upper

45 100

43 71.3 53.0 79.6

87 30.7 24.7 37.1

59 11.9 9.1 13.7

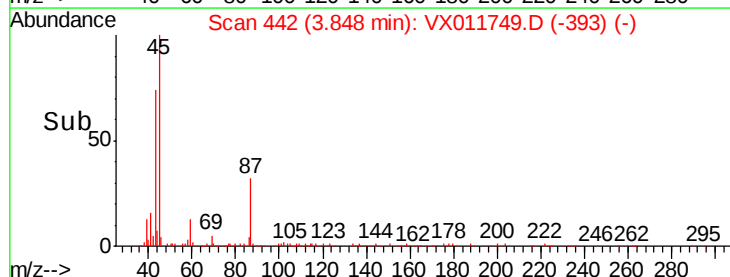
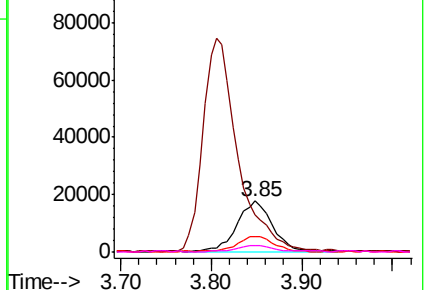


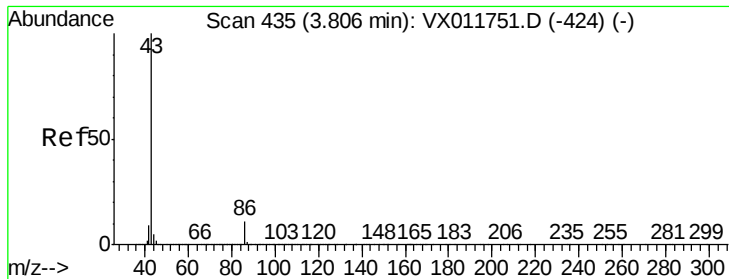
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 25.420 ug/l

RT: 3.81 min Scan# 435

Delta R.T. -0.00 min

Lab File: VX011749.D

Acq: 22 Aug 2019 09:19

Instrument :

MSVOA_X

ClientSampleId :

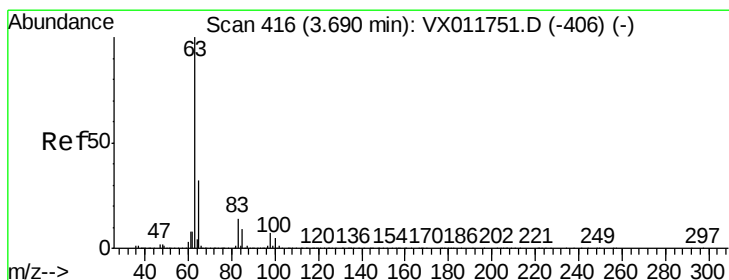
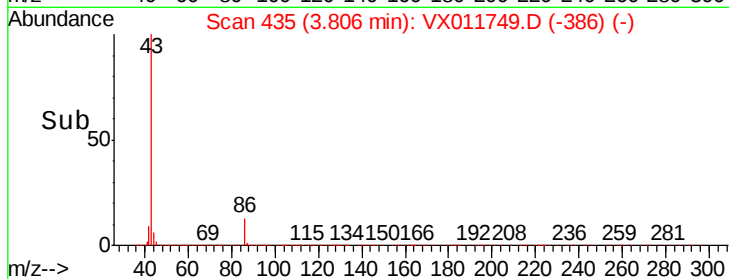
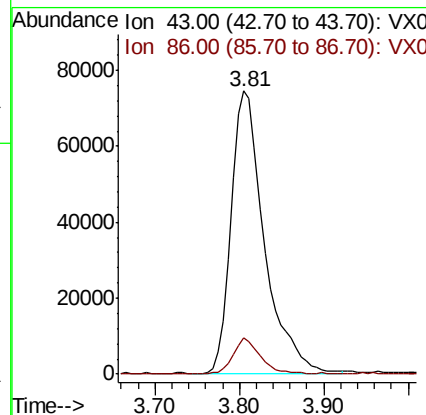
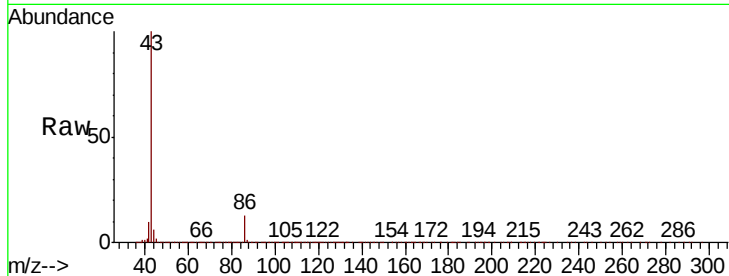
VSTDIC005

Tgt Ion: 43 Resp: 199433

Ion Ratio Lower Upper

43 100

86 12.7 9.2 13.8



#24

1,1-Dichloroethane

Concen: 5.091 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.00 min

Lab File: VX011749.D

Acq: 22 Aug 2019 09:19

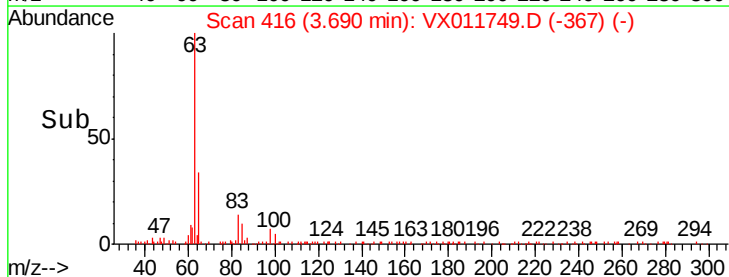
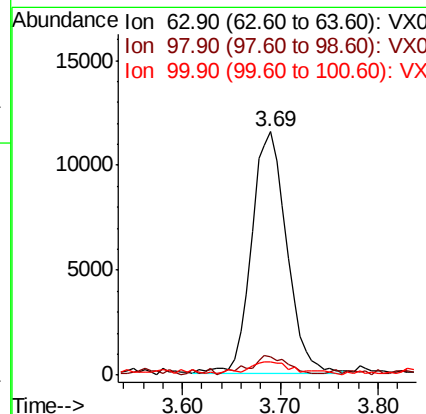
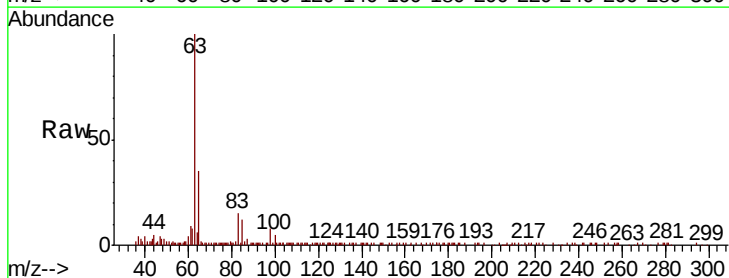
Tgt Ion: 63 Resp: 28613

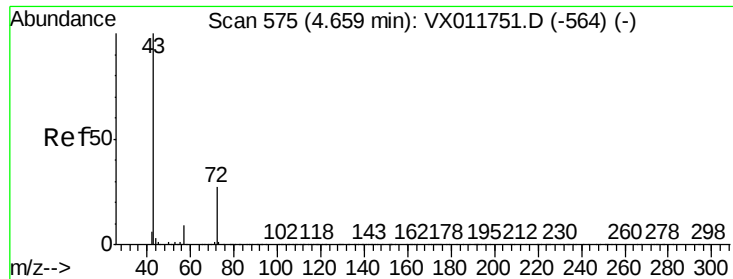
Ion Ratio Lower Upper

63 100

98 7.1 3.7 11.1

100 5.2 2.3 6.9

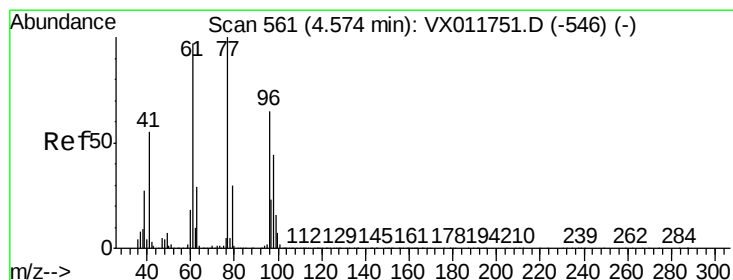
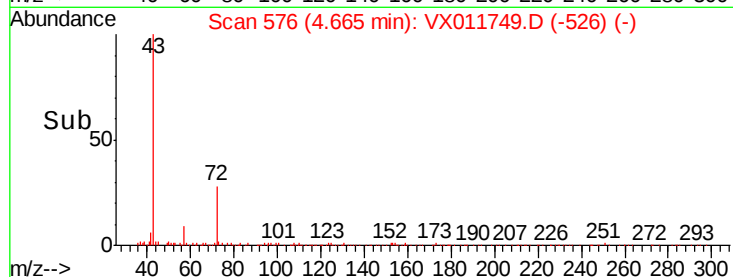
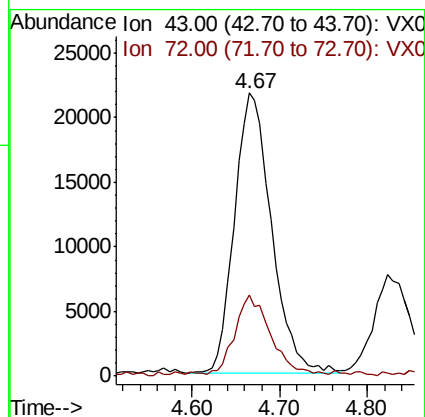
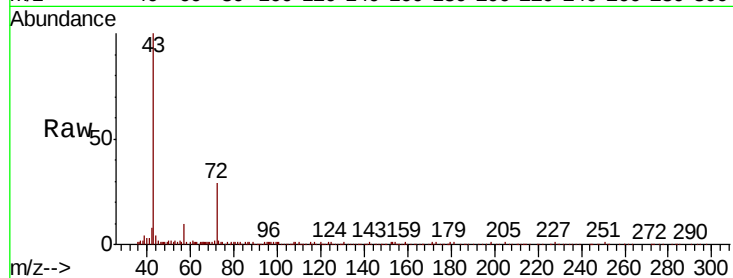




#25
2-Butanone
Concen: 24.899 ug/l
RT: 4.67 min Scan# 576
Delta R.T. 0.01 min
Lab File: VX011749.D
Acq: 22 Aug 2019 09:19

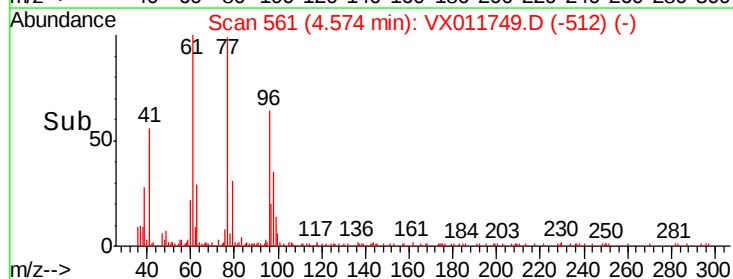
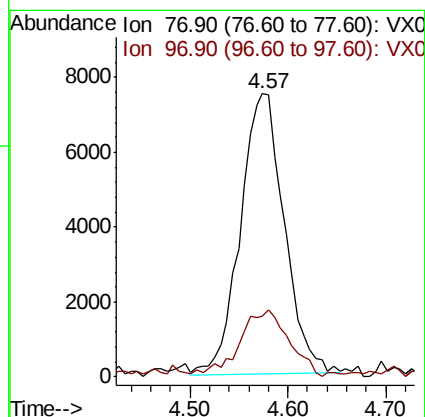
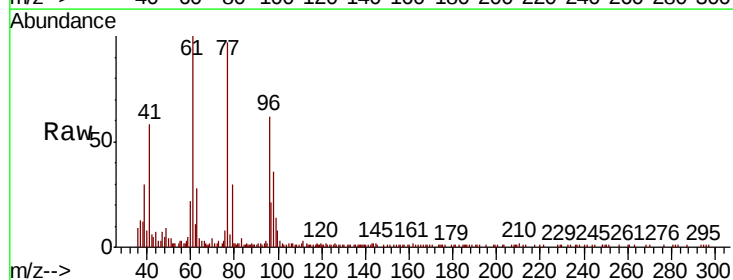
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

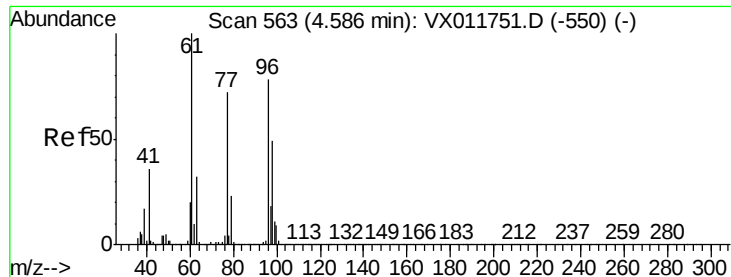
Tgt Ion: 43 Resp: 63425
Ion Ratio Lower Upper
43 100
72 28.0 21.8 32.6



#26
2,2-Dichloropropane
Concen: 5.473 ug/l
RT: 4.57 min Scan# 561
Delta R.T. -0.00 min
Lab File: VX011749.D
Acq: 22 Aug 2019 09:19

Tgt Ion: 77 Resp: 23504
Ion Ratio Lower Upper
77 100
97 27.0 12.2 36.6



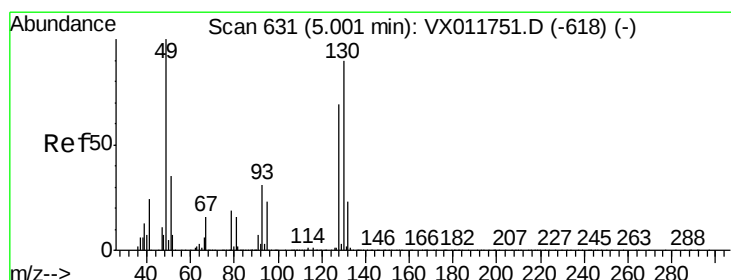
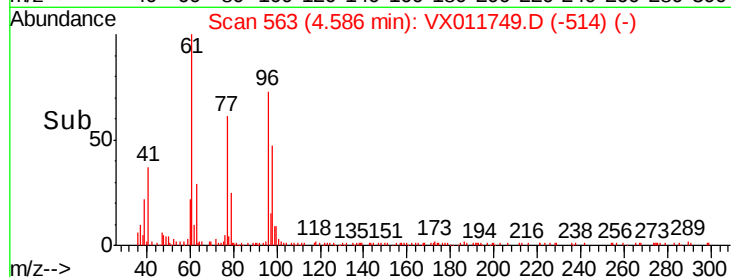
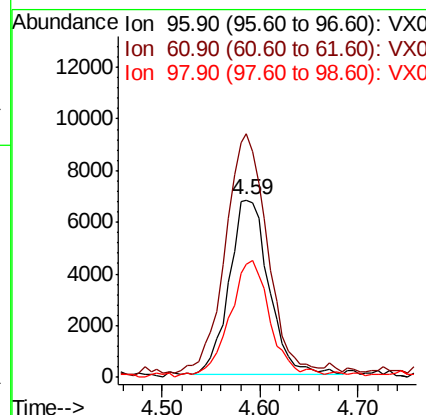
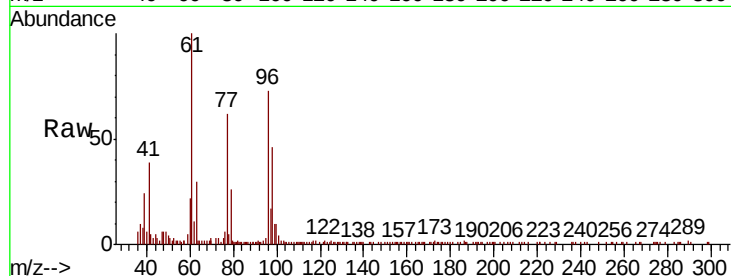


#27

cis-1,2-Dichloroethene
Concen: 5.151 ug/l
RT: 4.59 min Scan# 563
Delta R.T. -0.00 min
Lab File: VX011749.D
Acq: 22 Aug 2019 09:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

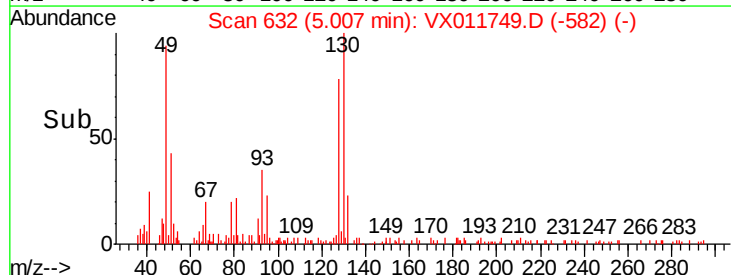
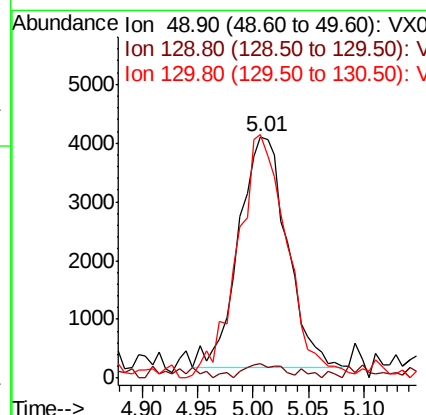
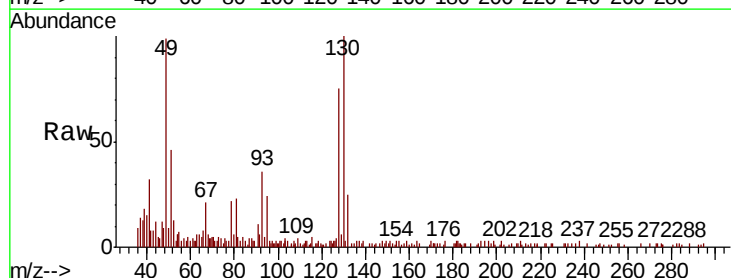
Tgt Ion: 96 Resp: 19128
Ion Ratio Lower Upper
96 100
61 144.0 0.0 275.8
98 67.1 0.0 128.2

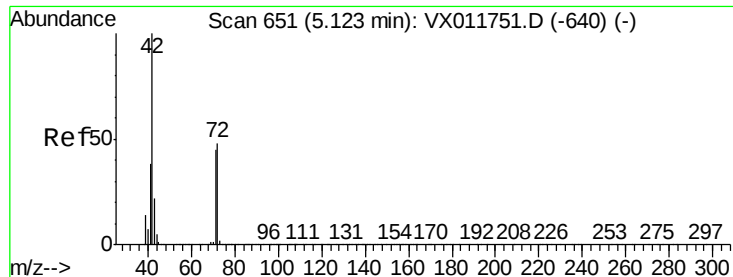


#28

Bromochloromethane
Concen: 4.756 ug/l
RT: 5.01 min Scan# 632
Delta R.T. 0.01 min
Lab File: VX011749.D
Acq: 22 Aug 2019 09:19

Tgt Ion: 49 Resp: 11791
Ion Ratio Lower Upper
49 100
129 4.7 0.0 5.8
130 109.4 76.8 115.2





#29

Tetrahydrofuran

Concen: 23.228 ug/l

RT: 5.12 min Scan# 651

Delta R.T. -0.00 min

Lab File: VX011749.D

Acq: 22 Aug 2019 09:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

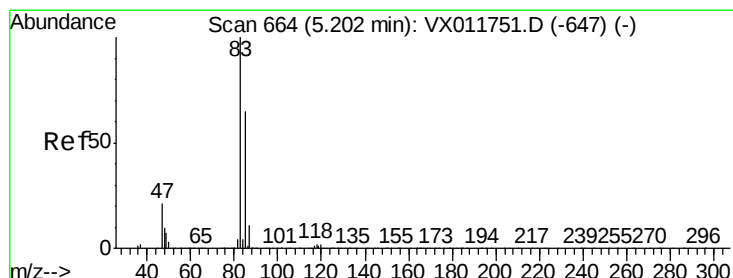
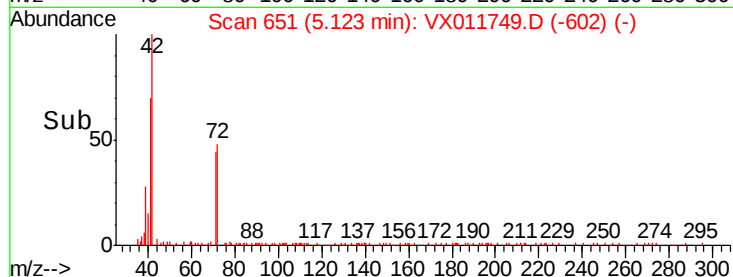
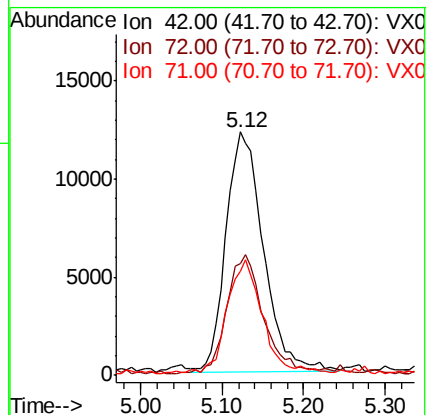
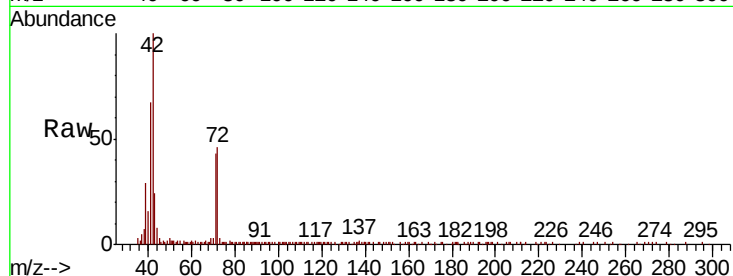
Tgt Ion: 42 Resp: 38872

Ion Ratio Lower Upper

42 100

72 48.3 37.6 56.4

71 45.8 34.6 51.8



#30

Chloroform

Concen: 5.314 ug/l

RT: 5.20 min Scan# 664

Delta R.T. -0.00 min

Lab File: VX011749.D

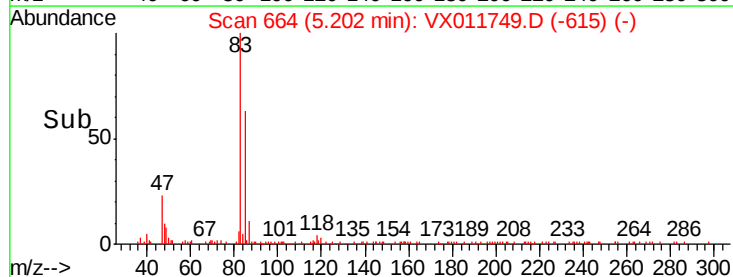
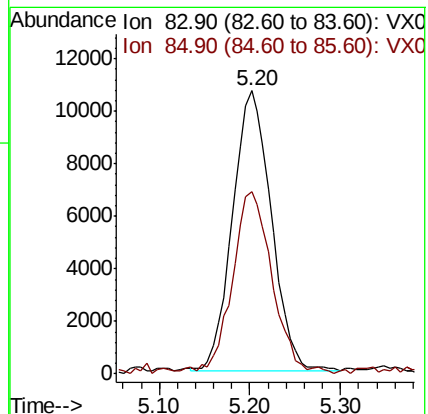
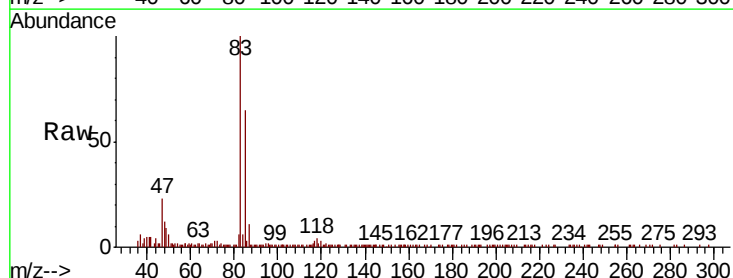
Acq: 22 Aug 2019 09:19

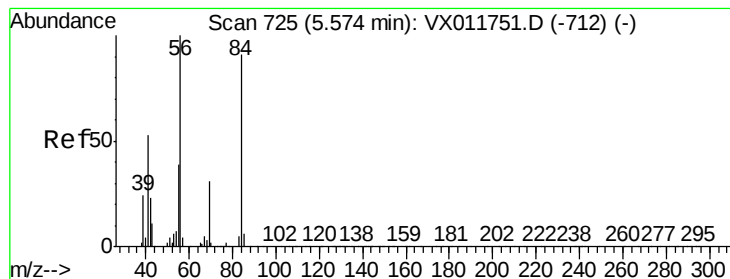
Tgt Ion: 83 Resp: 31544

Ion Ratio Lower Upper

83 100

85 63.3 51.8 77.8





#31

Cyclohexane

Concen: 4.672 ug/l

RT: 5.57 min Scan# 724

Delta R.T. -0.01 min

Lab File: VX011749.D

Acq: 22 Aug 2019 09:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

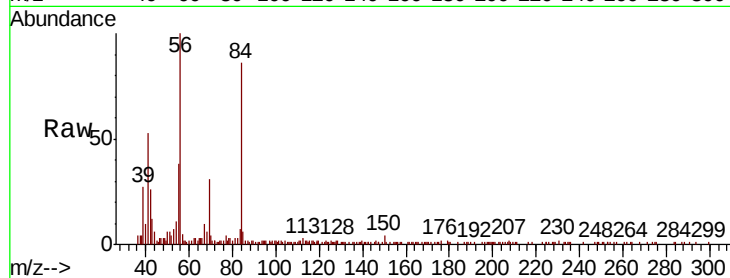
Tgt Ion: 56 Resp: 22633

Ion Ratio Lower Upper

56 100

69 28.6 24.5 36.7

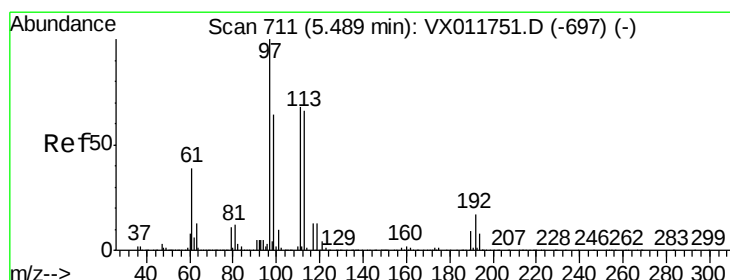
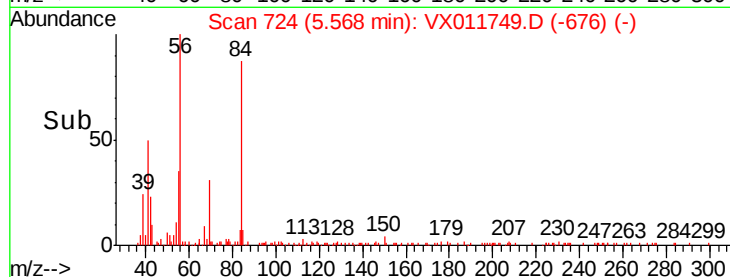
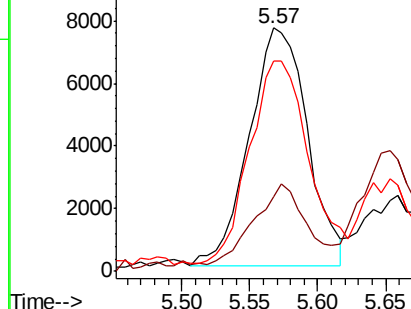
84 85.5 72.7 109.1



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: 5.177 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.00 min

Lab File: VX011749.D

Acq: 22 Aug 2019 09:19

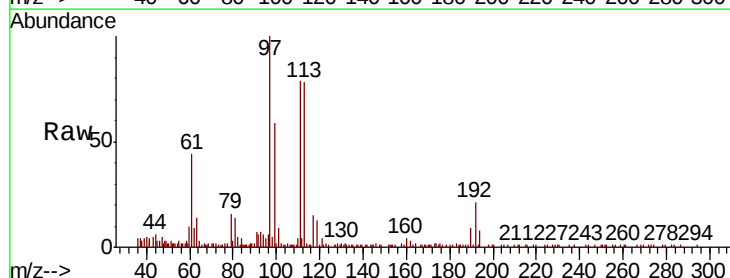
Tgt Ion: 97 Resp: 26549

Ion Ratio Lower Upper

97 100

99 65.2 51.4 77.0

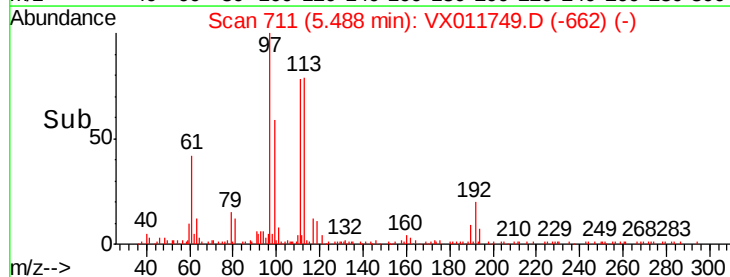
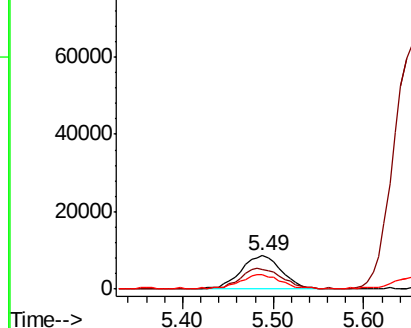
61 42.8 31.6 47.4

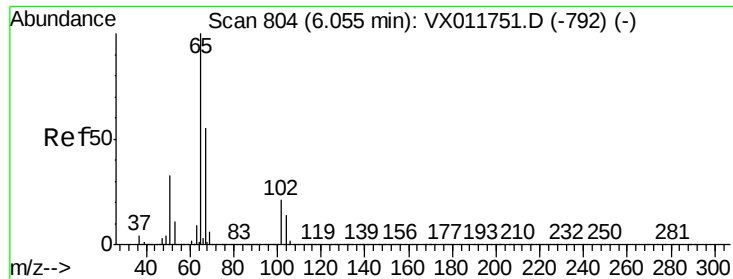


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 6.346 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.01 min

Lab File: VX011749.D

Acq: 22 Aug 2019 09:19

Instrument :

MSVOA_X

ClientSampleId :

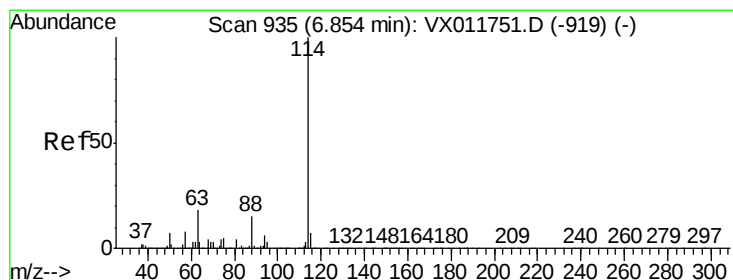
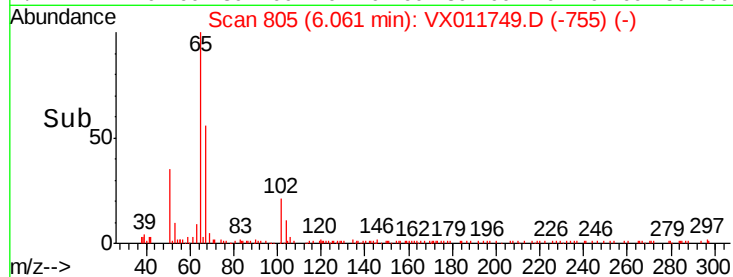
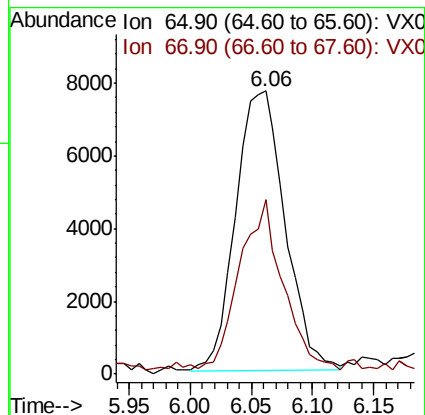
VSTDIC005

Tgt Ion: 65 Resp: 21603

Ion Ratio Lower Upper

65 100

67 52.7 0.0 107.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.00 min

Lab File: VX011749.D

Acq: 22 Aug 2019 09:19

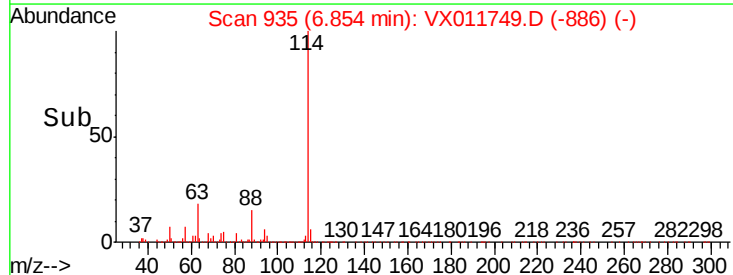
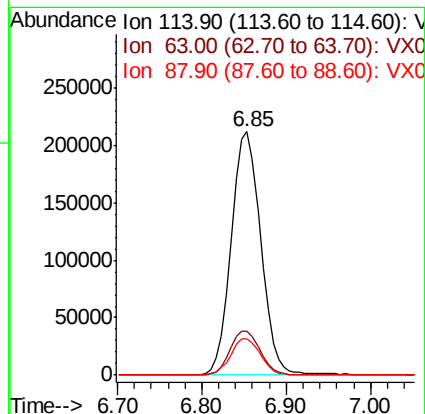
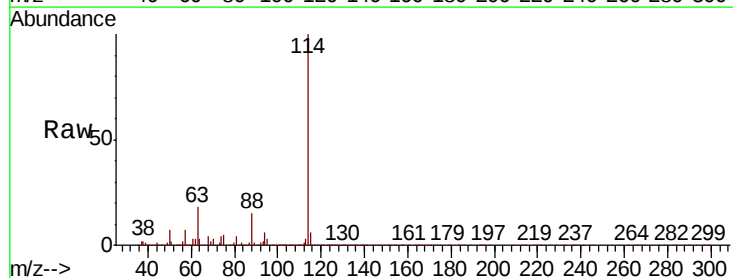
Tgt Ion: 114 Resp: 504581

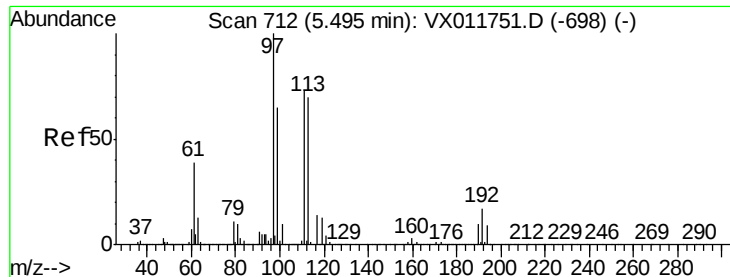
Ion Ratio Lower Upper

114 100

63 18.1 0.0 36.8

88 14.9 0.0 30.2





#35

Dibromofluoromethane

Concen: 5.627 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX011749.D

Acq: 22 Aug 2019 09:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

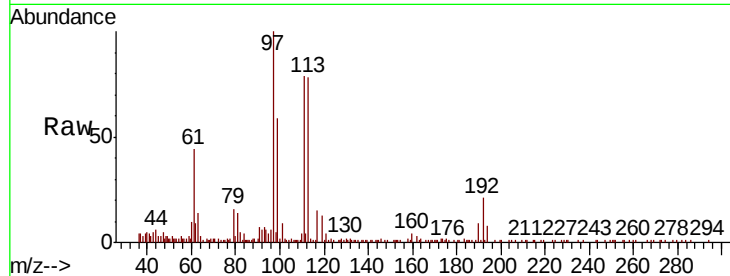
Tgt Ion:113 Resp: 18814

Ion Ratio Lower Upper

113 100

111 103.8 81.0 121.4

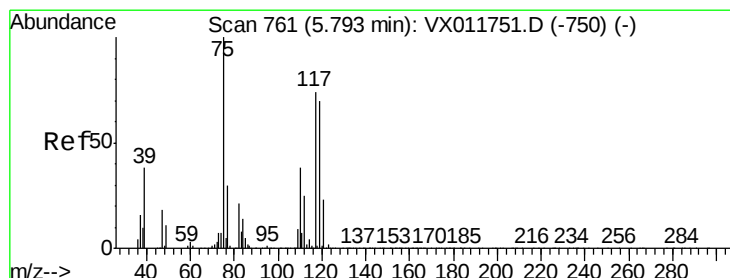
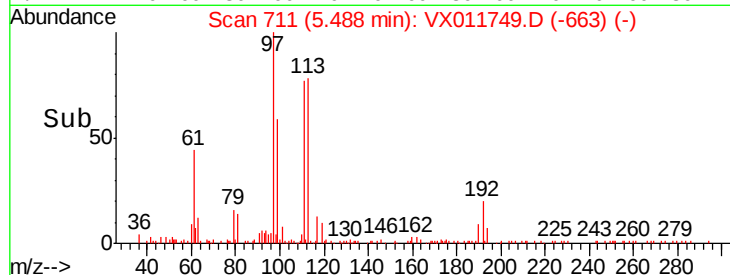
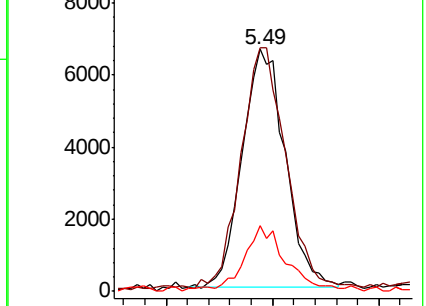
192 27.5 19.9 29.9



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: 5.224 ug/l

RT: 5.79 min Scan# 761

Delta R.T. -0.00 min

Lab File: VX011749.D

Acq: 22 Aug 2019 09:19

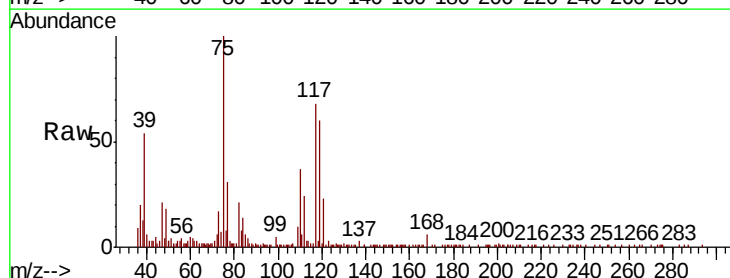
Tgt Ion: 75 Resp: 22178

Ion Ratio Lower Upper

75 100

110 38.4 19.0 57.0

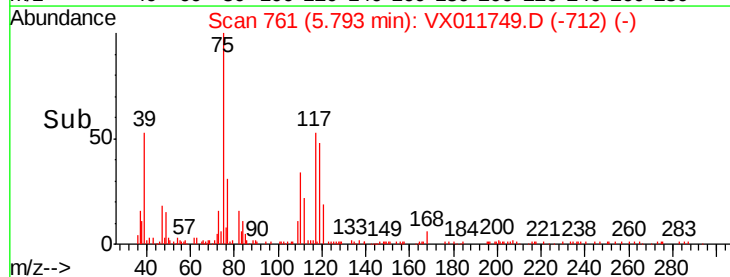
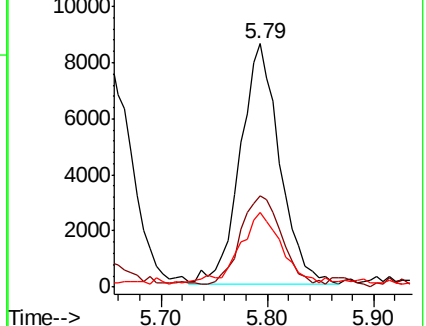
77 31.7 24.6 36.8

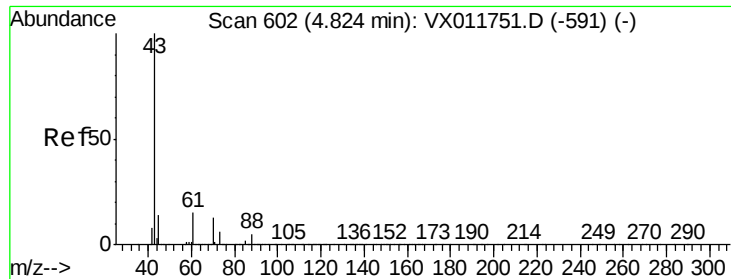


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

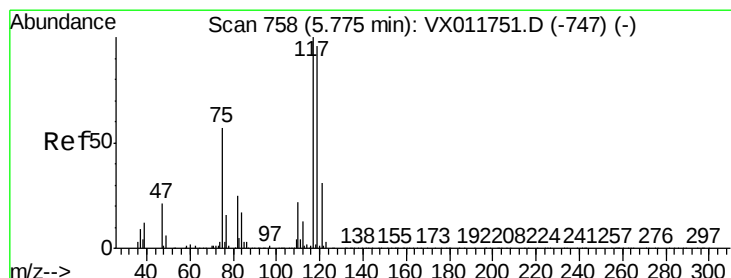
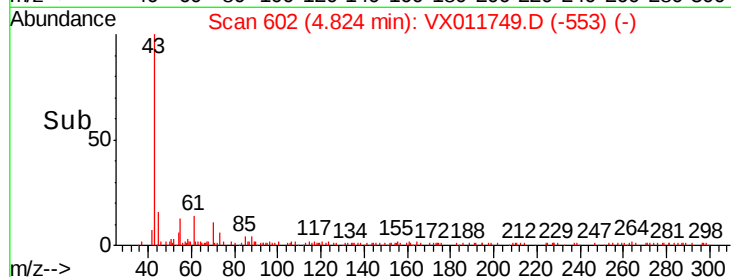
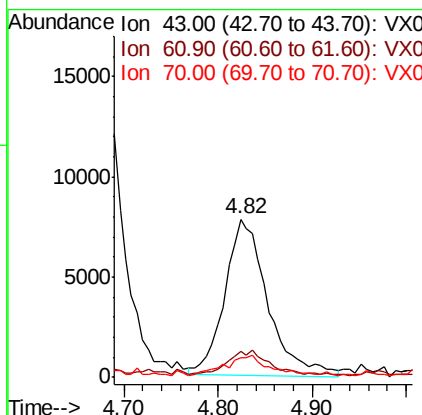
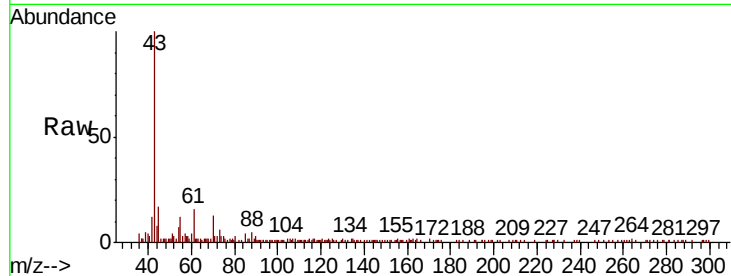




#37
Ethyl Acetate
Concen: 5.079 ug/l
RT: 4.82 min Scan# 602
Delta R.T. -0.00 min
Lab File: VX011749.D
Acq: 22 Aug 2019 09:19

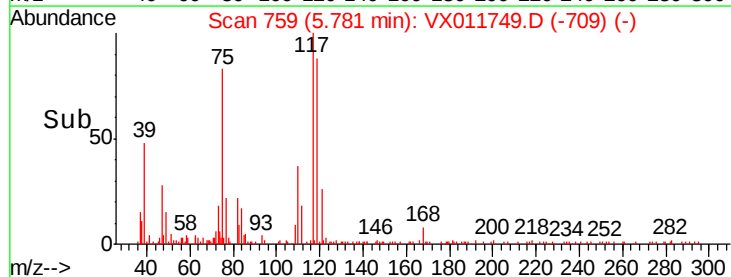
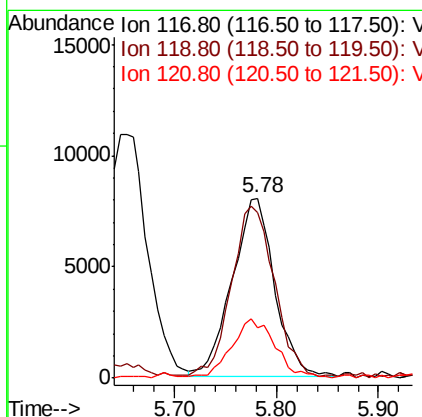
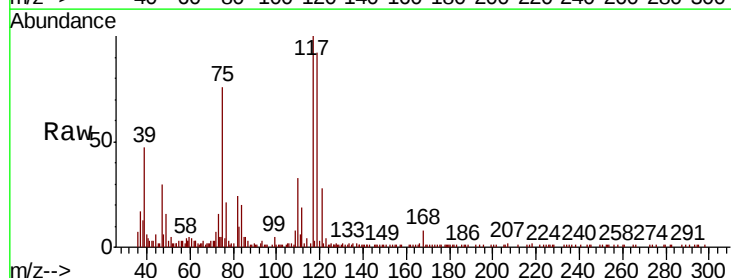
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

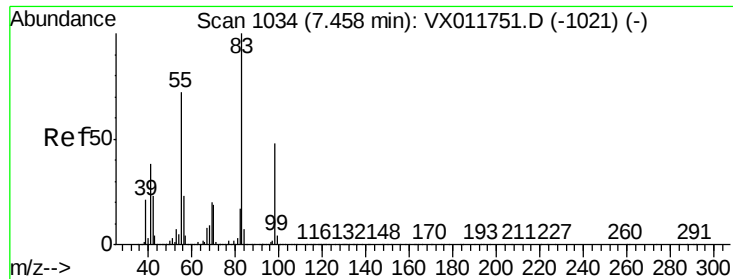
Tgt Ion:	43	Resp:	24663
Ion	Ratio	Lower	Upper
43	100		
61	14.1	11.5	17.3
70	12.9	9.5	14.3



#38
Carbon Tetrachloride
Concen: 4.890 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.01 min
Lab File: VX011749.D
Acq: 22 Aug 2019 09:19

Tgt Ion:	117	Resp:	22947
Ion	Ratio	Lower	Upper
117	100		
119	92.2	76.6	114.8
121	27.8	25.2	37.8

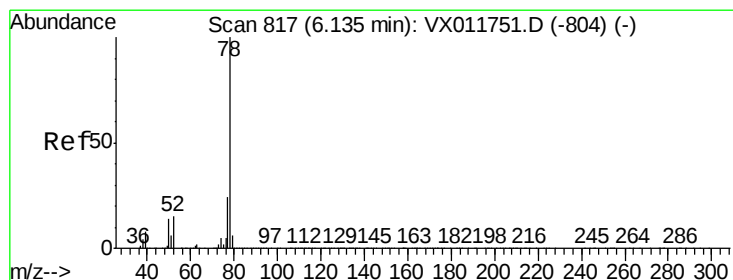
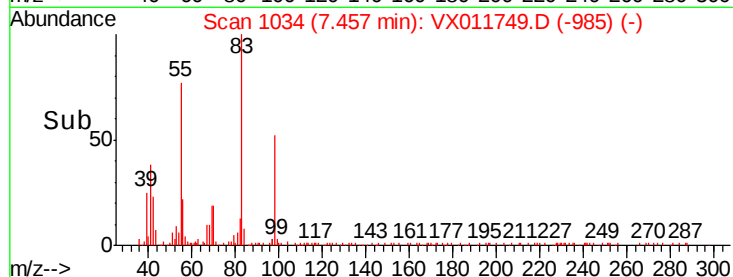
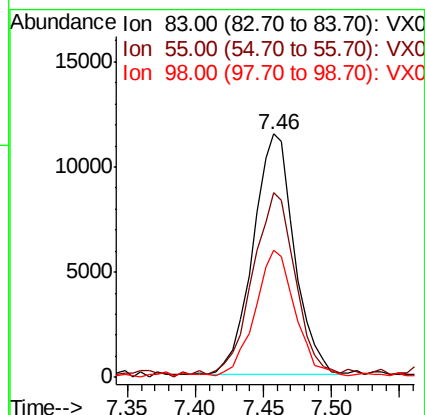
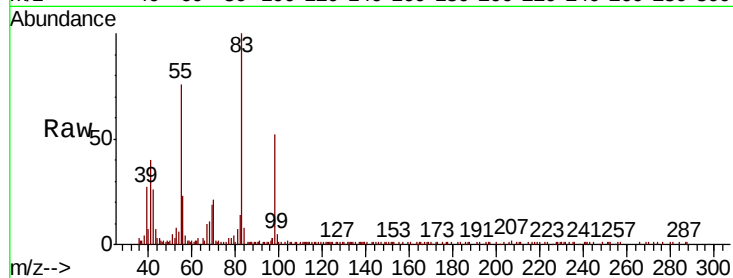




#39
Methylcyclohexane
Concen: 4.582 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX011749.D
Acq: 22 Aug 2019 09:19

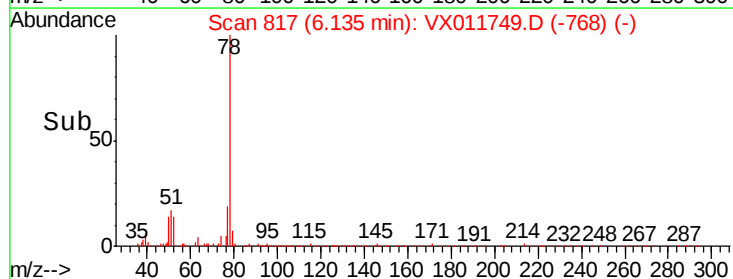
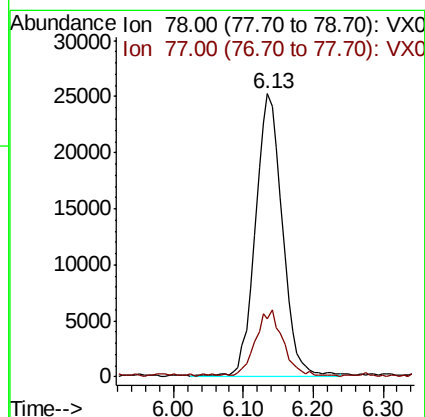
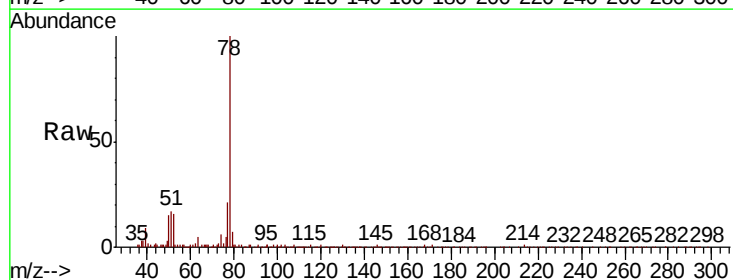
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

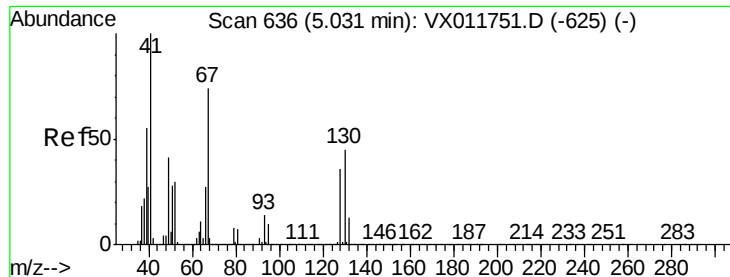
Tgt Ion	Ratio	Lower	Upper
83	100		
55	75.8	57.8	86.6
98	51.9	38.6	58.0



#40
Benzene
Concen: 5.182 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.00 min
Lab File: VX011749.D
Acq: 22 Aug 2019 09:19

Tgt Ion	Ratio	Lower	Upper
78	100		
77	20.3	19.1	28.7





#41

Methacrylonitrile

Concen: 4.569 ug/l

RT: 5.03 min Scan# 636

Delta R.T. -0.00 min

Lab File: VX011749.D

Acq: 22 Aug 2019 09:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 41 Resp: 12139

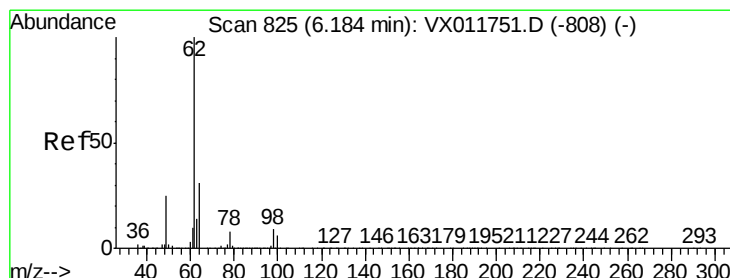
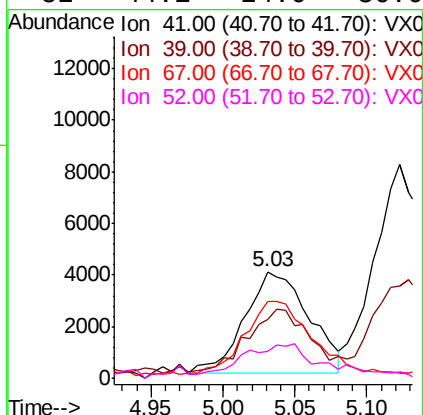
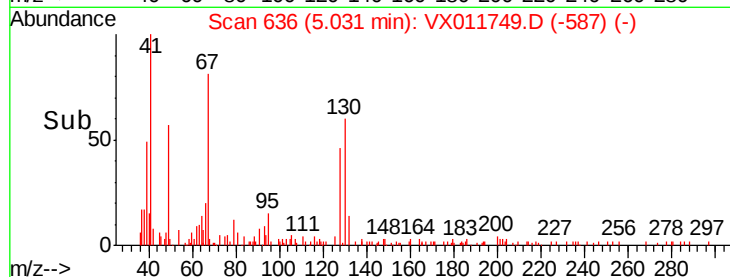
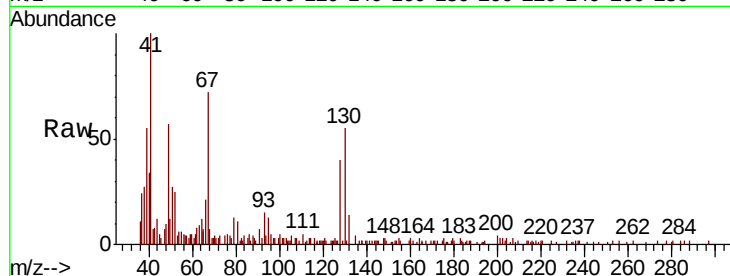
Ion Ratio Lower Upper

41 100

39 60.7 44.3 66.5

67 73.0 60.3 90.5

52 44.1 24.0 36.0#



#42

1,2-Dichloroethane

Concen: 5.293 ug/l

RT: 6.18 min Scan# 825

Delta R.T. -0.00 min

Lab File: VX011749.D

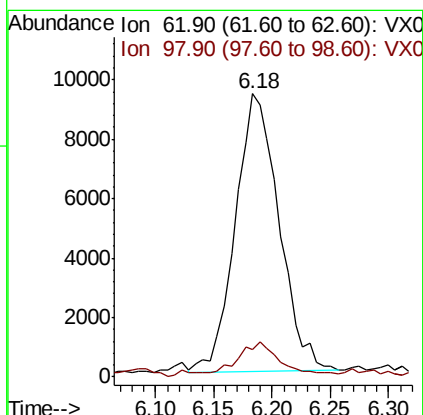
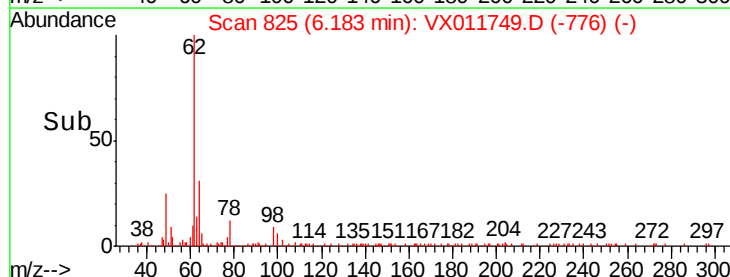
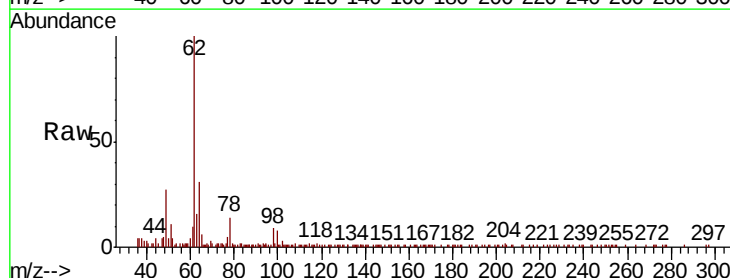
Acq: 22 Aug 2019 09:19

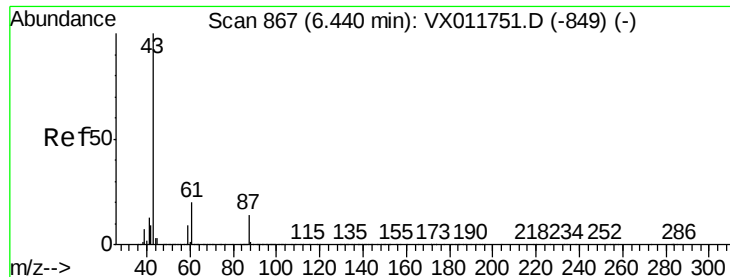
Tgt Ion: 62 Resp: 24368

Ion Ratio Lower Upper

62 100

98 10.1 0.0 18.8





#43

Isopropyl Acetate

Concen: 4.577 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.00 min

Lab File: VX011749.D

Acq: 22 Aug 2019 09:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

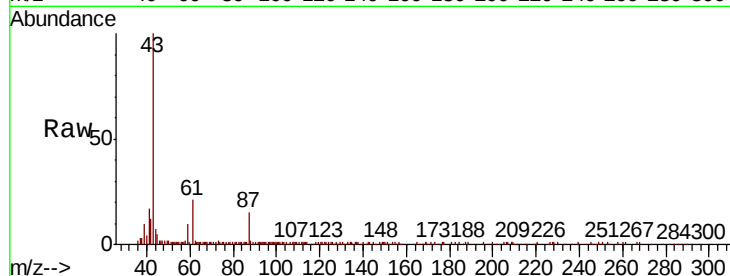
Tgt Ion: 43 Resp: 34780

Ion Ratio Lower Upper

43 100

61 19.7 16.2 24.2

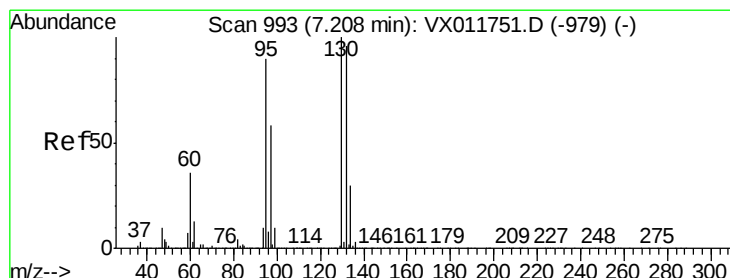
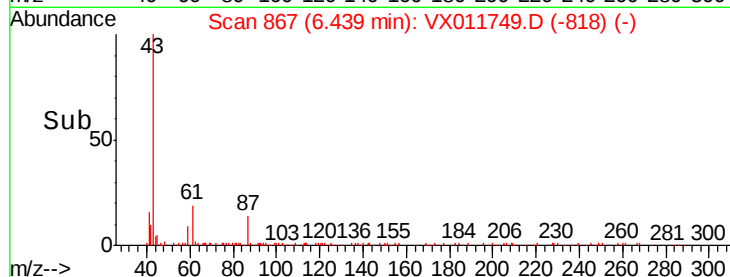
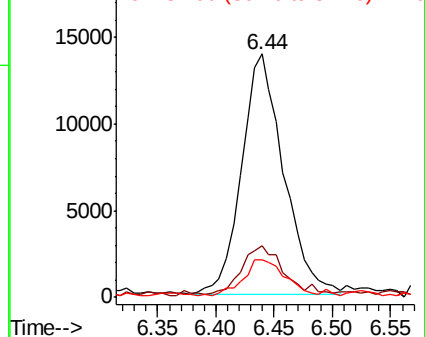
87 14.2 11.6 17.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 5.251 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.01 min

Lab File: VX011749.D

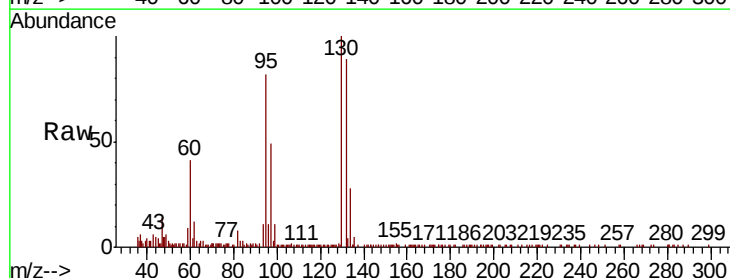
Acq: 22 Aug 2019 09:19

Tgt Ion: 130 Resp: 20703

Ion Ratio Lower Upper

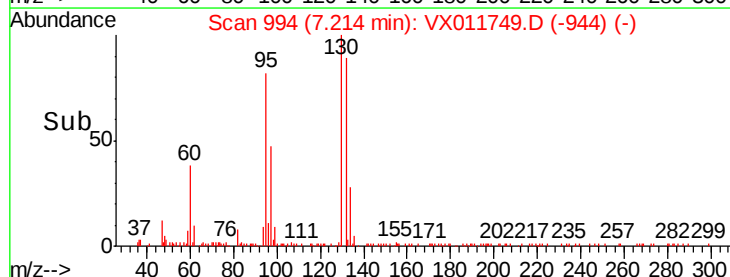
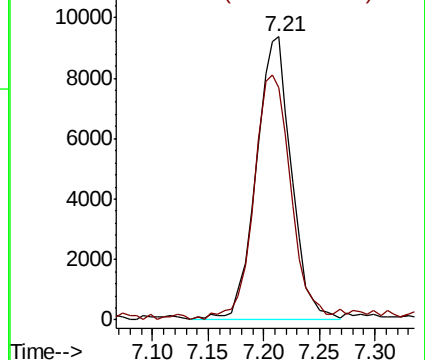
130 100

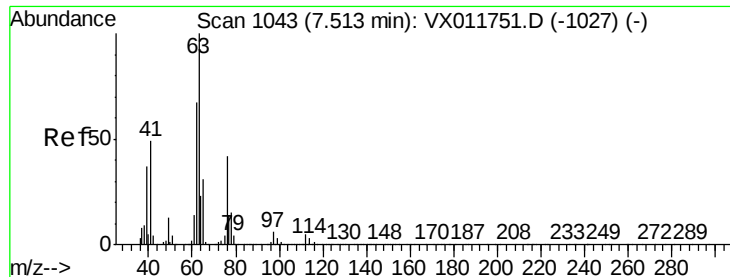
95 82.1 0.0 179.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 4.989 ug/l

RT: 7.51 min Scan# 1042

Delta R.T. -0.01 min

Lab File: VX011749.D

Acq: 22 Aug 2019 09:19

Instrument :

MSVOA_X

ClientSampleId :

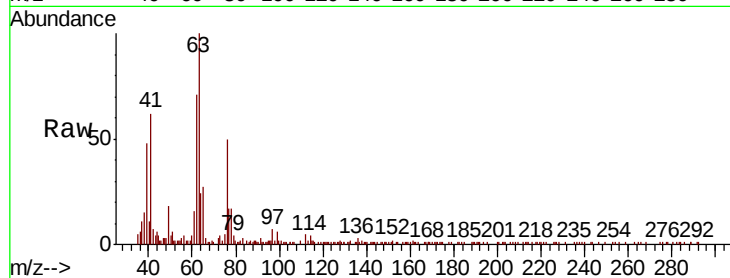
VSTDIC005

Tgt Ion: 63 Resp: 16394

Ion Ratio Lower Upper

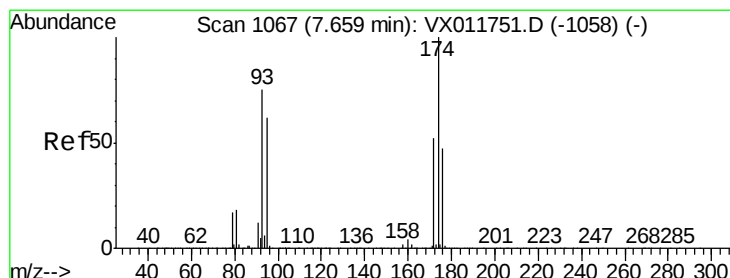
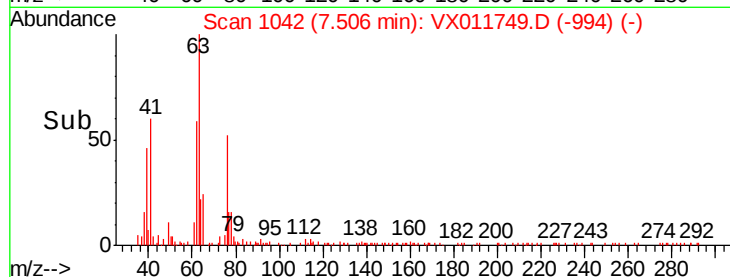
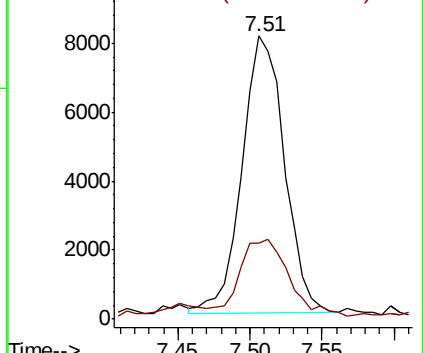
63 100

65 25.1 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 5.292 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX011749.D

Acq: 22 Aug 2019 09:19

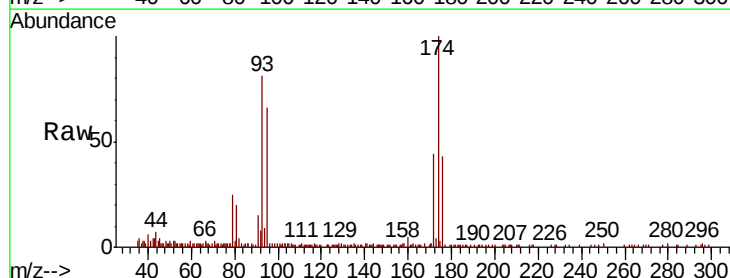
Tgt Ion: 93 Resp: 12746

Ion Ratio Lower Upper

93 100

95 83.1 66.2 99.2

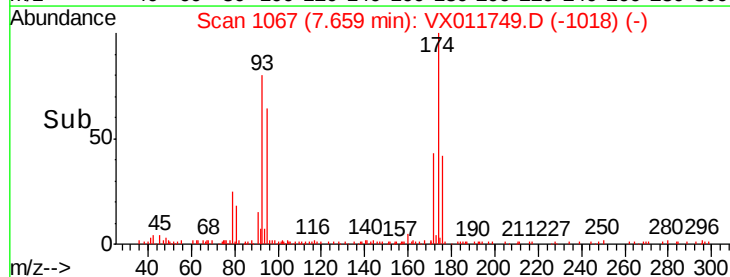
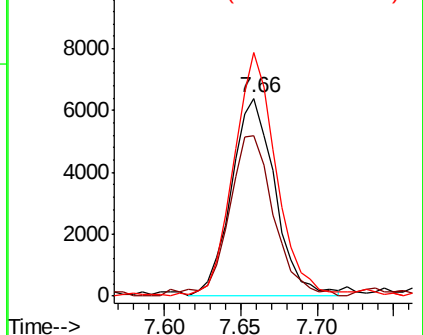
174 119.4 104.2 156.4

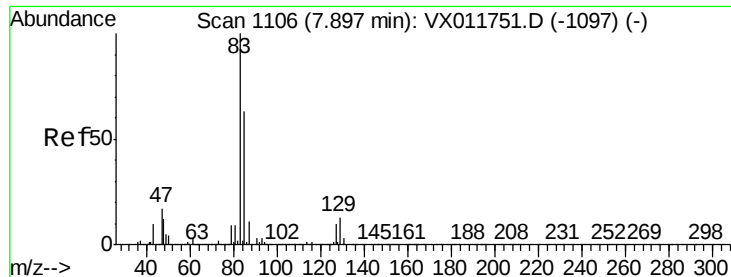


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 4.757 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX011749.D

Acq: 22 Aug 2019 09:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

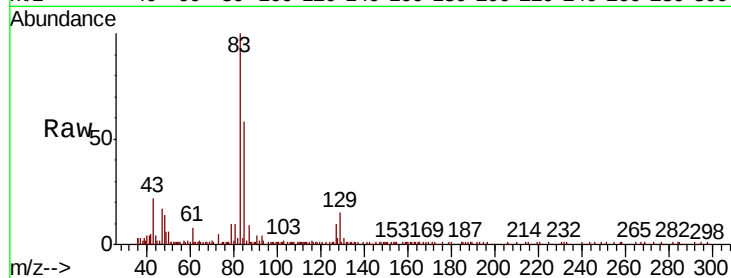
Tgt Ion: 83 Resp: 20964

Ion Ratio Lower Upper

83 100

85 58.7 50.6 76.0

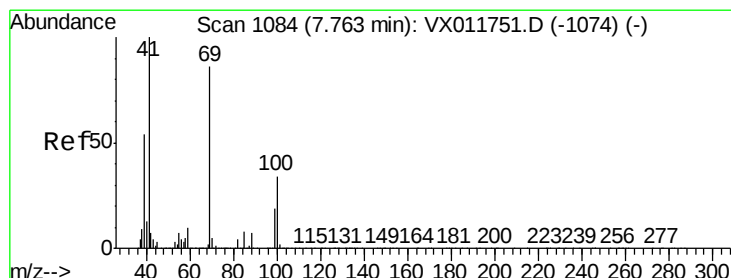
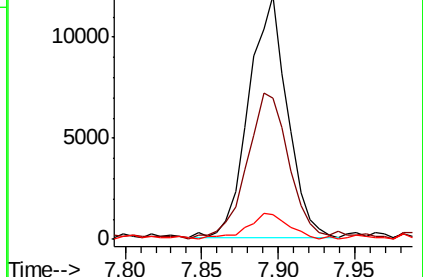
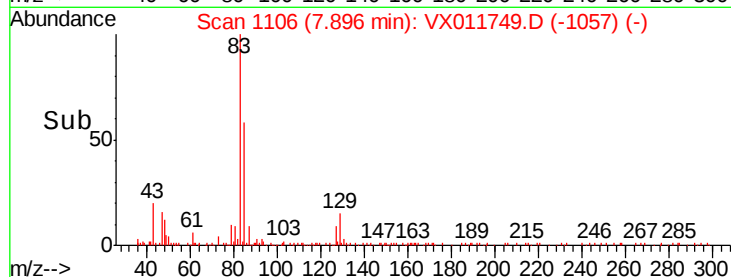
127 9.5 8.4 12.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 4.650 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.01 min

Lab File: VX011749.D

Acq: 22 Aug 2019 09:19

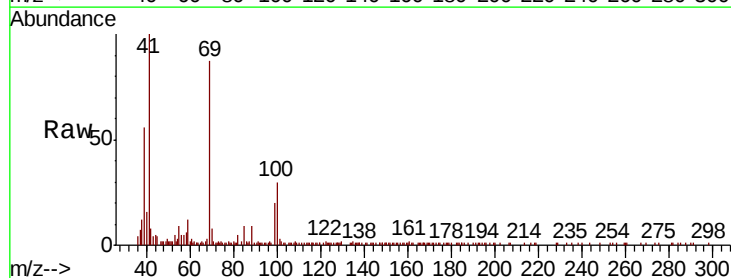
Tgt Ion: 41 Resp: 17479

Ion Ratio Lower Upper

41 100

69 92.5 69.4 104.2

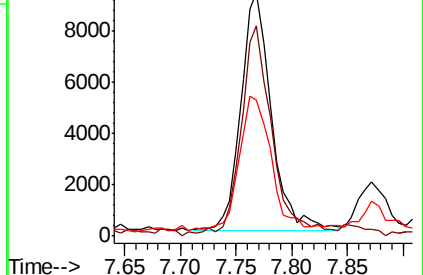
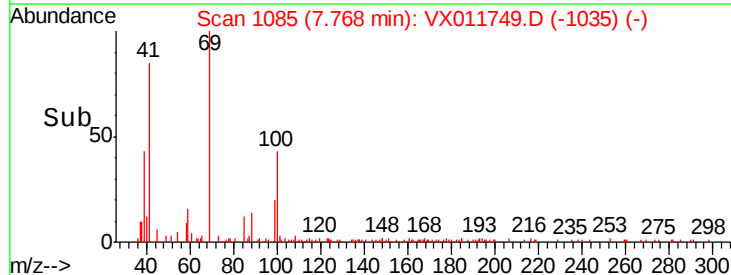
39 56.5 43.6 65.4

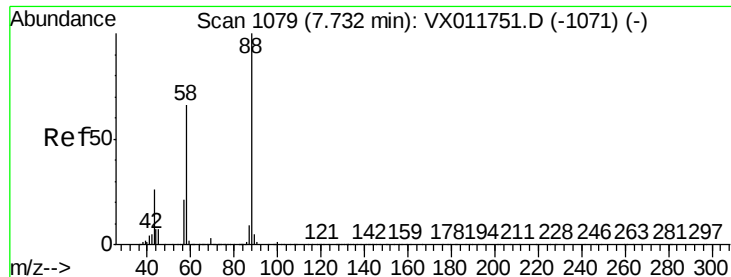


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

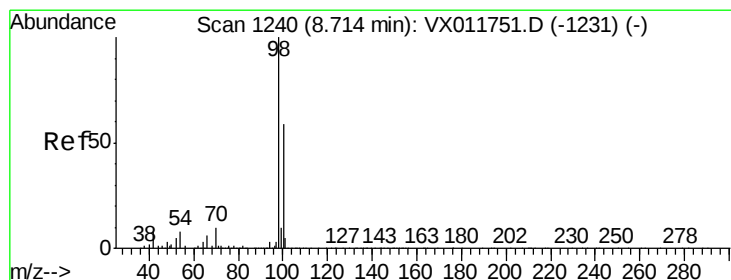
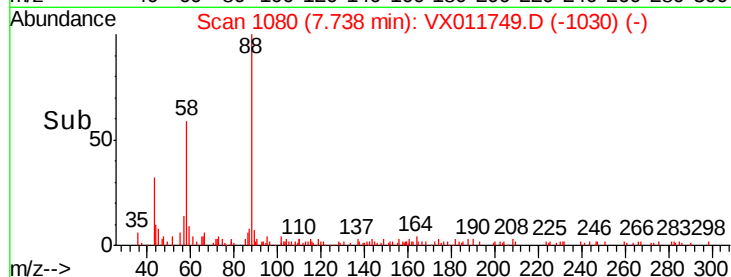
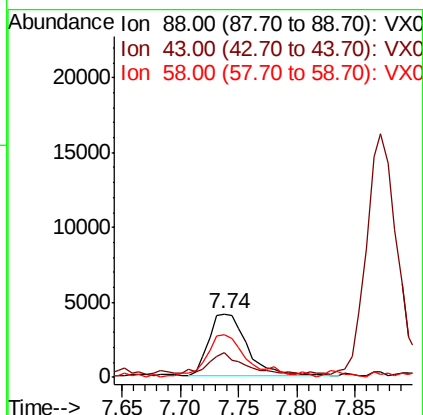
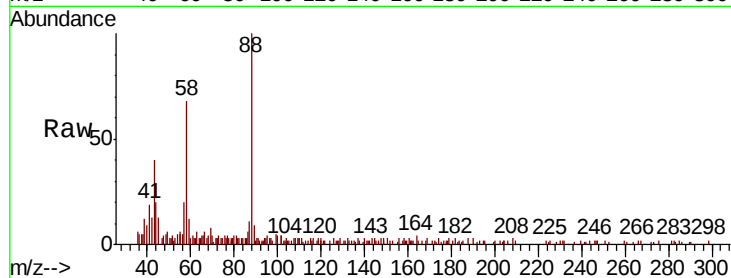




#49
1,4-Dioxane
Concen: 92.911 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.01 min
Lab File: VX011749.D
Acq: 22 Aug 2019 09:19

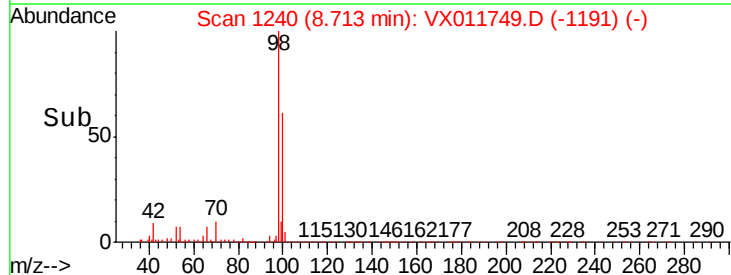
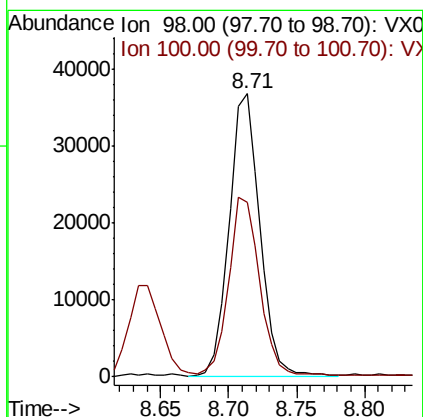
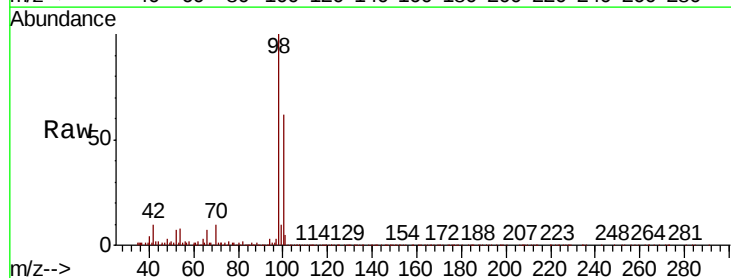
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

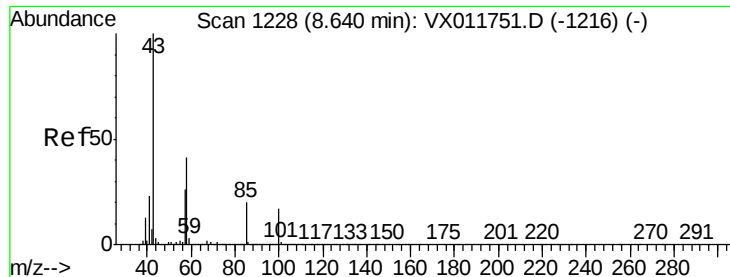
Tgt Ion: 88 Resp: 9318
Ion Ratio Lower Upper
88 100
43 30.7 24.6 37.0
58 74.1 51.4 77.2



#50
Toluene-d8
Concen: 5.339 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX011749.D
Acq: 22 Aug 2019 09:19

Tgt Ion: 98 Resp: 57268
Ion Ratio Lower Upper
98 100
100 64.2 52.1 78.1

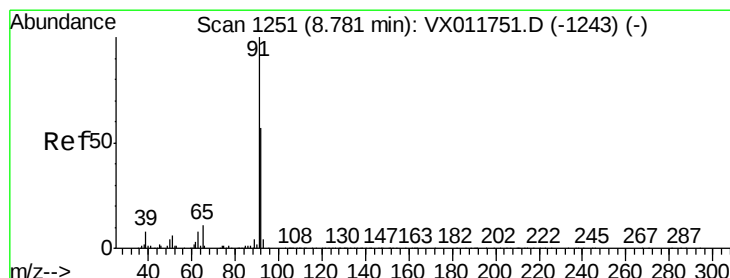
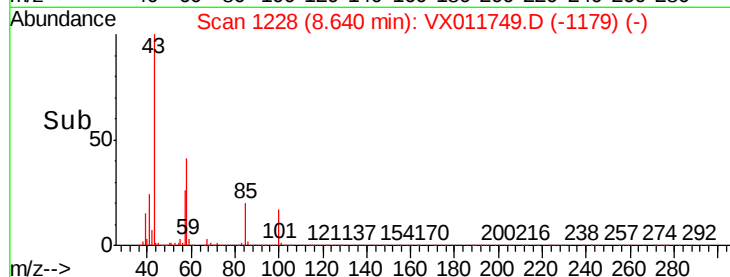
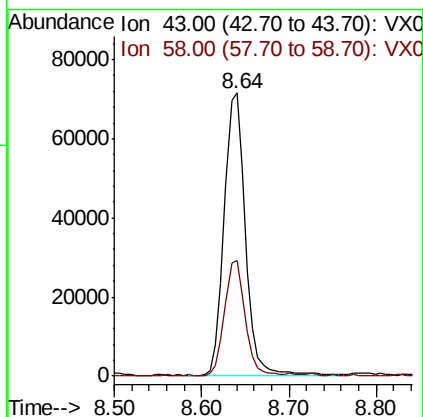
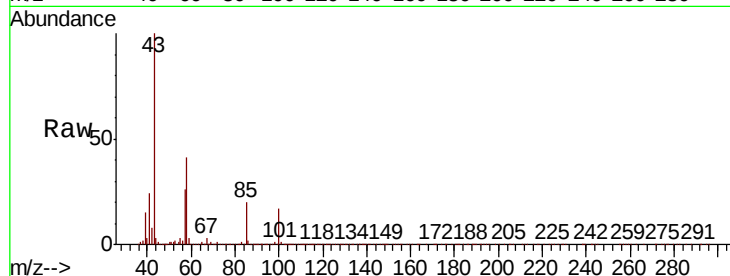




#51
 4-Methyl-2-Pentanone
 Concen: 24.307 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VX011749.D
 Acq: 22 Aug 2019 09:19

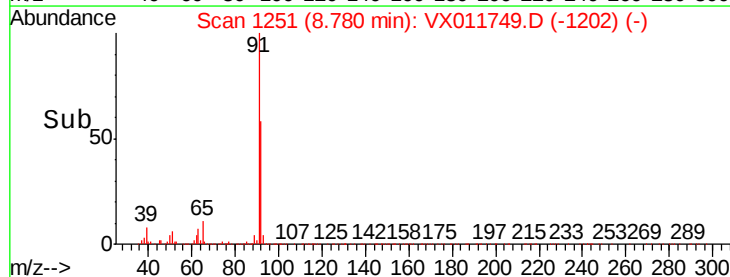
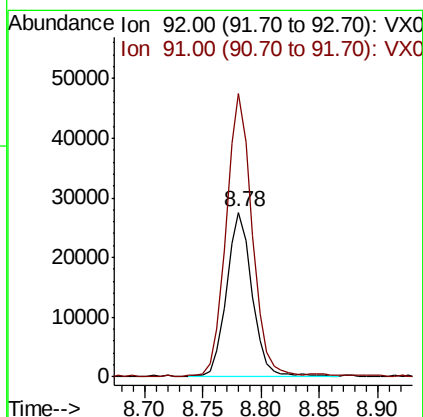
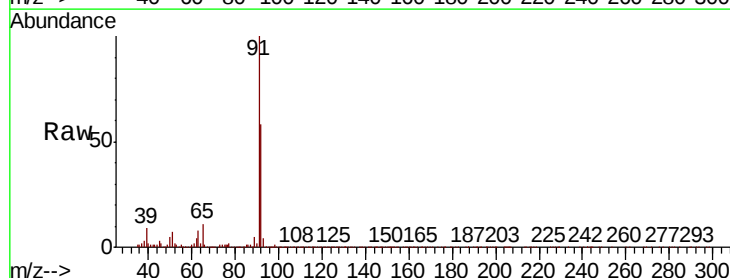
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

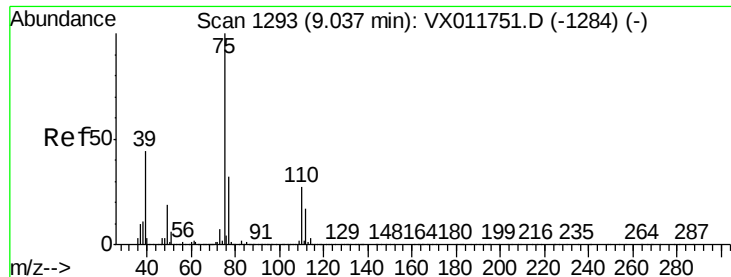
Tgt Ion: 43 Resp: 120341
 Ion Ratio Lower Upper
 43 100
 58 39.4 31.8 47.6



#52
 Toluene
 Concen: 4.906 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: VX011749.D
 Acq: 22 Aug 2019 09:19

Tgt Ion: 92 Resp: 41439
 Ion Ratio Lower Upper
 92 100
 91 175.8 138.6 207.8





#53

t-1,3-Dichloropropene

Concen: 4.507 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VX011749.D

Acq: 22 Aug 2019 09:19

Instrument :

MSVOA_X

ClientSampleId :

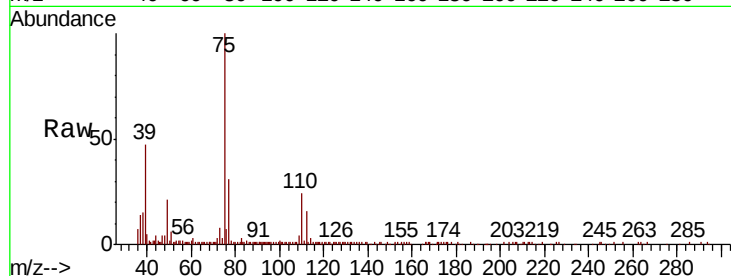
VSTDIC005

Tgt Ion: 75 Resp: 20601

Ion Ratio Lower Upper

75 100

77 30.6 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

15000

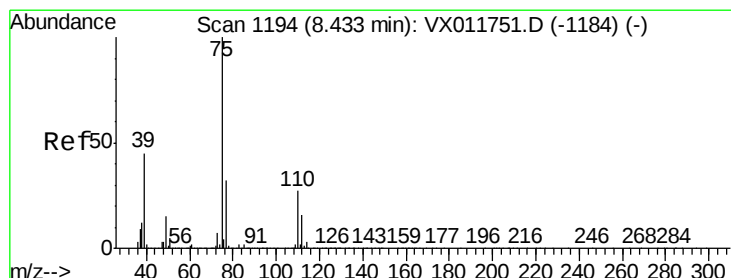
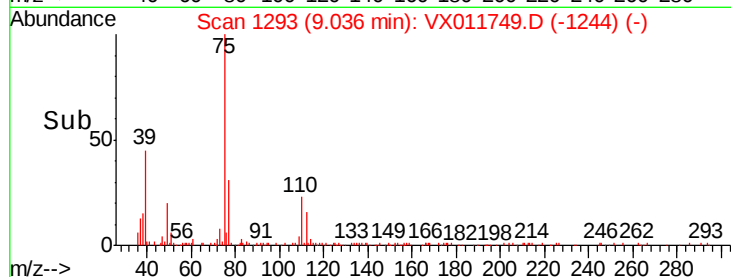
10000

5000

0

Time-->

9.00 9.05 9.10



#54

cis-1,3-Dichloropropene

Concen: 4.865 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX011749.D

Acq: 22 Aug 2019 09:19

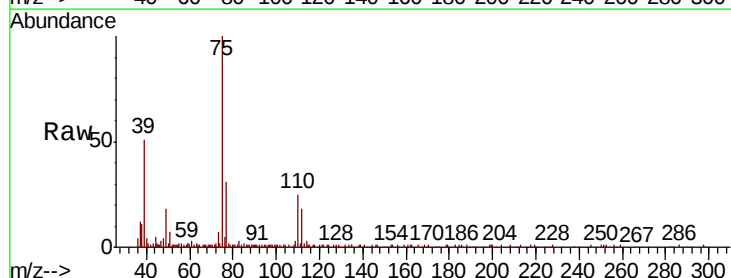
Tgt Ion: 75 Resp: 24282

Ion Ratio Lower Upper

75 100

77 30.8 25.4 38.2

39 49.6 36.2 54.4



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

8.43

20000

15000

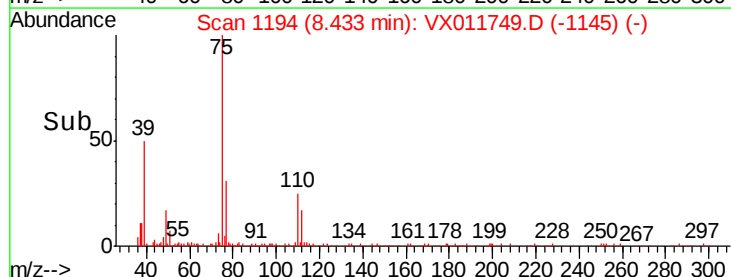
10000

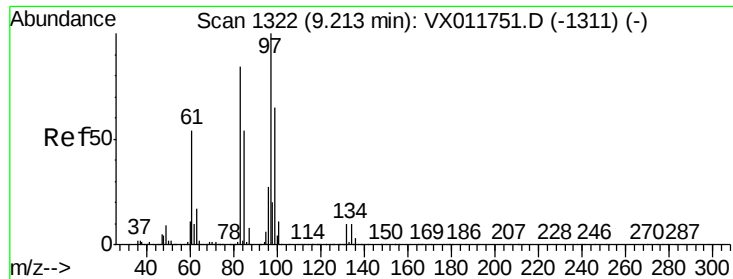
5000

0

Time-->

8.35 8.40 8.45 8.50

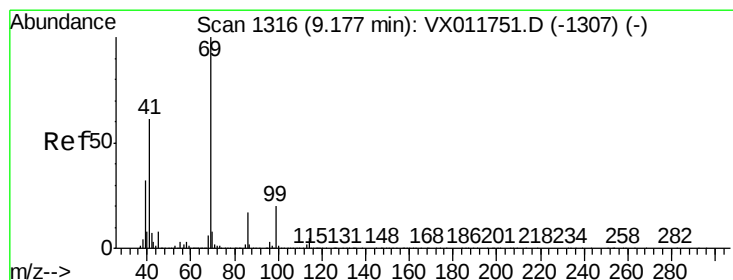
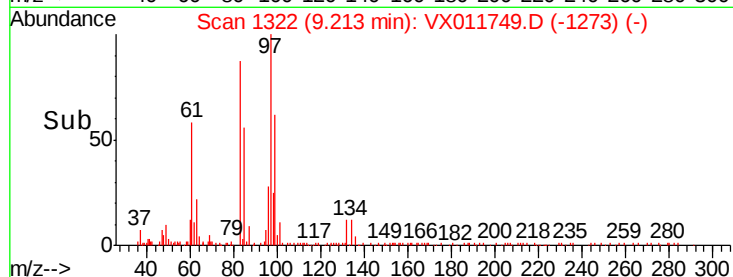
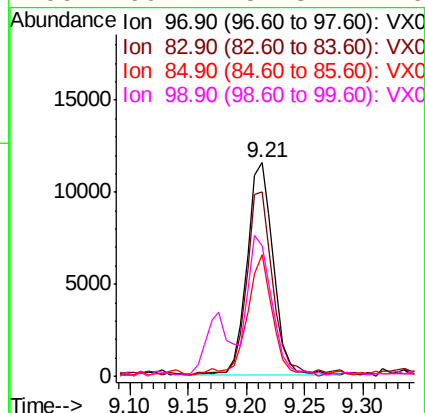
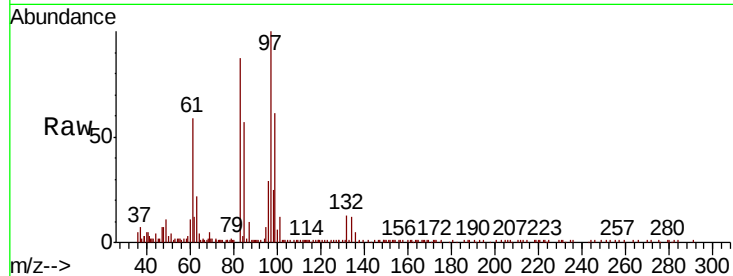




#55
 1,1,2-Trichloroethane
 Concen: 5.010 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX011749.D
 Acq: 22 Aug 2019 09:19

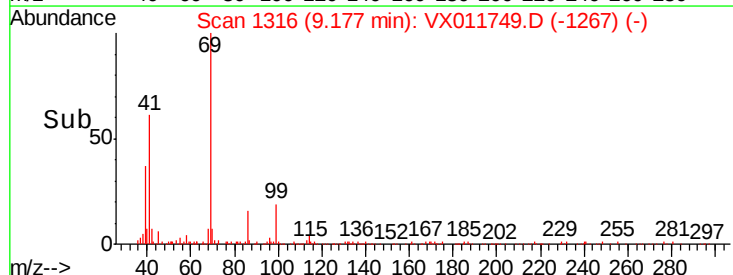
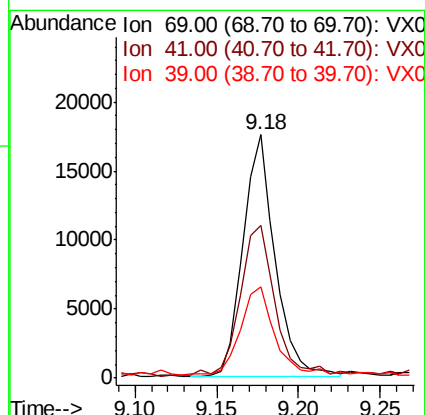
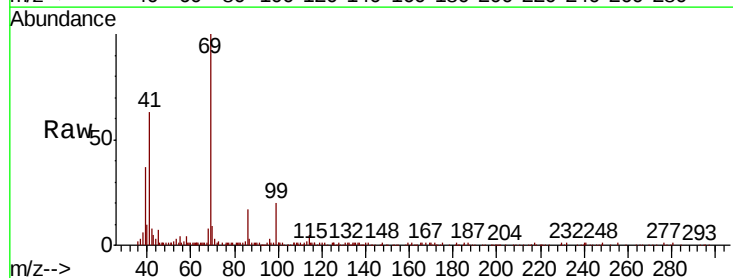
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

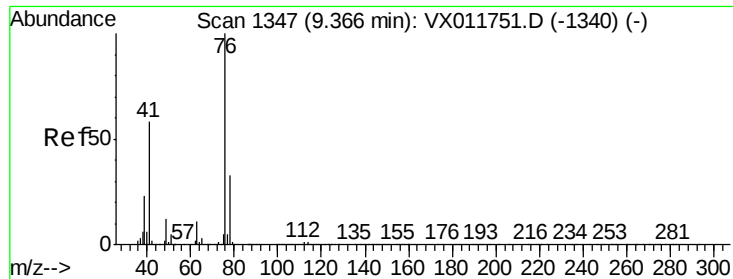
Tgt Ion:	97	Resp:	17945
Ion	Ratio	Lower	Upper
97	100		
83	85.5	67.3	100.9
85	56.5	43.4	65.2
99	60.7	51.8	77.6



#56
 Ethyl methacrylate
 Concen: 4.633 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX011749.D
 Acq: 22 Aug 2019 09:19

Tgt Ion:	69	Resp:	24092
Ion	Ratio	Lower	Upper
69	100		
41	68.5	50.7	76.1
39	37.3	26.4	39.6





#57

1,3-Dichloropropane

Concen: 5.126 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.00 min

Lab File: VX011749.D

Acq: 22 Aug 2019 09:19

Instrument :

MSVOA_X

ClientSampleId :

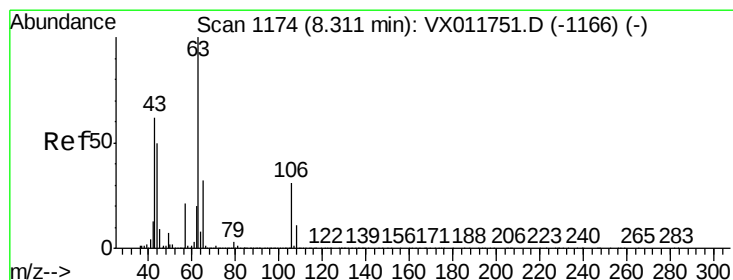
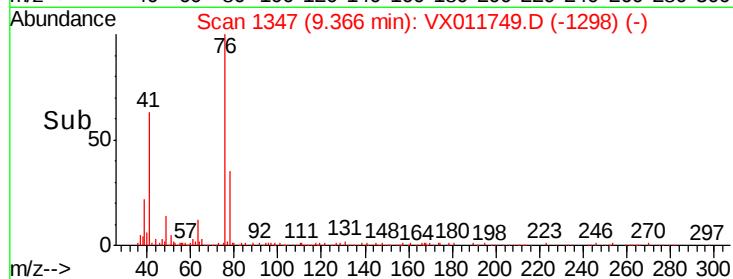
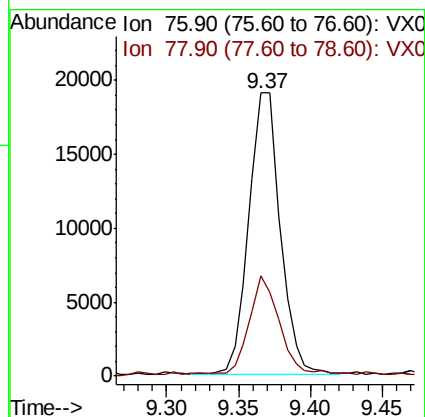
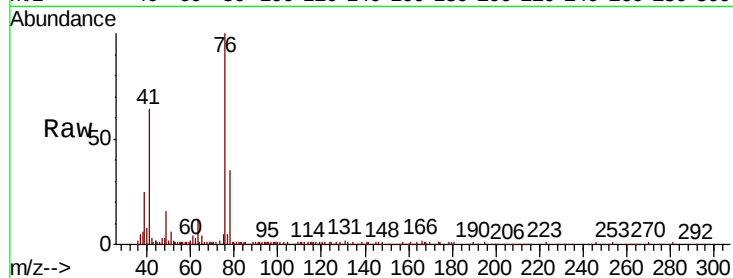
VSTDIC005

Tgt Ion: 76 Resp: 28981

Ion Ratio Lower Upper

76 100

78 33.6 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 22.607 ug/l

RT: 8.30 min Scan# 1173

Delta R.T. -0.01 min

Lab File: VX011749.D

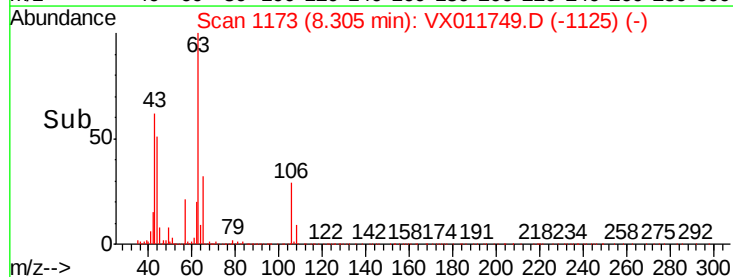
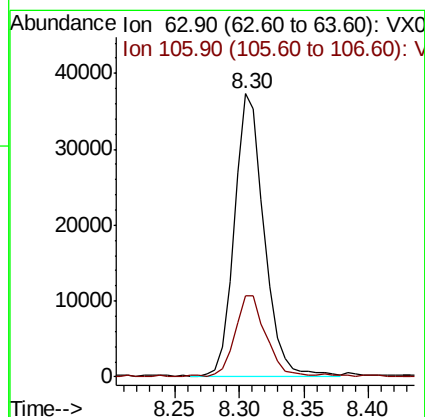
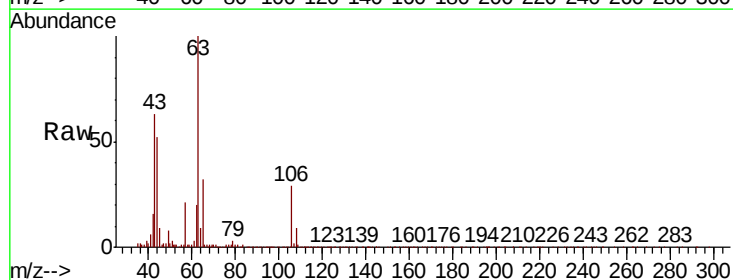
Acq: 22 Aug 2019 09:19

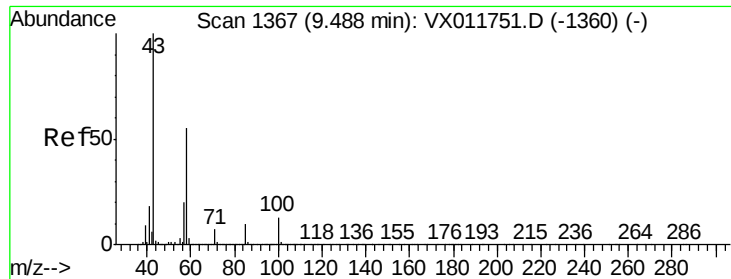
Tgt Ion: 63 Resp: 59202

Ion Ratio Lower Upper

63 100

106 29.6 24.9 37.3

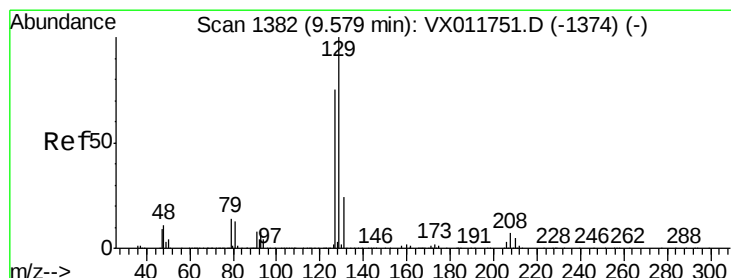
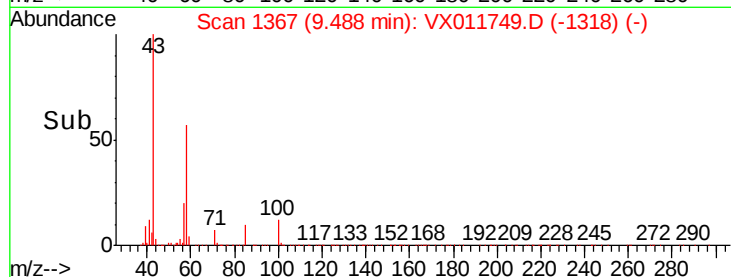
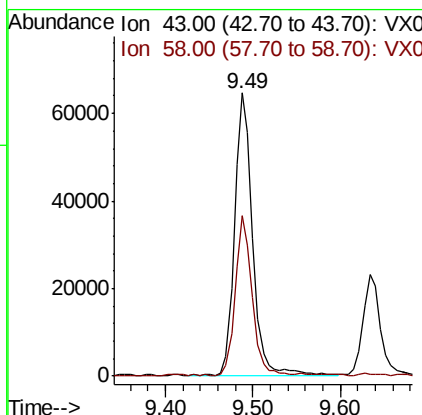
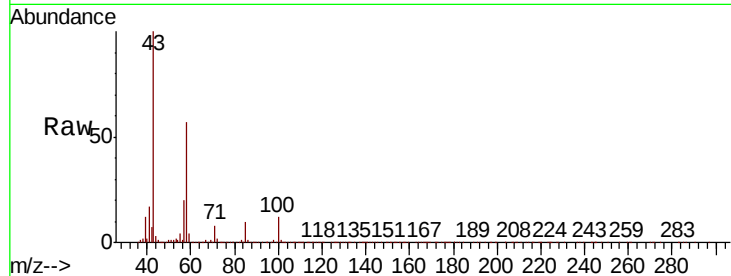




#59
2-Hexanone
Concen: 24.753 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX011749.D
Acq: 22 Aug 2019 09:19

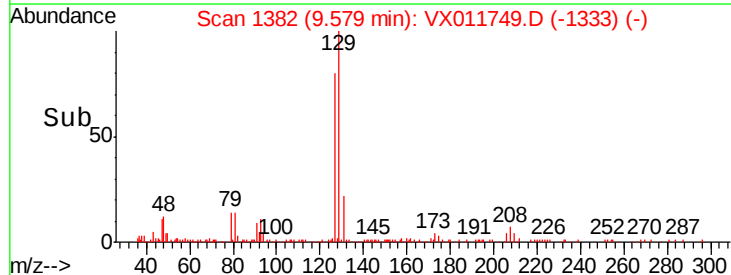
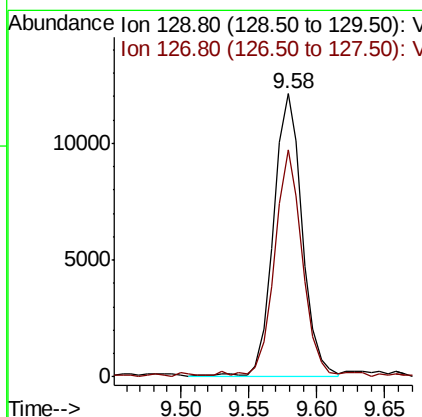
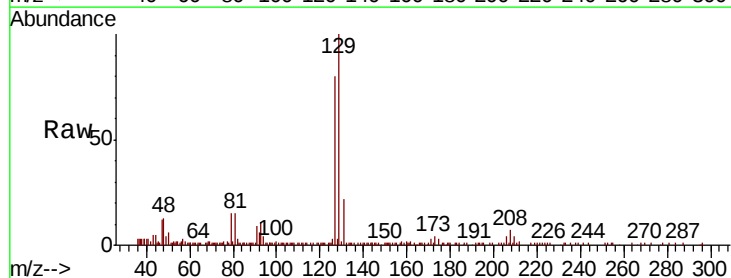
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

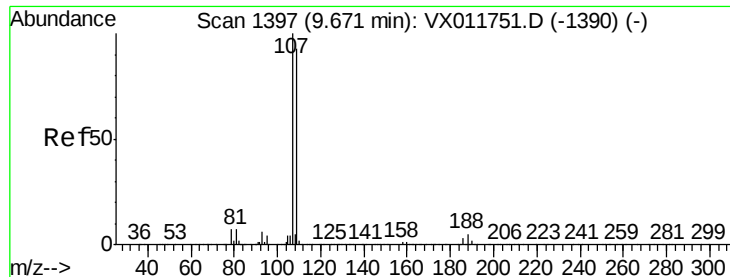
Tgt Ion: 43 Resp: 94639
Ion Ratio Lower Upper
43 100
58 51.9 27.7 83.1



#60
Dibromochloromethane
Concen: 4.790 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX011749.D
Acq: 22 Aug 2019 09:19

Tgt Ion: 129 Resp: 17836
Ion Ratio Lower Upper
129 100
127 74.6 38.3 114.8





#61

1,2-Dibromoethane

Concen: 4.932 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX011749.D

Acq: 22 Aug 2019 09:19

Instrument :

MSVOA_X

ClientSampleId :

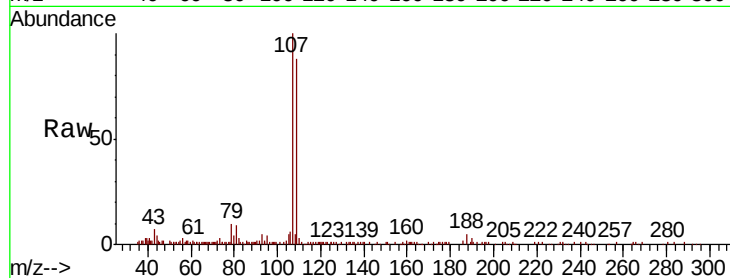
VSTDIC005

Tgt Ion: 107 Resp: 18884

Ion Ratio Lower Upper

107 100

109 97.5 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

15000

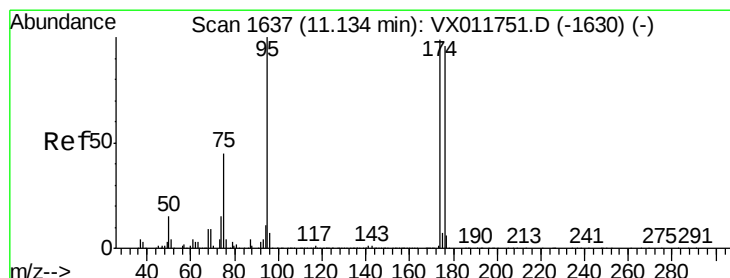
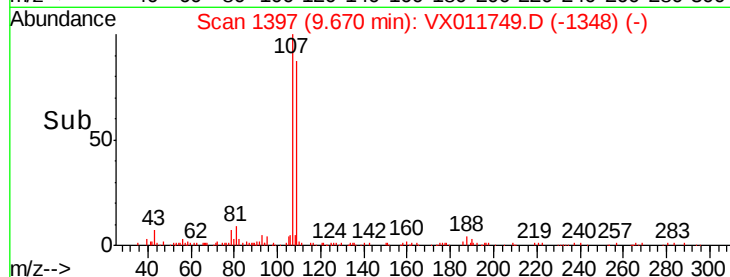
10000

5000

0

9.60 9.65 9.70

Time-->



#62

4-Bromofluorobenzene

Concen: 5.921 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011749.D

Acq: 22 Aug 2019 09:19

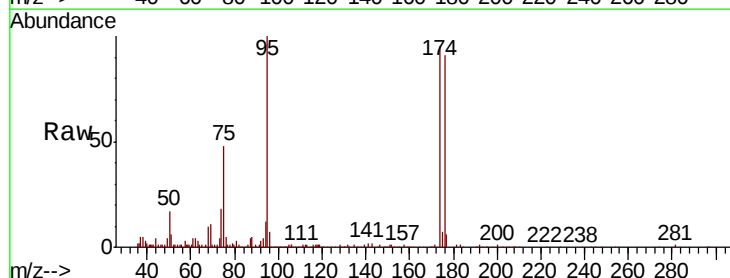
Tgt Ion: 95 Resp: 26247

Ion Ratio Lower Upper

95 100

174 98.0 0.0 197.4

176 98.6 0.0 194.4



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

25000

20000

15000

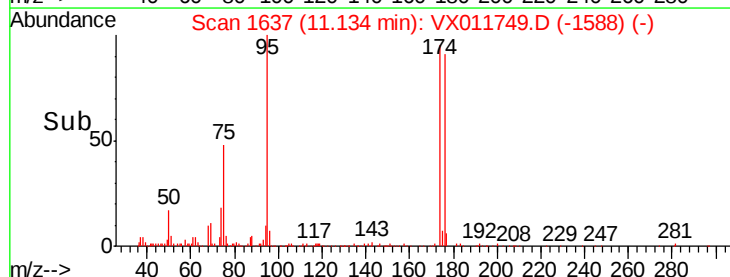
10000

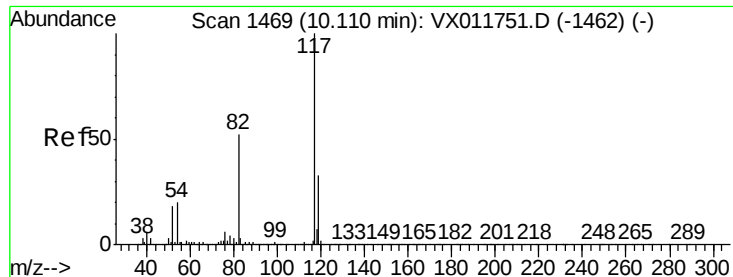
5000

0

11.10 11.15 11.20

Time-->

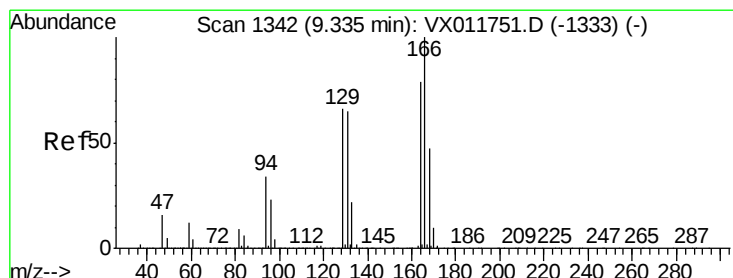
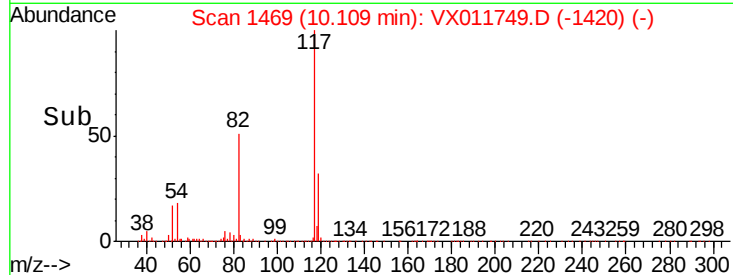
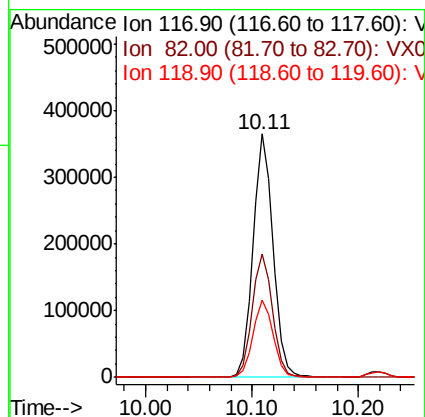
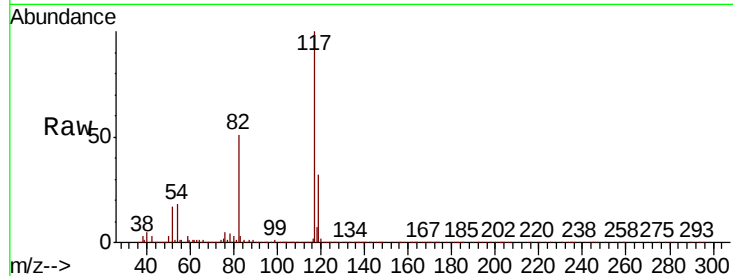




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011749.D
Acq: 22 Aug 2019 09:19

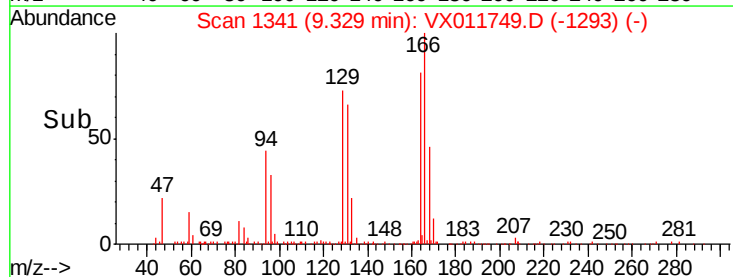
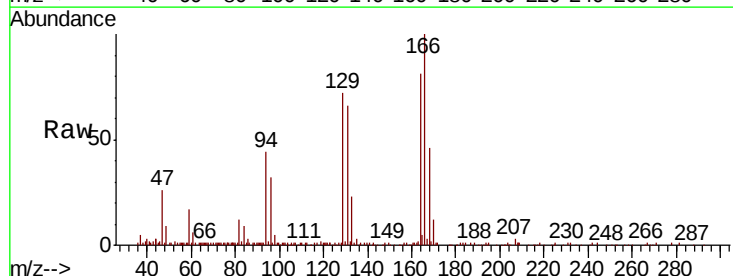
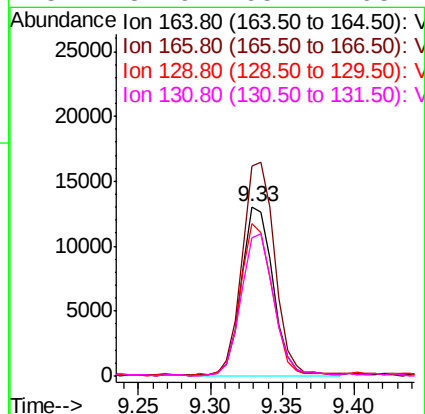
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

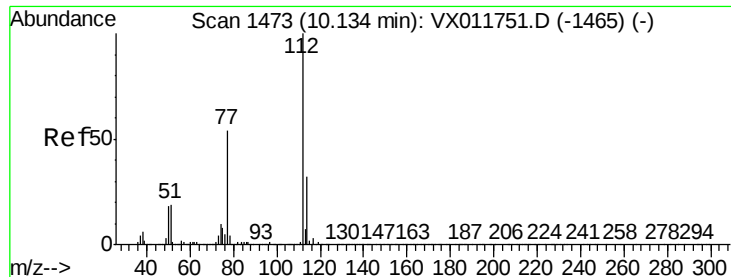
Tgt Ion	Ratio	Lower	Upper
117	100		
82	50.7	41.7	62.5
119	31.6	26.2	39.2



#64
Tetrachloroethene
Concen: 5.038 ug/l
RT: 9.33 min Scan# 1341
Delta R.T. -0.01 min
Lab File: VX011749.D
Acq: 22 Aug 2019 09:19

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.4	100.7	151.1
129	90.1	66.8	100.2
131	81.6	65.4	98.2





#65

Chlorobenzene

Concen: 5.215 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.00 min

Lab File: VX011749.D

Acq: 22 Aug 2019 09:19

Instrument :

MSVOA_X

ClientSampleId :

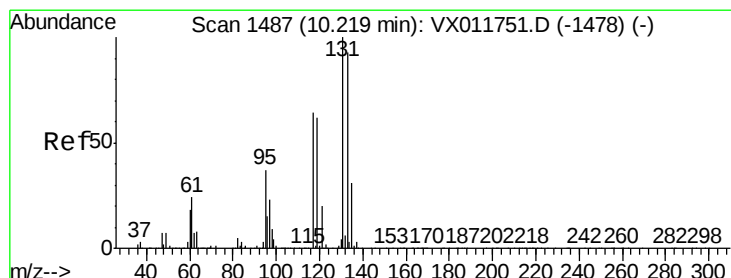
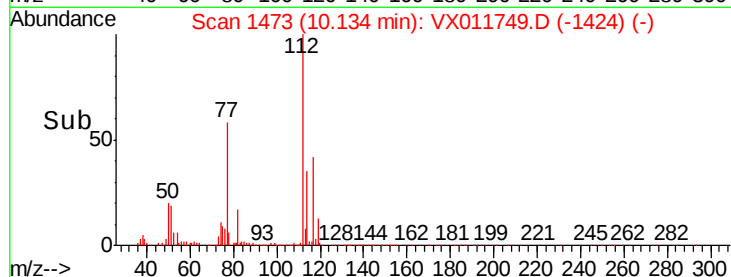
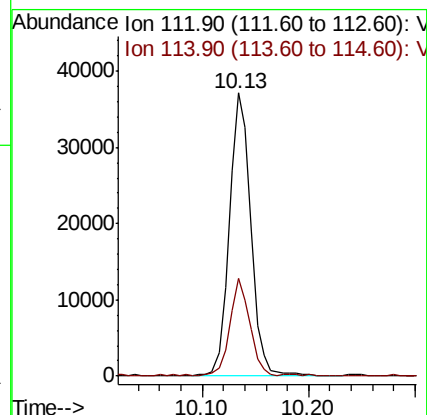
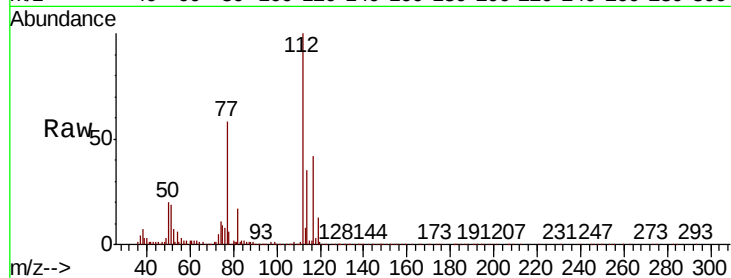
VSTDIC005

Tgt Ion:112 Resp: 52721

Ion Ratio Lower Upper

112 100

114 34.6 25.4 38.0



#66

1,1,1,2-Tetrachloroethane

Concen: 4.942 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX011749.D

Acq: 22 Aug 2019 09:19

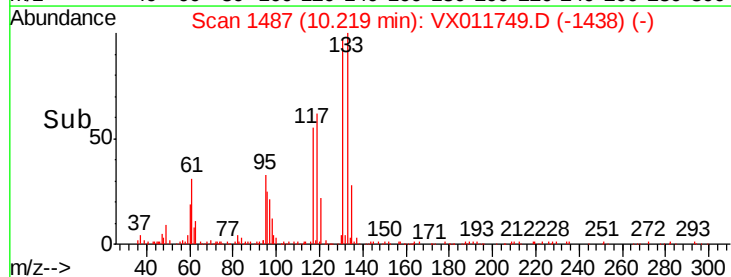
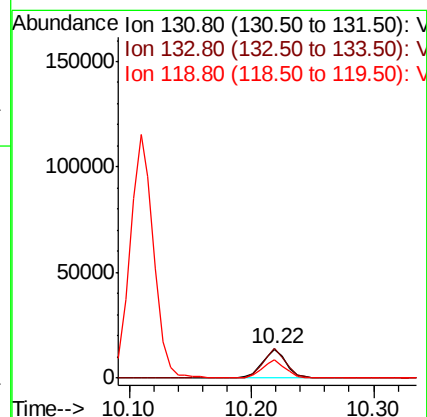
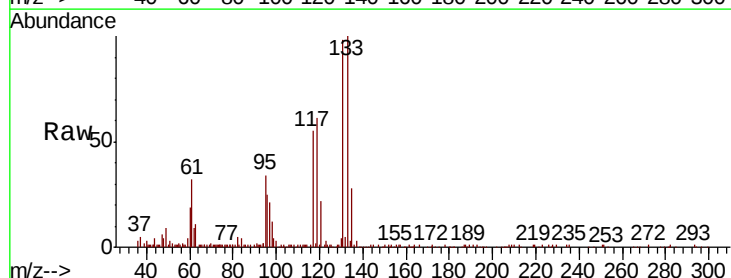
Tgt Ion:131 Resp: 18734

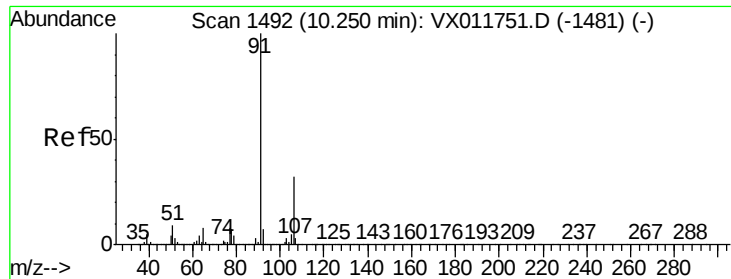
Ion Ratio Lower Upper

131 100

133 97.2 47.8 143.4

119 62.1 31.3 93.8

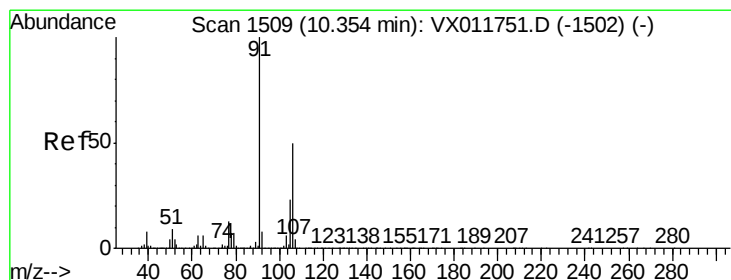
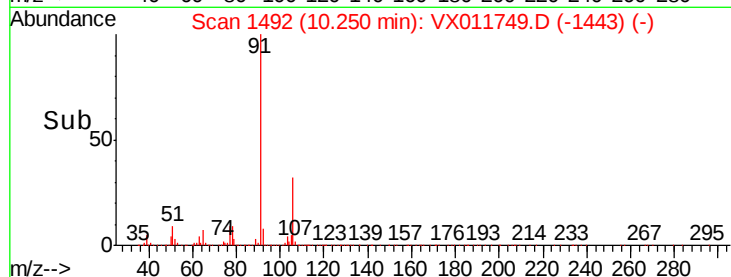
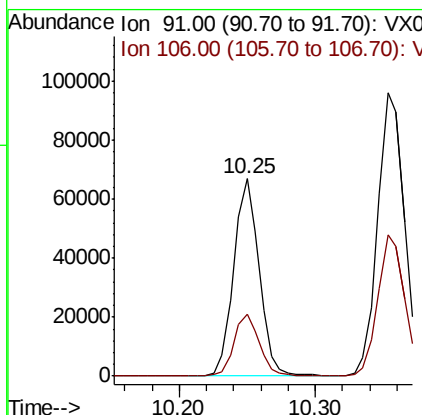
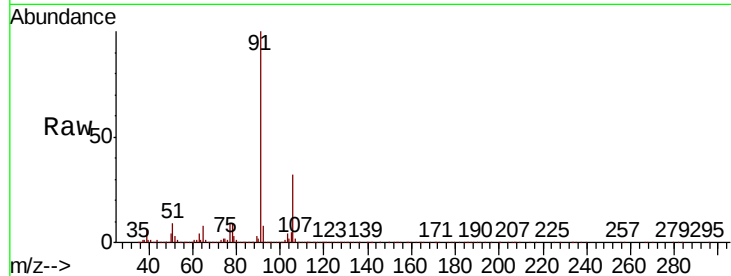




#67
Ethyl Benzene
Concen: 5.119 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX011749.D
Acq: 22 Aug 2019 09:19

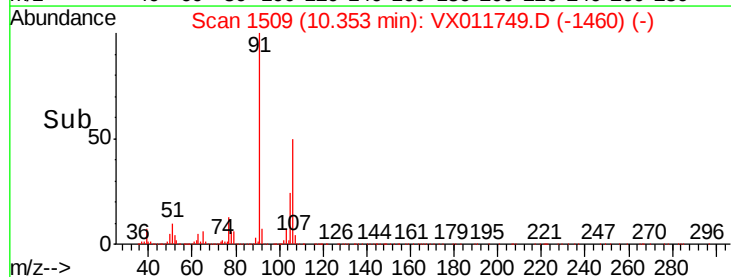
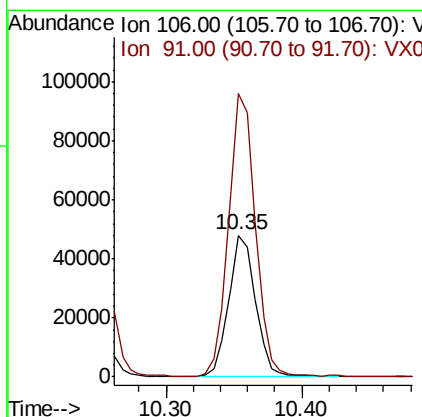
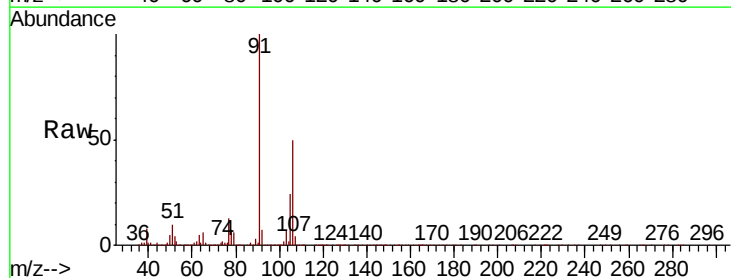
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

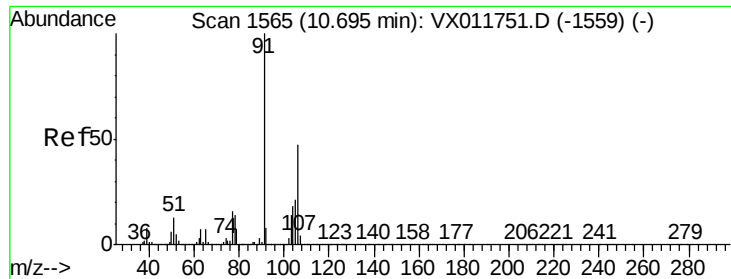
Tgt Ion: 91 Resp: 87177
Ion Ratio Lower Upper
91 100
106 31.5 25.5 38.3



#68
m/p-Xylenes
Concen: 10.041 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.00 min
Lab File: VX011749.D
Acq: 22 Aug 2019 09:19

Tgt Ion: 106 Resp: 65680
Ion Ratio Lower Upper
106 100
91 200.6 158.3 237.5

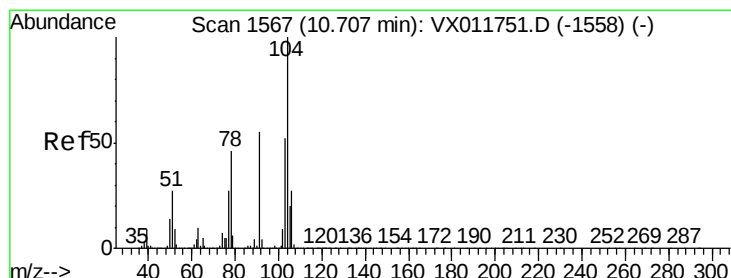
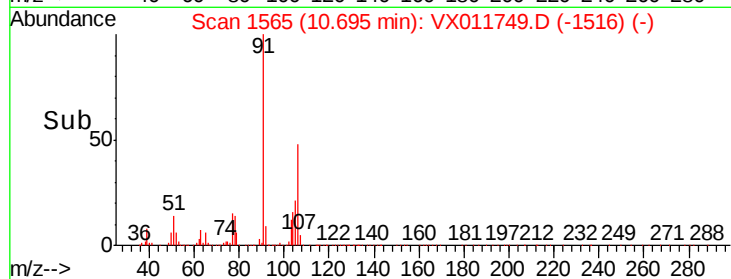
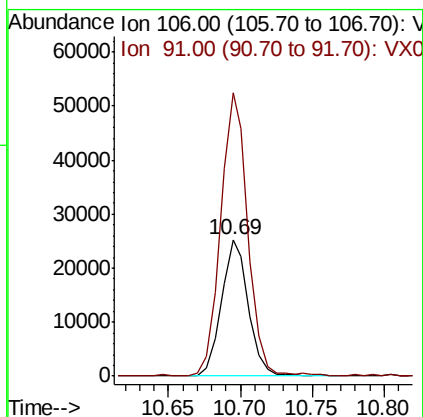
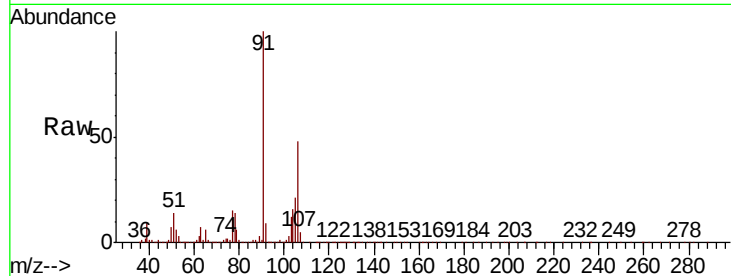




#69
o-Xylene
Concen: 5.137 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX011749.D
Acq: 22 Aug 2019 09:19

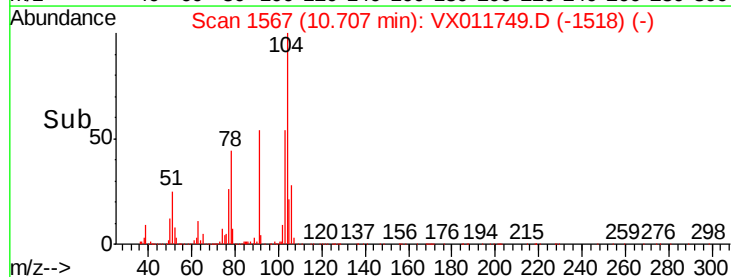
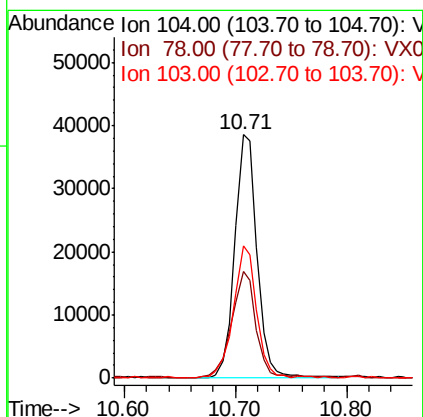
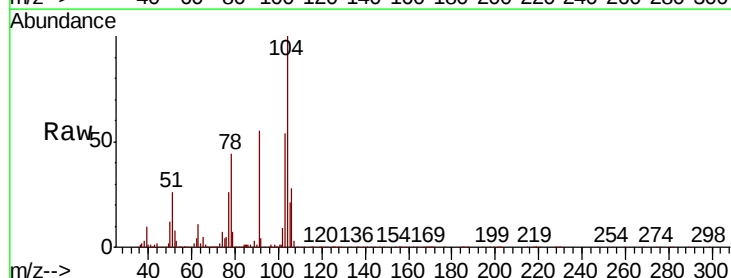
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

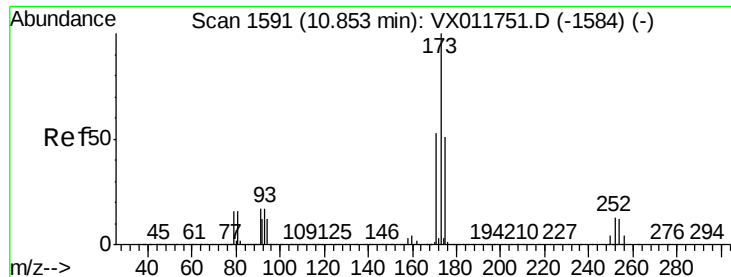
Tgt Ion:106 Resp: 32939
Ion Ratio Lower Upper
106 100
91 208.9 105.0 314.9



#70
Styrene
Concen: 5.011 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX011749.D
Acq: 22 Aug 2019 09:19

Tgt Ion:104 Resp: 53806
Ion Ratio Lower Upper
104 100
78 48.3 39.2 58.8
103 56.7 44.5 66.7





#71

Bromoform

Concen: 4.502 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX011749.D

Acq: 22 Aug 2019 09:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

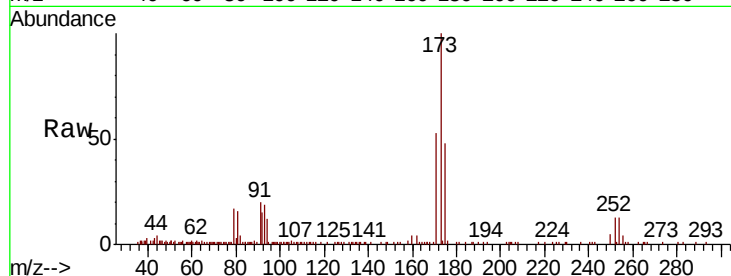
Tgt Ion:173 Resp: 14486

Ion Ratio Lower Upper

173 100

175 49.6 25.1 75.3

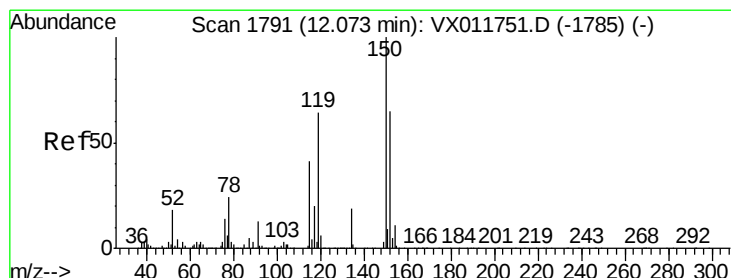
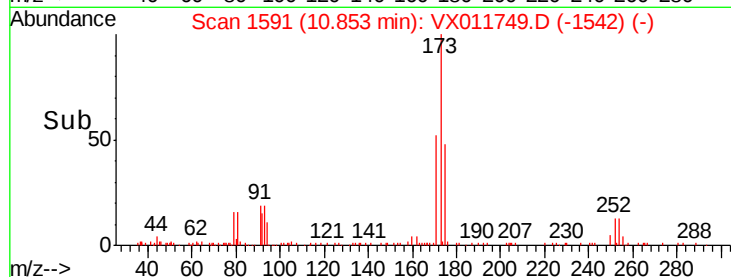
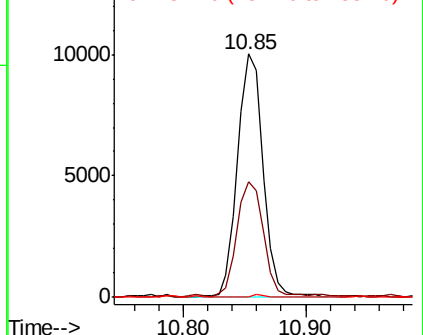
254 0.4 0.2 0.4#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1791

Delta R.T. -0.00 min

Lab File: VX011749.D

Acq: 22 Aug 2019 09:19

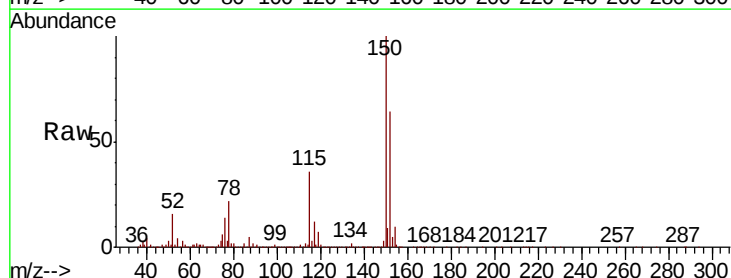
Tgt Ion:152 Resp: 266474

Ion Ratio Lower Upper

152 100

115 54.8 37.3 111.8

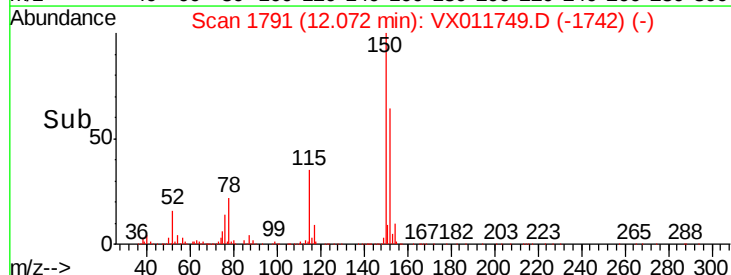
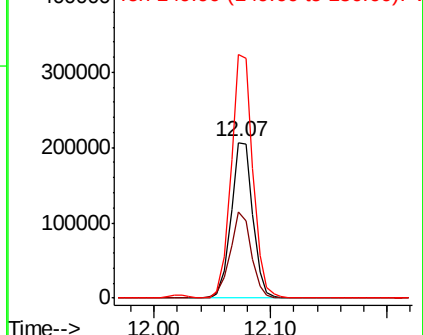
150 156.8 0.0 343.0

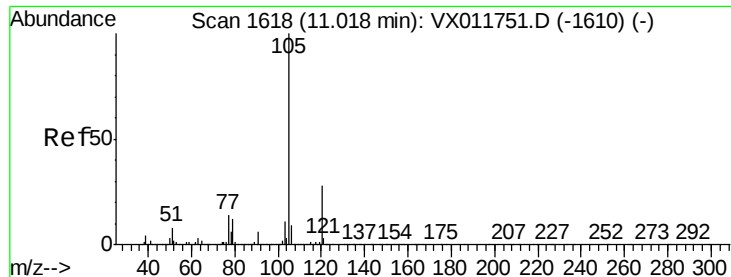


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 5.127 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX011749.D

Acq: 22 Aug 2019 09:19

Instrument :

MSVOA_X

ClientSampleId :

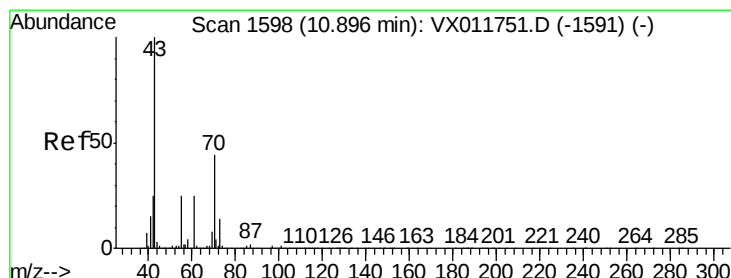
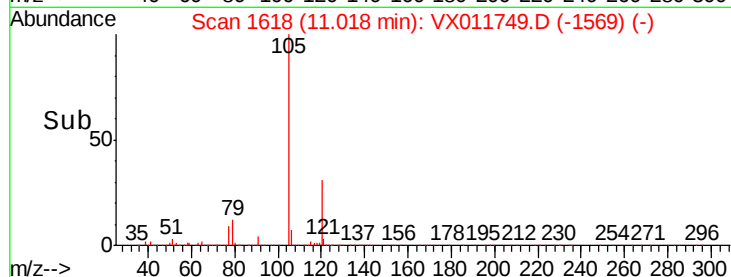
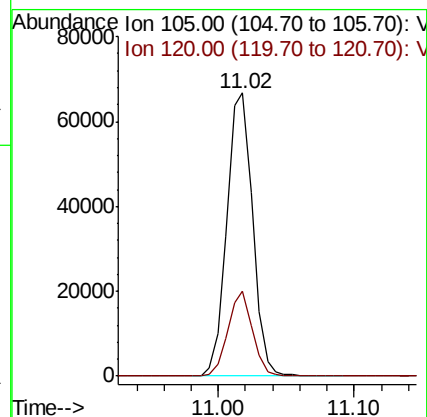
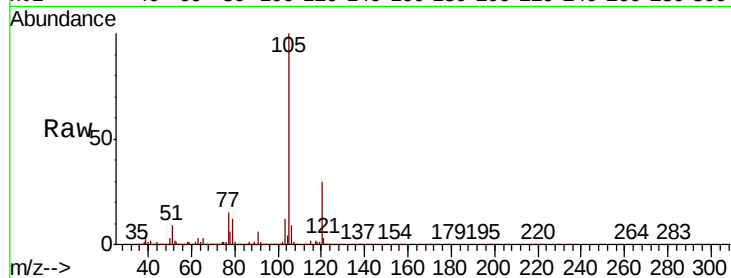
VSTDIC005

Tgt Ion: 105 Resp: 87625

Ion Ratio Lower Upper

105 100

120 28.6 13.9 41.7



#74

N-ethyl acetate

Concen: 4.425 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX011749.D

Acq: 22 Aug 2019 09:19

Tgt Ion: 43 Resp: 31728

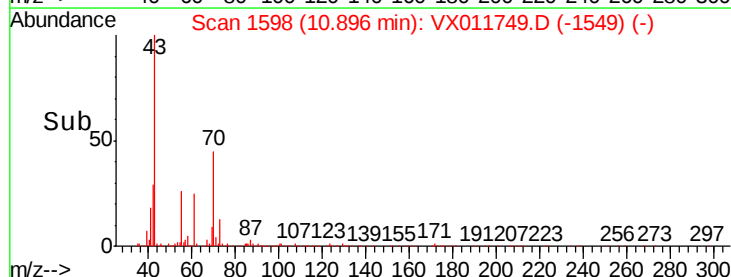
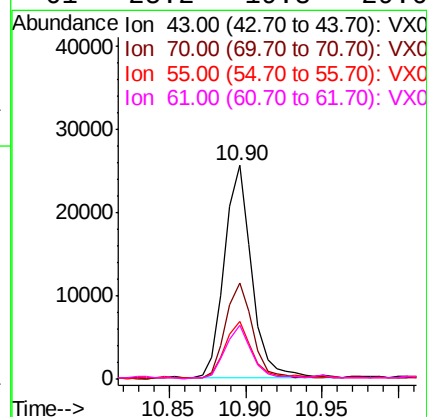
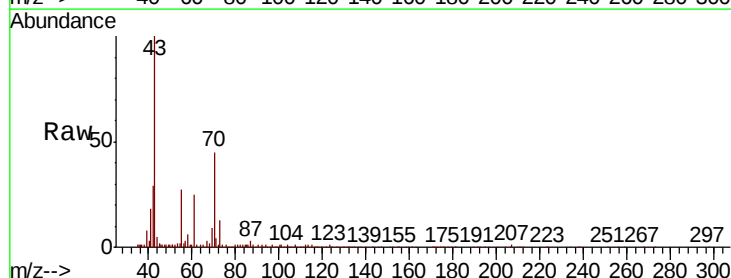
Ion Ratio Lower Upper

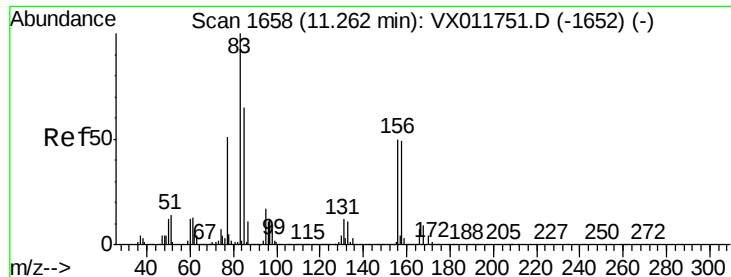
43 100

70 44.3 34.8 52.2

55 26.4 19.5 29.3

61 25.2 19.8 29.6





#75

1,1,2,2-Tetrachloroethane

Concen: 4.908 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.00 min

Lab File: VX011749.D

Acq: 22 Aug 2019 09:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

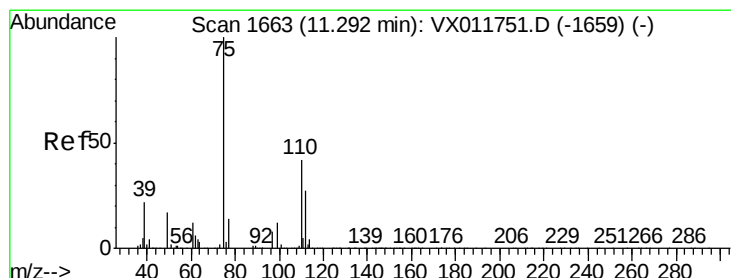
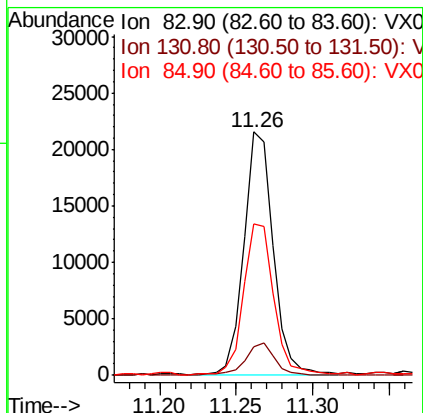
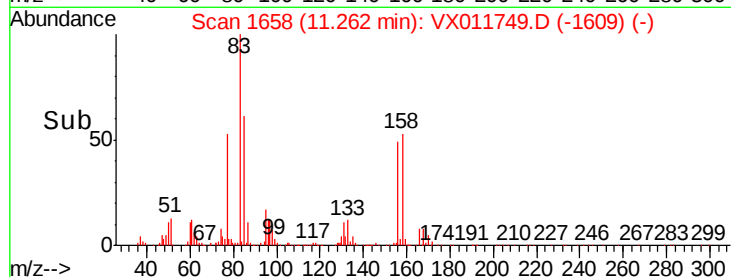
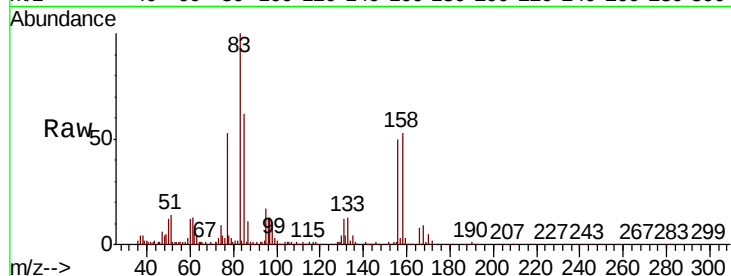
Tgt Ion: 83 Resp: 28538

Ion Ratio Lower Upper

83 100

131 13.8 6.1 18.3

85 63.7 32.4 97.0



#76

1,2,3-Trichloropropane

Concen: 6.028 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX011749.D

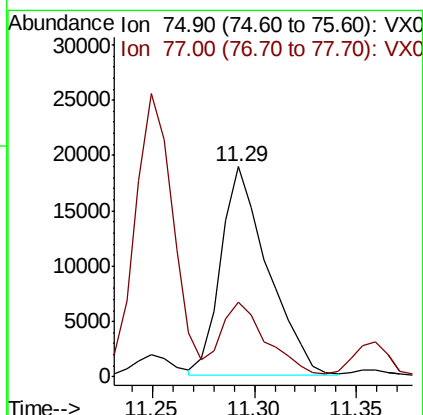
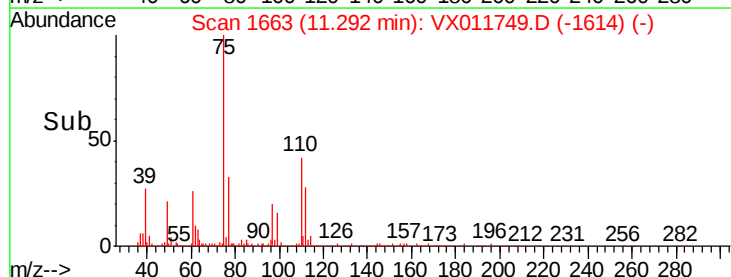
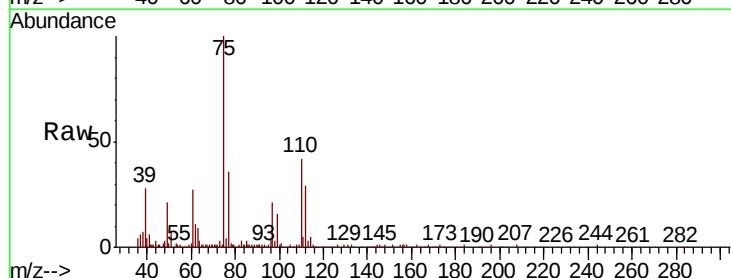
Acq: 22 Aug 2019 09:19

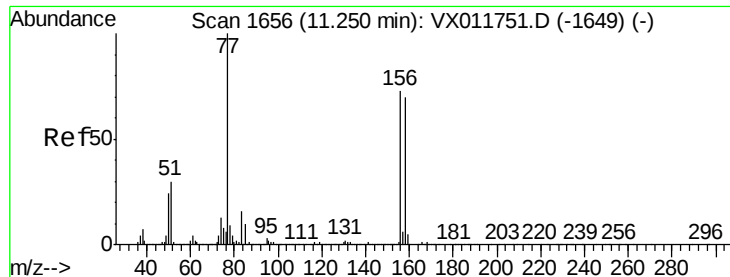
Tgt Ion: 75 Resp: 29934

Ion Ratio Lower Upper

75 100

77 35.6 21.1 63.3





#77

Bromobenzene

Concen: 5.249 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.01 min

Lab File: VX011749.D

Acq: 22 Aug 2019 09:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

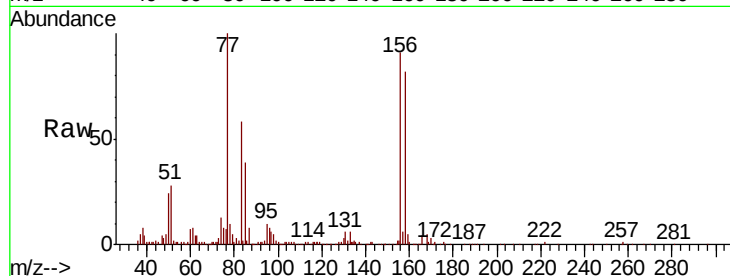
Tgt Ion:156 Resp: 26540

Ion Ratio Lower Upper

156 100

77 125.3 65.3 196.0

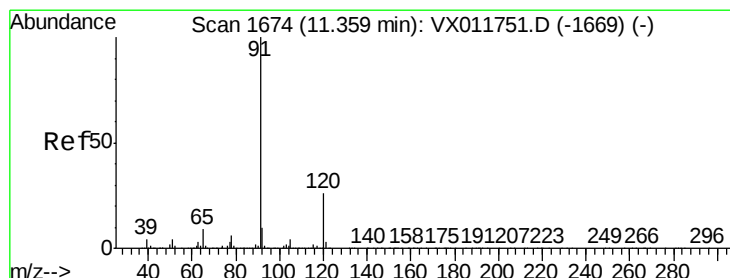
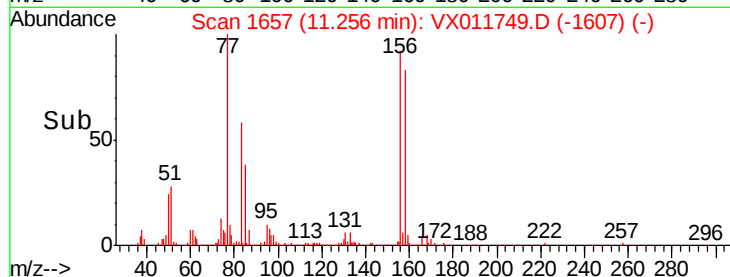
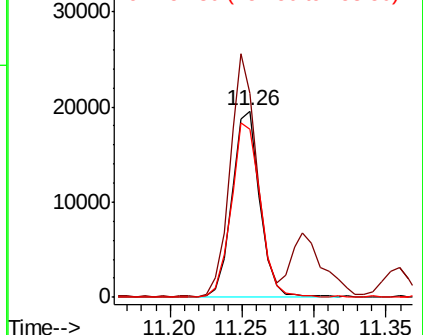
158 98.1 48.4 145.0



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: 5.055 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX011749.D

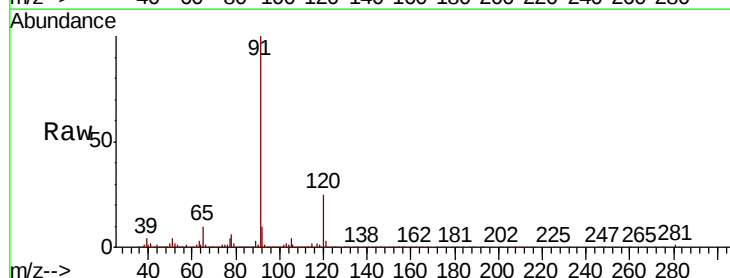
Acq: 22 Aug 2019 09:19

Tgt Ion: 91 Resp: 93136

Ion Ratio Lower Upper

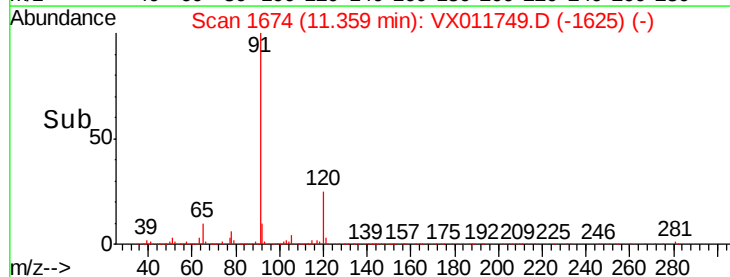
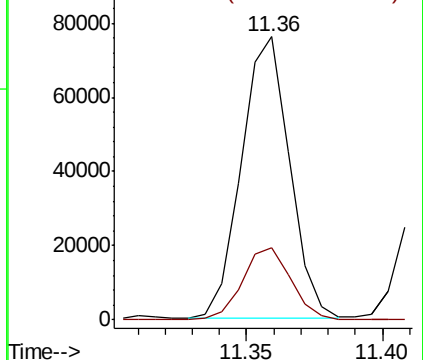
91 100

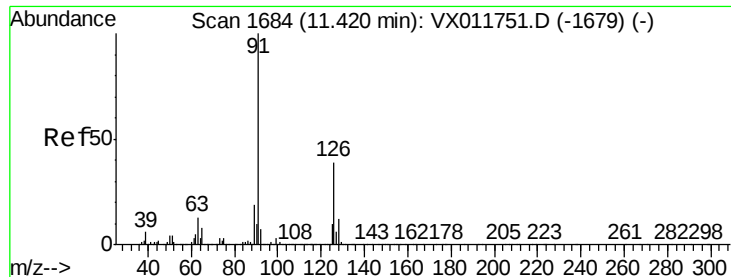
120 26.2 12.7 38.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

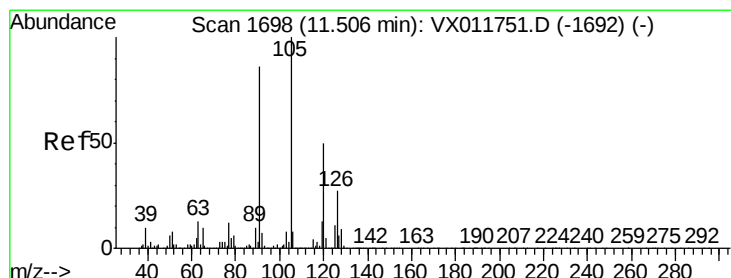
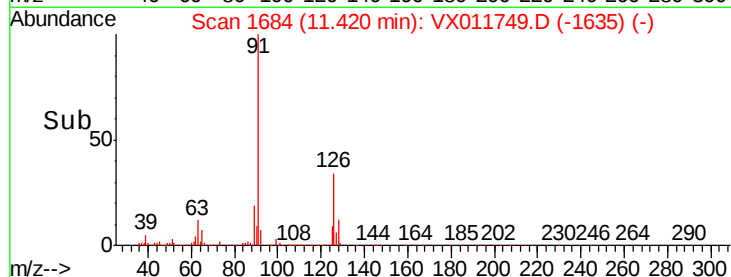
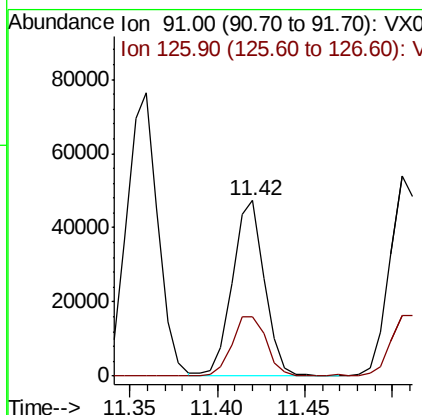
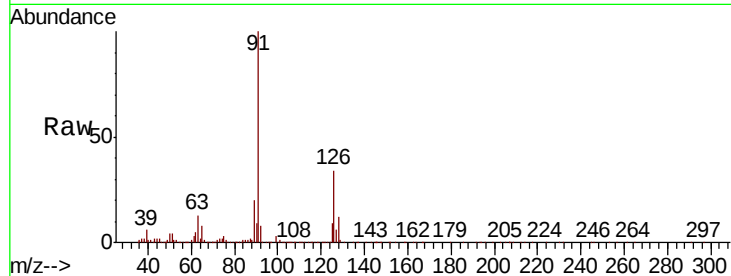




#79
 2-Chlorotoluene
 Concen: 5.297 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX011749.D
 Acq: 22 Aug 2019 09:19

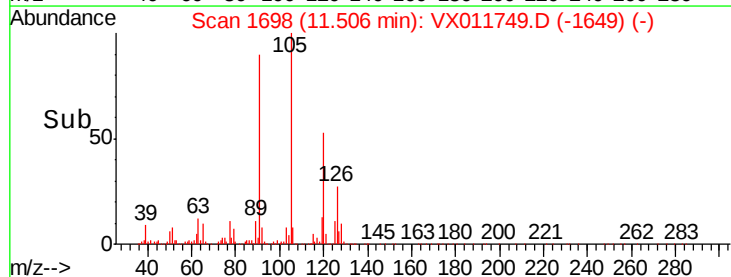
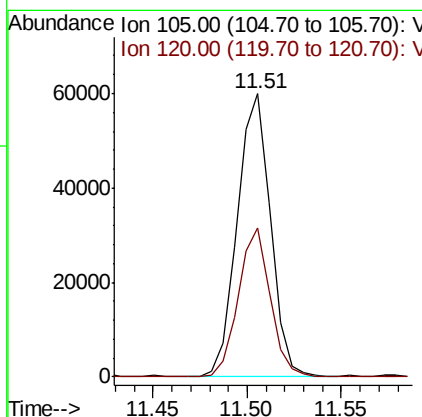
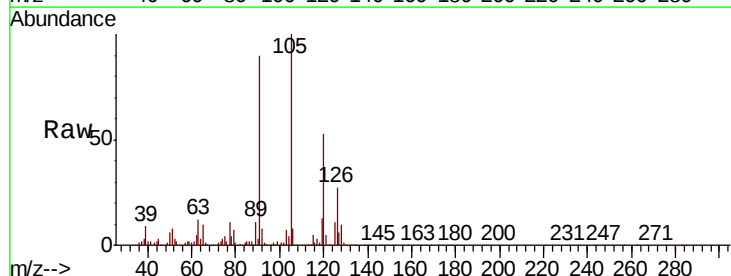
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

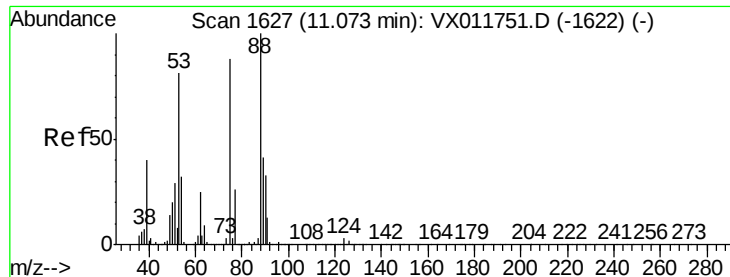
Tgt Ion: 91 Resp: 59859
 Ion Ratio Lower Upper
 91 100
 126 37.2 18.6 55.6



#80
 1,3,5-Trimethylbenzene
 Concen: 5.121 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX011749.D
 Acq: 22 Aug 2019 09:19

Tgt Ion: 105 Resp: 73527
 Ion Ratio Lower Upper
 105 100
 120 51.0 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 3.932 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX011749.D

Acq: 22 Aug 2019 09:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

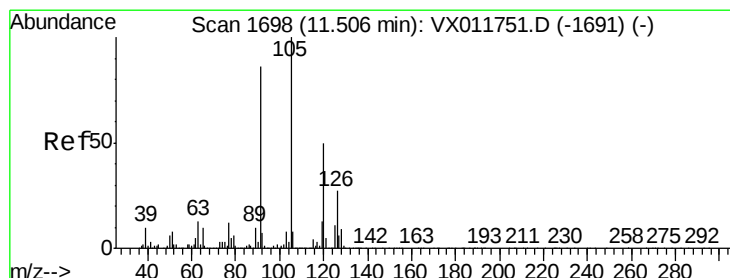
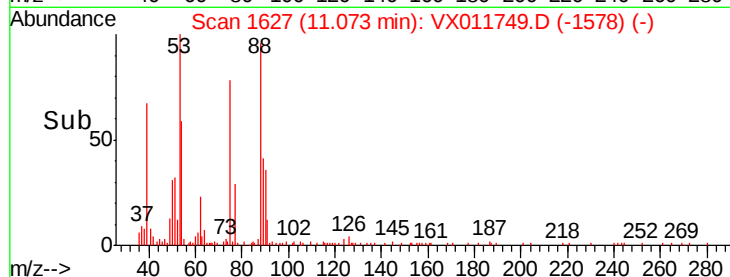
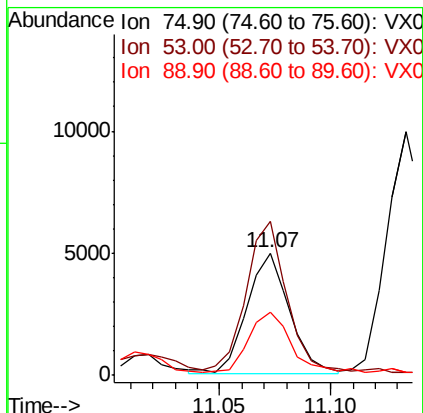
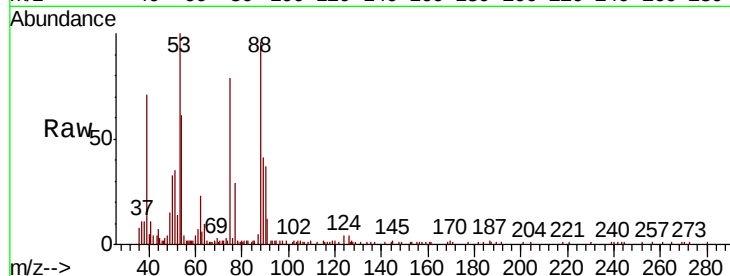
Tgt Ion: 75 Resp: 6581

Ion Ratio Lower Upper

75 100

53 122.7 77.1 115.7#

89 50.2 38.5 57.7



#82

4-Chlorotoluene

Concen: 5.190 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX011749.D

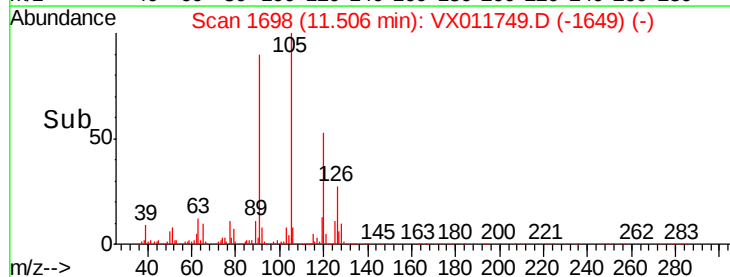
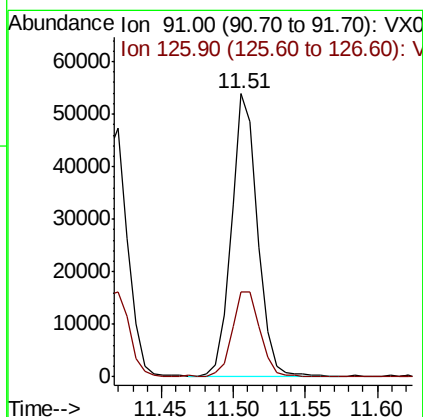
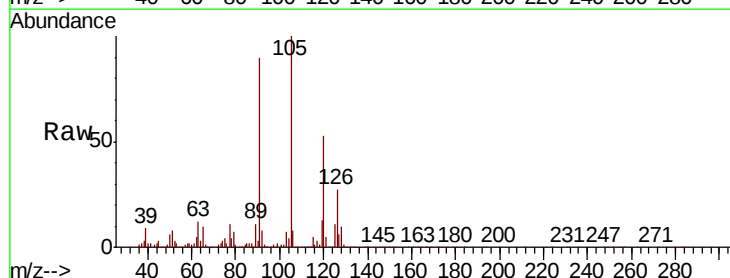
Acq: 22 Aug 2019 09:19

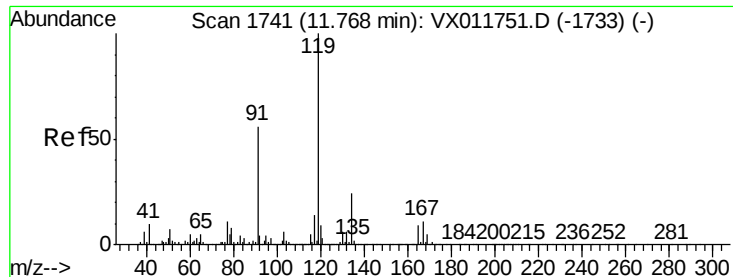
Tgt Ion: 91 Resp: 68121

Ion Ratio Lower Upper

91 100

126 32.1 16.2 48.6

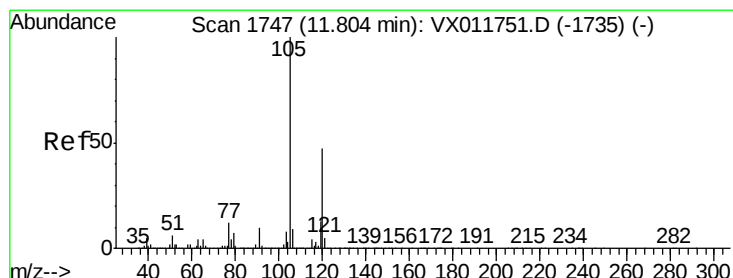
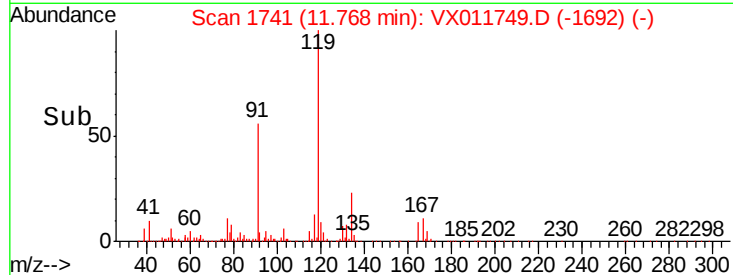
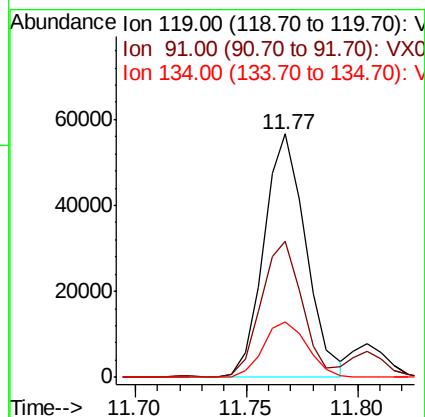
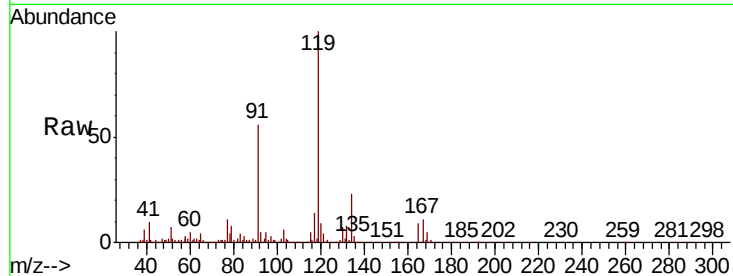




#83
 tert-Butylbenzene
 Concen: 5.078 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX011749.D
 Acq: 22 Aug 2019 09:19

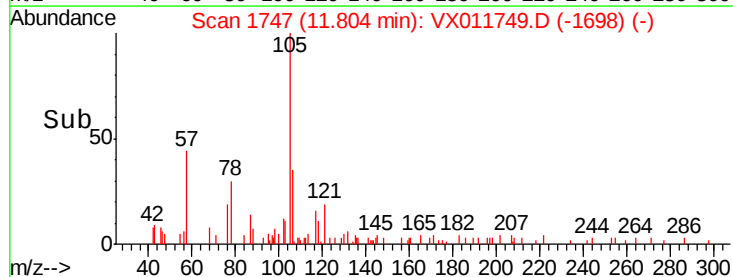
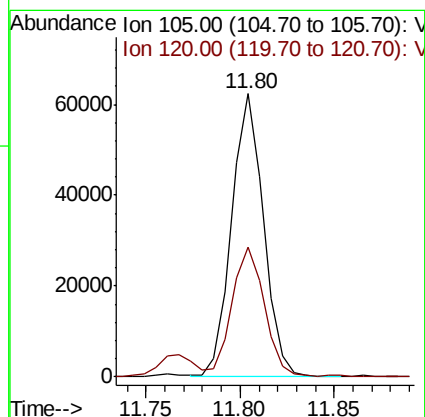
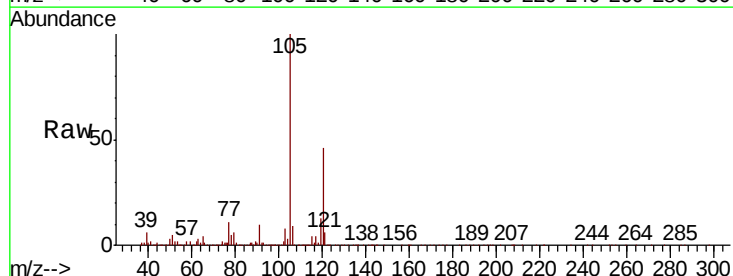
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

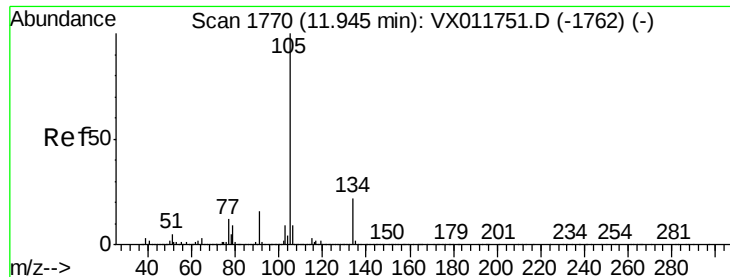
Tgt Ion:119 Resp: 73981
 Ion Ratio Lower Upper
 119 100
 91 55.1 27.7 83.1
 134 24.4 11.8 35.3



#84
 1,2,4-Trimethylbenzene
 Concen: 5.045 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX011749.D
 Acq: 22 Aug 2019 09:19

Tgt Ion:105 Resp: 72624
 Ion Ratio Lower Upper
 105 100
 120 47.4 23.7 71.1





#85

sec-Butylbenzene

Concen: 5.122 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX011749.D

Acq: 22 Aug 2019 09:19

Instrument :

MSVOA_X

ClientSampleId :

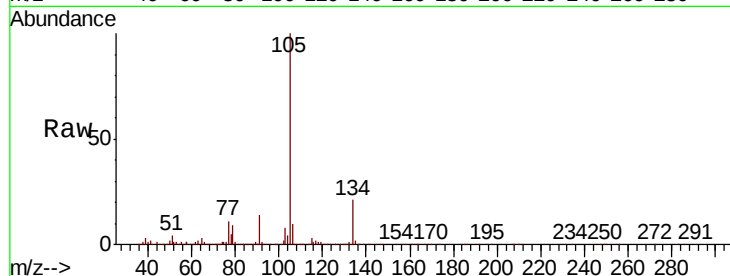
VSTDIC005

Tgt Ion:105 Resp: 83881

Ion Ratio Lower Upper

105 100

134 22.1 10.8 32.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

80000

60000

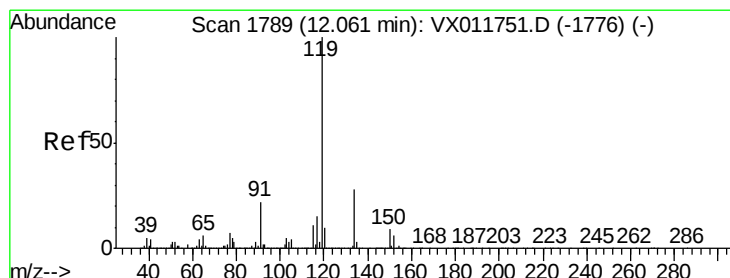
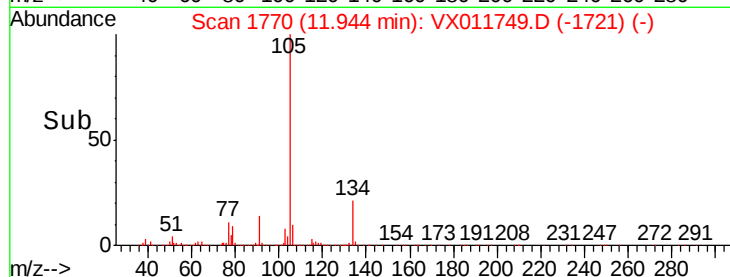
40000

20000

0

11.90 11.95 12.00

Time-->



#86

p-Isopropyltoluene

Concen: 5.152 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX011749.D

Acq: 22 Aug 2019 09:19

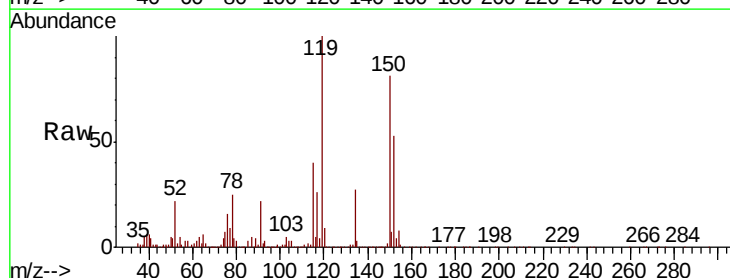
Tgt Ion:119 Resp: 79808

Ion Ratio Lower Upper

119 100

134 28.0 13.7 41.0

91 22.4 11.1 33.3



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

80000

60000

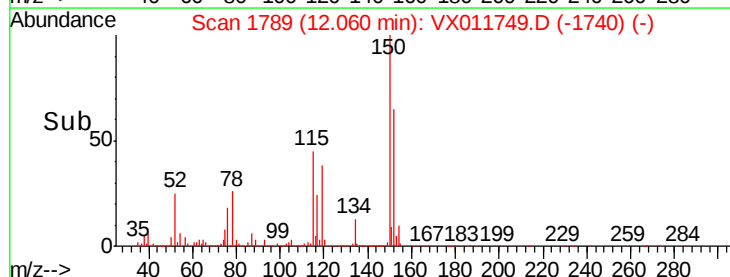
40000

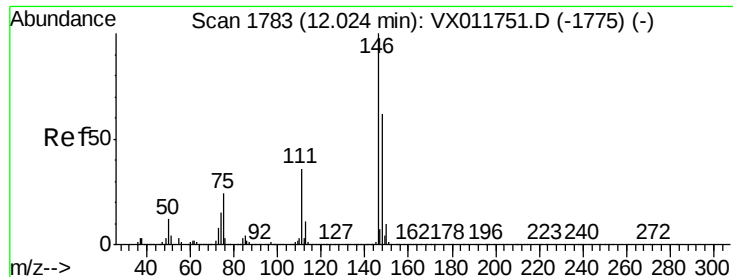
20000

0

12.00 12.10

Time-->





#87

1,3-Dichlorobenzene

Concen: 5.121 ug/l

RT: 12.02 min Scan# 1783

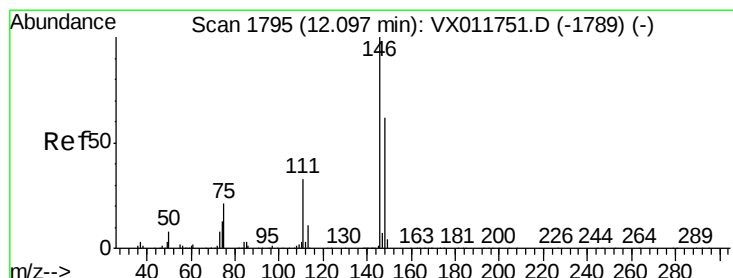
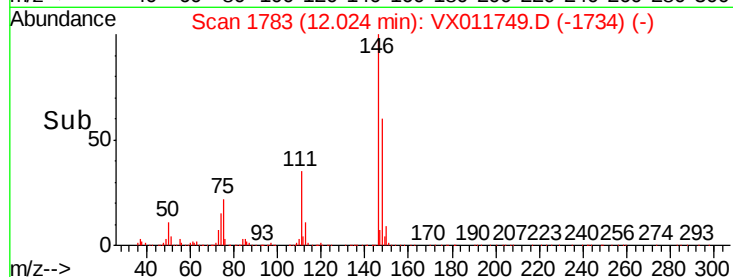
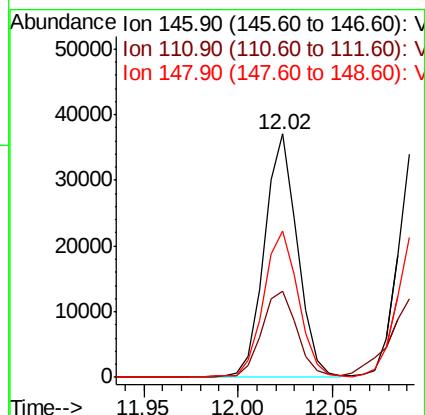
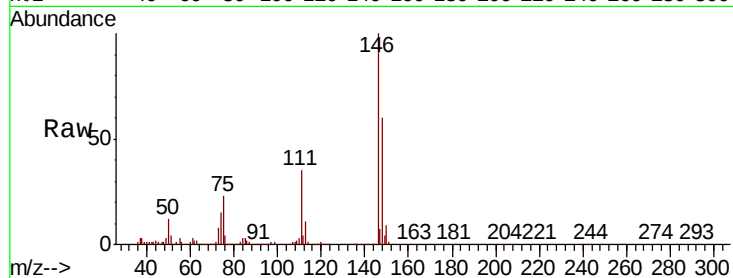
Delta R.T. -0.00 min

Lab File: VX011749.D

Acq: 22 Aug 2019 09:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.1	54.4
148	64.2	31.6	94.7



#88

1,4-Dichlorobenzene

Concen: 5.173 ug/l

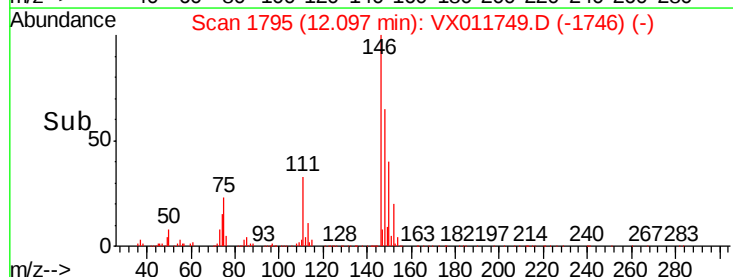
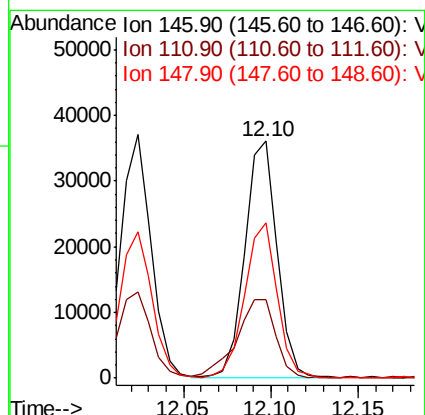
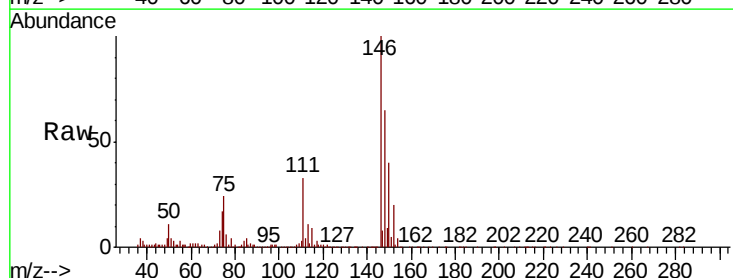
RT: 12.10 min Scan# 1795

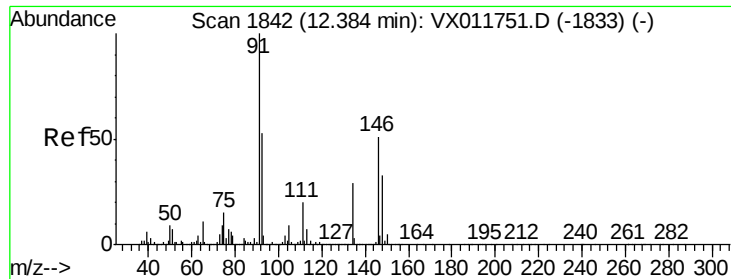
Delta R.T. -0.00 min

Lab File: VX011749.D

Acq: 22 Aug 2019 09:19

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.8	17.8	53.4
148	66.5	31.9	95.7

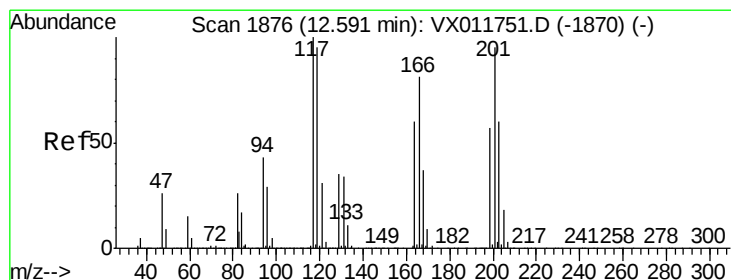
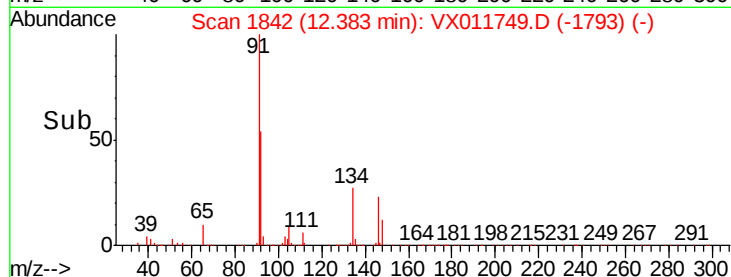
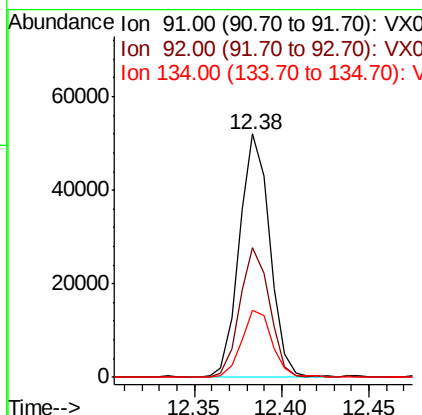
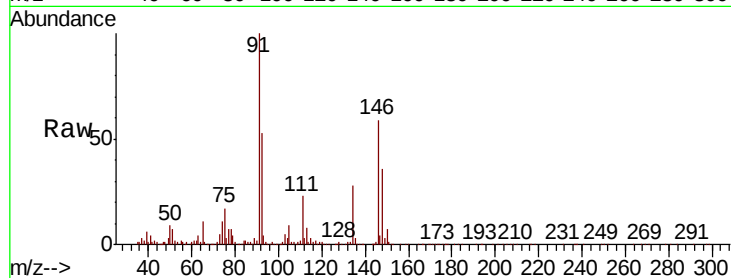




#89
n-Butylbenzene
Concen: 4.892 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX011749.D
Acq: 22 Aug 2019 09:19

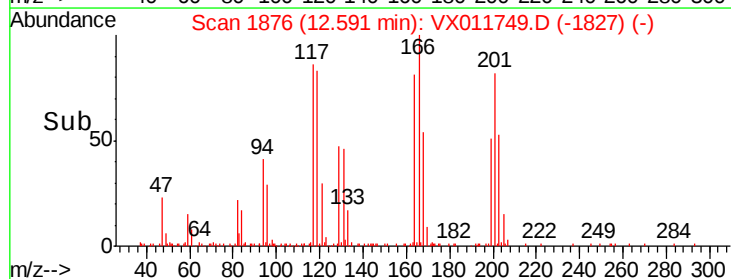
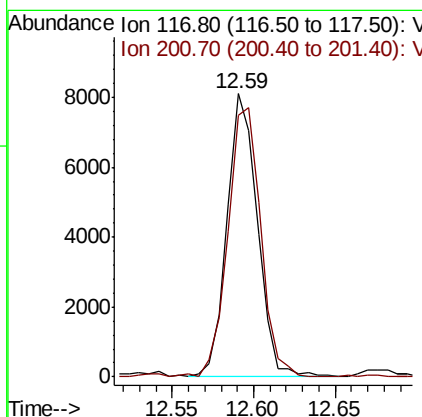
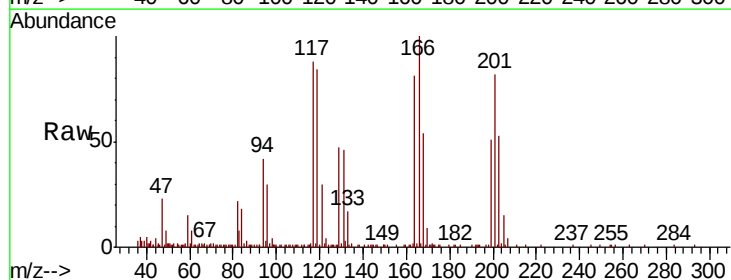
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

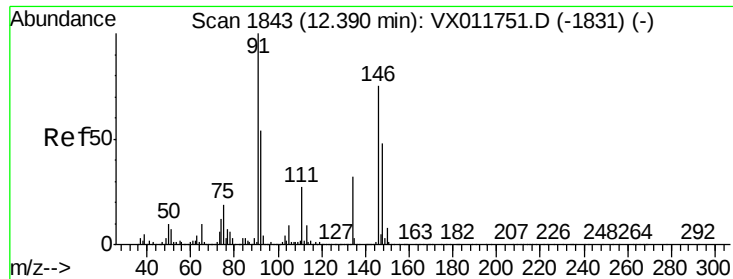
Tgt Ion:	91	Resp:	62387
Ion	Ratio	Lower	Upper
91	100		
92	52.9	26.7	80.0
134	28.3	14.6	43.8



#90
Hexachloroethane
Concen: 4.307 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.00 min
Lab File: VX011749.D
Acq: 22 Aug 2019 09:19

Tgt Ion:	117	Resp:	10546
Ion	Ratio	Lower	Upper
117	100		
201	102.3	49.6	149.0





#91

1,2-Dichlorobenzene

Concen: 5.264 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX011749.D

Acq: 22 Aug 2019 09:19

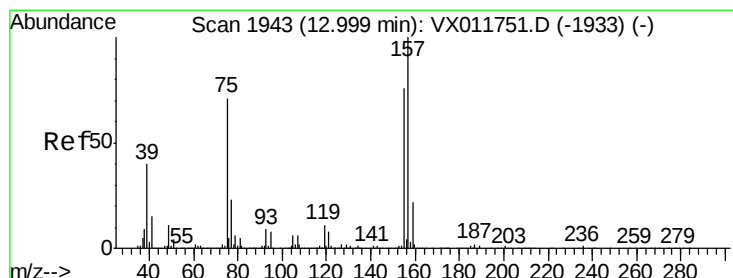
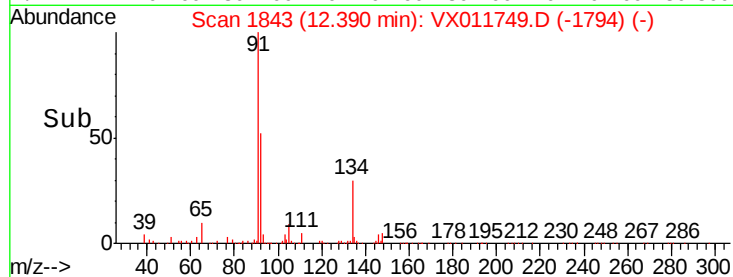
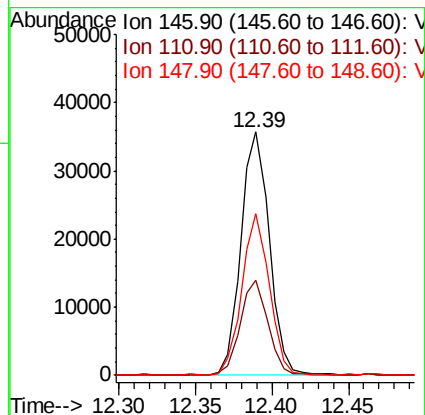
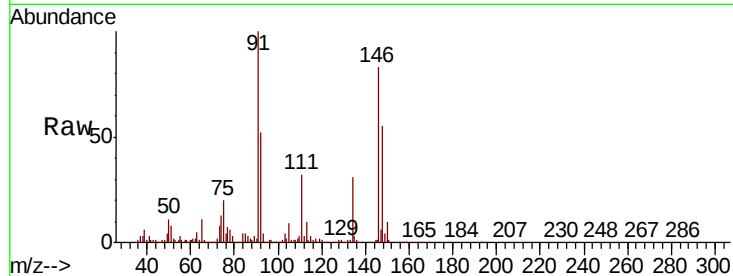
Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion:	146	Resp:	46082
Ion	Ratio	Lower	Upper
146	100		
111	38.8	18.8	56.4
148	64.0	31.6	95.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 4.535 ug/l

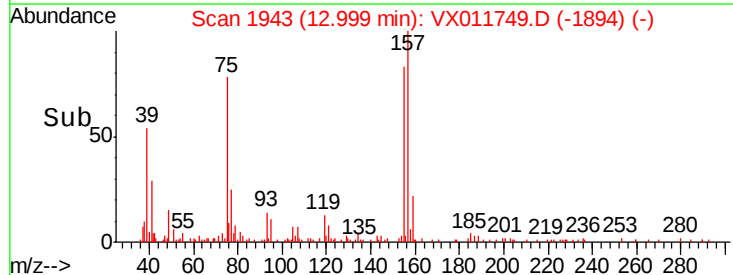
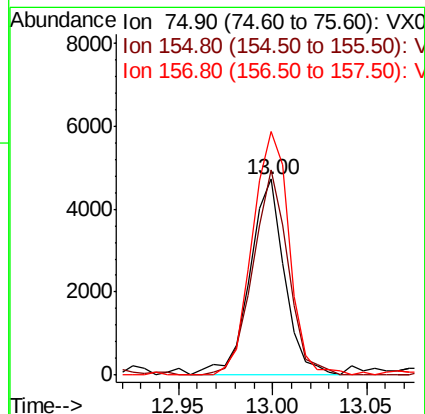
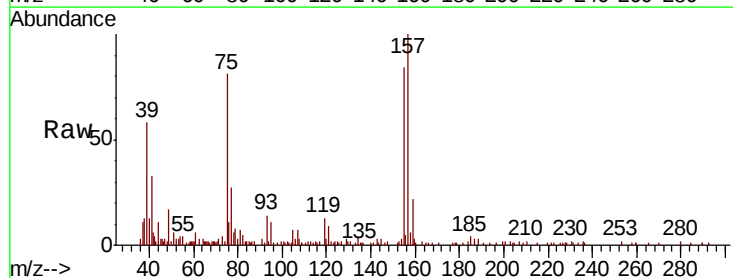
RT: 13.00 min Scan# 1943

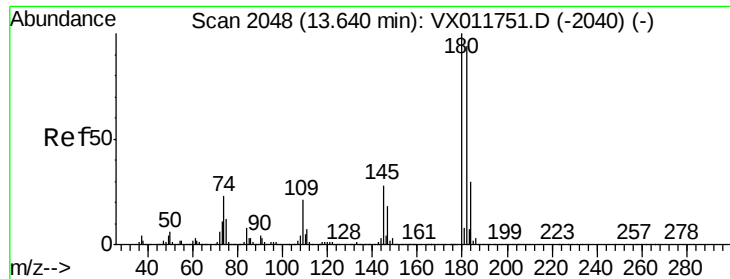
Delta R.T. -0.00 min

Lab File: VX011749.D

Acq: 22 Aug 2019 09:19

Tgt Ion:	75	Resp:	6086
Ion	Ratio	Lower	Upper
75	100		
155	105.0	52.6	157.9
157	131.1	68.3	204.9

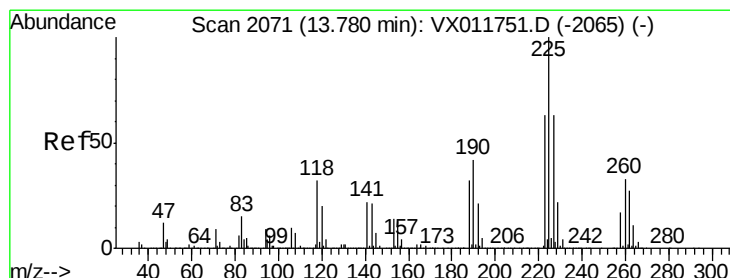
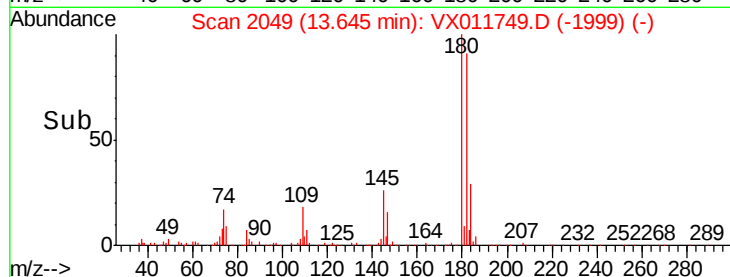
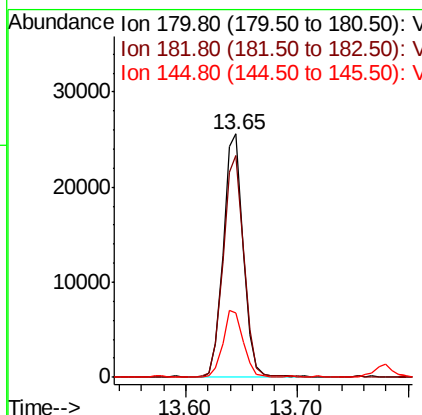
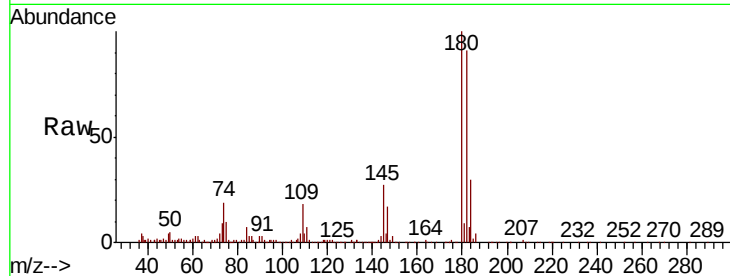




#93
 1,2,4-Trichlorobenzene
 Concen: 4.894 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.01 min
 Lab File: VX011749.D
 Acq: 22 Aug 2019 09:19

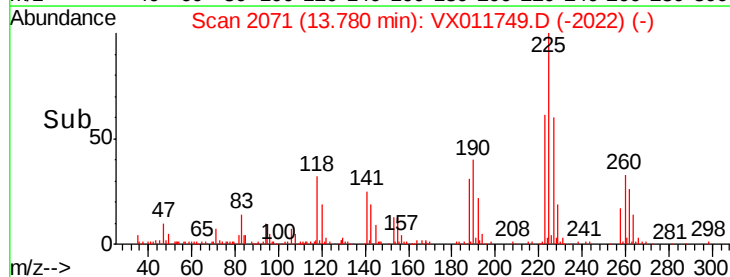
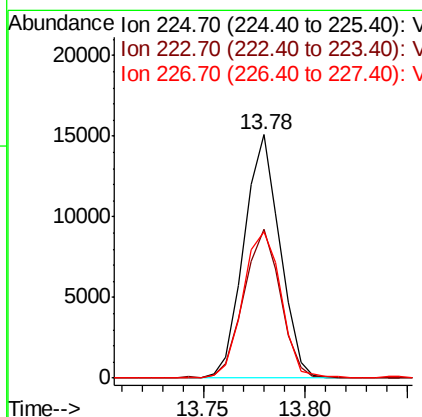
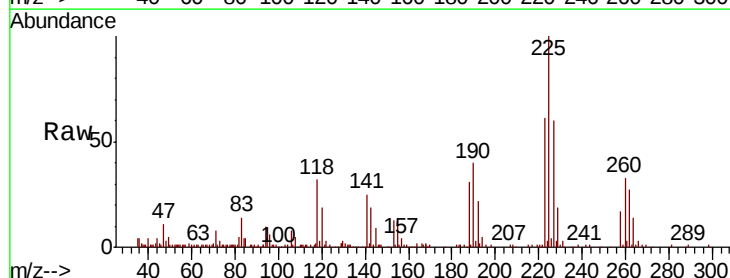
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

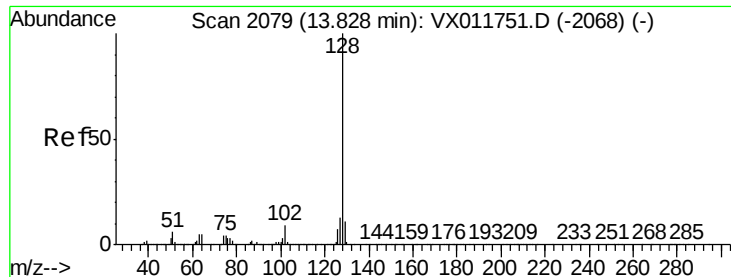
Tgt Ion:180 Resp: 31926
 Ion Ratio Lower Upper
 180 100
 182 93.8 47.8 143.4
 145 28.5 14.1 42.3



#94
 Hexachlorobutadiene
 Concen: 5.269 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX011749.D
 Acq: 22 Aug 2019 09:19

Tgt Ion:225 Resp: 18491
 Ion Ratio Lower Upper
 225 100
 223 62.5 31.0 93.0
 227 64.1 31.8 95.3





#95

Naphthalene

Concen: 4.661 ug/l

RT: 13.83 min Scan# 2079

Delta R.T. -0.00 min

Lab File: VX011749.D

Acq: 22 Aug 2019 09:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

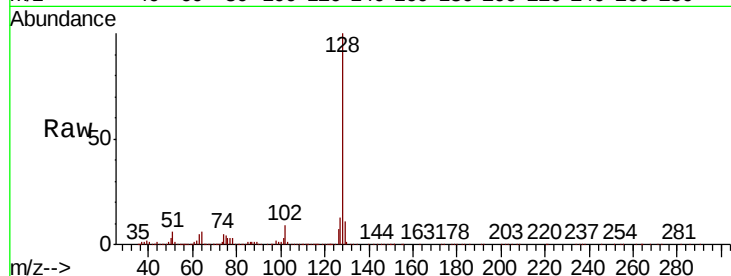
Tgt Ion:128 Resp: 85170

Ion Ratio Lower Upper

128 100

127 12.6 10.4 15.6

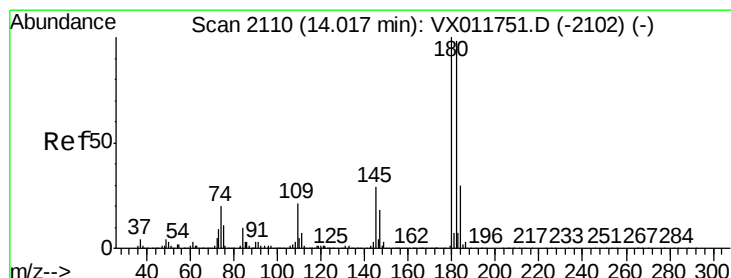
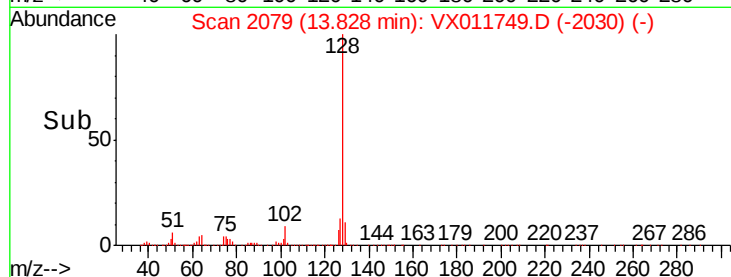
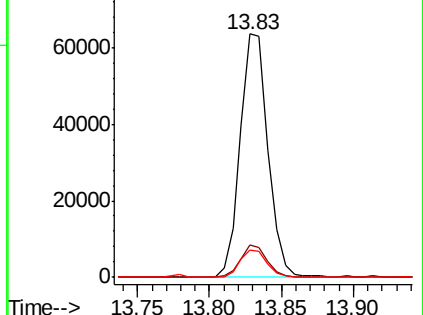
129 10.9 8.7 13.1



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: 5.010 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX011749.D

Acq: 22 Aug 2019 09:19

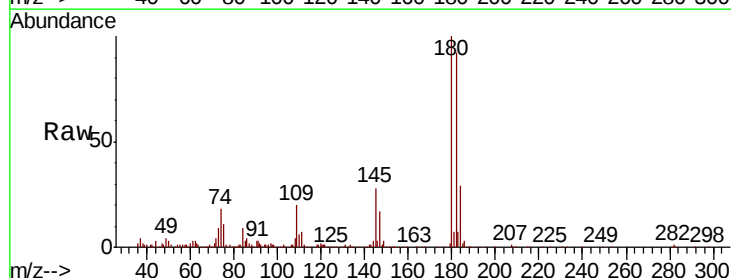
Tgt Ion:180 Resp: 32893

Ion Ratio Lower Upper

180 100

182 96.4 48.5 145.5

145 31.2 14.6 43.8



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

