

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081619\
 Data File : VX011588.D
 Acq On : 16 Aug 2019 17:58
 Operator : JC/SP
 Sample : VX0816WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0816WBSD01

Quant Time: Aug 19 01:11:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 04:15:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	395010	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	552227	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	503634	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	284365	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	161400	44.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.12%	
35) Dibromofluoromethane	5.49	113	150833	41.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.52%	
50) Toluene-d8	8.71	98	499540	44.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.78%	
62) 4-Bromofluorobenzene	11.13	95	213917	45.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	76609	19.731	ug/l	99
3) Chloromethane	1.32	50	67068	16.631	ug/l	98
4) Vinyl Chloride	1.40	62	67127	18.427	ug/l	97
5) Bromomethane	1.64	94	31928	19.560	ug/l	99
6) Chloroethane	1.71	64	36270	21.037	ug/l	96
7) Trichlorofluoromethane	1.92	101	100165	19.851	ug/l	96
8) Diethyl Ether	2.18	74	34931	20.181	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	63293	18.161	ug/l	99
10) Methyl Iodide	2.50	142	54116	10.900	ug/l	98
11) Tert butyl alcohol	3.04	59	82132	91.391	ug/l	98
12) 1,1-Dichloroethene	2.37	96	62399	18.527	ug/l	99
13) Acrolein	2.29	56	26412	103.044	ug/l	97
14) Allyl chloride	2.72	41	102041	18.213	ug/l	97
15) Acrylonitrile	3.14	53	192978	93.823	ug/l	99
16) Acetone	2.43	43	163736	88.894	ug/l	98
17) Carbon Disulfide	2.56	76	137043	17.268	ug/l	100
18) Methyl Acetate	2.76	43	107866	18.883	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	213784	19.489	ug/l	99
20) Methylene Chloride	2.85	84	68098	17.608	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	66620	18.665	ug/l	96
22) Diisopropyl ether	3.85	45	211192	18.928	ug/l	98
23) Vinyl Acetate	3.81	43	836571	94.682	ug/l	100
24) 1,1-Dichloroethane	3.69	63	116241	18.426	ug/l	97
25) 2-Butanone	4.67	43	269711	93.272	ug/l	99
26) 2,2-Dichloropropane	4.57	77	82637	17.404	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	78915	18.966	ug/l	99
28) Bromochloromethane	5.01	49	53175	19.201	ug/l	98
29) Tetrahydrofuran	5.12	42	174326	91.903	ug/l	98
30) Chloroform	5.20	83	121856	18.303	ug/l	99
31) Cyclohexane	5.57	56	107151	19.727	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	106032	18.522	ug/l	99
36) 1,1-Dichloropropene	5.79	75	89326	18.919	ug/l	99
37) Ethyl Acetate	4.82	43	98647	18.165	ug/l	99
38) Carbon Tetrachloride	5.78	117	91652	17.619	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	119617	20.515	ug/l	96
40) Benzene	6.13	78	270240	18.418	ug/l	100
41) Methacrylonitrile	5.03	41	55249	18.485	ug/l	96
42) 1,2-Dichloroethane	6.19	62	94750	18.639	ug/l	100
43) Isopropyl Acetate	6.44	43	157396	18.572	ug/l	99
44) Trichloroethene	7.21	130	83085	19.089	ug/l	98
45) 1,2-Dichloropropane	7.51	63	69036	18.867	ug/l	100
46) Dibromomethane	7.66	93	47427	17.836	ug/l	100
47) Bromodichloromethane	7.90	83	85603	17.533	ug/l	98
48) Methyl methacrylate	7.77	41	79328	18.901	ug/l	99
49) 1,4-Dioxane	7.74	88	39784	356.392	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	526458	94.904	ug/l	99
52) Toluene	8.78	92	178690	19.116	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	91075	17.974	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	102388	18.464	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	72322	18.194	ug/l	96
56) Ethyl methacrylate	9.18	69	112866	19.535	ug/l	100
57) 1,3-Dichloropropane	9.37	76	118249	18.714	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	257595	89.482	ug/l	99
59) 2-Hexanone	9.49	43	399217	93.323	ug/l	100
60) Dibromochloromethane	9.58	129	73049	17.638	ug/l	97
61) 1,2-Dibromoethane	9.67	107	78233	18.441	ug/l	98
64) Tetrachloroethene	9.34	164	77618	18.784	ug/l	96
65) Chlorobenzene	10.13	112	200976	18.709	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	73941	18.416	ug/l	98
67) Ethyl Benzene	10.25	91	353549	19.721	ug/l	100
68) m/p-Xylenes	10.35	106	284159	41.293	ug/l	100
69) o-Xylene	10.69	106	130901	19.420	ug/l	97
70) Styrene	10.71	104	222949	19.648	ug/l	100
71) Bromoform	10.85	173	57521	17.064	ug/l #	99
73) Isopropylbenzene	11.02	105	352033	19.078	ug/l	98
74) N-amyl acetate	10.90	43	156548	19.964	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	11.27	83	118754	18.709	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	120441	22.336	ug/l	85
77) Bromobenzene	11.25	156	101288	18.450	ug/l	99
78) n-propylbenzene	11.36	91	388441	19.523	ug/l	100
79) 2-Chlorotoluene	11.42	91	228616	18.712	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	313132	20.202	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	28306	17.430	ug/l #	86
82) 4-Chlorotoluene	11.51	91	272915	19.254	ug/l	100
83) tert-Butylbenzene	11.77	119	294807	18.674	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	333699	21.444	ug/l	100
85) sec-Butylbenzene	11.94	105	338137	18.984	ug/l	99
86) p-Isopropyltoluene	12.06	119	329637	19.672	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	178772	18.945	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	181545	18.982	ug/l	99
89) n-Butylbenzene	12.38	91	279488	20.288	ug/l	99
90) Hexachloroethane	12.59	117	45231	17.094	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	175460	18.523	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	24103	16.598	ug/l	94

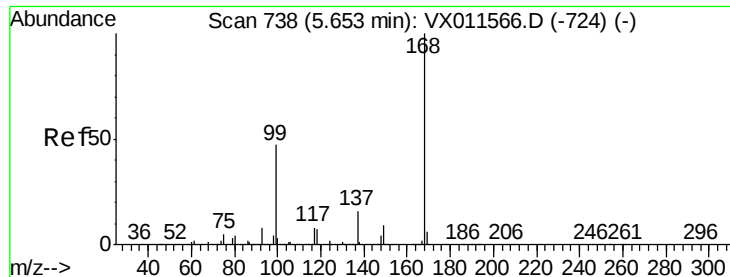
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081619\
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Quant Title : SW846 8260
QLast Update : Fri Aug 16 04:15:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	138270	19.591	ug/l	96
94) Hexachlorobutadiene	13.78	225	64326	16.738	ug/l	98
95) Naphthalene	13.83	128	440524	22.078	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	141884	19.931	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.01 min

Lab File: VX011588.D

Acq: 16 Aug 2019 17:58

Instrument :

MSVOA_X

ClientSampleId :

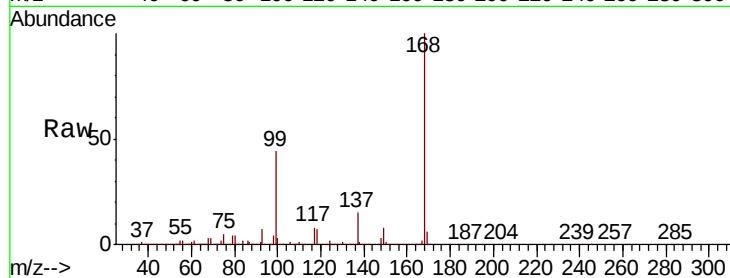
VX0816WBSD01

Tgt Ion:168 Resp: 395010

Ion Ratio Lower Upper

168 100

99 44.1 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

150000

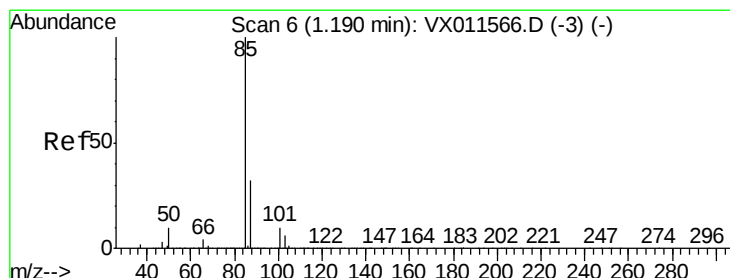
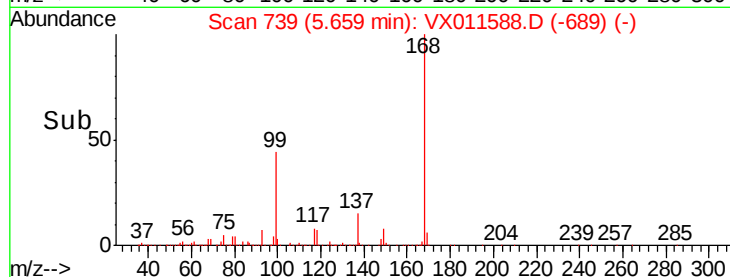
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50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 19.731 ug/l

RT: 1.19 min Scan# 6

Delta R.T. 0.00 min

Lab File: VX011588.D

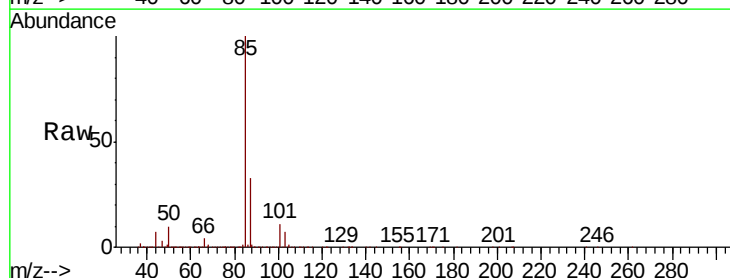
Acq: 16 Aug 2019 17:58

Tgt Ion: 85 Resp: 76609

Ion Ratio Lower Upper

85 100

87 32.5 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

80000

60000

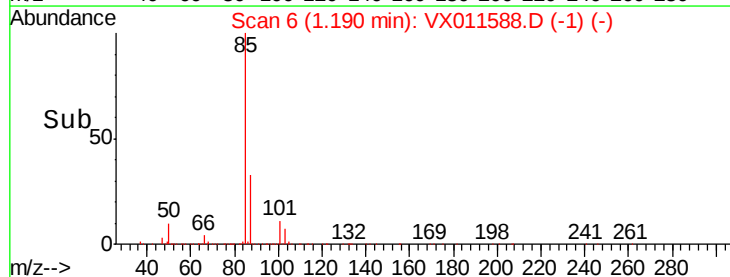
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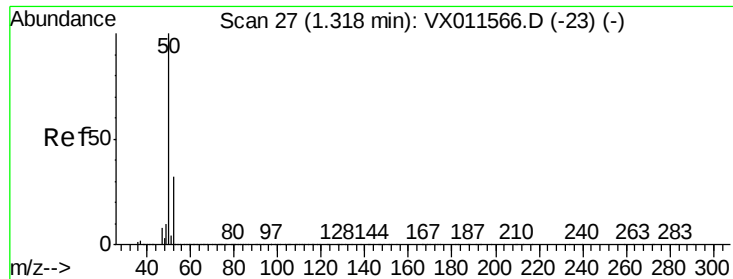
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1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 16.631 ug/l

RT: 1.32 min Scan# 27

Delta R.T. 0.00 min

Lab File: VX011588.D

Acq: 16 Aug 2019 17:58

Instrument :

MSVOA_X

ClientSampleId :

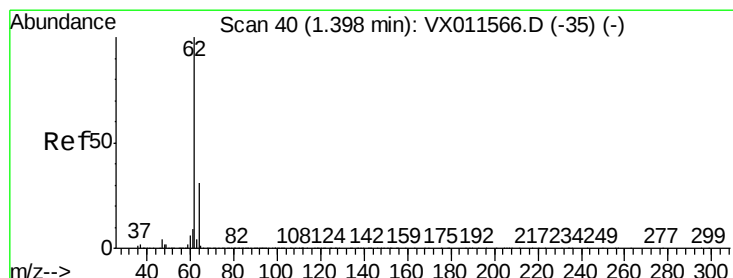
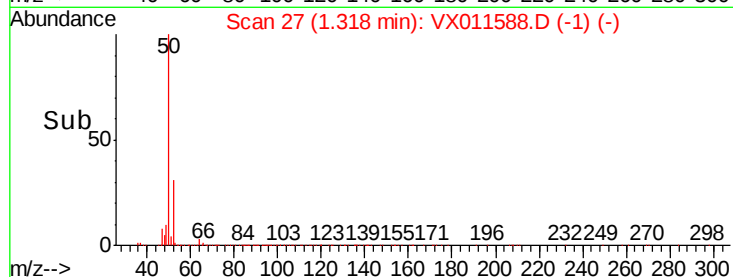
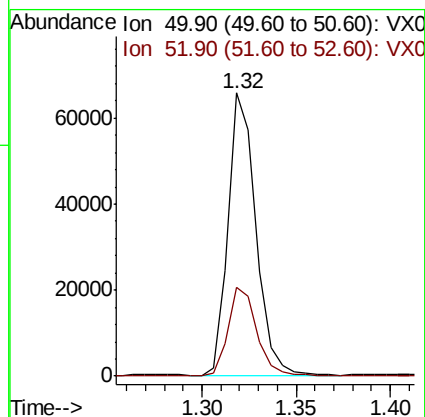
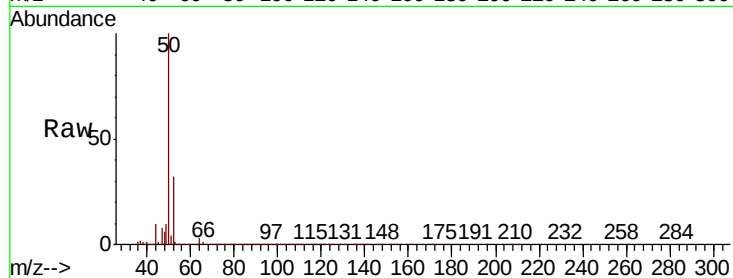
VX0816WBSD01

Tgt Ion: 50 Resp: 67068

Ion Ratio Lower Upper

50 100

52 31.4 26.0 39.0



#4

Vinyl Chloride

Concen: 18.427 ug/l

RT: 1.40 min Scan# 40

Delta R.T. 0.00 min

Lab File: VX011588.D

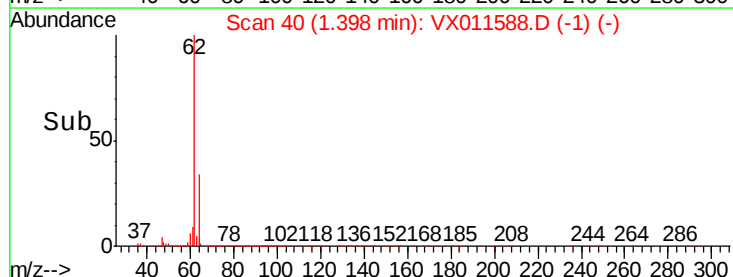
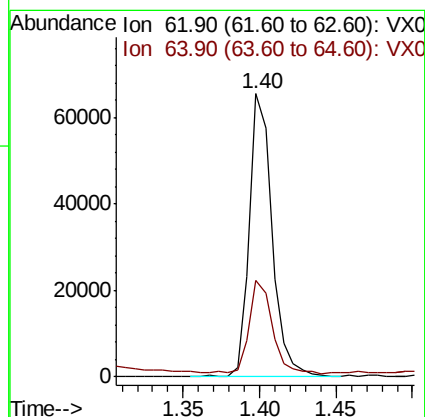
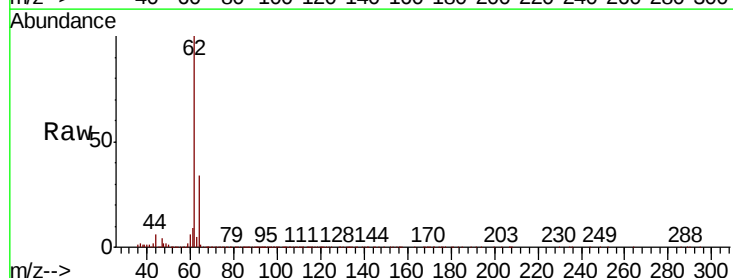
Acq: 16 Aug 2019 17:58

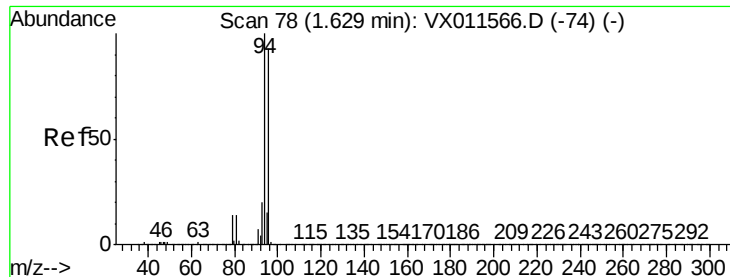
Tgt Ion: 62 Resp: 67127

Ion Ratio Lower Upper

62 100

64 32.6 25.0 37.4





#5

Bromomethane

Concen: 19.560 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.01 min

Lab File: VX011588.D

Acq: 16 Aug 2019 17:58

Instrument :

MSVOA_X

ClientSampleId :

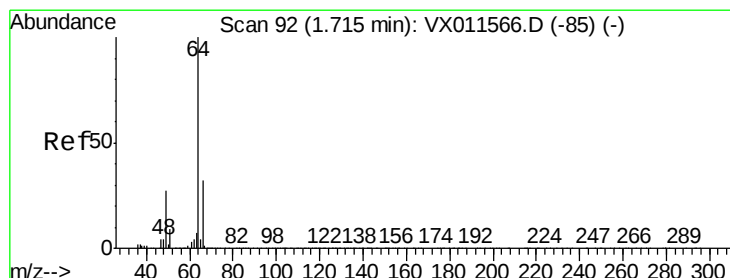
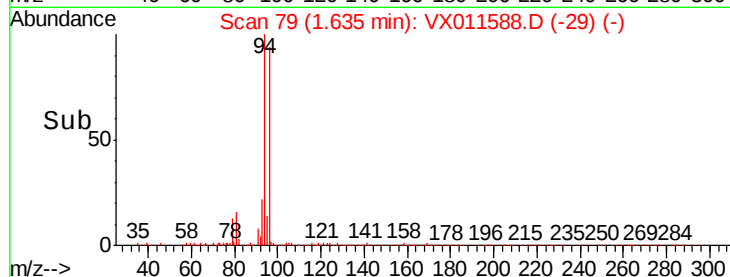
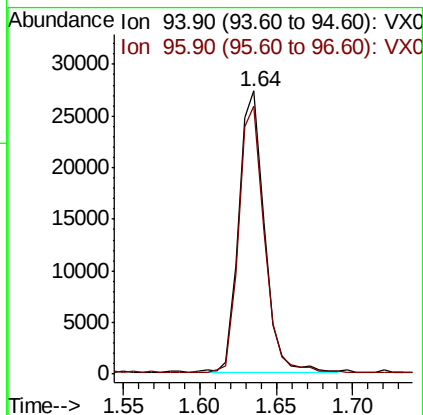
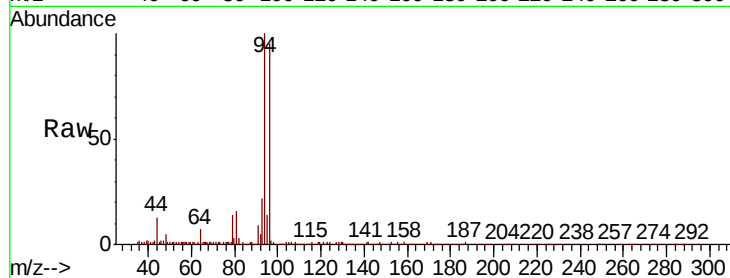
VX0816WBSD01

Tgt Ion: 94 Resp: 31928

Ion Ratio Lower Upper

94 100

96 94.5 74.8 112.2



#6

Chloroethane

Concen: 21.037 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX011588.D

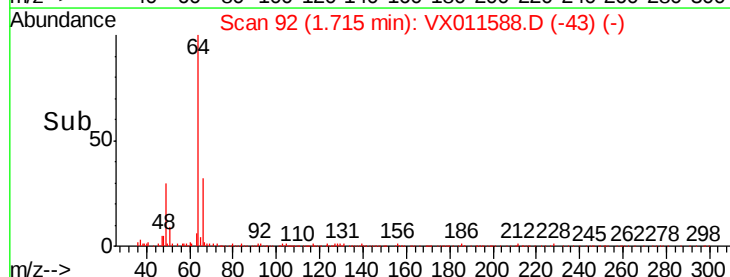
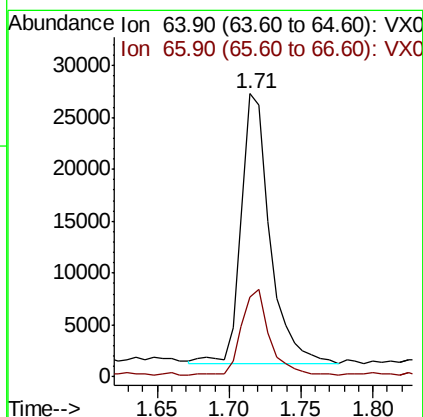
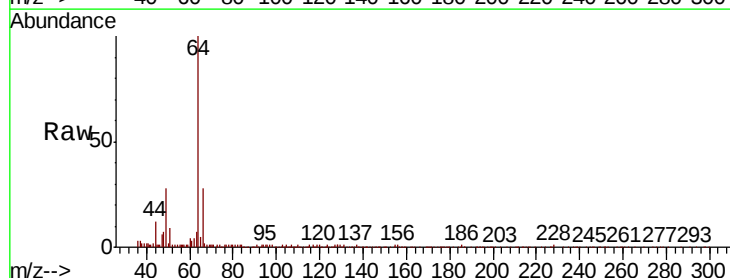
Acq: 16 Aug 2019 17:58

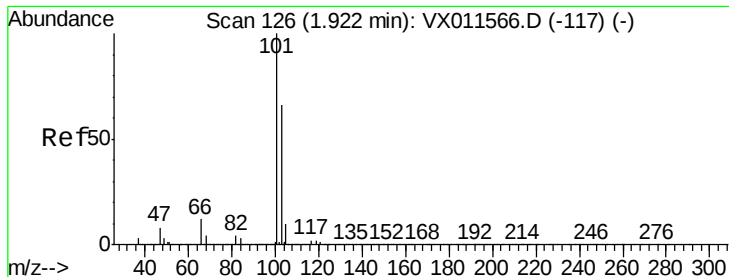
Tgt Ion: 64 Resp: 36270

Ion Ratio Lower Upper

64 100

66 29.3 25.3 37.9



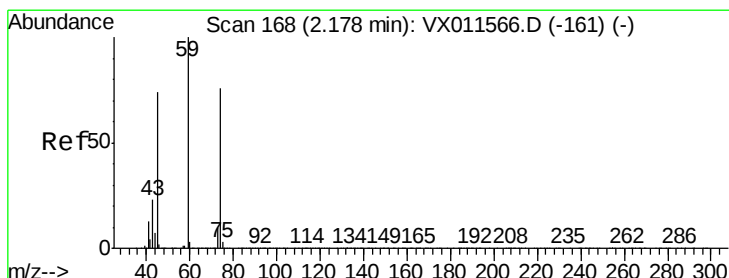
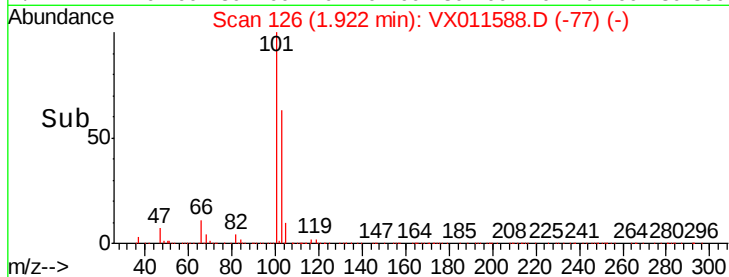
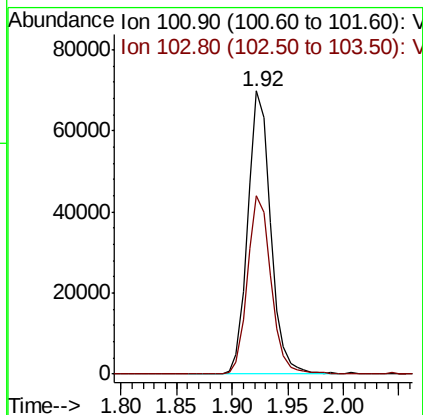
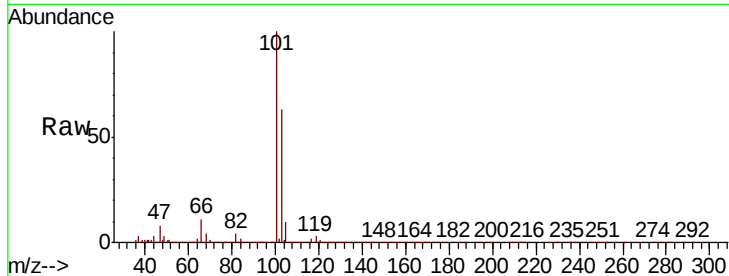


#7

Trichlorofluoromethane
Concen: 19.851 ug/l
RT: 1.92 min Scan# 126
Delta R.T. 0.00 min
Lab File: VX011588.D
Acq: 16 Aug 2019 17:58

Instrument :
MSVOA_X
ClientSampleId :
VX0816WBSD01

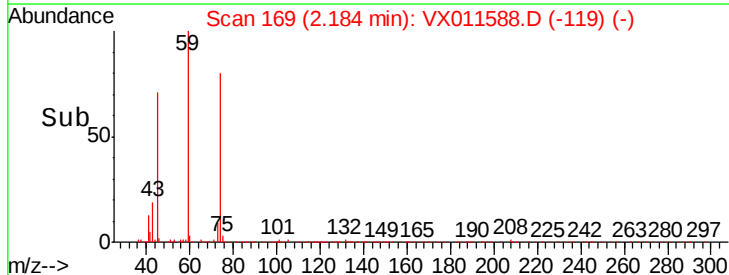
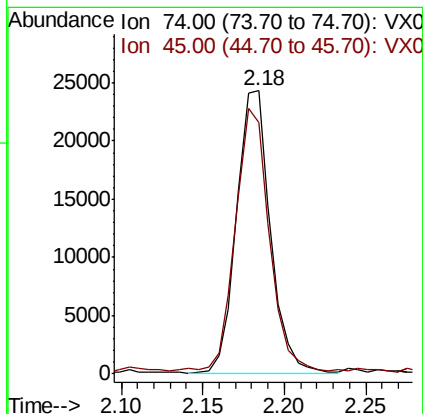
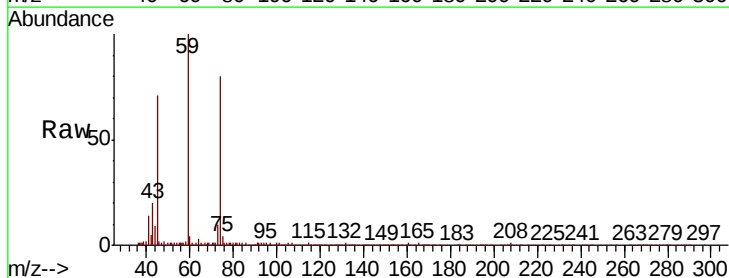
Tgt Ion: 101 Resp: 100165
Ion Ratio Lower Upper
101 100
103 62.9 52.9 79.3

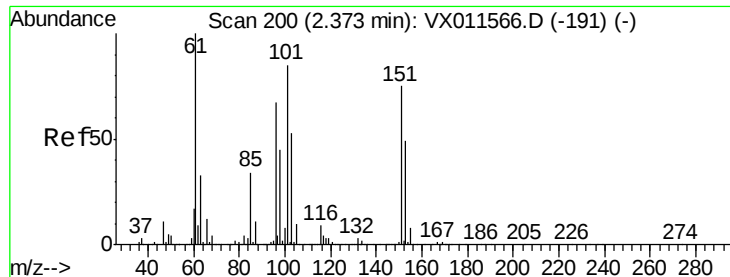


#8

Diethyl Ether
Concen: 20.181 ug/l
RT: 2.18 min Scan# 169
Delta R.T. 0.01 min
Lab File: VX011588.D
Acq: 16 Aug 2019 17:58

Tgt Ion: 74 Resp: 34931
Ion Ratio Lower Upper
74 100
45 93.4 48.2 144.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.161 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.01 min

Lab File: VX011588.D

Acq: 16 Aug 2019 17:58

Instrument :

MSVOA_X

ClientSampleId :

VX0816WBSD01

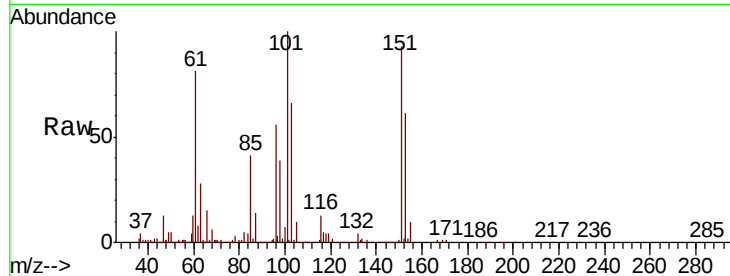
Tgt Ion:101 Resp: 63293

Ion Ratio Lower Upper

101 100

85 42.5 33.0 49.4

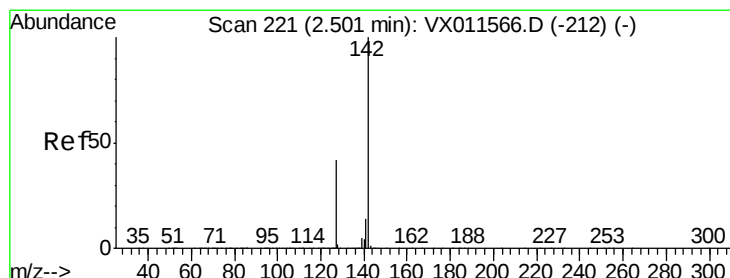
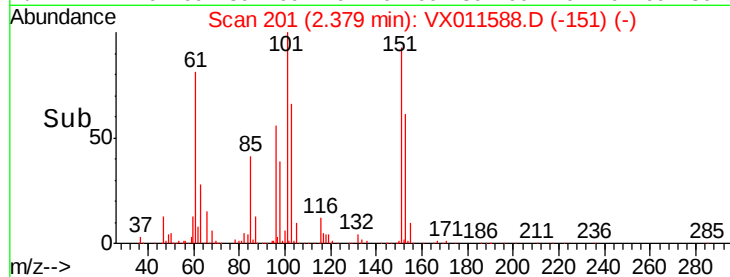
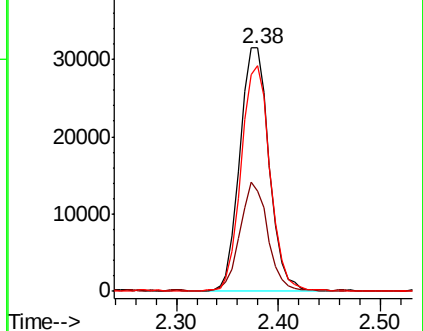
151 91.2 73.3 109.9



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: 10.900 ug/l

RT: 2.50 min Scan# 221

Delta R.T. 0.00 min

Lab File: VX011588.D

Acq: 16 Aug 2019 17:58

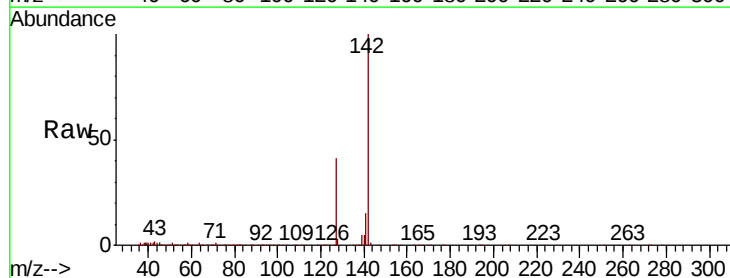
Tgt Ion:142 Resp: 54116

Ion Ratio Lower Upper

142 100

127 40.2 32.8 49.2

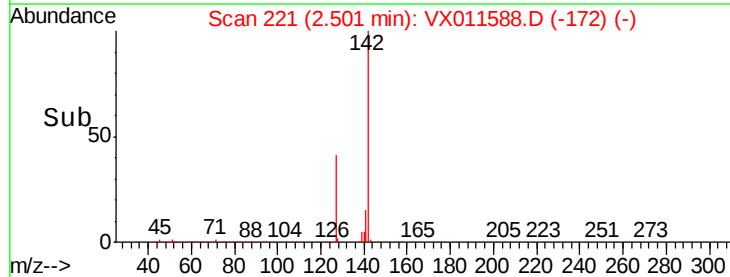
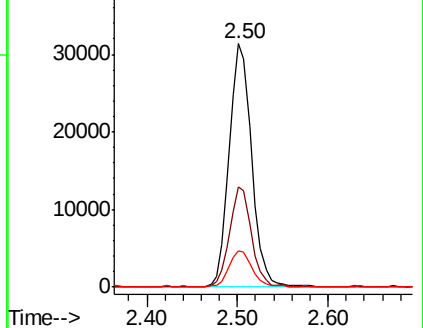
141 15.7 11.4 17.2

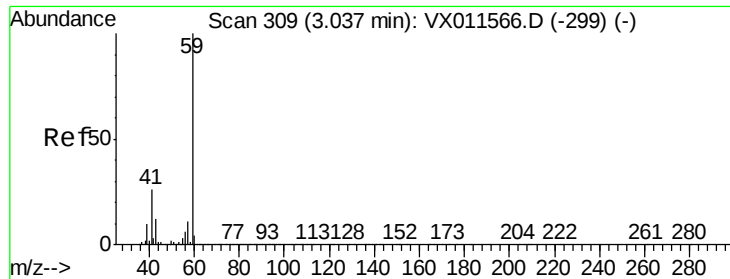


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

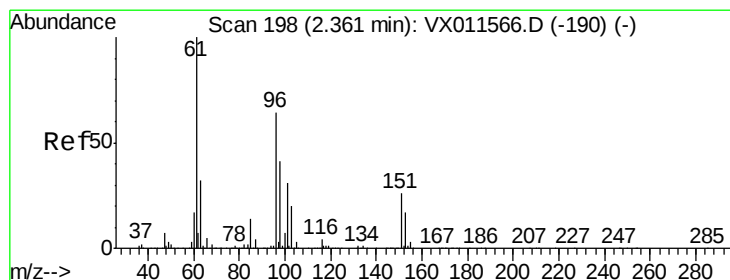
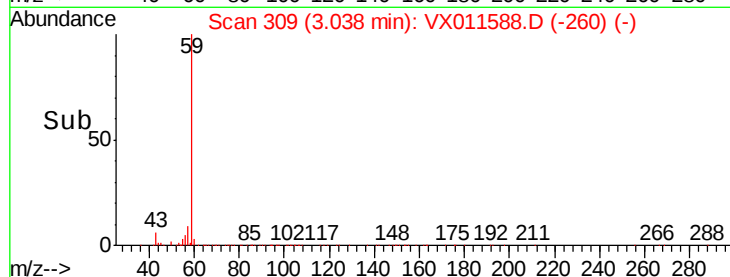
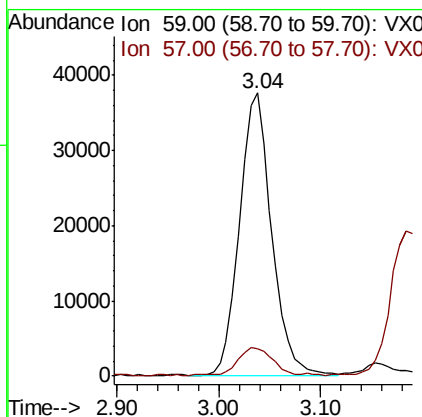
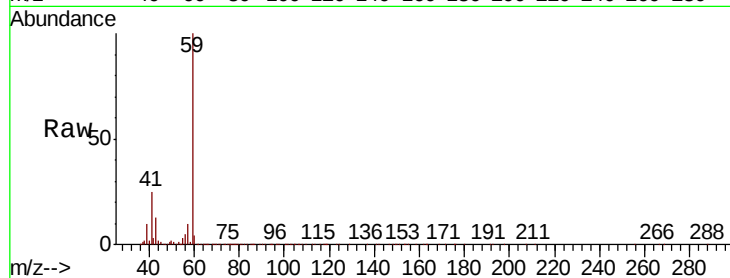




#11
Tert butyl alcohol
Concen: 91.391 ug/l
RT: 3.04 min Scan# 309
Delta R.T. 0.00 min
Lab File: VX011588.D
Acq: 16 Aug 2019 17:58

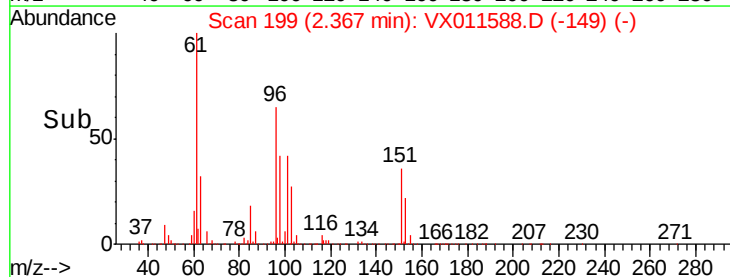
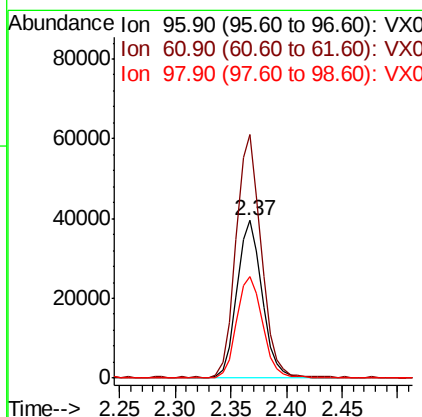
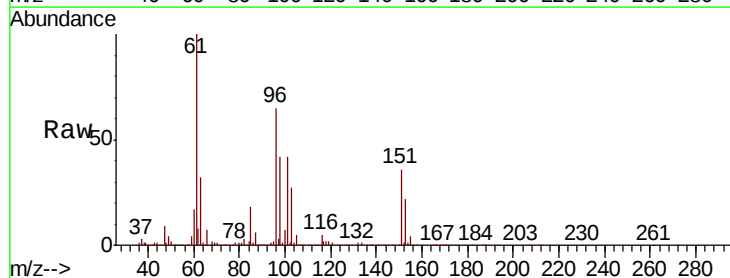
Instrument :
MSVOA_X
ClientSampleId :
VX0816WBSD01

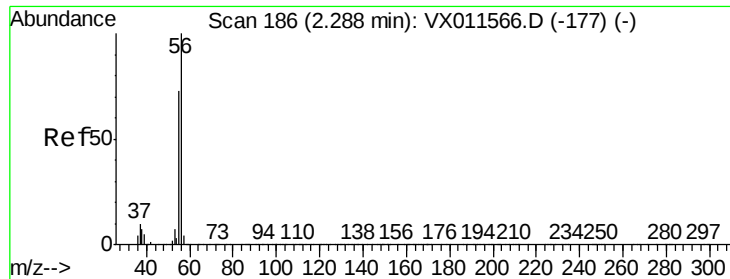
Tgt Ion: 59 Resp: 82132
Ion Ratio Lower Upper
59 100
57 10.3 8.7 13.1



#12
1,1-Dichloroethene
Concen: 18.527 ug/l
RT: 2.37 min Scan# 199
Delta R.T. 0.01 min
Lab File: VX011588.D
Acq: 16 Aug 2019 17:58

Tgt Ion: 96 Resp: 62399
Ion Ratio Lower Upper
96 100
61 154.1 125.0 187.4
98 64.4 51.5 77.3

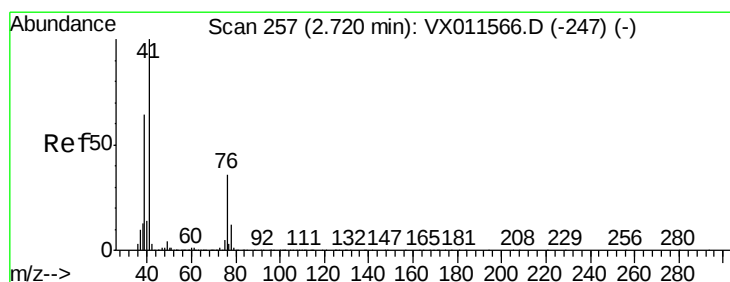
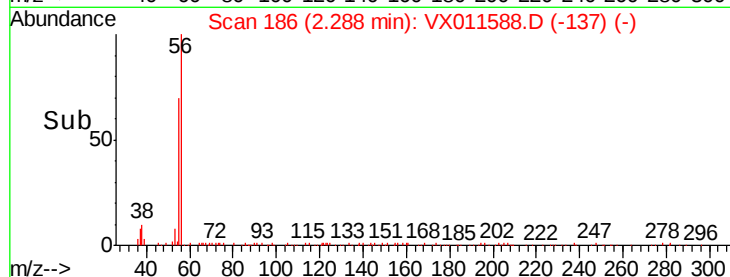
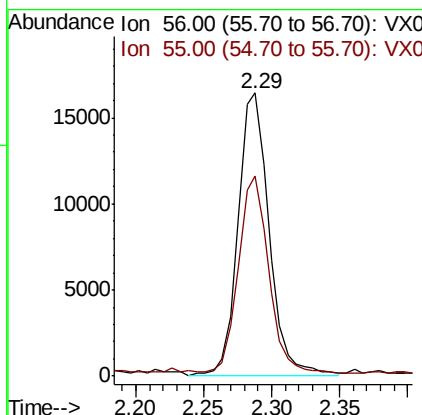
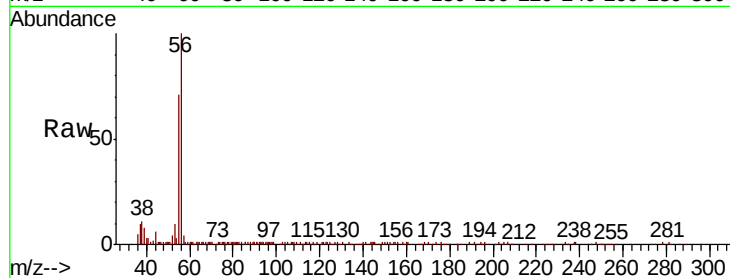




#13
Acrolein
Concen: 103.044 ug/l
RT: 2.29 min Scan# 186
Delta R.T. 0.00 min
Lab File: VX011588.D
Acq: 16 Aug 2019 17:58

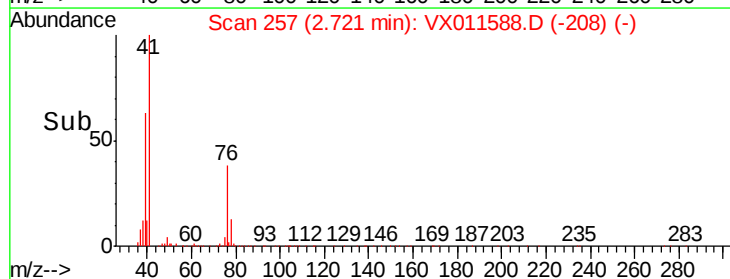
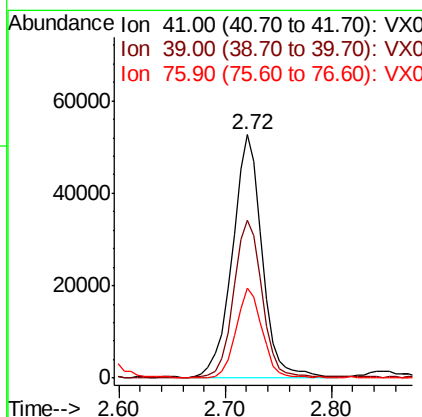
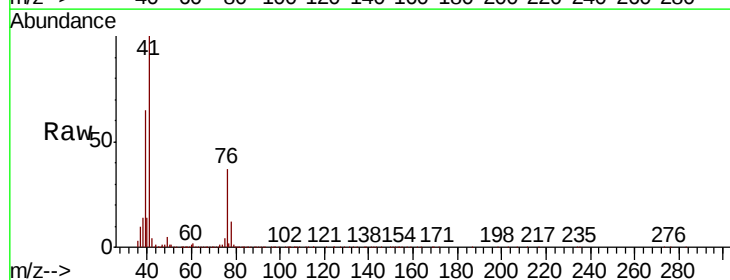
Instrument :
MSVOA_X
ClientSampleId :
VX0816WBSD01

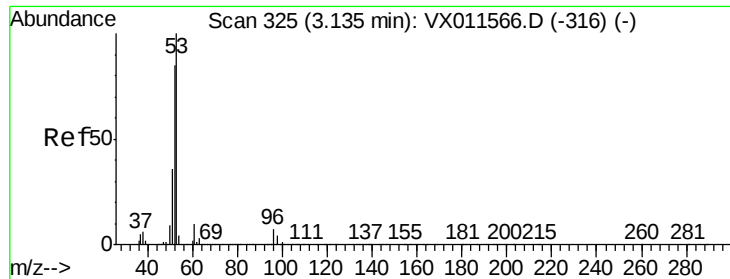
Tgt Ion: 56 Resp: 26412
Ion Ratio Lower Upper
56 100
55 67.4 55.5 83.3



#14
Allyl chloride
Concen: 18.213 ug/l
RT: 2.72 min Scan# 257
Delta R.T. 0.00 min
Lab File: VX011588.D
Acq: 16 Aug 2019 17:58

Tgt Ion: 41 Resp: 102041
Ion Ratio Lower Upper
41 100
39 62.0 47.5 71.3
76 32.5 26.3 39.5





#15

Acrylonitrile

Concen: 93.823 ug/l

RT: 3.14 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX011588.D

Acq: 16 Aug 2019 17:58

Instrument :

MSVOA_X

ClientSampleId :

VX0816WBSD01

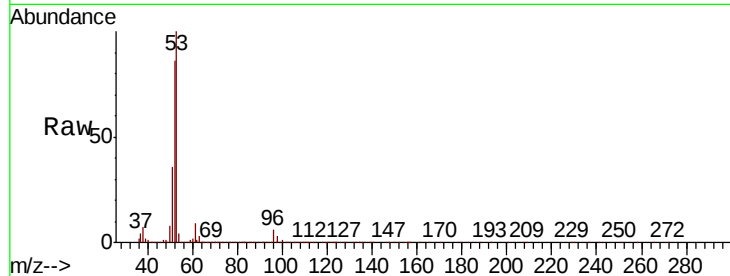
Tgt Ion: 53 Resp: 192978

Ion Ratio Lower Upper

53 100

52 82.7 66.7 100.1

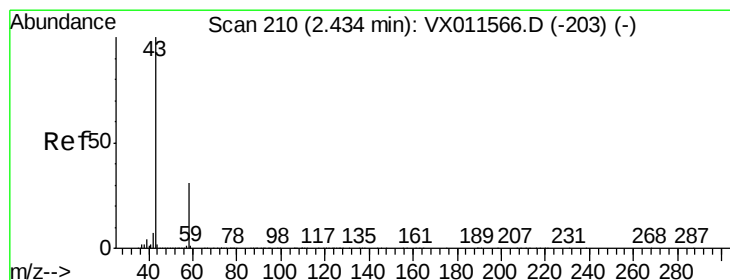
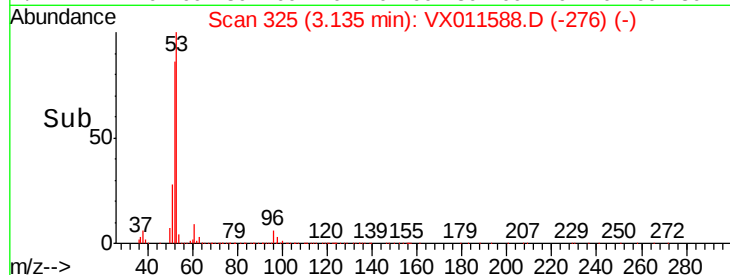
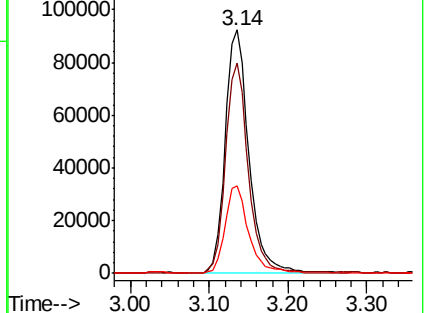
51 35.5 28.7 43.1



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 88.894 ug/l

RT: 2.43 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX011588.D

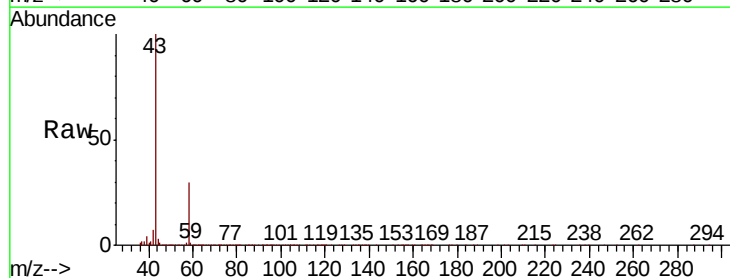
Acq: 16 Aug 2019 17:58

Tgt Ion: 43 Resp: 163736

Ion Ratio Lower Upper

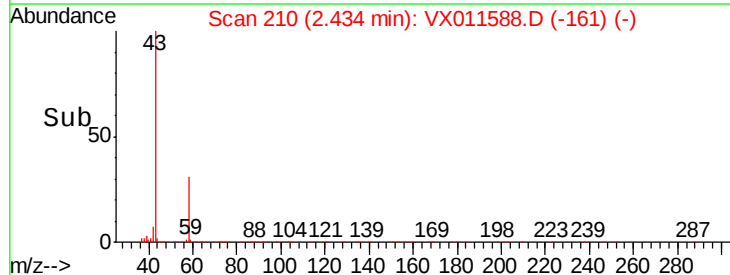
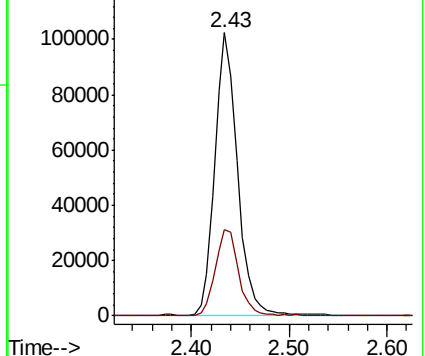
43 100

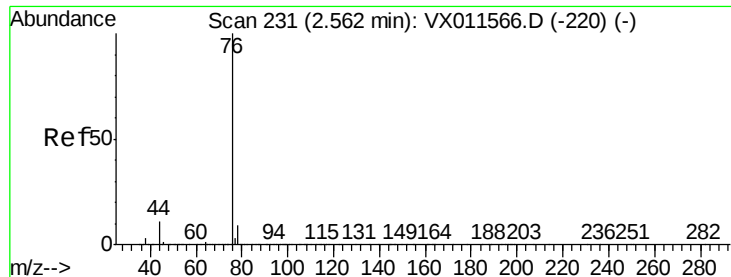
58 30.4 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 17.268 ug/l

RT: 2.56 min Scan# 231

Delta R.T. 0.00 min

Lab File: VX011588.D

Acq: 16 Aug 2019 17:58

Instrument :

MSVOA_X

ClientSampleId :

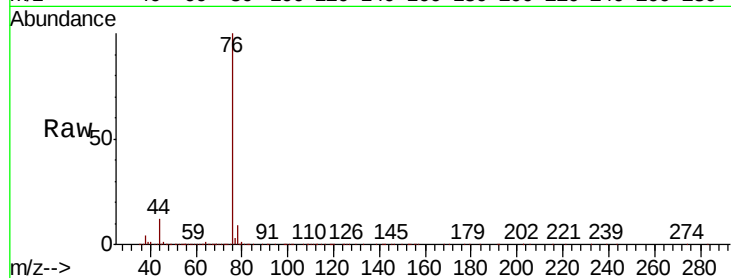
VX0816WBSD01

Tgt Ion: 76 Resp: 137043

Ion Ratio Lower Upper

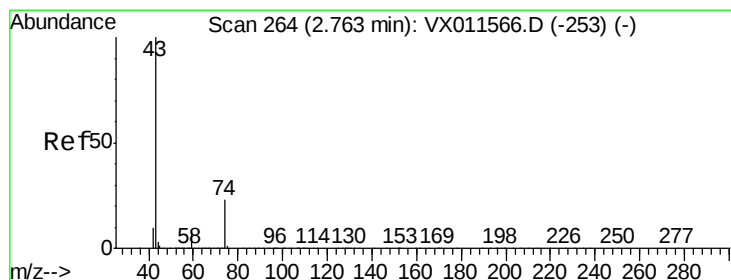
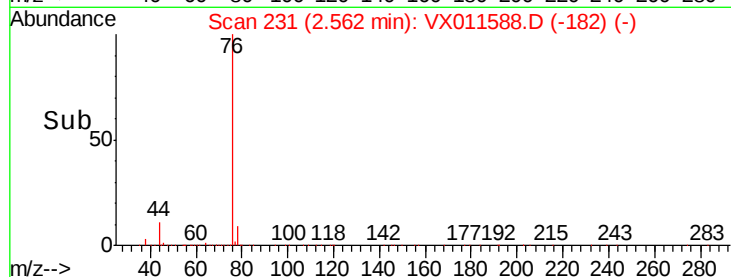
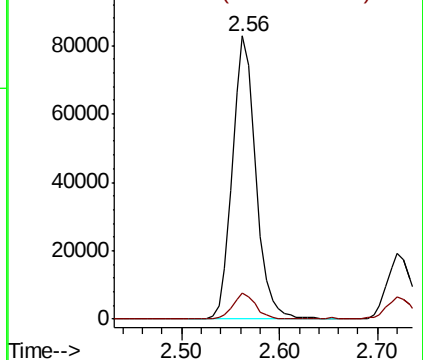
76 100

78 9.0 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 18.883 ug/l

RT: 2.76 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX011588.D

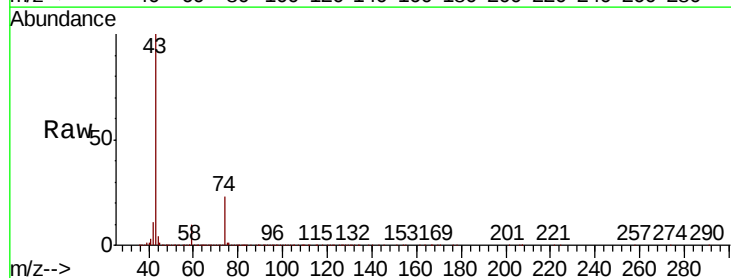
Acq: 16 Aug 2019 17:58

Tgt Ion: 43 Resp: 107866

Ion Ratio Lower Upper

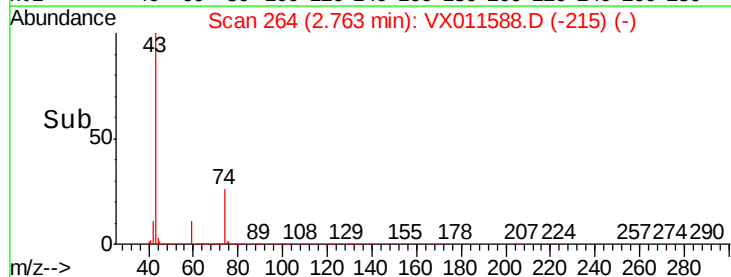
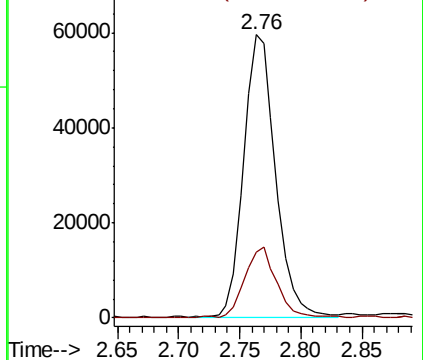
43 100

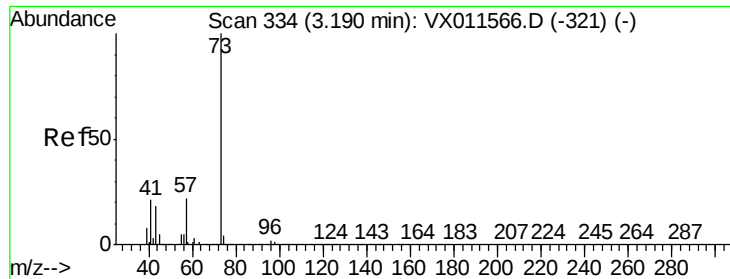
74 25.0 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

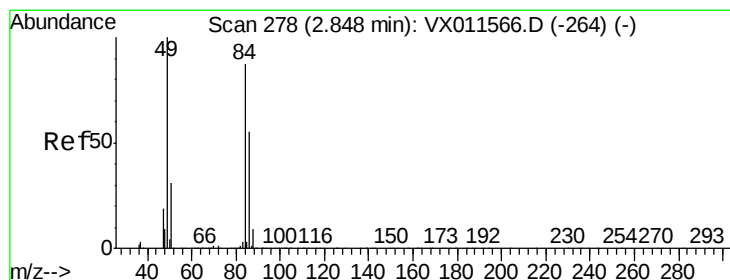
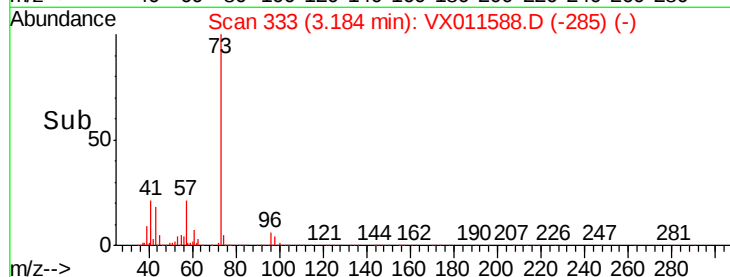
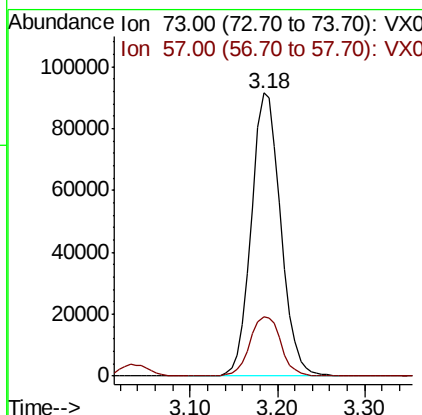
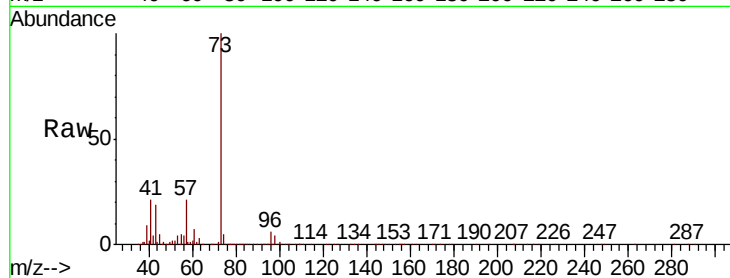




#19
Methyl tert-butyl Ether
Concen: 19.489 ug/l
RT: 3.18 min Scan# 333
Delta R.T. -0.01 min
Lab File: VX011588.D
Acq: 16 Aug 2019 17:58

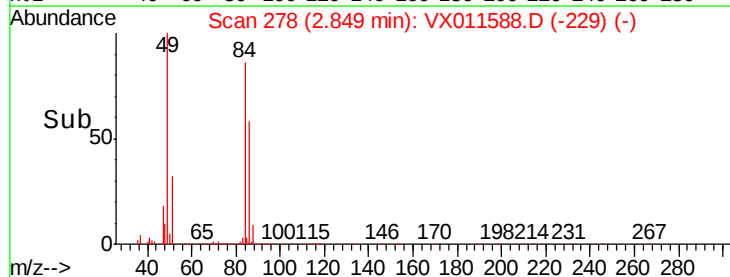
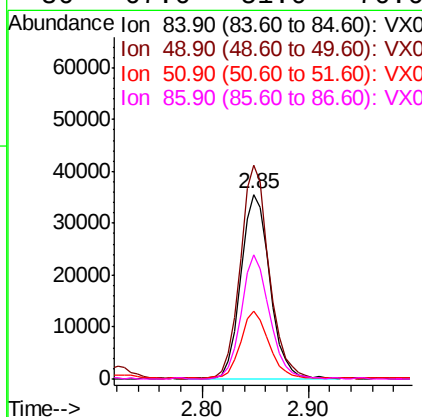
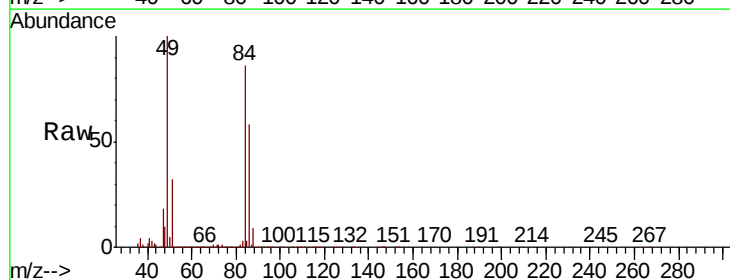
Instrument :
MSVOA_X
ClientSampleId :
VX0816WBSD01

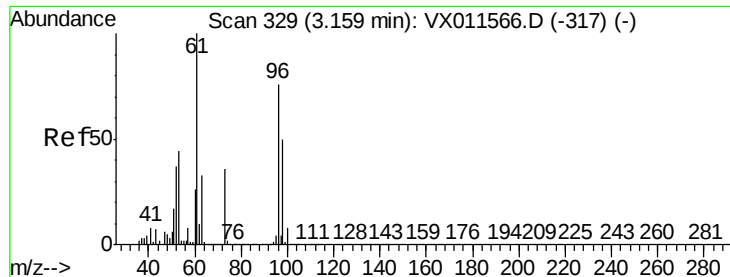
Tgt Ion: 73 Resp: 213784
Ion Ratio Lower Upper
73 100
57 20.8 17.2 25.8



#20
Methylene Chloride
Concen: 17.608 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.00 min
Lab File: VX011588.D
Acq: 16 Aug 2019 17:58

Tgt Ion: 84 Resp: 68098
Ion Ratio Lower Upper
84 100
49 115.5 92.4 138.6
51 36.5 28.5 42.7
86 67.6 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 18.665 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX011588.D

Acq: 16 Aug 2019 17:58

Instrument :

MSVOA_X

ClientSampleId :

VX0816WBSD01

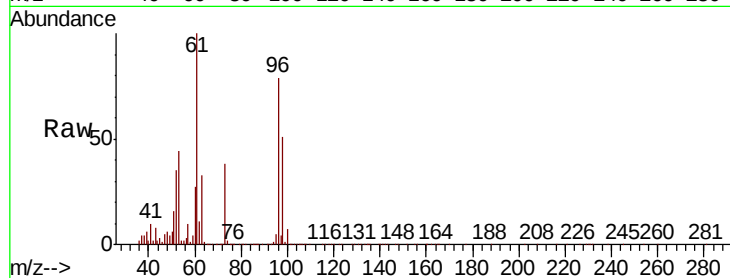
Tgt Ion: 96 Resp: 66620

Ion Ratio Lower Upper

96 100

61 125.7 105.5 158.3

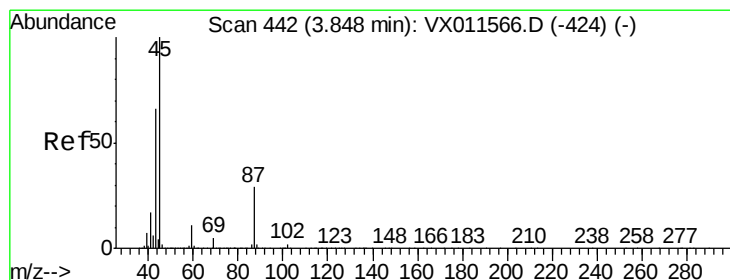
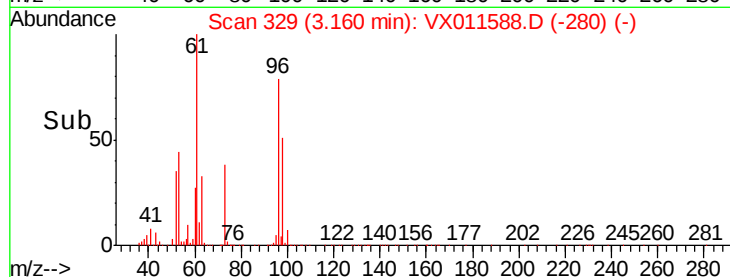
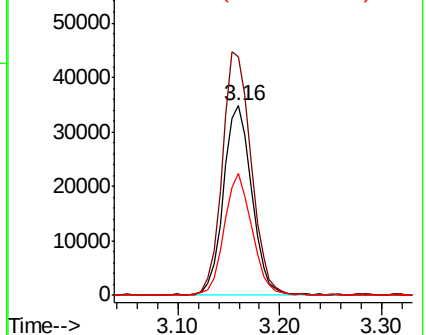
98 63.9 52.6 78.8



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: 18.928 ug/l

RT: 3.85 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX011588.D

Acq: 16 Aug 2019 17:58

Tgt Ion: 45 Resp: 211192

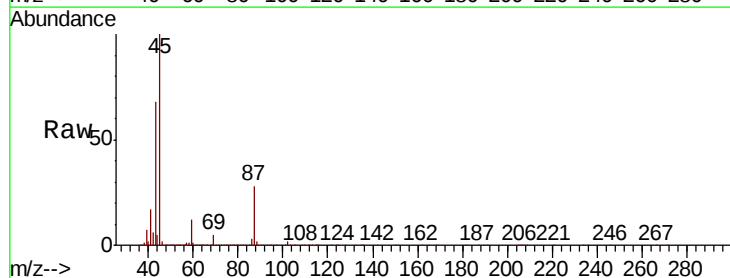
Ion Ratio Lower Upper

45 100

43 67.3 52.7 79.1

87 28.0 23.5 35.3

59 11.4 9.0 13.4

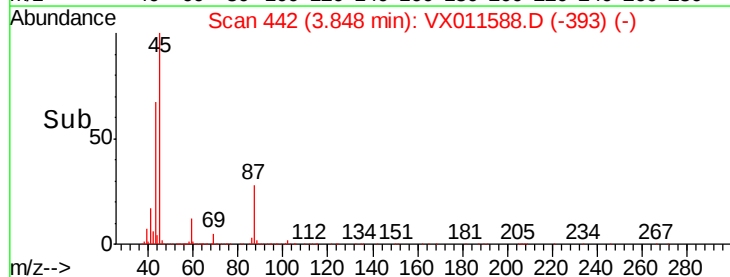
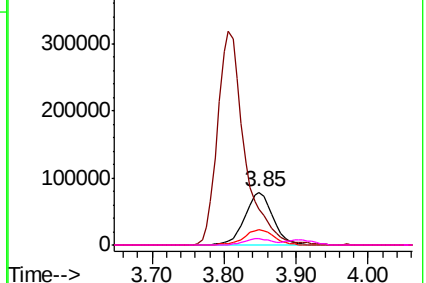


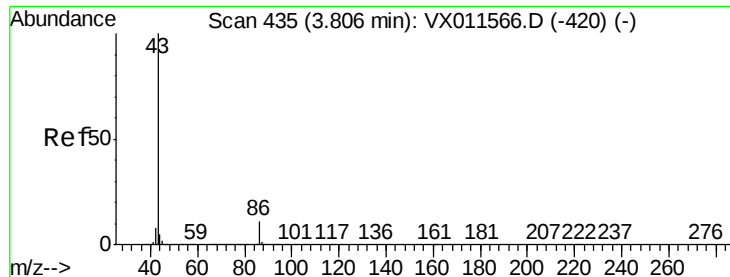
Abundance Ion 45.00 (44.70 to 45.70): VX0

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

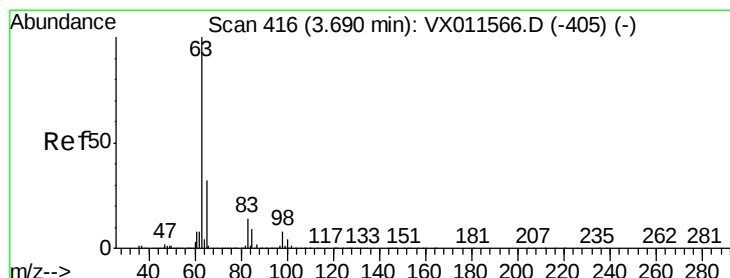
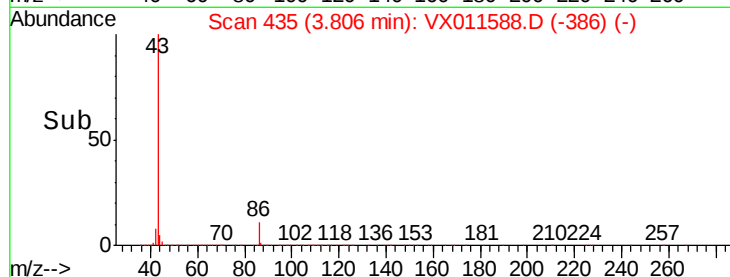
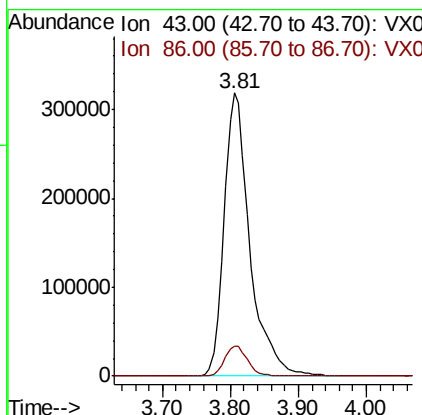
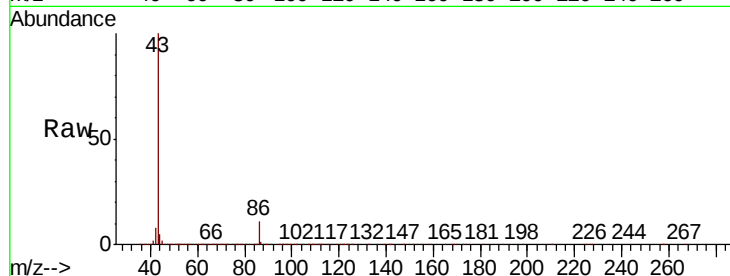




#23
 Vinyl Acetate
 Concen: 94.682 ug/l
 RT: 3.81 min Scan# 435
 Delta R.T. 0.00 min
 Lab File: VX011588.D
 Acq: 16 Aug 2019 17:58

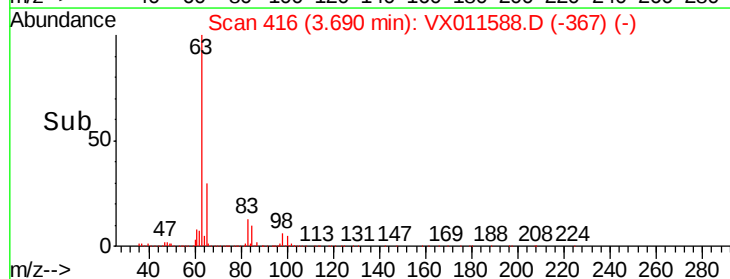
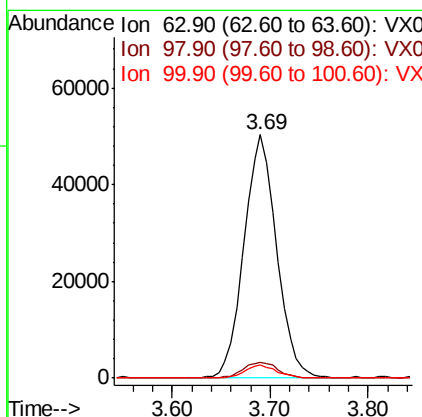
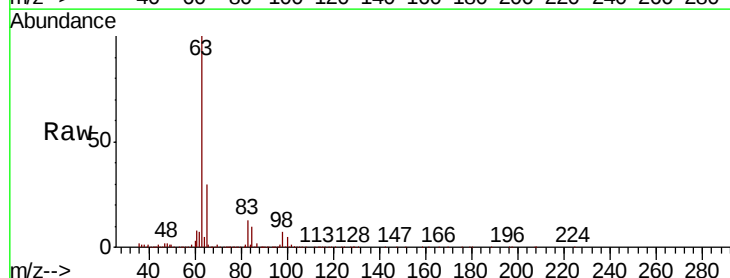
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0816WBSD01

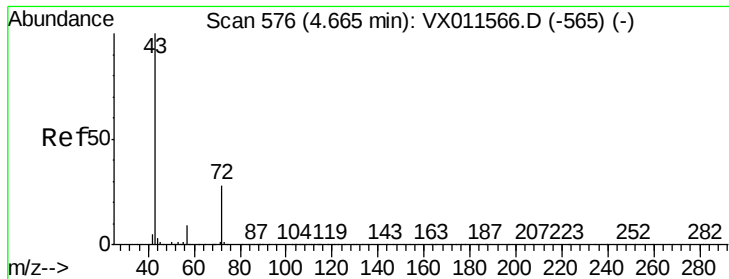
Tgt Ion: 43 Resp: 836571
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 18.426 ug/l
 RT: 3.69 min Scan# 416
 Delta R.T. 0.00 min
 Lab File: VX011588.D
 Acq: 16 Aug 2019 17:58

Tgt Ion: 63 Resp: 116241
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.7 11.1
 100 5.3 2.1 6.3





#25

2-Butanone

Concen: 93.272 ug/l

RT: 4.67 min Scan# 576

Delta R.T. 0.00 min

Lab File: VX011588.D

Acq: 16 Aug 2019 17:58

Instrument :

MSVOA_X

ClientSampleId :

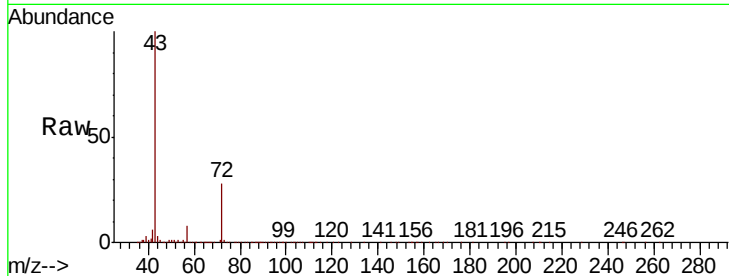
VX0816WBSD01

Tgt Ion: 43 Resp: 269711

Ion Ratio Lower Upper

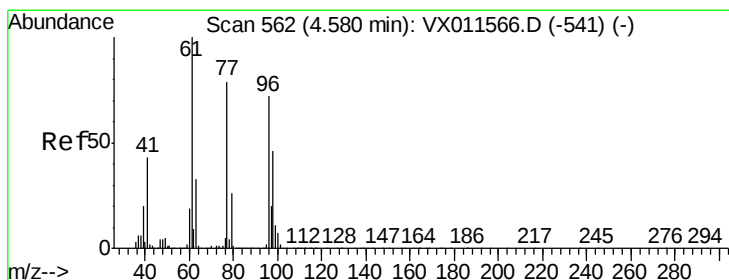
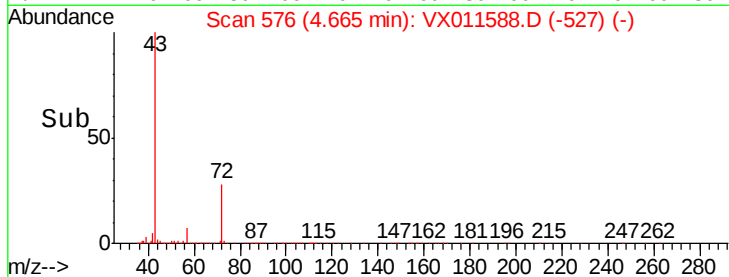
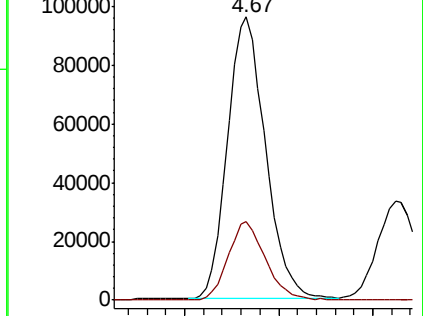
43 100

72 27.5 22.2 33.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 17.404 ug/l

RT: 4.57 min Scan# 561

Delta R.T. -0.01 min

Lab File: VX011588.D

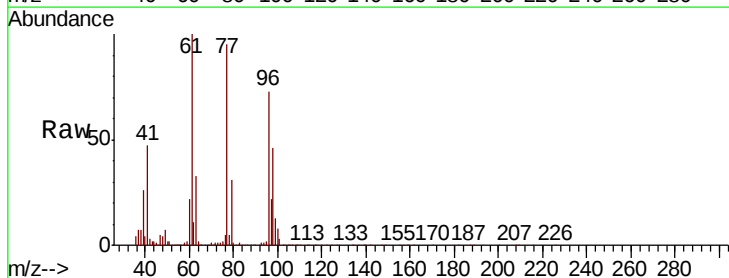
Acq: 16 Aug 2019 17:58

Tgt Ion: 77 Resp: 82637

Ion Ratio Lower Upper

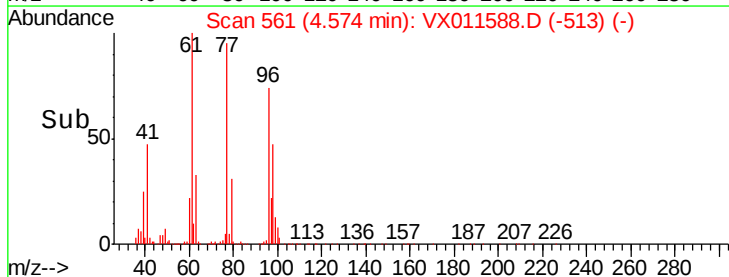
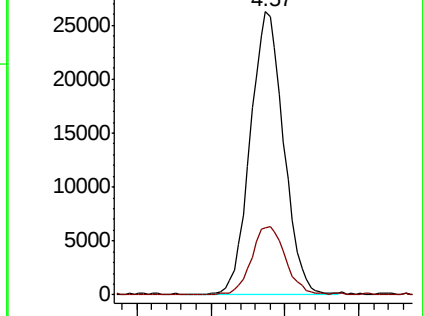
77 100

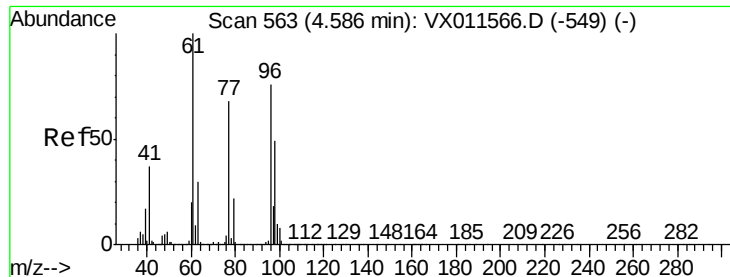
97 24.6 12.4 37.2



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



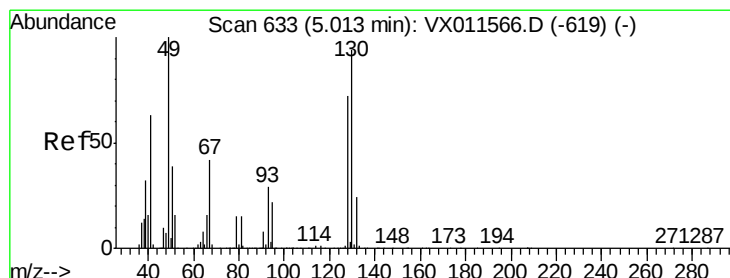
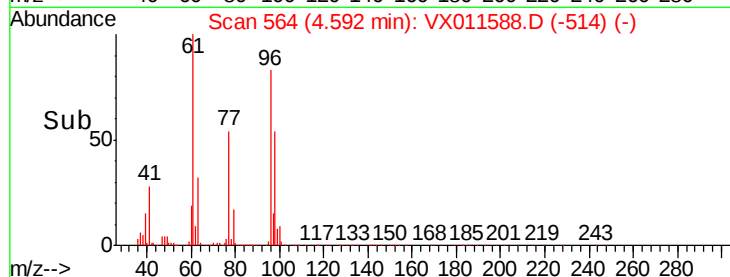
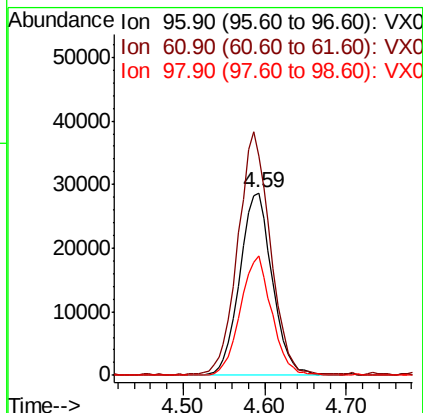
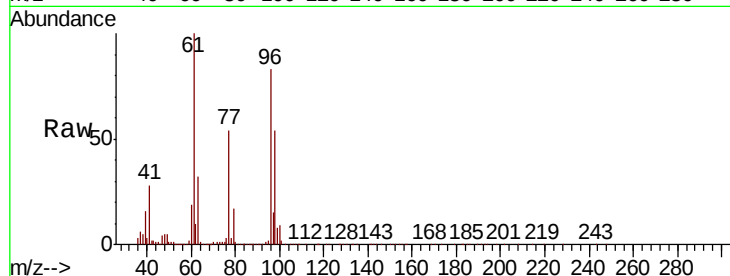


#27

cis-1,2-Dichloroethene
Concen: 18.966 ug/l
RT: 4.59 min Scan# 564
Delta R.T. 0.01 min
Lab File: VX011588.D
Acq: 16 Aug 2019 17:58

Instrument :
MSVOA_X
ClientSampleId :
VX0816WBSD01

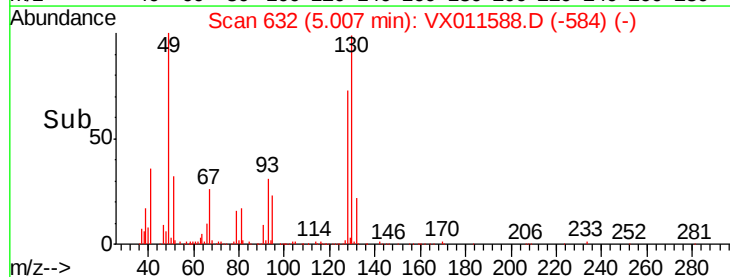
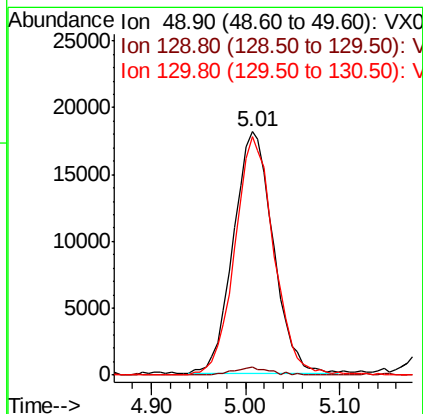
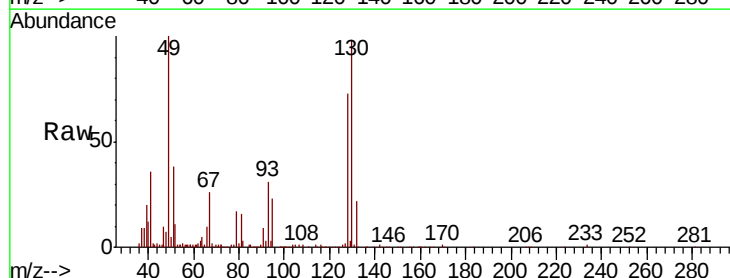
Tgt Ion	Ratio	Lower	Upper
96	100		
61	135.3	0.0	272.6
98	63.9	0.0	129.4

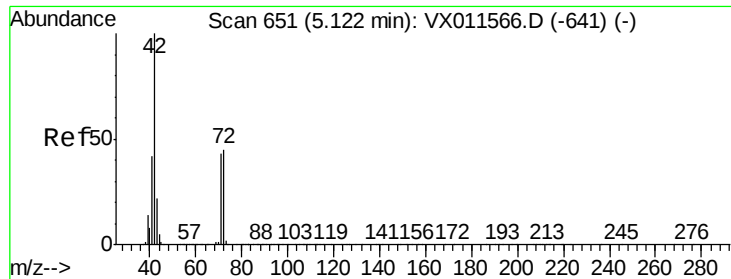


#28

Bromochloromethane
Concen: 19.201 ug/l
RT: 5.01 min Scan# 632
Delta R.T. -0.01 min
Lab File: VX011588.D
Acq: 16 Aug 2019 17:58

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.0	0.0	5.0
130	97.5	76.6	115.0

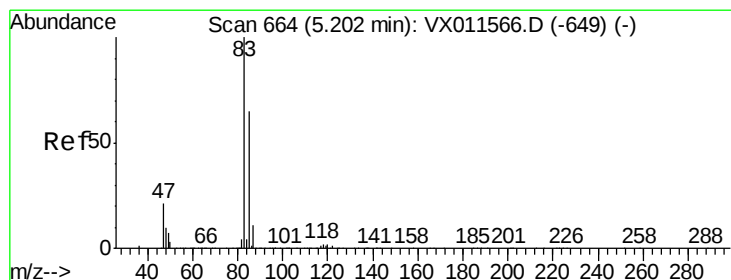
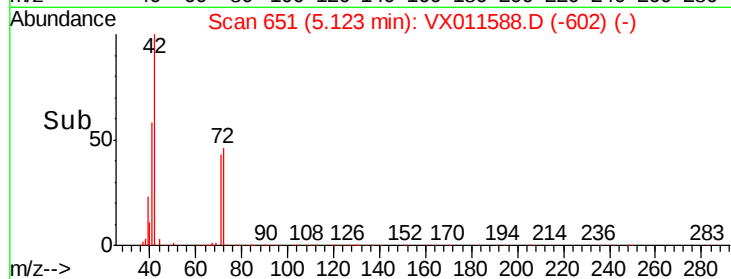
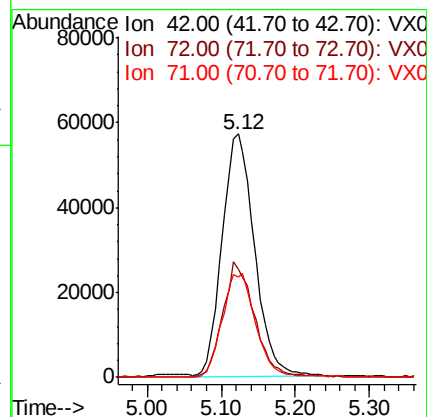
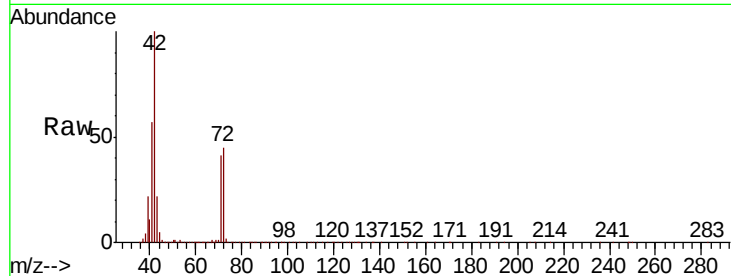




#29
Tetrahydrofuran
Concen: 91.903 ug/l
RT: 5.12 min Scan# 651
Delta R.T. 0.00 min
Lab File: VX011588.D
Acq: 16 Aug 2019 17:58

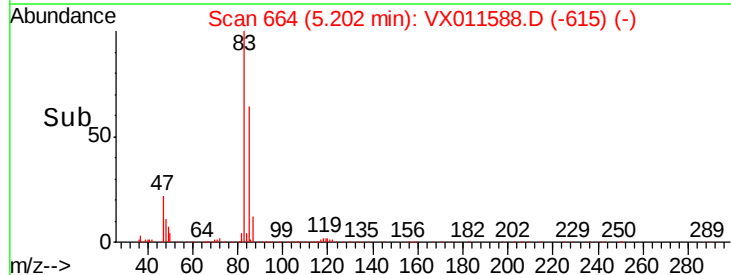
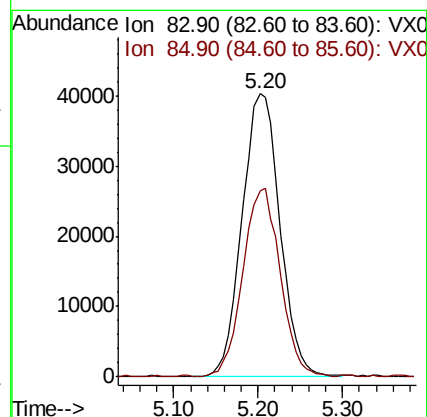
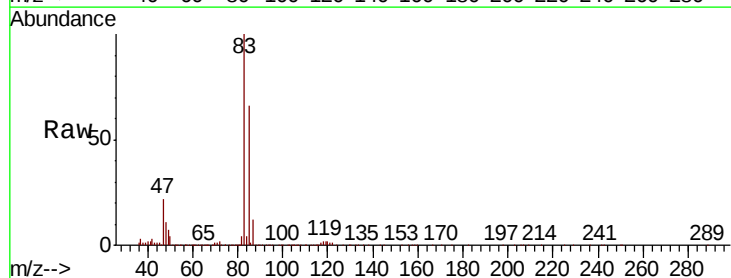
Instrument :
MSVOA_X
ClientSampleId :
VX0816WBSD01

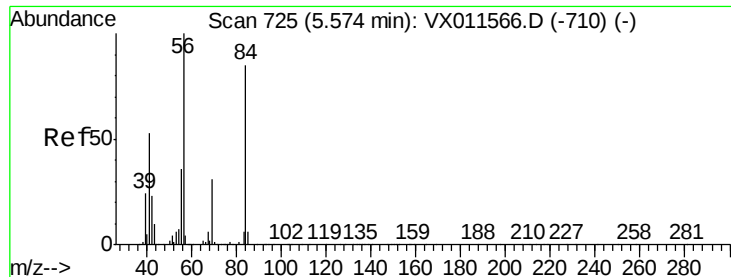
Tgt Ion: 42 Resp: 174326
Ion Ratio Lower Upper
42 100
72 46.1 36.1 54.1
71 43.7 33.8 50.8



#30
Chloroform
Concen: 18.303 ug/l
RT: 5.20 min Scan# 664
Delta R.T. 0.00 min
Lab File: VX011588.D
Acq: 16 Aug 2019 17:58

Tgt Ion: 83 Resp: 121856
Ion Ratio Lower Upper
83 100
85 65.7 51.9 77.9

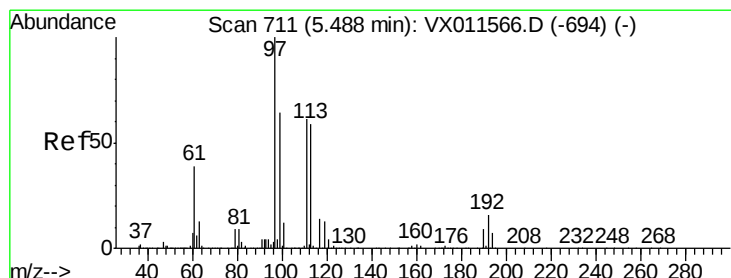
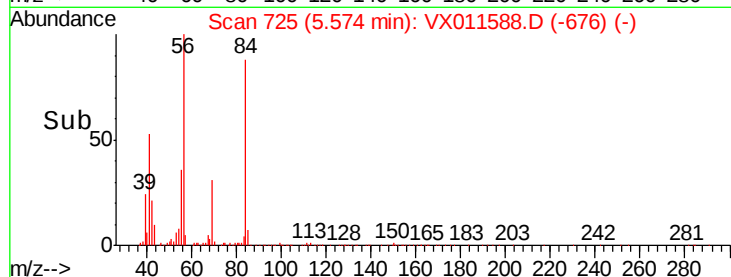
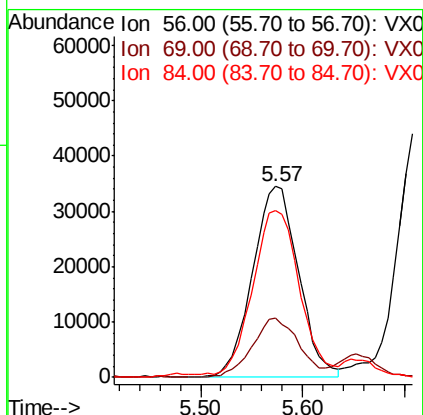
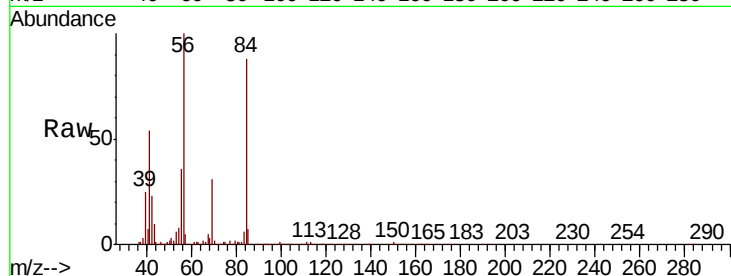




#31
Cyclohexane
Concen: 19.727 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX011588.D
Acq: 16 Aug 2019 17:58

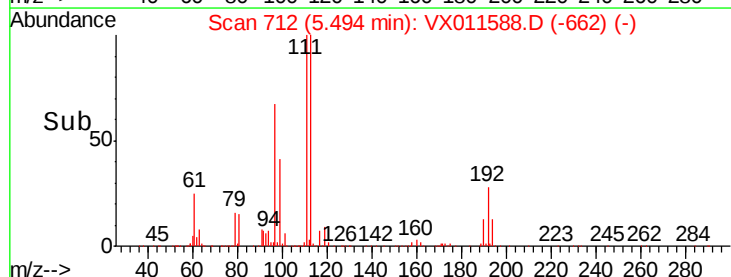
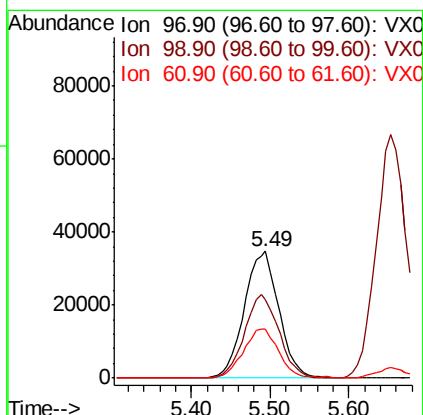
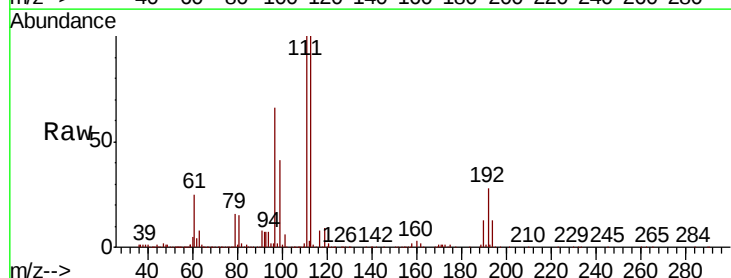
Instrument :
MSVOA_X
ClientSampleId :
VX0816WBSD01

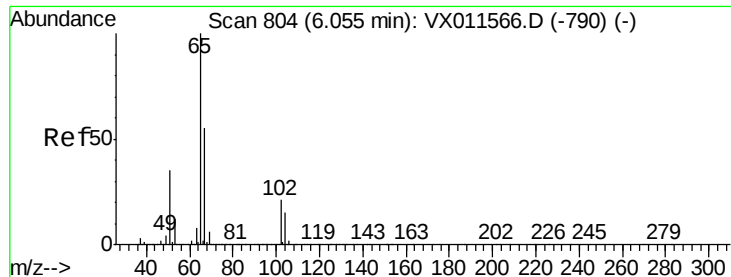
Tgt Ion: 56 Resp: 107151
Ion Ratio Lower Upper
56 100
69 31.2 24.8 37.2
84 86.8 67.9 101.9



#32
1,1,1-Trichloroethane
Concen: 18.522 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.01 min
Lab File: VX011588.D
Acq: 16 Aug 2019 17:58

Tgt Ion: 97 Resp: 106032
Ion Ratio Lower Upper
97 100
99 65.3 51.4 77.0
61 39.1 31.4 47.2





#33

1,2-Dichloroethane-d4

Concen: 44.060 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011588.D

Acq: 16 Aug 2019 17:58

Instrument :

MSVOA_X

ClientSampleId :

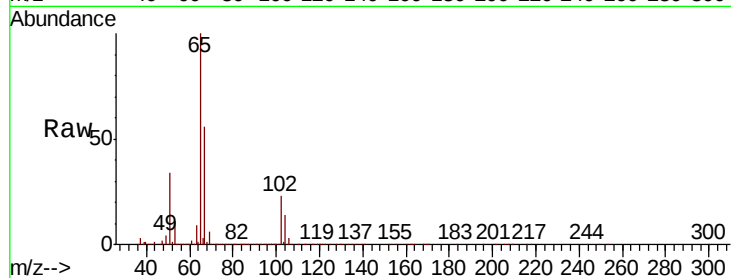
VX0816WBSD01

Tgt Ion: 65 Resp: 161400

Ion Ratio Lower Upper

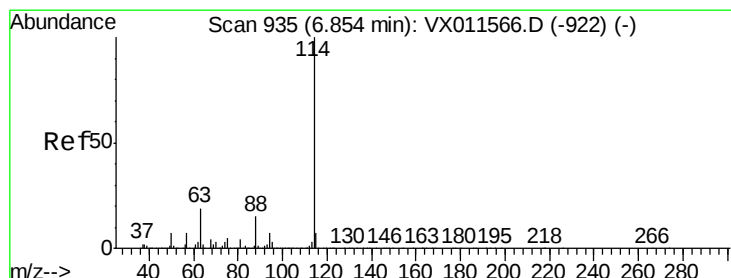
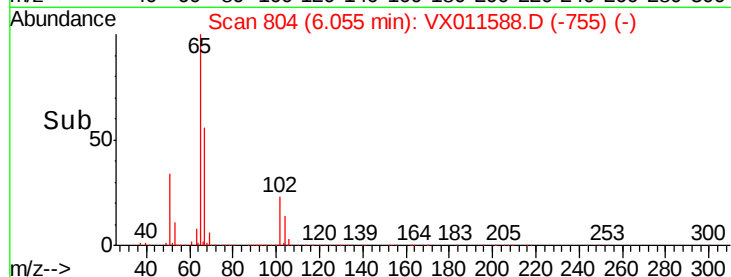
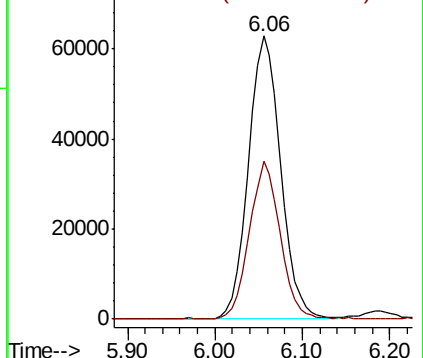
65 100

67 53.3 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. 0.00 min

Lab File: VX011588.D

Acq: 16 Aug 2019 17:58

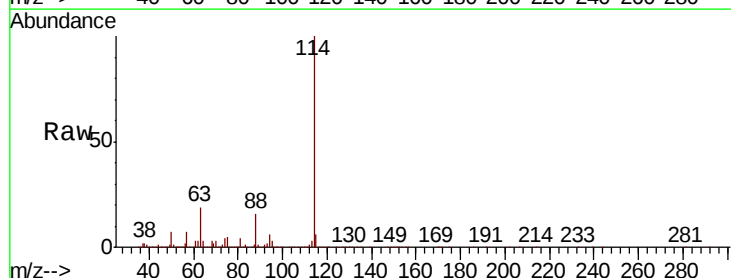
Tgt Ion: 114 Resp: 552227

Ion Ratio Lower Upper

114 100

63 18.5 0.0 37.8

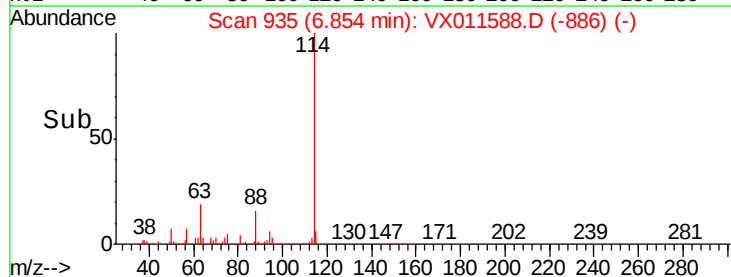
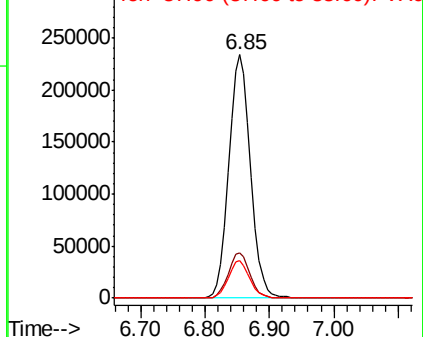
88 15.6 0.0 30.2

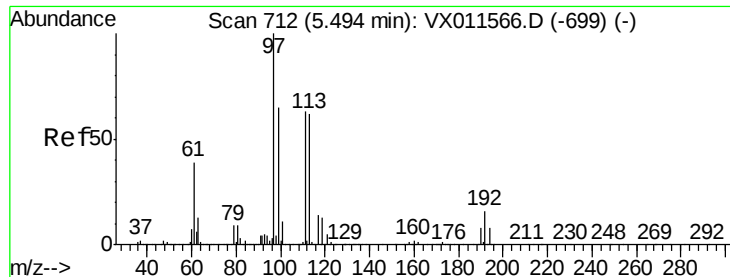


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

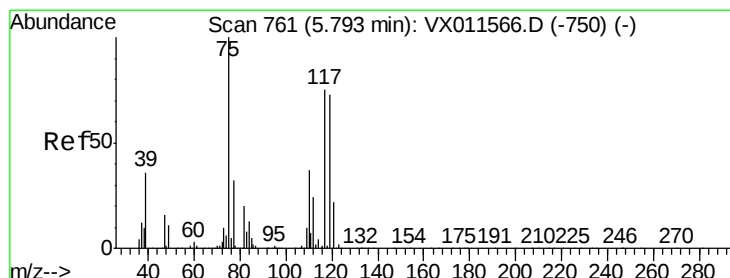
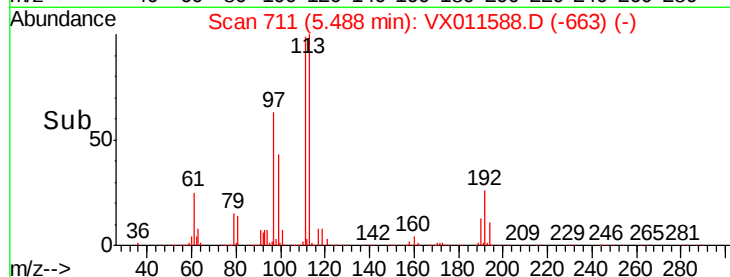
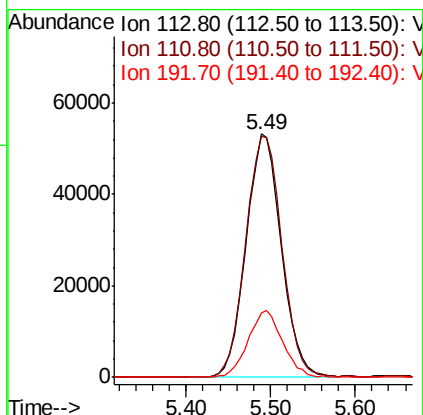
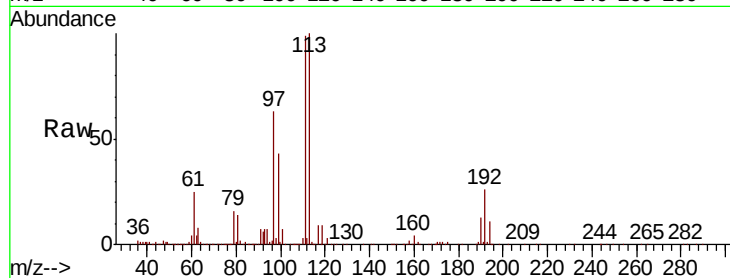




#35
 Dibromofluoromethane
 Concen: 41.760 ug/l
 RT: 5.49 min Scan# 711
 Delta R.T. -0.01 min
 Lab File: VX011588.D
 Acq: 16 Aug 2019 17:58

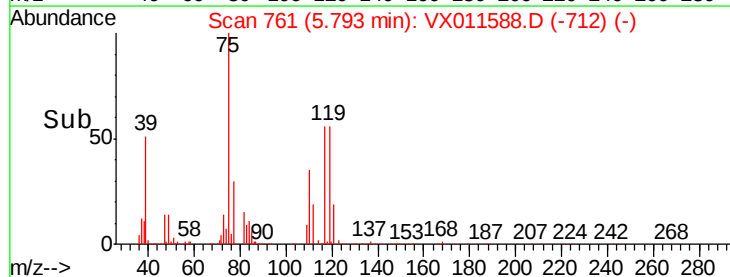
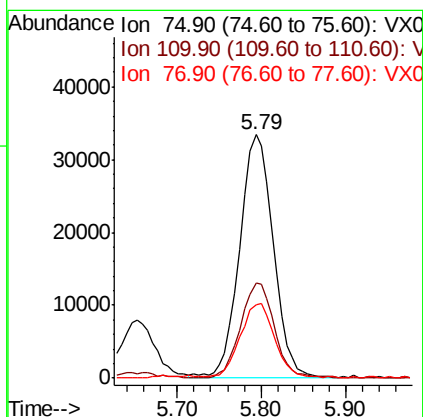
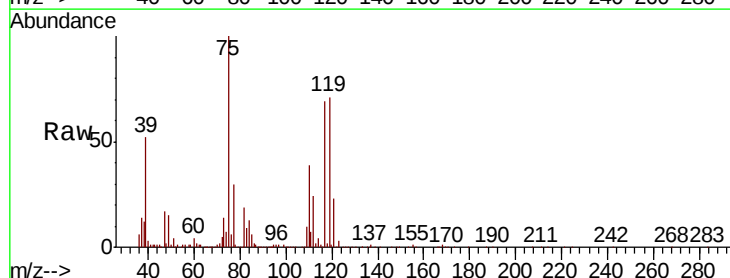
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0816WBSD01

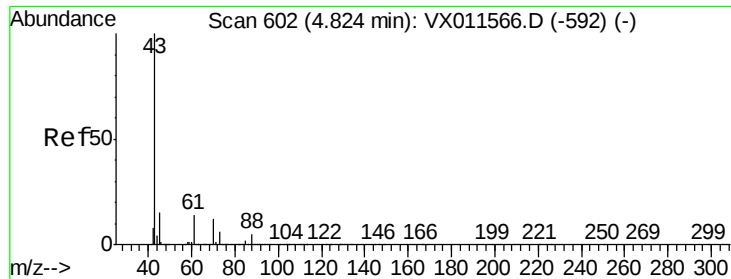
Tgt Ion:113 Resp: 150833
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.1 121.7
 192 27.0 20.8 31.2



#36
 1,1-Dichloropropene
 Concen: 18.919 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. 0.00 min
 Lab File: VX011588.D
 Acq: 16 Aug 2019 17:58

Tgt Ion: 75 Resp: 89326
 Ion Ratio Lower Upper
 75 100
 110 39.8 19.4 58.1
 77 31.0 25.1 37.7

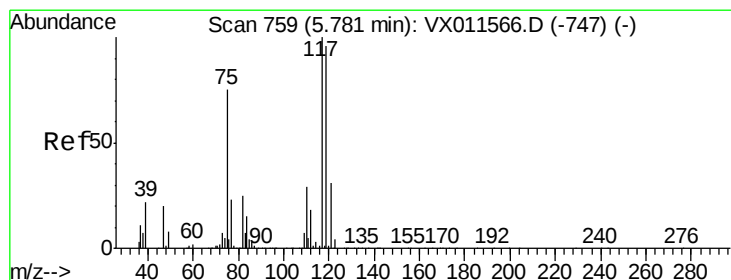
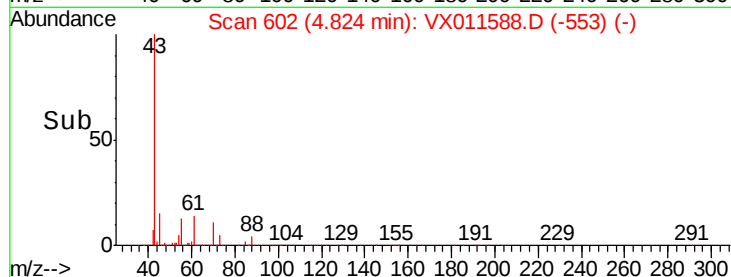
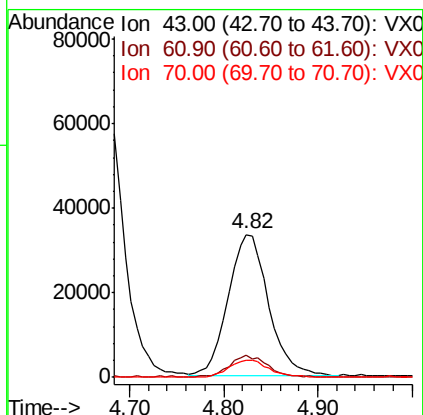
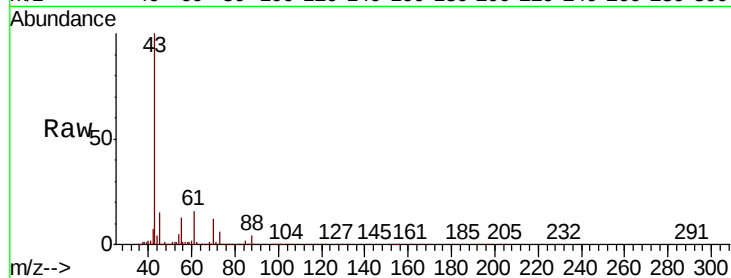




#37
Ethyl Acetate
Concen: 18.165 ug/l
RT: 4.82 min Scan# 602
Delta R.T. 0.00 min
Lab File: VX011588.D
Acq: 16 Aug 2019 17:58

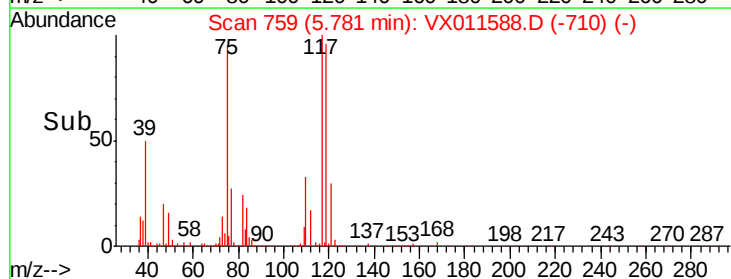
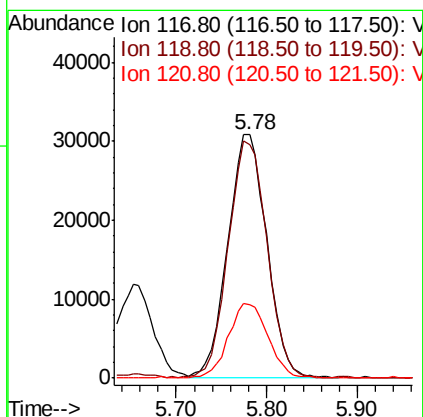
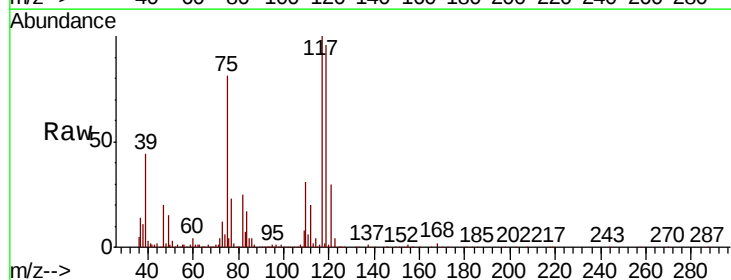
Instrument :
MSVOA_X
ClientSampleId :
VX0816WBSD01

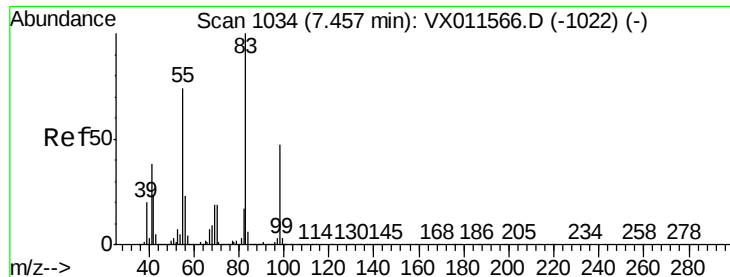
Tgt Ion: 43 Resp: 98647
Ion Ratio Lower Upper
43 100
61 14.4 11.4 17.0
70 12.3 9.0 13.6



#38
Carbon Tetrachloride
Concen: 17.619 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX011588.D
Acq: 16 Aug 2019 17:58

Tgt Ion: 117 Resp: 91652
Ion Ratio Lower Upper
117 100
119 95.6 76.9 115.3
121 29.9 24.8 37.2

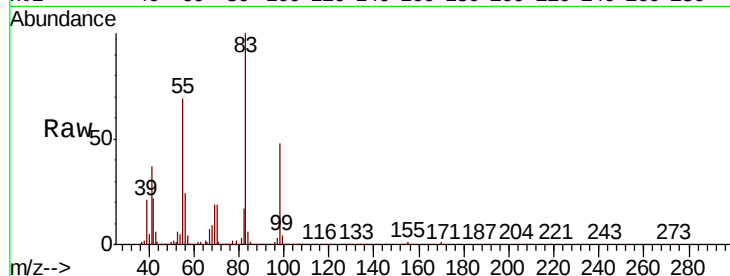




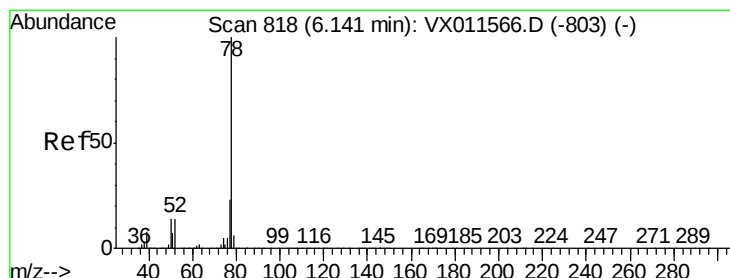
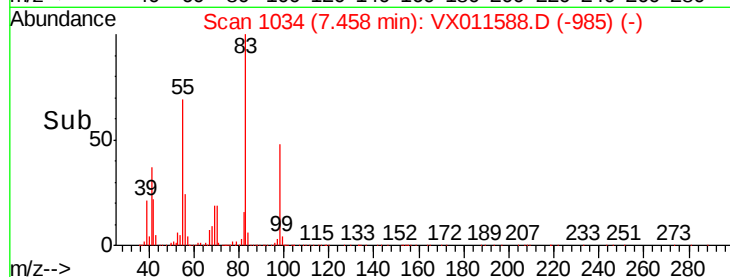
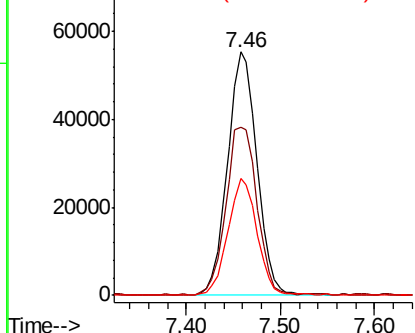
#39
Methylcyclohexane
Concen: 20.515 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX011588.D
Acq: 16 Aug 2019 17:58

Instrument :
MSVOA_X
ClientSampleId :
VX0816WBSD01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	68.6	58.8	88.2
98	47.7	37.8	56.6

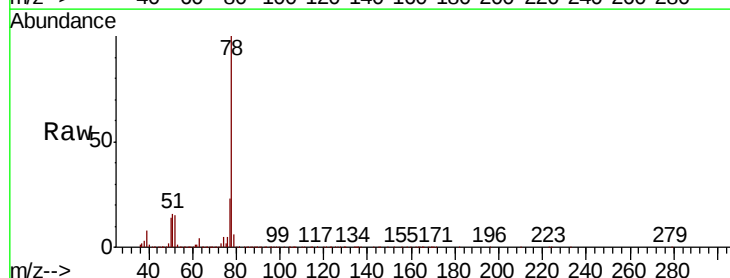


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

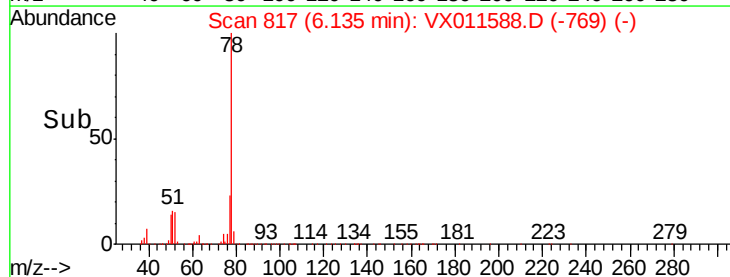
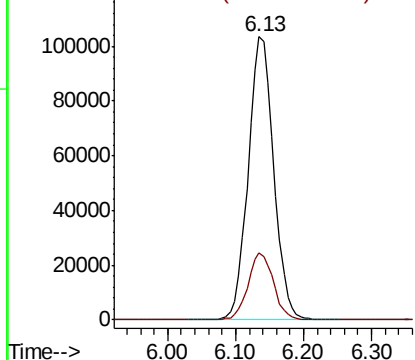


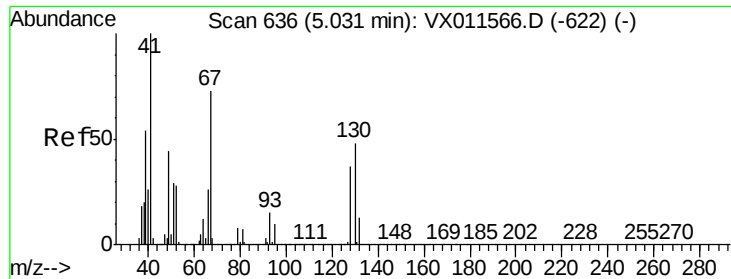
#40
Benzene
Concen: 18.418 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX011588.D
Acq: 16 Aug 2019 17:58

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.6	28.0



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

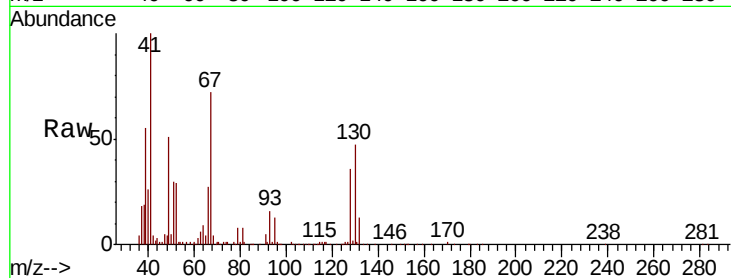




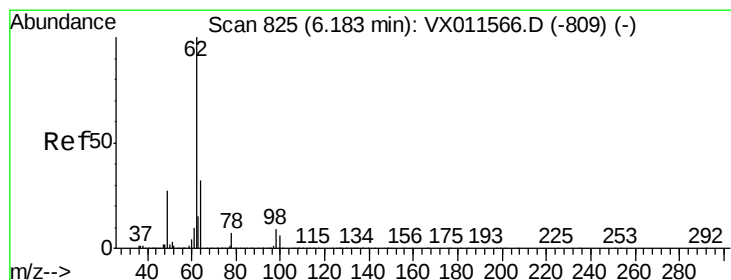
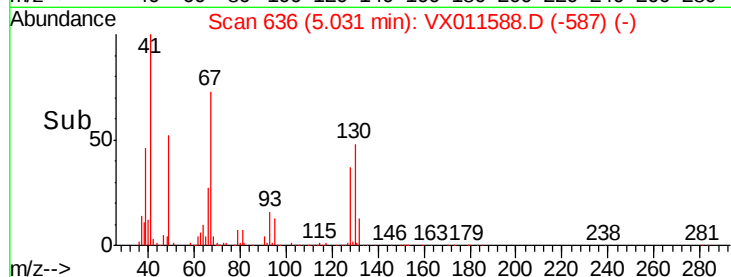
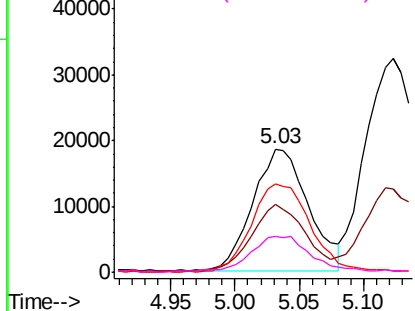
#41
Methacrylonitrile
Concen: 18.485 ug/l
RT: 5.03 min Scan# 636
Delta R.T. 0.00 min
Lab File: VX011588.D
Acq: 16 Aug 2019 17:58

Instrument :
MSVOA_X
ClientSampleId :
VX0816WBSD01

Tgt Ion:	41	Resp:	55249
Ion	Ratio	Lower	Upper
41	100		
39	52.7	43.5	65.3
67	78.9	59.4	89.2
52	30.0	23.4	35.2

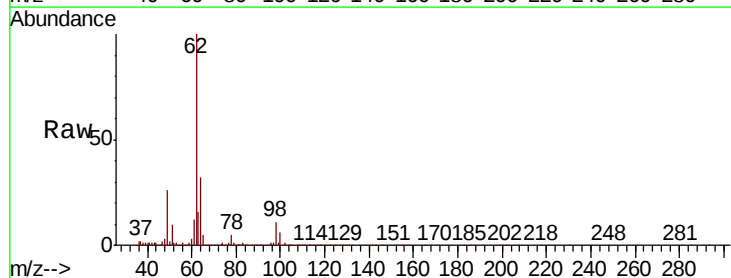


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

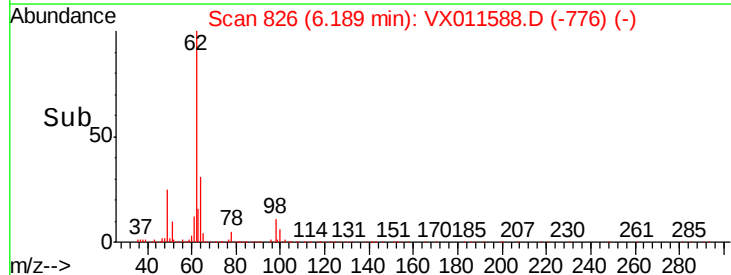
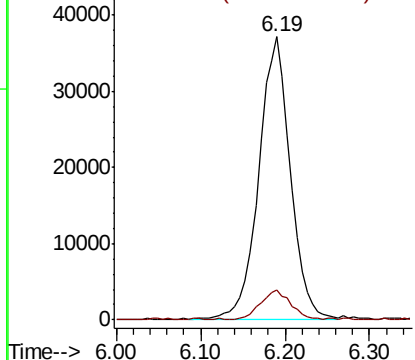


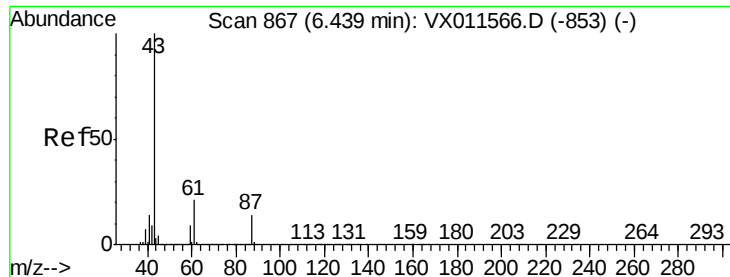
#42
1,2-Dichloroethane
Concen: 18.639 ug/l
RT: 6.19 min Scan# 826
Delta R.T. 0.01 min
Lab File: VX011588.D
Acq: 16 Aug 2019 17:58

Tgt Ion:	62	Resp:	94750
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	19.4



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 18.572 ug/l

RT: 6.44 min Scan# 867

Delta R.T. 0.00 min

Lab File: VX011588.D

Acq: 16 Aug 2019 17:58

Instrument :

MSVOA_X

ClientSampleId :

VX0816WBSD01

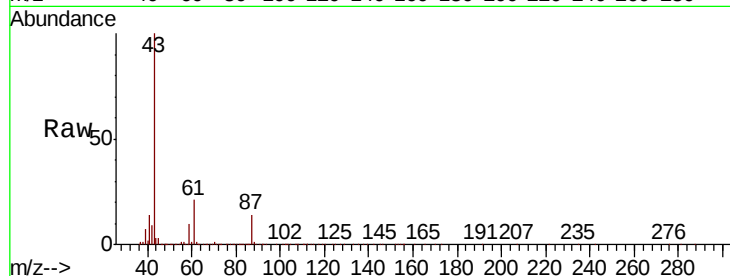
Tgt Ion: 43 Resp: 157396

Ion Ratio Lower Upper

43 100

61 21.0 16.6 24.8

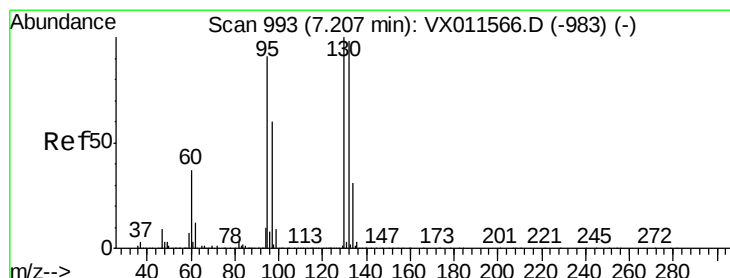
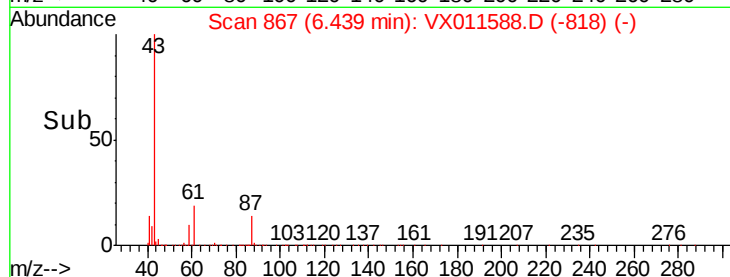
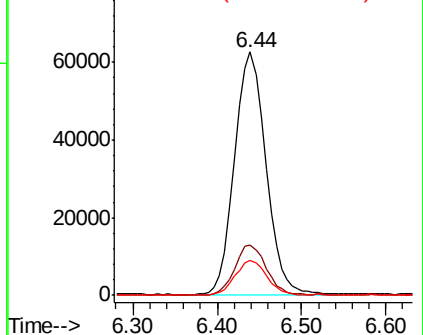
87 14.8 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 19.089 ug/l

RT: 7.21 min Scan# 993

Delta R.T. 0.00 min

Lab File: VX011588.D

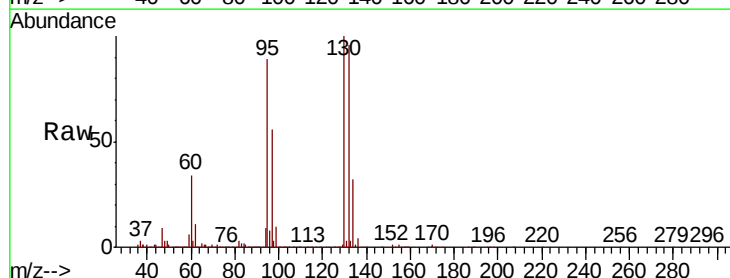
Acq: 16 Aug 2019 17:58

Tgt Ion: 130 Resp: 83085

Ion Ratio Lower Upper

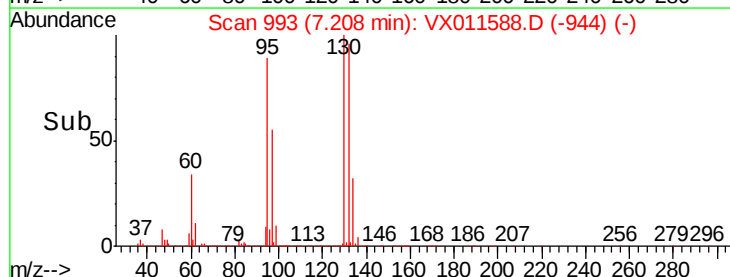
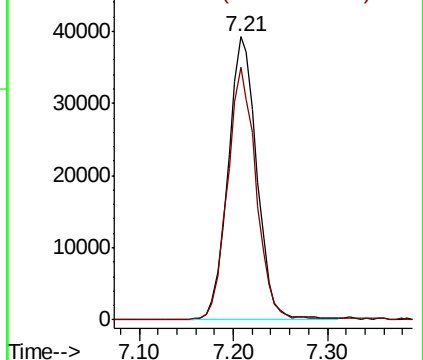
130 100

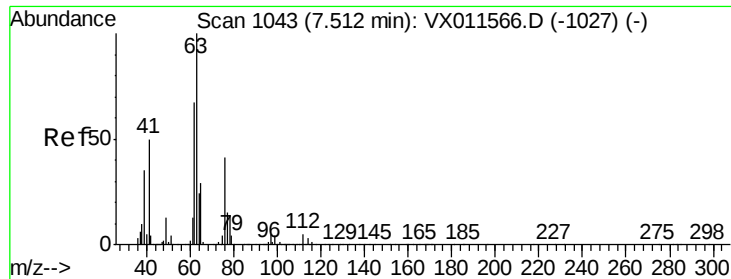
95 89.1 0.0 181.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

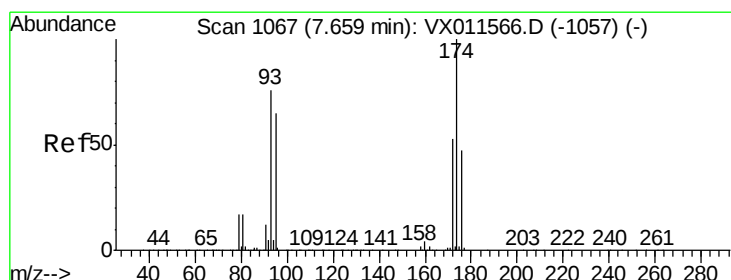
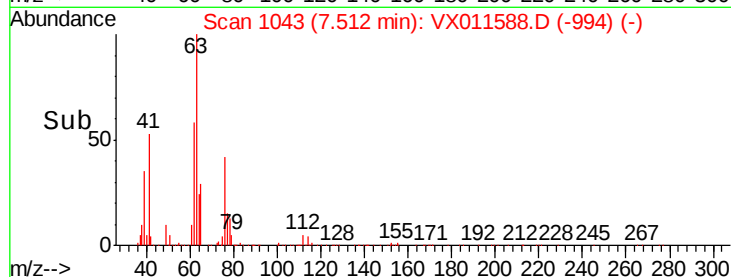
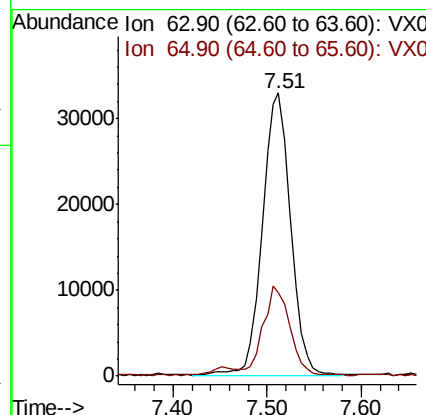
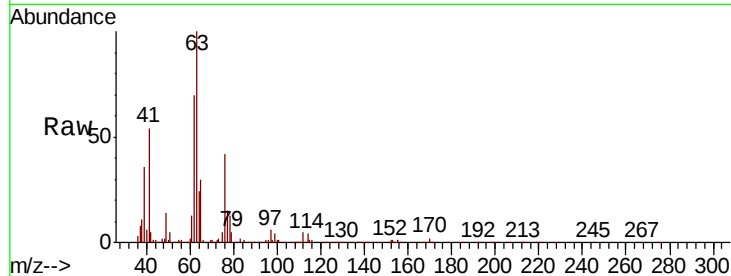




#45
 1,2-Dichloropropane
 Concen: 18.867 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX011588.D
 Acq: 16 Aug 2019 17:58

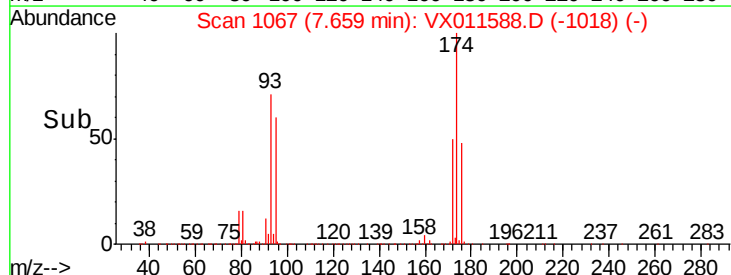
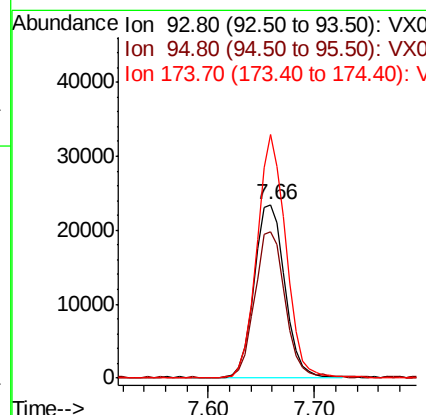
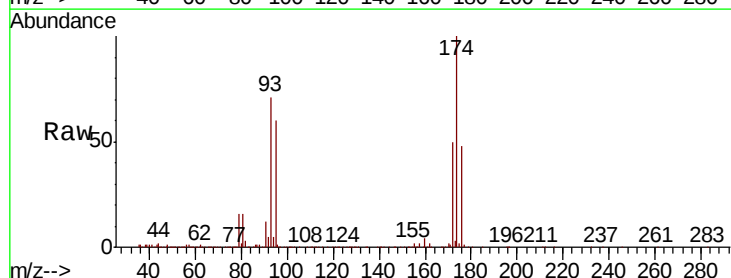
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0816WBSD01

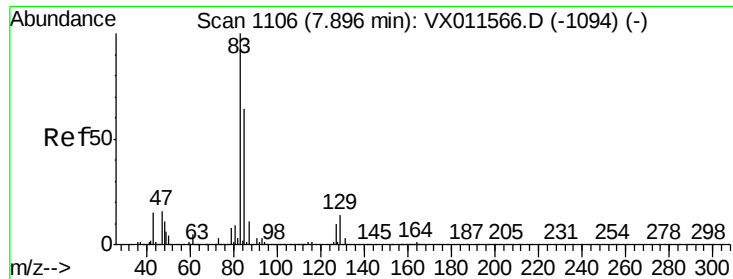
Tgt Ion: 63 Resp: 69036
 Ion Ratio Lower Upper
 63 100
 65 29.5 23.4 35.2



#46
 Dibromomethane
 Concen: 17.836 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX011588.D
 Acq: 16 Aug 2019 17:58

Tgt Ion: 93 Resp: 47427
 Ion Ratio Lower Upper
 93 100
 95 83.3 67.2 100.8
 174 131.7 105.5 158.3





#47

Bromodichloromethane

Concen: 17.533 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX011588.D

Acq: 16 Aug 2019 17:58

Instrument :

MSVOA_X

ClientSampleId :

VX0816WBSD01

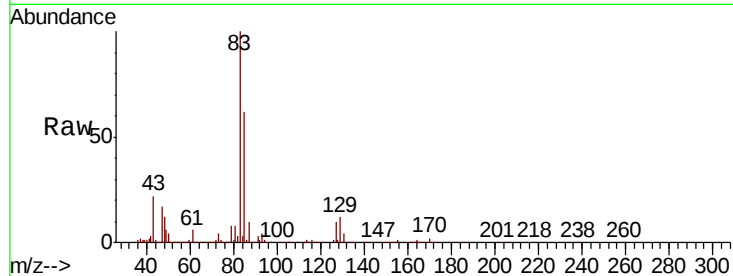
Tgt Ion: 83 Resp: 85603

Ion Ratio Lower Upper

83 100

85 62.2 51.2 76.8

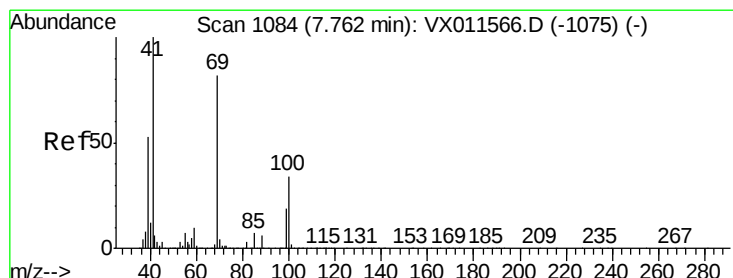
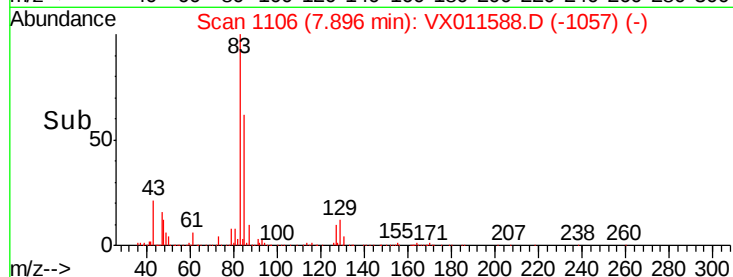
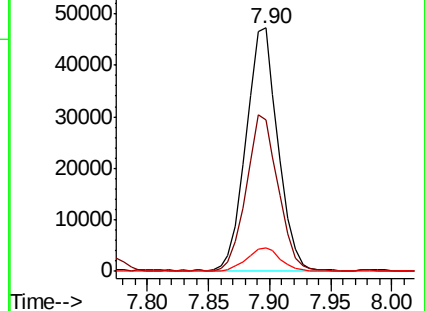
127 9.6 8.1 12.1



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: 18.901 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.01 min

Lab File: VX011588.D

Acq: 16 Aug 2019 17:58

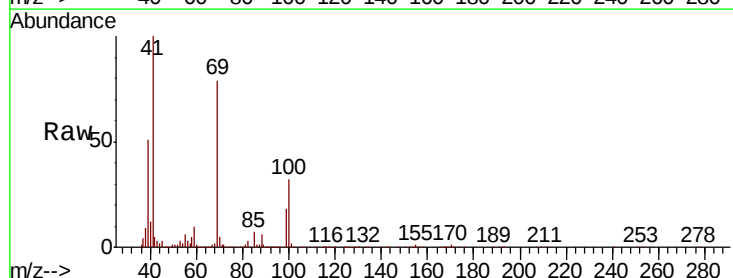
Tgt Ion: 41 Resp: 79328

Ion Ratio Lower Upper

41 100

69 86.4 67.9 101.9

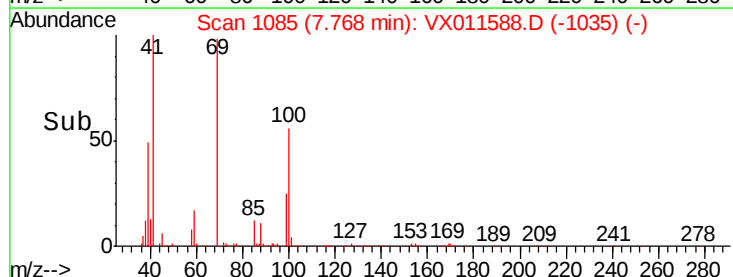
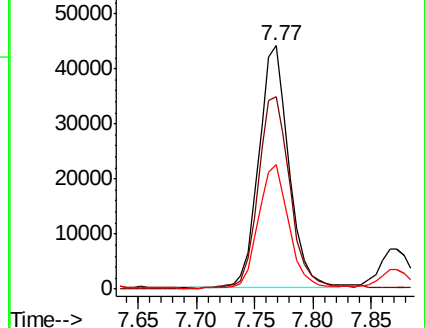
39 51.8 41.6 62.4

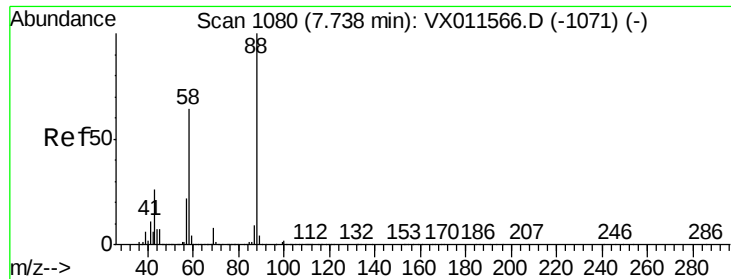


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

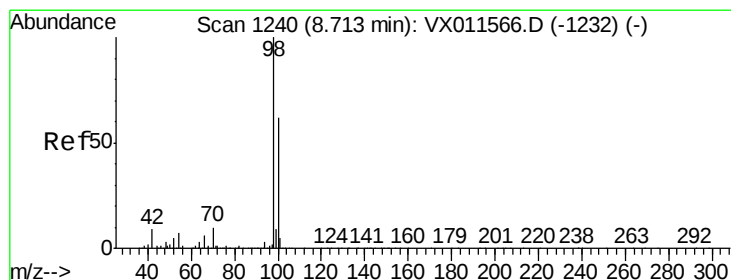
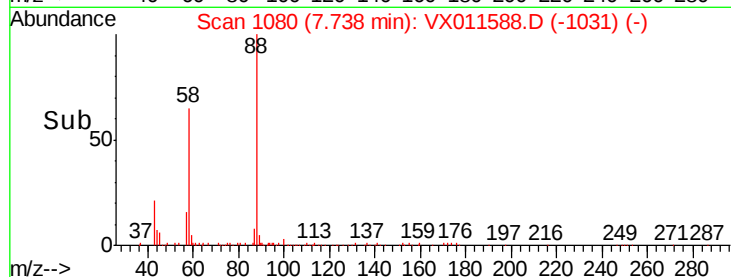
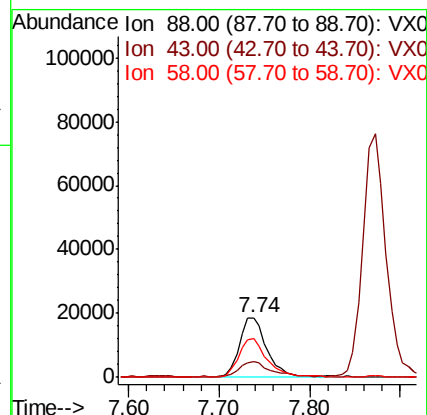
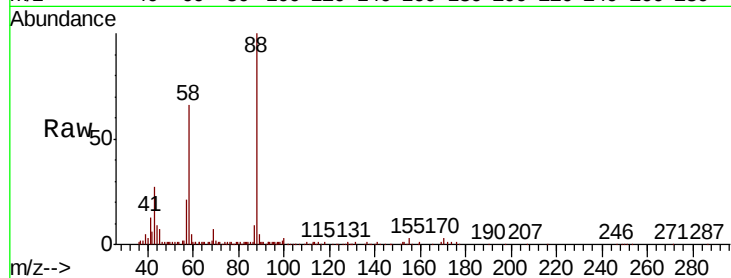




#49
1,4-Dioxane
Concen: 356.392 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX011588.D
Acq: 16 Aug 2019 17:58

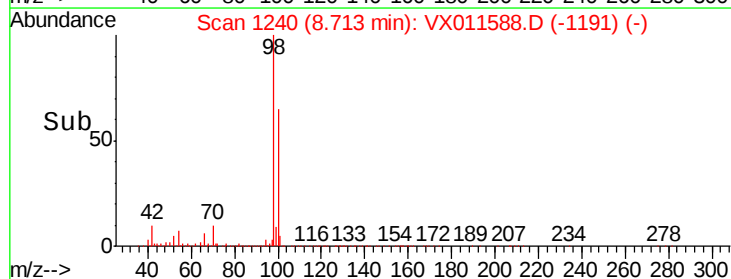
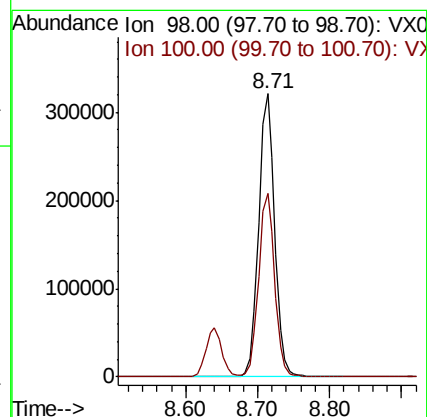
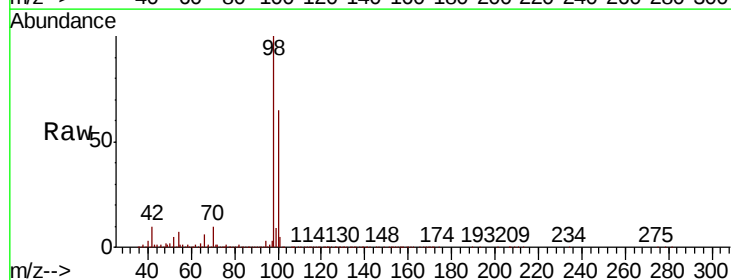
Instrument :
MSVOA_X
ClientSampleId :
VX0816WBSD01

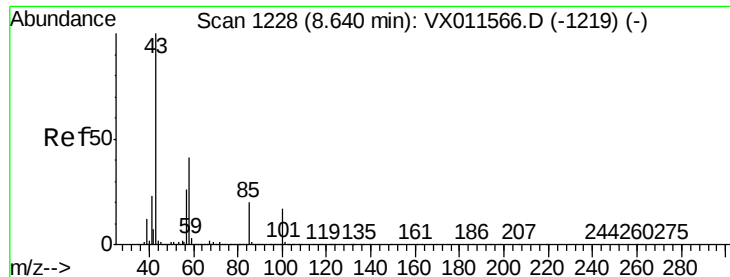
Tgt Ion: 88 Resp: 39784
Ion Ratio Lower Upper
88 100
43 29.5 23.4 35.0
58 66.3 54.3 81.5



#50
Toluene-d8
Concen: 44.387 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011588.D
Acq: 16 Aug 2019 17:58

Tgt Ion: 98 Resp: 499540
Ion Ratio Lower Upper
98 100
100 65.1 52.4 78.6

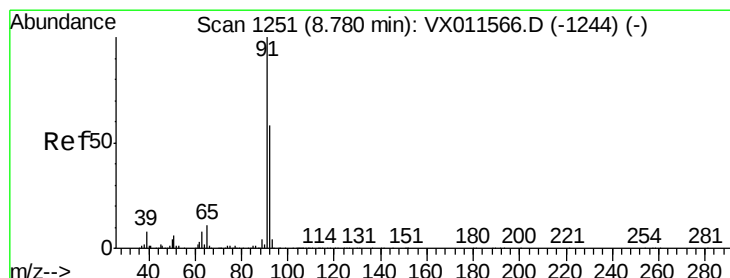
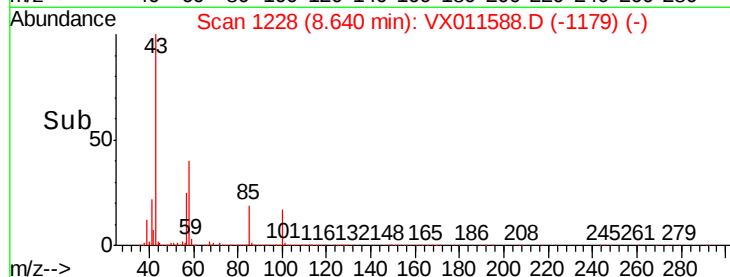
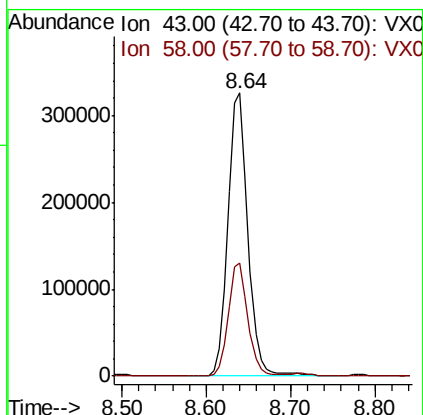
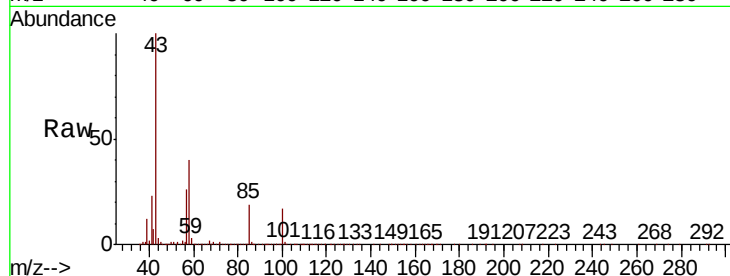




#51
 4-Methyl-2-Pentanone
 Concen: 94.904 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VX011588.D
 Acq: 16 Aug 2019 17:58

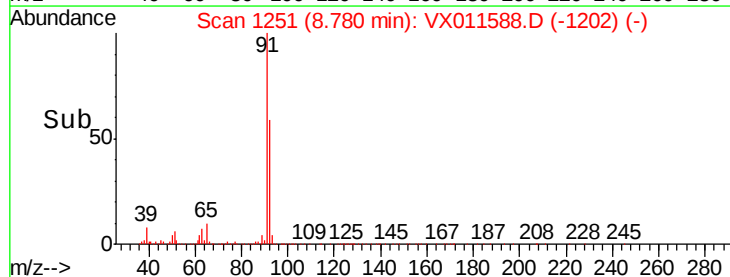
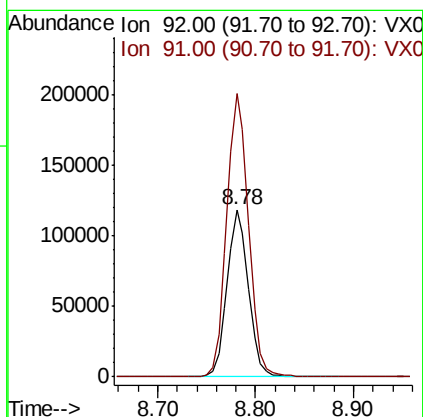
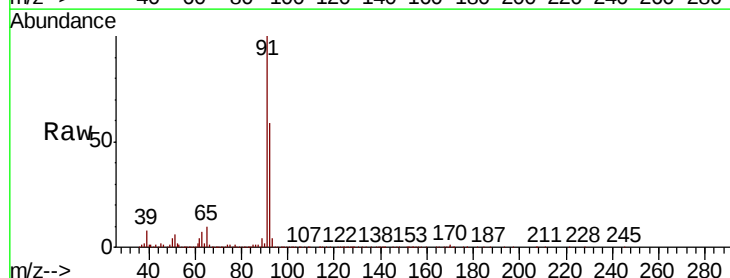
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0816WBSD01

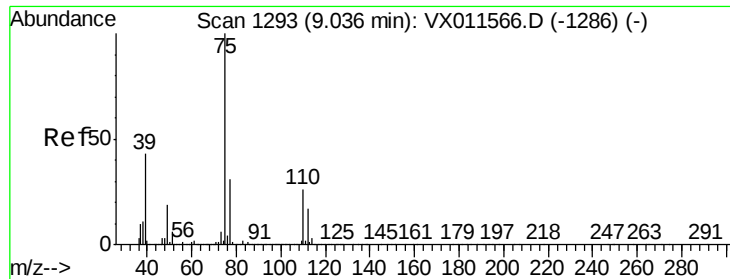
Tgt Ion: 43 Resp: 526458
 Ion Ratio Lower Upper
 43 100
 58 39.0 31.8 47.6



#52
 Toluene
 Concen: 19.116 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: VX011588.D
 Acq: 16 Aug 2019 17:58

Tgt Ion: 92 Resp: 178690
 Ion Ratio Lower Upper
 92 100
 91 173.5 138.0 207.0

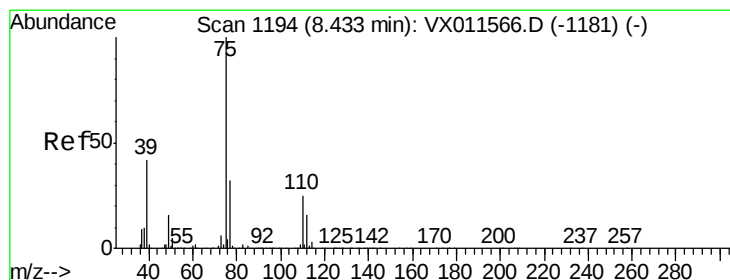
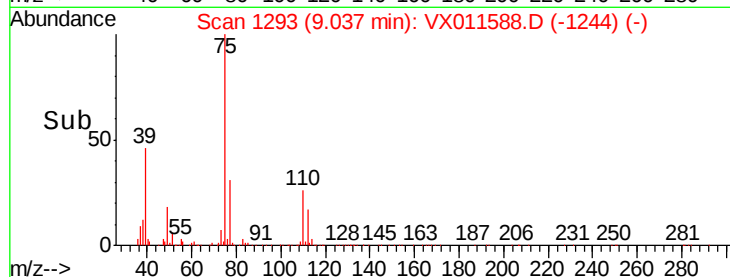
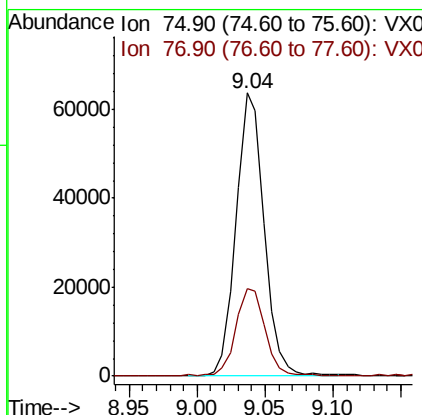
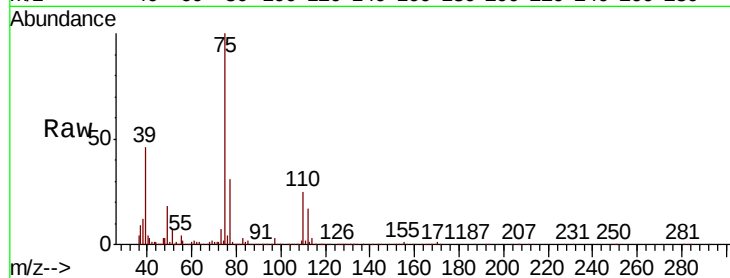




#53
 t-1,3-Dichloropropene
 Concen: 17.974 ug/l
 RT: 9.04 min Scan# 1293
 Delta R.T. 0.00 min
 Lab File: VX011588.D
 Acq: 16 Aug 2019 17:58

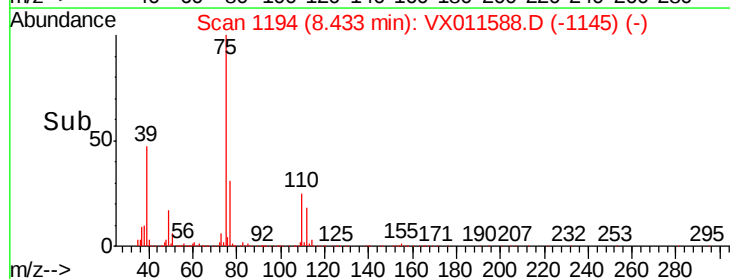
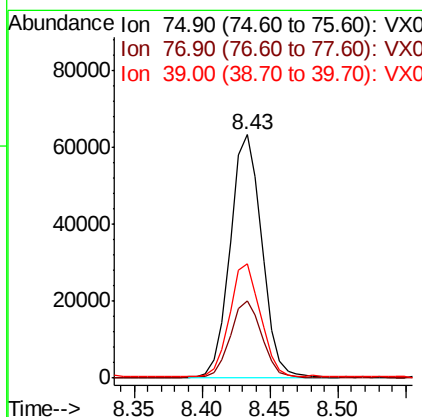
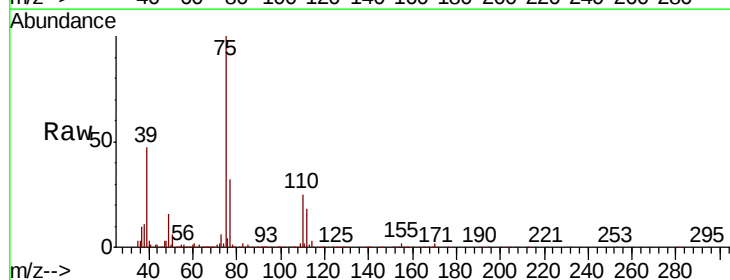
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0816WBSD01

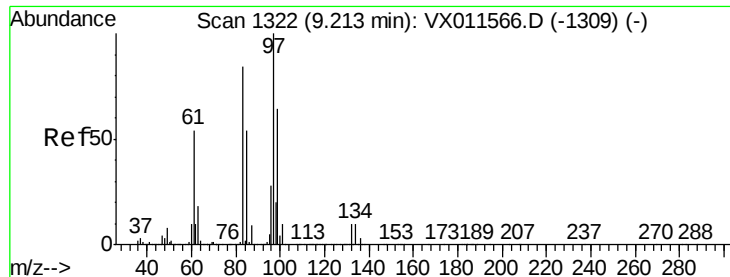
Tgt Ion: 75 Resp: 91075
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 18.464 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX011588.D
 Acq: 16 Aug 2019 17:58

Tgt Ion: 75 Resp: 102388
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.5 38.3
 39 46.3 33.6 50.4

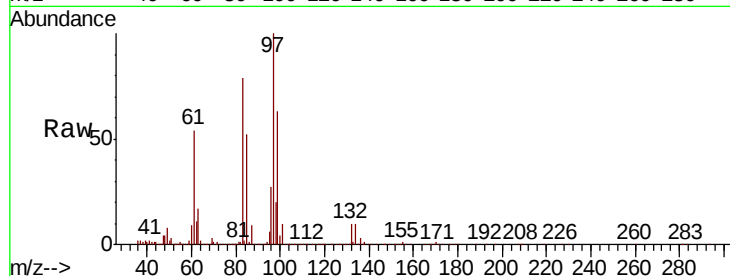




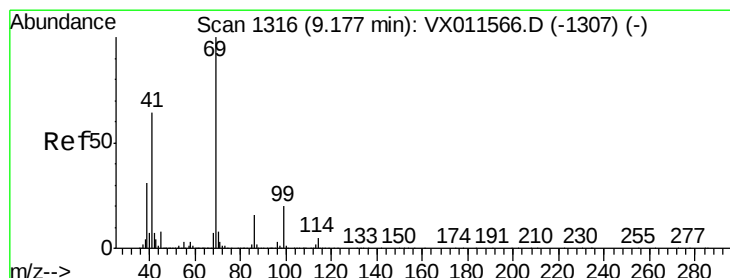
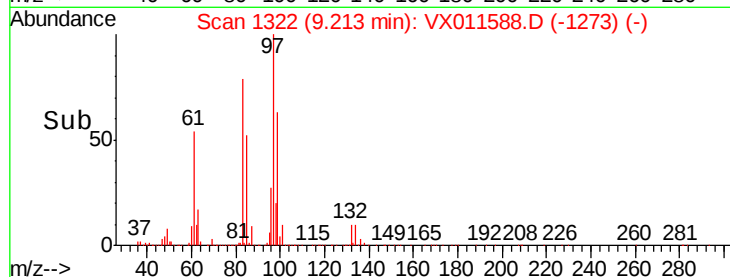
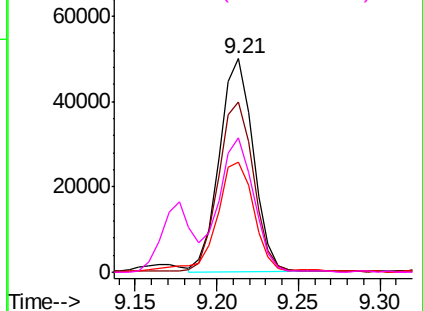
#55
 1,1,2-Trichloroethane
 Concen: 18.194 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX011588.D
 Acq: 16 Aug 2019 17:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0816WBSD01

Tgt Ion:	97	Resp:	72322
Ion	Ratio	Lower	Upper
97	100		
83	79.4	67.4	101.0
85	51.0	43.4	65.2
99	62.8	51.1	76.7

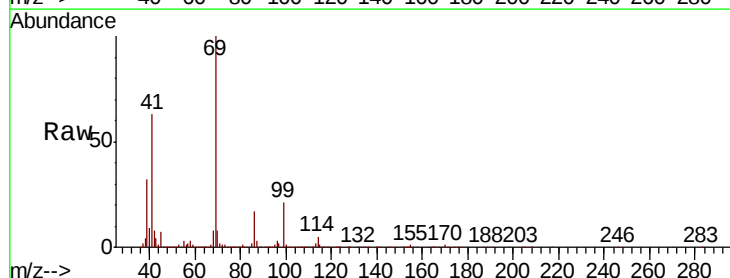


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

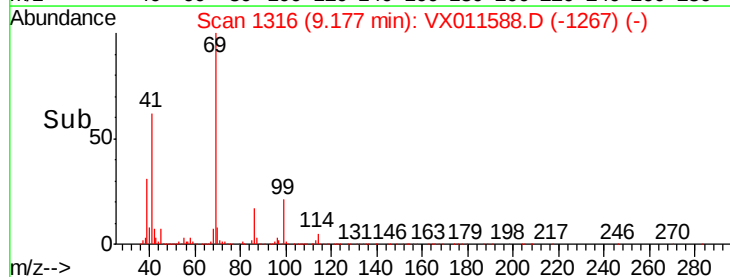
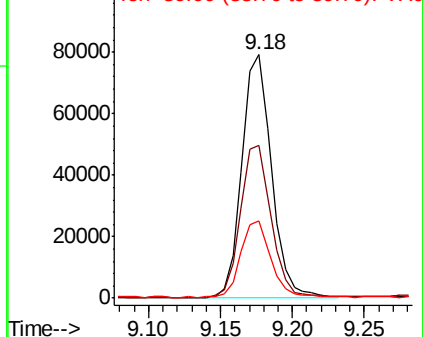


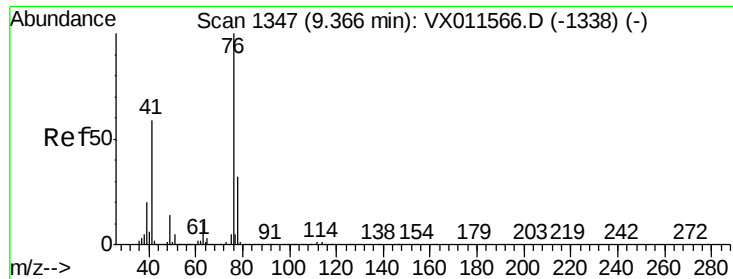
#56
 Ethyl methacrylate
 Concen: 19.535 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX011588.D
 Acq: 16 Aug 2019 17:58

Tgt Ion:	69	Resp:	112866
Ion	Ratio	Lower	Upper
69	100		
41	65.2	52.1	78.1
39	31.7	25.4	38.0



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

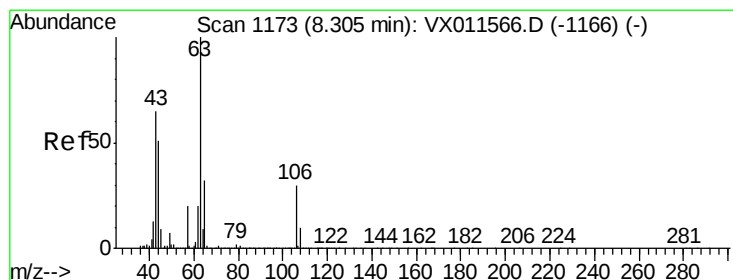
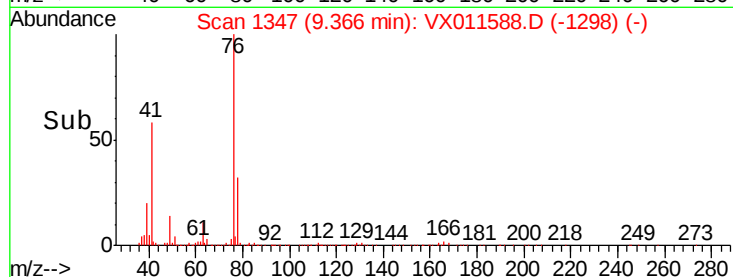
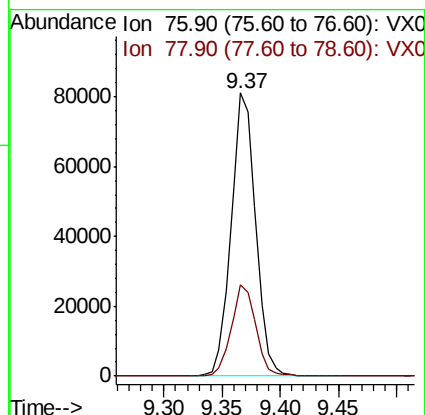
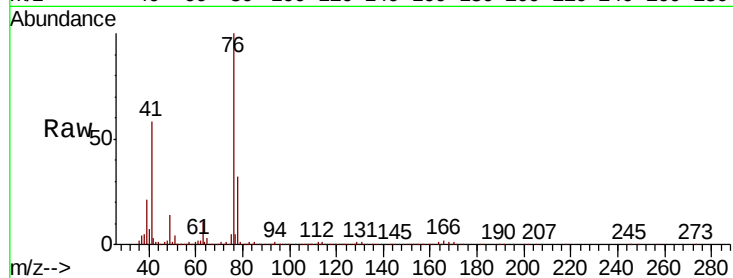




#57
 1,3-Dichloropropane
 Concen: 18.714 ug/l
 RT: 9.37 min Scan# 1347
 Delta R.T. 0.00 min
 Lab File: VX011588.D
 Acq: 16 Aug 2019 17:58

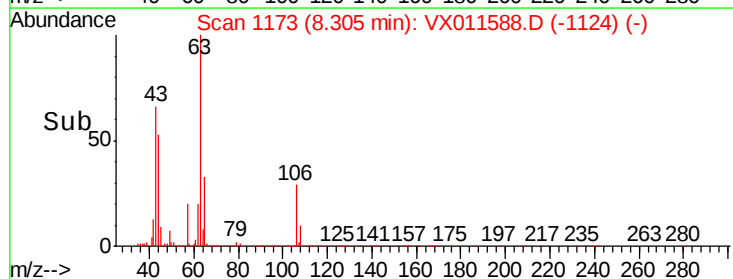
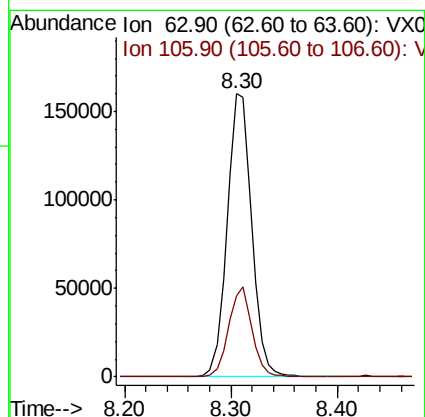
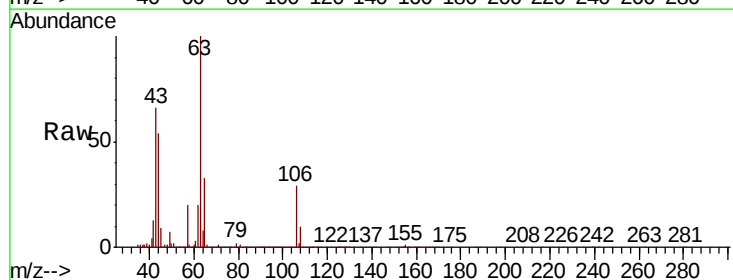
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0816WBSD01

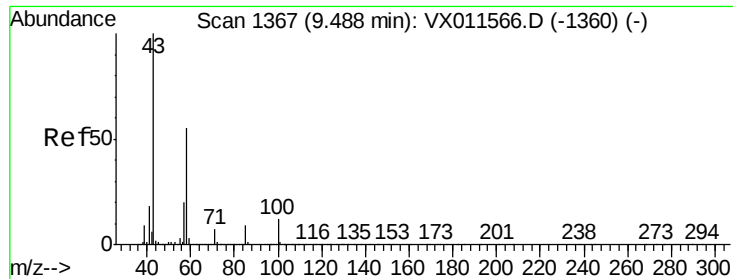
Tgt Ion: 76 Resp: 118249
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.2 39.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 89.482 ug/l
 RT: 8.30 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VX011588.D
 Acq: 16 Aug 2019 17:58

Tgt Ion: 63 Resp: 257595
 Ion Ratio Lower Upper
 63 100
 106 30.6 24.7 37.1

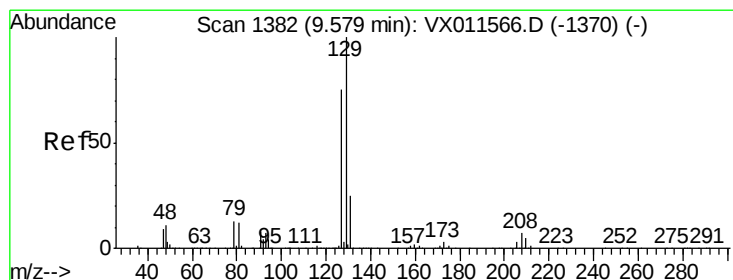
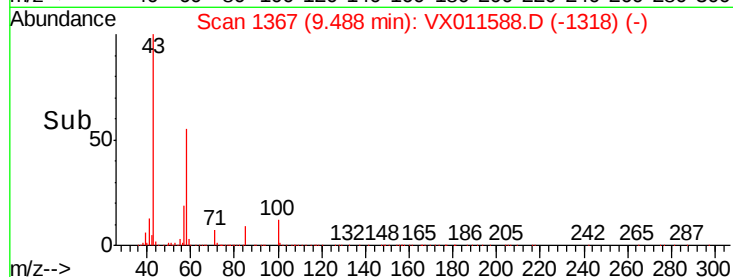
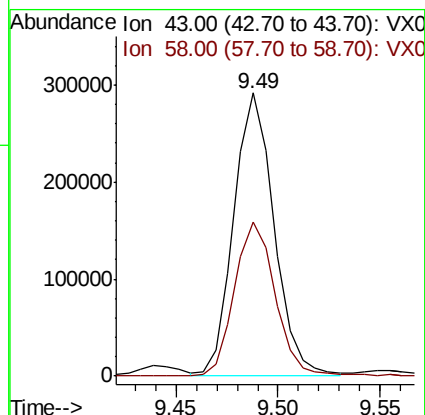
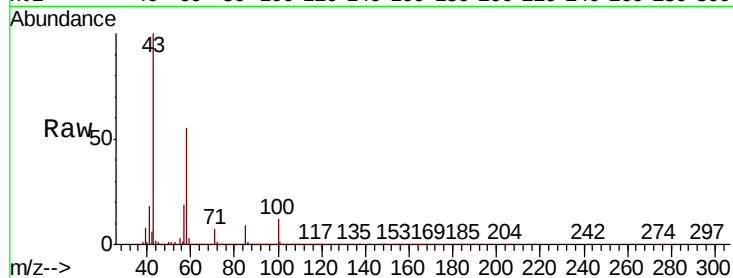




#59
2-Hexanone
Concen: 93.323 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX011588.D
Acq: 16 Aug 2019 17:58

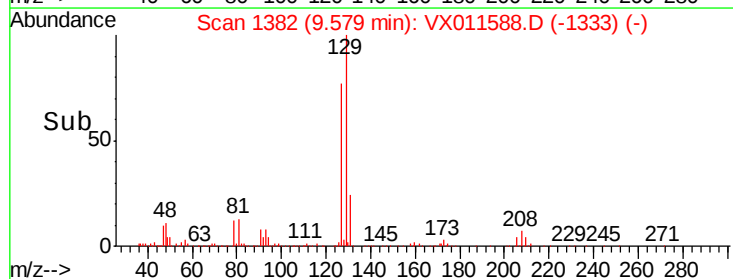
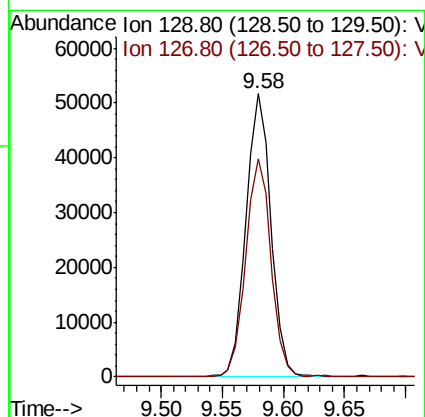
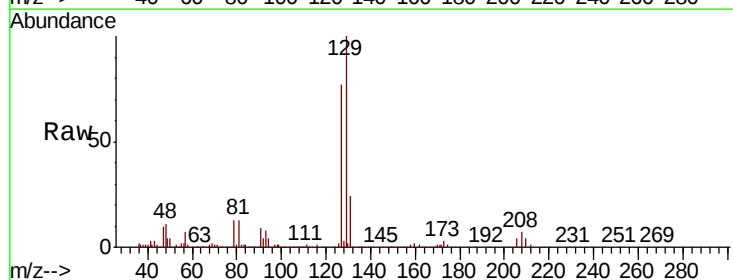
Instrument :
MSVOA_X
ClientSampleId :
VX0816WBSD01

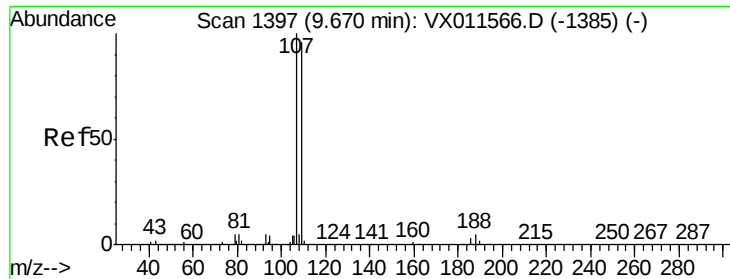
Tgt Ion: 43 Resp: 399217
Ion Ratio Lower Upper
43 100
58 55.1 27.5 82.4



#60
Dibromochloromethane
Concen: 17.638 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX011588.D
Acq: 16 Aug 2019 17:58

Tgt Ion: 129 Resp: 73049
Ion Ratio Lower Upper
129 100
127 78.7 38.0 114.1

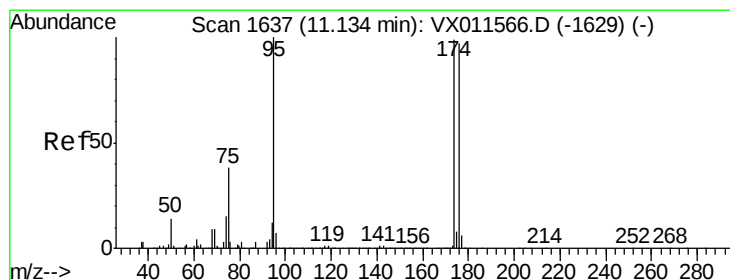
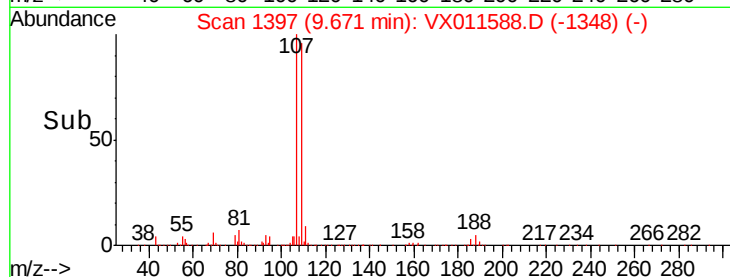
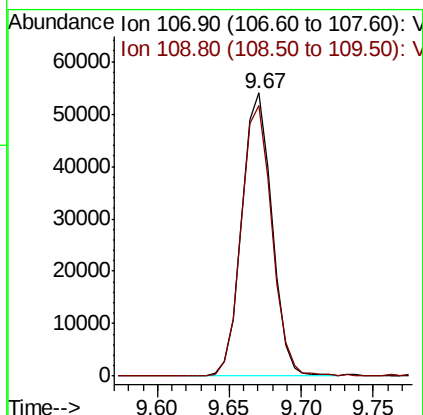
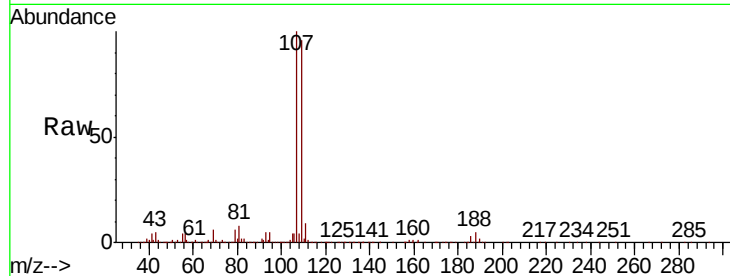




#61
 1,2-Dibromoethane
 Concen: 18.441 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX011588.D
 Acq: 16 Aug 2019 17:58

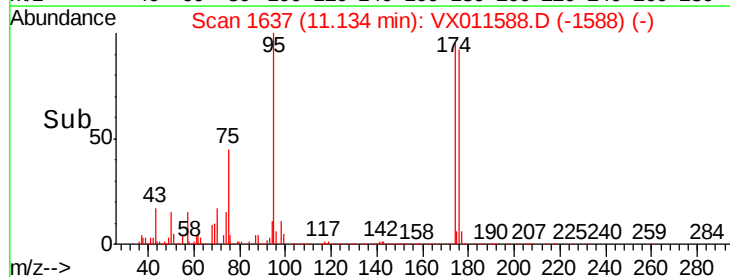
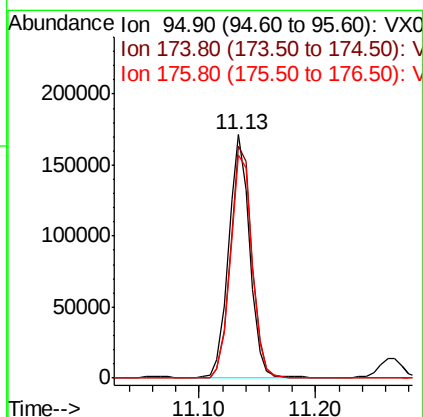
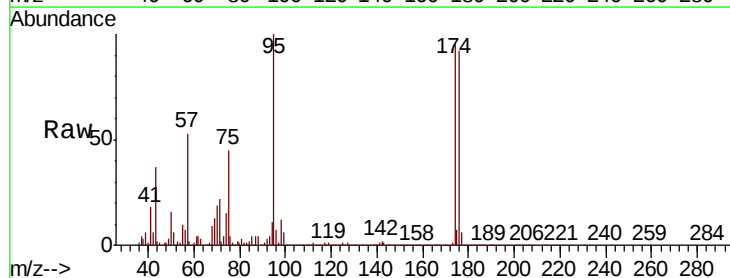
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0816WBSD01

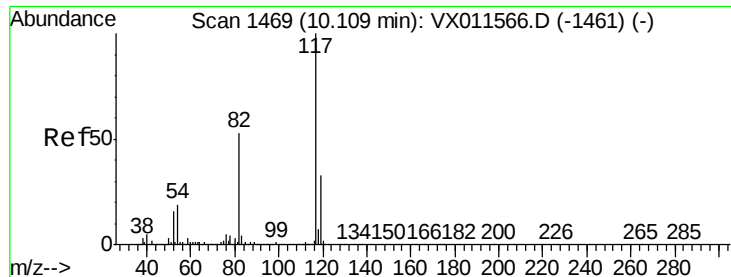
Tgt Ion: 107 Resp: 78233
 Ion Ratio Lower Upper
 107 100
 109 97.4 76.2 114.2



#62
 4-Bromofluorobenzene
 Concen: 45.033 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX011588.D
 Acq: 16 Aug 2019 17:58

Tgt Ion: 95 Resp: 213917
 Ion Ratio Lower Upper
 95 100
 174 98.1 0.0 200.6
 176 95.3 0.0 196.6

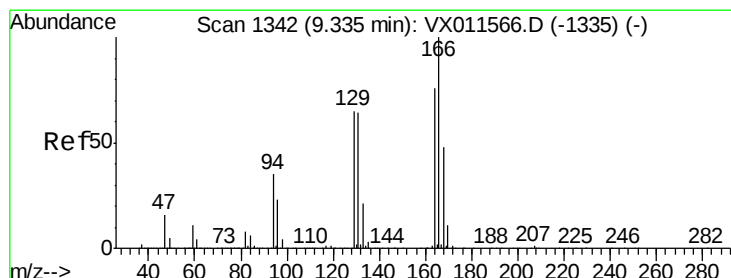
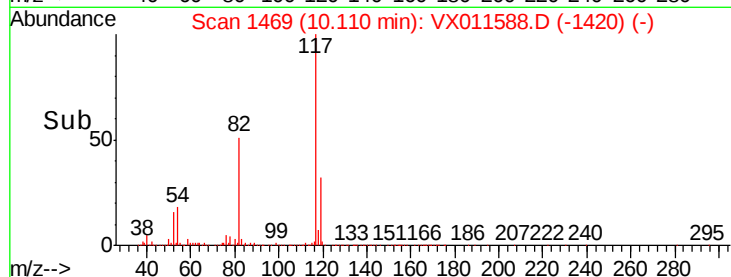
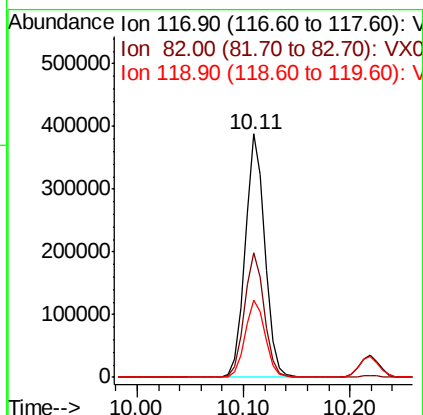
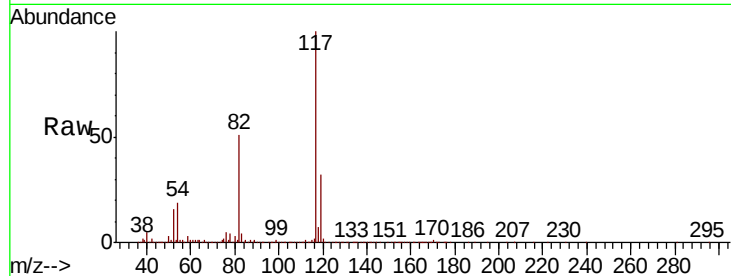




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011588.D
Acq: 16 Aug 2019 17:58

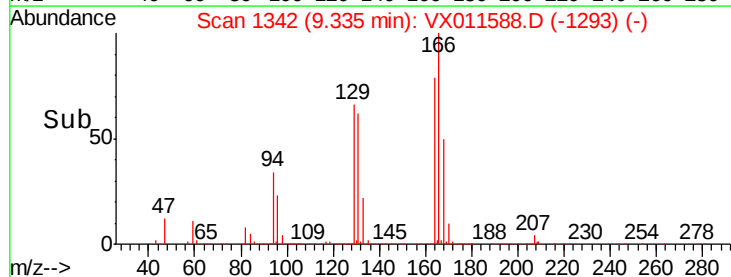
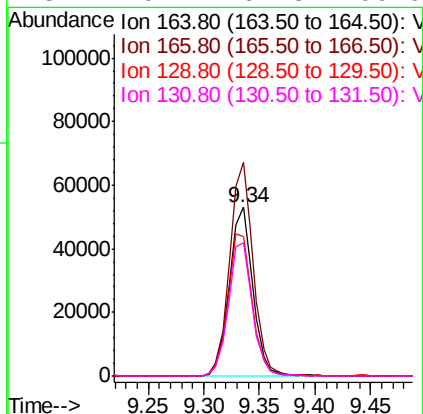
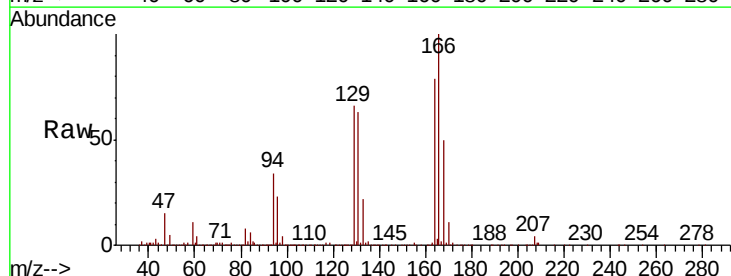
Instrument :
MSVOA_X
ClientSampleId :
VX0816WBSD01

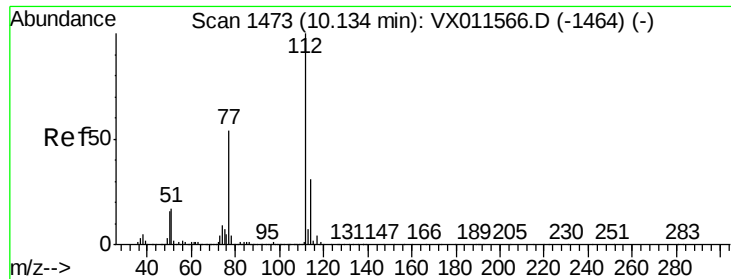
Tgt Ion:117 Resp: 503634
Ion Ratio Lower Upper
117 100
82 51.0 42.0 63.0
119 31.7 26.5 39.7



#64
Tetrachloroethene
Concen: 18.784 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX011588.D
Acq: 16 Aug 2019 17:58

Tgt Ion:164 Resp: 77618
Ion Ratio Lower Upper
164 100
166 126.6 104.7 157.1
129 83.0 68.2 102.4
131 79.1 67.3 100.9





#65

Chlorobenzene

Concen: 18.709 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. 0.00 min

Lab File: VX011588.D

Acq: 16 Aug 2019 17:58

Instrument :

MSVOA_X

ClientSampleId :

VX0816WBSD01

Tgt Ion:112 Resp: 200976

Ion Ratio Lower Upper

112 100

114 30.6 25.0 37.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.13

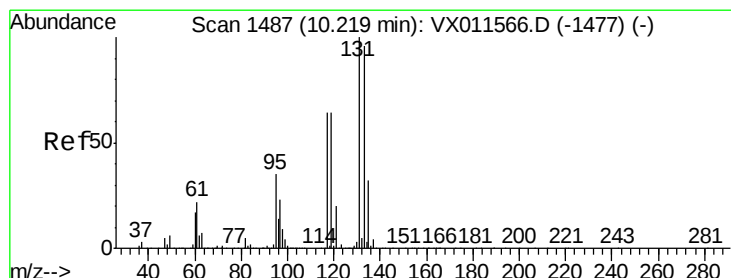
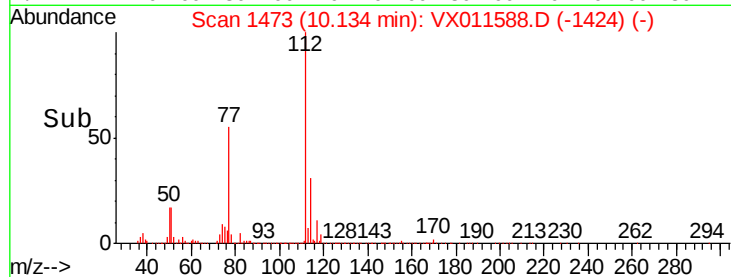
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 18.416 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX011588.D

Acq: 16 Aug 2019 17:58

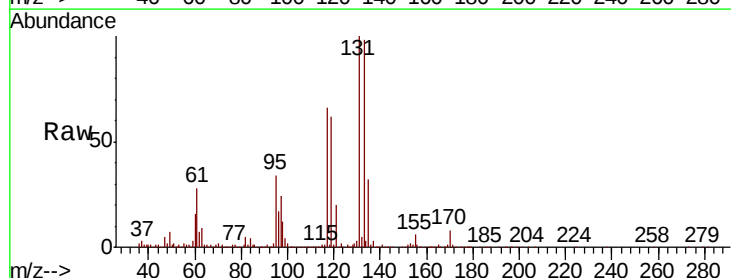
Tgt Ion:131 Resp: 73941

Ion Ratio Lower Upper

131 100

133 94.1 48.1 144.4

119 60.4 31.3 93.8



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

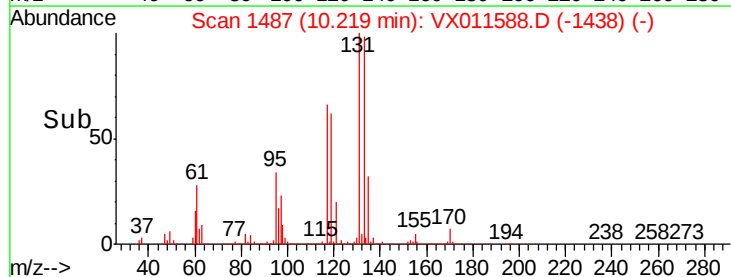
150000

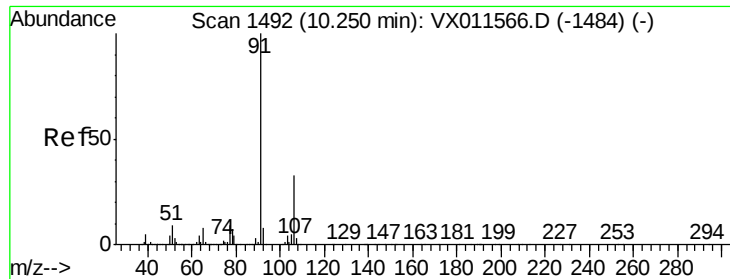
100000

50000

0

Time-->





#67

Ethyl Benzene

Concen: 19.721 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX011588.D

Acq: 16 Aug 2019 17:58

Instrument :

MSVOA_X

ClientSampleId :

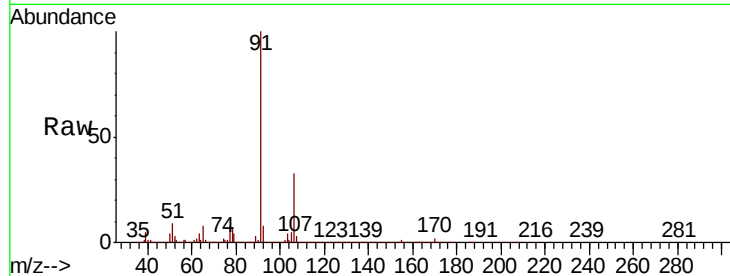
VX0816WBSD01

Tgt Ion: 91 Resp: 353549

Ion Ratio Lower Upper

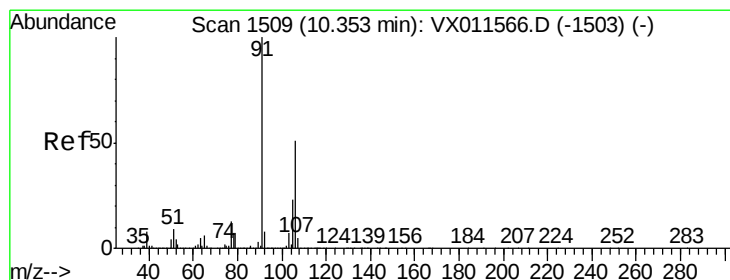
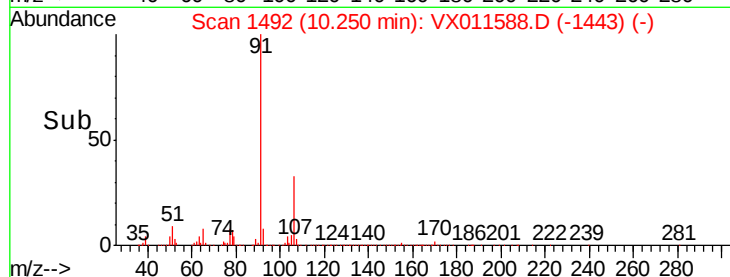
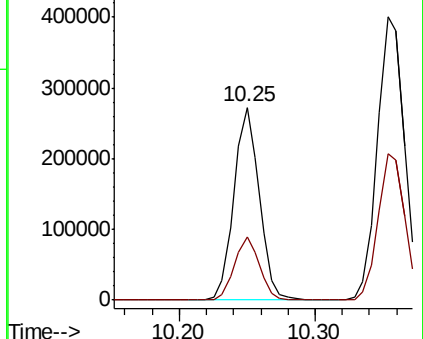
91 100

106 32.6 26.0 39.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 41.293 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. 0.00 min

Lab File: VX011588.D

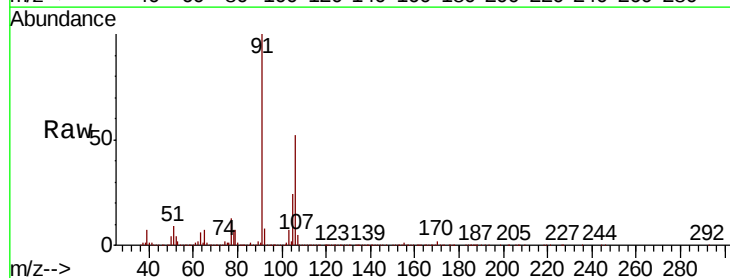
Acq: 16 Aug 2019 17:58

Tgt Ion: 106 Resp: 284159

Ion Ratio Lower Upper

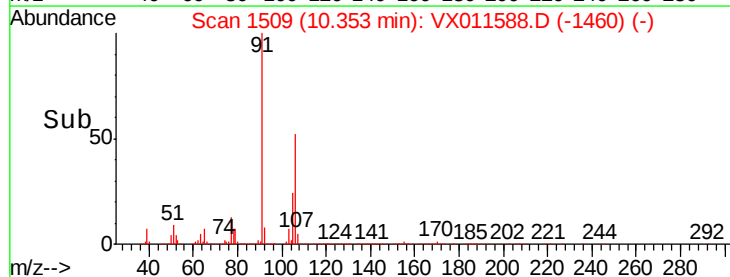
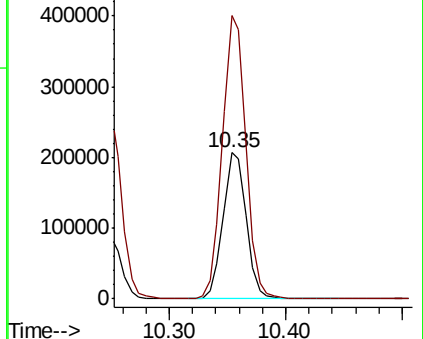
106 100

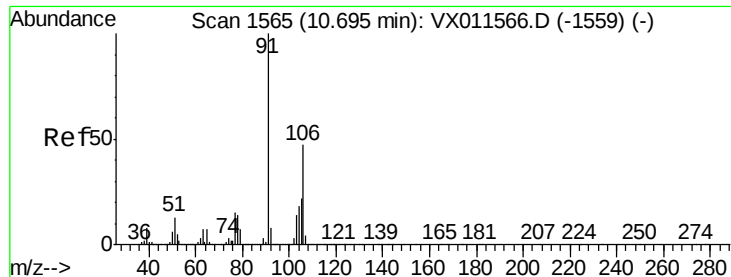
91 194.8 156.0 234.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

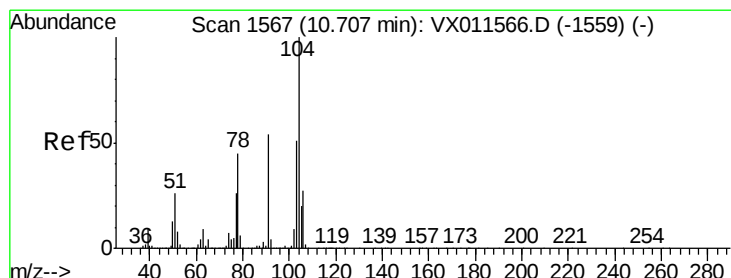
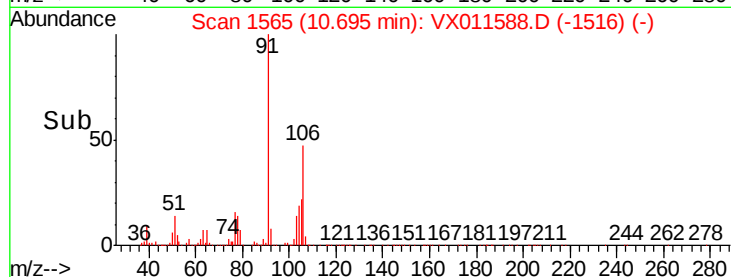
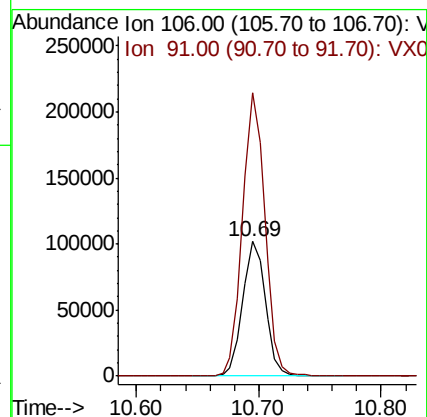
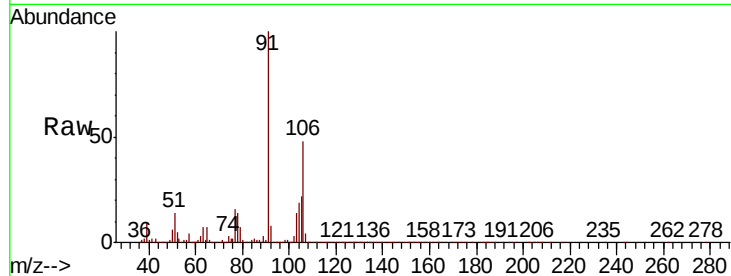




#69
o-Xylene
Concen: 19.420 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011588.D
Acq: 16 Aug 2019 17:58

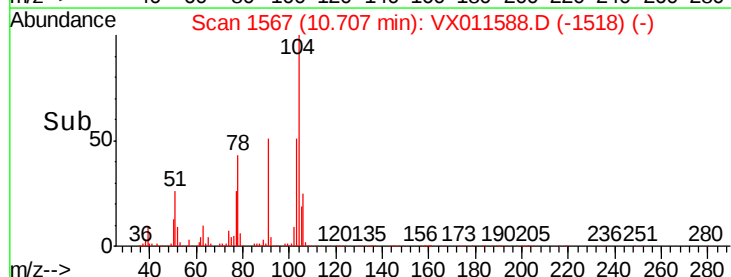
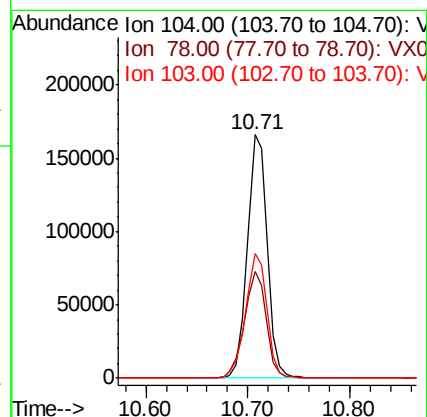
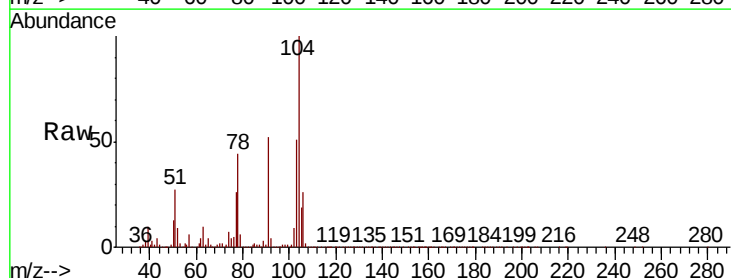
Instrument :
MSVOA_X
ClientSampleId :
VX0816WBSD01

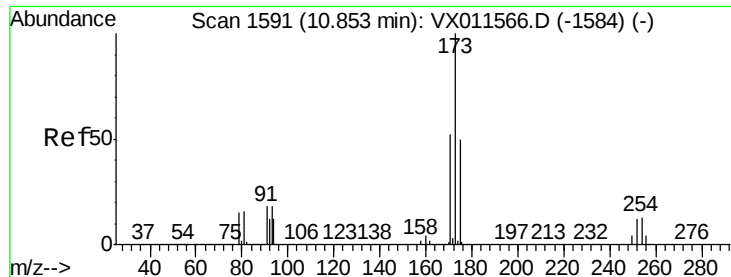
Tgt Ion:106 Resp: 130901
Ion Ratio Lower Upper
106 100
91 206.4 105.5 316.4



#70
Styrene
Concen: 19.648 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX011588.D
Acq: 16 Aug 2019 17:58

Tgt Ion:104 Resp: 222949
Ion Ratio Lower Upper
104 100
78 47.9 38.2 57.4
103 54.7 43.6 65.4





#71

Bromoform

Concen: 17.064 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011588.D

Acq: 16 Aug 2019 17:58

Instrument :

MSVOA_X

ClientSampleId :

VX0816WBSD01

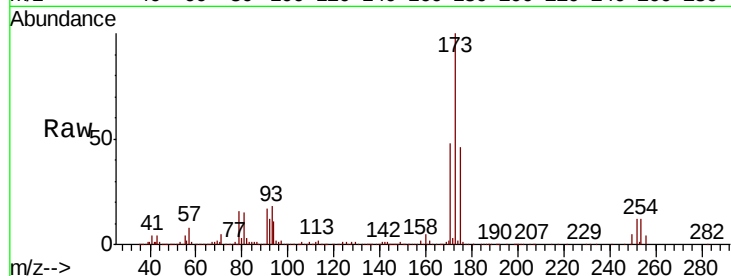
Tgt Ion:173 Resp: 57521

Ion Ratio Lower Upper

173 100

175 49.2 24.9 74.7

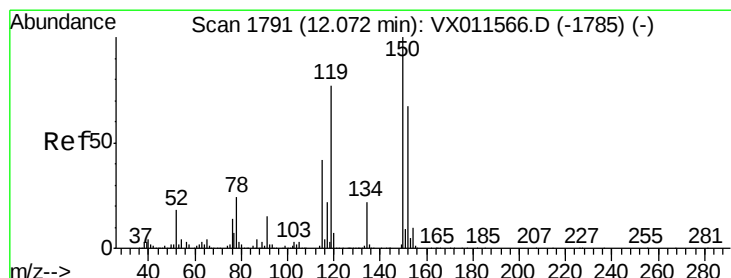
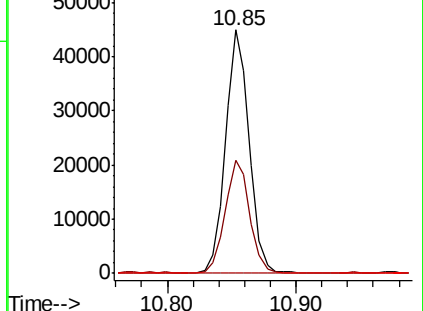
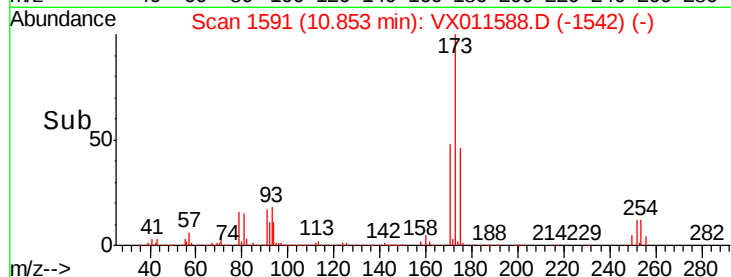
254 0.1 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX011588.D

Acq: 16 Aug 2019 17:58

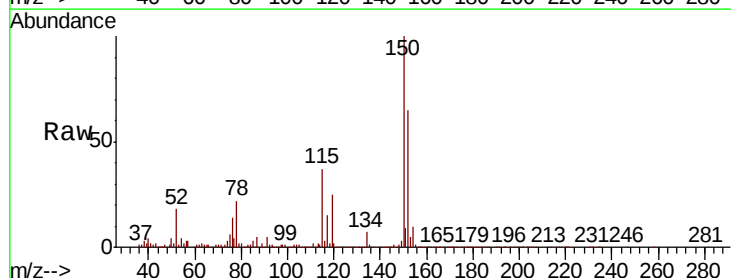
Tgt Ion:152 Resp: 284365

Ion Ratio Lower Upper

152 100

115 60.3 37.3 111.9

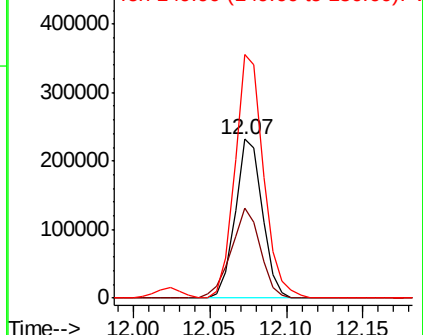
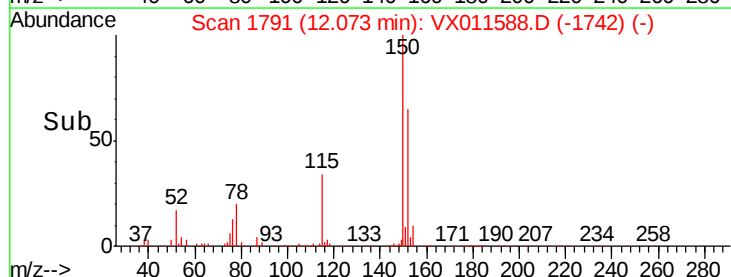
150 160.5 0.0 346.2

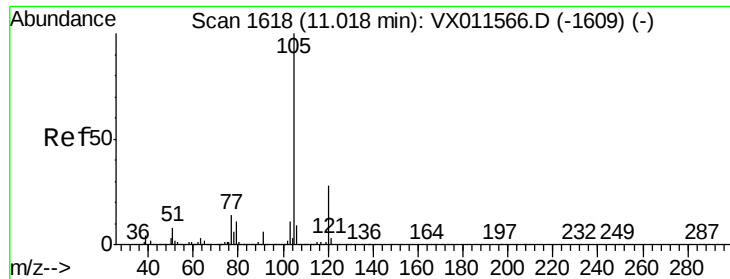


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.078 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX011588.D

Acq: 16 Aug 2019 17:58

Instrument :

MSVOA_X

ClientSampleId :

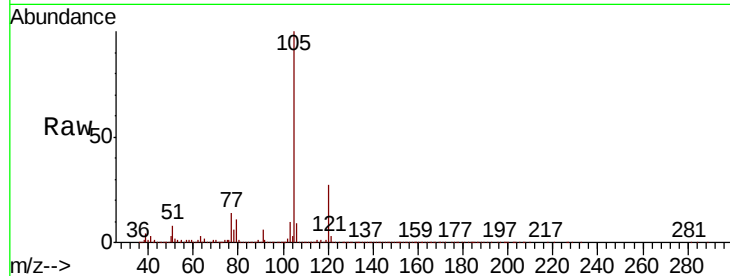
VX0816WBSD01

Tgt Ion:105 Resp: 352033

Ion Ratio Lower Upper

105 100

120 27.0 14.0 41.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

250000

200000

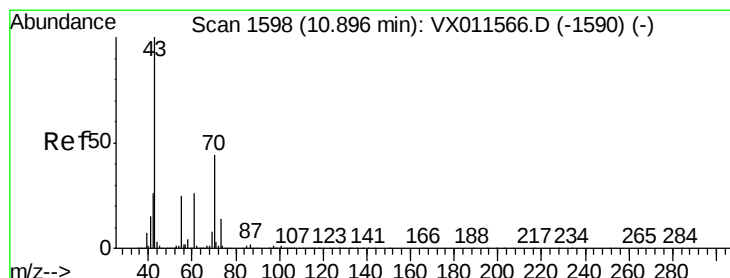
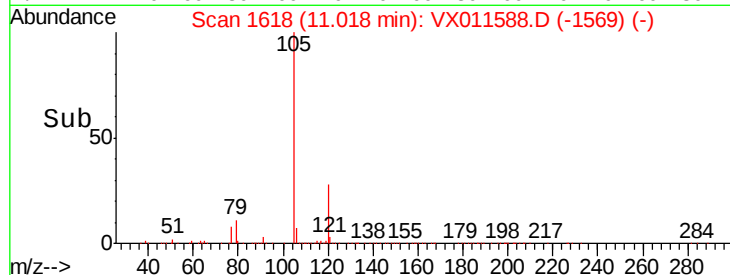
150000

100000

50000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 19.964 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX011588.D

Acq: 16 Aug 2019 17:58

Tgt Ion: 43 Resp: 156548

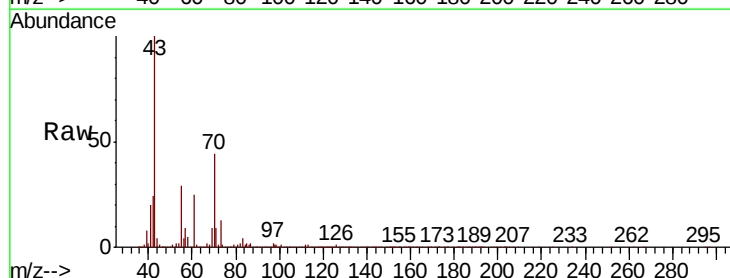
Ion Ratio Lower Upper

43 100

70 44.3 34.7 52.1

55 33.4 19.6 29.4#

61 22.5 19.9 29.9



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

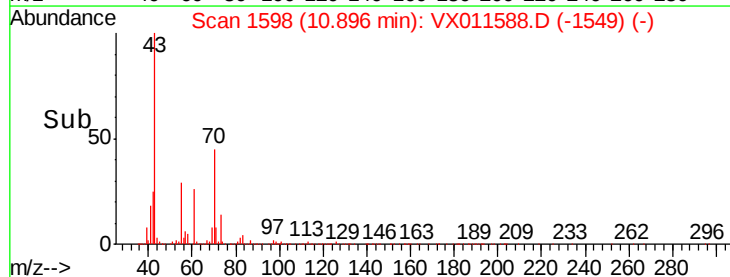
150000

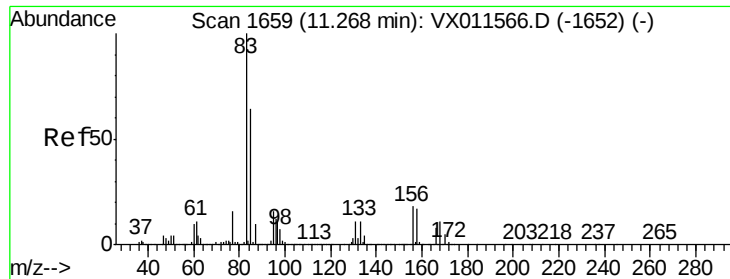
100000

50000

0

Time--> 10.85 10.90





#75

1,1,2,2-Tetrachloroethane

Concen: 18.709 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX011588.D

Acq: 16 Aug 2019 17:58

Instrument :

MSVOA_X

ClientSampleId :

VX0816WBSD01

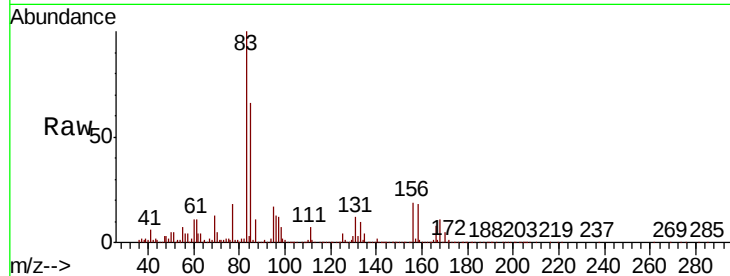
Tgt Ion: 83 Resp: 118754

Ion Ratio Lower Upper

83 100

131 11.1 5.8 17.3

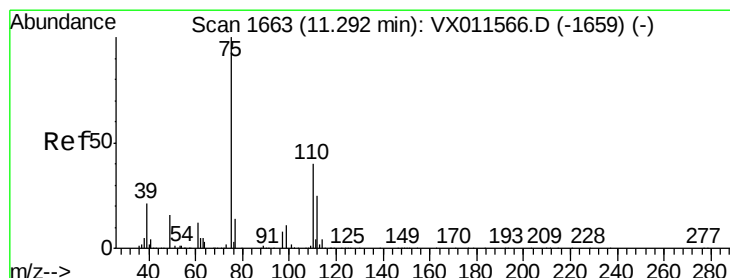
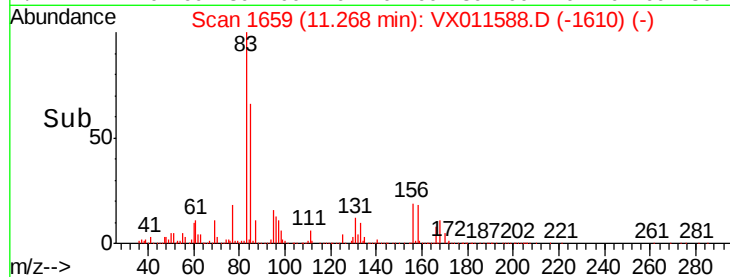
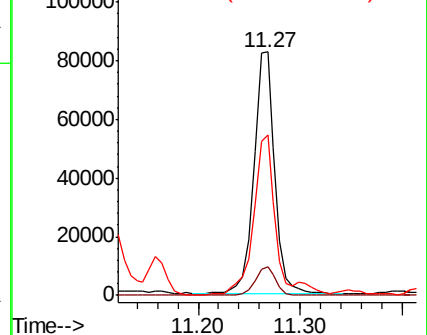
85 65.7 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 22.336 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX011588.D

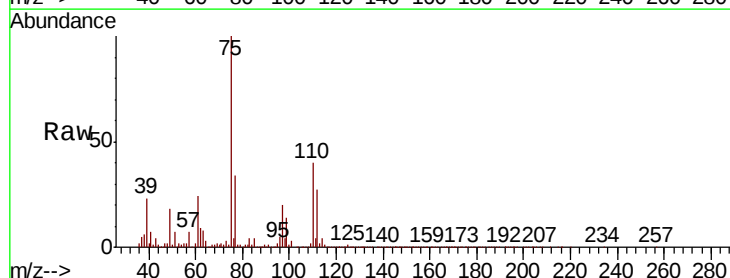
Acq: 16 Aug 2019 17:58

Tgt Ion: 75 Resp: 120441

Ion Ratio Lower Upper

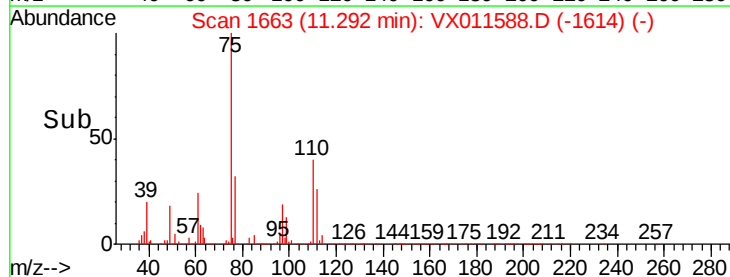
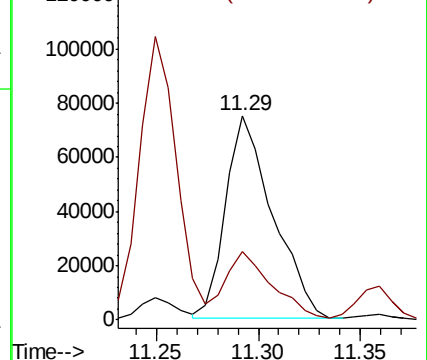
75 100

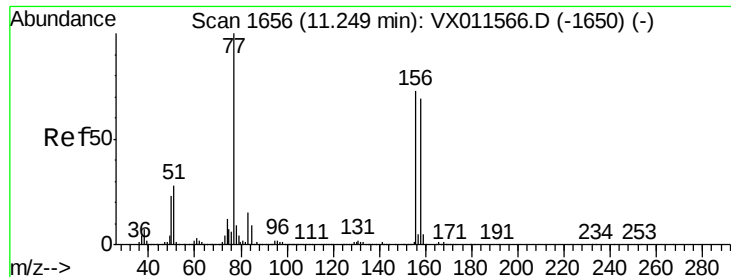
77 32.4 20.9 62.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.450 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. 0.00 min

Lab File: VX011588.D

Acq: 16 Aug 2019 17:58

Instrument :

MSVOA_X

ClientSampleId :

VX0816WBSD01

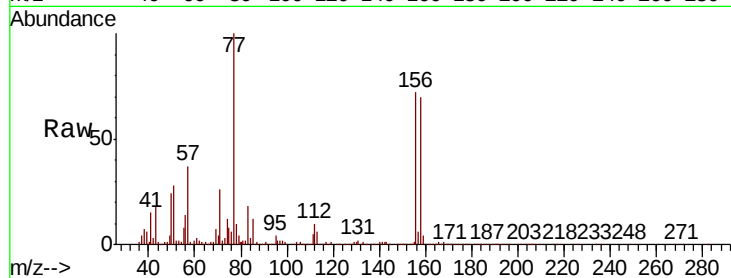
Tgt Ion: 156 Resp: 101288

Ion Ratio Lower Upper

156 100

77 130.6 64.6 193.9

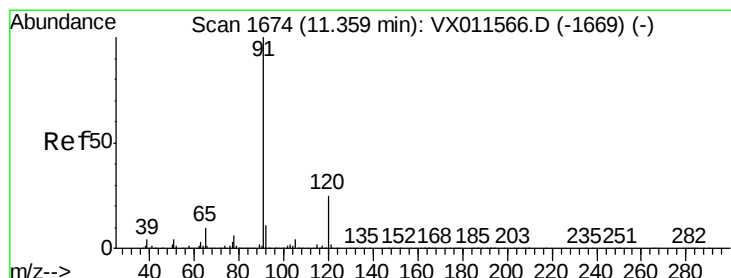
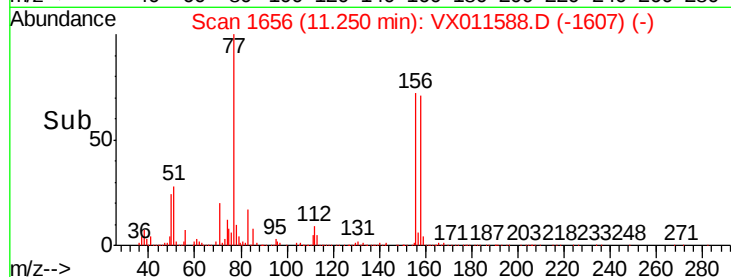
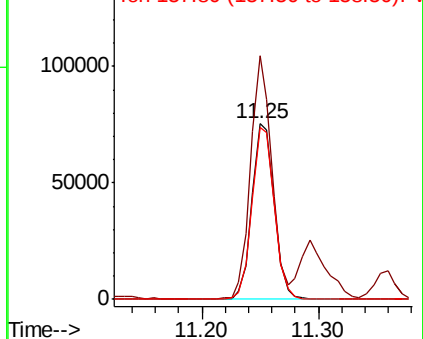
158 97.1 48.4 145.3



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: 19.523 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX011588.D

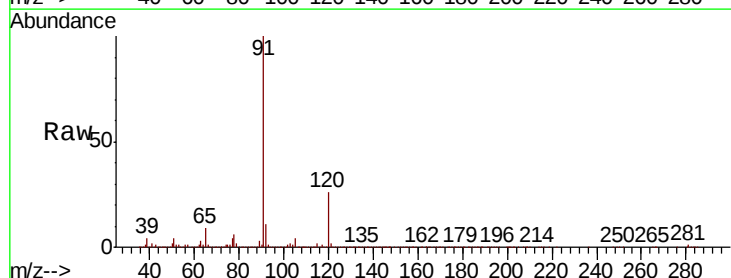
Acq: 16 Aug 2019 17:58

Tgt Ion: 91 Resp: 388441

Ion Ratio Lower Upper

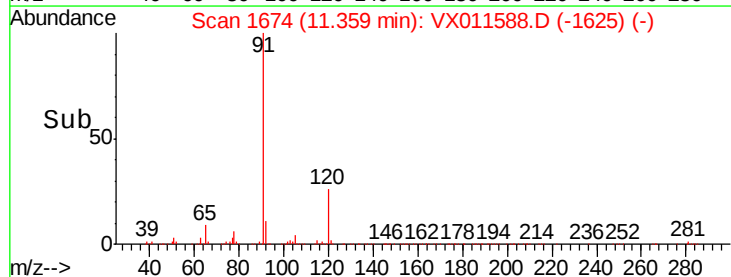
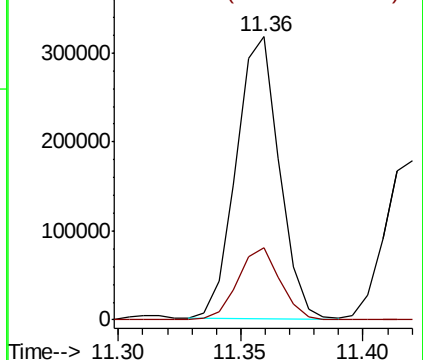
91 100

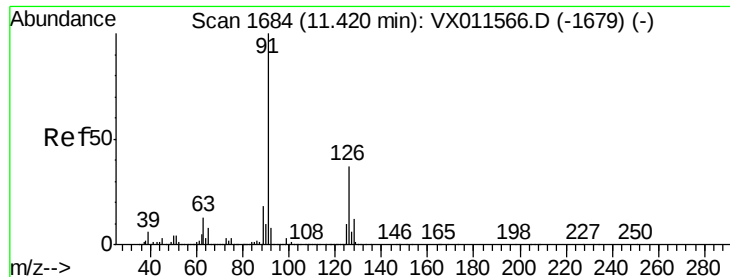
120 25.2 12.6 37.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.712 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX011588.D

Acq: 16 Aug 2019 17:58

Instrument :

MSVOA_X

ClientSampleId :

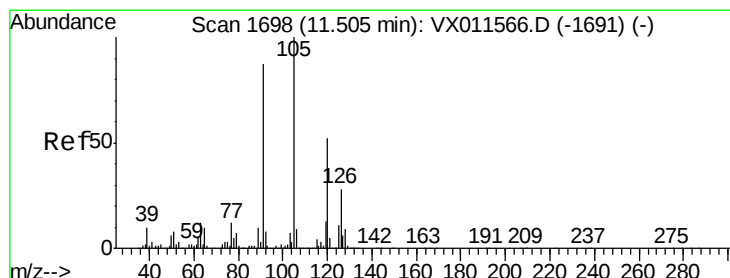
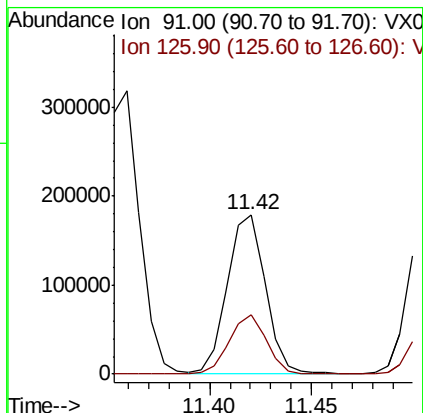
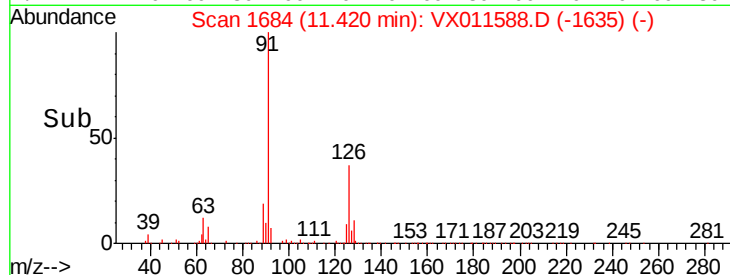
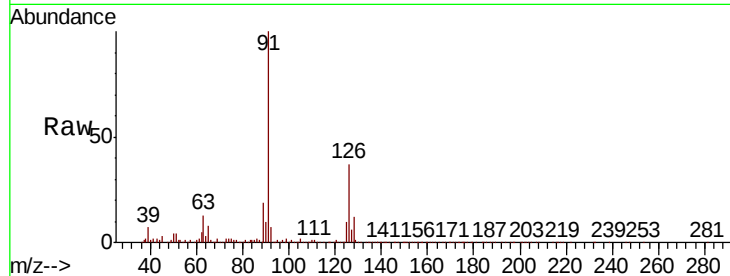
VX0816WBSD01

Tgt Ion: 91 Resp: 228616

Ion Ratio Lower Upper

91 100

126 36.7 18.4 55.0



#80

1,3,5-Trimethylbenzene

Concen: 20.202 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011588.D

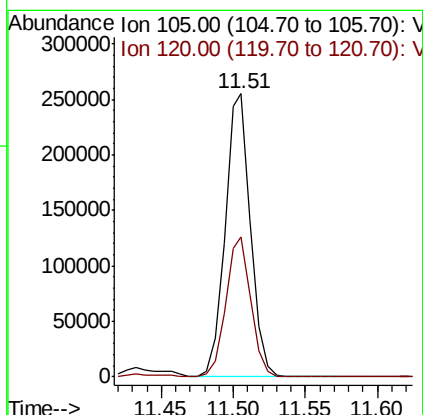
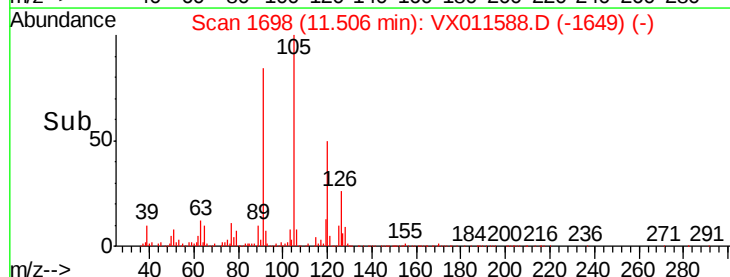
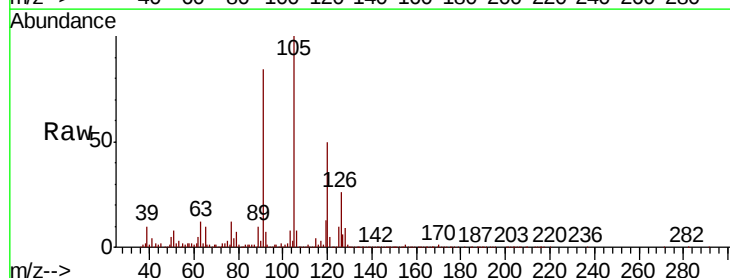
Acq: 16 Aug 2019 17:58

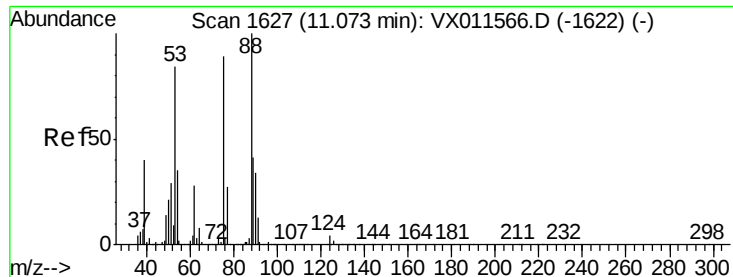
Tgt Ion: 105 Resp: 313132

Ion Ratio Lower Upper

105 100

120 49.0 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 17.430 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX011588.D

Acq: 16 Aug 2019 17:58

Instrument :

MSVOA_X

ClientSampleId :

VX0816WBSD01

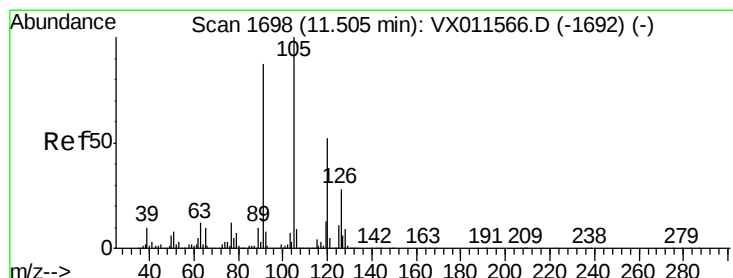
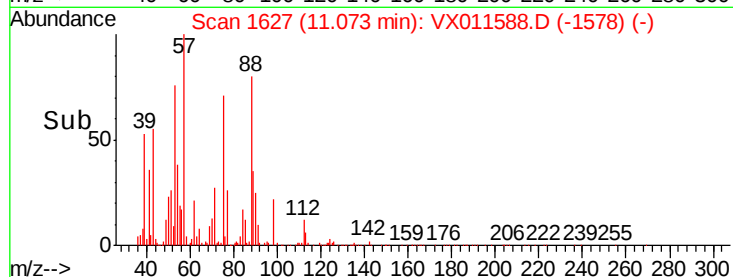
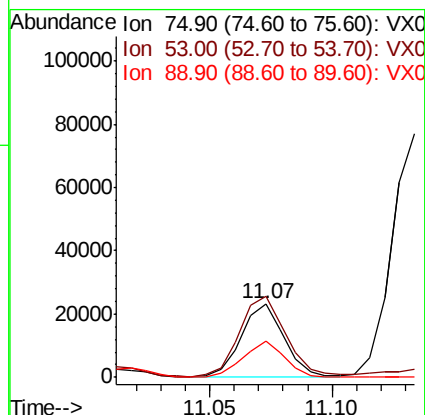
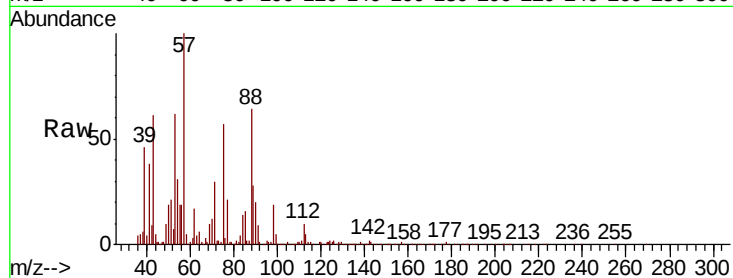
Tgt Ion: 75 Resp: 28306

Ion Ratio Lower Upper

75 100

53 116.3 77.4 116.0#

89 46.9 37.3 55.9



#82

4-Chlorotoluene

Concen: 19.254 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011588.D

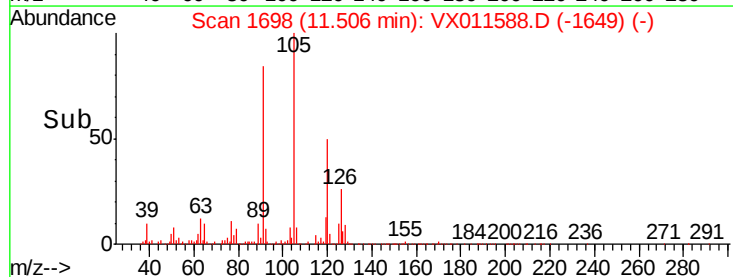
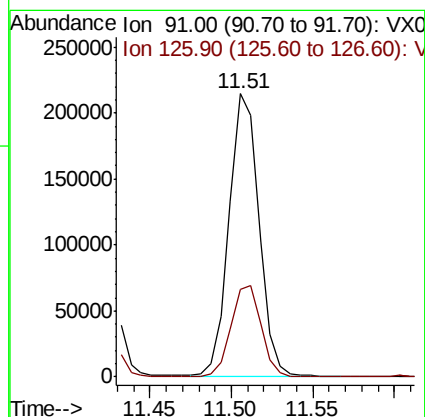
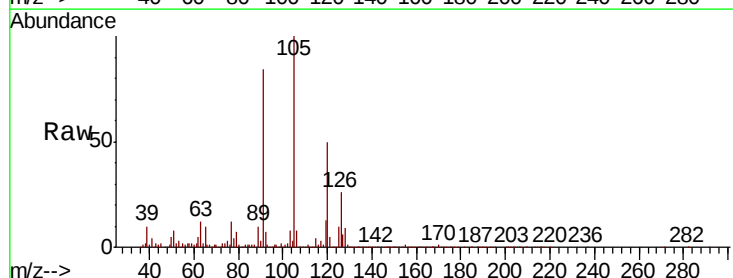
Acq: 16 Aug 2019 17:58

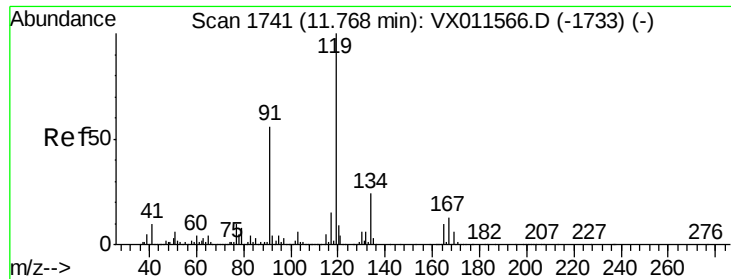
Tgt Ion: 91 Resp: 272915

Ion Ratio Lower Upper

91 100

126 32.4 16.4 49.1

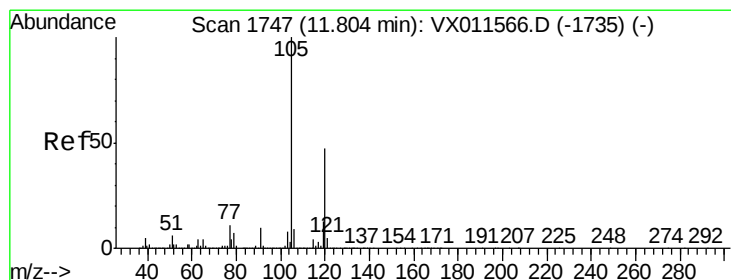
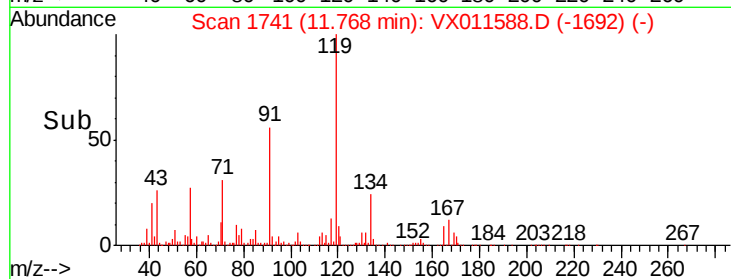
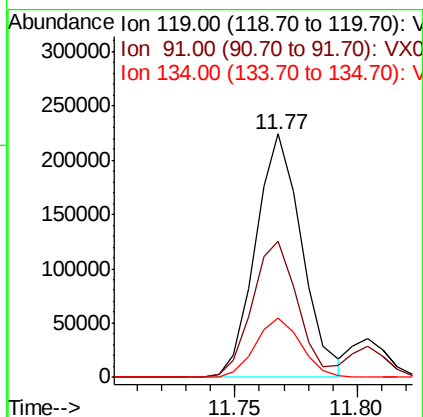
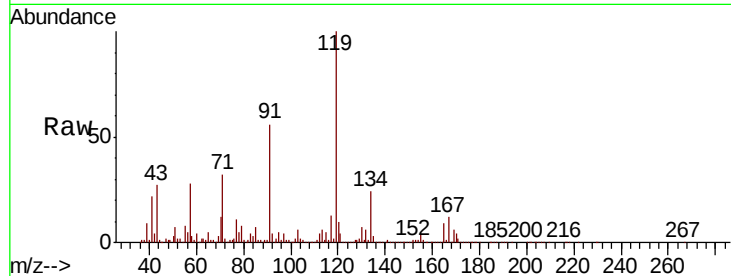




#83
 tert-Butylbenzene
 Concen: 18.674 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX011588.D
 Acq: 16 Aug 2019 17:58

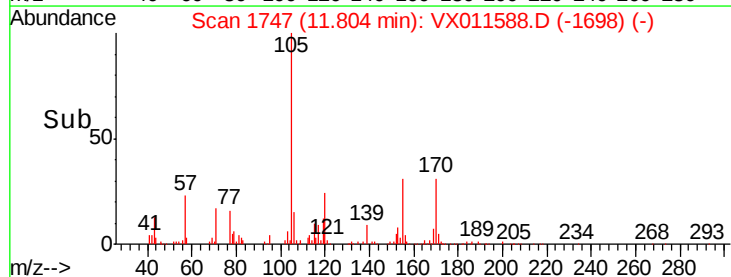
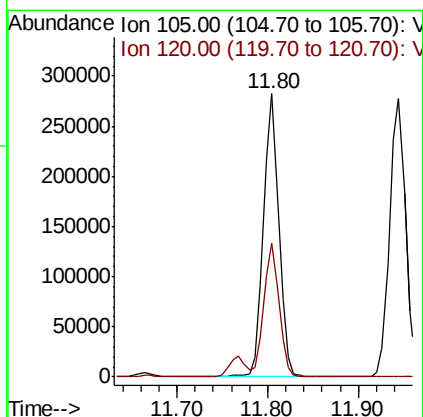
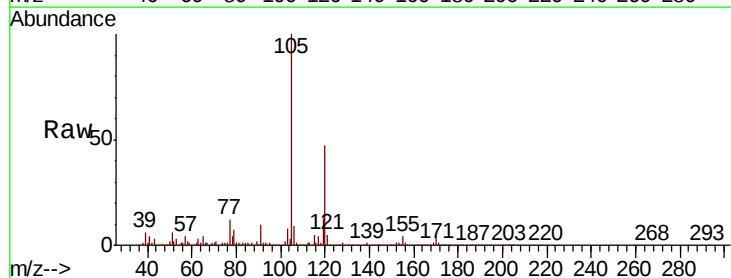
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0816WBSD01

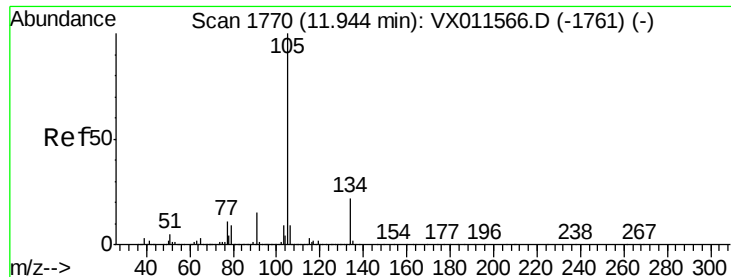
Tgt Ion	Ratio	Lower	Upper
119	100		
91	55.3	27.1	81.3
134	24.0	11.8	35.3



#84
 1,2,4-Trimethylbenzene
 Concen: 21.444 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX011588.D
 Acq: 16 Aug 2019 17:58

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.8	23.3	69.9





#85

sec-Butylbenzene

Concen: 18.984 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX011588.D

Acq: 16 Aug 2019 17:58

Instrument :

MSVOA_X

ClientSampleId :

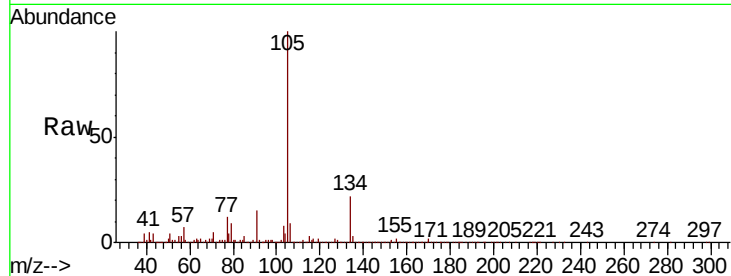
VX0816WBSD01

Tgt Ion:105 Resp: 338137

Ion Ratio Lower Upper

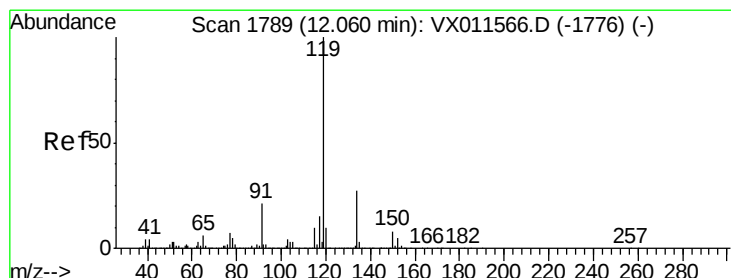
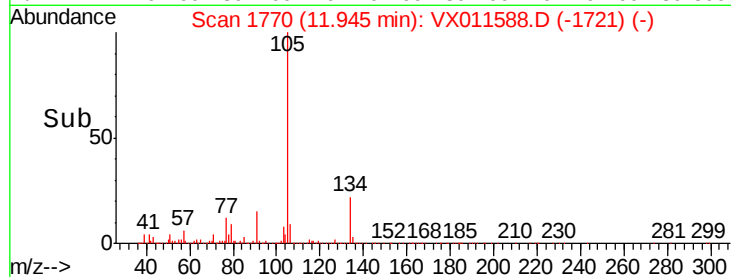
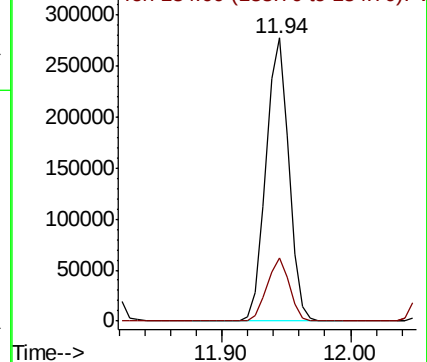
105 100

134 22.1 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.672 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX011588.D

Acq: 16 Aug 2019 17:58

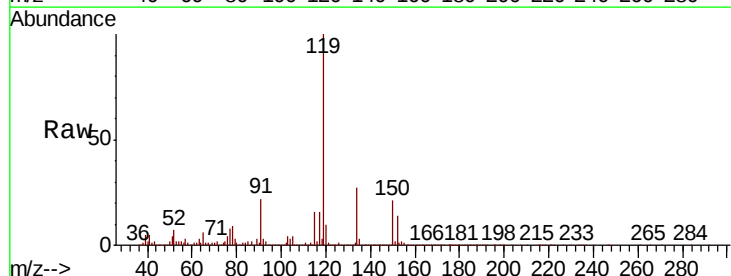
Tgt Ion:119 Resp: 329637

Ion Ratio Lower Upper

119 100

134 27.1 13.6 40.8

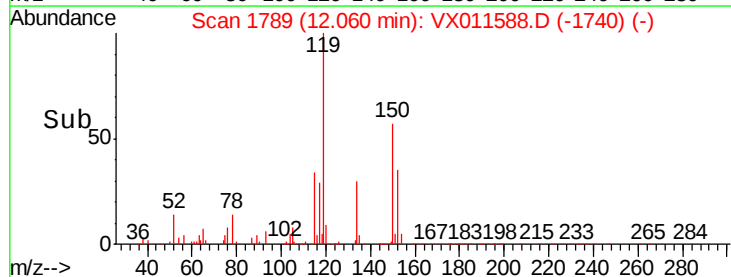
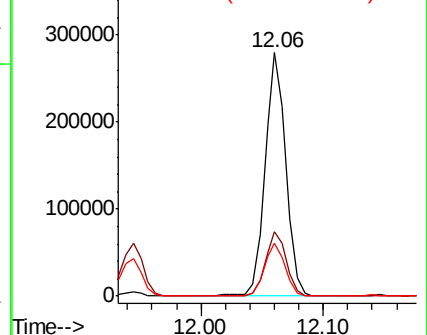
91 21.5 10.9 32.9

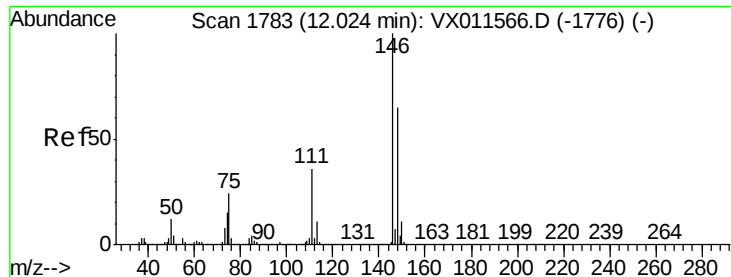


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 18.945 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX011588.D

Acq: 16 Aug 2019 17:58

Instrument :

MSVOA_X

ClientSampleId :

VX0816WBSD01

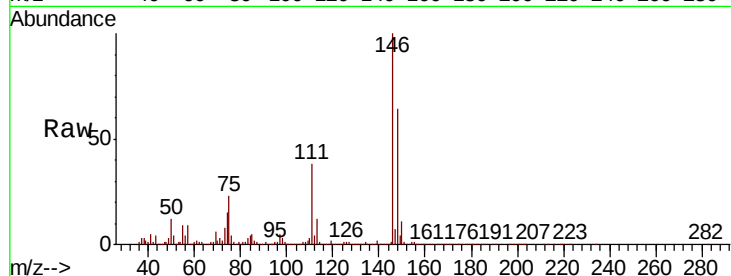
Tgt Ion:146 Resp: 178772

Ion Ratio Lower Upper

146 100

111 37.6 18.1 54.4

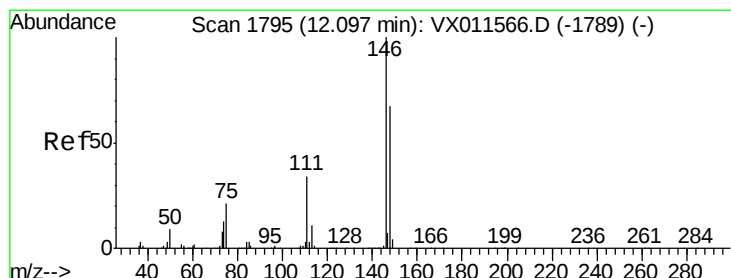
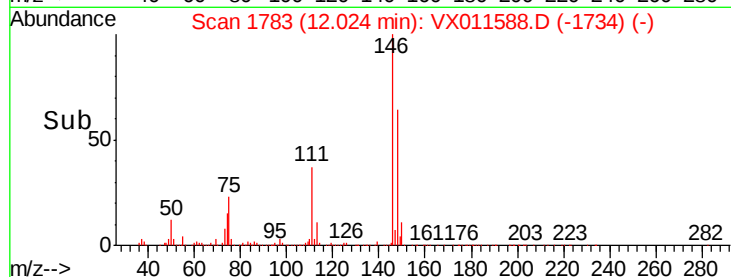
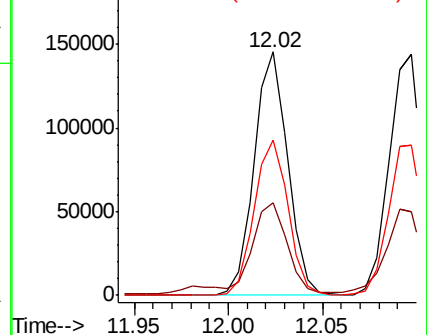
148 64.7 32.0 96.0



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



#88

1,4-Dichlorobenzene

Concen: 18.982 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX011588.D

Acq: 16 Aug 2019 17:58

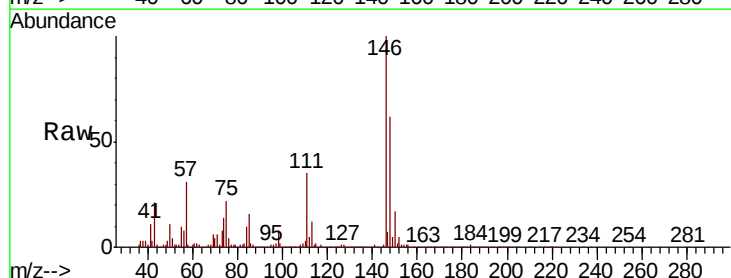
Tgt Ion:146 Resp: 181545

Ion Ratio Lower Upper

146 100

111 36.6 17.9 53.7

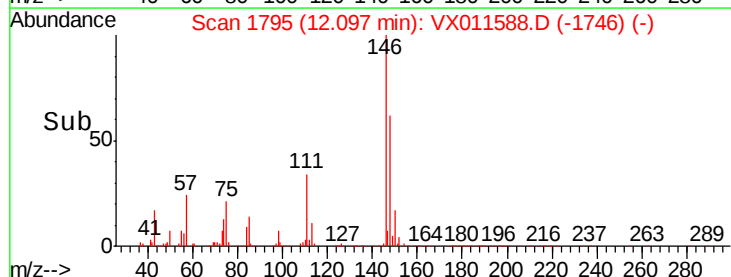
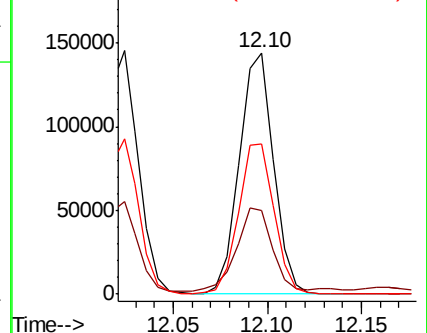
148 64.8 32.5 97.5

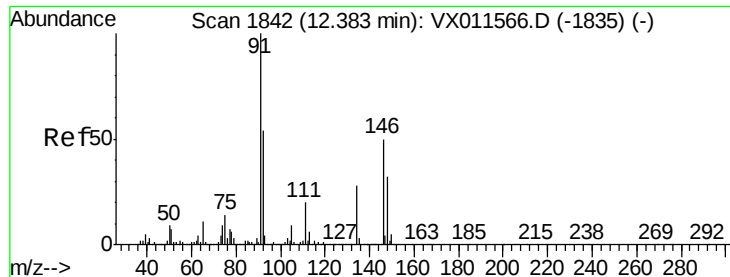


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 20.288 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX011588.D

Acq: 16 Aug 2019 17:58

Instrument :

MSVOA_X

ClientSampleId :

VX0816WBSD01

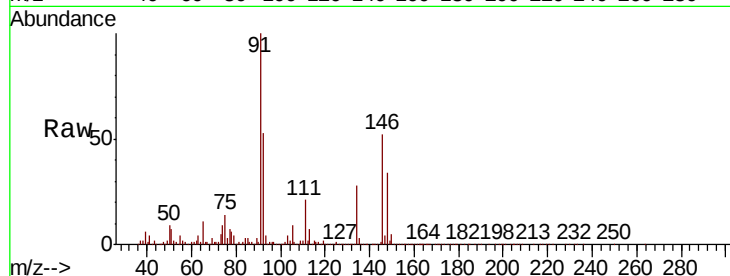
Tgt Ion: 91 Resp: 279488

Ion Ratio Lower Upper

91 100

92 52.7 26.8 80.3

134 30.2 14.6 44.0

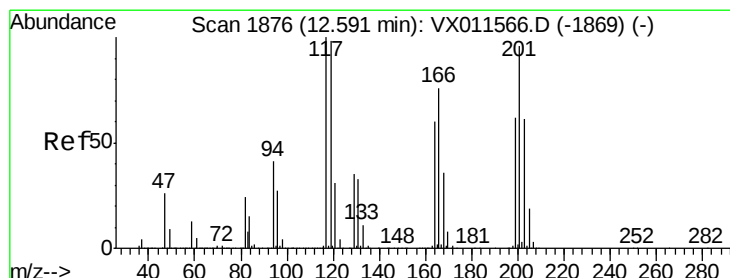
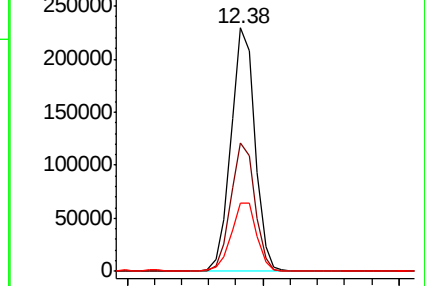
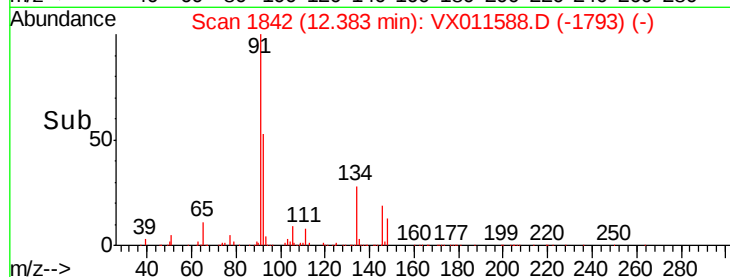


Abundance Ion 91.00 (90.70 to 91.70): VX011566.D (-1835) (-)

Ion 92.00 (91.70 to 92.70): VX011566.D (-1835) (-)

Ion 134.00 (133.70 to 134.70): VX011566.D (-1835) (-)

Time--> 12.30 12.40



#90

Hexachloroethane

Concen: 17.094 ug/l

RT: 12.59 min Scan# 1876

Delta R.T. 0.00 min

Lab File: VX011588.D

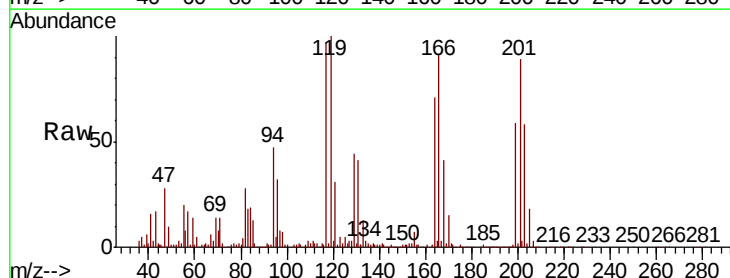
Acq: 16 Aug 2019 17:58

Tgt Ion: 117 Resp: 45231

Ion Ratio Lower Upper

117 100

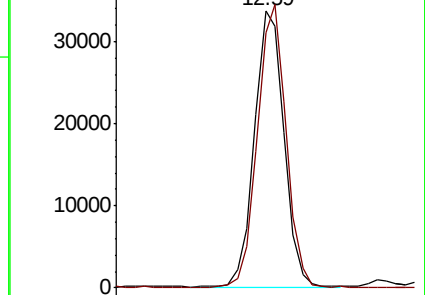
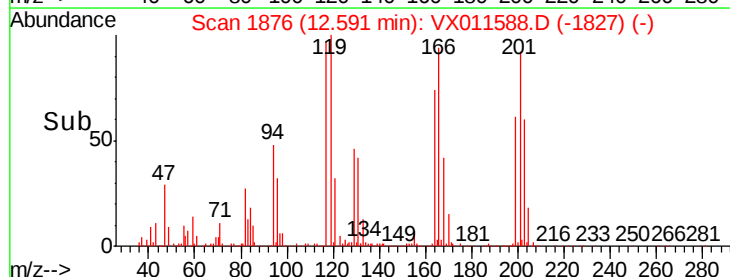
201 100.0 51.9 155.7

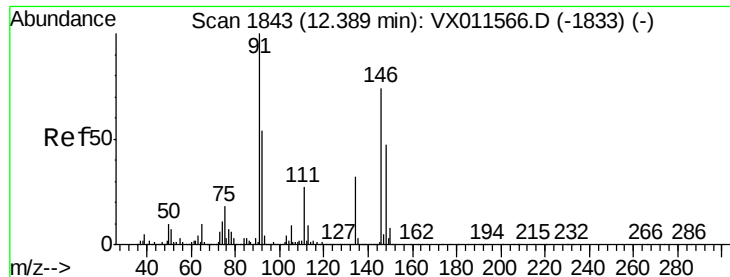


Abundance Ion 116.80 (116.50 to 117.50): VX011566.D (-1869) (-)

Ion 200.70 (200.40 to 201.40): VX011566.D (-1869) (-)

Time--> 12.50 12.55 12.60 12.65





#91

1,2-Dichlorobenzene

Concen: 18.523 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX011588.D

Acq: 16 Aug 2019 17:58

Instrument :

MSVOA_X

ClientSampleId :

VX0816WBSD01

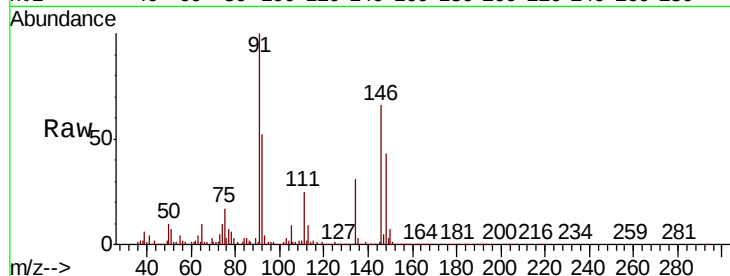
Tgt Ion:146 Resp: 175460

Ion Ratio Lower Upper

146 100

111 39.1 18.9 56.7

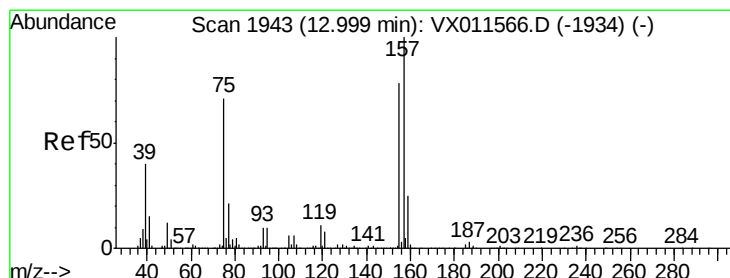
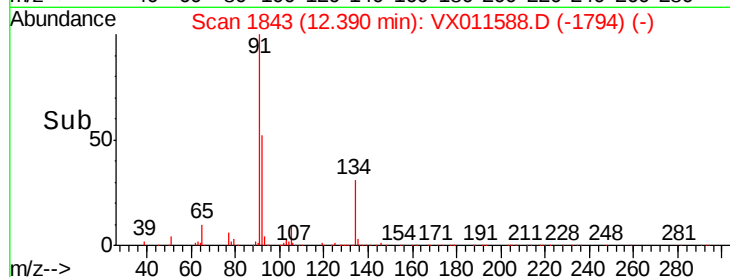
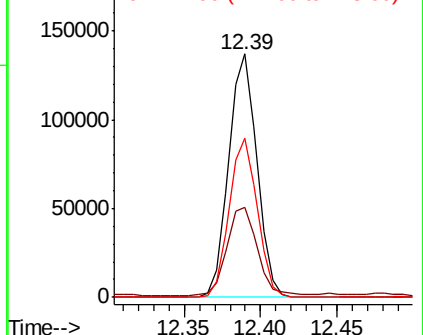
148 64.9 31.9 95.9



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: 16.598 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX011588.D

Acq: 16 Aug 2019 17:58

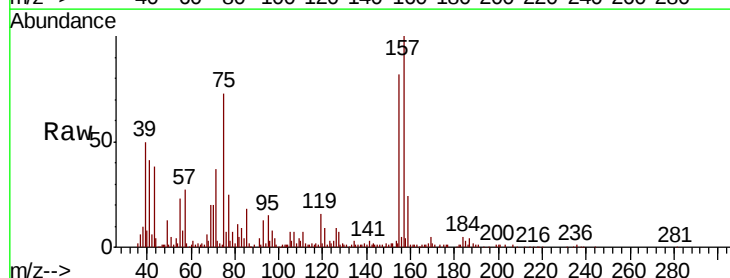
Tgt Ion: 75 Resp: 24103

Ion Ratio Lower Upper

75 100

155 118.2 53.0 159.0

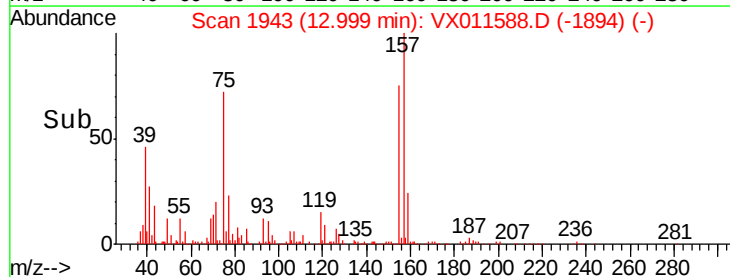
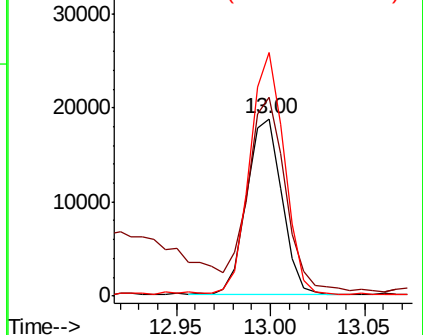
157 135.2 68.3 205.1

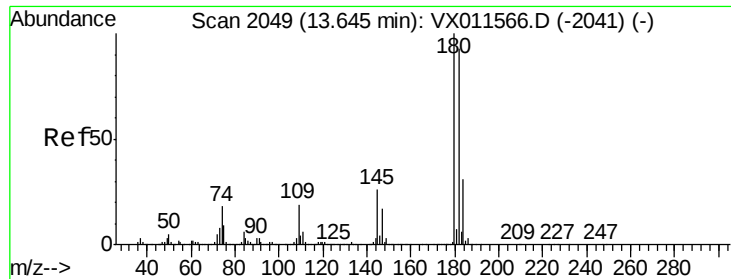


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

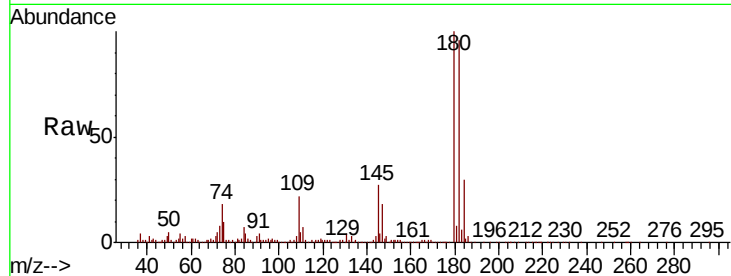




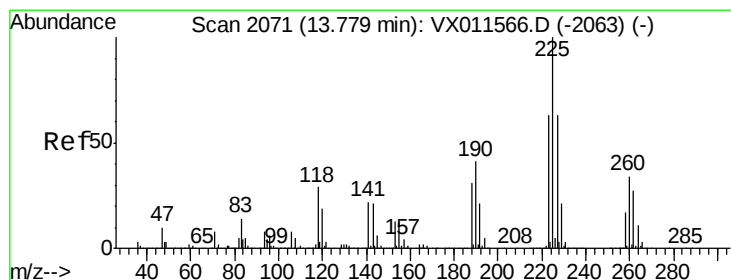
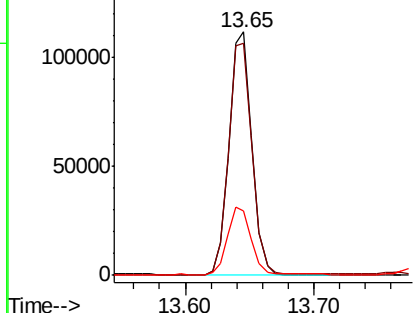
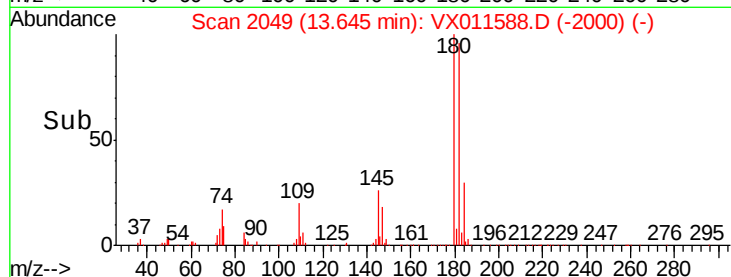
#93
 1,2,4-Trichlorobenzene
 Concen: 19.591 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX011588.D
 Acq: 16 Aug 2019 17:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0816WBSD01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.4	47.3	142.0
145	29.4	13.6	40.8

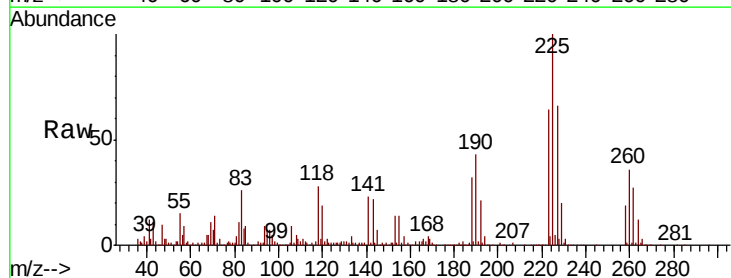


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

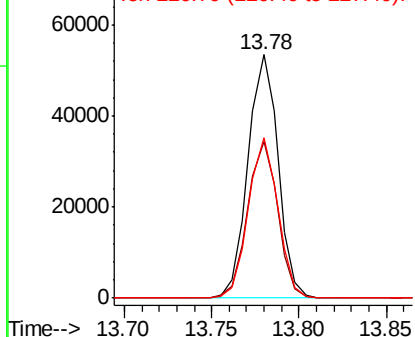
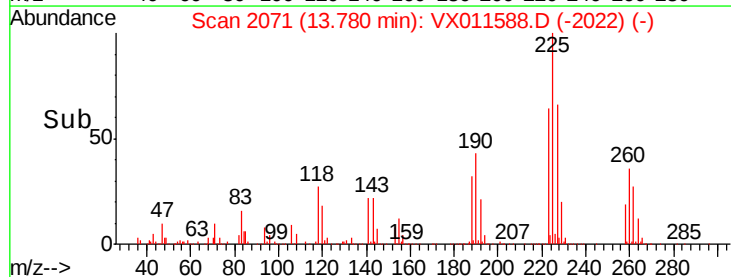


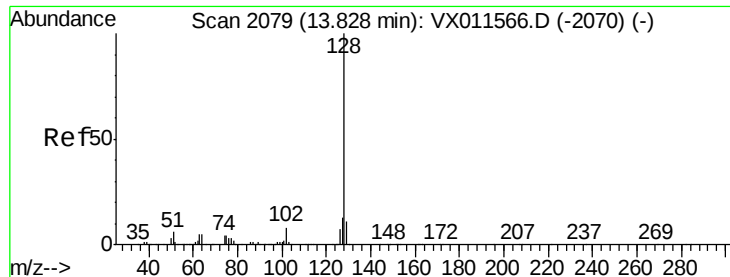
#94
 Hexachlorobutadiene
 Concen: 16.738 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX011588.D
 Acq: 16 Aug 2019 17:58

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.3	31.4	94.0
227	64.6	31.2	93.6



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: 22.078 ug/l

RT: 13.83 min Scan# 2079

Delta R.T. 0.00 min

Lab File: VX011588.D

Acq: 16 Aug 2019 17:58

Instrument :

MSVOA_X

ClientSampleId :

VX0816WBSD01

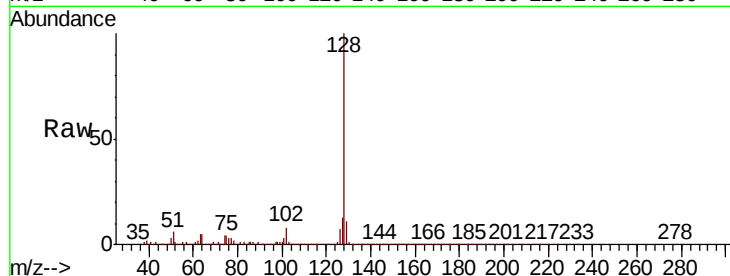
Tgt Ion:128 Resp: 440524

Ion Ratio Lower Upper

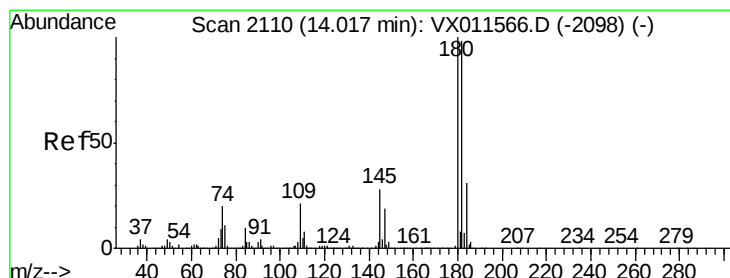
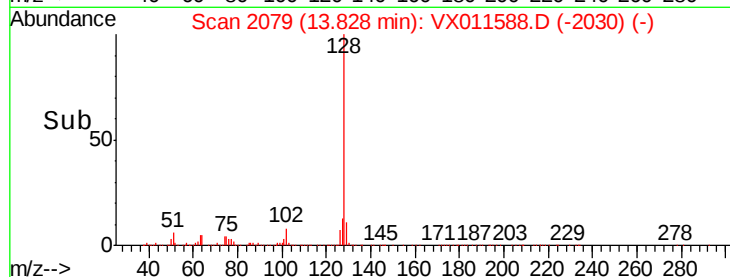
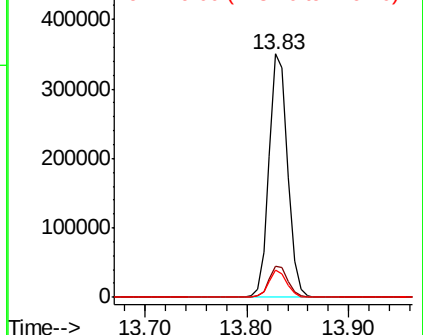
128 100

127 13.1 10.3 15.5

129 10.7 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.931 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX011588.D

Acq: 16 Aug 2019 17:58

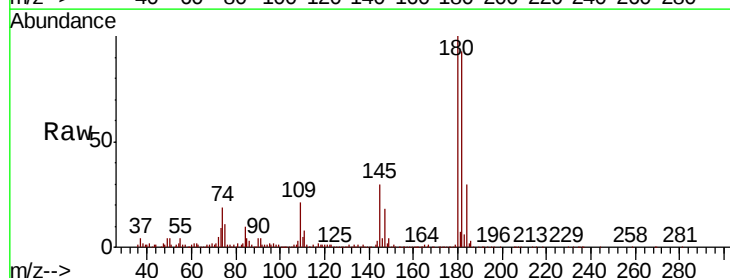
Tgt Ion:180 Resp: 141884

Ion Ratio Lower Upper

180 100

182 93.9 48.0 144.0

145 29.7 14.6 43.8



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

