

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082719\
 Data File : VX011847.D
 Acq On : 27 Aug 2019 14:06
 Operator : JC/SP
 Sample : VX0827WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0827WBSD01

Quant Time: Aug 28 02:21:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 01:48:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	360855	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	509701	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	460676	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	241602	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	198967	54.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.78%	
35) Dibromofluoromethane	5.49	113	167262	50.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.50%	
50) Toluene-d8	8.71	98	601631	52.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.66%	
62) 4-Bromofluorobenzene	11.13	95	228502	50.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.58%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.19	85	68672	20.391	ug/l 98
3) Chloromethane	1.32	50	64272	21.762	ug/l 99
4) Vinyl Chloride	1.40	62	62193	21.065	ug/l 100
5) Bromomethane	1.63	94	33658	20.694	ug/l 94
6) Chloroethane	1.71	64	37001	21.435	ug/l 99
7) Trichlorofluoromethane	1.92	101	93756	19.946	ug/l 99
8) Diethyl Ether	2.18	74	32969	20.627	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	57496	19.767	ug/l 98
10) Methyl Iodide	2.50	142	69306	19.507	ug/l 98
11) Tert butyl alcohol	3.03	59	96291	134.425	ug/l 99
12) 1,1-Dichloroethene	2.37	96	55882	19.703	ug/l 95
13) Acrolein	2.28	56	31134	112.439	ug/l 93
14) Allyl chloride	2.72	41	114796	25.896	ug/l 98
15) Acrylonitrile	3.14	53	190504	116.273	ug/l 100
16) Acetone	2.43	43	167215	106.041	ug/l 98
17) Carbon Disulfide	2.56	76	160262	22.348	ug/l 99
18) Methyl Acetate	2.76	43	109891	25.682	ug/l 97
19) Methyl tert-butyl Ether	3.18	73	205020	22.535	ug/l 95
20) Methylene Chloride	2.85	84	63793	19.788	ug/l 92
21) trans-1,2-Dichloroethene	3.15	96	61178	19.998	ug/l 93
22) Diisopropyl ether	3.85	45	210971	24.542	ug/l 96
23) Vinyl Acetate	3.81	43	902961	126.867	ug/l 96
24) 1,1-Dichloroethane	3.69	63	111908	22.049	ug/l 99
25) 2-Butanone	4.66	43	275434	121.689	ug/l 96
26) 2,2-Dichloropropane	4.57	77	96964	22.497	ug/l 99
27) cis-1,2-Dichloroethene	4.59	96	70184	20.005	ug/l 93
28) Bromochloromethane	5.01	49	56099	24.349	ug/l 88
29) Tetrahydrofuran	5.12	42	177826	122.562	ug/l 96
30) Chloroform	5.20	83	113218	20.561	ug/l 98
31) Cyclohexane	5.57	56	103633	23.249	ug/l 95
32) 1,1,1-Trichloroethane	5.49	97	107385	22.434	ug/l 99
36) 1,1-Dichloropropene	5.79	75	82562	20.656	ug/l 99
37) Ethyl Acetate	4.82	43	106266	25.123	ug/l 97
38) Carbon Tetrachloride	5.78	117	97299	21.480	ug/l 97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082719\
 Data File : VX011847.D
 Acq On : 27 Aug 2019 14:06
 Operator : JC/SP
 Sample : VX0827WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0827WBSD01

Quant Time: Aug 28 02:21:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 01:48:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	103383	20.873	ug/l	95
40) Benzene	6.13	78	248323	20.084	ug/l	99
41) Methacrylonitrile	5.03	41	57770	23.484	ug/l	96
42) 1,2-Dichloroethane	6.19	62	91159	20.168	ug/l	100
43) Isopropyl Acetate	6.44	43	171805	25.096	ug/l	99
44) Trichloroethene	7.21	130	73520	19.289	ug/l	98
45) 1,2-Dichloropropane	7.51	63	65377	21.036	ug/l	97
46) Dibromomethane	7.66	93	43962	19.187	ug/l	97
47) Bromodichloromethane	7.89	83	93102	22.572	ug/l	99
48) Methyl methacrylate	7.76	41	83049	24.376	ug/l	93
49) 1,4-Dioxane	7.73	88	37957	402.094	ug/l	95
51) 4-Methyl-2-Pentanone	8.63	43	525963	116.596	ug/l	98
52) Toluene	8.78	92	155712	19.461	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	103569	23.919	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	110140	23.317	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	65540	19.661	ug/l	97
56) Ethyl methacrylate	9.17	69	110345	23.275	ug/l	92
57) 1,3-Dichloropropane	9.37	76	109160	20.280	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	299242	119.991	ug/l	98
59) 2-Hexanone	9.49	43	409146	118.171	ug/l	97
60) Dibromochloromethane	9.58	129	81190	22.526	ug/l	100
61) 1,2-Dibromoethane	9.66	107	71357	19.950	ug/l	99
64) Tetrachloroethene	9.34	164	70953	19.306	ug/l	98
65) Chlorobenzene	10.13	112	171570	19.076	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	71589	21.245	ug/l	99
67) Ethyl Benzene	10.25	91	301347	20.050	ug/l	100
68) m/p-Xylenes	10.35	106	230308	39.740	ug/l	98
69) o-Xylene	10.69	106	112017	19.687	ug/l	98
70) Styrene	10.71	104	192765	20.252	ug/l	98
71) Bromoform	10.85	173	68987	23.731	ug/l #	99
73) Isopropylbenzene	11.01	105	301779	20.727	ug/l	99
74) N-amyl acetate	10.89	43	149187	26.466	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.26	83	101117	20.982	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	121707	28.709	ug/l	85
77) Bromobenzene	11.25	156	85204	19.850	ug/l	96
78) n-propylbenzene	11.35	91	331870	21.317	ug/l	98
79) 2-Chlorotoluene	11.41	91	199301	20.577	ug/l	97
80) 1,3,5-Trimethylbenzene	11.50	105	254369	20.939	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	37406	26.610	ug/l	99
82) 4-Chlorotoluene	11.51	91	230034	20.604	ug/l	98
83) tert-Butylbenzene	11.77	119	261124	21.787	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	254643	20.757	ug/l	99
85) sec-Butylbenzene	11.94	105	290821	21.212	ug/l	99
86) p-Isopropyltoluene	12.06	119	276207	20.939	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	143467	19.410	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	142005	18.989	ug/l	97
89) n-Butylbenzene	12.38	91	224961	20.601	ug/l	98
90) Hexachloroethane	12.59	117	55286	26.977	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	141965	19.042	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	27271	24.344	ug/l	92

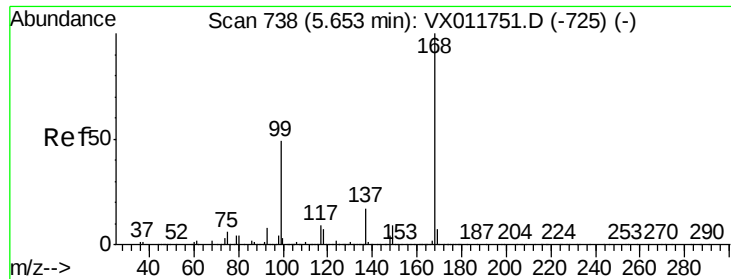
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082719\
Data File : VX011847.D
Acq On : 27 Aug 2019 14:06
Operator : JC/SP
Sample : VX0827WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0827WBSD01

Quant Time: Aug 28 02:21:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082219W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 23 01:48:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	104661	19.085	ug/l	99
94) Hexachlorobutadiene	13.78	225	58383	19.429	ug/l	98
95) Naphthalene	13.83	128	312168	20.668	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	107115	19.453	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: VX011847.D

Acq: 27 Aug 2019 14:06

Instrument :

MSVOA_X

ClientSampleId :

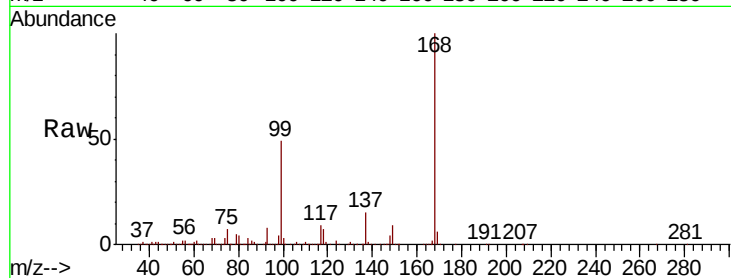
VX0827WBSD01

Tgt Ion:168 Resp: 360855

Ion Ratio Lower Upper

168 100

99 49.1 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

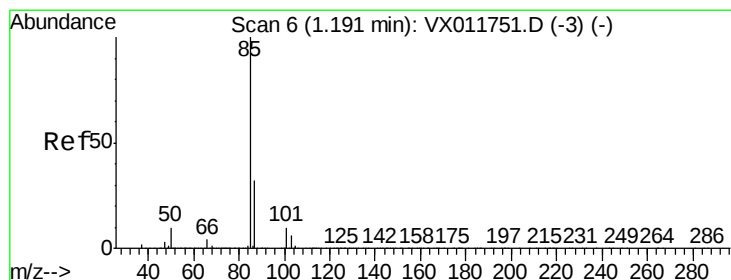
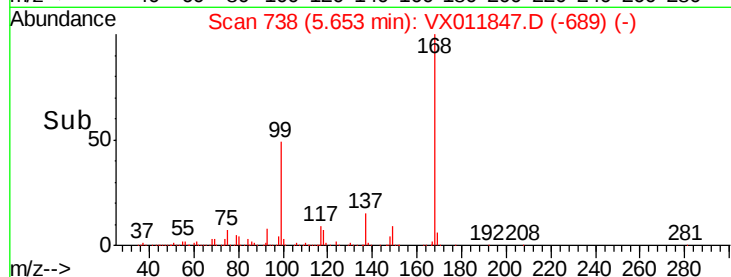
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 20.391 ug/l

RT: 1.19 min Scan# 6

Delta R.T. 0.00 min

Lab File: VX011847.D

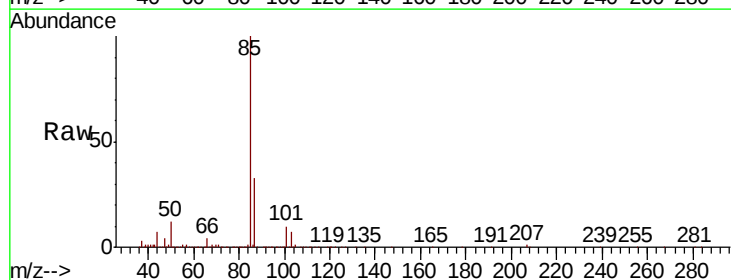
Acq: 27 Aug 2019 14:06

Tgt Ion: 85 Resp: 68672

Ion Ratio Lower Upper

85 100

87 33.0 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

80000

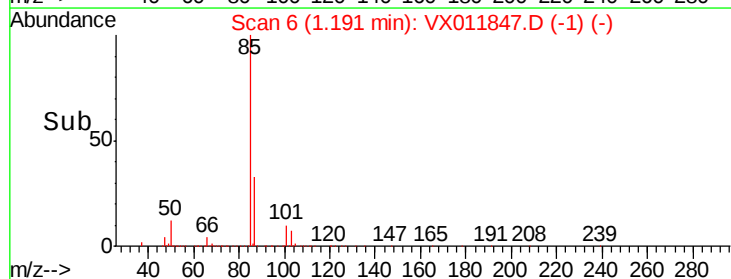
60000

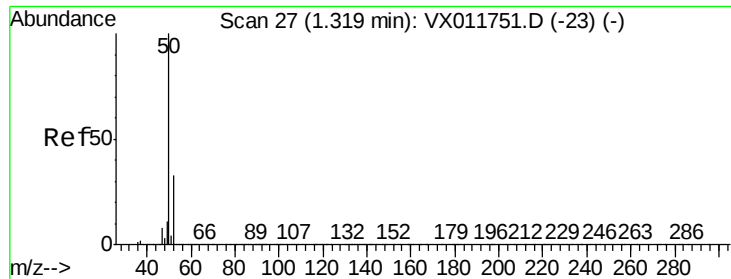
40000

20000

0

Time-->

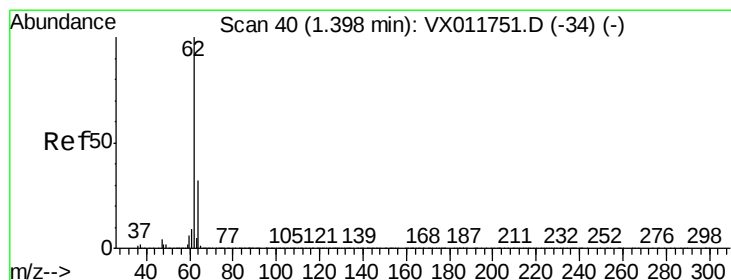
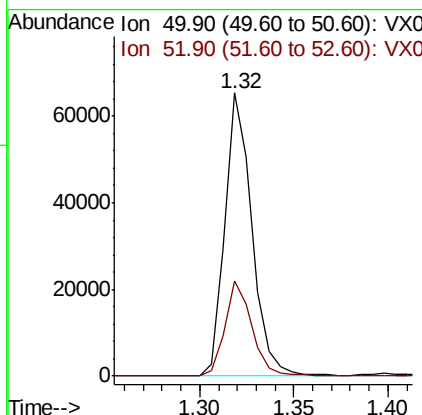
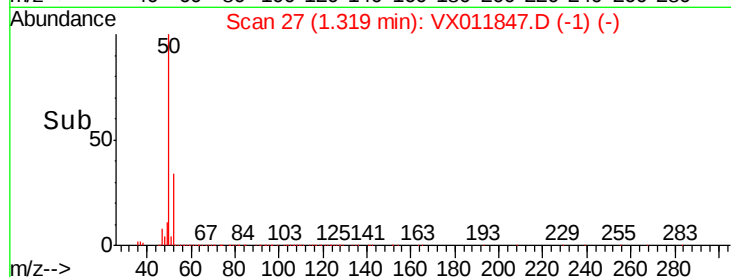
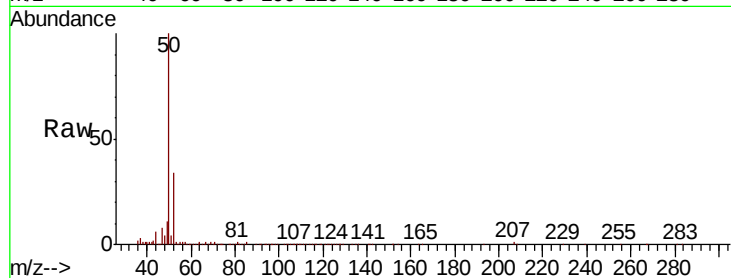




#3
Chloromethane
Concen: 21.762 ug/l
RT: 1.32 min Scan# 27
Delta R.T. 0.00 min
Lab File: VX011847.D
Acq: 27 Aug 2019 14:06

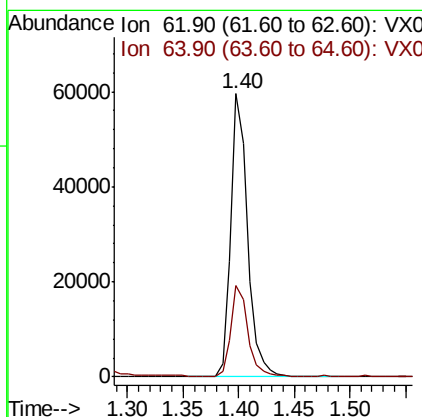
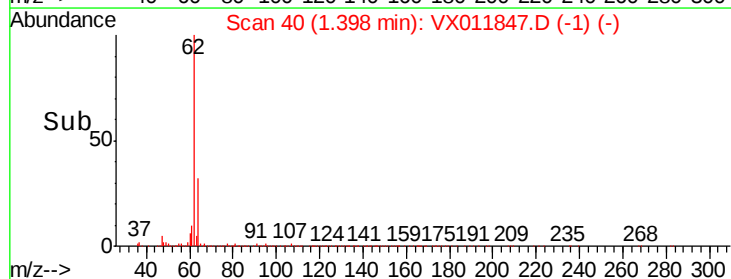
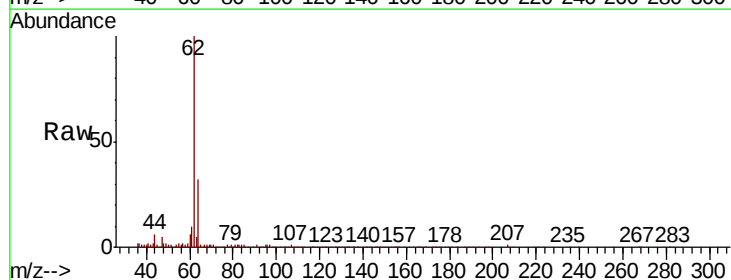
Instrument :
MSVOA_X
ClientSampleId :
VX0827WBSD01

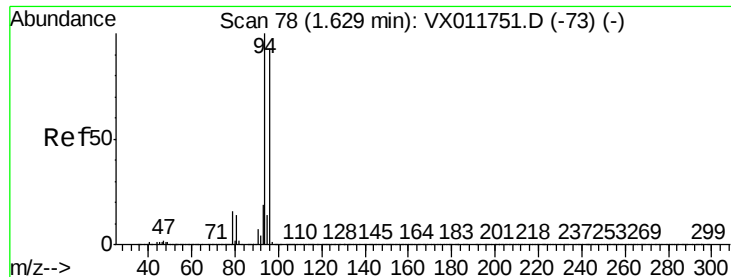
Tgt Ion: 50 Resp: 64272
Ion Ratio Lower Upper
50 100
52 33.5 26.6 39.8



#4
Vinyl Chloride
Concen: 21.065 ug/l
RT: 1.40 min Scan# 40
Delta R.T. 0.00 min
Lab File: VX011847.D
Acq: 27 Aug 2019 14:06

Tgt Ion: 62 Resp: 62193
Ion Ratio Lower Upper
62 100
64 32.0 25.5 38.3





#5

Bromomethane

Concen: 20.694 ug/l

RT: 1.63 min Scan# 78

Delta R.T. 0.00 min

Lab File: VX011847.D

Acq: 27 Aug 2019 14:06

Instrument :

MSVOA_X

ClientSampleId :

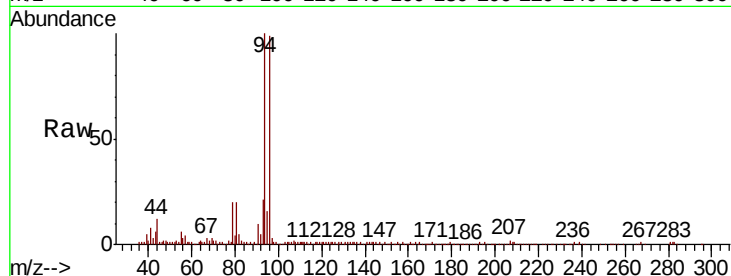
VX0827WBSD01

Tgt Ion: 94 Resp: 33658

Ion Ratio Lower Upper

94 100

96 98.2 74.1 111.1



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.63

30000

25000

20000

15000

10000

5000

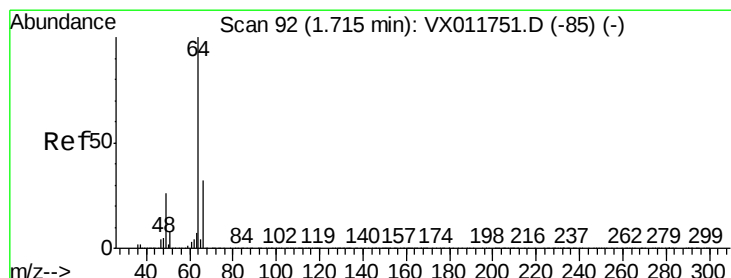
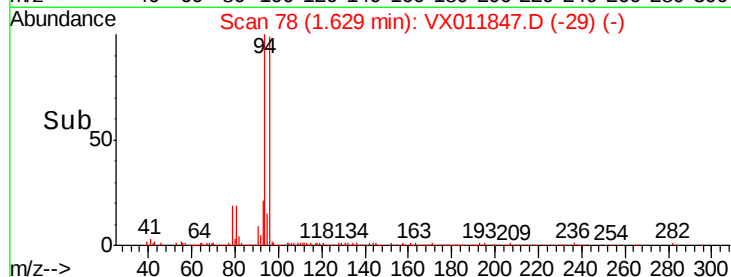
0

Time-->

1.50

1.60

1.70



#6

Chloroethane

Concen: 21.435 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX011847.D

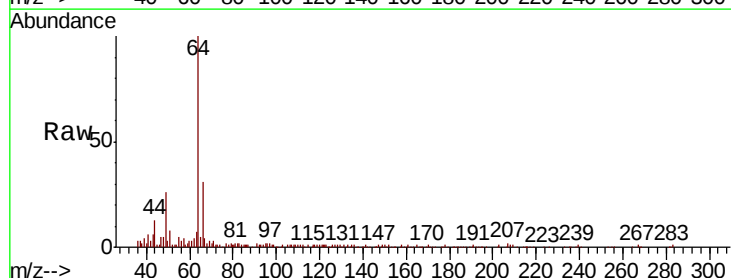
Acq: 27 Aug 2019 14:06

Tgt Ion: 64 Resp: 37001

Ion Ratio Lower Upper

64 100

66 30.5 24.9 37.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

25000

20000

15000

10000

5000

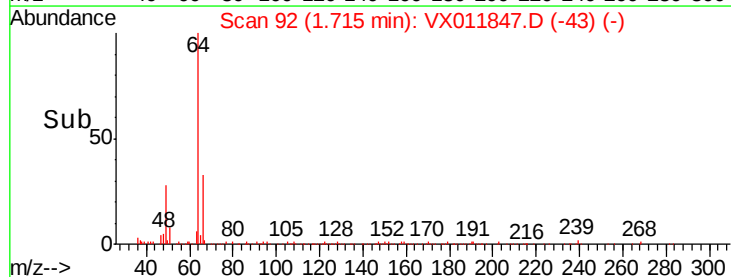
0

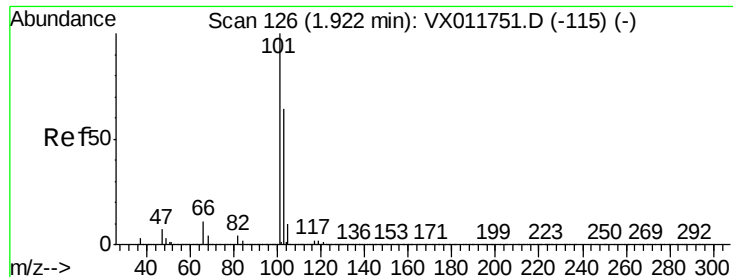
Time-->

1.60

1.70

1.80



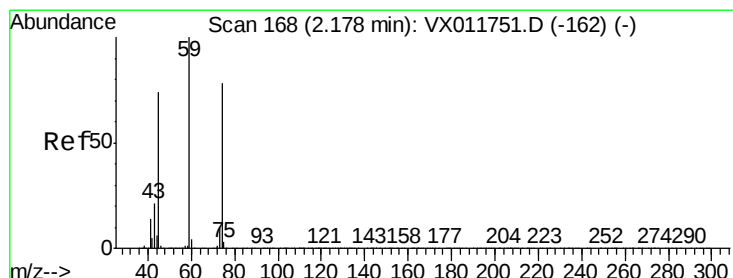
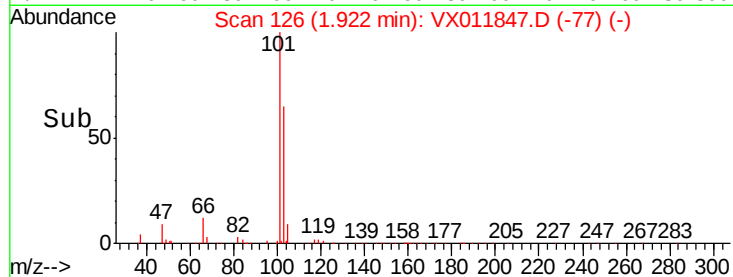
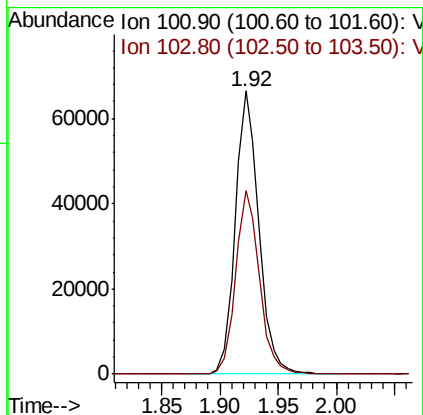
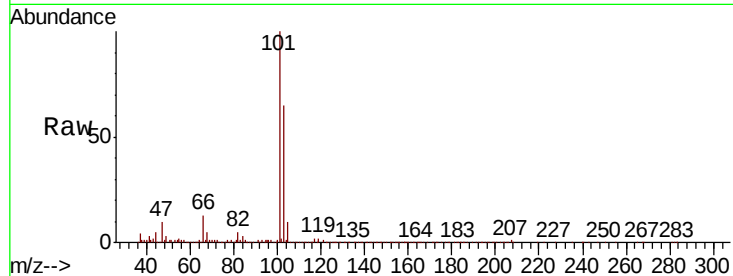


#7

Trichlorofluoromethane
 Concen: 19.946 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. 0.00 min
 Lab File: VX011847.D
 Acq: 27 Aug 2019 14:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0827WBSD01

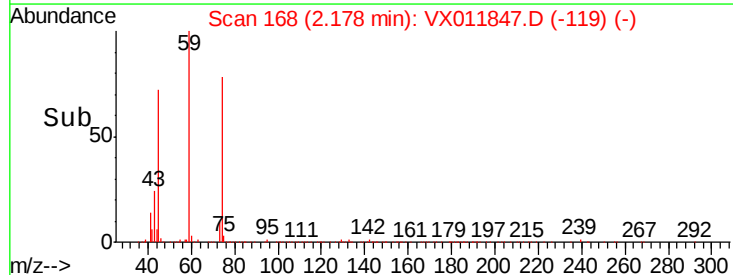
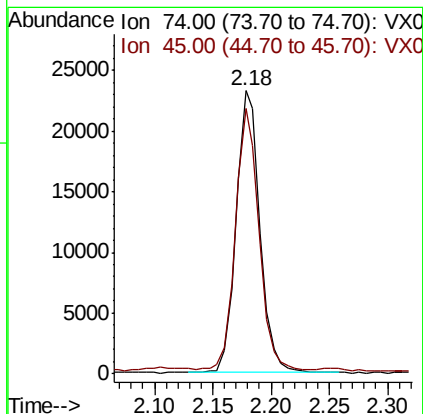
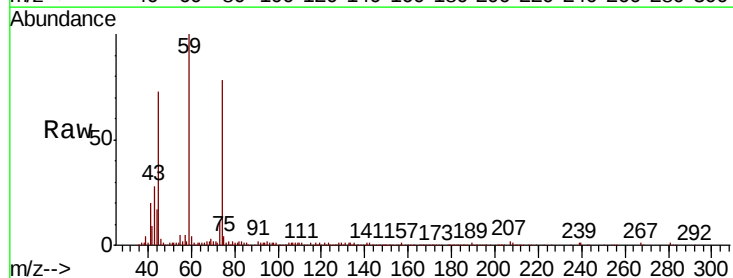
Tgt Ion:101 Resp: 93756
 Ion Ratio Lower Upper
 101 100
 103 64.8 51.2 76.8

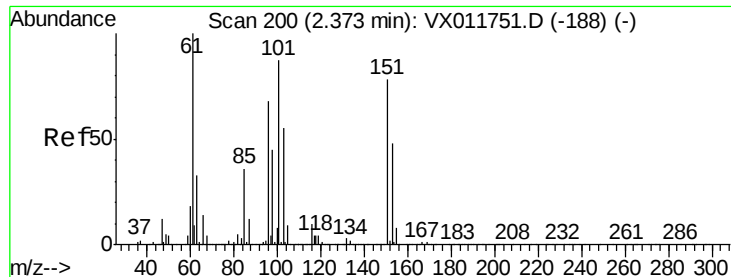


#8

Diethyl Ether
 Concen: 20.627 ug/l
 RT: 2.18 min Scan# 168
 Delta R.T. 0.00 min
 Lab File: VX011847.D
 Acq: 27 Aug 2019 14:06

Tgt Ion: 74 Resp: 32969
 Ion Ratio Lower Upper
 74 100
 45 92.4 46.7 140.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.767 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.00 min

Lab File: VX011847.D

Acq: 27 Aug 2019 14:06

Instrument :

MSVOA_X

ClientSampleId :

VX0827WBSD01

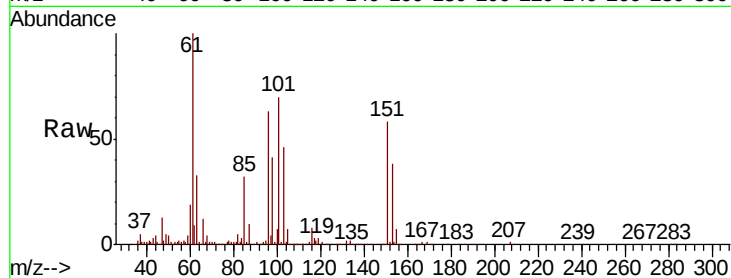
Tgt Ion:101 Resp: 57496

Ion Ratio Lower Upper

101 100

85 43.6 33.7 50.5

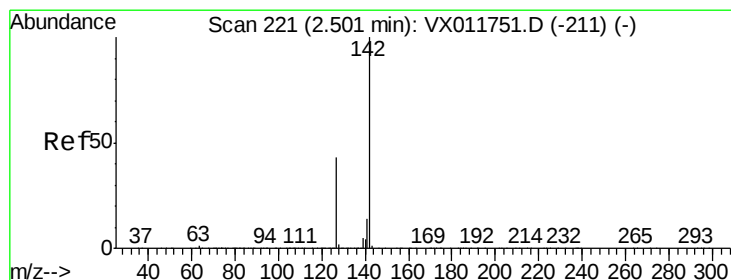
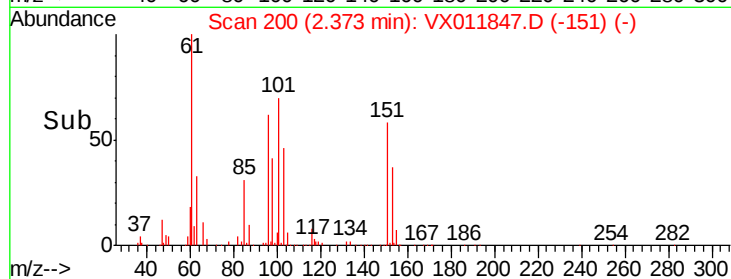
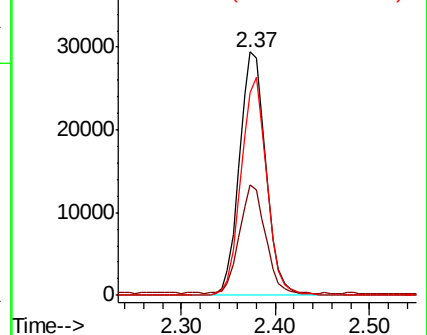
151 87.2 71.4 107.2



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: 19.507 ug/l

RT: 2.50 min Scan# 221

Delta R.T. 0.00 min

Lab File: VX011847.D

Acq: 27 Aug 2019 14:06

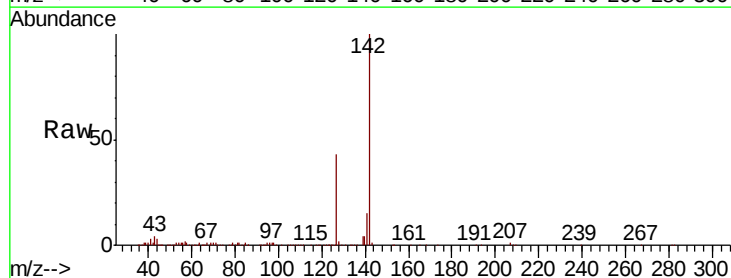
Tgt Ion:142 Resp: 69306

Ion Ratio Lower Upper

142 100

127 43.4 33.5 50.3

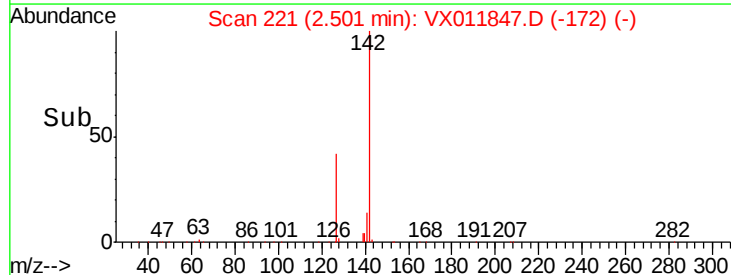
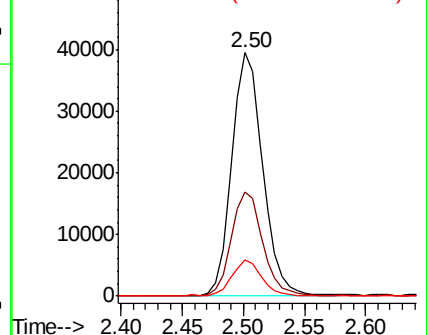
141 14.6 11.4 17.2

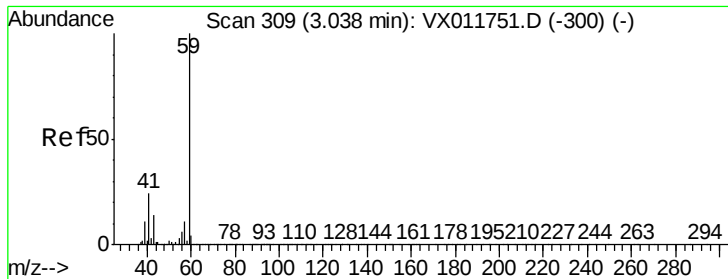


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

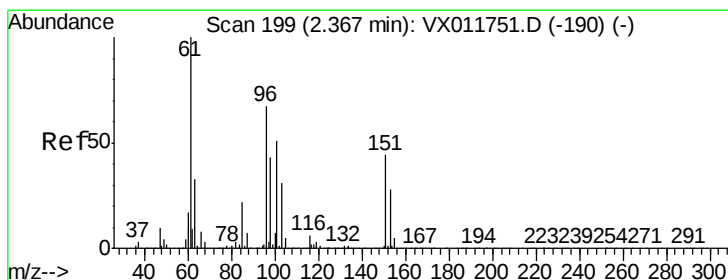
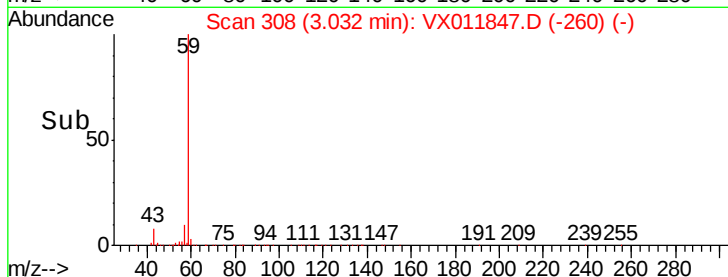
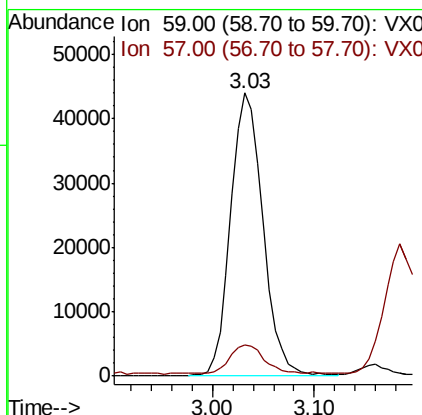
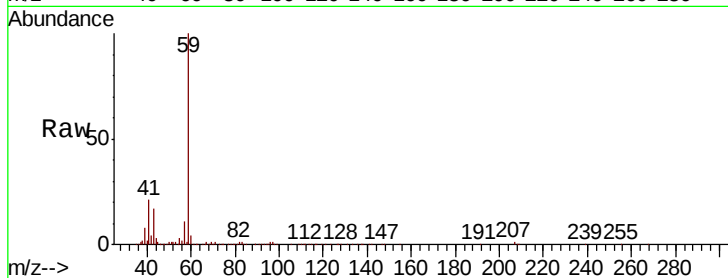




#11
Tert butyl alcohol
Concen: 134.425 ug/l
RT: 3.03 min Scan# 308
Delta R.T. -0.01 min
Lab File: VX011847.D
Acq: 27 Aug 2019 14:06

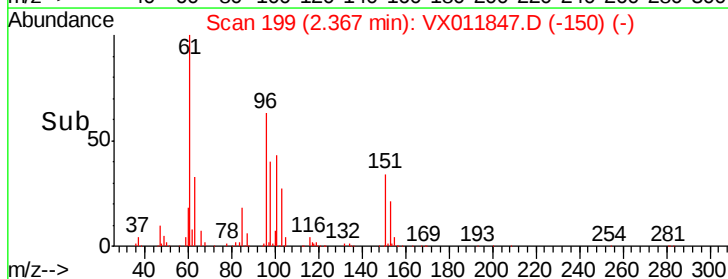
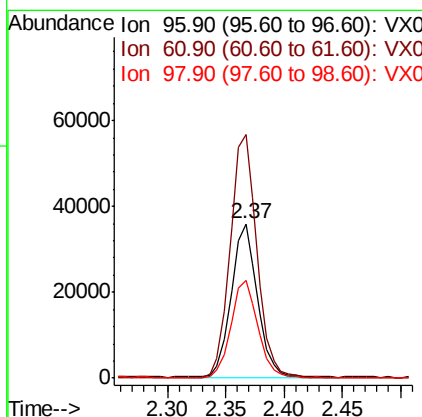
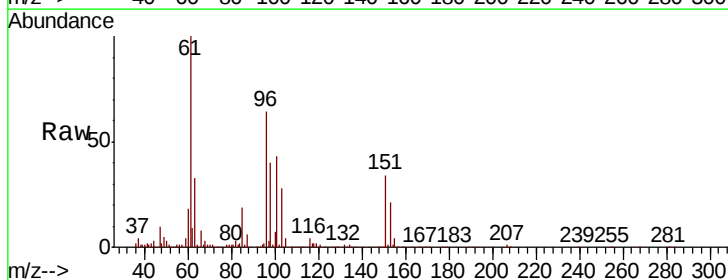
Instrument :
MSVOA_X
ClientSampleId :
VX0827WBSD01

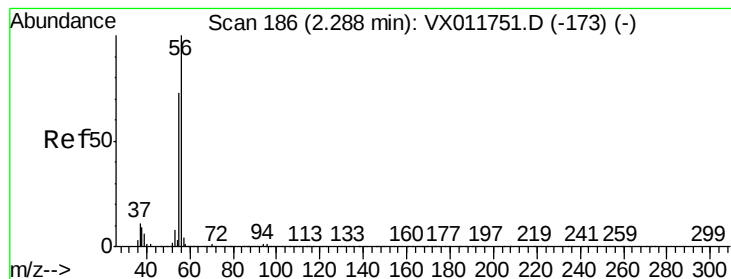
Tgt Ion: 59 Resp: 96291
Ion Ratio Lower Upper
59 100
57 10.8 8.4 12.6



#12
1,1-Dichloroethene
Concen: 19.703 ug/l
RT: 2.37 min Scan# 199
Delta R.T. 0.00 min
Lab File: VX011847.D
Acq: 27 Aug 2019 14:06

Tgt Ion: 96 Resp: 55882
Ion Ratio Lower Upper
96 100
61 158.2 119.4 179.2
98 63.2 51.2 76.8





#13

Acrolein

Concen: 112.439 ug/l

RT: 2.28 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX011847.D

Acq: 27 Aug 2019 14:06

Instrument :

MSVOA_X

ClientSampleId :

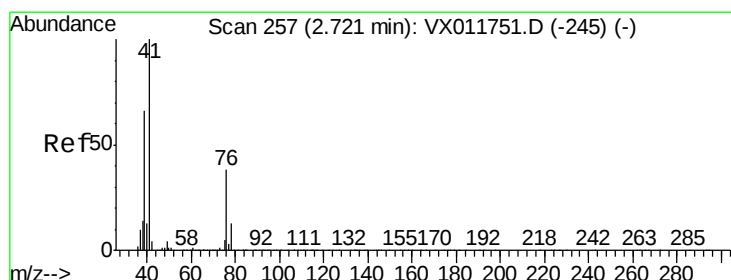
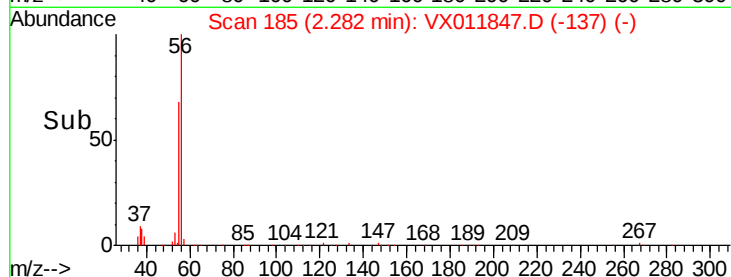
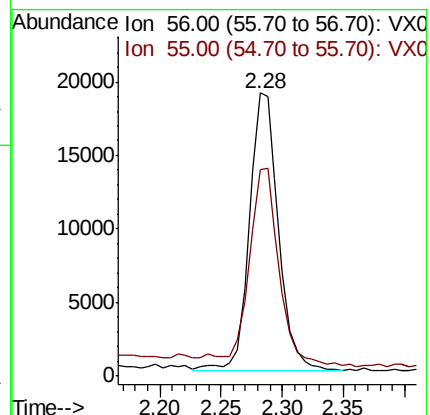
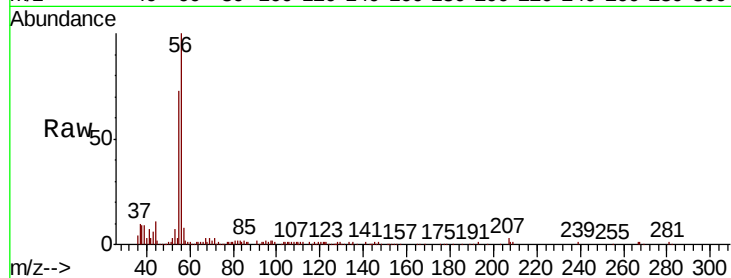
VX0827WBSD01

Tgt Ion: 56 Resp: 31134

Ion Ratio Lower Upper

56 100

55 74.5 54.8 82.2



#14

Allyl chloride

Concen: 25.896 ug/l

RT: 2.72 min Scan# 257

Delta R.T. 0.00 min

Lab File: VX011847.D

Acq: 27 Aug 2019 14:06

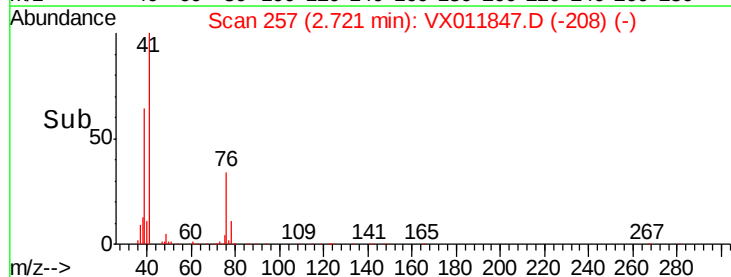
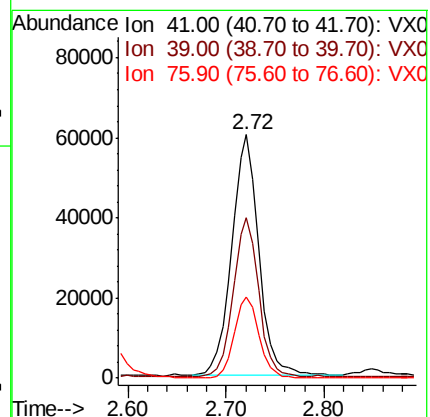
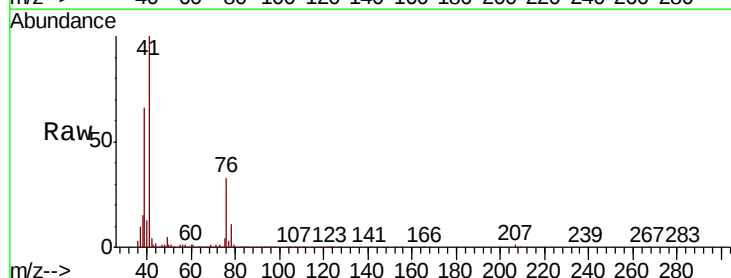
Tgt Ion: 41 Resp: 114796

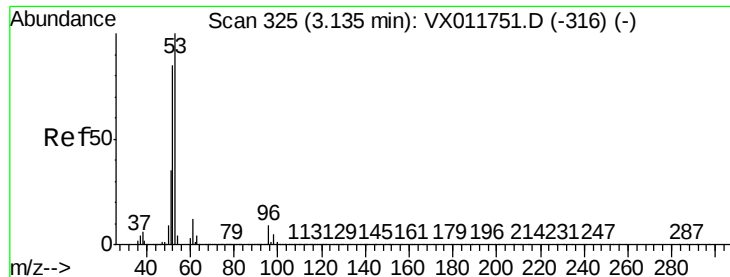
Ion Ratio Lower Upper

41 100

39 61.8 49.3 73.9

76 30.7 26.8 40.2

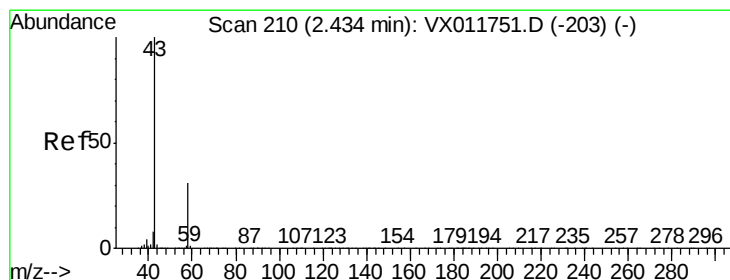
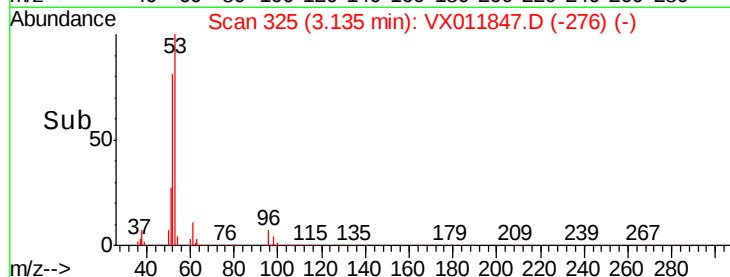
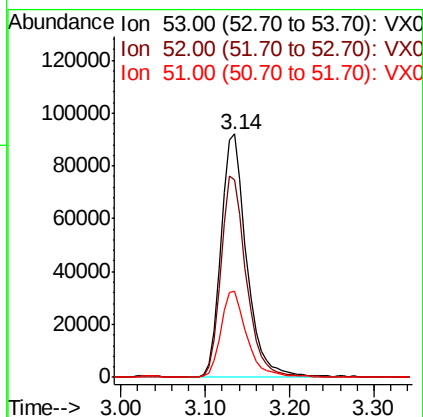
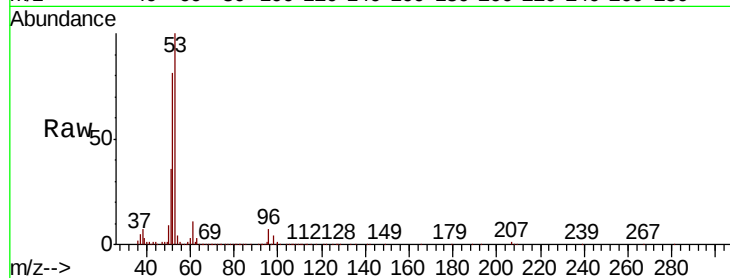




#15
Acrylonitrile
Concen: 116.273 ug/l
RT: 3.14 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX011847.D
Acq: 27 Aug 2019 14:06

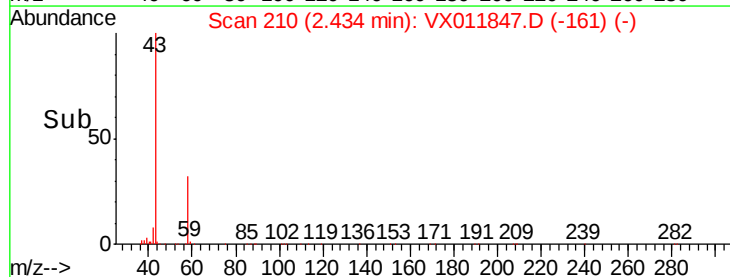
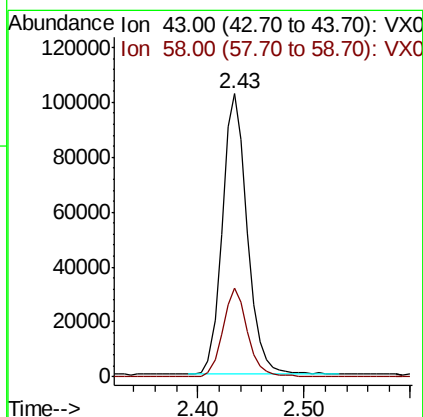
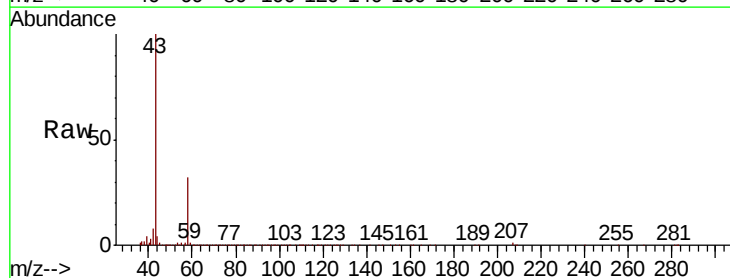
Instrument :
MSVOA_X
ClientSampleId :
VX0827WBSD01

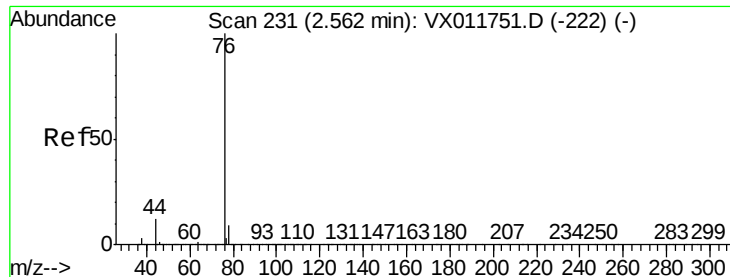
Tgt Ion: 53 Resp: 190504
Ion Ratio Lower Upper
53 100
52 82.5 65.7 98.5
51 35.6 28.6 43.0



#16
Acetone
Concen: 106.041 ug/l
RT: 2.43 min Scan# 210
Delta R.T. 0.00 min
Lab File: VX011847.D
Acq: 27 Aug 2019 14:06

Tgt Ion: 43 Resp: 167215
Ion Ratio Lower Upper
43 100
58 31.6 24.4 36.6





#17

Carbon Disulfide

Concen: 22.348 ug/l

RT: 2.56 min Scan# 231

Delta R.T. 0.00 min

Lab File: VX011847.D

Acq: 27 Aug 2019 14:06

Instrument :

MSVOA_X

ClientSampleId :

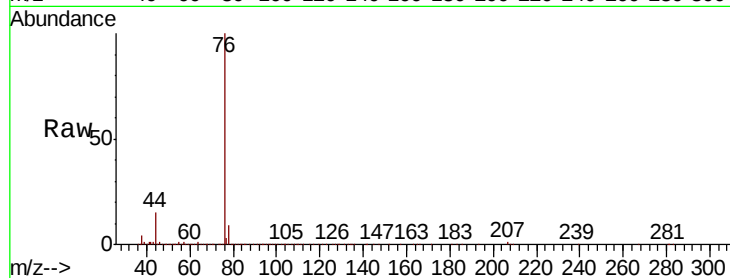
VX0827WBSD01

Tgt Ion: 76 Resp: 160262

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

100000

80000

60000

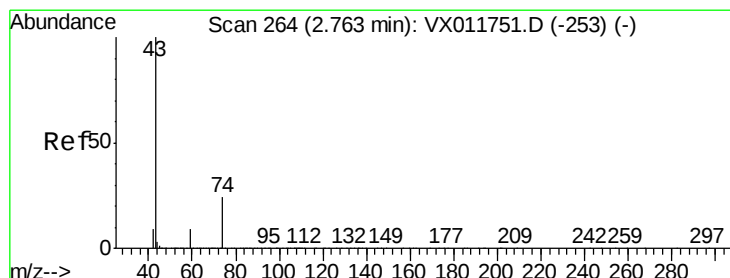
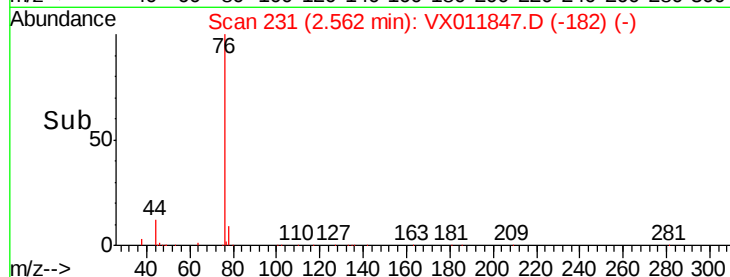
40000

20000

0

Time-->

2.50 2.60 2.70



#18

Methyl Acetate

Concen: 25.682 ug/l

RT: 2.76 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX011847.D

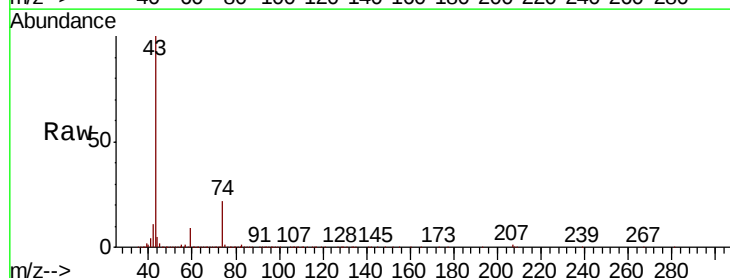
Acq: 27 Aug 2019 14:06

Tgt Ion: 43 Resp: 109891

Ion Ratio Lower Upper

43 100

74 22.8 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

60000

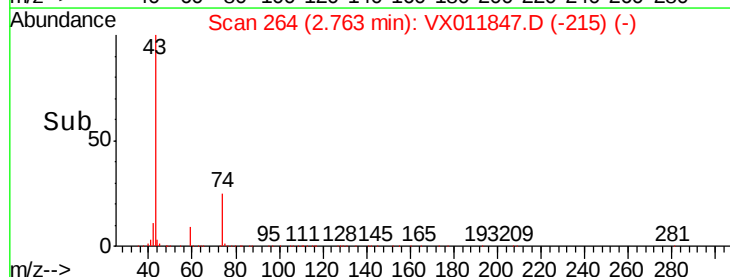
40000

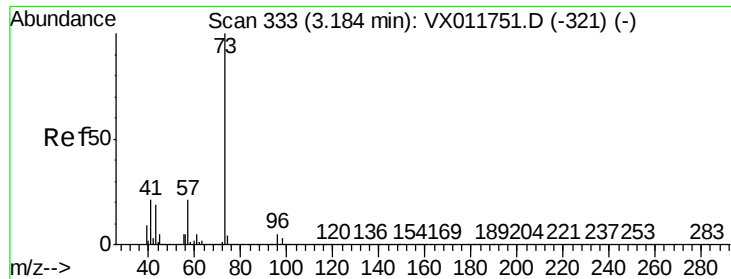
20000

0

Time-->

2.65 2.70 2.75 2.80 2.85

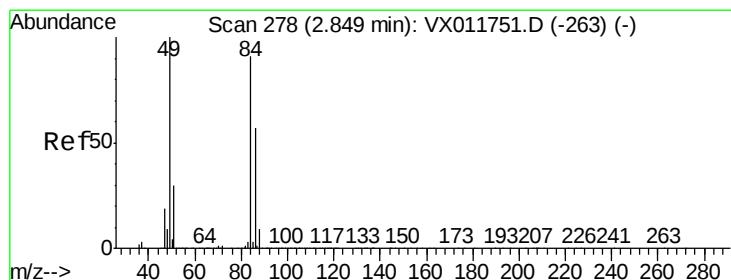
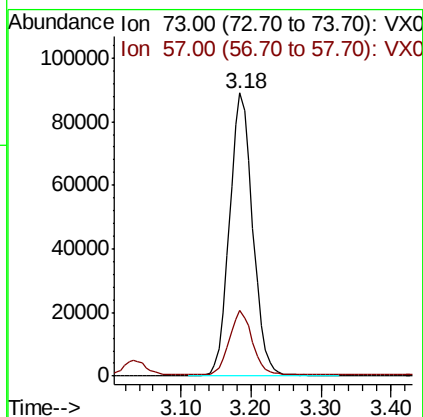
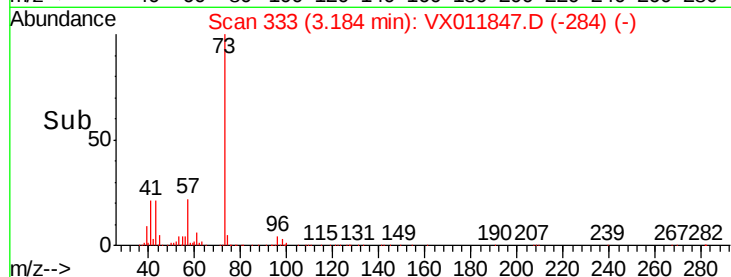
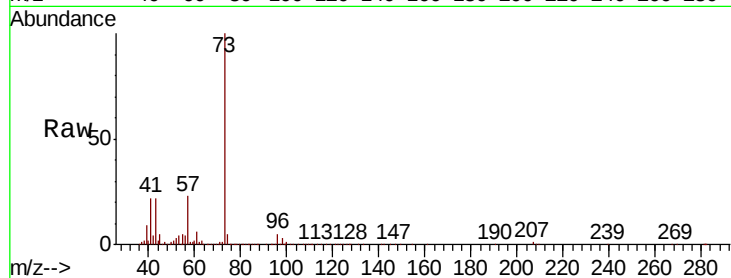




#19
Methyl tert-butyl Ether
Concen: 22.535 ug/l
RT: 3.18 min Scan# 333
Delta R.T. 0.00 min
Lab File: VX011847.D
Acq: 27 Aug 2019 14:06

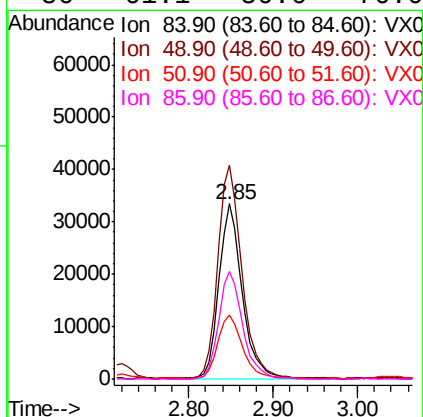
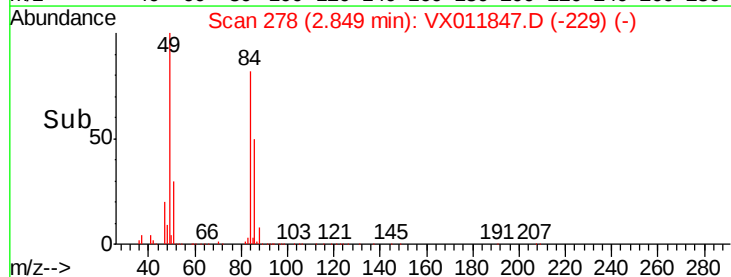
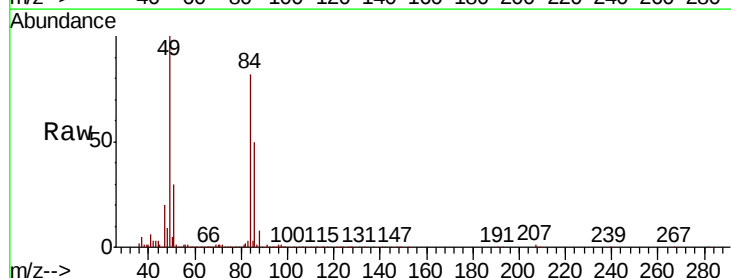
Instrument :
MSVOA_X
ClientSampleId :
VX0827WBSD01

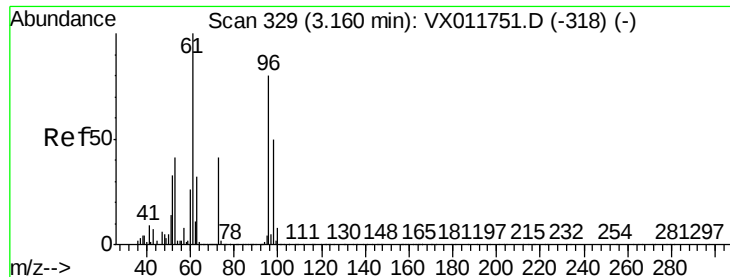
Tgt Ion: 73 Resp: 205020
Ion Ratio Lower Upper
73 100
57 22.6 16.4 24.6



#20
Methylene Chloride
Concen: 19.788 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.00 min
Lab File: VX011847.D
Acq: 27 Aug 2019 14:06

Tgt Ion: 84 Resp: 63793
Ion Ratio Lower Upper
84 100
49 122.2 88.3 132.5
51 36.4 26.2 39.2
86 61.1 50.6 76.0





#21

trans-1,2-Dichloroethene

Concen: 19.998 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.01 min

Lab File: VX011847.D

Acq: 27 Aug 2019 14:06

Instrument :

MSVOA_X

ClientSampleId :

VX0827WBSD01

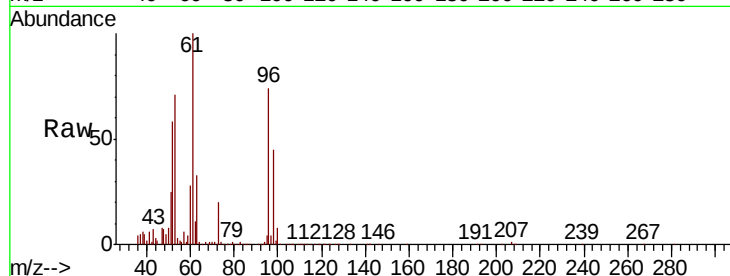
Tgt Ion: 96 Resp: 61178

Ion Ratio Lower Upper

96 100

61 135.5 99.8 149.8

98 60.9 50.3 75.5

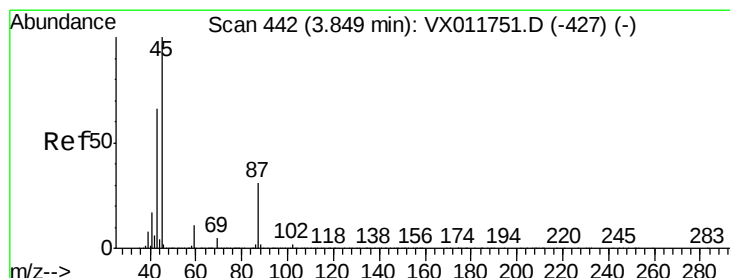
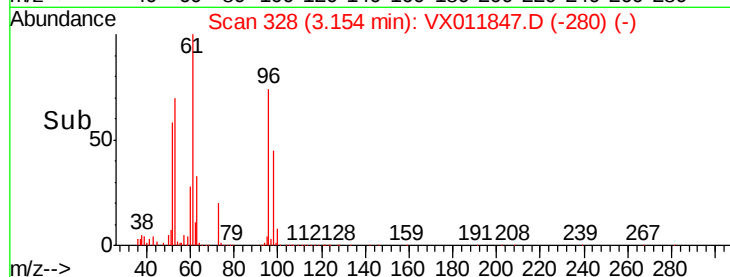
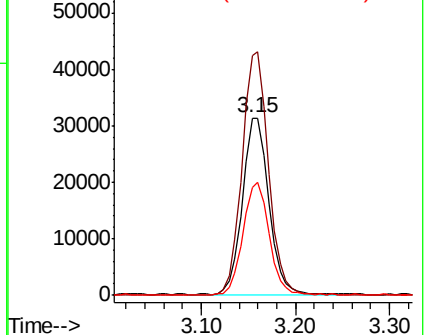


Abundance

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: 24.542 ug/l

RT: 3.85 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX011847.D

Acq: 27 Aug 2019 14:06

Tgt Ion: 45 Resp: 210971

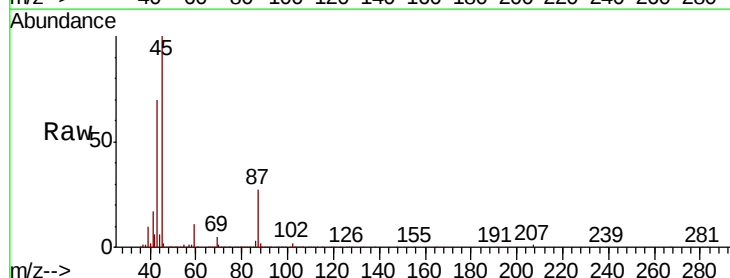
Ion Ratio Lower Upper

45 100

43 68.4 53.0 79.6

87 26.5 24.7 37.1

59 11.2 9.1 13.7



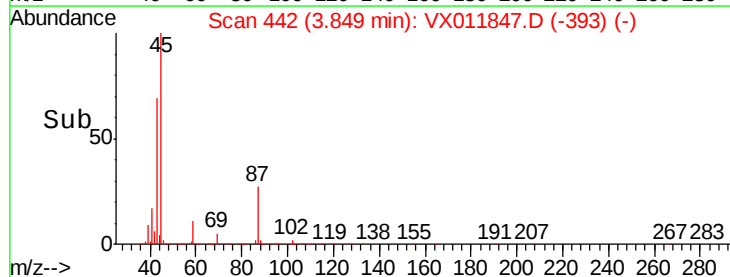
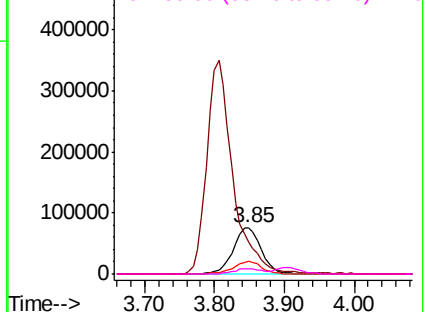
Abundance

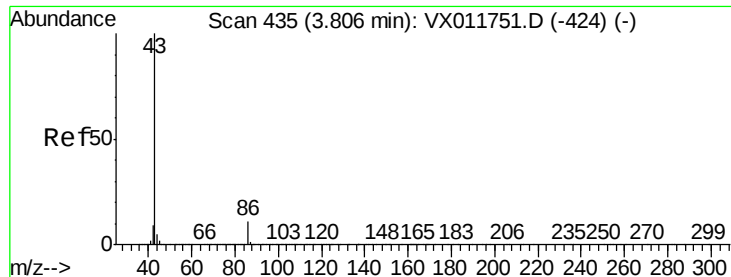
Ion 45.00 (44.70 to 45.70): VX0

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

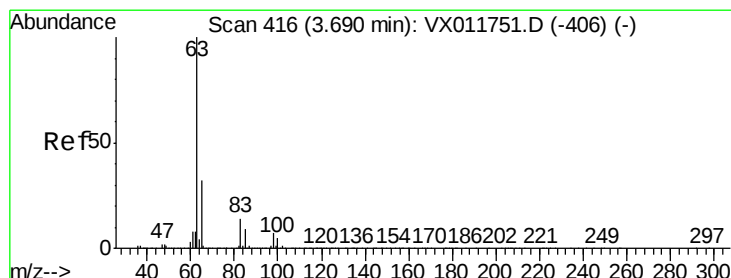
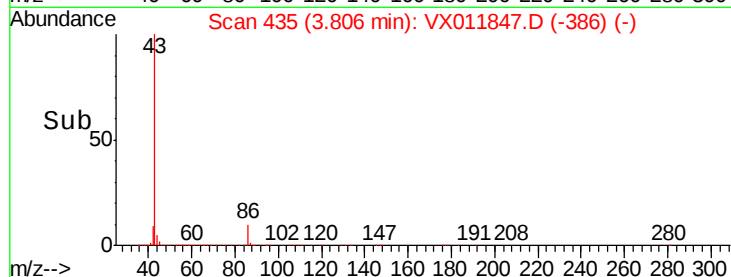
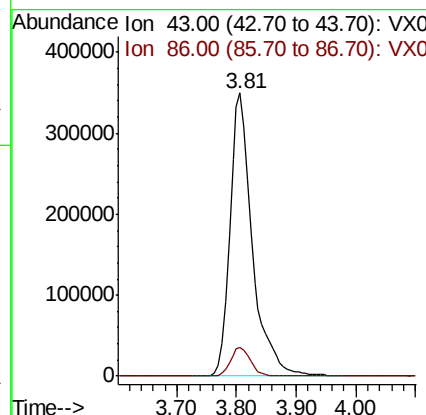
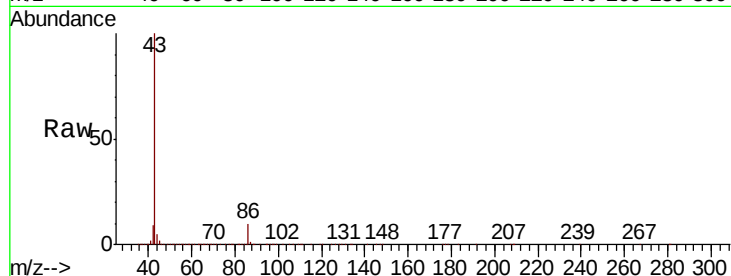




#23
 Vinyl Acetate
 Concen: 126.867 ug/l
 RT: 3.81 min Scan# 435
 Delta R.T. 0.00 min
 Lab File: VX011847.D
 Acq: 27 Aug 2019 14:06

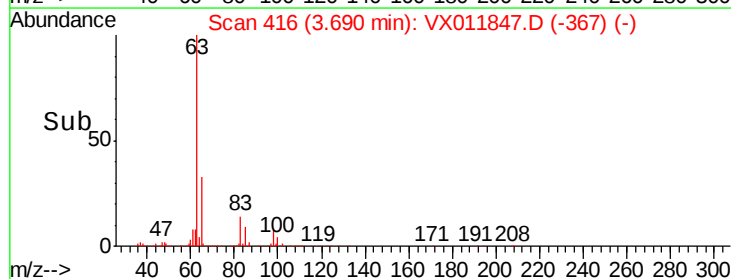
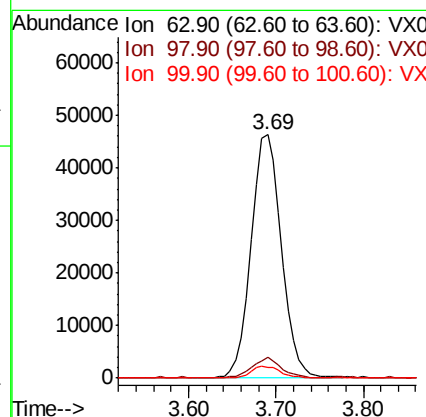
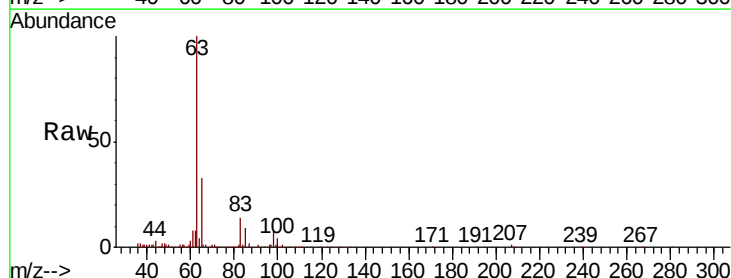
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0827WBSD01

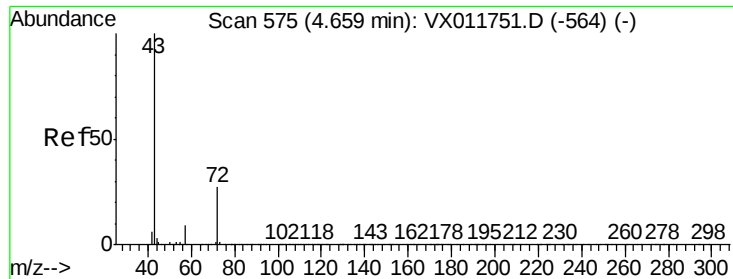
Tgt Ion: 43 Resp: 902961
 Ion Ratio Lower Upper
 43 100
 86 10.1 9.2 13.8



#24
 1,1-Dichloroethane
 Concen: 22.049 ug/l
 RT: 3.69 min Scan# 416
 Delta R.T. 0.00 min
 Lab File: VX011847.D
 Acq: 27 Aug 2019 14:06

Tgt Ion: 63 Resp: 111908
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.7 11.1
 100 4.3 2.3 6.9

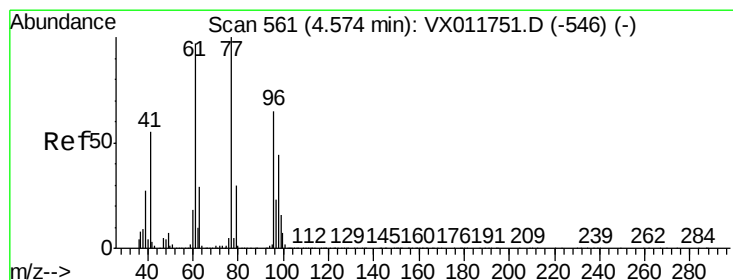
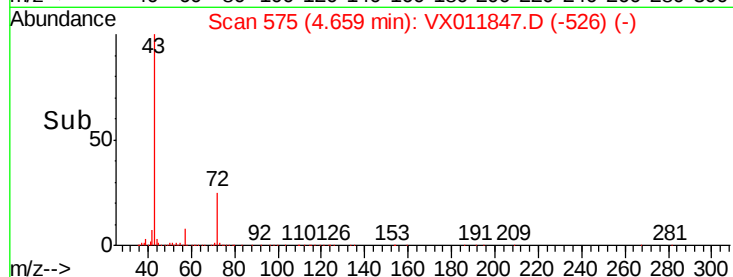
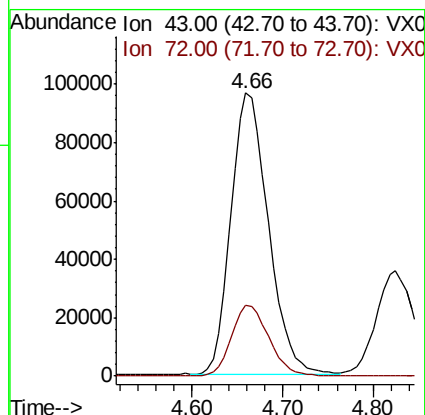
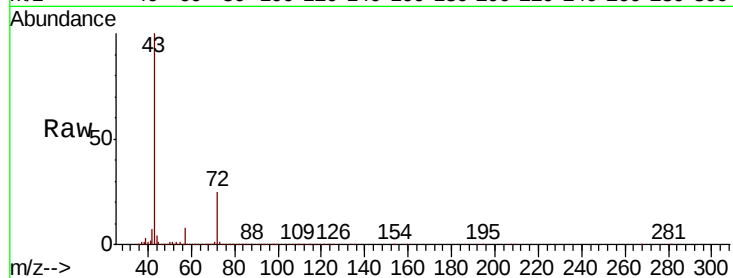




#25
2-Butanone
Concen: 121.689 ug/l
RT: 4.66 min Scan# 575
Delta R.T. 0.00 min
Lab File: VX011847.D
Acq: 27 Aug 2019 14:06

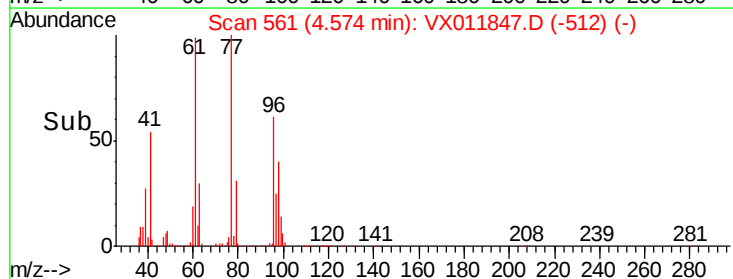
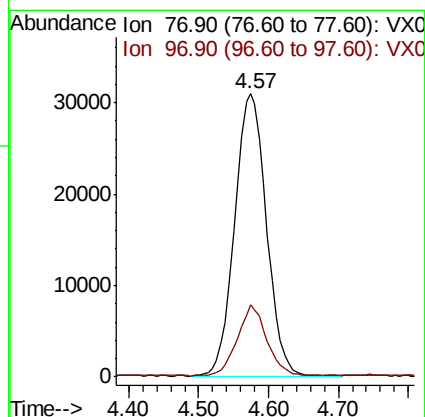
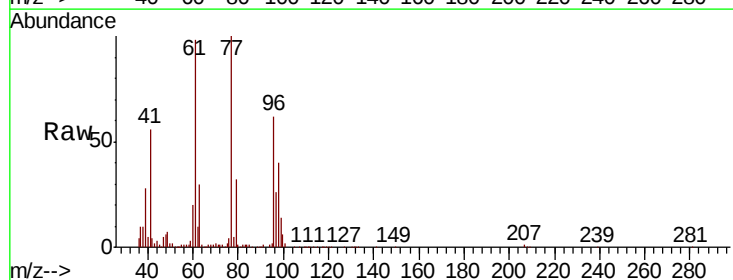
Instrument :
MSVOA_X
ClientSampleId :
VX0827WBSD01

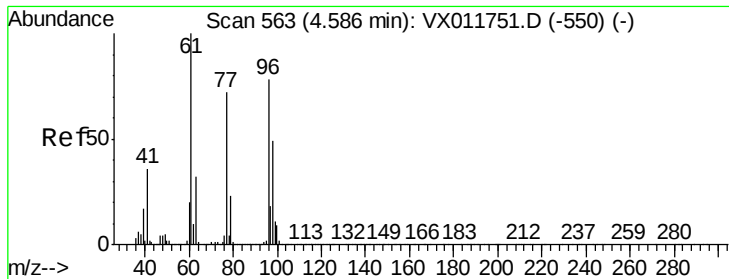
Tgt Ion: 43 Resp: 275434
Ion Ratio Lower Upper
43 100
72 25.1 21.8 32.6



#26
2,2-Dichloropropane
Concen: 22.497 ug/l
RT: 4.57 min Scan# 561
Delta R.T. 0.00 min
Lab File: VX011847.D
Acq: 27 Aug 2019 14:06

Tgt Ion: 77 Resp: 96964
Ion Ratio Lower Upper
77 100
97 23.7 12.2 36.6



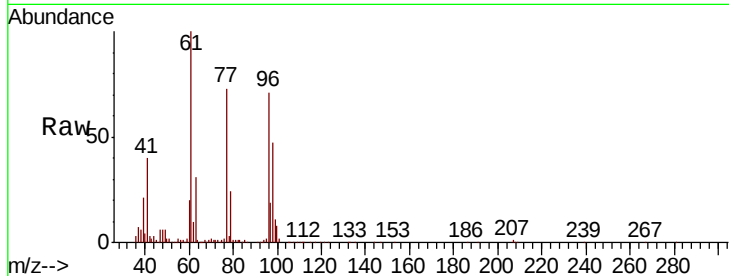


#27

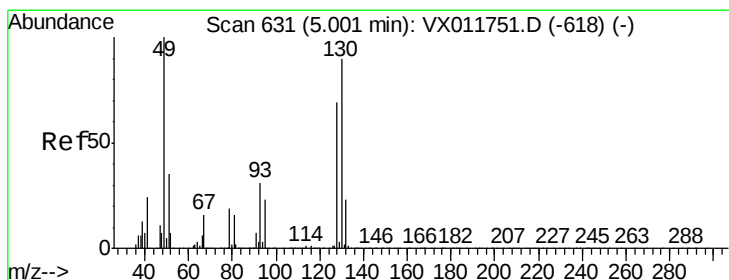
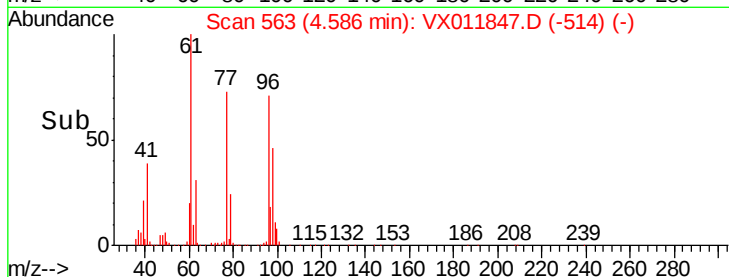
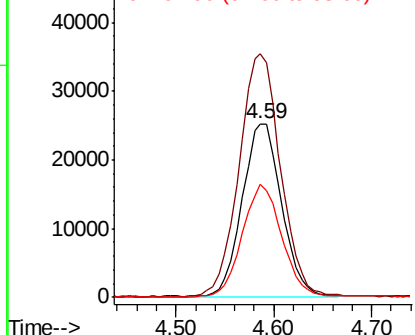
cis-1,2-Dichloroethene
Concen: 20.005 ug/l
RT: 4.59 min Scan# 563
Delta R.T. 0.00 min
Lab File: VX011847.D
Acq: 27 Aug 2019 14:06

Instrument :
MSVOA_X
ClientSampleId :
VX0827WBSD01

Tgt Ion: 96 Resp: 70184
Ion Ratio Lower Upper
96 100
61 149.3 0.0 275.8
98 65.0 0.0 128.2



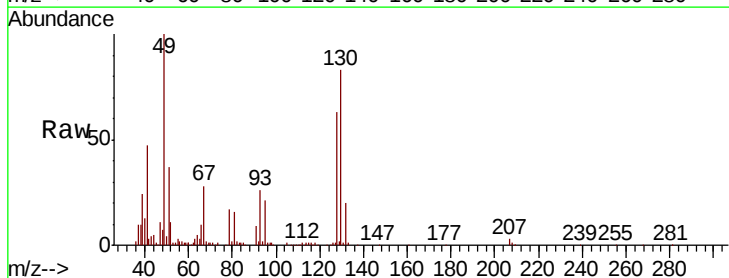
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



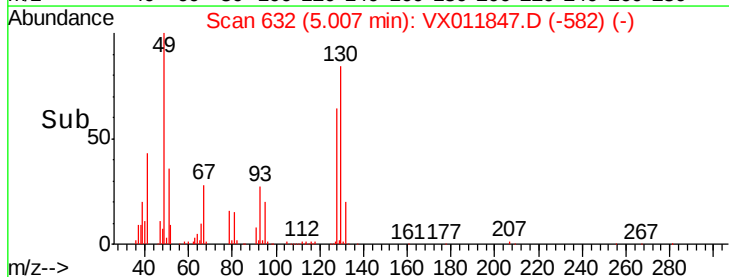
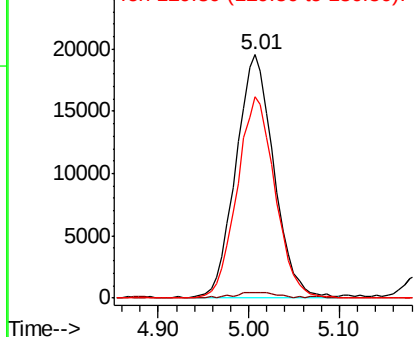
#28

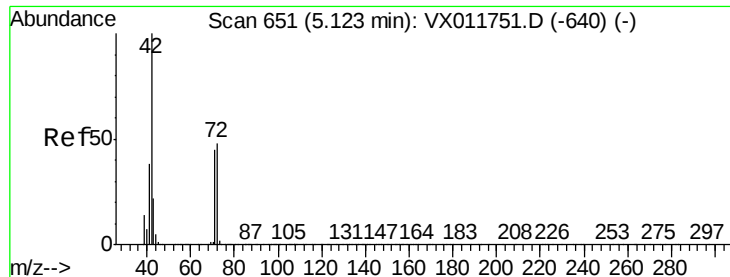
Bromochloromethane
Concen: 24.349 ug/l
RT: 5.01 min Scan# 632
Delta R.T. 0.01 min
Lab File: VX011847.D
Acq: 27 Aug 2019 14:06

Tgt Ion: 49 Resp: 56099
Ion Ratio Lower Upper
49 100
129 2.5 0.0 5.8
130 83.7 76.8 115.2



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





#29

Tetrahydrofuran

Concen: 122.562 ug/l

RT: 5.12 min Scan# 650

Delta R.T. -0.01 min

Lab File: VX011847.D

Acq: 27 Aug 2019 14:06

Instrument :

MSVOA_X

ClientSampleId :

VX0827WBSD01

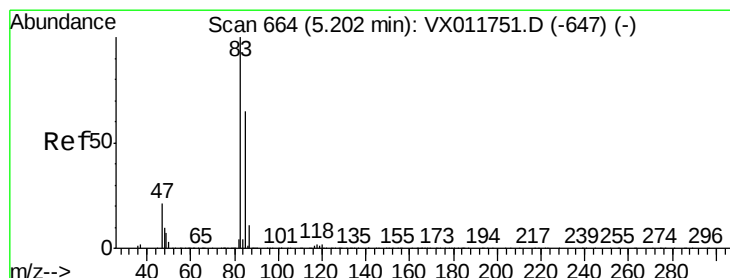
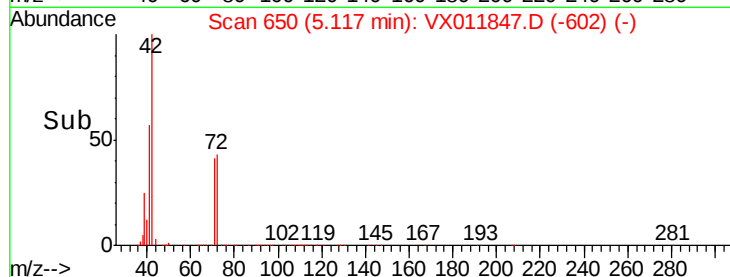
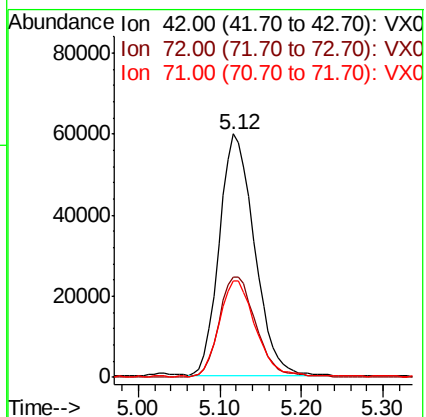
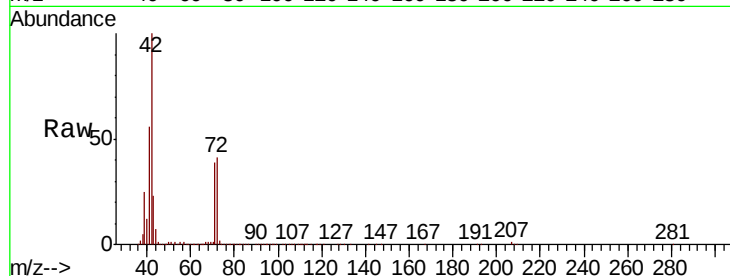
Tgt Ion: 42 Resp: 177826

Ion Ratio Lower Upper

42 100

72 43.8 37.6 56.4

71 40.9 34.6 51.8



#30

Chloroform

Concen: 20.561 ug/l

RT: 5.20 min Scan# 664

Delta R.T. 0.00 min

Lab File: VX011847.D

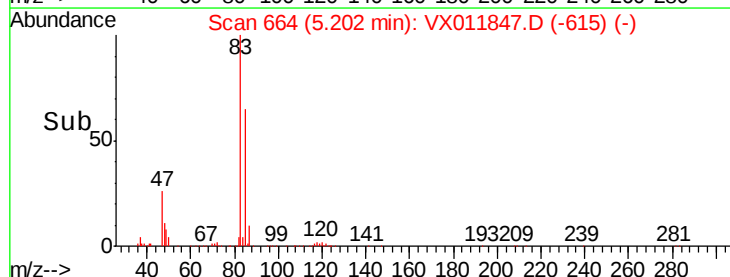
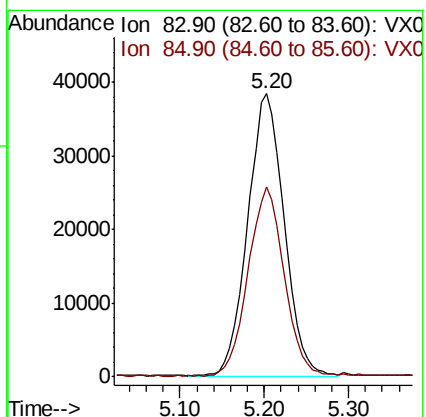
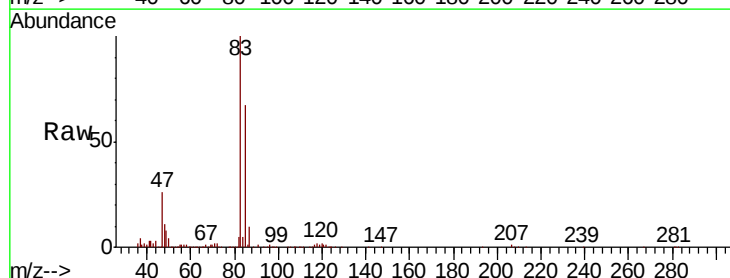
Acq: 27 Aug 2019 14:06

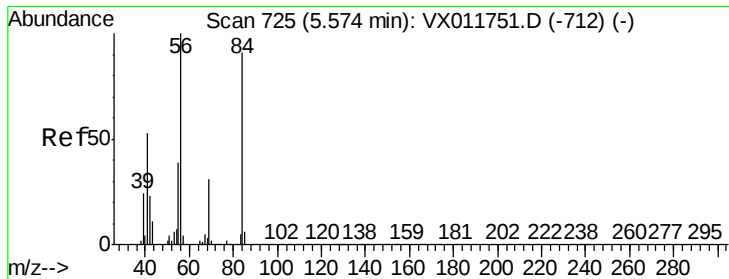
Tgt Ion: 83 Resp: 113218

Ion Ratio Lower Upper

83 100

85 66.7 51.8 77.8

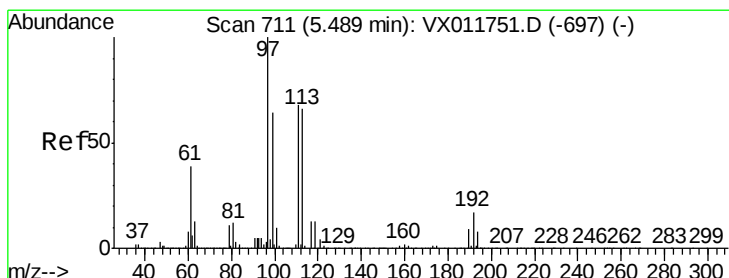
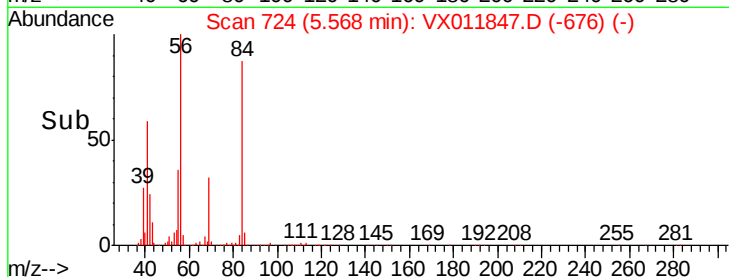
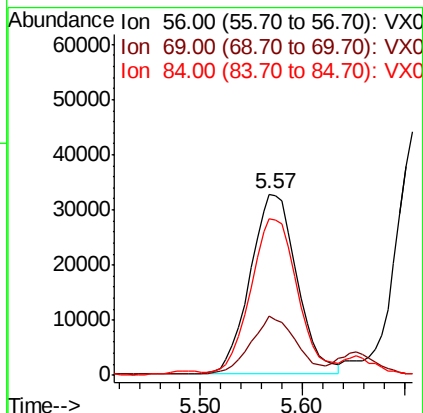
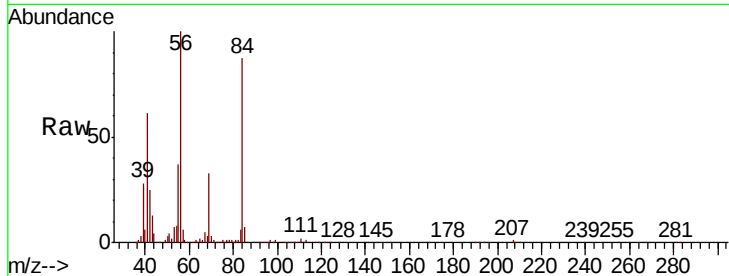




#31
Cyclohexane
Concen: 23.249 ug/l
RT: 5.57 min Scan# 724
Delta R.T. -0.01 min
Lab File: VX011847.D
Acq: 27 Aug 2019 14:06

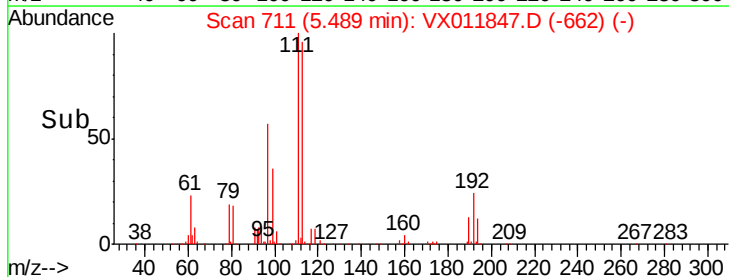
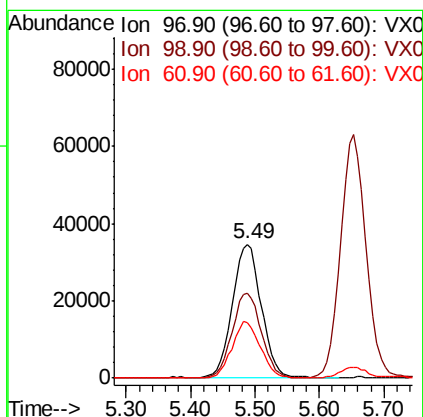
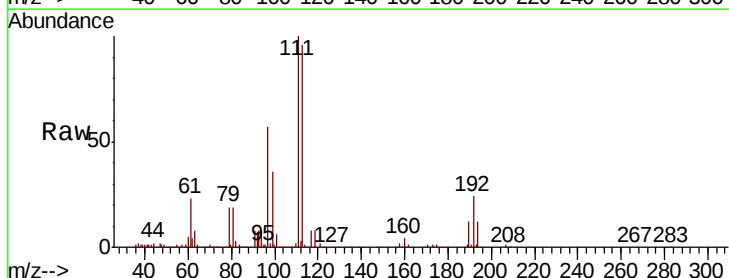
Instrument :
MSVOA_X
ClientSampleId :
VX0827WBSD01

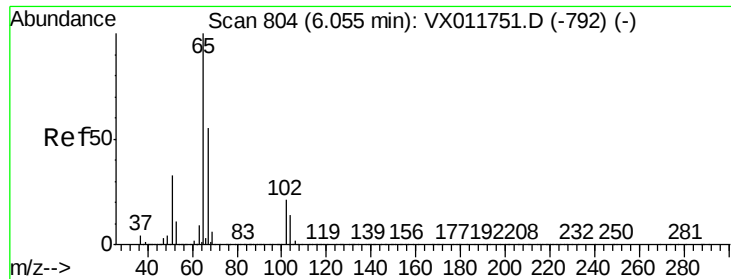
Tgt Ion: 56 Resp: 103633
Ion Ratio Lower Upper
56 100
69 32.3 24.5 36.7
84 84.9 72.7 109.1



#32
1,1,1-Trichloroethane
Concen: 22.434 ug/l
RT: 5.49 min Scan# 711
Delta R.T. 0.00 min
Lab File: VX011847.D
Acq: 27 Aug 2019 14:06

Tgt Ion: 97 Resp: 107385
Ion Ratio Lower Upper
97 100
99 64.7 51.4 77.0
61 41.3 31.6 47.4

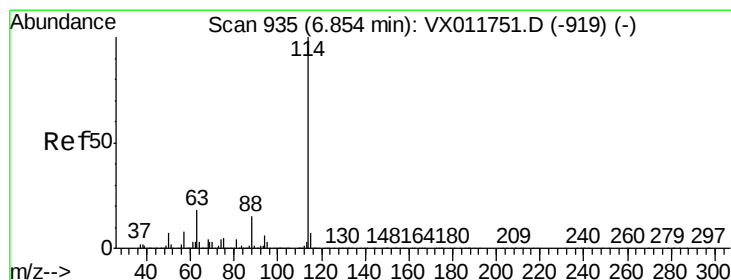
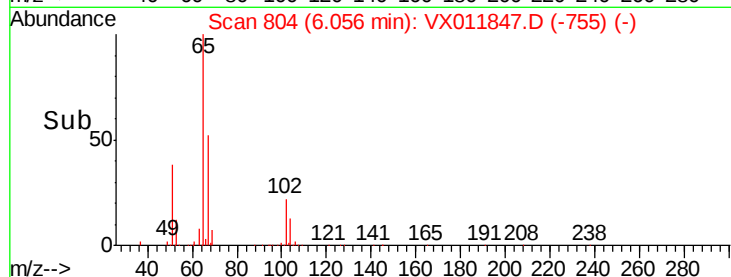
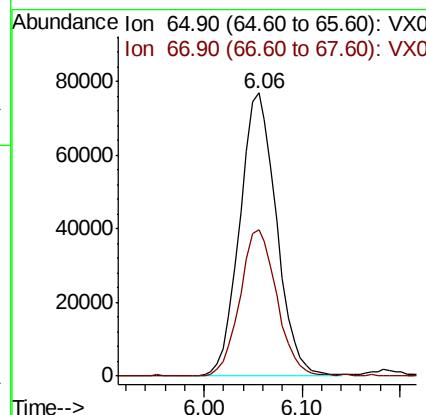
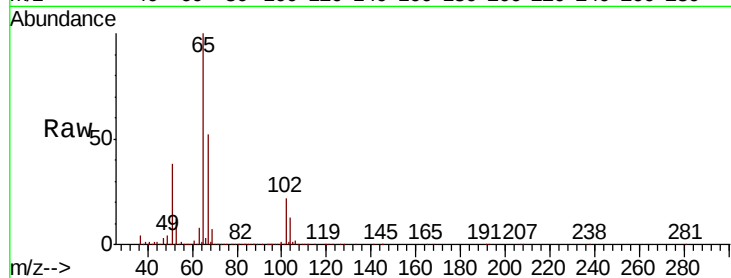




#33
 1,2-Dichloroethane-d4
 Concen: 54.887 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX011847.D
 Acq: 27 Aug 2019 14:06

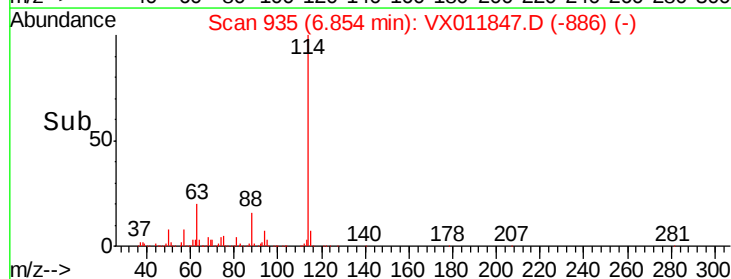
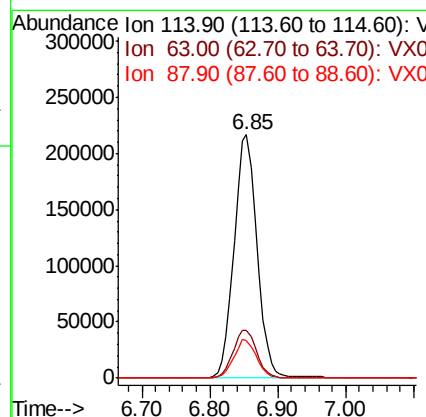
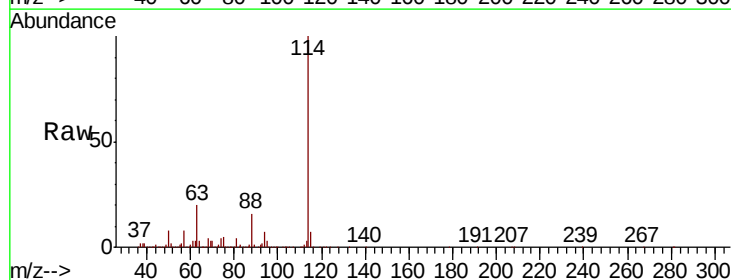
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0827WBSD01

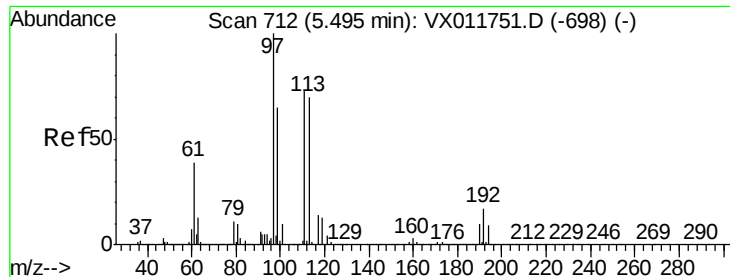
Tgt Ion: 65 Resp: 198967
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VX011847.D
 Acq: 27 Aug 2019 14:06

Tgt Ion: 114 Resp: 509701
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 36.8
 88 15.5 0.0 30.2





#35

Dibromofluoromethane

Concen: 50.748 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX011847.D

Acq: 27 Aug 2019 14:06

Instrument :

MSVOA_X

ClientSampleId :

VX0827WBSD01

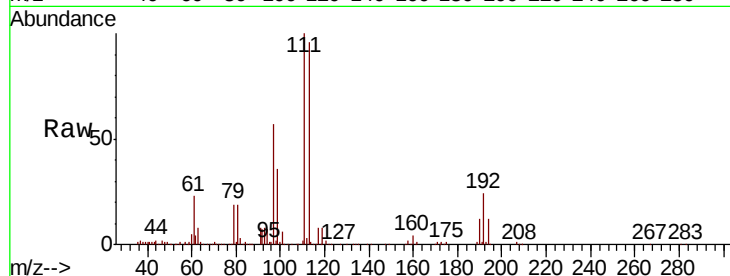
Tgt Ion:113 Resp: 167262

Ion Ratio Lower Upper

113 100

111 102.5 81.0 121.4

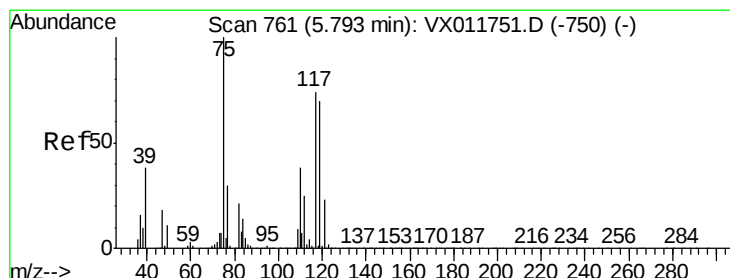
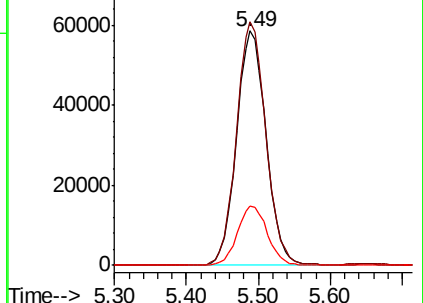
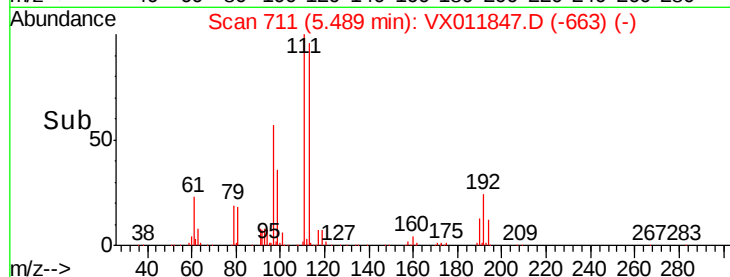
192 25.5 19.9 29.9



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: 20.656 ug/l

RT: 5.79 min Scan# 761

Delta R.T. 0.00 min

Lab File: VX011847.D

Acq: 27 Aug 2019 14:06

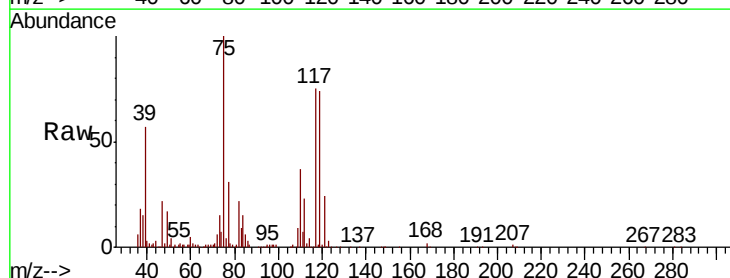
Tgt Ion: 75 Resp: 82562

Ion Ratio Lower Upper

75 100

110 36.9 19.0 57.0

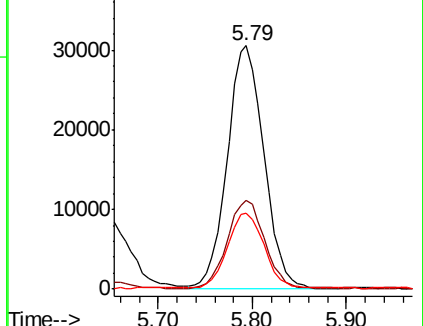
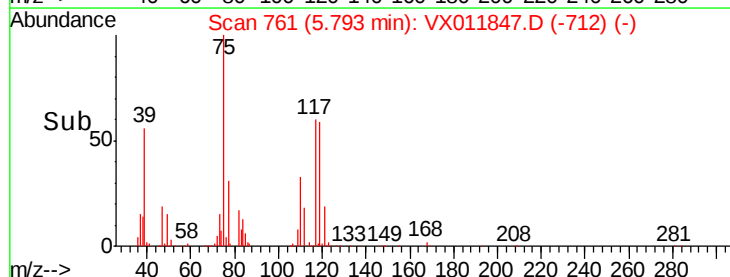
77 30.7 24.6 36.8

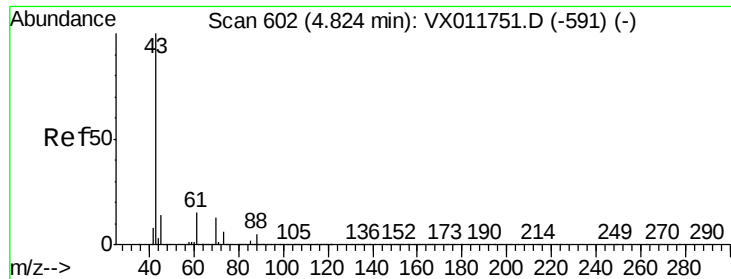


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

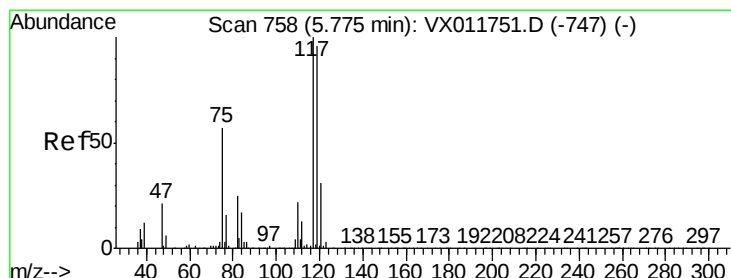
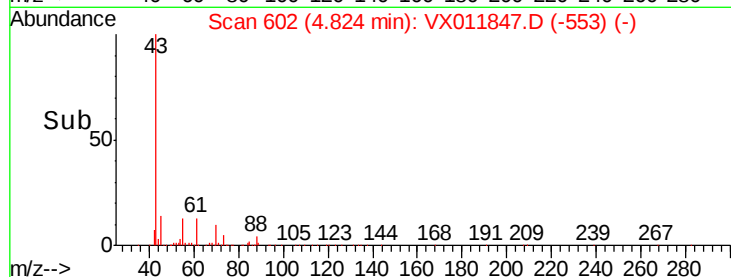
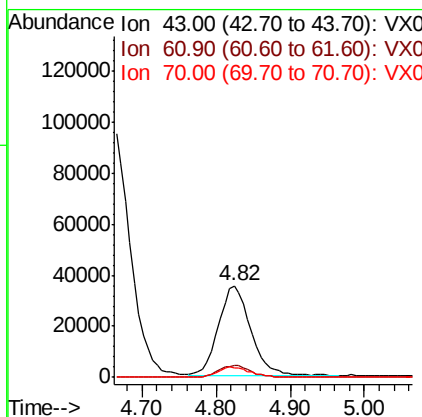
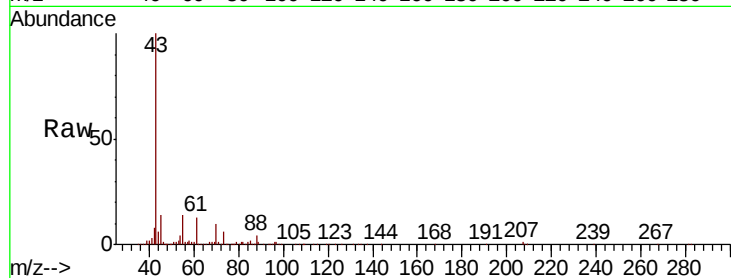




#37
 Ethyl Acetate
 Concen: 25.123 ug/l
 RT: 4.82 min Scan# 602
 Delta R.T. 0.00 min
 Lab File: VX011847.D
 Acq: 27 Aug 2019 14:06

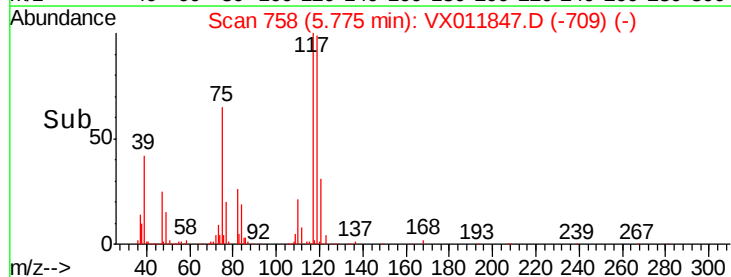
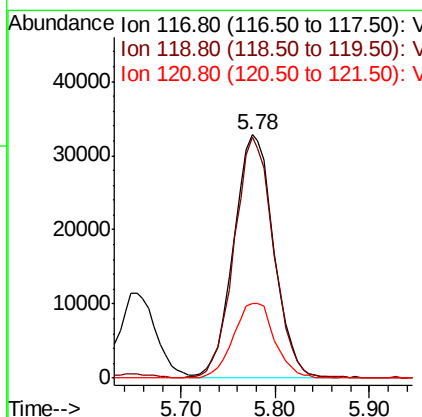
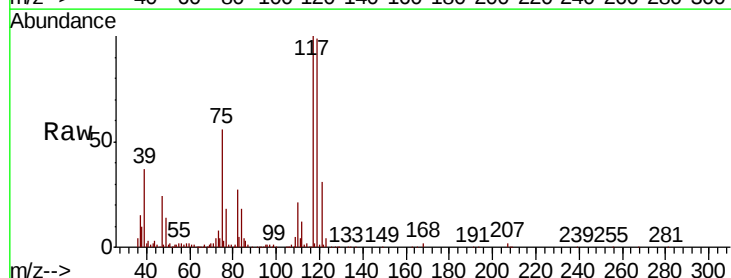
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0827WBSD01

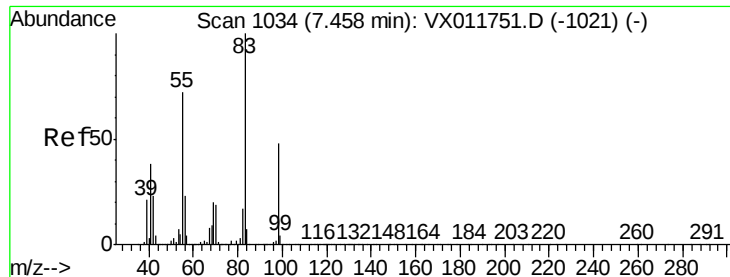
Tgt Ion: 43 Resp: 106266
 Ion Ratio Lower Upper
 43 100
 61 12.9 11.5 17.3
 70 11.0 9.5 14.3



#38
 Carbon Tetrachloride
 Concen: 21.480 ug/l
 RT: 5.78 min Scan# 758
 Delta R.T. 0.00 min
 Lab File: VX011847.D
 Acq: 27 Aug 2019 14:06

Tgt Ion: 117 Resp: 97299
 Ion Ratio Lower Upper
 117 100
 119 99.0 76.6 114.8
 121 30.8 25.2 37.8

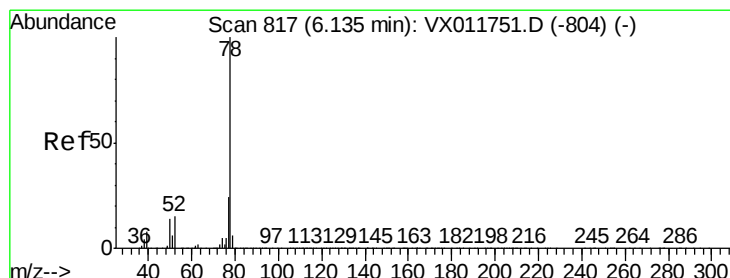
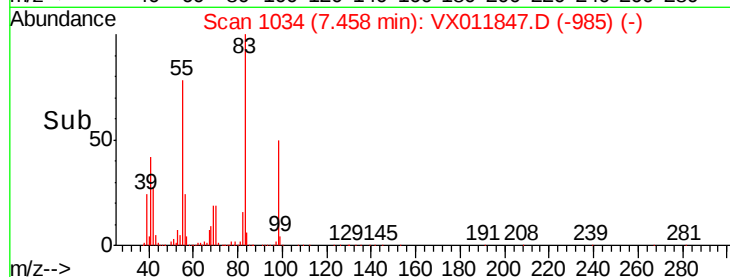
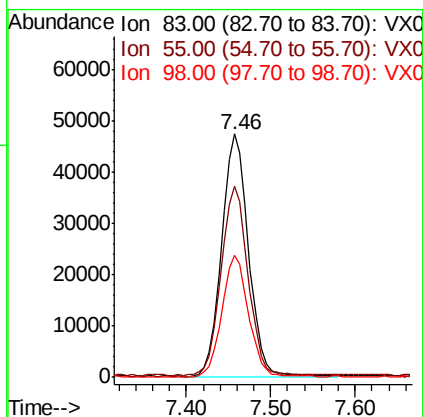
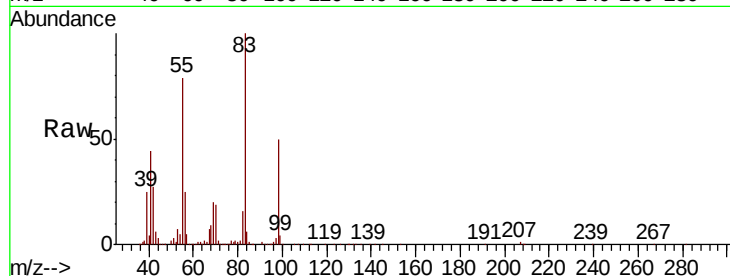




#39
Methylcyclohexane
Concen: 20.873 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX011847.D
Acq: 27 Aug 2019 14:06

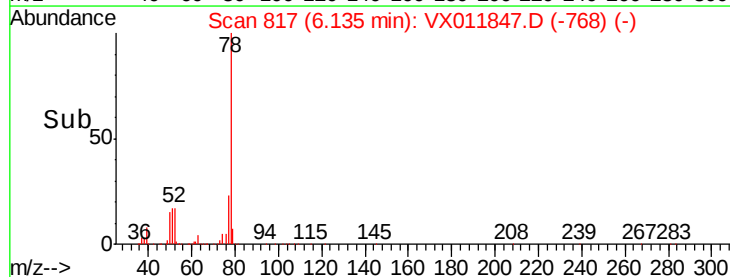
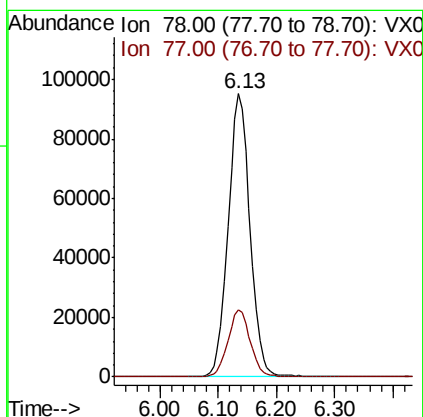
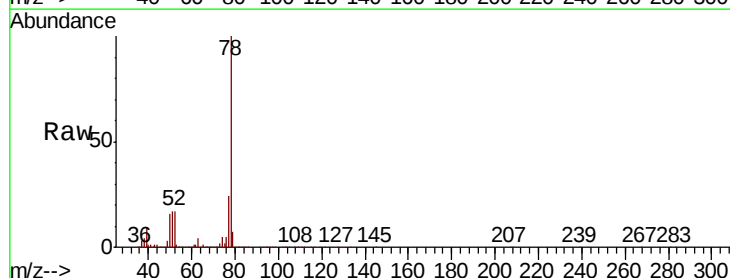
Instrument :
MSVOA_X
ClientSampleId :
VX0827WBSD01

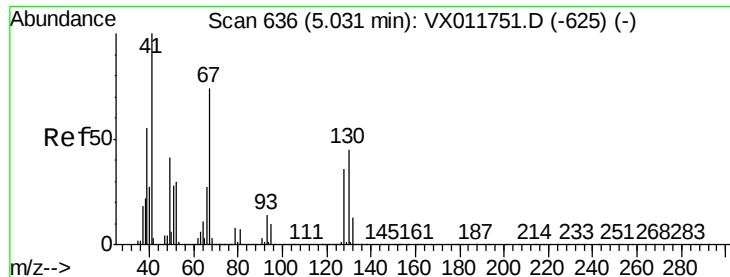
Tgt Ion: 83 Resp: 103383
Ion Ratio Lower Upper
83 100
55 77.7 57.8 86.6
98 49.8 38.6 58.0



#40
Benzene
Concen: 20.084 ug/l
RT: 6.13 min Scan# 817
Delta R.T. 0.00 min
Lab File: VX011847.D
Acq: 27 Aug 2019 14:06

Tgt Ion: 78 Resp: 248323
Ion Ratio Lower Upper
78 100
77 23.6 19.1 28.7





#41

Methacrylonitrile

Concen: 23.484 ug/l

RT: 5.03 min Scan# 636

Delta R.T. 0.00 min

Lab File: VX011847.D

Acq: 27 Aug 2019 14:06

Instrument :

MSVOA_X

ClientSampleId :

VX0827WBSD01

Tgt Ion: 41 Resp: 57770

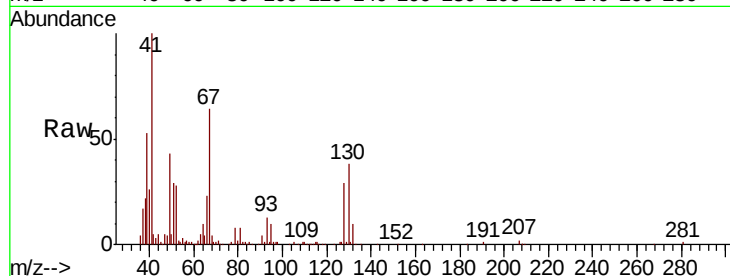
Ion Ratio Lower Upper

41 100

39 54.4 44.3 66.5

67 68.9 60.3 90.5

52 28.7 24.0 36.0



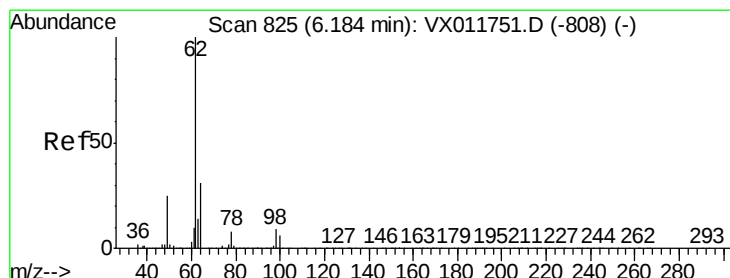
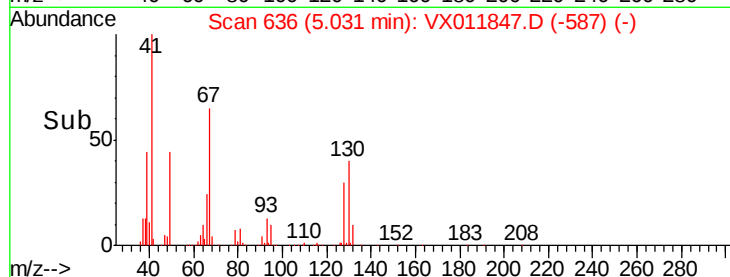
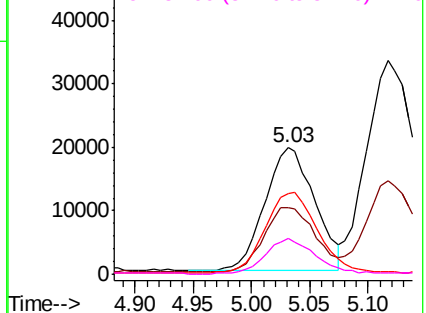
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 20.168 ug/l

RT: 6.19 min Scan# 826

Delta R.T. 0.01 min

Lab File: VX011847.D

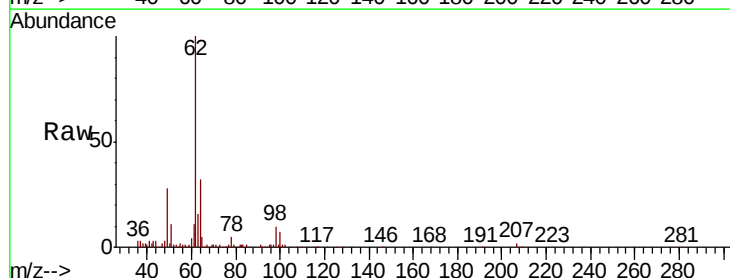
Acq: 27 Aug 2019 14:06

Tgt Ion: 62 Resp: 91159

Ion Ratio Lower Upper

62 100

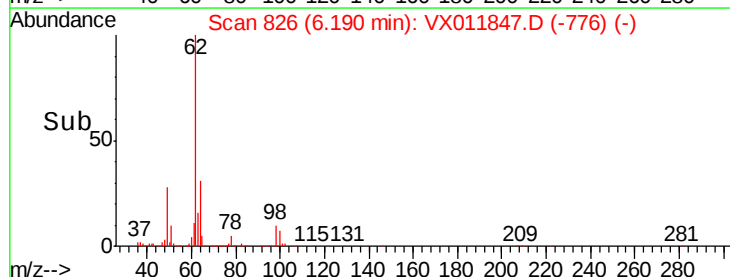
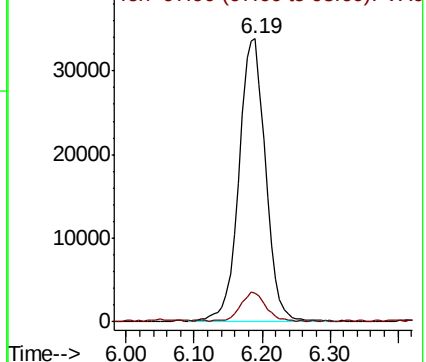
98 9.4 0.0 18.8

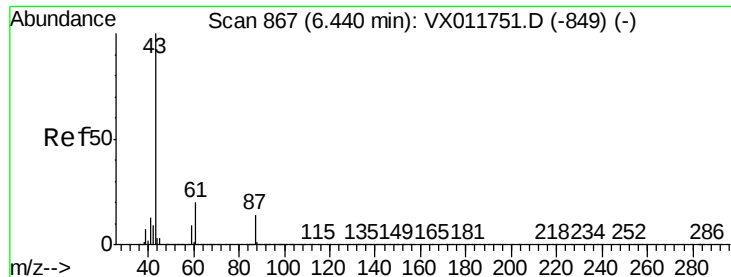


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 25.096 ug/l

RT: 6.44 min Scan# 867

Delta R.T. 0.00 min

Lab File: VX011847.D

Acq: 27 Aug 2019 14:06

Instrument :

MSVOA_X

ClientSampleId :

VX0827WBSD01

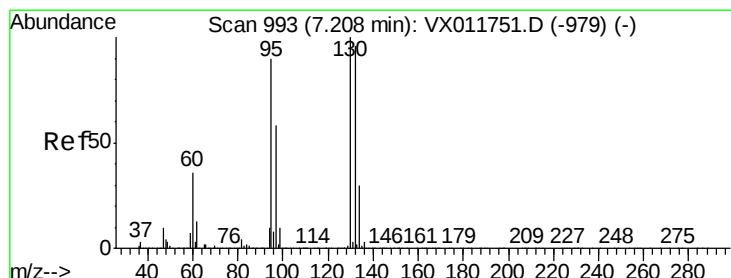
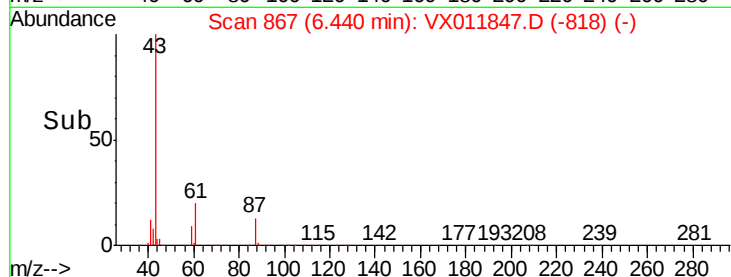
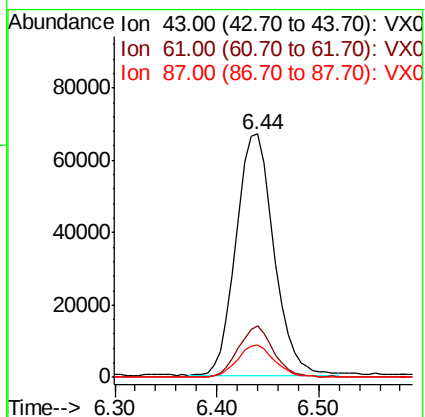
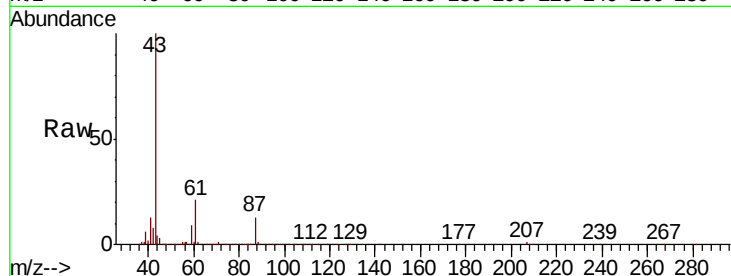
Tgt Ion: 43 Resp: 171805

Ion Ratio Lower Upper

43 100

61 20.3 16.2 24.2

87 13.2 11.6 17.4



#44

Trichloroethene

Concen: 19.289 ug/l

RT: 7.21 min Scan# 993

Delta R.T. 0.00 min

Lab File: VX011847.D

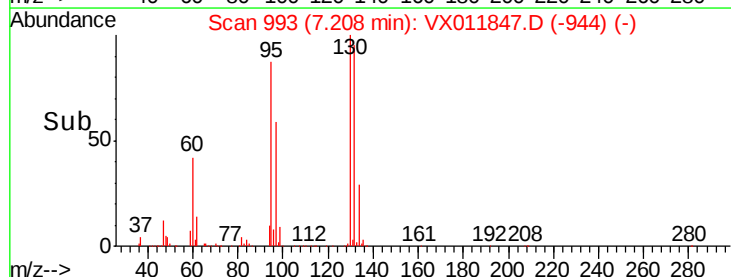
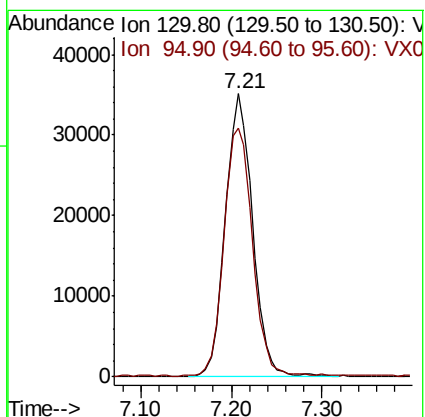
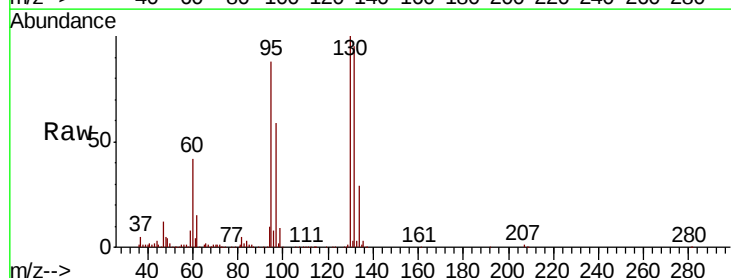
Acq: 27 Aug 2019 14:06

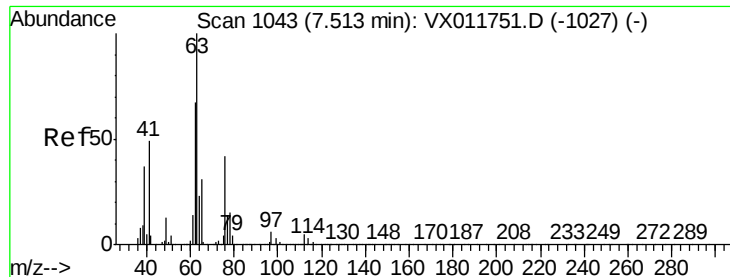
Tgt Ion: 130 Resp: 73520

Ion Ratio Lower Upper

130 100

95 87.4 0.0 179.0





#45

1,2-Dichloropropane

Concen: 21.036 ug/l

RT: 7.51 min Scan# 1042

Delta R.T. -0.01 min

Lab File: VX011847.D

Acq: 27 Aug 2019 14:06

Instrument :

MSVOA_X

ClientSampleId :

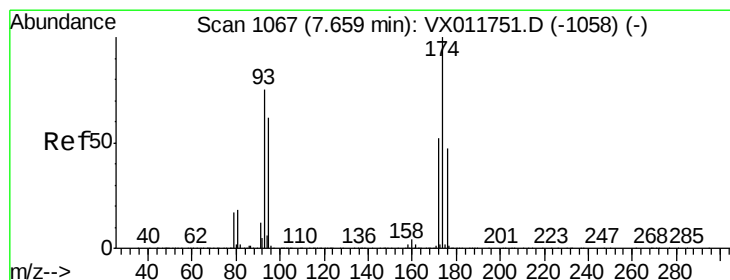
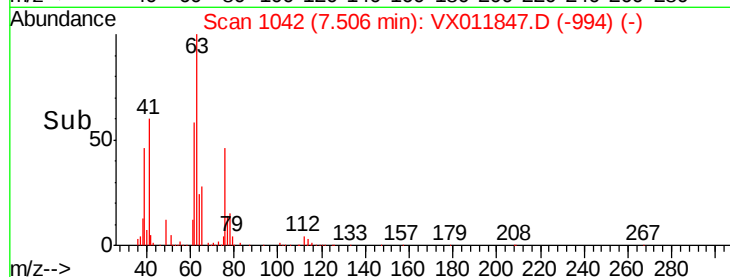
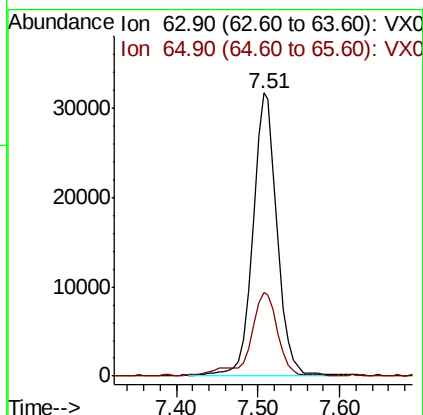
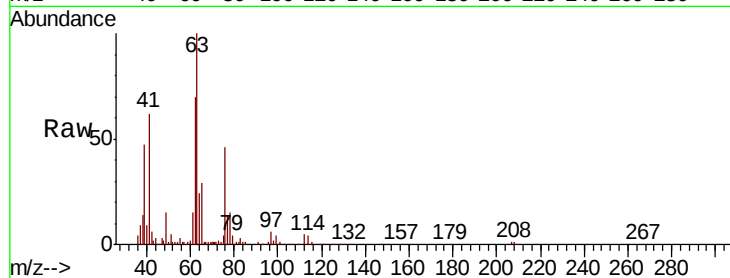
VX0827WBSD01

Tgt Ion: 63 Resp: 65377

Ion Ratio Lower Upper

63 100

65 29.3 24.8 37.2



#46

Dibromomethane

Concen: 19.187 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX011847.D

Acq: 27 Aug 2019 14:06

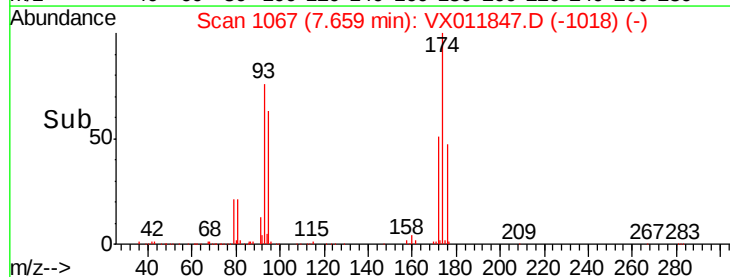
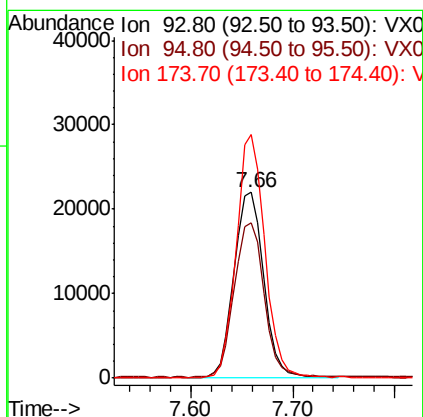
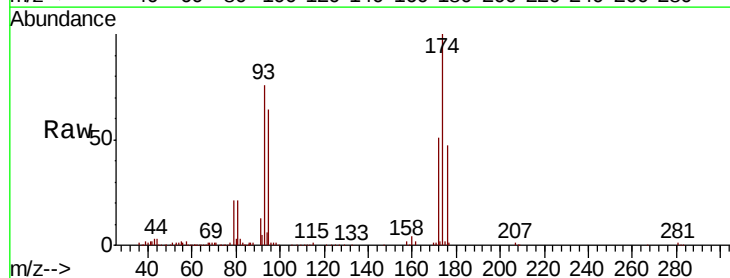
Tgt Ion: 93 Resp: 43962

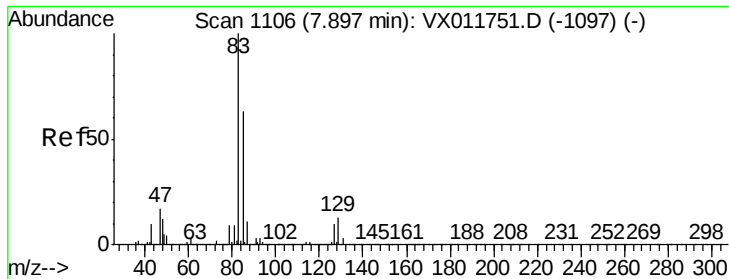
Ion Ratio Lower Upper

93 100

95 85.0 66.2 99.2

174 126.9 104.2 156.4





#47

Bromodichloromethane

Concen: 22.572 ug/l

RT: 7.89 min Scan# 1105

Delta R.T. -0.01 min

Lab File: VX011847.D

Acq: 27 Aug 2019 14:06

Instrument :

MSVOA_X

ClientSampleId :

VX0827WBSD01

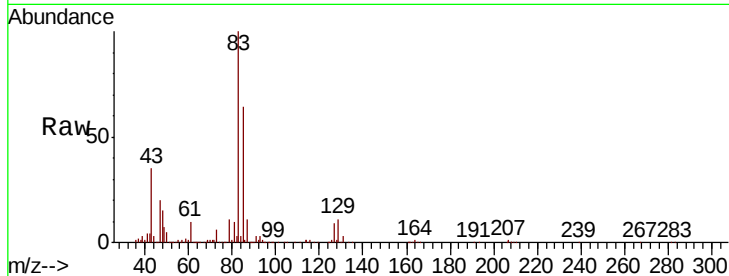
Tgt Ion: 83 Resp: 93102

Ion Ratio Lower Upper

83 100

85 63.8 50.6 76.0

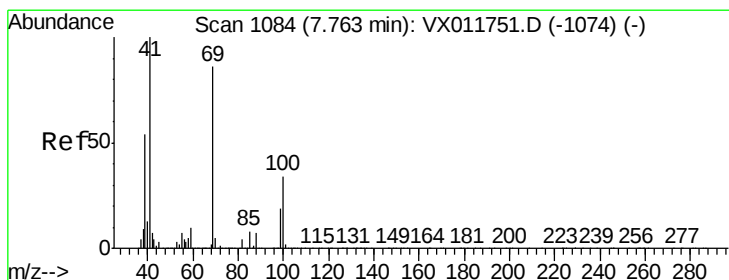
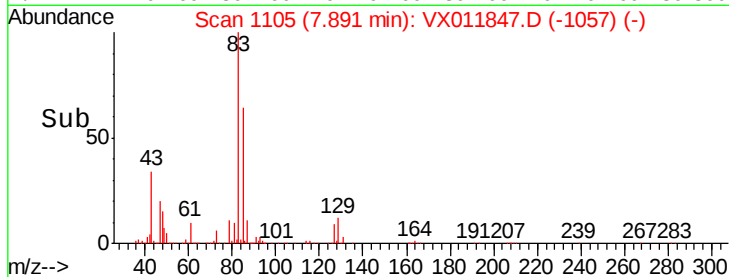
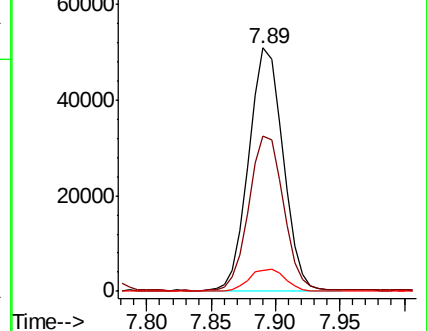
127 8.5 8.4 12.6



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: 24.376 ug/l

RT: 7.76 min Scan# 1084

Delta R.T. 0.00 min

Lab File: VX011847.D

Acq: 27 Aug 2019 14:06

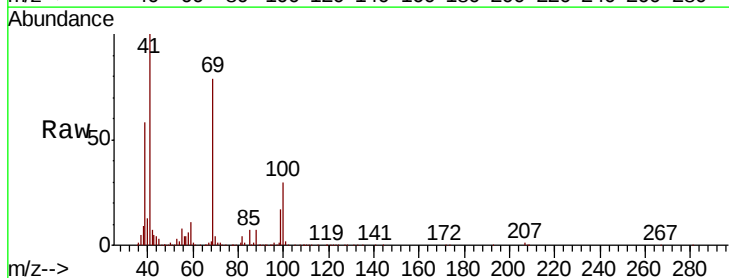
Tgt Ion: 41 Resp: 83049

Ion Ratio Lower Upper

41 100

69 79.5 69.4 104.2

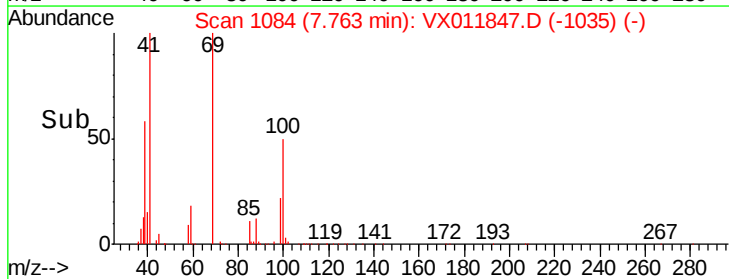
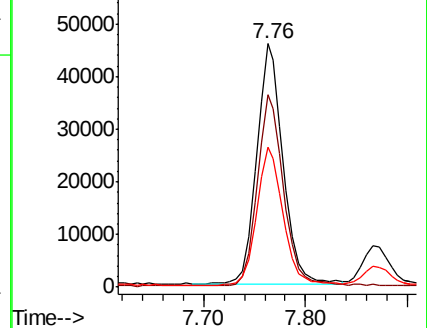
39 57.6 43.6 65.4

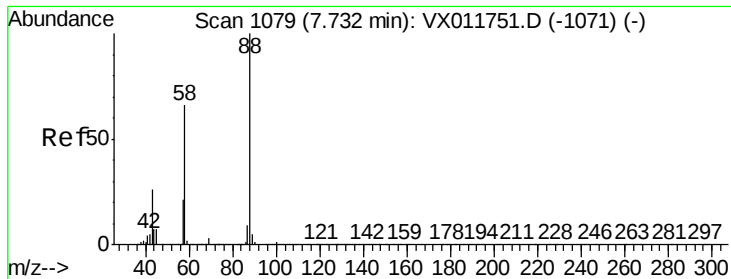


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 402.094 ug/l

RT: 7.73 min Scan# 1079

Delta R.T. 0.00 min

Lab File: VX011847.D

Acq: 27 Aug 2019 14:06

Instrument :

MSVOA_X

ClientSampleId :

VX0827WBSD01

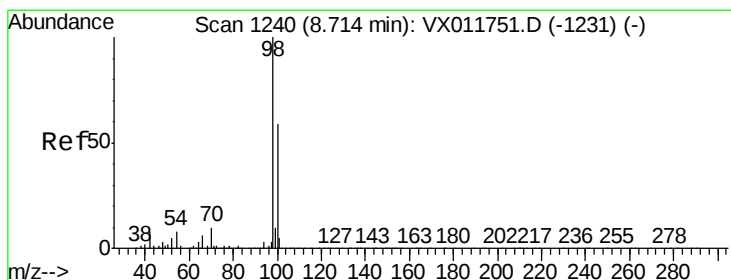
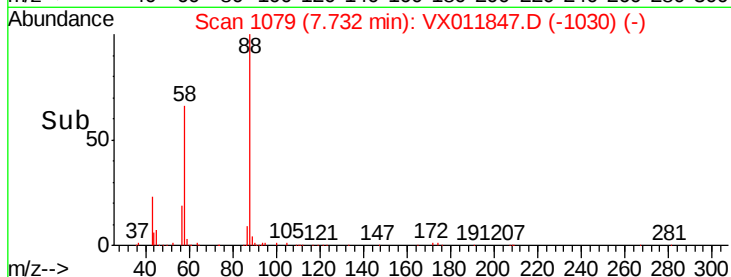
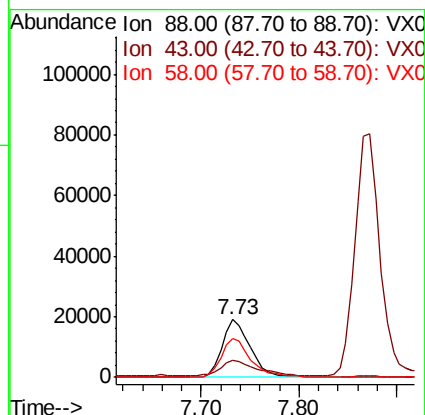
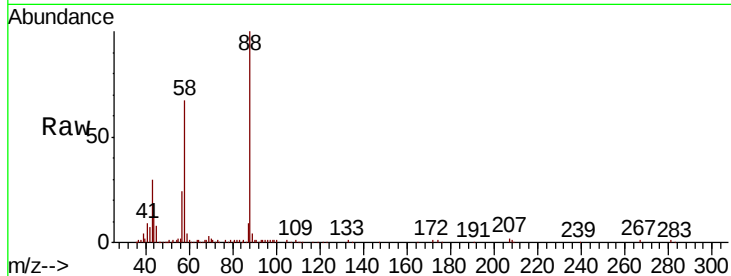
Tgt Ion: 88 Resp: 37957

Ion Ratio Lower Upper

88 100

43 34.1 24.6 37.0

58 67.3 51.4 77.2



#50

Toluene-d8

Concen: 52.333 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011847.D

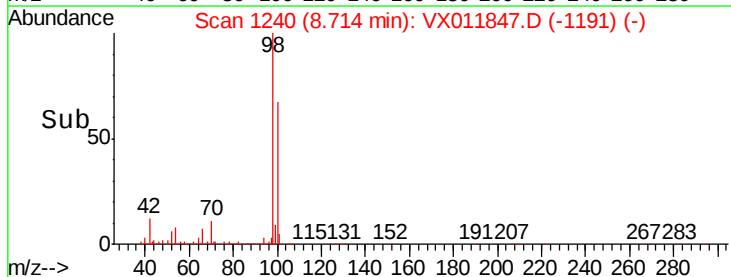
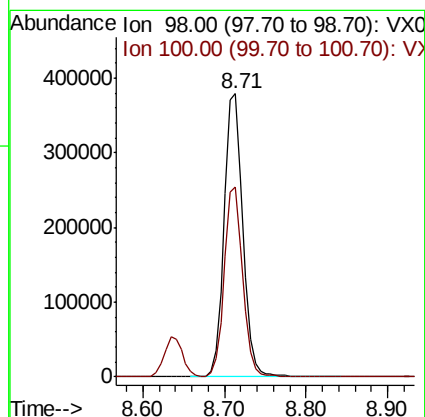
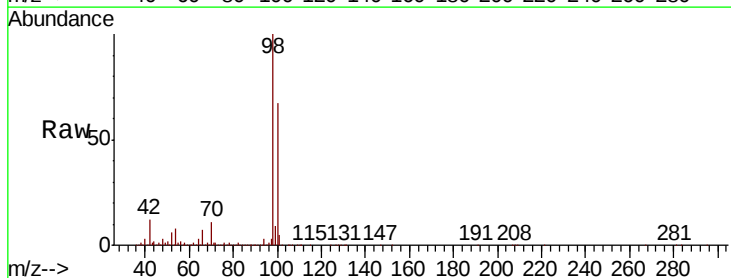
Acq: 27 Aug 2019 14:06

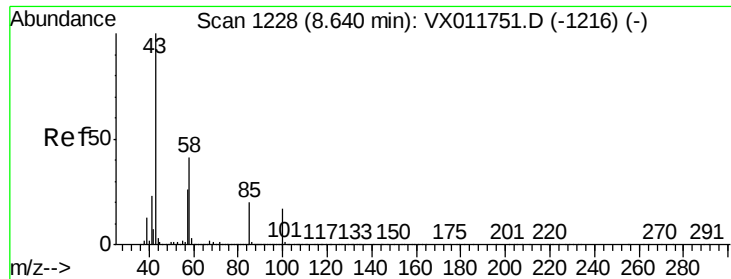
Tgt Ion: 98 Resp: 601631

Ion Ratio Lower Upper

98 100

100 66.4 52.1 78.1

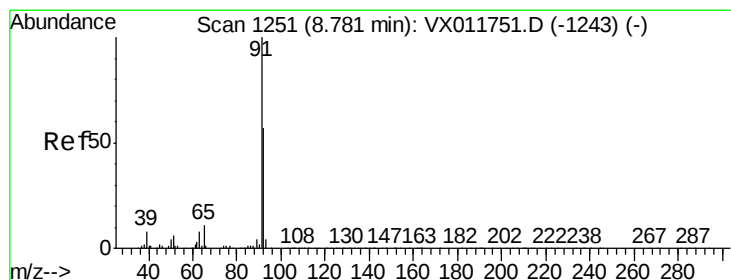
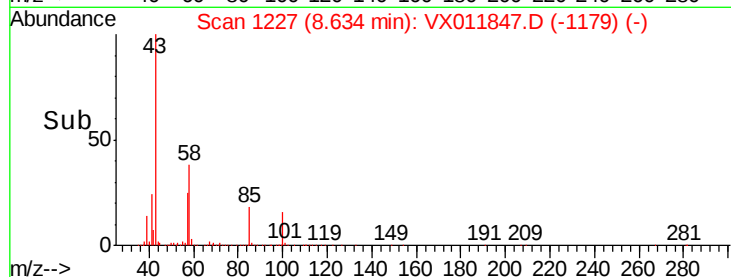
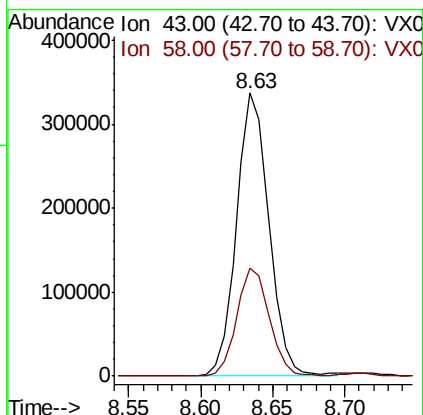
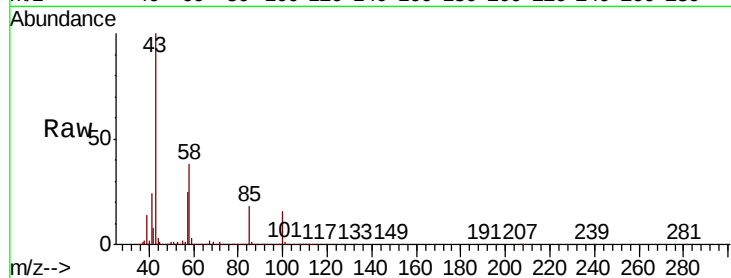




#51
4-Methyl-2-Pentanone
Concen: 116.596 ug/l
RT: 8.63 min Scan# 1227
Delta R.T. -0.01 min
Lab File: VX011847.D
Acq: 27 Aug 2019 14:06

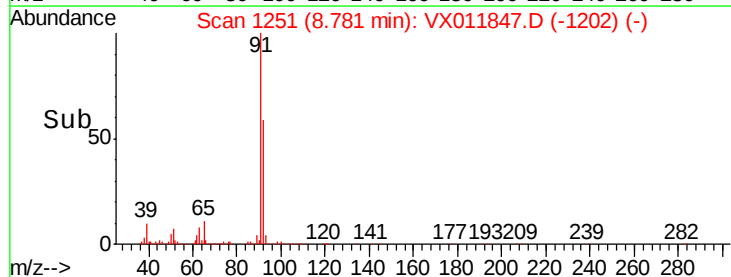
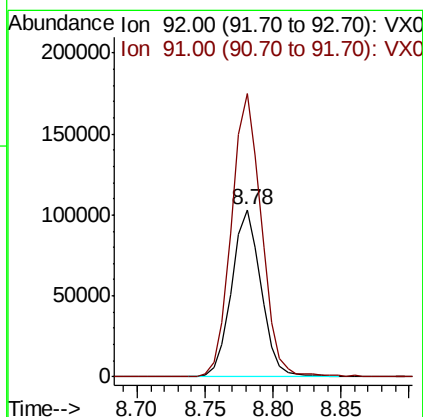
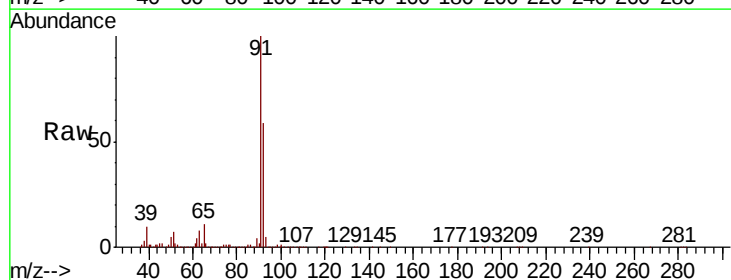
Instrument :
MSVOA_X
ClientSampleId :
VX0827WBSD01

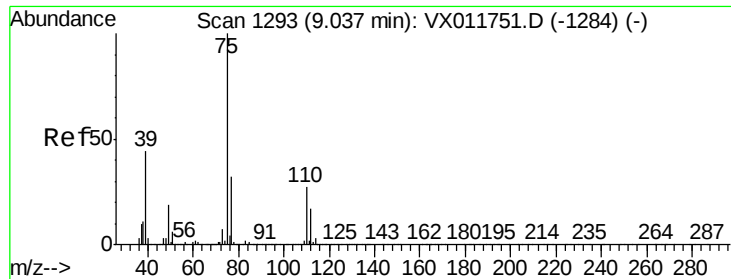
Tgt Ion: 43 Resp: 525963
Ion Ratio Lower Upper
43 100
58 38.6 31.8 47.6



#52
Toluene
Concen: 19.461 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. 0.00 min
Lab File: VX011847.D
Acq: 27 Aug 2019 14:06

Tgt Ion: 92 Resp: 155712
Ion Ratio Lower Upper
92 100
91 172.4 138.6 207.8





#53

t-1,3-Dichloropropene

Concen: 23.919 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VX011847.D

Acq: 27 Aug 2019 14:06

Instrument :

MSVOA_X

ClientSampleId :

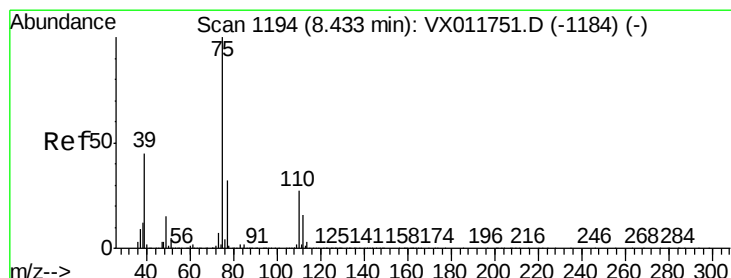
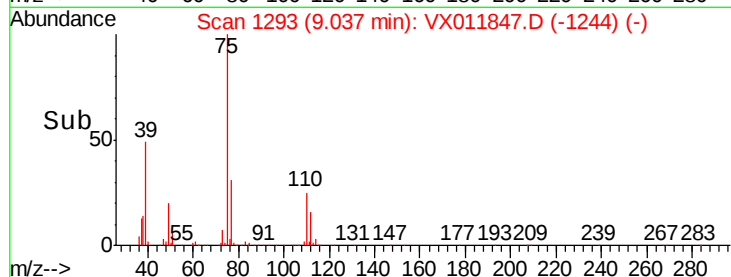
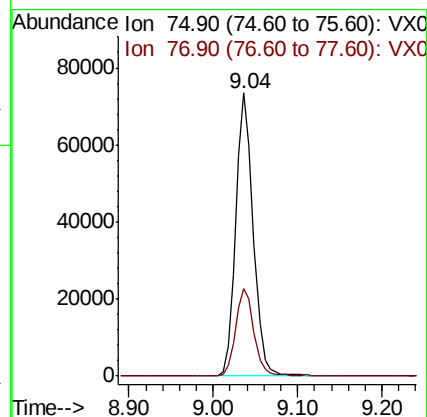
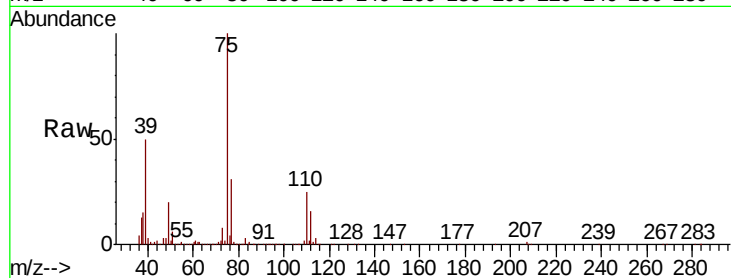
VX0827WBSD01

Tgt Ion: 75 Resp: 103569

Ion Ratio Lower Upper

75 100

77 30.7 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 23.317 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX011847.D

Acq: 27 Aug 2019 14:06

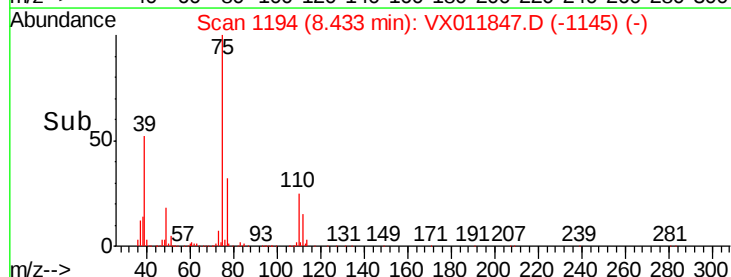
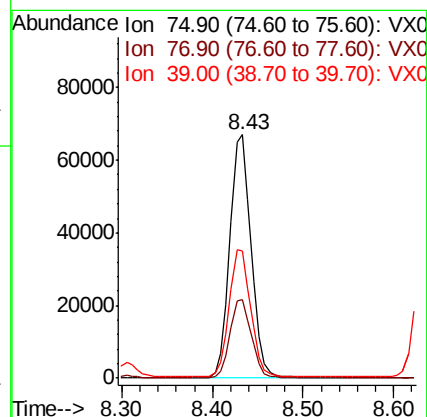
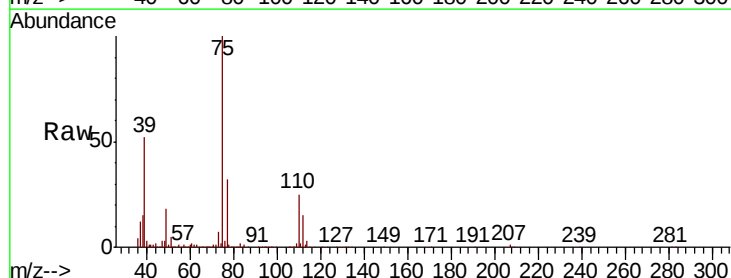
Tgt Ion: 75 Resp: 110140

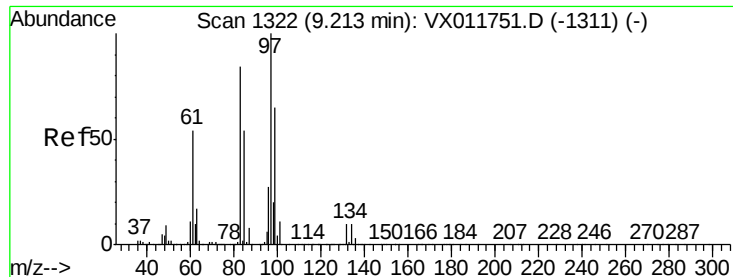
Ion Ratio Lower Upper

75 100

77 32.0 25.4 38.2

39 51.9 36.2 54.4

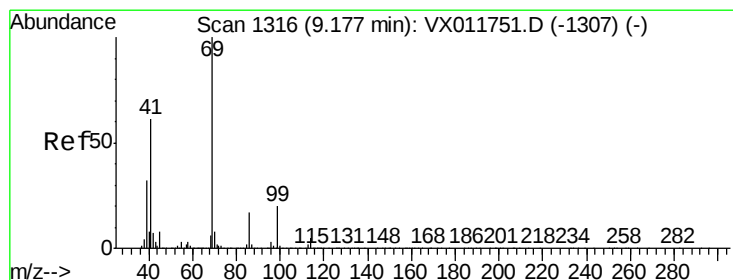
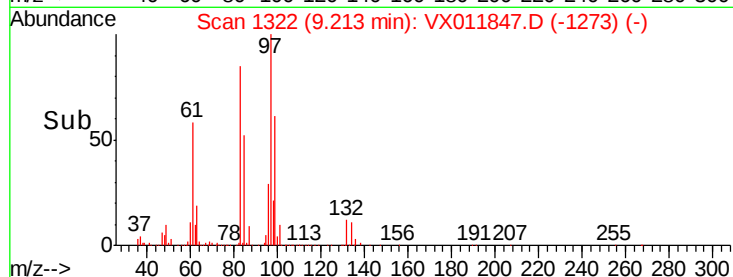
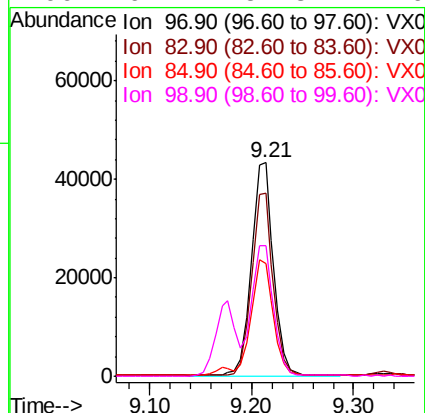
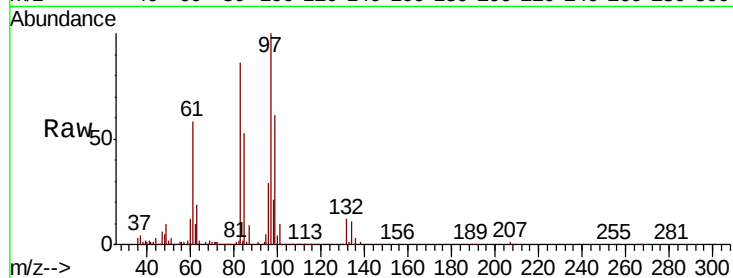




#55
 1,1,2-Trichloroethane
 Concen: 19.661 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX011847.D
 Acq: 27 Aug 2019 14:06

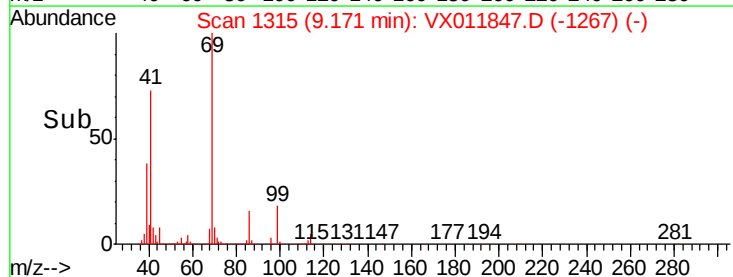
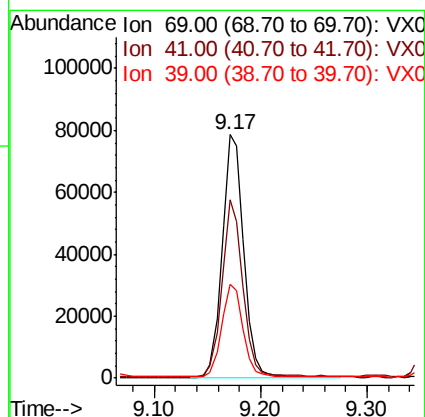
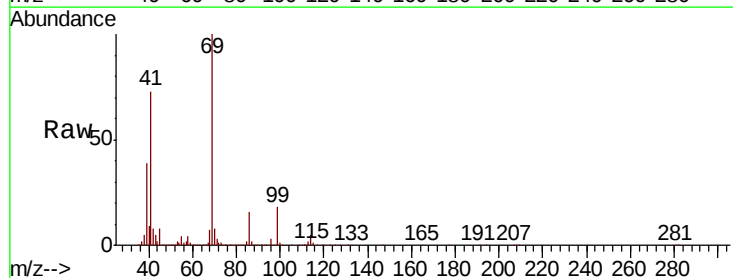
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0827WBSD01

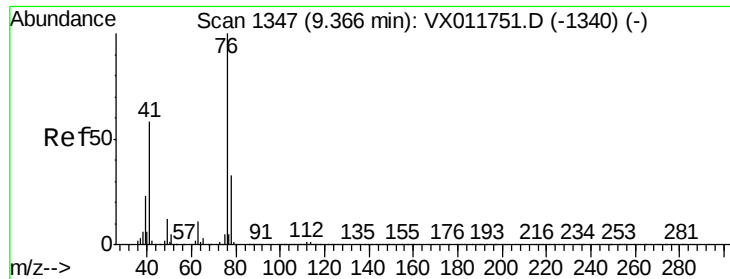
Tgt Ion:	97	Resp:	65540
Ion	Ratio	Lower	Upper
97	100		
83	85.5	67.3	100.9
85	52.3	43.4	65.2
99	61.4	51.8	77.6



#56
 Ethyl methacrylate
 Concen: 23.275 ug/l
 RT: 9.17 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: VX011847.D
 Acq: 27 Aug 2019 14:06

Tgt Ion:	69	Resp:	110345
Ion	Ratio	Lower	Upper
69	100		
41	69.9	50.7	76.1
39	37.7	26.4	39.6





#57

1,3-Dichloropropane

Concen: 20.280 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. 0.00 min

Lab File: VX011847.D

Acq: 27 Aug 2019 14:06

Instrument :

MSVOA_X

ClientSampleId :

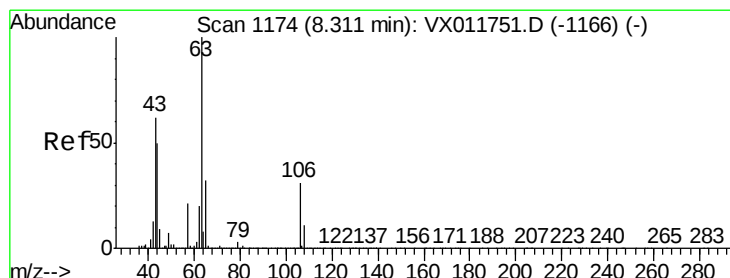
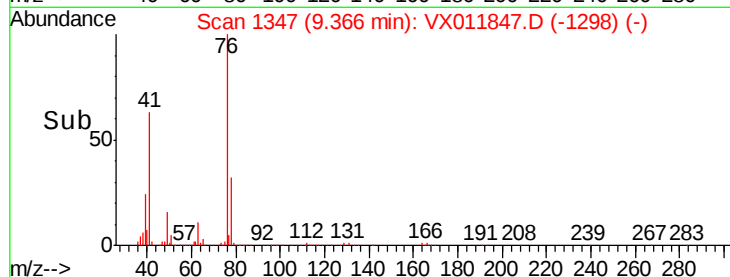
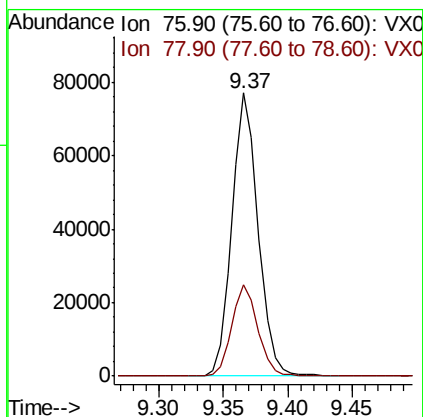
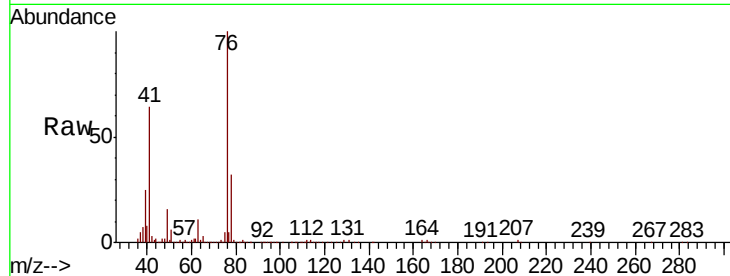
VX0827WBSD01

Tgt Ion: 76 Resp: 109160

Ion Ratio Lower Upper

76 100

78 32.3 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 119.991 ug/l

RT: 8.31 min Scan# 1173

Delta R.T. -0.01 min

Lab File: VX011847.D

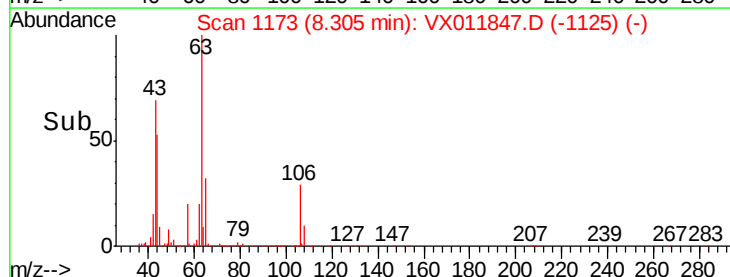
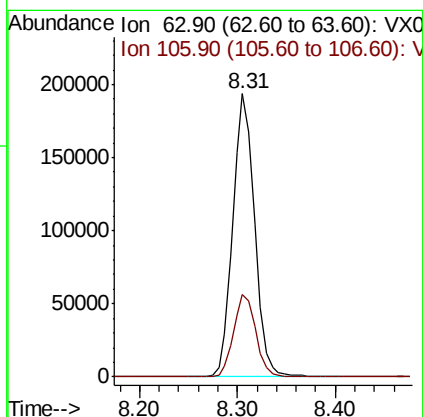
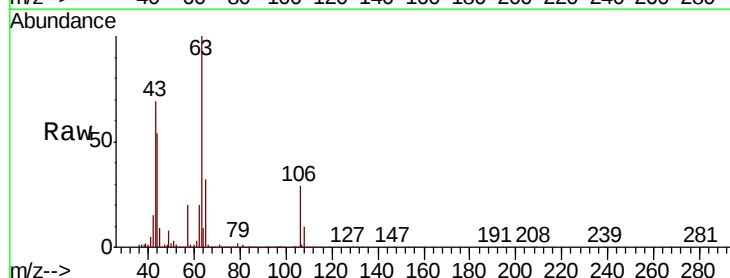
Acq: 27 Aug 2019 14:06

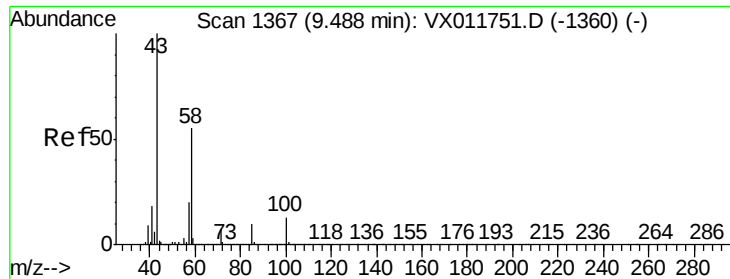
Tgt Ion: 63 Resp: 299242

Ion Ratio Lower Upper

63 100

106 30.1 24.9 37.3

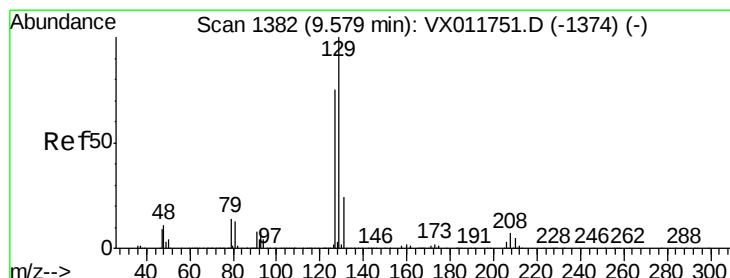
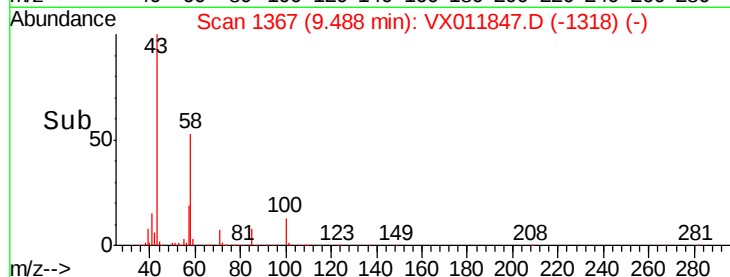
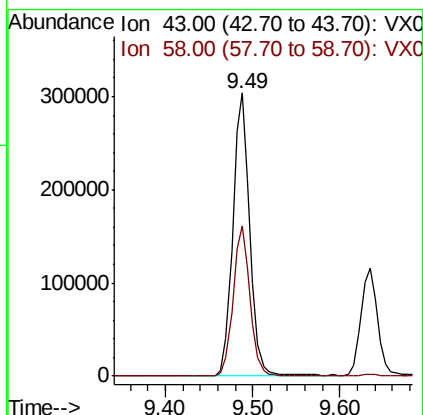
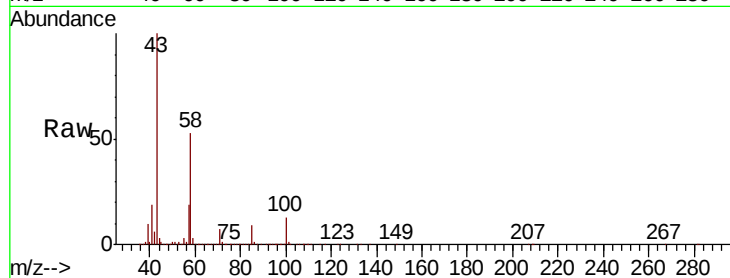




#59
2-Hexanone
Concen: 118.171 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX011847.D
Acq: 27 Aug 2019 14:06

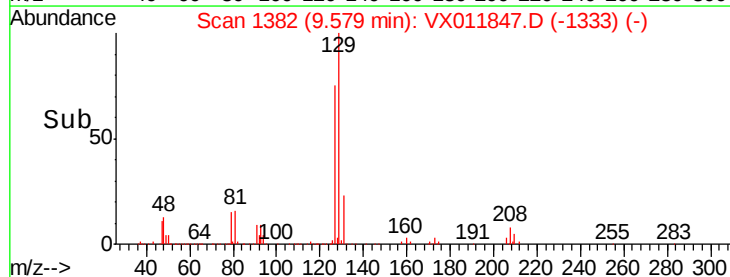
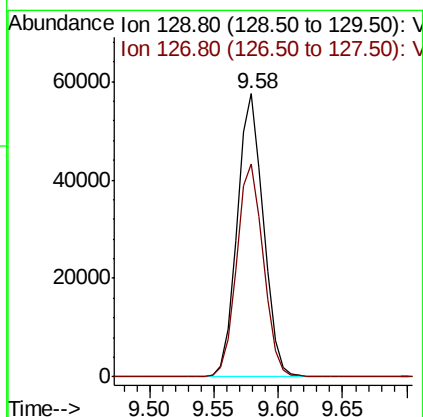
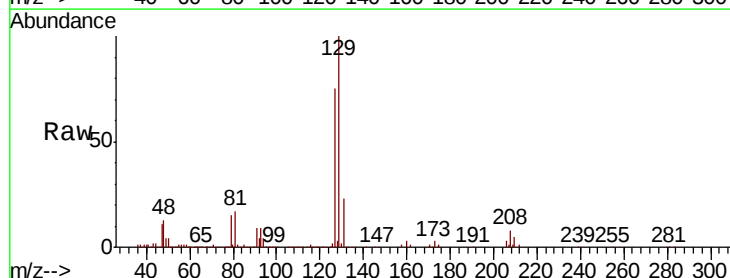
Instrument :
MSVOA_X
ClientSampleId :
VX0827WBSD01

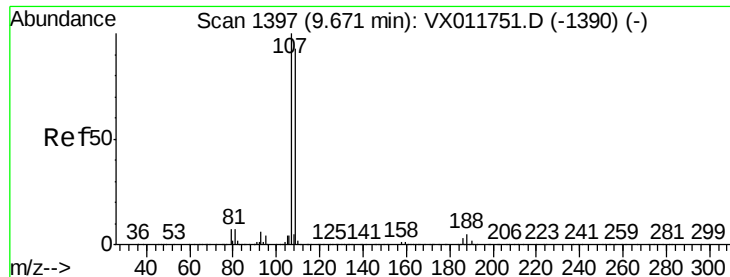
Tgt Ion: 43 Resp: 409146
Ion Ratio Lower Upper
43 100
58 53.4 27.7 83.1



#60
Dibromochloromethane
Concen: 22.526 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX011847.D
Acq: 27 Aug 2019 14:06

Tgt Ion: 129 Resp: 81190
Ion Ratio Lower Upper
129 100
127 76.7 38.3 114.8

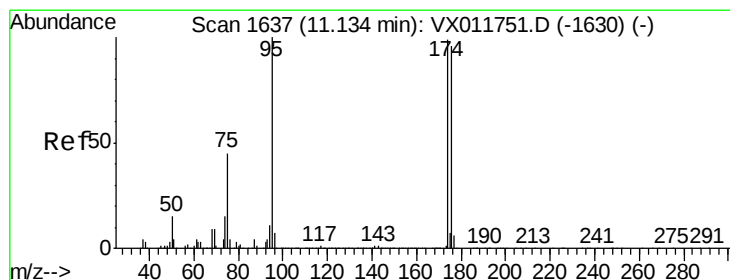
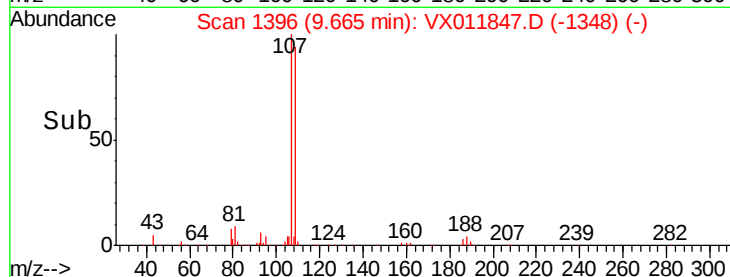
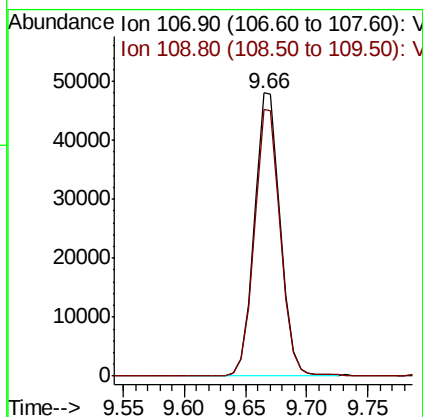
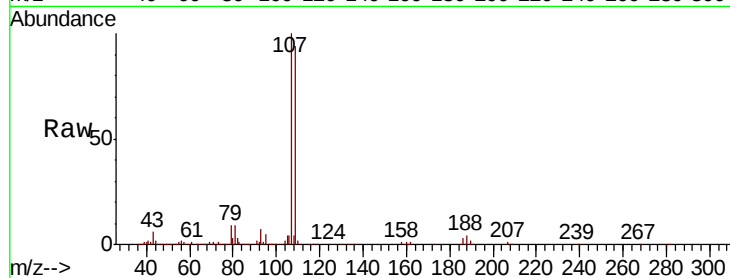




#61
 1,2-Dibromoethane
 Concen: 19.950 ug/l
 RT: 9.66 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: VX011847.D
 Acq: 27 Aug 2019 14:06

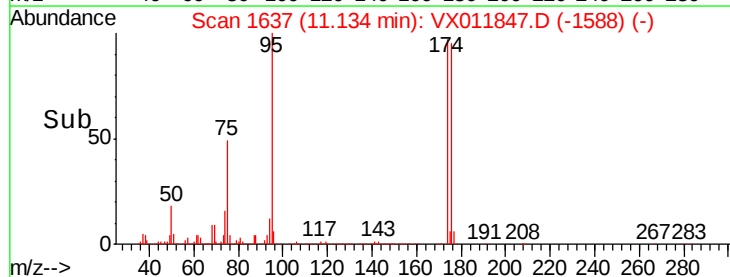
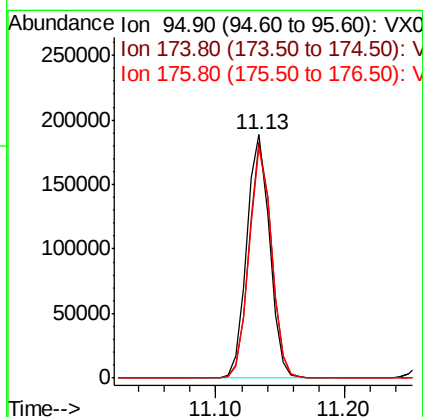
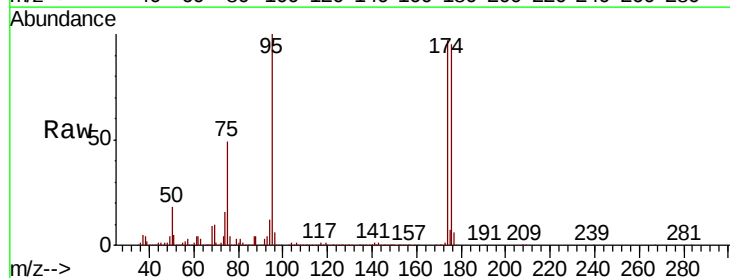
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0827WBSD01

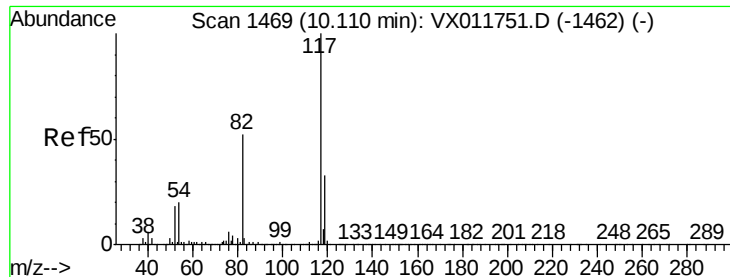
Tgt Ion: 107 Resp: 71357
 Ion Ratio Lower Upper
 107 100
 109 93.5 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 50.286 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX011847.D
 Acq: 27 Aug 2019 14:06

Tgt Ion: 95 Resp: 228502
 Ion Ratio Lower Upper
 95 100
 174 94.4 0.0 197.4
 176 93.0 0.0 194.4

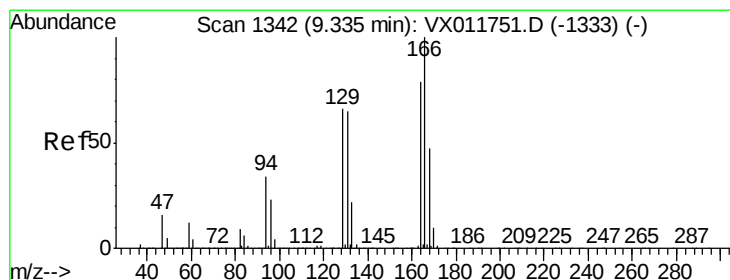
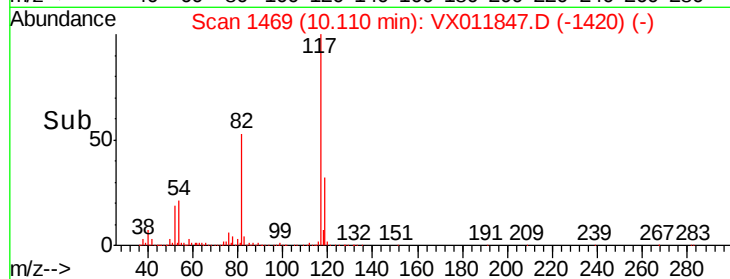
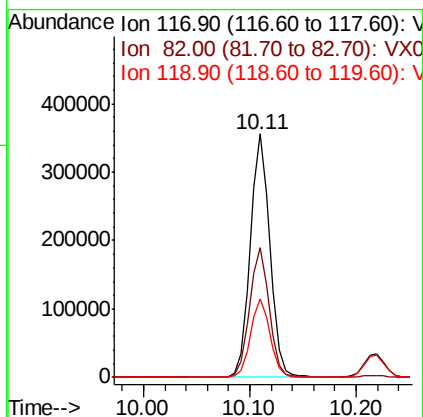
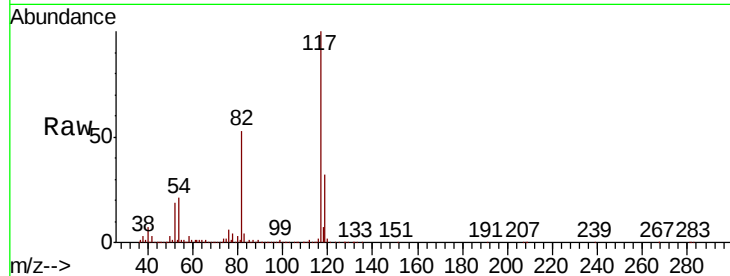




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011847.D
Acq: 27 Aug 2019 14:06

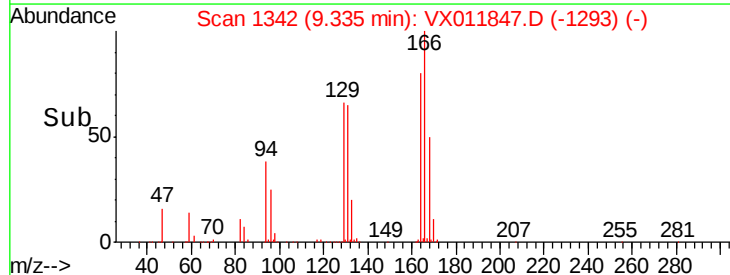
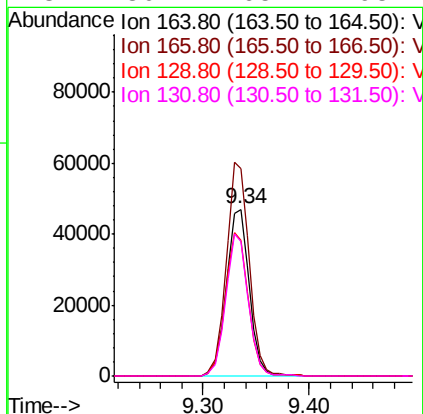
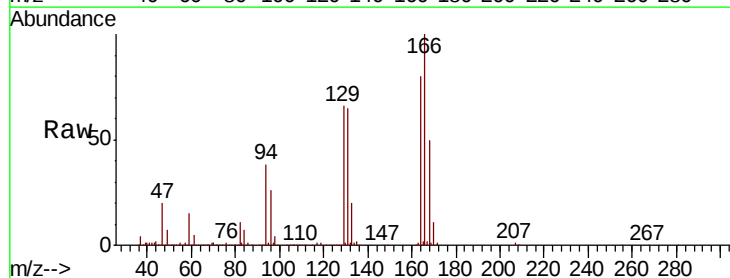
Instrument :
MSVOA_X
ClientSampleId :
VX0827WBSD01

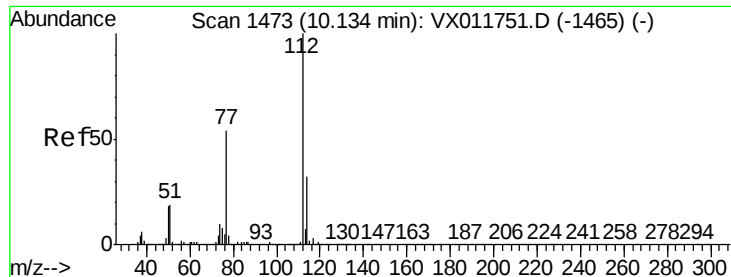
Tgt Ion:117 Resp: 460676
Ion Ratio Lower Upper
117 100
82 53.4 41.7 62.5
119 32.3 26.2 39.2



#64
Tetrachloroethene
Concen: 19.306 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX011847.D
Acq: 27 Aug 2019 14:06

Tgt Ion:164 Resp: 70953
Ion Ratio Lower Upper
164 100
166 124.3 100.7 151.1
129 81.9 66.8 100.2
131 80.2 65.4 98.2

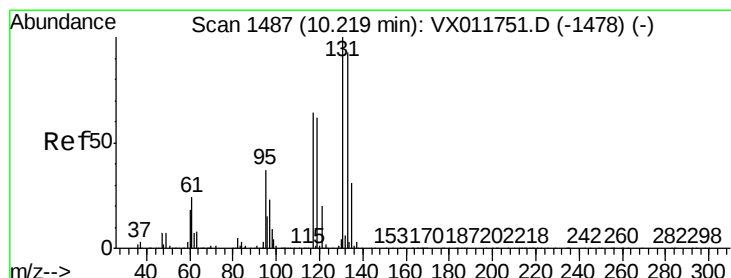
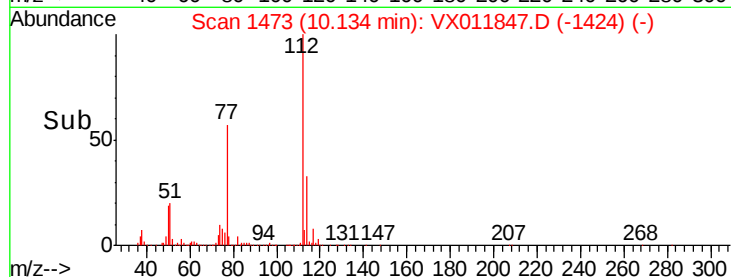
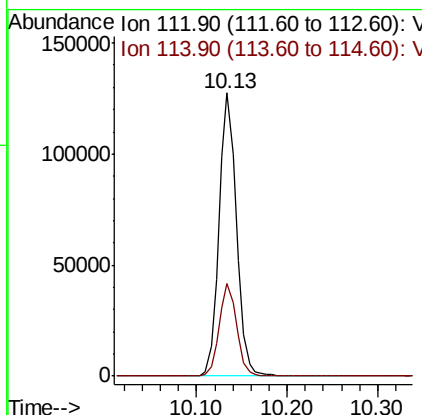
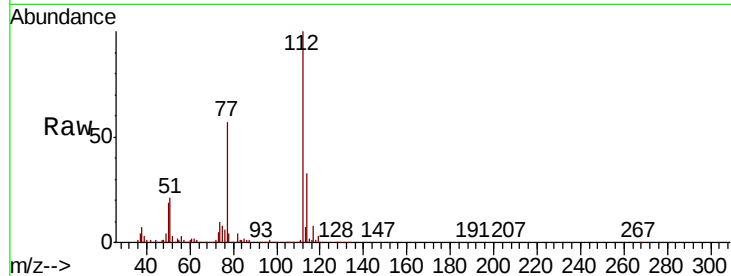




#65
Chlorobenzene
Concen: 19.076 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX011847.D
Acq: 27 Aug 2019 14:06

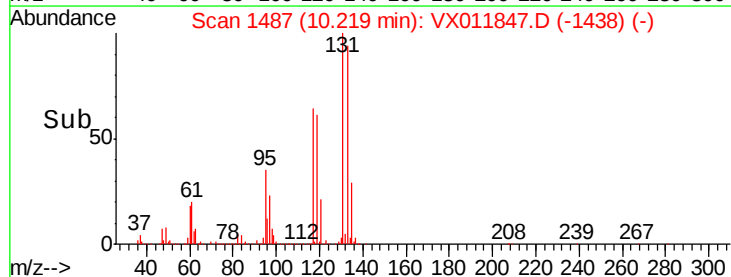
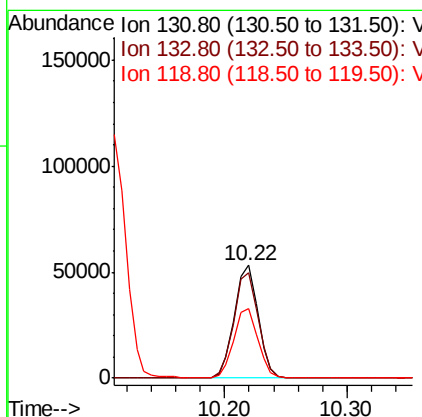
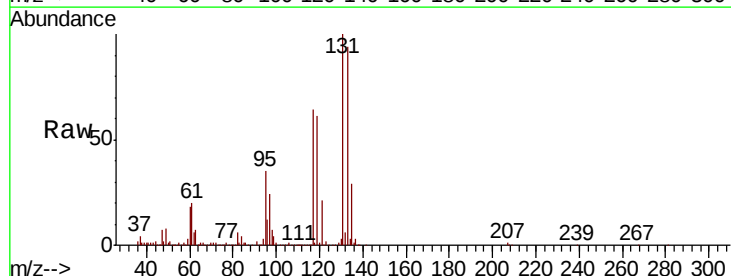
Instrument :
MSVOA_X
ClientSampleId :
VX0827WBSD01

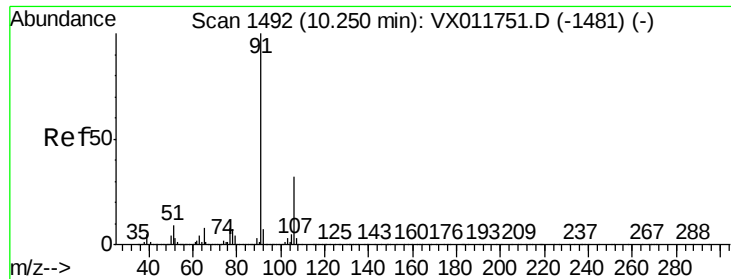
Tgt Ion:112 Resp: 171570
Ion Ratio Lower Upper
112 100
114 32.8 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 21.245 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX011847.D
Acq: 27 Aug 2019 14:06

Tgt Ion:131 Resp: 71589
Ion Ratio Lower Upper
131 100
133 96.4 47.8 143.4
119 62.3 31.3 93.8





#67

Ethyl Benzene

Concen: 20.050 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX011847.D

Acq: 27 Aug 2019 14:06

Instrument :

MSVOA_X

ClientSampleId :

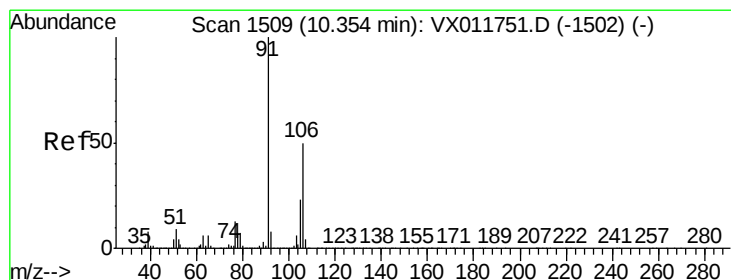
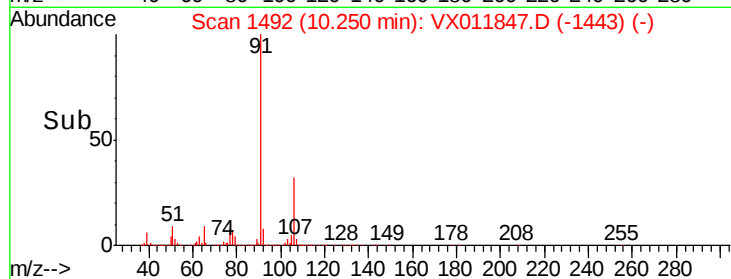
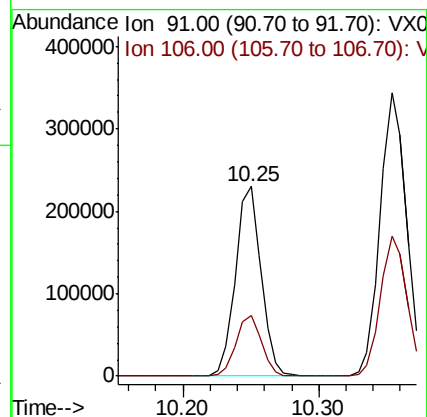
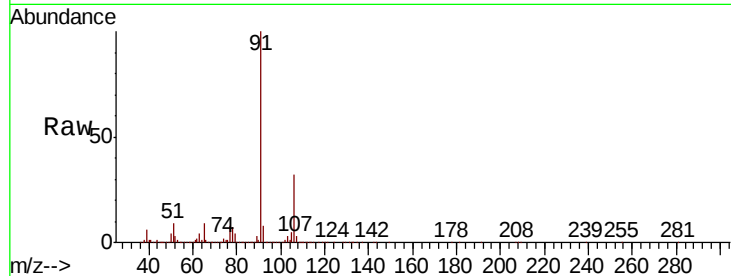
VX0827WBSD01

Tgt Ion: 91 Resp: 301347

Ion Ratio Lower Upper

91 100

106 32.0 25.5 38.3



#68

m/p-Xylenes

Concen: 39.740 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. 0.00 min

Lab File: VX011847.D

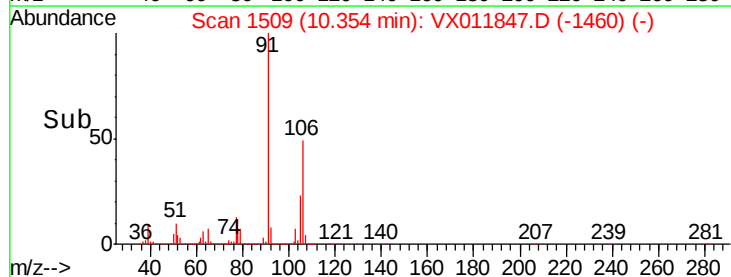
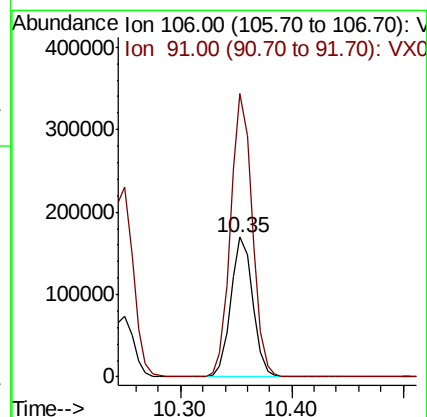
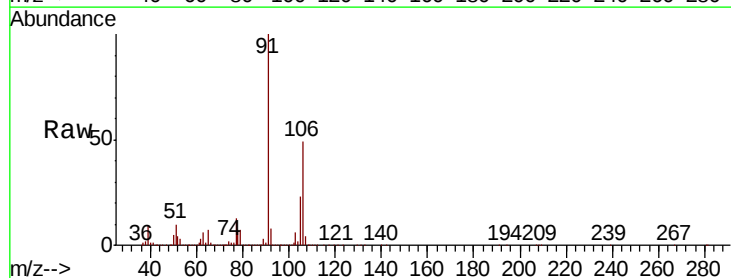
Acq: 27 Aug 2019 14:06

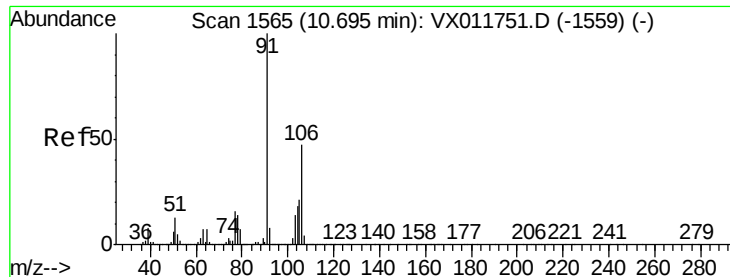
Tgt Ion: 106 Resp: 230308

Ion Ratio Lower Upper

106 100

91 201.1 158.3 237.5





#69

o-Xylene

Concen: 19.687 ug/l

RT: 10.69 min Scan# 1565

Delta R.T. 0.00 min

Lab File: VX011847.D

Acq: 27 Aug 2019 14:06

Instrument :

MSVOA_X

ClientSampleId :

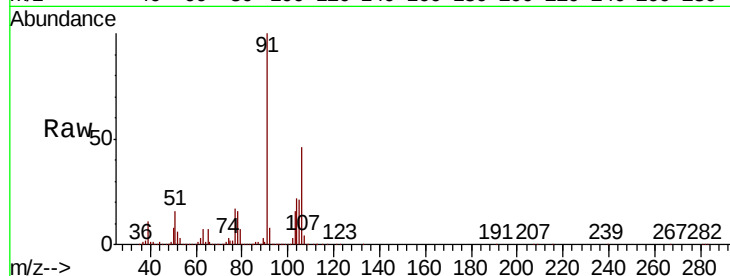
VX0827WBSD01

Tgt Ion:106 Resp: 112017

Ion Ratio Lower Upper

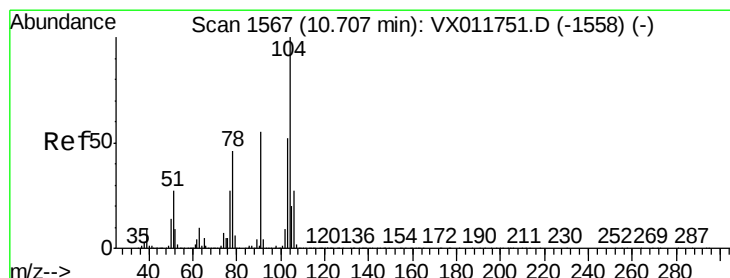
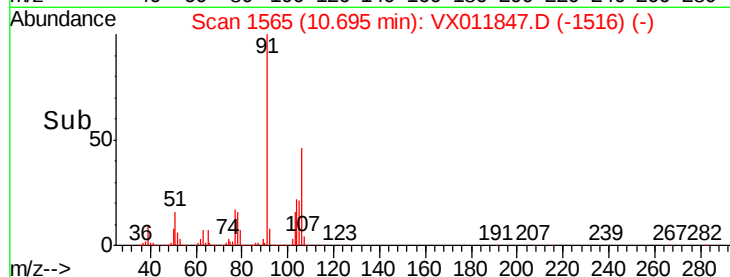
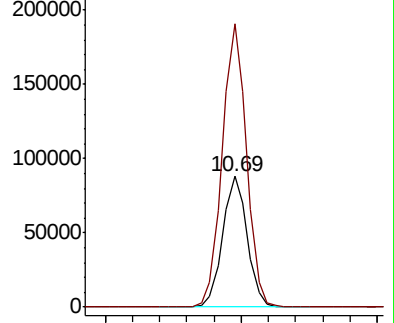
106 100

91 213.1 105.0 314.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#70

Styrene

Concen: 20.252 ug/l

RT: 10.71 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX011847.D

Acq: 27 Aug 2019 14:06

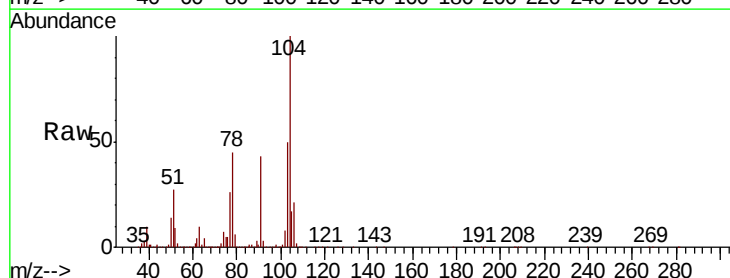
Tgt Ion:104 Resp: 192765

Ion Ratio Lower Upper

104 100

78 50.5 39.2 58.8

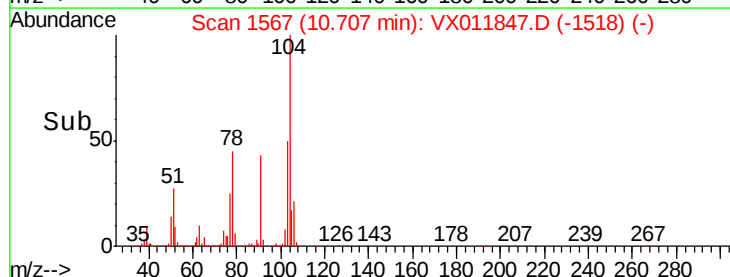
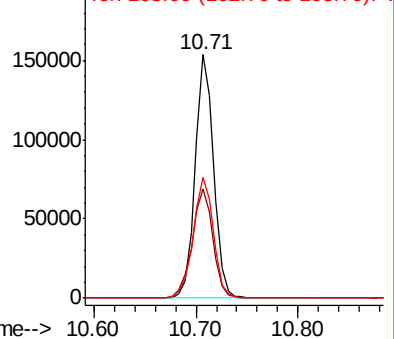
103 54.7 44.5 66.7

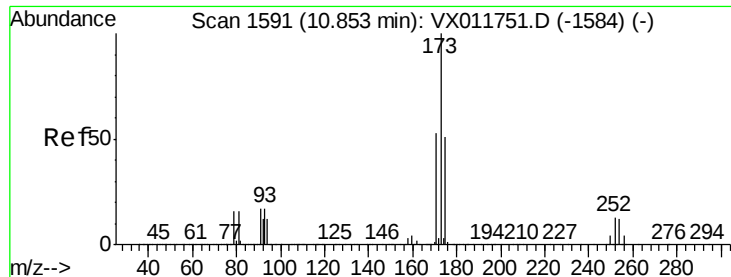


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 23.731 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011847.D

Acq: 27 Aug 2019 14:06

Instrument :

MSVOA_X

ClientSampled :

VX0827WBSD01

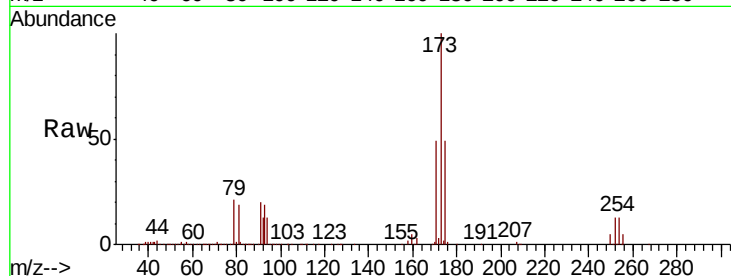
Tgt Ion:173 Resp: 68987

Ion Ratio Lower Upper

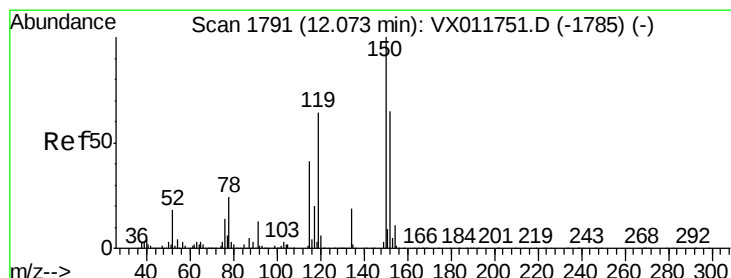
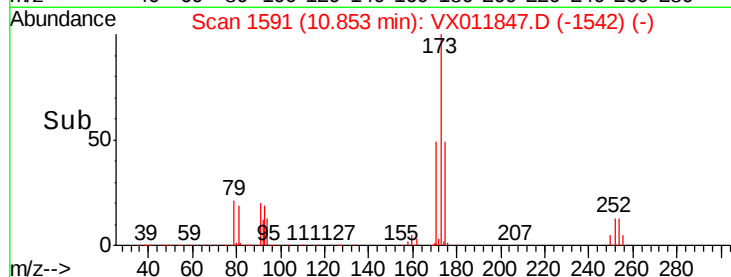
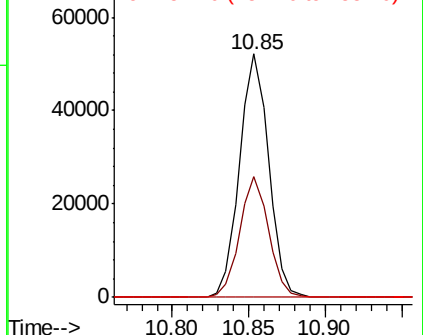
173 100

175 49.3 25.1 75.3

254 0.2 0.2 0.4#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX011847.D

Acq: 27 Aug 2019 14:06

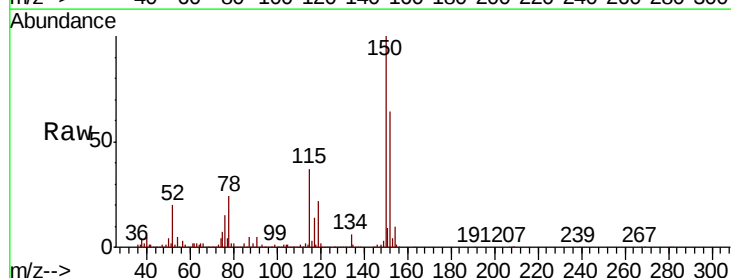
Tgt Ion:152 Resp: 241602

Ion Ratio Lower Upper

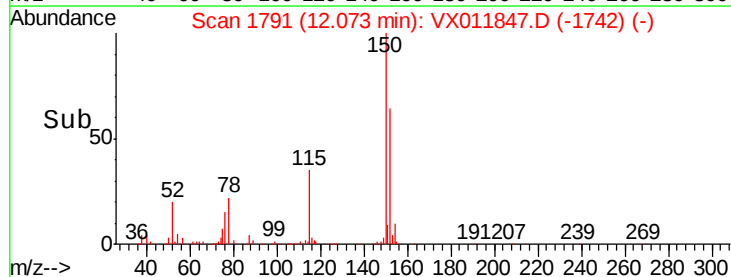
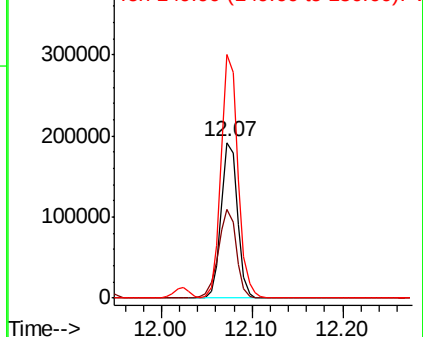
152 100

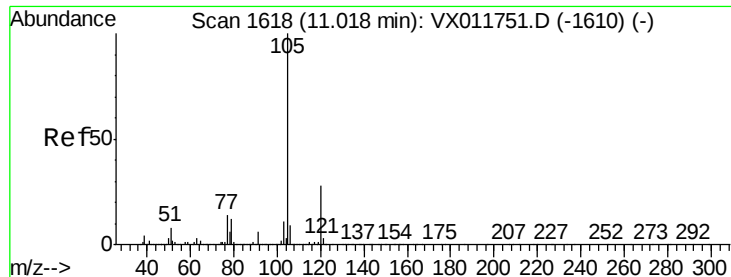
115 62.8 37.3 111.8

150 161.6 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: 20.727 ug/l

RT: 11.01 min Scan# 1617

Delta R.T. -0.01 min

Lab File: VX011847.D

Acq: 27 Aug 2019 14:06

Instrument :

MSVOA_X

ClientSampleId :

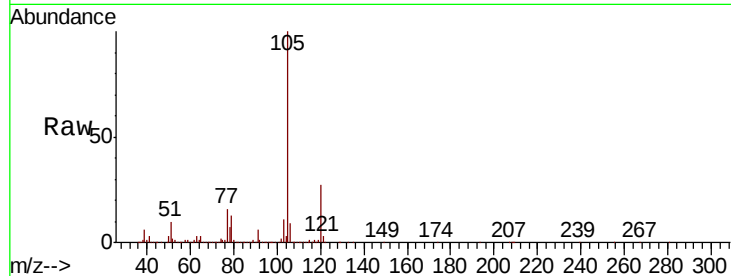
VX0827WBSD01

Tgt Ion: 105 Resp: 301779

Ion Ratio Lower Upper

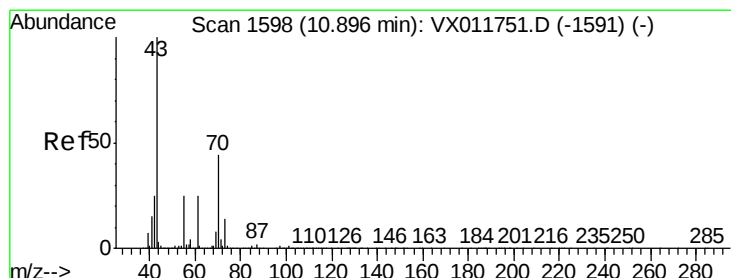
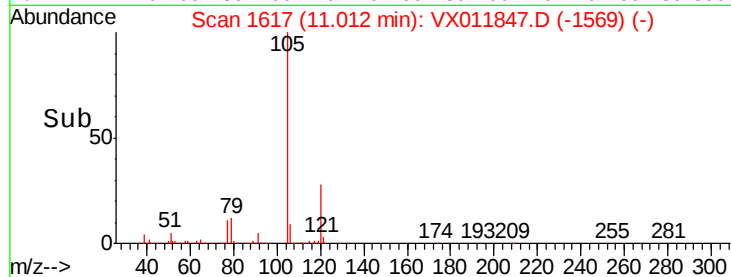
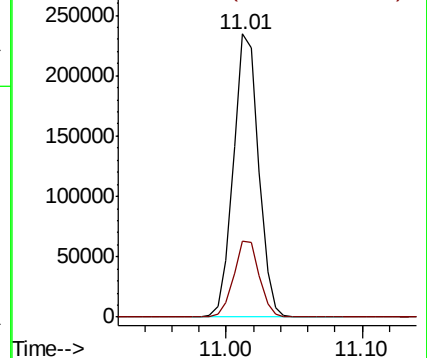
105 100

120 27.3 13.9 41.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 26.466 ug/l

RT: 10.89 min Scan# 1597

Delta R.T. -0.01 min

Lab File: VX011847.D

Acq: 27 Aug 2019 14:06

Tgt Ion: 43 Resp: 149187

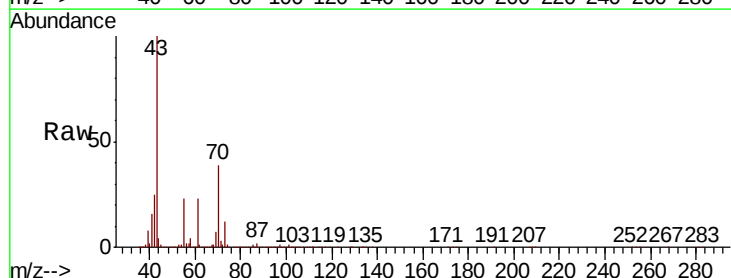
Ion Ratio Lower Upper

43 100

70 40.6 34.8 52.2

55 22.7 19.5 29.3

61 23.7 19.8 29.6

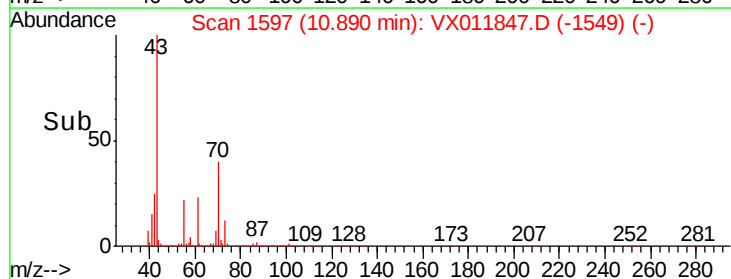
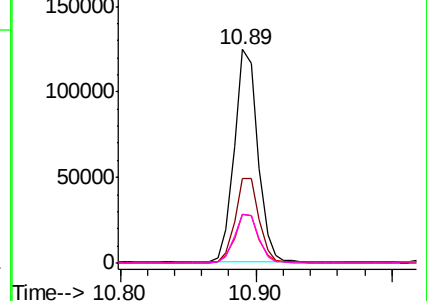


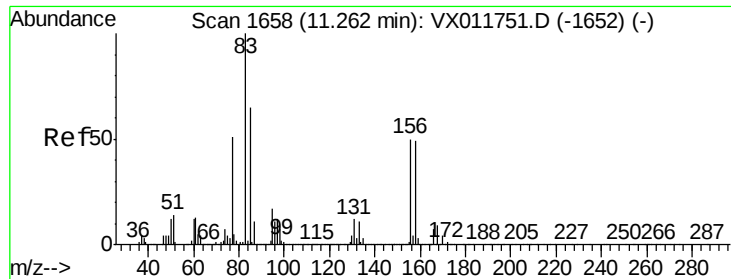
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.982 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. 0.00 min

Lab File: VX011847.D

Acq: 27 Aug 2019 14:06

Instrument :

MSVOA_X

ClientSampleId :

VX0827WBSD01

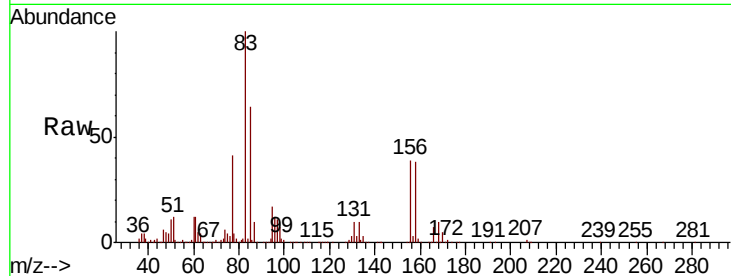
Tgt Ion: 83 Resp: 101117

Ion Ratio Lower Upper

83 100

131 11.1 6.1 18.3

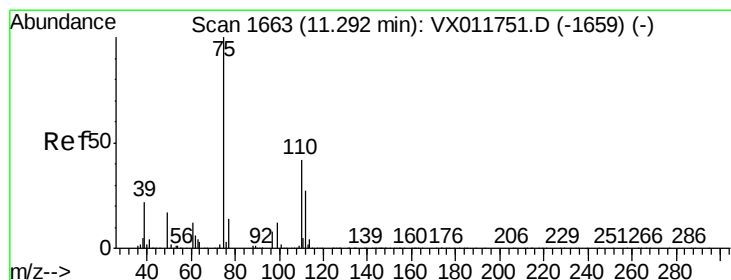
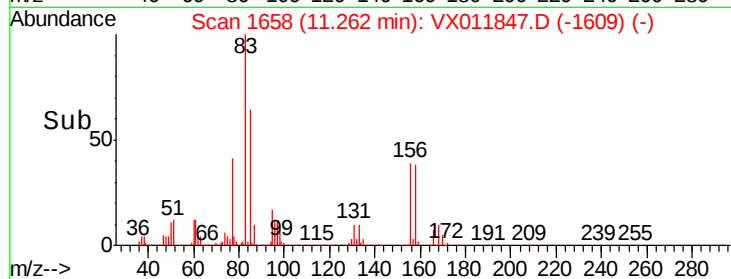
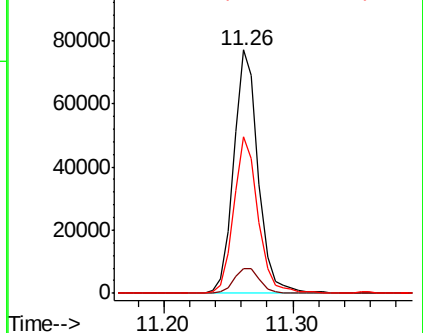
85 64.0 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 28.709 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX011847.D

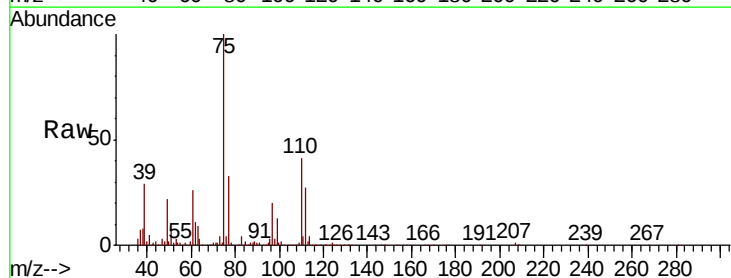
Acq: 27 Aug 2019 14:06

Tgt Ion: 75 Resp: 121707

Ion Ratio Lower Upper

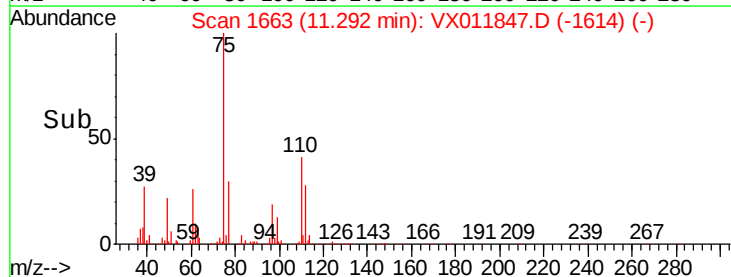
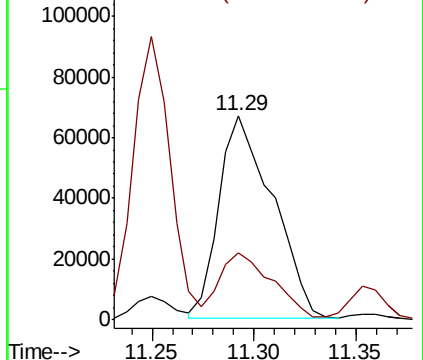
75 100

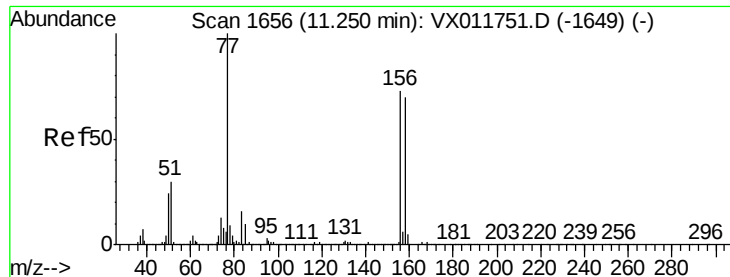
77 32.5 21.1 63.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.850 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. 0.00 min

Lab File: VX011847.D

Acq: 27 Aug 2019 14:06

Instrument :

MSVOA_X

ClientSampleId :

VX0827WBSD01

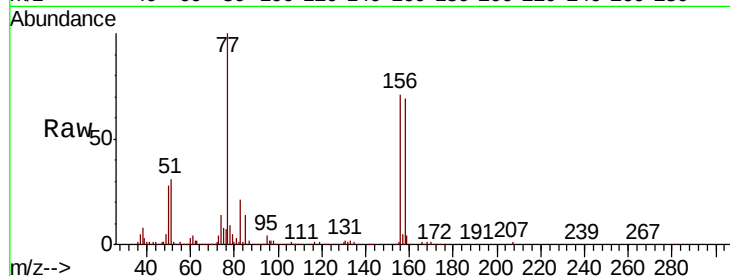
Tgt Ion:156 Resp: 85204

Ion Ratio Lower Upper

156 100

77 139.1 65.3 196.0

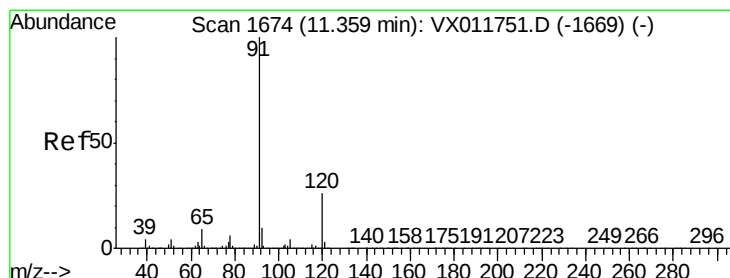
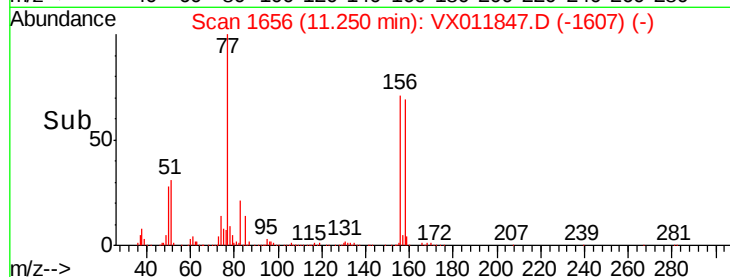
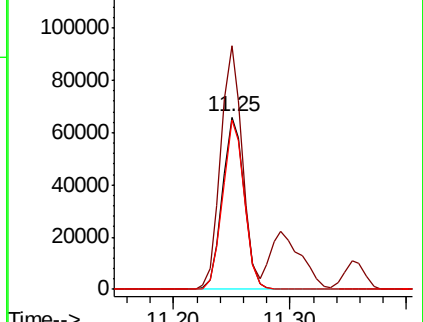
158 96.9 48.4 145.0



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: 21.317 ug/l

RT: 11.35 min Scan# 1673

Delta R.T. -0.01 min

Lab File: VX011847.D

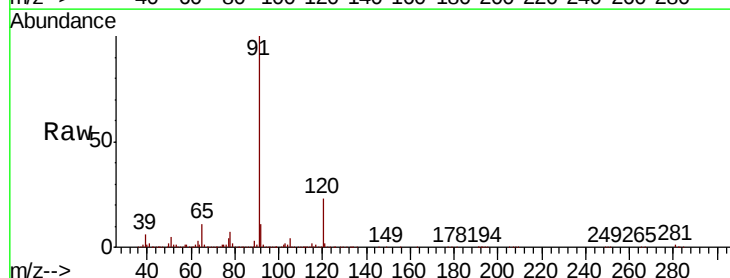
Acq: 27 Aug 2019 14:06

Tgt Ion: 91 Resp: 331870

Ion Ratio Lower Upper

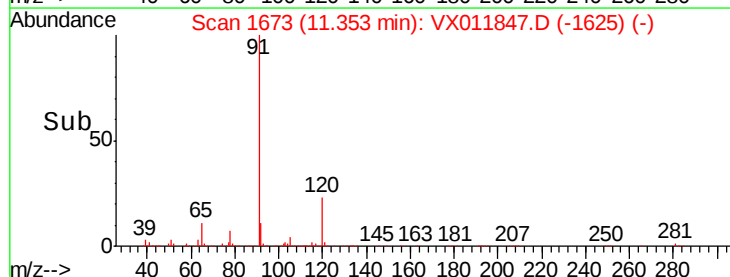
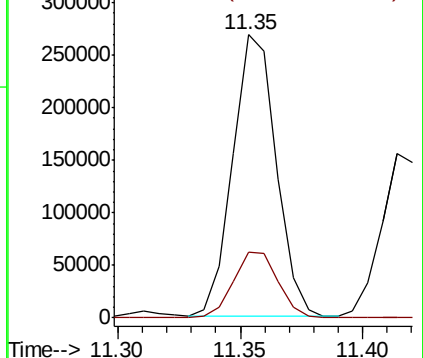
91 100

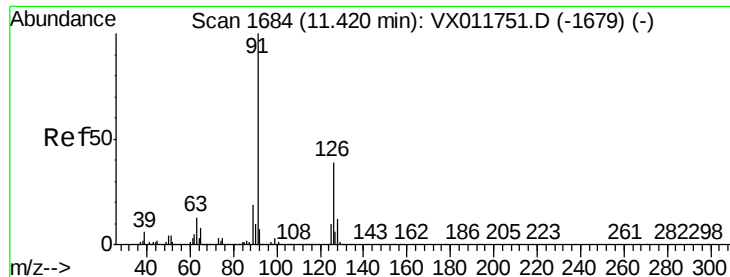
120 24.3 12.7 38.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

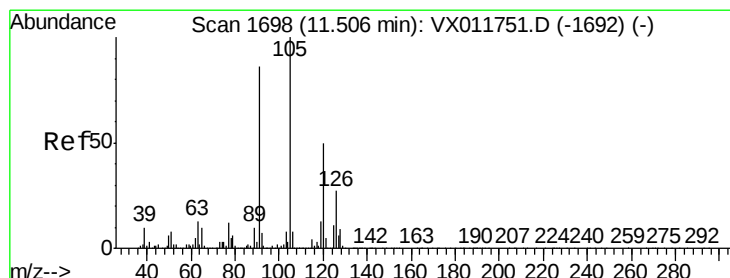
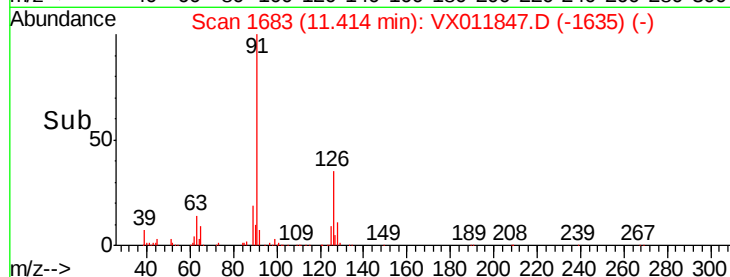
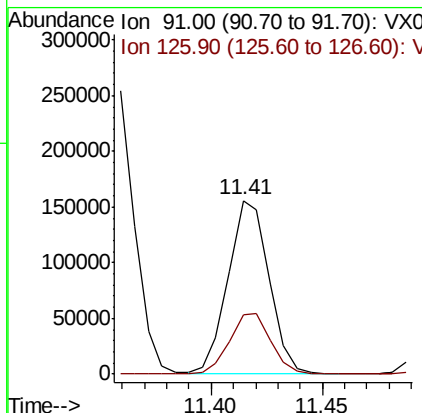
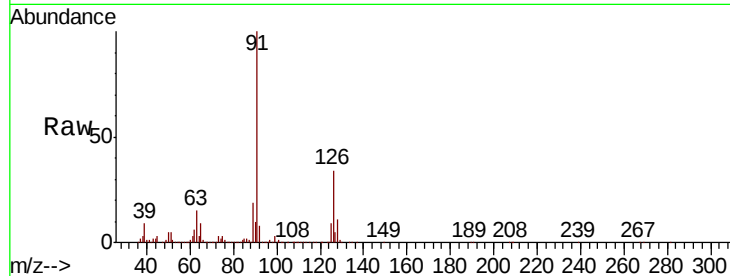




#79
 2-Chlorotoluene
 Concen: 20.577 ug/l
 RT: 11.41 min Scan# 1683
 Delta R.T. -0.01 min
 Lab File: VX011847.D
 Acq: 27 Aug 2019 14:06

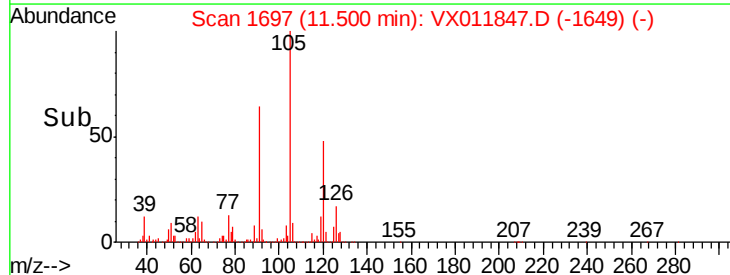
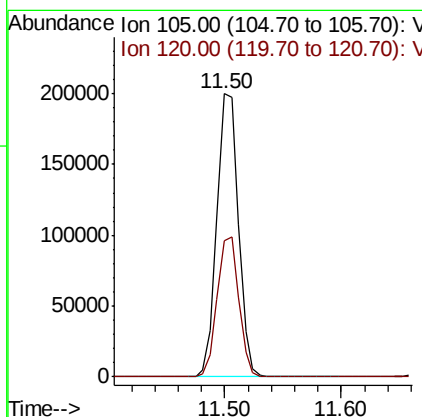
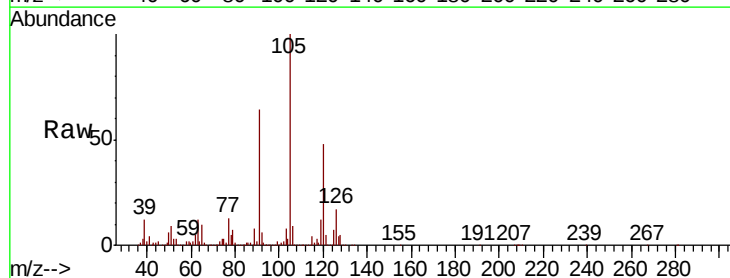
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0827WBSD01

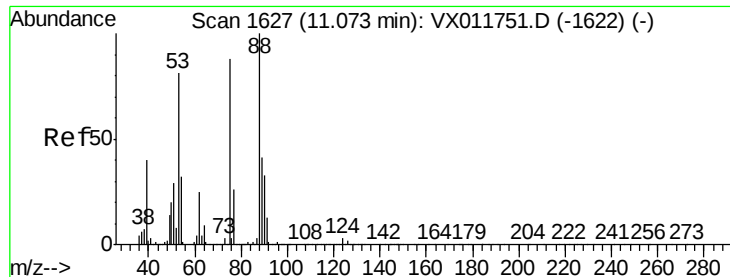
Tgt Ion: 91 Resp: 199301
 Ion Ratio Lower Upper
 91 100
 126 35.5 18.6 55.6



#80
 1,3,5-Trimethylbenzene
 Concen: 20.939 ug/l
 RT: 11.50 min Scan# 1697
 Delta R.T. -0.01 min
 Lab File: VX011847.D
 Acq: 27 Aug 2019 14:06

Tgt Ion: 105 Resp: 254369
 Ion Ratio Lower Upper
 105 100
 120 50.0 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 26.610 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX011847.D

Acq: 27 Aug 2019 14:06

Instrument :

MSVOA_X

ClientSampleId :

VX0827WBSD01

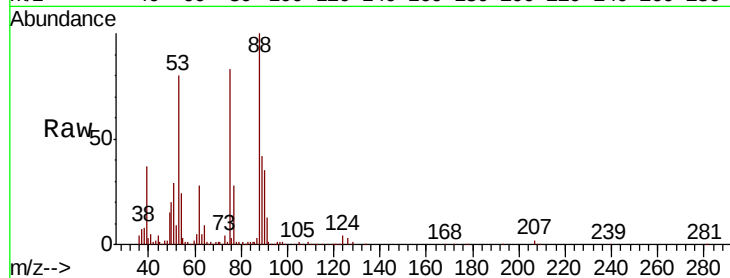
Tgt Ion: 75 Resp: 37406

Ion Ratio Lower Upper

75 100

53 95.4 77.1 115.7

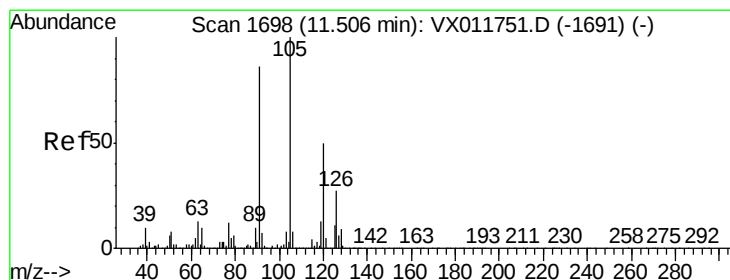
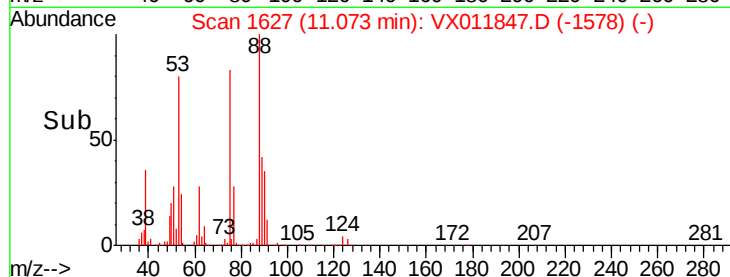
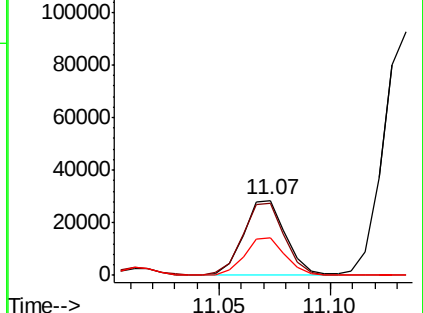
89 48.5 38.5 57.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 20.604 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011847.D

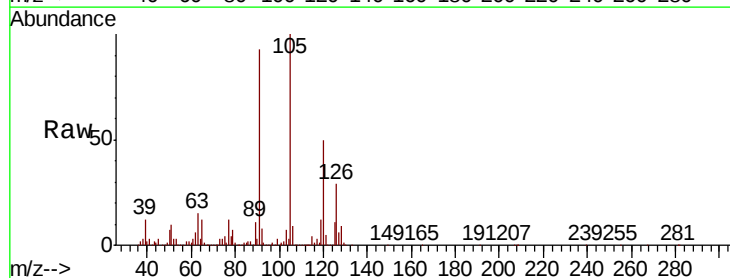
Acq: 27 Aug 2019 14:06

Tgt Ion: 91 Resp: 230034

Ion Ratio Lower Upper

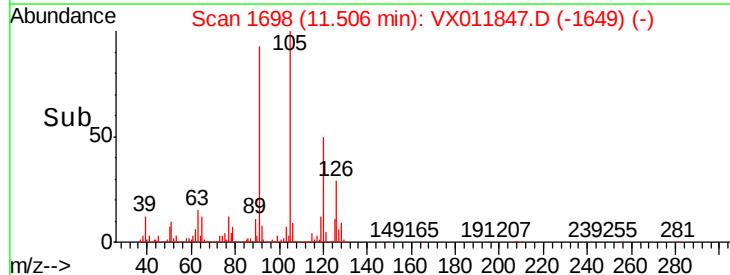
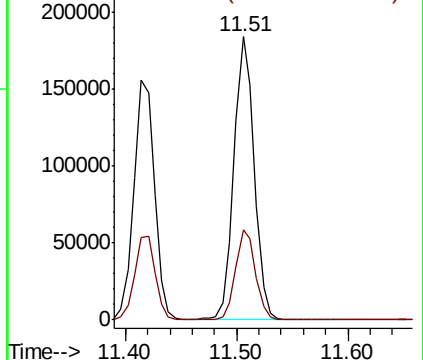
91 100

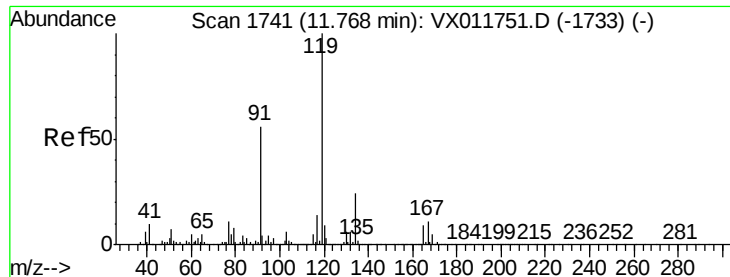
126 31.3 16.2 48.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 21.787 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX011847.D

Acq: 27 Aug 2019 14:06

Instrument :

MSVOA_X

ClientSampleId :

VX0827WBSD01

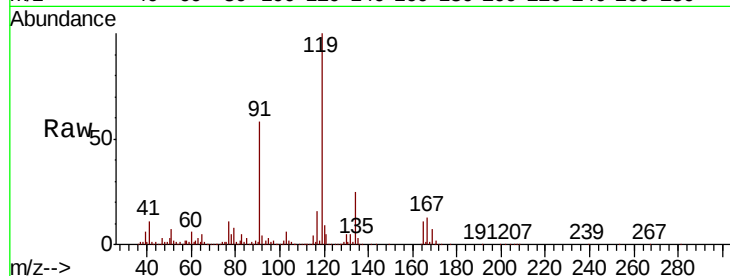
Tgt Ion:119 Resp: 261124

Ion Ratio Lower Upper

119 100

91 55.6 27.7 83.1

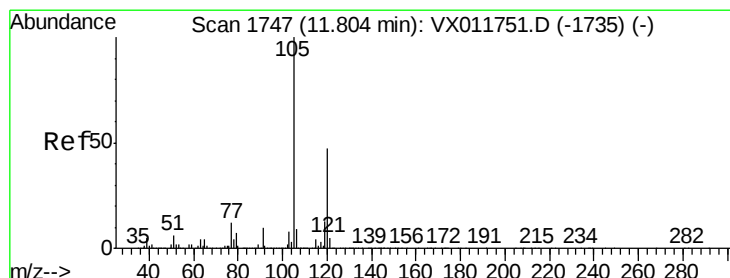
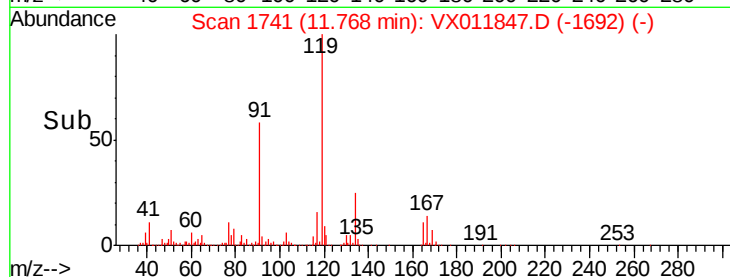
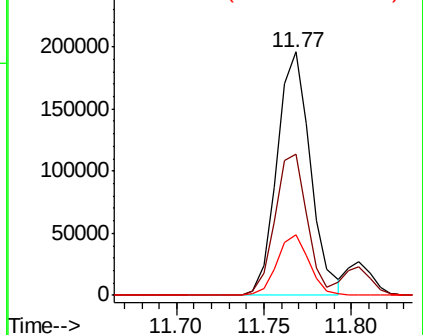
134 24.0 11.8 35.3



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.757 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX011847.D

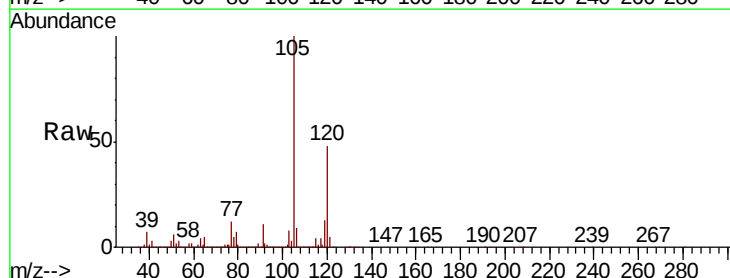
Acq: 27 Aug 2019 14:06

Tgt Ion:105 Resp: 254643

Ion Ratio Lower Upper

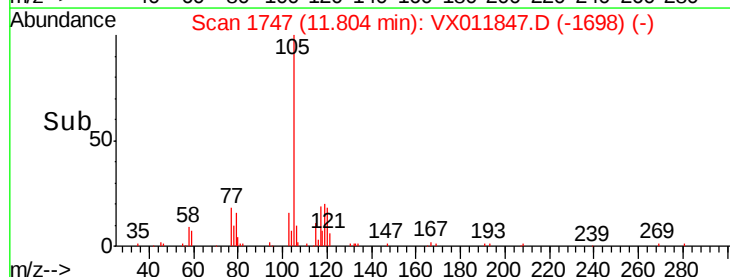
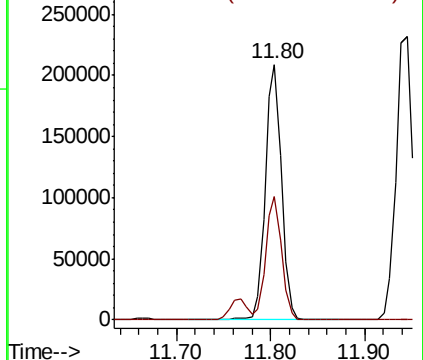
105 100

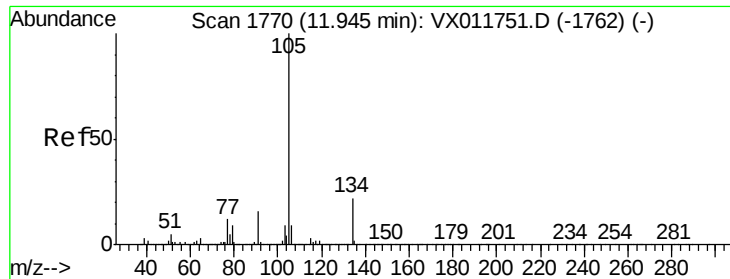
120 47.0 23.7 71.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 21.212 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX011847.D

Acq: 27 Aug 2019 14:06

Instrument :

MSVOA_X

ClientSampleId :

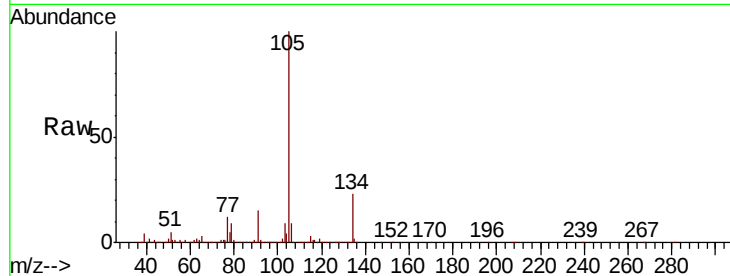
VX0827WBSD01

Tgt Ion:105 Resp: 290821

Ion Ratio Lower Upper

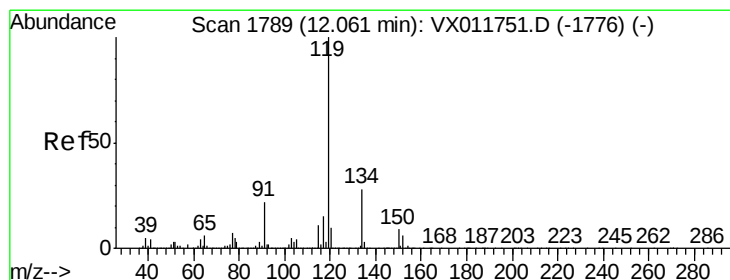
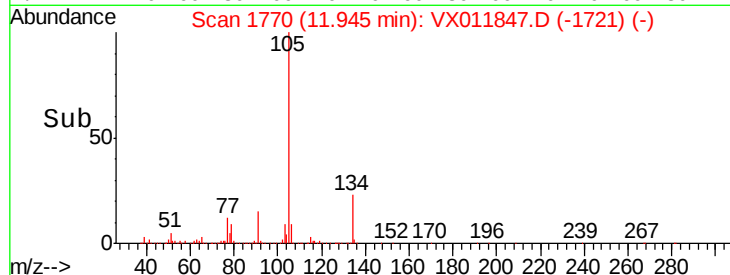
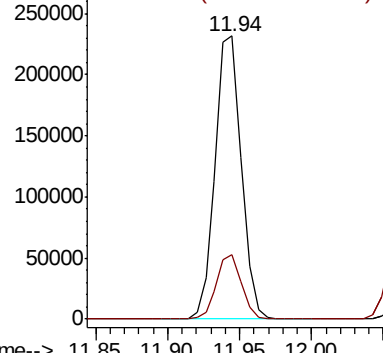
105 100

134 22.0 10.8 32.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.939 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX011847.D

Acq: 27 Aug 2019 14:06

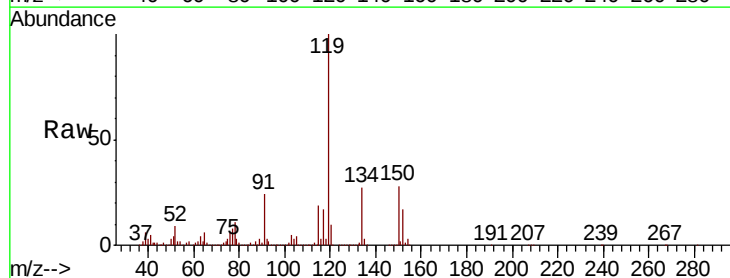
Tgt Ion:119 Resp: 276207

Ion Ratio Lower Upper

119 100

134 27.0 13.7 41.0

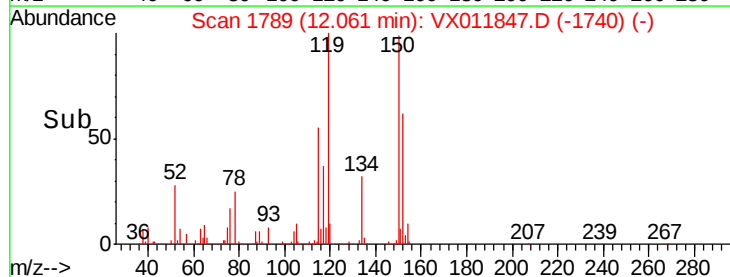
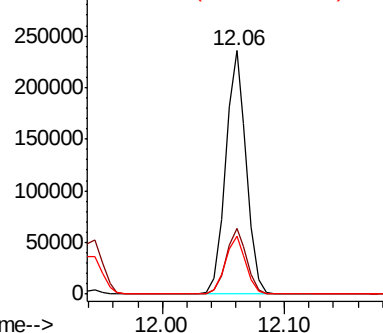
91 23.6 11.1 33.3

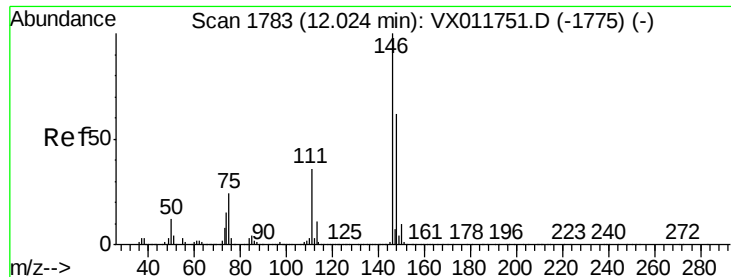


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

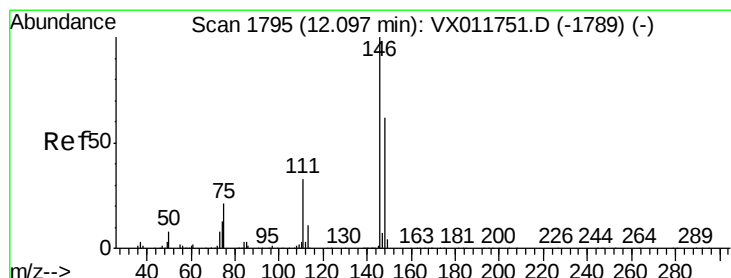
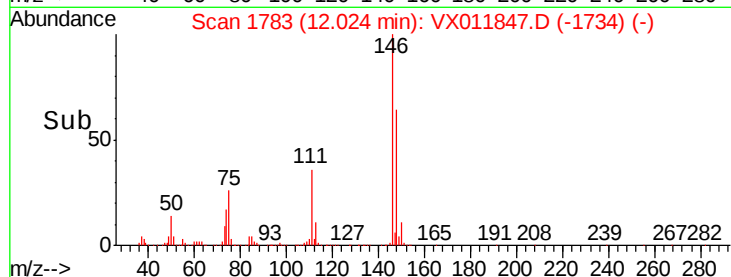
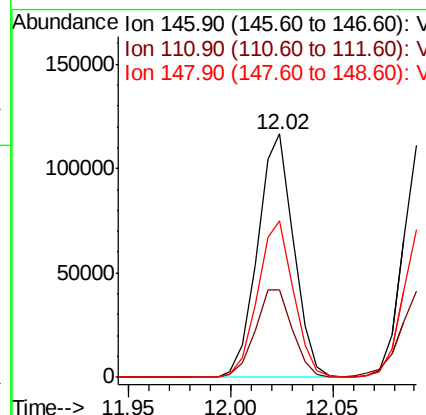
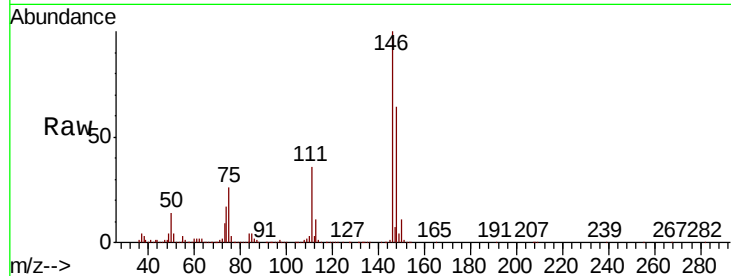




#87
 1,3-Dichlorobenzene
 Concen: 19.410 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX011847.D
 Acq: 27 Aug 2019 14:06

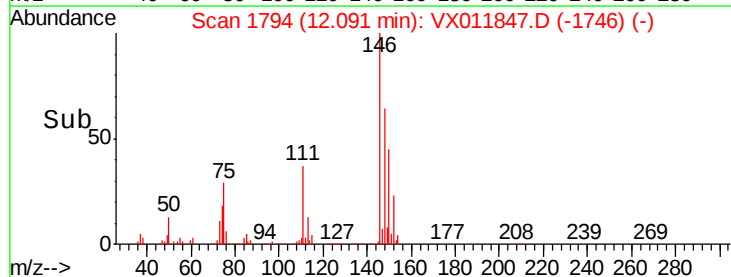
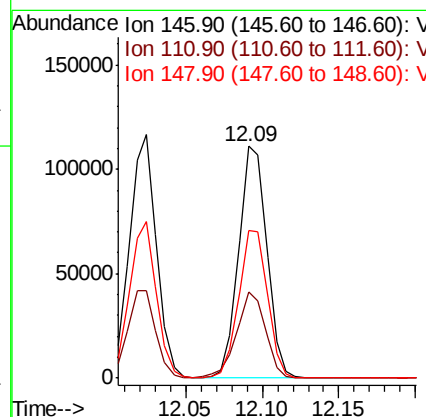
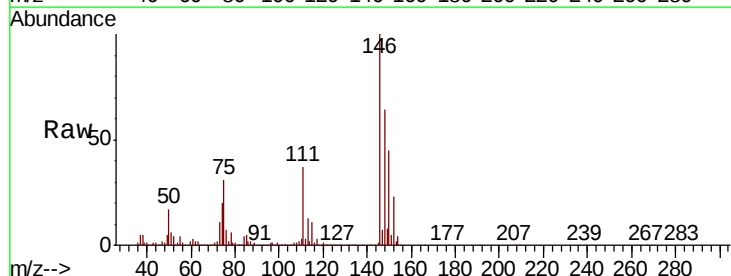
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0827WBSD01

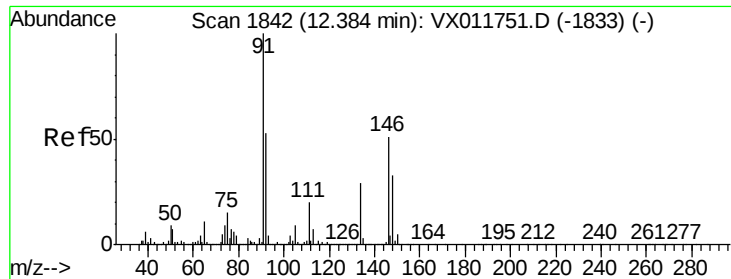
Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.1	54.4
148	64.2	31.6	94.7



#88
 1,4-Dichlorobenzene
 Concen: 18.989 ug/l
 RT: 12.09 min Scan# 1794
 Delta R.T. -0.01 min
 Lab File: VX011847.D
 Acq: 27 Aug 2019 14:06

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.0	17.8	53.4
148	65.1	31.9	95.7

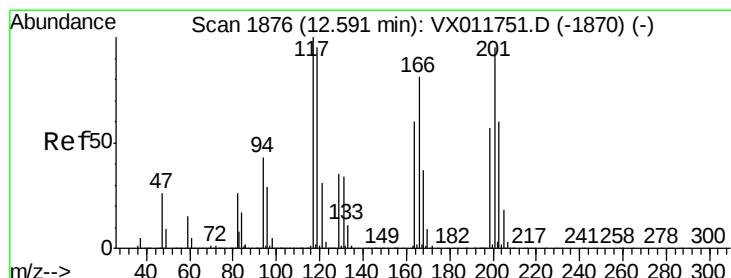
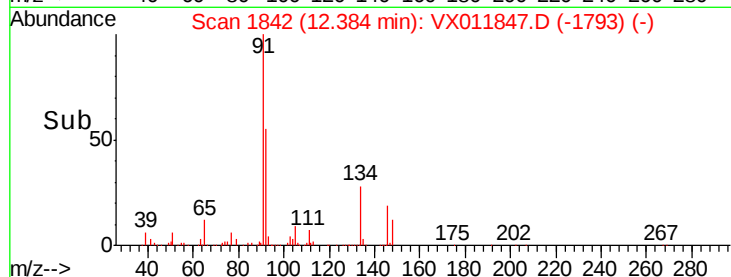
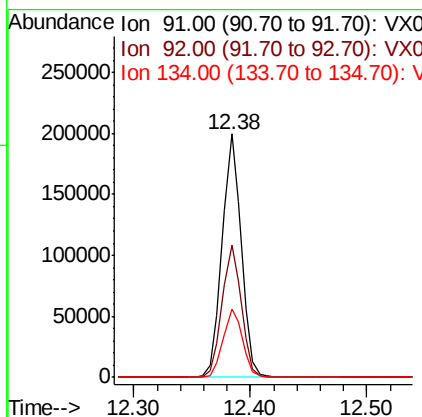
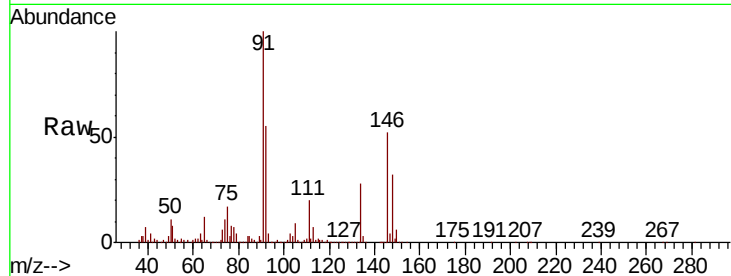




#89
n-Butylbenzene
Concen: 20.601 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX011847.D
Acq: 27 Aug 2019 14:06

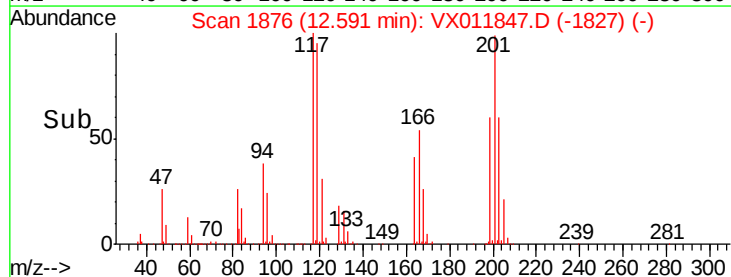
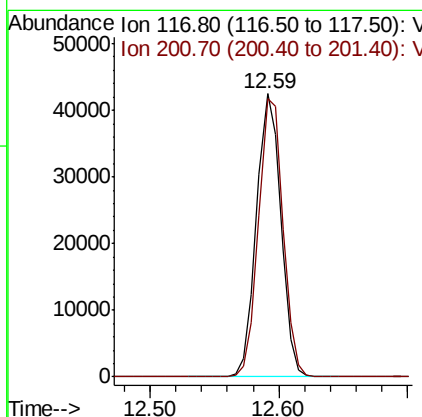
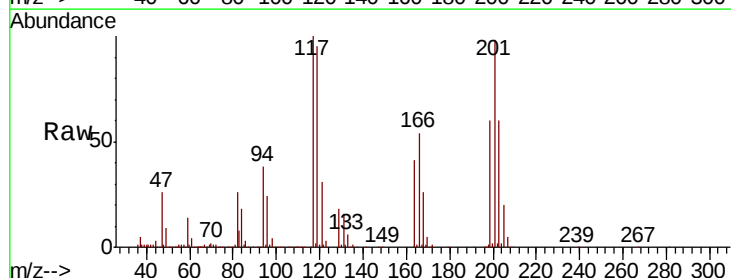
Instrument :
MSVOA_X
ClientSampleId :
VX0827WBSD01

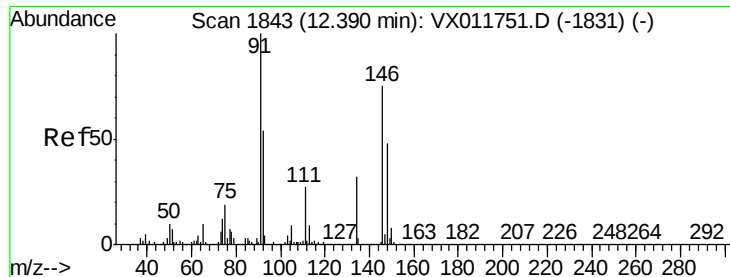
Tgt Ion: 91 Resp: 224961
Ion Ratio Lower Upper
91 100
92 54.9 26.7 80.0
134 28.6 14.6 43.8



#90
Hexachloroethane
Concen: 26.977 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. 0.00 min
Lab File: VX011847.D
Acq: 27 Aug 2019 14:06

Tgt Ion: 117 Resp: 55286
Ion Ratio Lower Upper
117 100
201 98.5 49.6 149.0





#91

1,2-Dichlorobenzene

Concen: 19.042 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX011847.D

Acq: 27 Aug 2019 14:06

Instrument :

MSVOA_X

ClientSampleId :

VX0827WBSD01

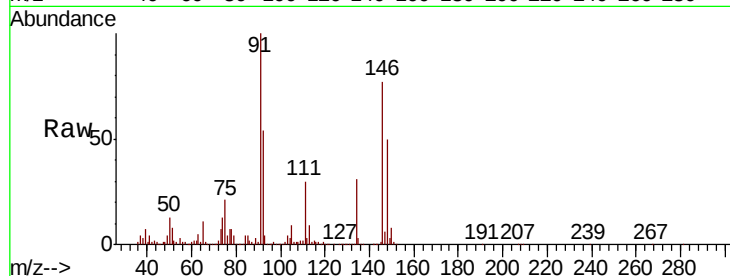
Tgt Ion:146 Resp: 141965

Ion Ratio Lower Upper

146 100

111 38.7 18.8 56.4

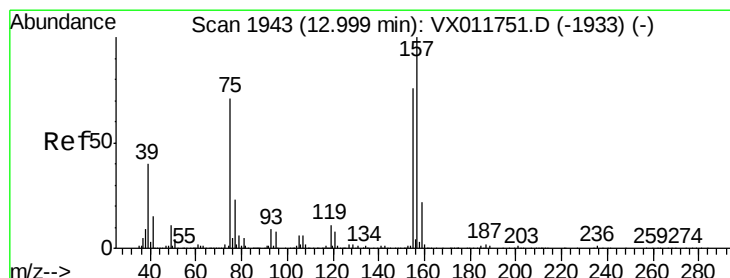
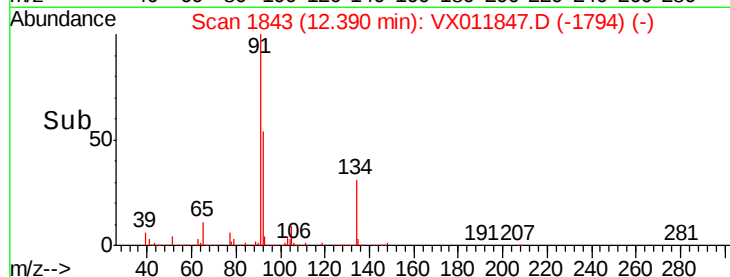
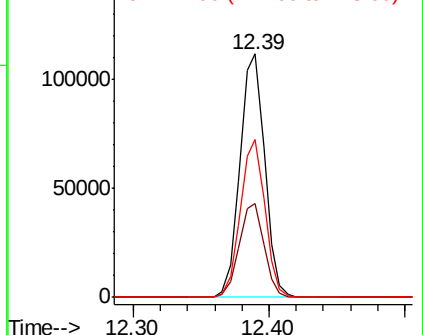
148 64.2 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 24.344 ug/l

RT: 12.99 min Scan# 1942

Delta R.T. -0.01 min

Lab File: VX011847.D

Acq: 27 Aug 2019 14:06

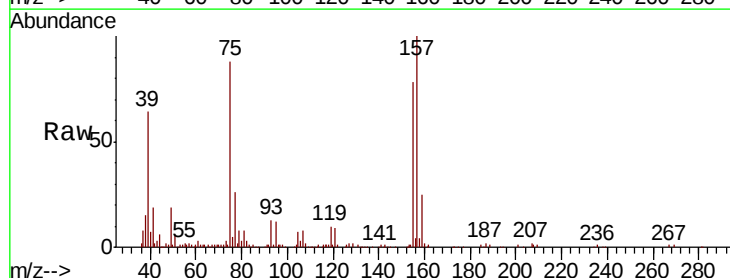
Tgt Ion: 75 Resp: 27271

Ion Ratio Lower Upper

75 100

155 100.4 52.6 157.9

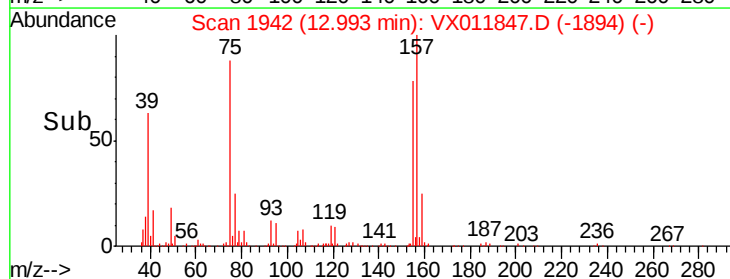
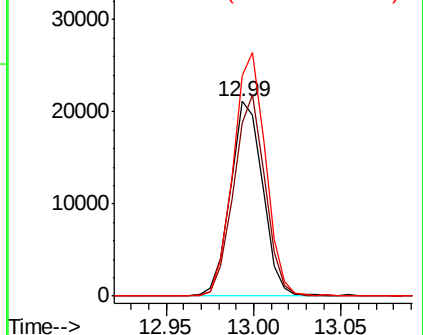
157 124.4 68.3 204.9

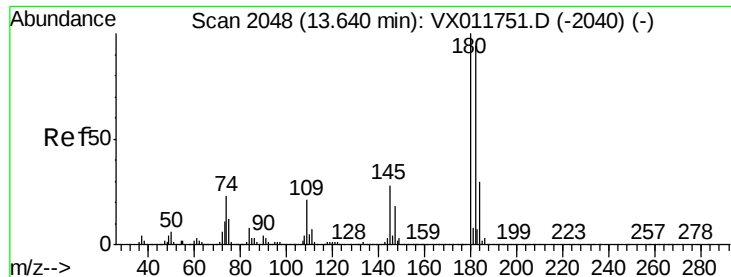


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

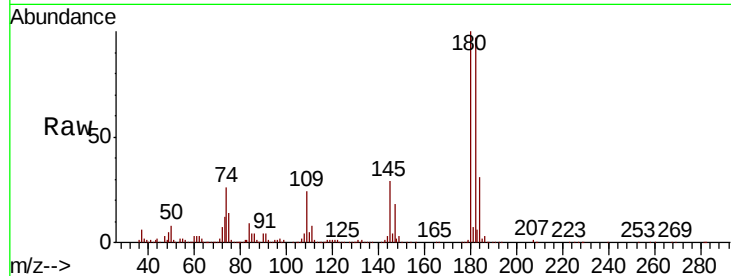




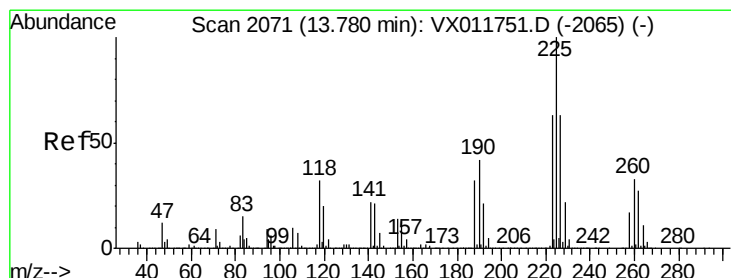
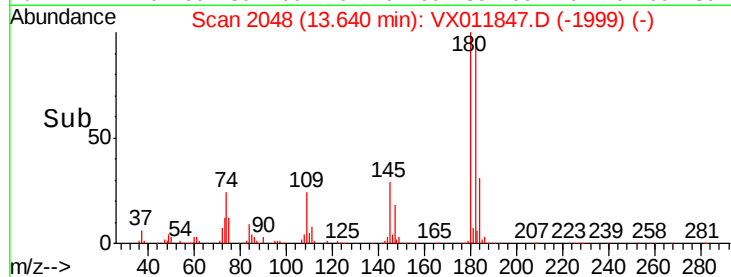
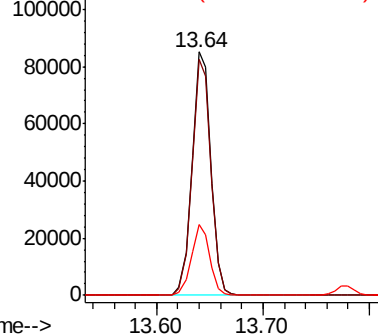
#93
 1,2,4-Trichlorobenzene
 Concen: 19.085 ug/l
 RT: 13.64 min Scan# 2048
 Delta R.T. 0.00 min
 Lab File: VX011847.D
 Acq: 27 Aug 2019 14:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0827WBSD01

Tgt Ion:180 Resp: 104661
 Ion Ratio Lower Upper
 180 100
 182 97.0 47.8 143.4
 145 28.4 14.1 42.3

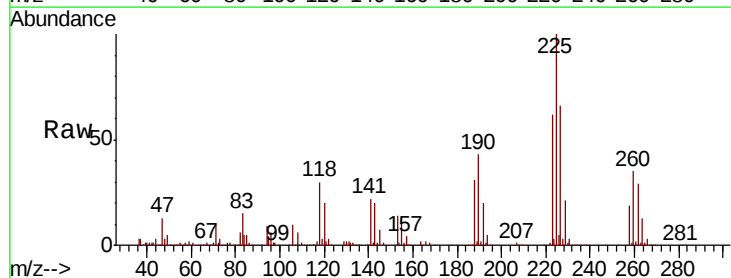


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

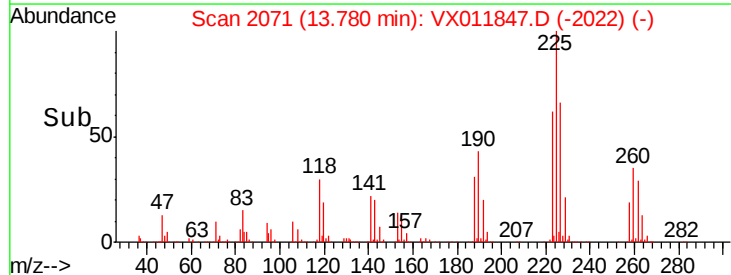
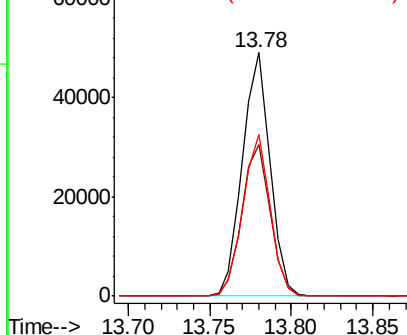


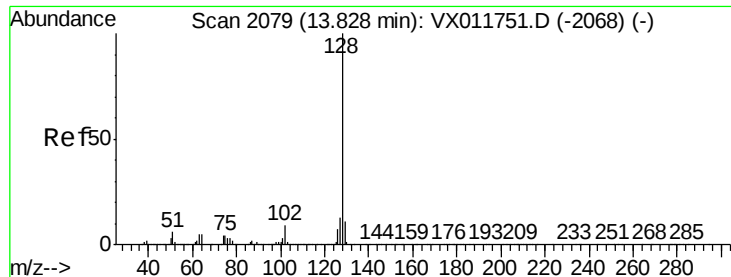
#94
 Hexachlorobutadiene
 Concen: 19.429 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX011847.D
 Acq: 27 Aug 2019 14:06

Tgt Ion:225 Resp: 58383
 Ion Ratio Lower Upper
 225 100
 223 63.7 31.0 93.0
 227 65.5 31.8 95.3



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

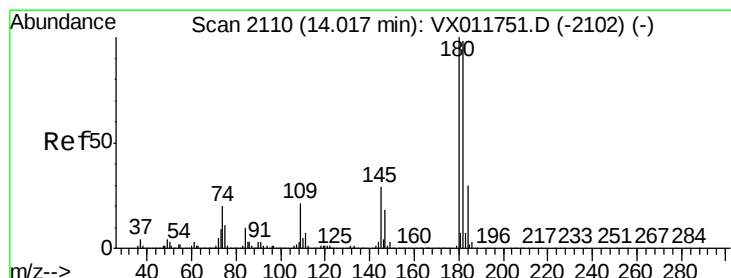
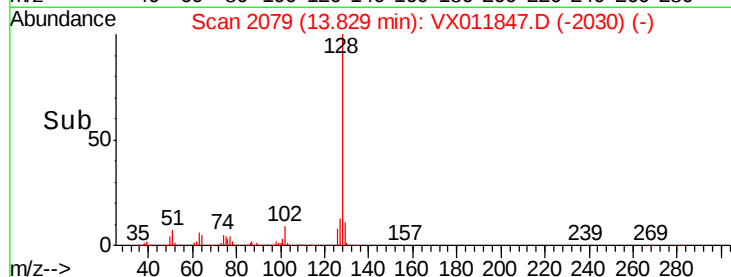
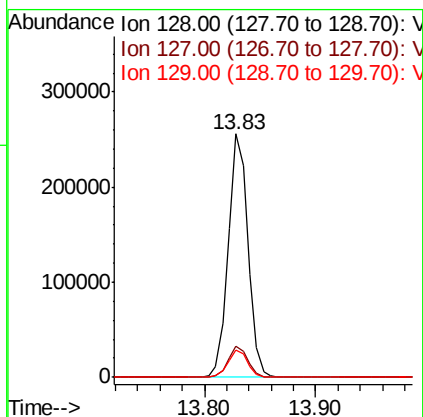
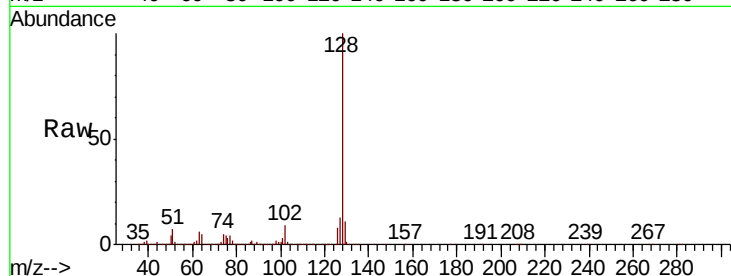




#95
Naphthalene
Concen: 20.668 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. 0.00 min
Lab File: VX011847.D
Acq: 27 Aug 2019 14:06

Instrument :
MSVOA_X
ClientSampleId :
VX0827WBSD01

Tgt Ion:128 Resp: 312168
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.453 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX011847.D
Acq: 27 Aug 2019 14:06

Tgt Ion:180 Resp: 107115
Ion Ratio Lower Upper
180 100
182 96.5 48.5 145.5
145 29.9 14.6 43.8

