

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082019\
 Data File : VX011677.D
 Acq On : 20 Aug 2019 12:17
 Operator : JC/SP
 Sample : VX0820MBS01
 Misc : 5.0g/10mL/100uL/10mL/MSVOA_X/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0820MBS01

Quant Time: Aug 31 00:48:37 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	319356	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	471455	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	411235	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	232687	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	154720	52.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.48%	
35) Dibromofluoromethane	5.49	113	140559	45.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.16%	
50) Toluene-d8	8.71	98	461969	48.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.16%	
62) 4-Bromofluorobenzene	11.13	95	186418	45.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.94%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.19	85	72111	22.972	ug/l 99
3) Chloromethane	1.32	50	61754	18.941	ug/l 100
4) Vinyl Chloride	1.40	62	58506	19.865	ug/l 99
5) Bromomethane	1.64	94	38805	29.405	ug/l 99
6) Chloroethane	1.72	64	32283	23.160	ug/l 100
7) Trichlorofluoromethane	1.92	101	93662	22.960	ug/l 99
8) Diethyl Ether	2.18	74	31124	22.242	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	59434	21.093	ug/l 98
10) Methyl Iodide	2.50	142	71265	17.754	ug/l 99
11) Tert butyl alcohol	3.04	59	76291	105.002	ug/l 98
12) 1,1-Dichloroethene	2.37	96	54948	20.179	ug/l 96
13) Acrolein	2.29	56	25413	120.317	ug/l 93
14) Allyl chloride	2.72	41	92959	20.522	ug/l 98
15) Acrylonitrile	3.13	53	182780	109.917	ug/l 99
16) Acetone	2.43	43	156562	105.135	ug/l 100
17) Carbon Disulfide	2.56	76	116375	18.137	ug/l 100
18) Methyl Acetate	2.76	43	104012	22.521	ug/l 100
19) Methyl tert-butyl Ether	3.18	73	197714	22.294	ug/l 98
20) Methylene Chloride	2.85	84	66636	21.312	ug/l 98
21) trans-1,2-Dichloroethene	3.16	96	60390	20.928	ug/l 99
22) Diisopropyl ether	3.85	45	197637	21.909	ug/l 95
23) Vinyl Acetate	3.81	43	772970	108.208	ug/l 99
24) 1,1-Dichloroethane	3.69	63	109626	21.494	ug/l 98
25) 2-Butanone	4.66	43	243444	104.132	ug/l 99
26) 2,2-Dichloropropane	4.57	77	81725	21.290	ug/l 98
27) cis-1,2-Dichloroethene	4.59	96	69919	20.785	ug/l 98
28) Bromochloromethane	5.01	49	43210	19.299	ug/l 99
29) Tetrahydrofuran	5.12	42	159218	103.823	ug/l 98
30) Chloroform	5.20	83	110230	20.479	ug/l 95
31) Cyclohexane	5.57	56	92437	21.050	ug/l 98
32) 1,1,1-Trichloroethane	5.49	97	101443	21.918	ug/l 99
36) 1,1-Dichloropropene	5.79	75	82253	20.406	ug/l 99
37) Ethyl Acetate	4.82	43	90745	19.573	ug/l 99
38) Carbon Tetrachloride	5.77	117	85481	19.248	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	94697	19.024	ug/l	97
40) Benzene	6.14	78	234907	18.753	ug/l	100
41) Methacrylonitrile	5.03	41	51351	20.124	ug/l	99
42) 1,2-Dichloroethane	6.18	62	92336	21.276	ug/l	97
43) Isopropyl Acetate	6.44	43	139338	19.258	ug/l	98
44) Trichloroethene	7.21	130	74929	20.164	ug/l	99
45) 1,2-Dichloropropane	7.51	63	64065	20.508	ug/l	99
46) Dibromomethane	7.66	93	45151	19.889	ug/l	97
47) Bromodichloromethane	7.89	83	78323	18.790	ug/l	99
48) Methyl methacrylate	7.77	41	71324	19.906	ug/l	98
49) 1,4-Dioxane	7.74	88	37679	395.363	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	486880	102.806	ug/l	99
52) Toluene	8.78	92	162966	20.421	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	82684	19.113	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	89174	18.836	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	70208	20.688	ug/l	96
56) Ethyl methacrylate	9.18	69	100737	20.423	ug/l	99
57) 1,3-Dichloropropane	9.37	76	106805	19.799	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	238378	96.994	ug/l	99
59) 2-Hexanone	9.49	43	369641	101.213	ug/l	100
60) Dibromochloromethane	9.58	129	66218	18.728	ug/l	99
61) 1,2-Dibromoethane	9.67	107	72570	20.037	ug/l	100
64) Tetrachloroethene	9.33	164	72180	21.392	ug/l	97
65) Chlorobenzene	10.13	112	175120	19.965	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	64753	19.751	ug/l	99
67) Ethyl Benzene	10.25	91	303230	20.715	ug/l	98
68) m/p-Xylenes	10.36	106	234693	41.768	ug/l	96
69) o-Xylene	10.69	106	116264	21.124	ug/l	99
70) Styrene	10.71	104	194377	20.978	ug/l	99
71) Bromoform	10.85	173	49458	17.794	ug/l #	99
73) Isopropylbenzene	11.02	105	298702	19.783	ug/l	99
74) N-amyl acetate	10.90	43	123452	19.240	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	103221	19.873	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	111128	25.186	ug/l	85
77) Bromobenzene	11.26	156	88757	19.758	ug/l	97
78) n-propylbenzene	11.36	91	336517	20.669	ug/l	99
79) 2-Chlorotoluene	11.42	91	208524	20.858	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	267759	21.111	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	23121	17.408	ug/l #	84
82) 4-Chlorotoluene	11.51	91	242591	20.916	ug/l	98
83) tert-Butylbenzene	11.77	119	267114	20.678	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	267244	20.988	ug/l	99
85) sec-Butylbenzene	11.94	105	303464	20.822	ug/l	100
86) p-Isopropyltoluene	12.06	119	289639	21.124	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	156368	20.251	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	156484	19.996	ug/l	99
89) n-Butylbenzene	12.38	91	231084	20.500	ug/l	99
90) Hexachloroethane	12.59	117	40116	18.528	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	158495	20.449	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	21461	18.060	ug/l	92

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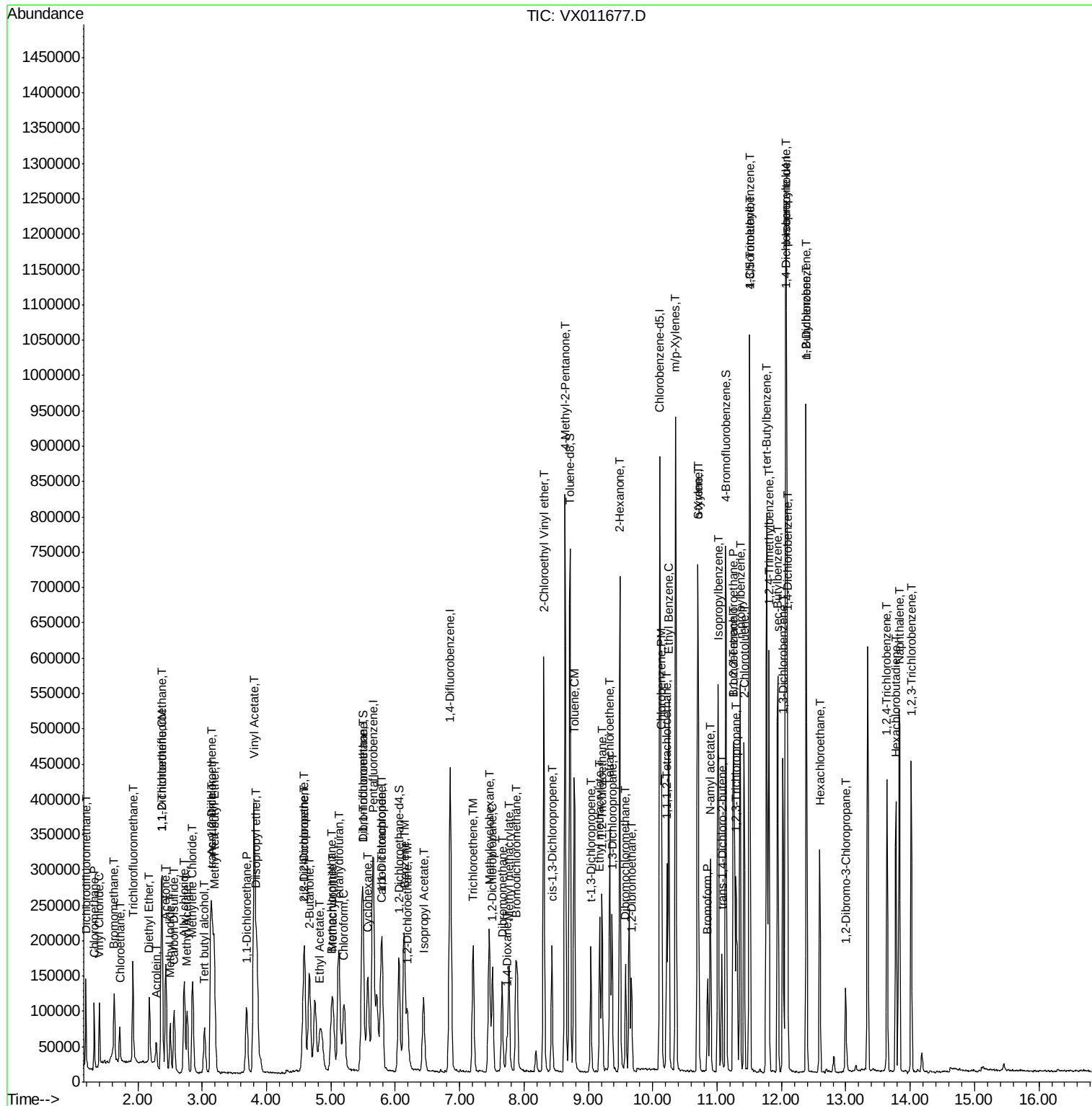
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	113916	19.725	ug/l	98
94) Hexachlorobutadiene	13.78	225	62349	19.827	ug/l	99
95) Naphthalene	13.83	128	338345	20.723	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	118261	20.302	ug/l	99

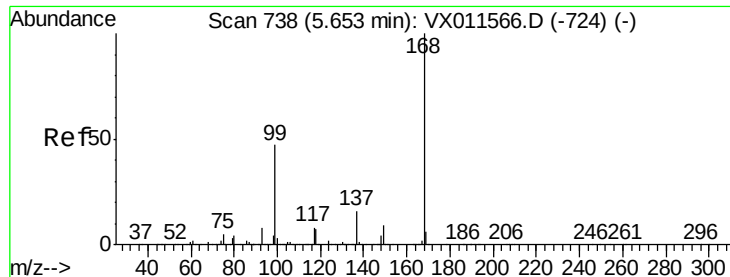
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX082019\
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.01 min

Lab File: VX011677.D

Acq: 20 Aug 2019 12:17

Instrument :

MSVOA_X

ClientSampleId :

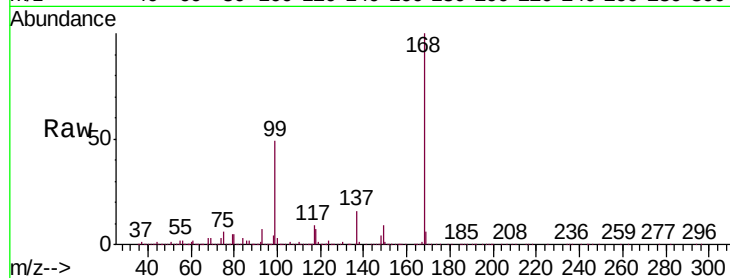
VX0820MBS01

Tgt Ion:168 Resp: 319356

Ion Ratio Lower Upper

168 100

99 48.6 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

120000

100000

80000

60000

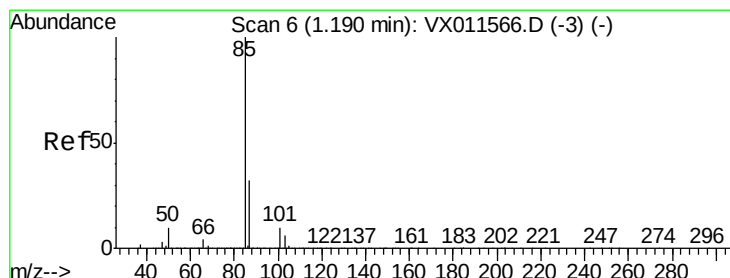
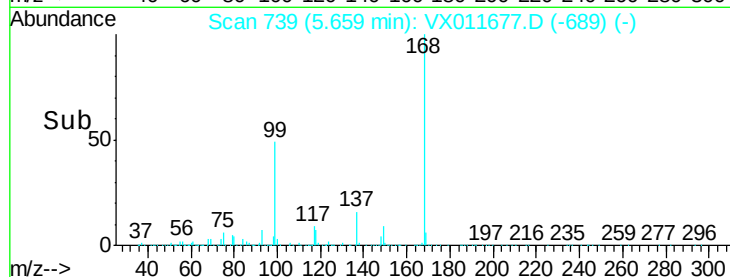
40000

20000

0

5.50 5.60 5.70

Time-->



#2

Dichlorodifluoromethane

Concen: 22.972 ug/l

RT: 1.19 min Scan# 6

Delta R.T. -0.00 min

Lab File: VX011677.D

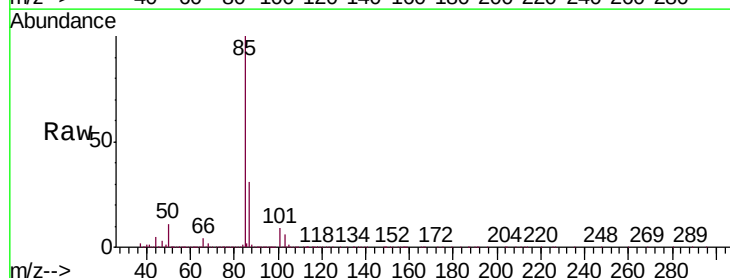
Acq: 20 Aug 2019 12:17

Tgt Ion: 85 Resp: 72111

Ion Ratio Lower Upper

85 100

87 31.3 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

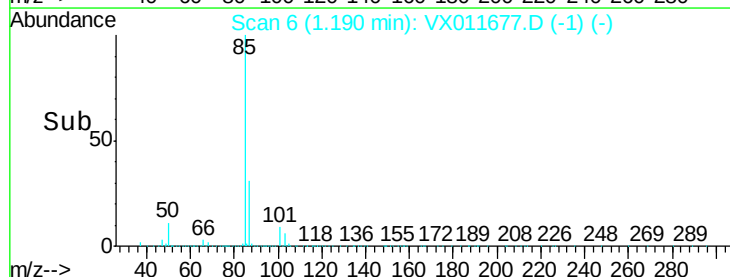
40000

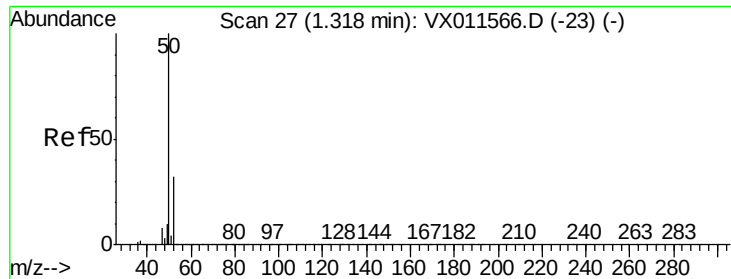
20000

0

1.15 1.20 1.25

Time-->

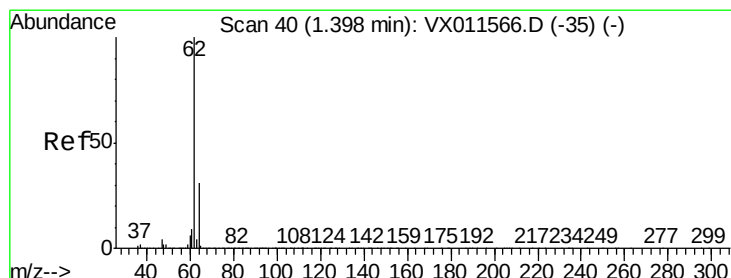
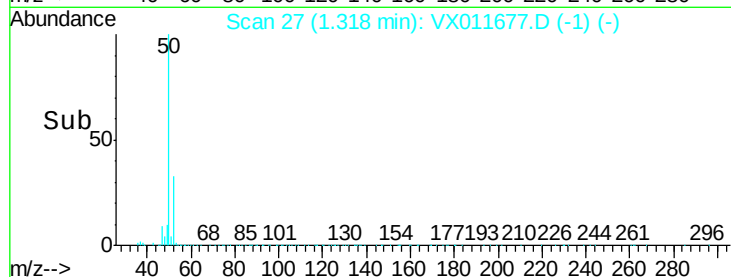
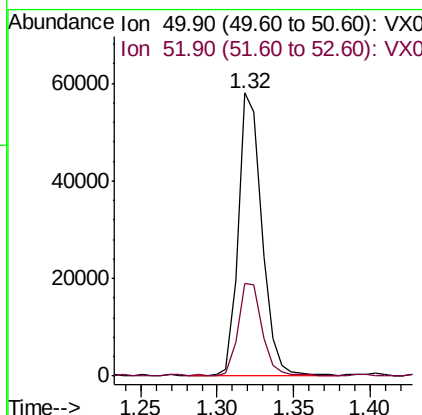
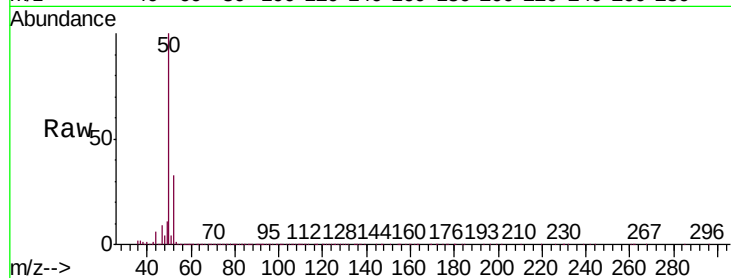




#3
Chloromethane
Concen: 18.941 ug/l
RT: 1.32 min Scan# 27
Delta R.T. -0.00 min
Lab File: VX011677.D
Acq: 20 Aug 2019 12:17

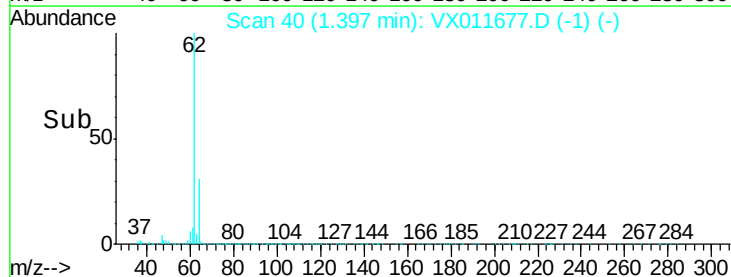
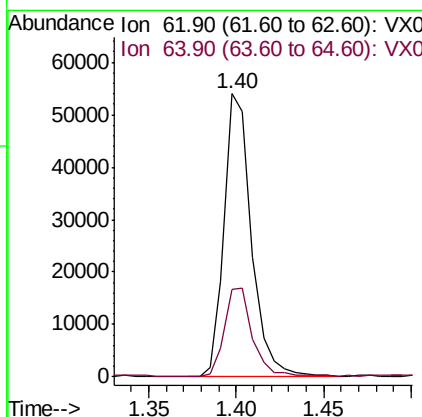
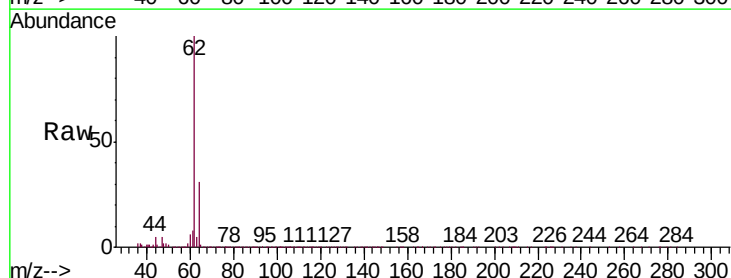
Instrument :
MSVOA_X
ClientSampleId :
VX0820MBS01

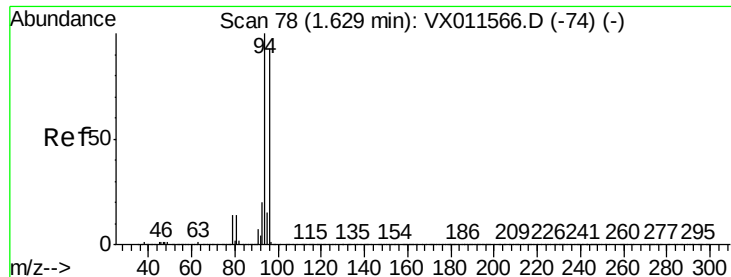
Tgt Ion: 50 Resp: 61754
Ion Ratio Lower Upper
50 100
52 32.5 26.0 39.0



#4
Vinyl Chloride
Concen: 19.865 ug/l
RT: 1.40 min Scan# 40
Delta R.T. -0.00 min
Lab File: VX011677.D
Acq: 20 Aug 2019 12:17

Tgt Ion: 62 Resp: 58506
Ion Ratio Lower Upper
62 100
64 30.6 25.0 37.4





#5

Bromomethane

Concen: 29.405 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.01 min

Lab File: VX011677.D

Acq: 20 Aug 2019 12:17

Instrument :

MSVOA_X

ClientSampleId :

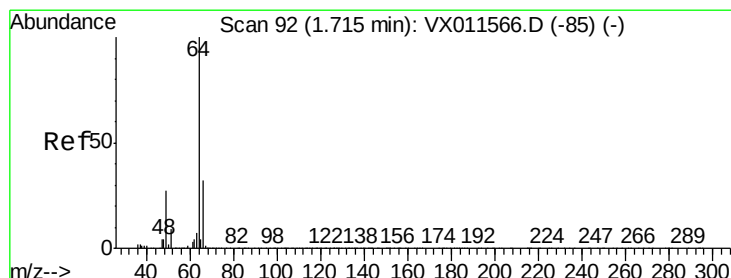
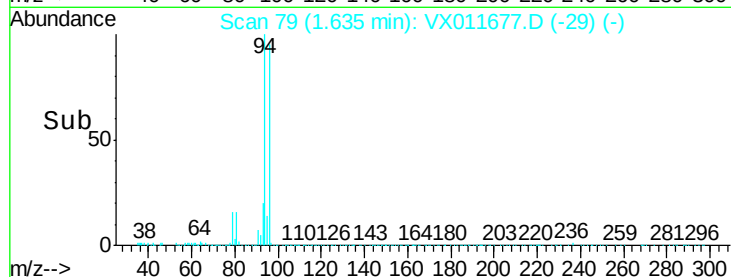
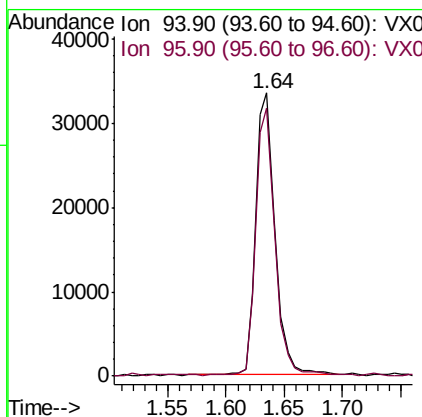
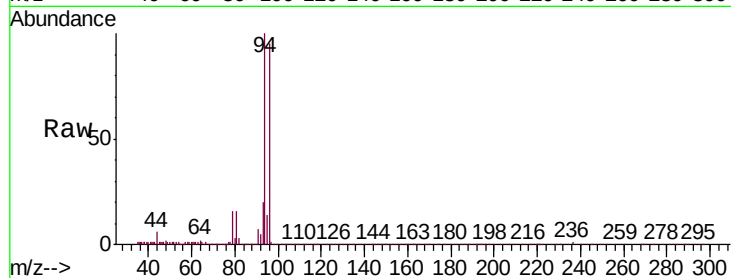
VX0820MBS01

Tgt Ion: 94 Resp: 38805

Ion Ratio Lower Upper

94 100

96 94.4 74.8 112.2



#6

Chloroethane

Concen: 23.160 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX011677.D

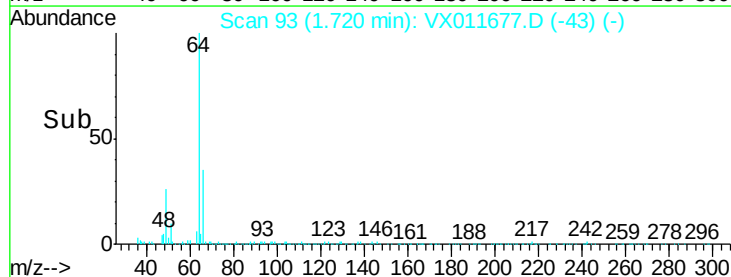
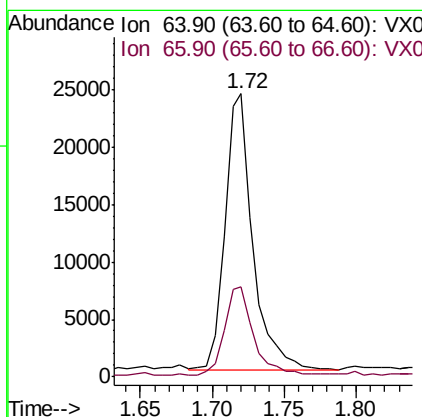
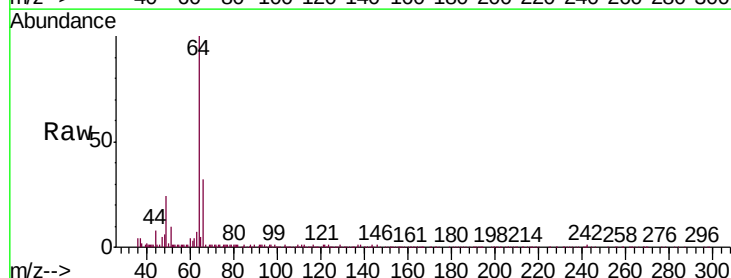
Acq: 20 Aug 2019 12:17

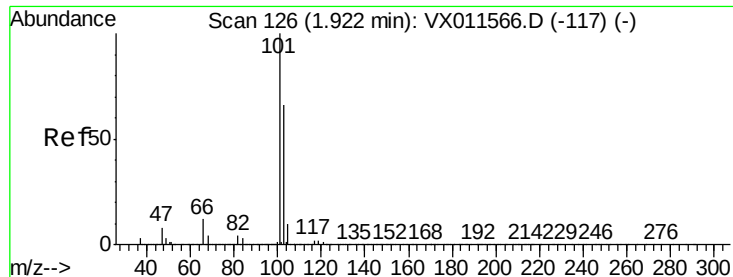
Tgt Ion: 64 Resp: 32283

Ion Ratio Lower Upper

64 100

66 31.7 25.3 37.9



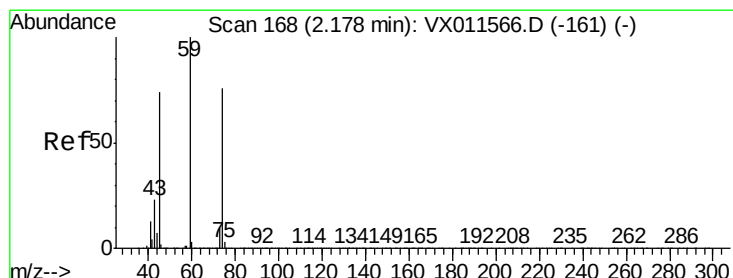
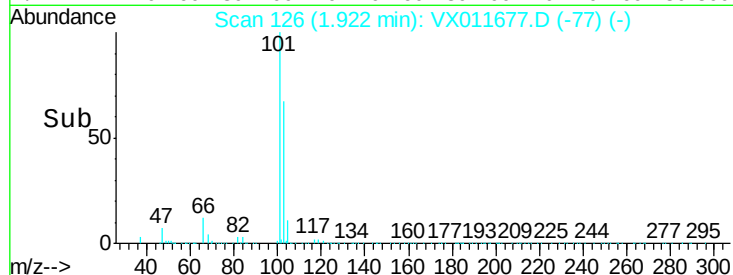
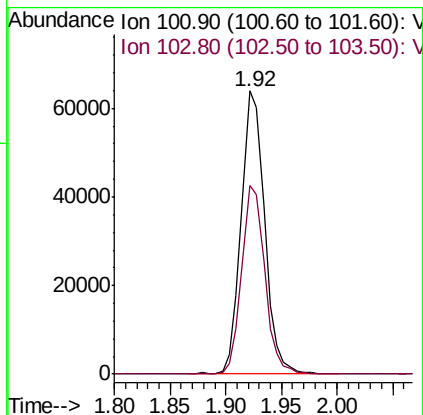
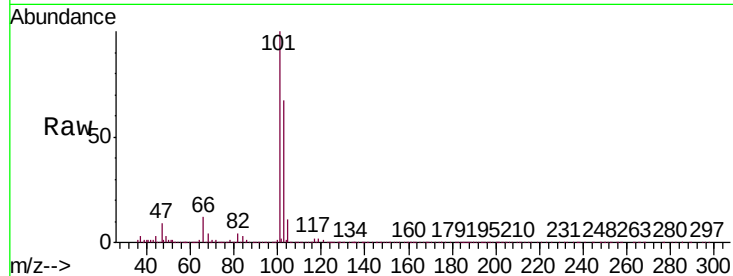


#7

Trichlorofluoromethane
Concen: 22.960 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.00 min
Lab File: VX011677.D
Acq: 20 Aug 2019 12:17

Instrument :
MSVOA_X
ClientSampleId :
VX0820MBS01

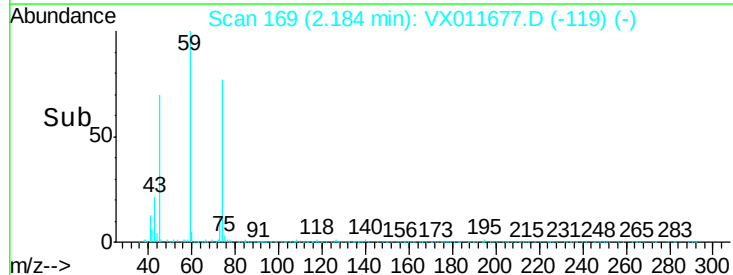
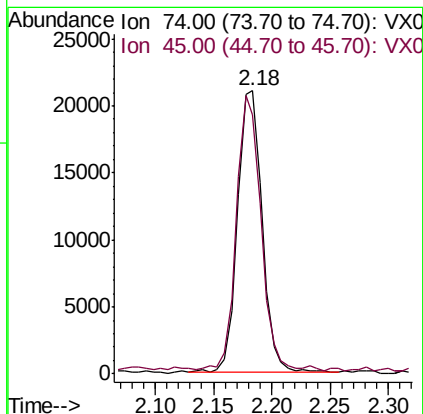
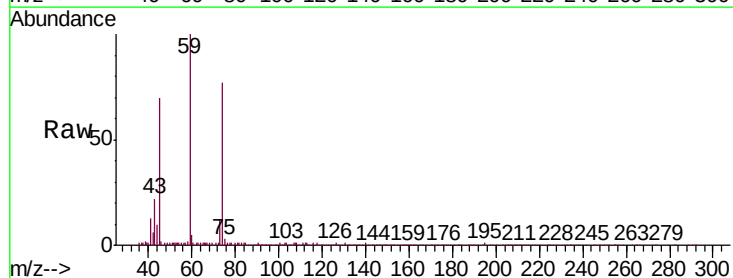
Tgt Ion:101 Resp: 93662
Ion Ratio Lower Upper
101 100
103 66.6 52.9 79.3

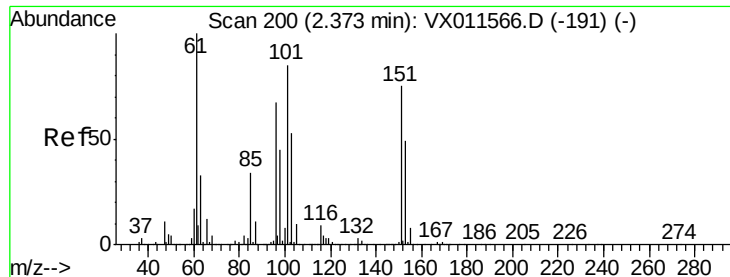


#8

Diethyl Ether
Concen: 22.242 ug/l
RT: 2.18 min Scan# 169
Delta R.T. 0.01 min
Lab File: VX011677.D
Acq: 20 Aug 2019 12:17

Tgt Ion: 74 Resp: 31124
Ion Ratio Lower Upper
74 100
45 96.1 48.2 144.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.093 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.01 min

Lab File: VX011677.D

Acq: 20 Aug 2019 12:17

Instrument :

MSVOA_X

ClientSampleId :

VX0820MBS01

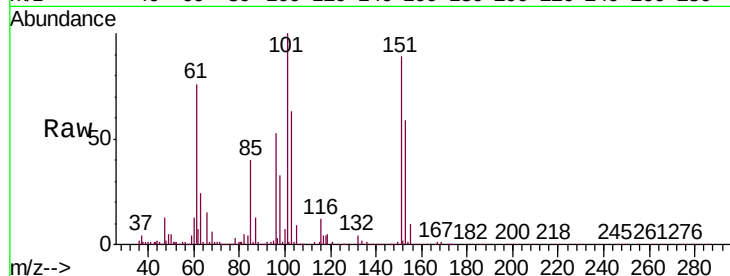
Tgt Ion:101 Resp: 59434

Ion Ratio Lower Upper

101 100

85 42.2 33.0 49.4

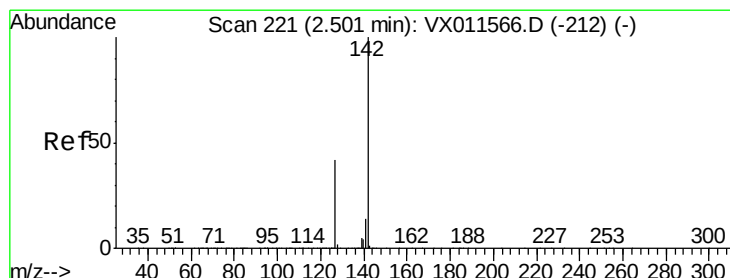
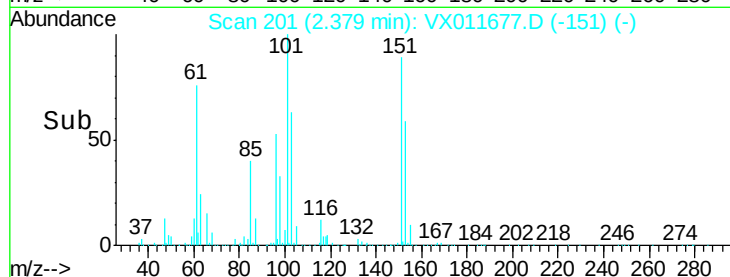
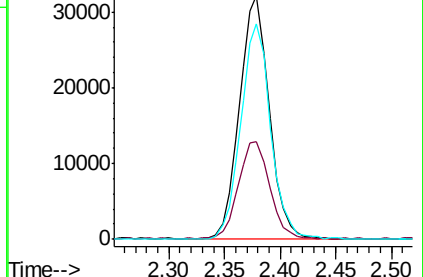
151 89.7 73.3 109.9



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: 17.754 ug/l

RT: 2.50 min Scan# 221

Delta R.T. -0.00 min

Lab File: VX011677.D

Acq: 20 Aug 2019 12:17

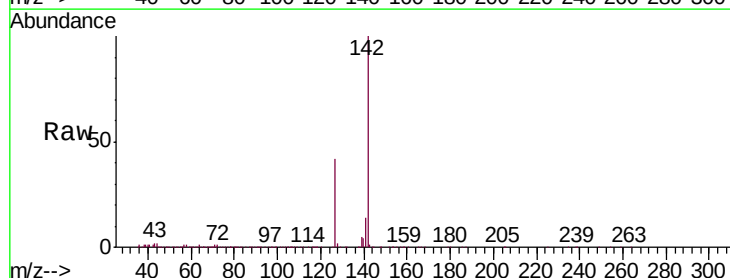
Tgt Ion:142 Resp: 71265

Ion Ratio Lower Upper

142 100

127 40.2 32.8 49.2

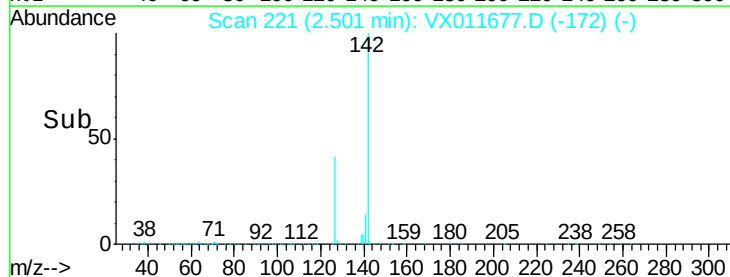
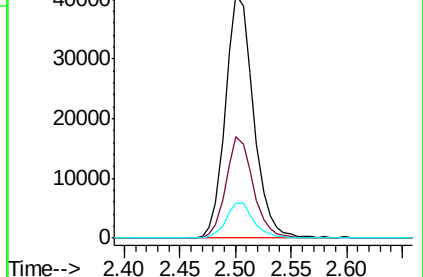
141 14.4 11.4 17.2

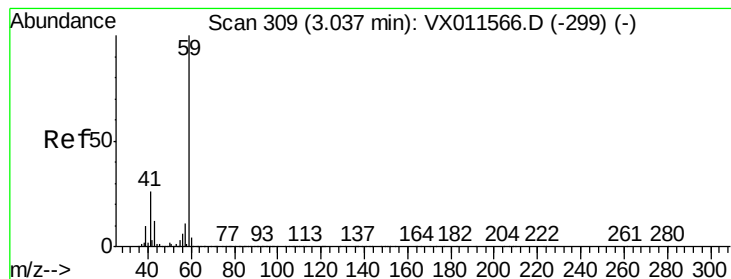


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



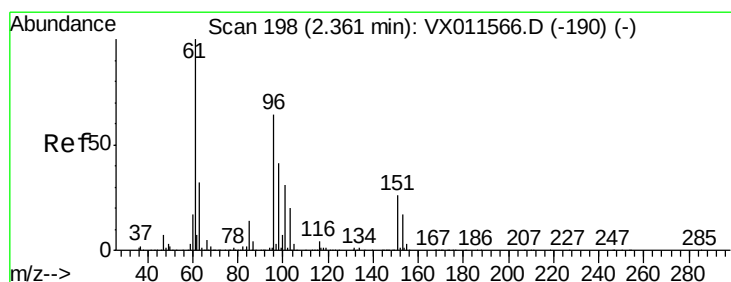
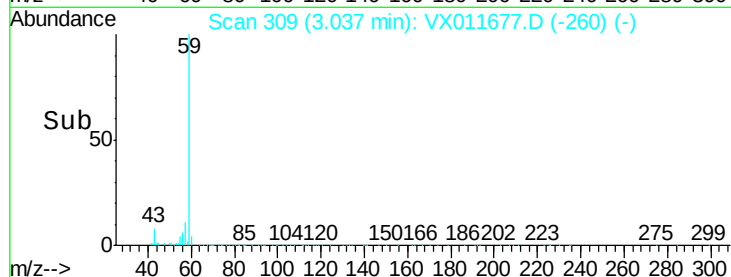
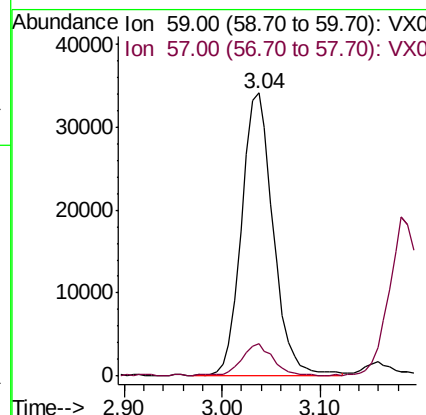
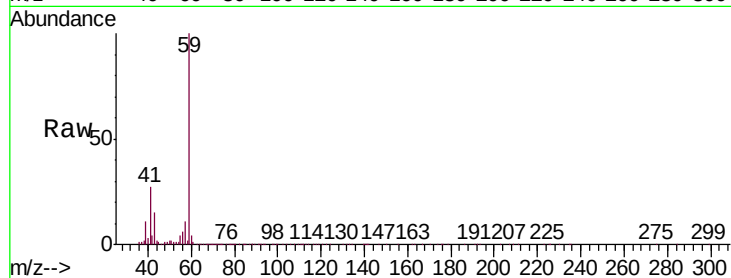


#11

Tert butyl alcohol
Concen: 105.002 ug/l
RT: 3.04 min Scan# 309
Delta R.T. -0.00 min
Lab File: VX011677.D
Acq: 20 Aug 2019 12:17

Instrument :
MSVOA_X
ClientSampleId :
VX0820MBS01

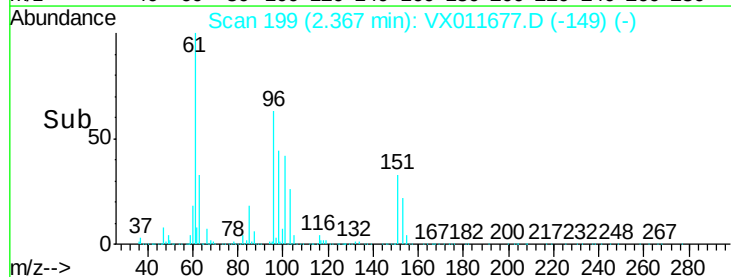
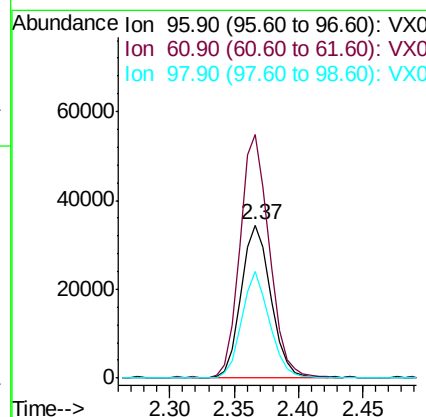
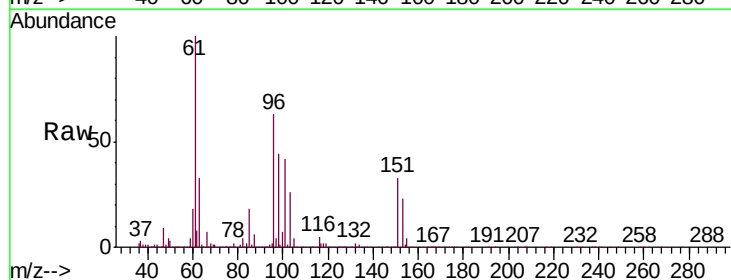
Tgt Ion: 59 Resp: 76291
Ion Ratio Lower Upper
59 100
57 11.5 8.7 13.1

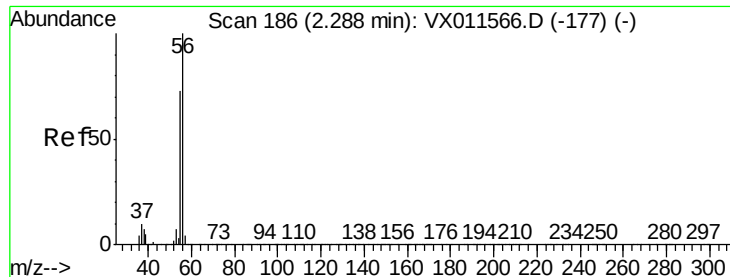


#12

1,1-Dichloroethene
Concen: 20.179 ug/l
RT: 2.37 min Scan# 199
Delta R.T. 0.01 min
Lab File: VX011677.D
Acq: 20 Aug 2019 12:17

Tgt Ion: 96 Resp: 54948
Ion Ratio Lower Upper
96 100
61 159.2 125.0 187.4
98 69.8 51.5 77.3





#13

Acrolein

Concen: 120.317 ug/l

RT: 2.29 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX011677.D

Acq: 20 Aug 2019 12:17

Instrument :

MSVOA_X

ClientSampleId :

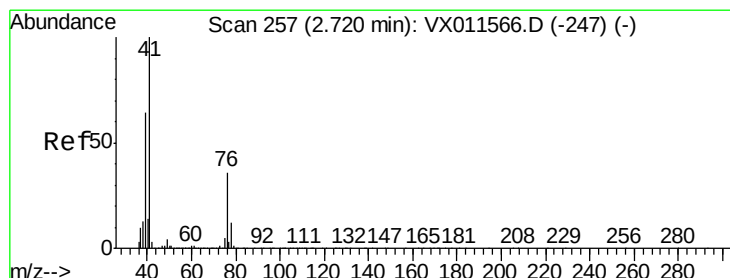
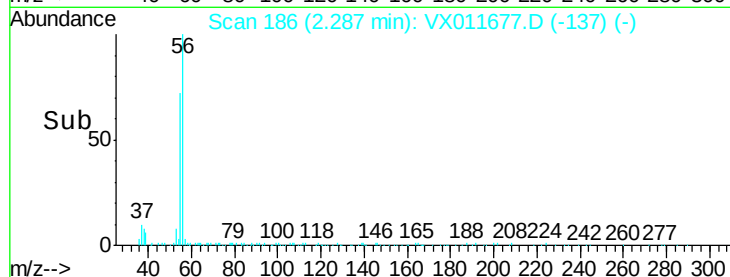
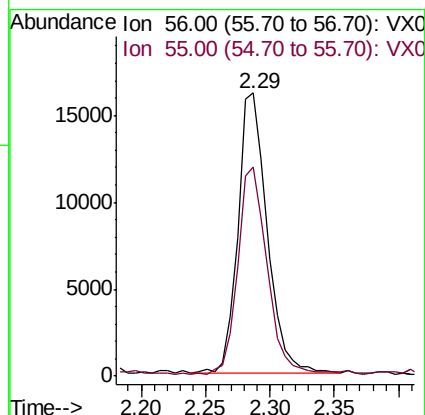
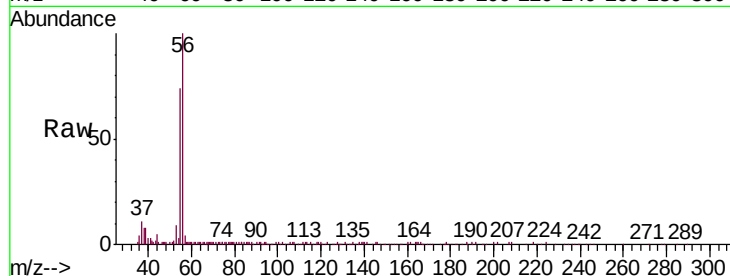
VX0820MBS01

Tgt Ion: 56 Resp: 25413

Ion Ratio Lower Upper

56 100

55 75.2 55.5 83.3



#14

Allyl chloride

Concen: 20.522 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.00 min

Lab File: VX011677.D

Acq: 20 Aug 2019 12:17

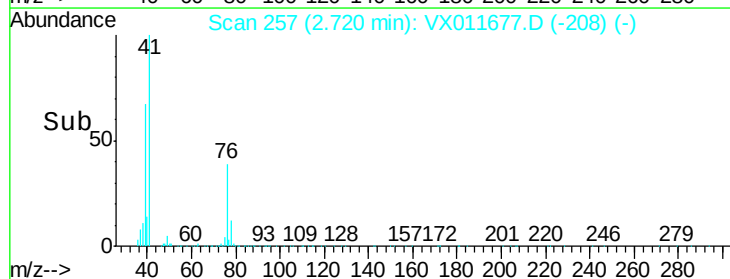
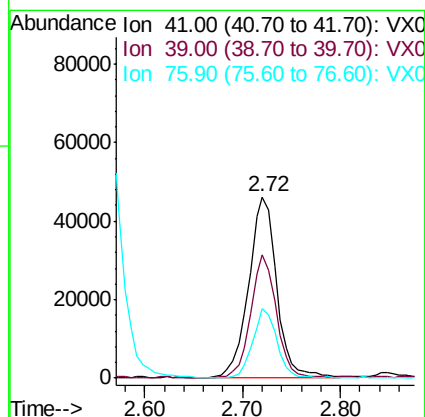
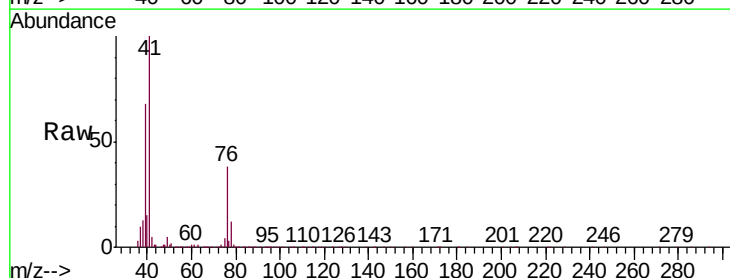
Tgt Ion: 41 Resp: 92959

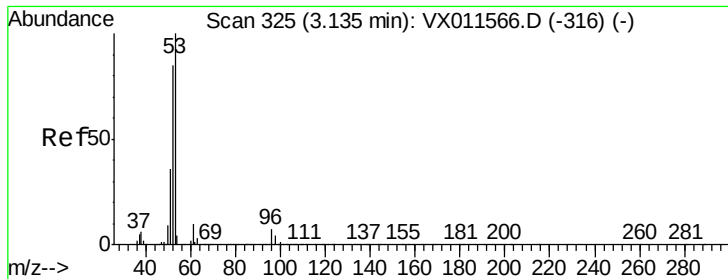
Ion Ratio Lower Upper

41 100

39 61.0 47.5 71.3

76 32.5 26.3 39.5





#15

Acrylonitrile

Concen: 109.917 ug/l

RT: 3.13 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX011677.D

Acq: 20 Aug 2019 12:17

Instrument :

MSVOA_X

ClientSampleId :

VX0820MBS01

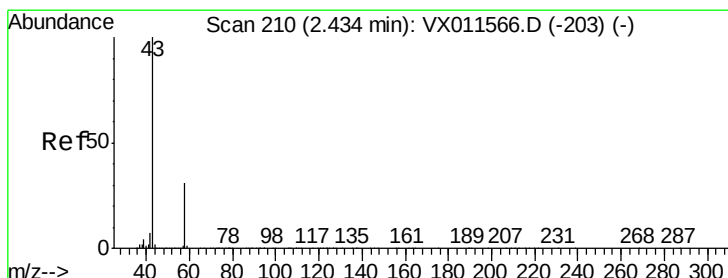
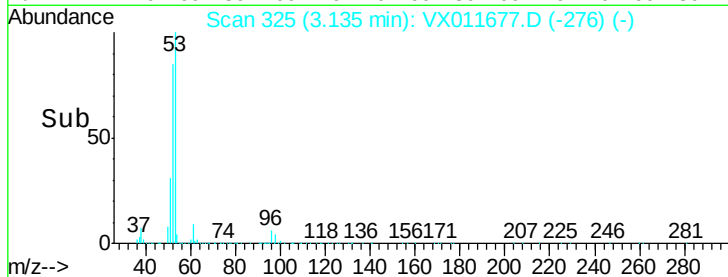
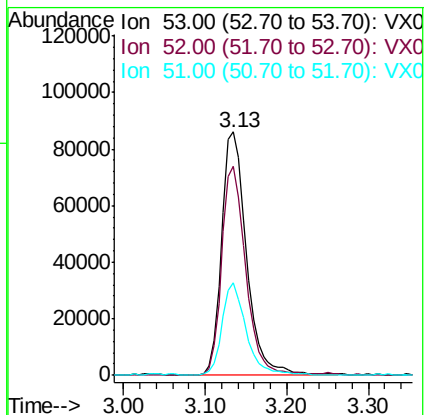
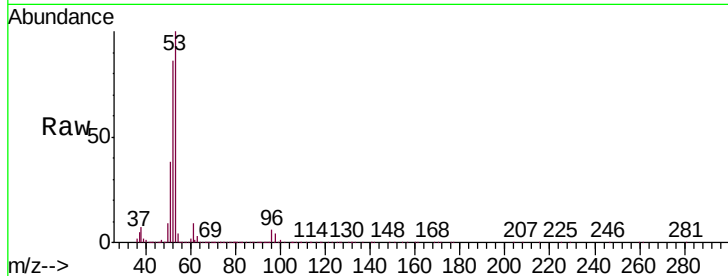
Tgt Ion: 53 Resp: 182780

Ion Ratio Lower Upper

53 100

52 82.4 66.7 100.1

51 36.1 28.7 43.1



#16

Acetone

Concen: 105.135 ug/l

RT: 2.43 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX011677.D

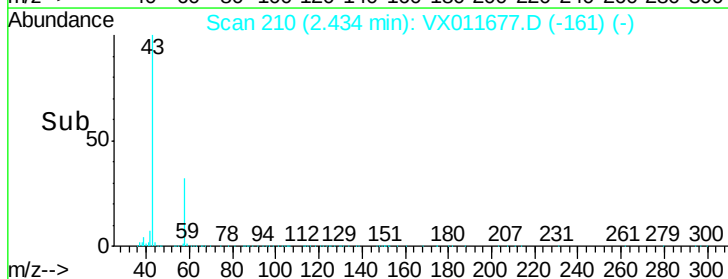
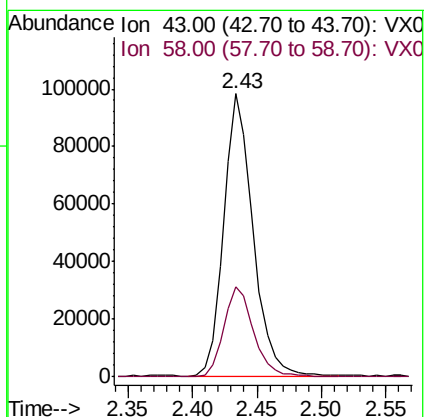
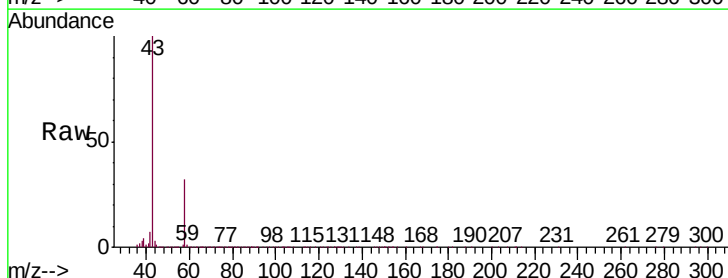
Acq: 20 Aug 2019 12:17

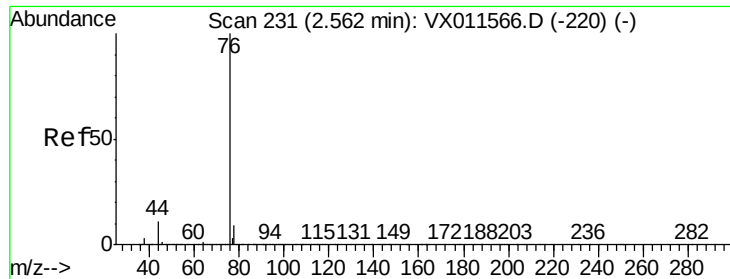
Tgt Ion: 43 Resp: 156562

Ion Ratio Lower Upper

43 100

58 31.7 25.2 37.8

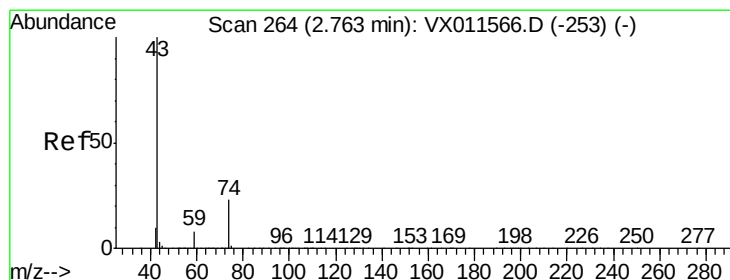
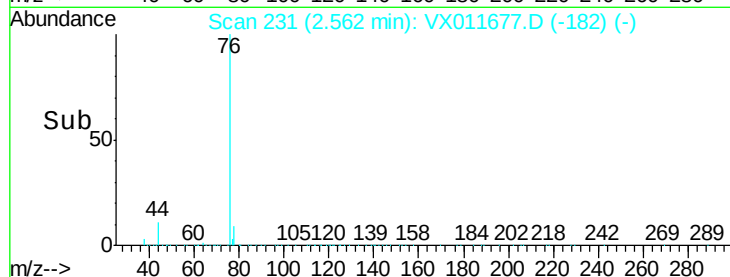
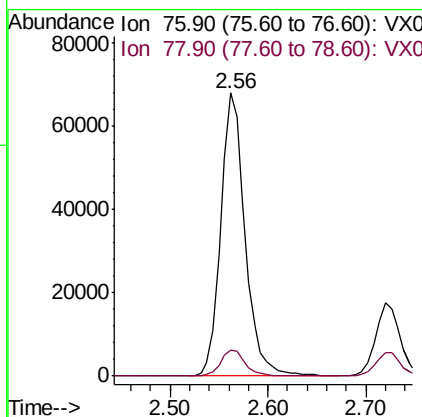
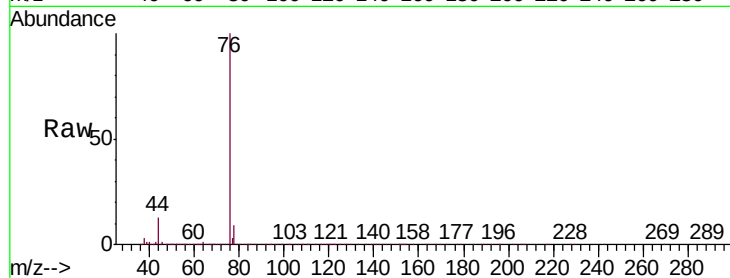




#17
Carbon Disulfide
Concen: 18.137 ug/l
RT: 2.56 min Scan# 231
Delta R.T. -0.00 min
Lab File: VX011677.D
Acq: 20 Aug 2019 12:17

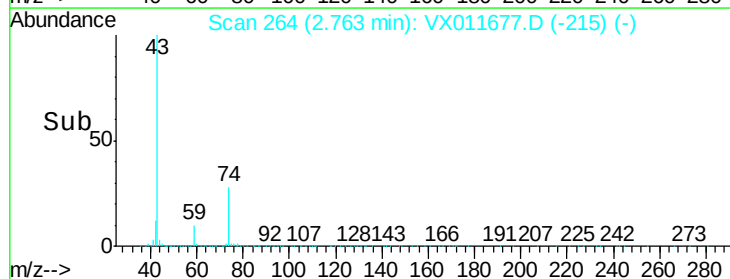
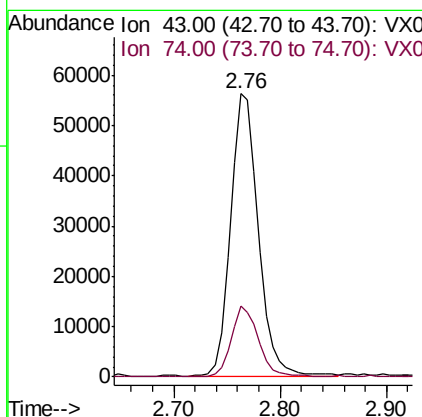
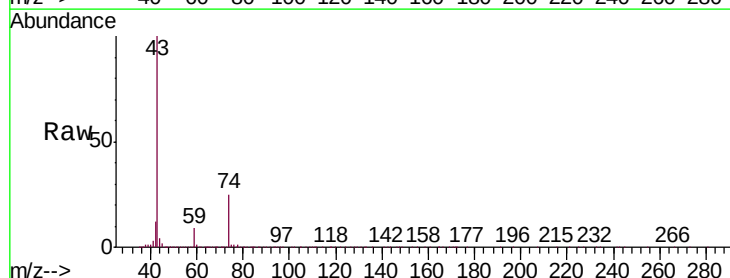
Instrument :
MSVOA_X
ClientSampleId :
VX0820MBS01

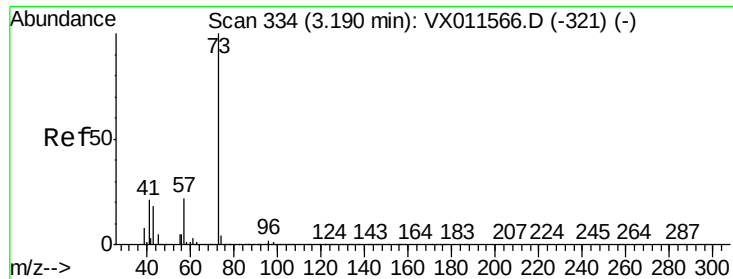
Tgt Ion: 76 Resp: 116375
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 22.521 ug/l
RT: 2.76 min Scan# 264
Delta R.T. -0.00 min
Lab File: VX011677.D
Acq: 20 Aug 2019 12:17

Tgt Ion: 43 Resp: 104012
Ion Ratio Lower Upper
43 100
74 24.6 19.7 29.5



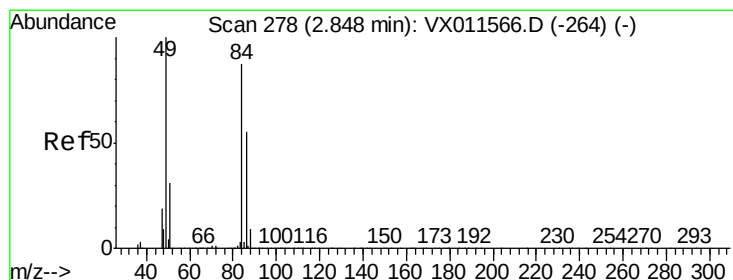
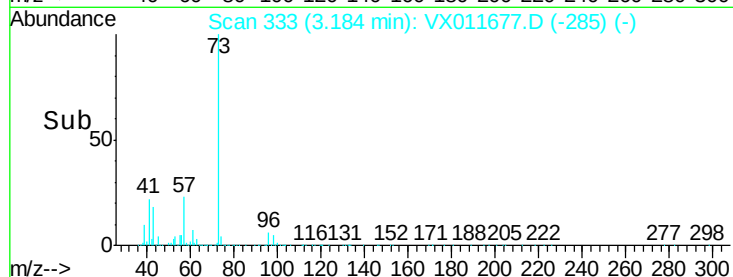
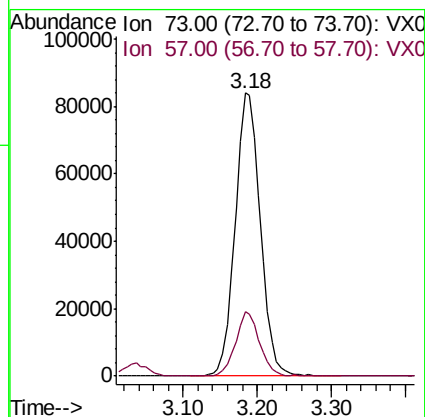
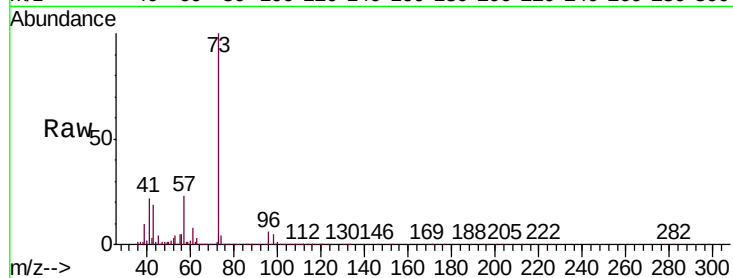


#19

Methyl tert-butyl Ether
 Concen: 22.294 ug/l
 RT: 3.18 min Scan# 333
 Delta R.T. -0.01 min
 Lab File: VX011677.D
 Acq: 20 Aug 2019 12:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0820MBS01

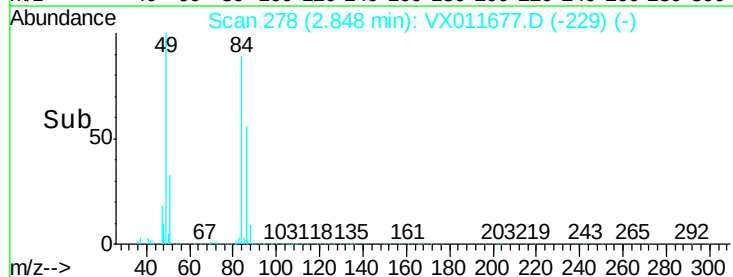
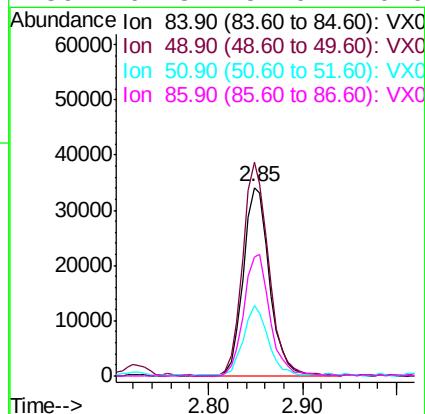
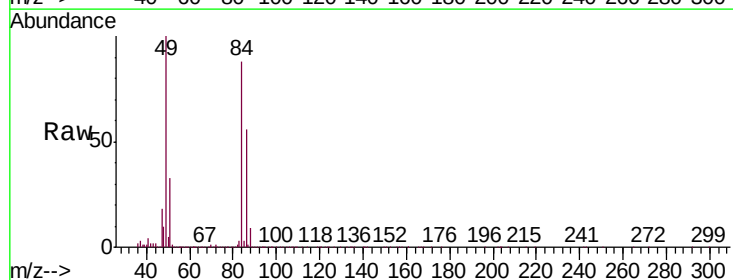
Tgt Ion: 73 Resp: 197714
 Ion Ratio Lower Upper
 73 100
 57 22.7 17.2 25.8

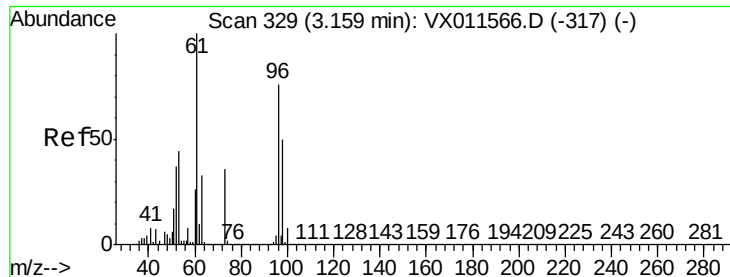


#20

Methylene Chloride
 Concen: 21.312 ug/l
 RT: 2.85 min Scan# 278
 Delta R.T. -0.00 min
 Lab File: VX011677.D
 Acq: 20 Aug 2019 12:17

Tgt Ion: 84 Resp: 66636
 Ion Ratio Lower Upper
 84 100
 49 112.8 92.4 138.6
 51 37.1 28.5 42.7
 86 62.8 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 20.928 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX011677.D

Acq: 20 Aug 2019 12:17

Instrument :

MSVOA_X

ClientSampleId :

VX0820MBS01

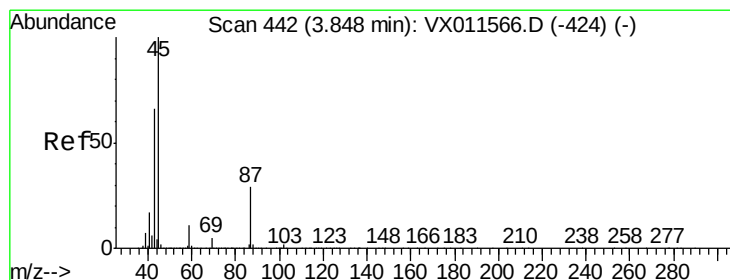
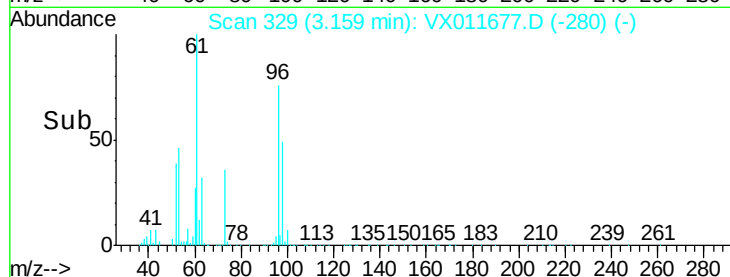
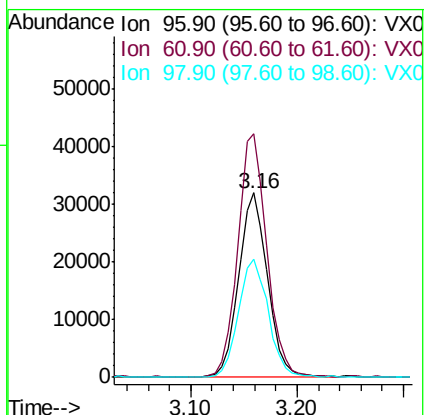
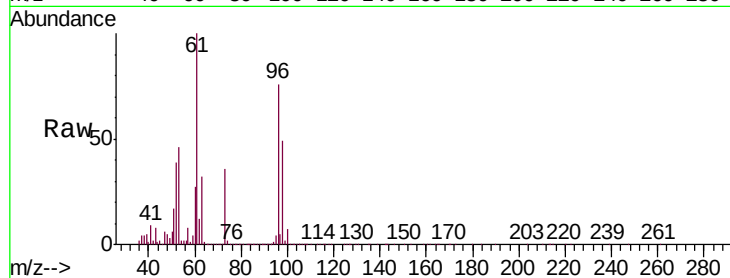
Tgt Ion: 96 Resp: 60390

Ion Ratio Lower Upper

96 100

61 132.1 105.5 158.3

98 64.3 52.6 78.8



#22

Diisopropyl ether

Concen: 21.909 ug/l

RT: 3.85 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX011677.D

Acq: 20 Aug 2019 12:17

Tgt Ion: 45 Resp: 197637

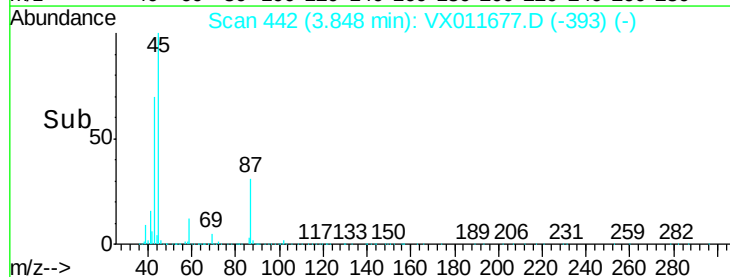
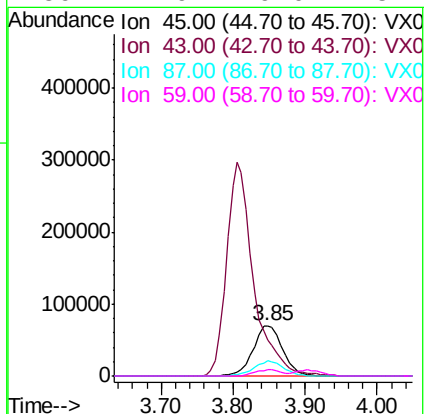
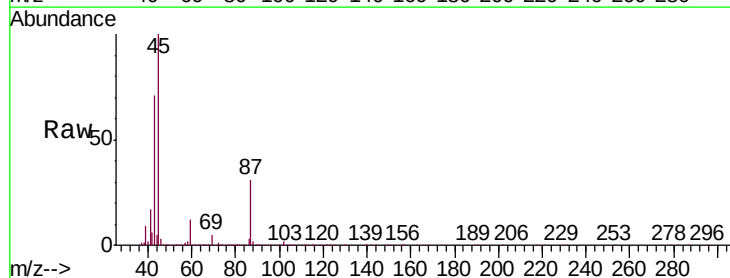
Ion Ratio Lower Upper

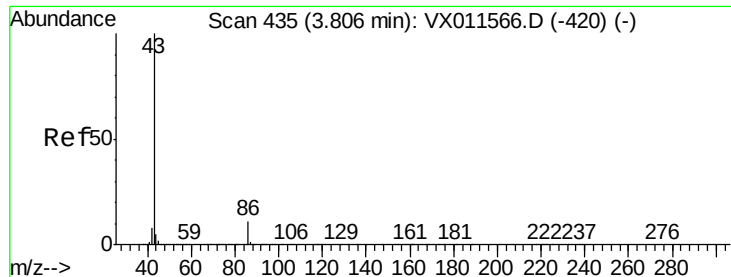
45 100

43 70.5 52.7 79.1

87 30.9 23.5 35.3

59 11.9 9.0 13.4





#23

Vinyl Acetate

Concen: 108.208 ug/l

RT: 3.81 min Scan# 435

Delta R.T. -0.00 min

Lab File: VX011677.D

Acq: 20 Aug 2019 12:17

Instrument :

MSVOA_X

ClientSampleId :

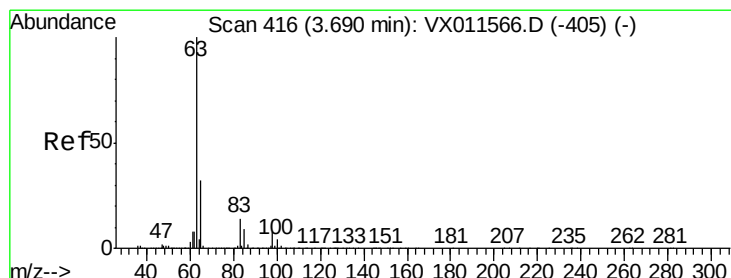
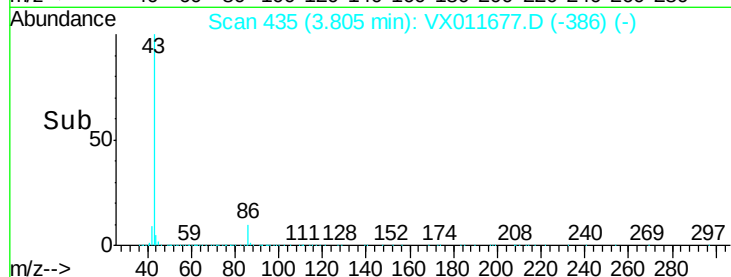
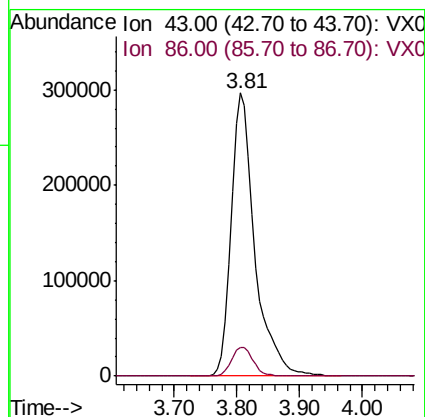
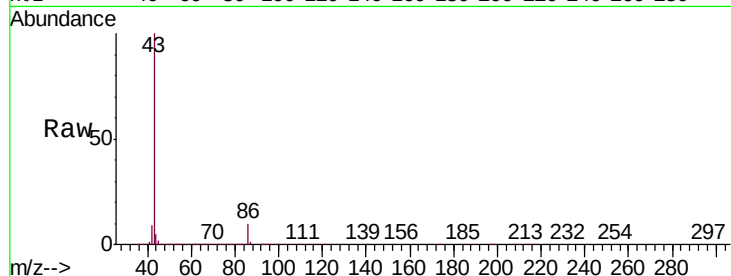
VX0820MBS01

Tgt Ion: 43 Resp: 772970

Ion Ratio Lower Upper

43 100

86 10.3 8.6 13.0



#24

1,1-Dichloroethane

Concen: 21.494 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.00 min

Lab File: VX011677.D

Acq: 20 Aug 2019 12:17

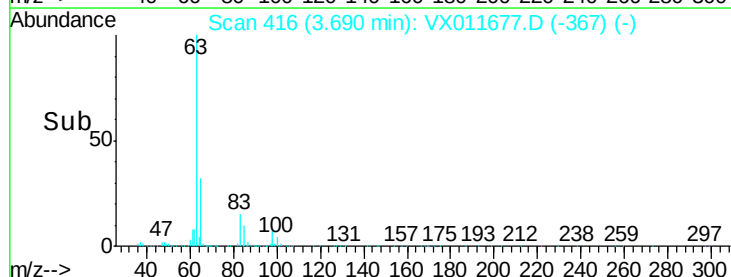
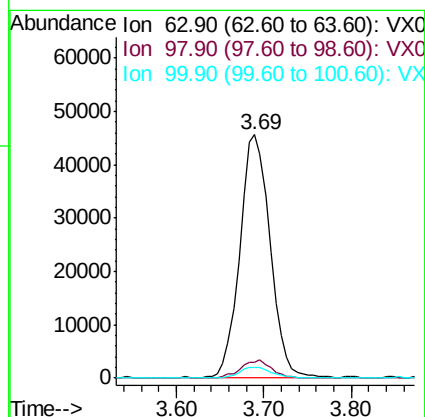
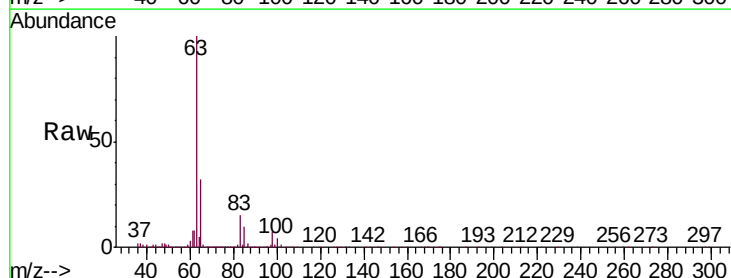
Tgt Ion: 63 Resp: 109626

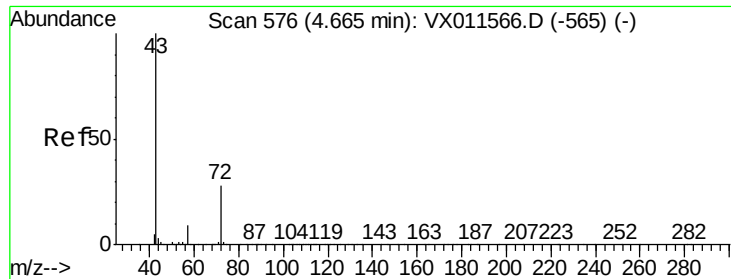
Ion Ratio Lower Upper

63 100

98 6.6 3.7 11.1

100 4.2 2.1 6.3

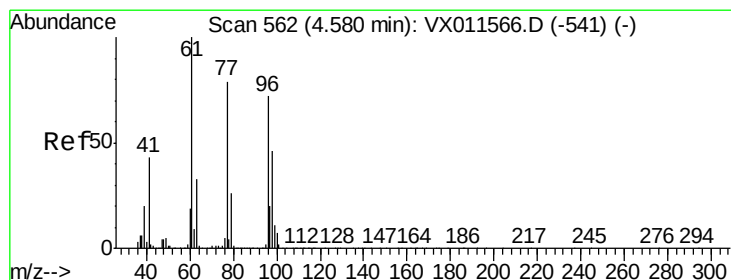
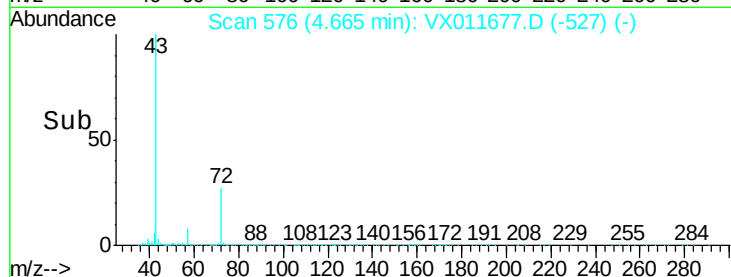
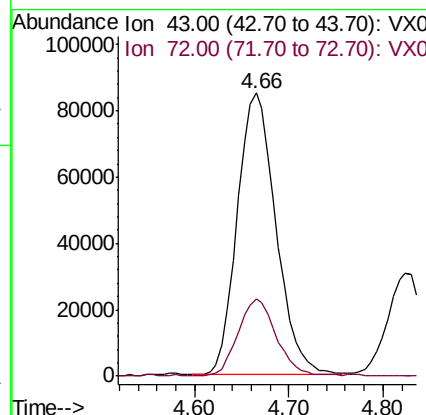
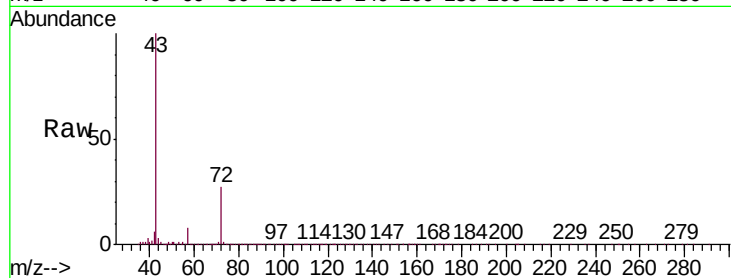




#25
2-Butanone
Concen: 104.132 ug/l
RT: 4.66 min Scan# 576
Delta R.T. -0.00 min
Lab File: VX011677.D
Acq: 20 Aug 2019 12:17

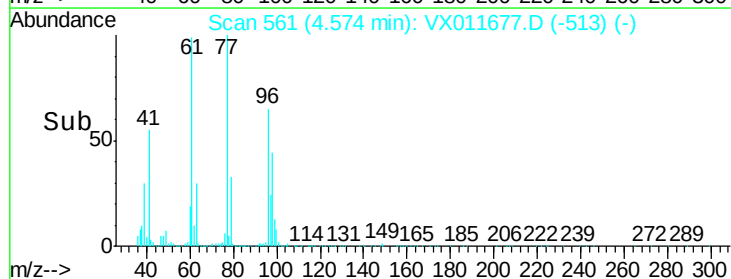
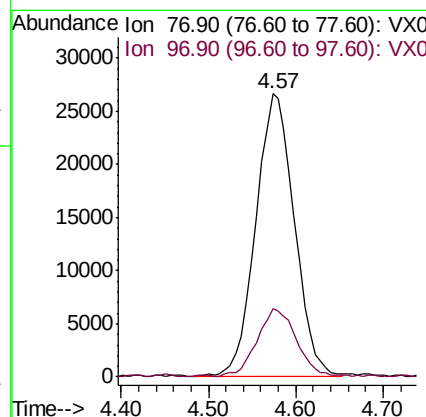
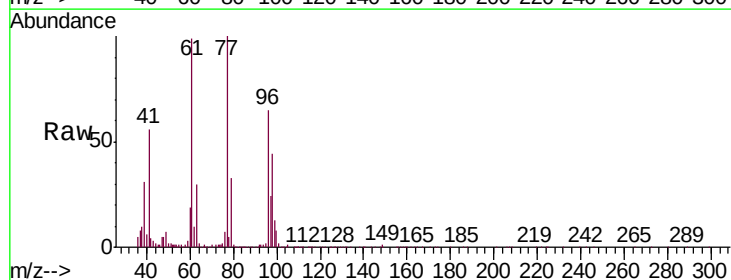
Instrument :
MSVOA_X
ClientSampleId :
VX0820MBS01

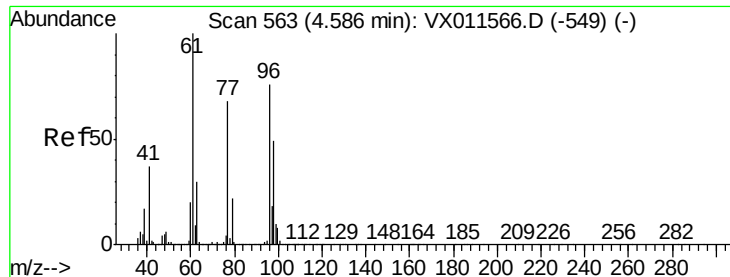
Tgt Ion: 43 Resp: 243444
Ion Ratio Lower Upper
43 100
72 27.0 22.2 33.4



#26
2,2-Dichloropropane
Concen: 21.290 ug/l
RT: 4.57 min Scan# 561
Delta R.T. -0.01 min
Lab File: VX011677.D
Acq: 20 Aug 2019 12:17

Tgt Ion: 77 Resp: 81725
Ion Ratio Lower Upper
77 100
97 24.0 12.4 37.2



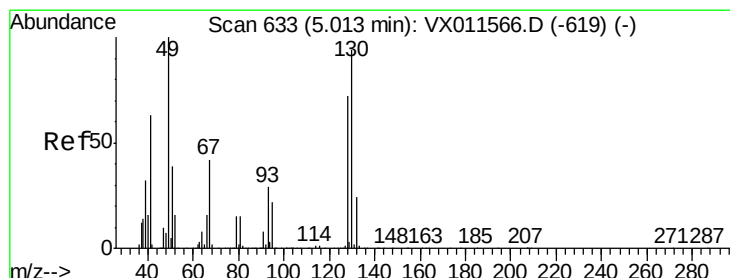
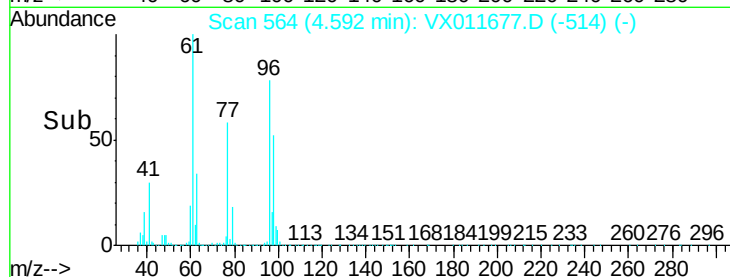
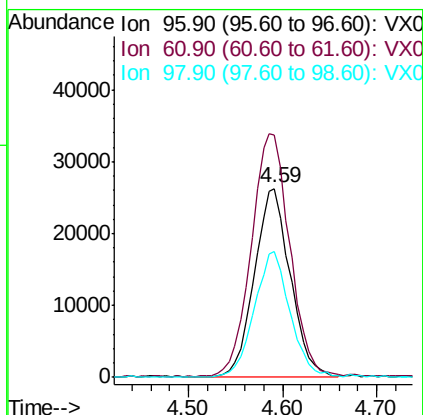
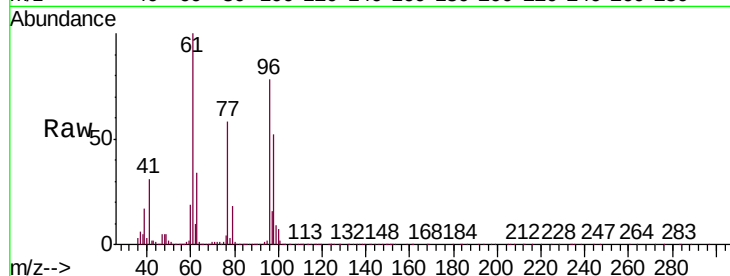


#27

cis-1,2-Dichloroethene
Concen: 20.785 ug/l
RT: 4.59 min Scan# 564
Delta R.T. 0.01 min
Lab File: VX011677.D
Acq: 20 Aug 2019 12:17

Instrument :
MSVOA_X
ClientSampleId :
VX0820MBS01

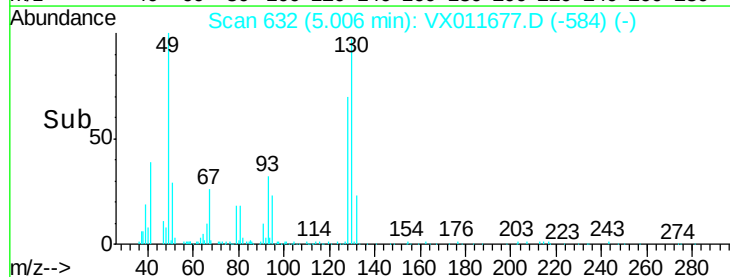
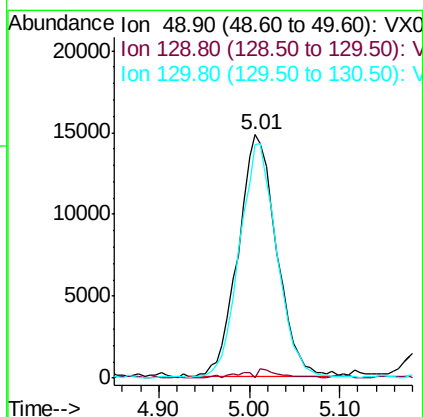
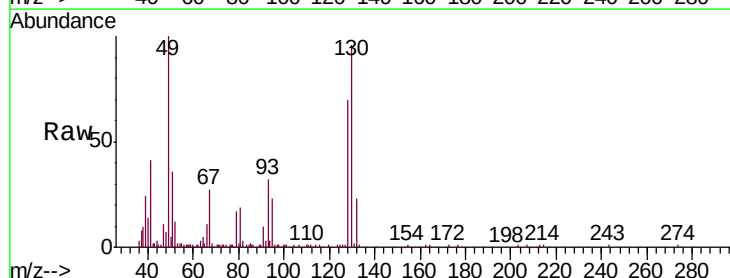
Tgt Ion: 96 Resp: 69919
Ion Ratio Lower Upper
96 100
61 138.5 0.0 272.6
98 66.8 0.0 129.4

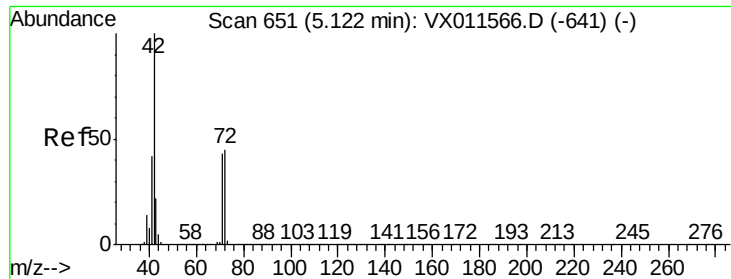


#28

Bromochloromethane
Concen: 19.299 ug/l
RT: 5.01 min Scan# 632
Delta R.T. -0.01 min
Lab File: VX011677.D
Acq: 20 Aug 2019 12:17

Tgt Ion: 49 Resp: 43210
Ion Ratio Lower Upper
49 100
129 2.1 0.0 5.0
130 95.3 76.6 115.0

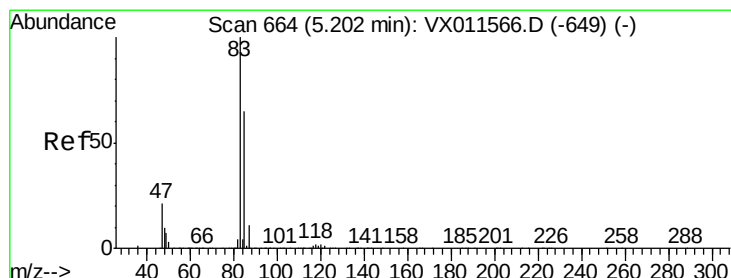
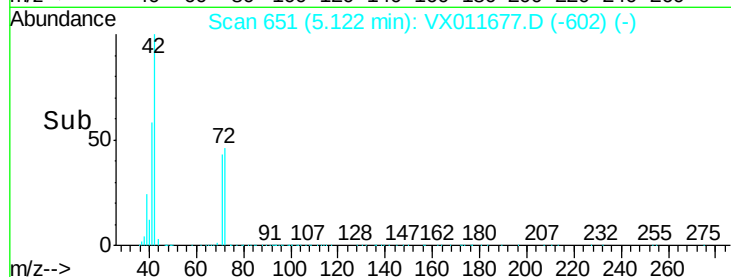
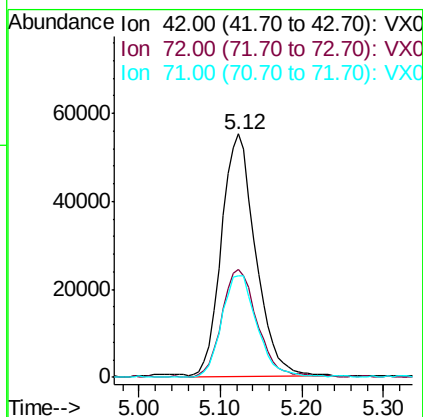
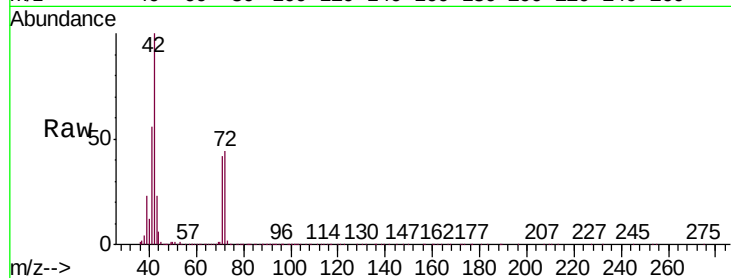




#29
Tetrahydrofuran
Concen: 103.823 ug/l
RT: 5.12 min Scan# 651
Delta R.T. -0.00 min
Lab File: VX011677.D
Acq: 20 Aug 2019 12:17

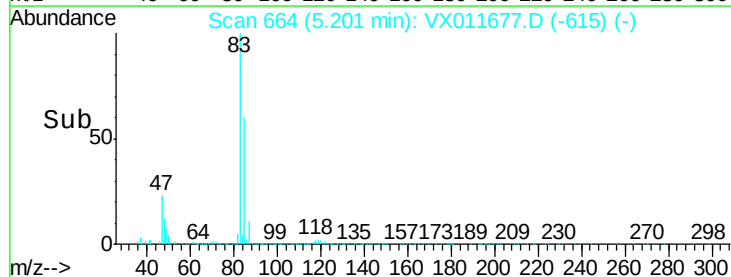
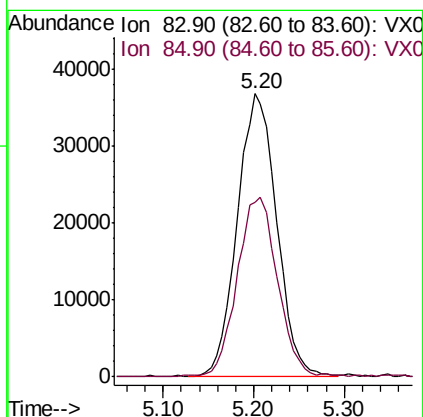
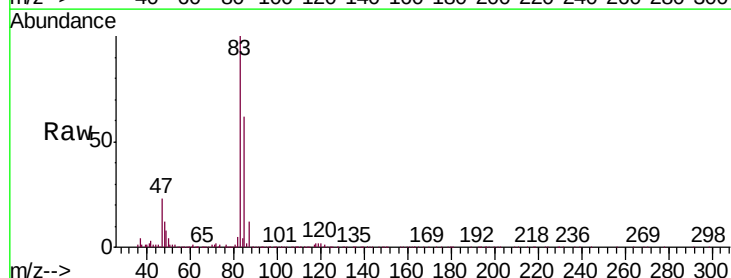
Instrument :
MSVOA_X
ClientSampleId :
VX0820MBS01

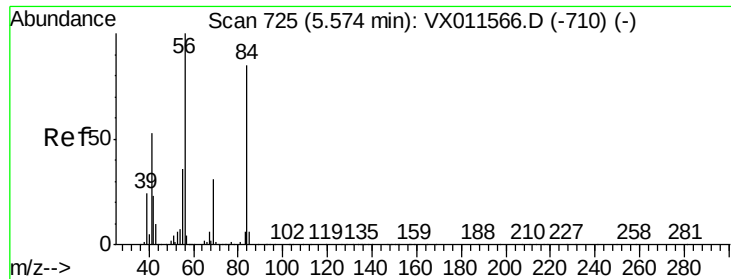
Tgt Ion: 42 Resp: 159218
Ion Ratio Lower Upper
42 100
72 45.7 36.1 54.1
71 43.7 33.8 50.8



#30
Chloroform
Concen: 20.479 ug/l
RT: 5.20 min Scan# 664
Delta R.T. -0.00 min
Lab File: VX011677.D
Acq: 20 Aug 2019 12:17

Tgt Ion: 83 Resp: 110230
Ion Ratio Lower Upper
83 100
85 61.2 51.9 77.9

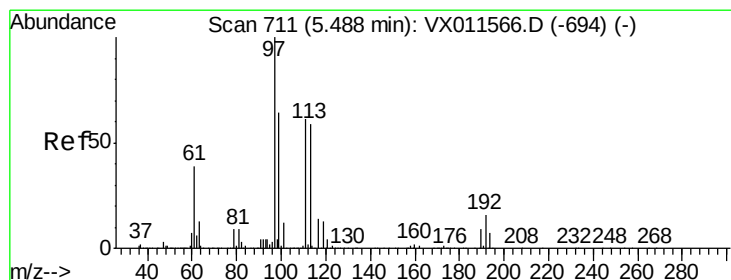
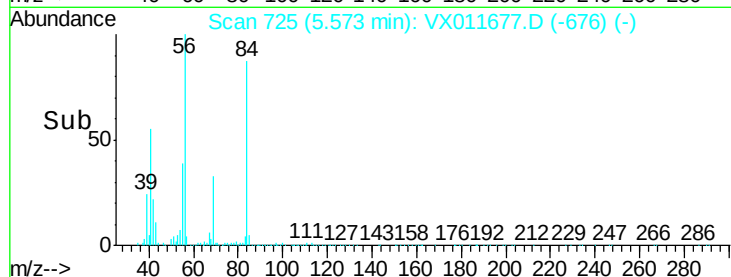
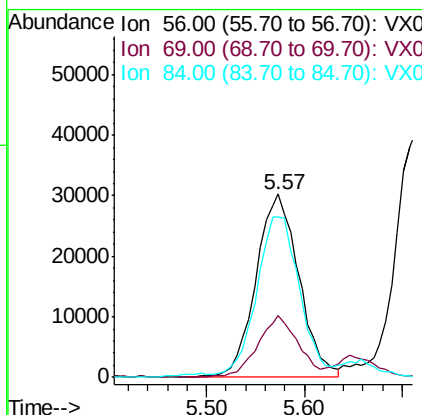
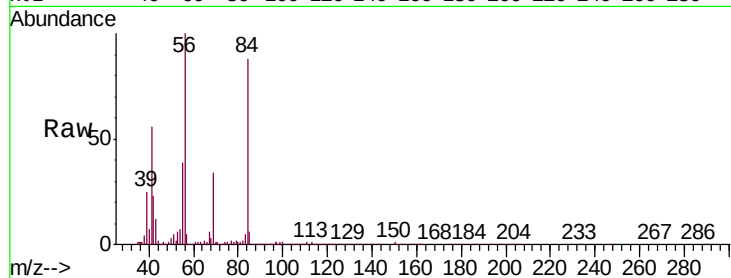




#31
Cyclohexane
Concen: 21.050 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX011677.D
Acq: 20 Aug 2019 12:17

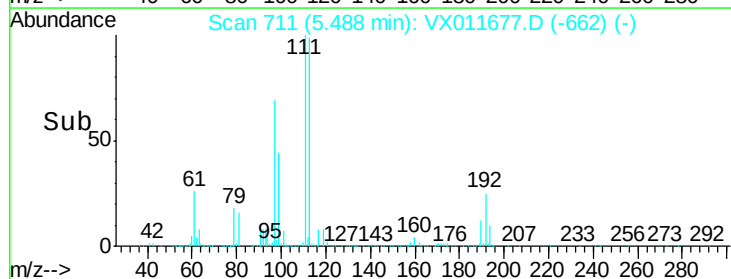
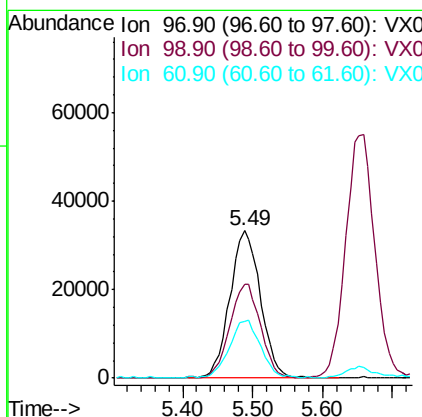
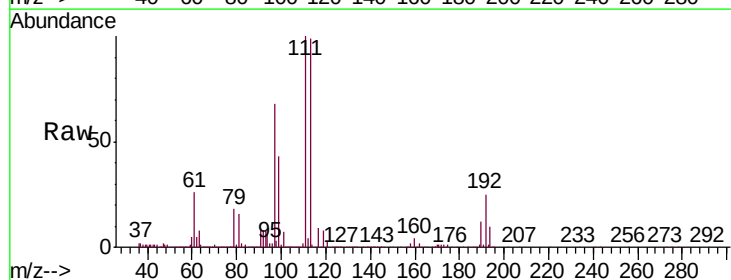
Instrument :
MSVOA_X
ClientSampleId :
VX0820MBS01

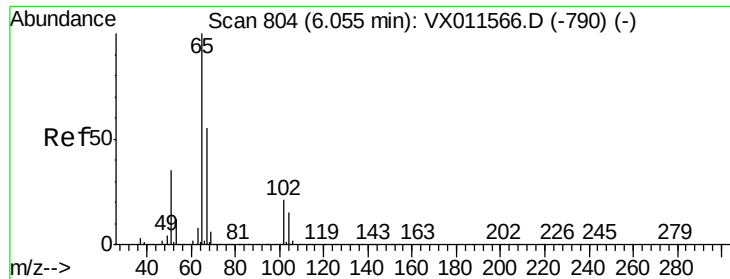
Tgt Ion: 56 Resp: 92437
Ion Ratio Lower Upper
56 100
69 33.4 24.8 37.2
84 86.1 67.9 101.9



#32
1,1,1-Trichloroethane
Concen: 21.918 ug/l
RT: 5.49 min Scan# 711
Delta R.T. -0.00 min
Lab File: VX011677.D
Acq: 20 Aug 2019 12:17

Tgt Ion: 97 Resp: 101443
Ion Ratio Lower Upper
97 100
99 63.1 51.4 77.0
61 38.9 31.4 47.2

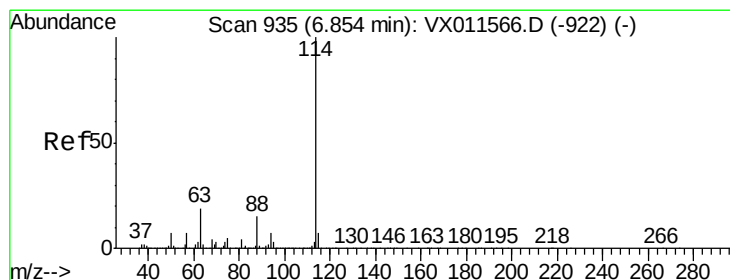
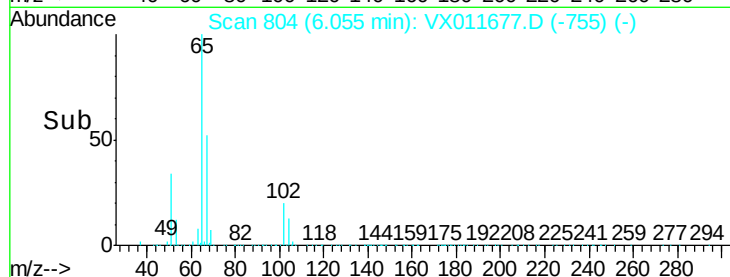
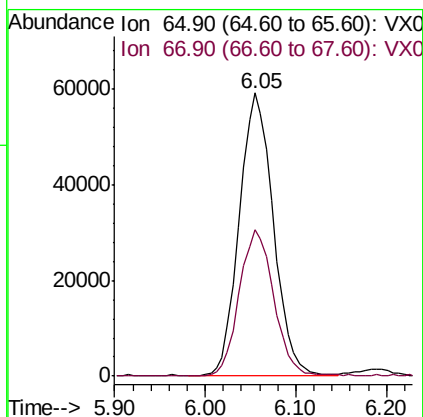
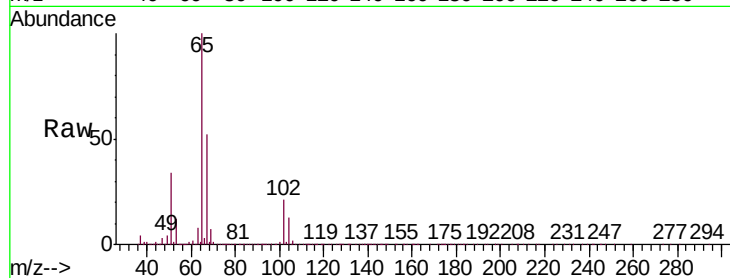




#33
 1,2-Dichloroethane-d4
 Concen: 52.242 ug/l
 RT: 6.05 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: VX011677.D
 Acq: 20 Aug 2019 12:17

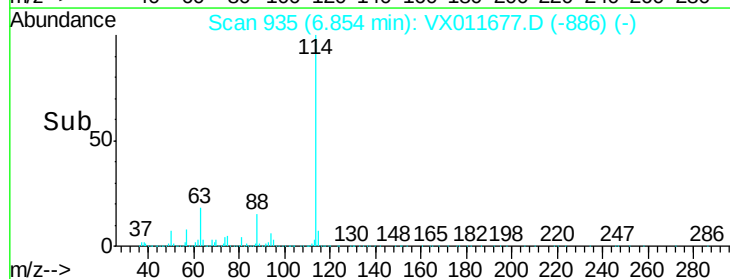
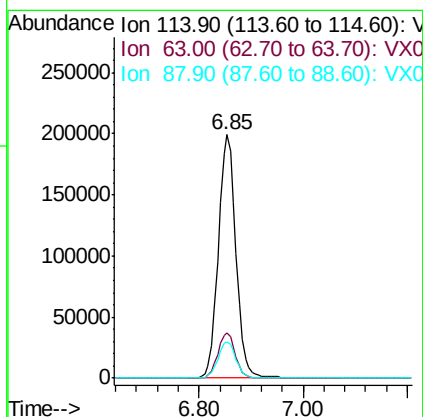
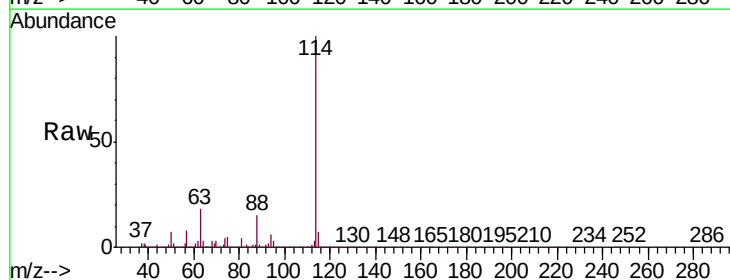
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0820MBS01

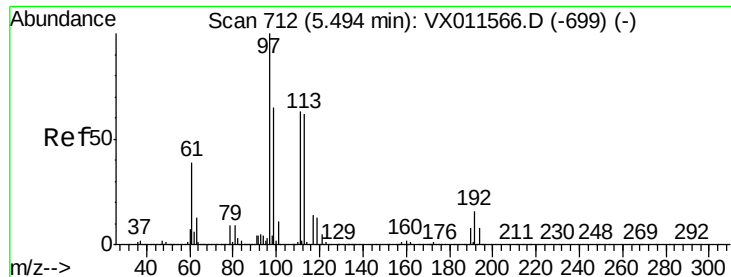
Tgt Ion: 65 Resp: 154720
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.00 min
 Lab File: VX011677.D
 Acq: 20 Aug 2019 12:17

Tgt Ion: 114 Resp: 471455
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 37.8
 88 14.8 0.0 30.2

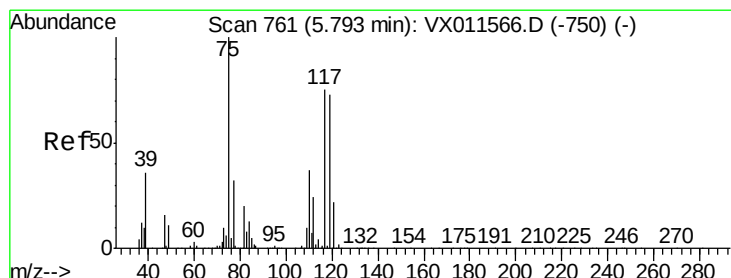
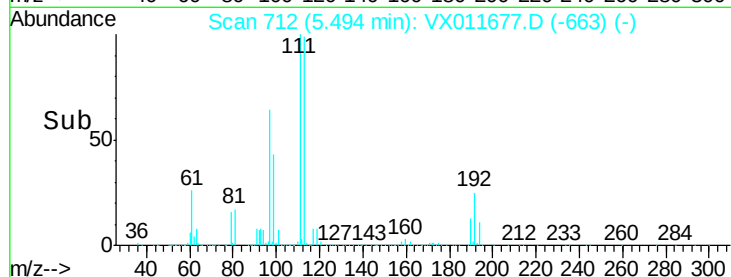
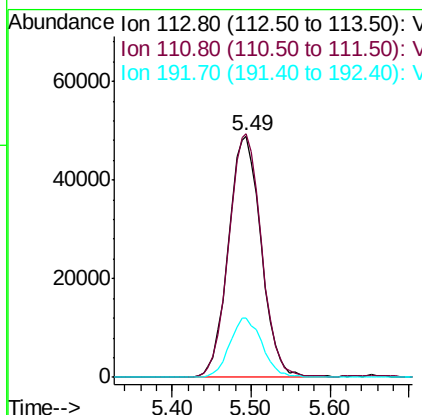
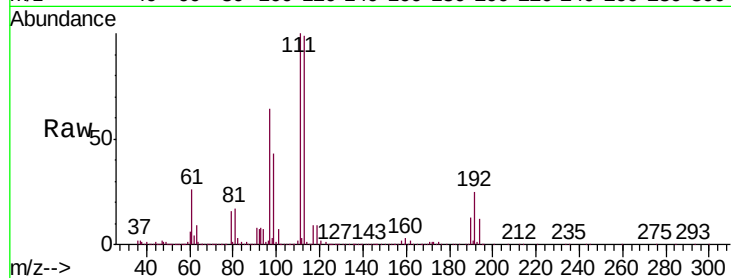




#35
 Dibromofluoromethane
 Concen: 45.583 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.00 min
 Lab File: VX011677.D
 Acq: 20 Aug 2019 12:17

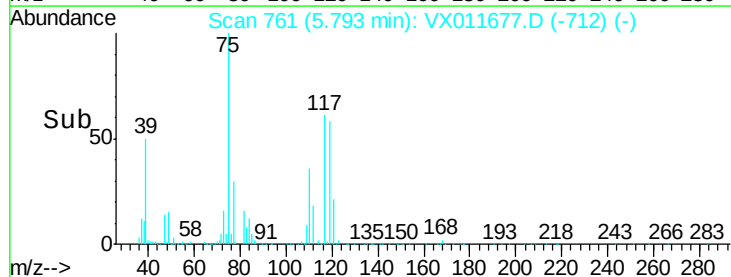
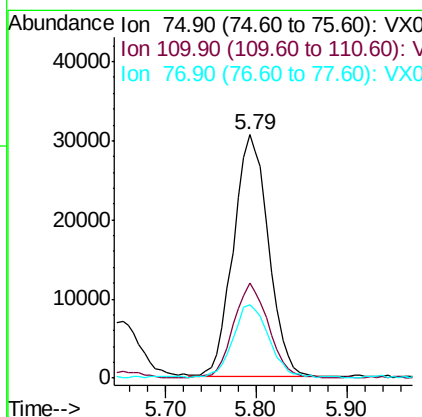
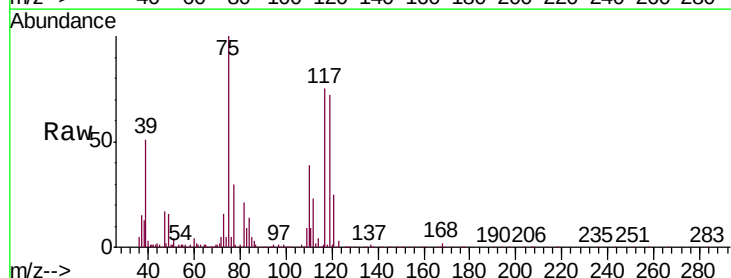
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0820MBS01

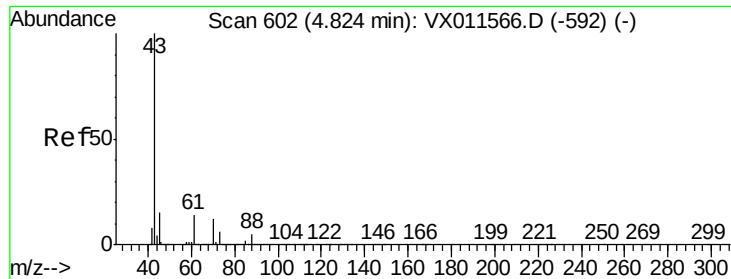
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.2	81.1	121.7
192	24.7	20.8	31.2



#36
 1,1-Dichloropropene
 Concen: 20.406 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. -0.00 min
 Lab File: VX011677.D
 Acq: 20 Aug 2019 12:17

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.6	19.4	58.1
77	30.8	25.1	37.7

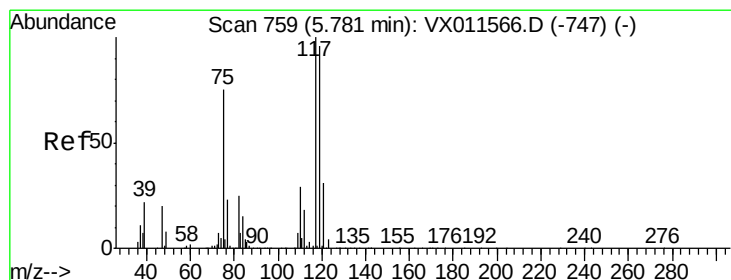
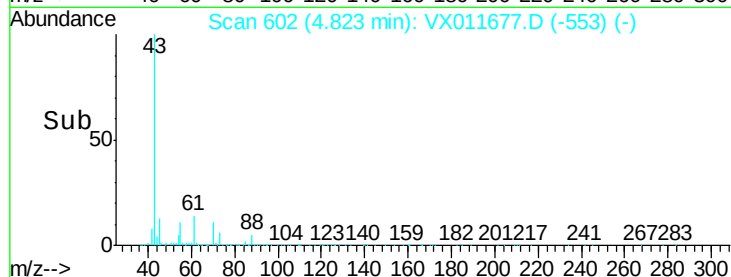
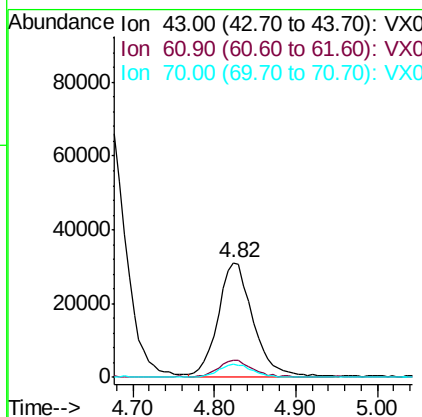
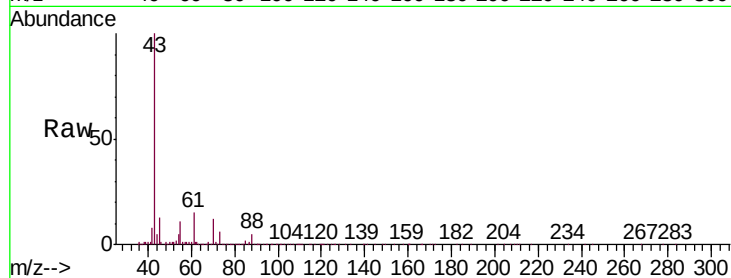




#37
Ethyl Acetate
Concen: 19.573 ug/l
RT: 4.82 min Scan# 602
Delta R.T. -0.00 min
Lab File: VX011677.D
Acq: 20 Aug 2019 12:17

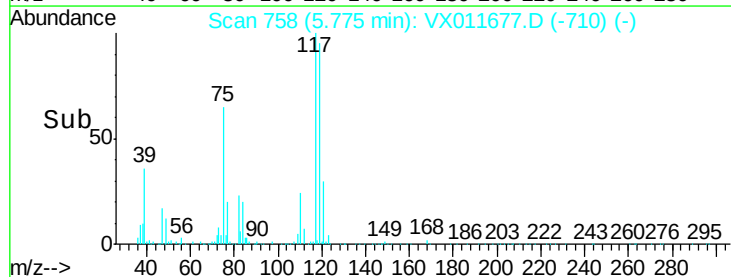
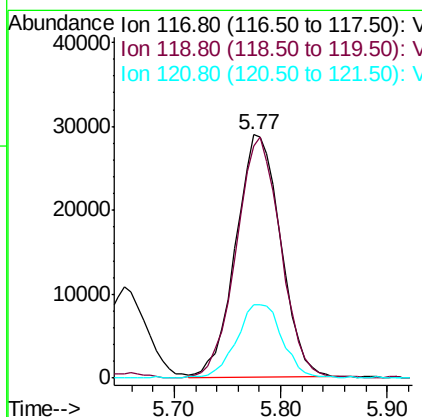
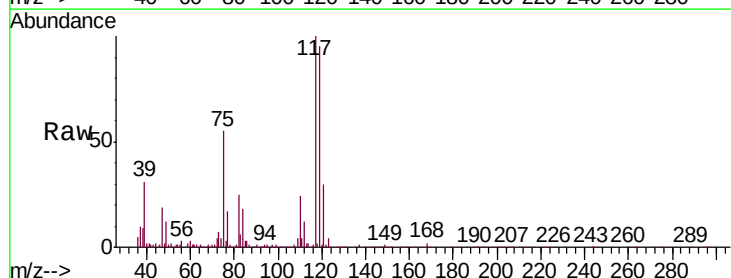
Instrument :
MSVOA_X
ClientSampleId :
VX0820MBS01

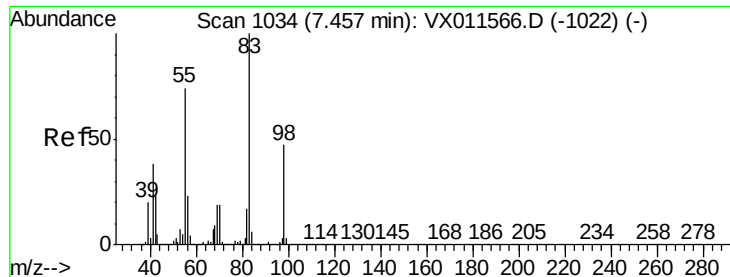
Tgt Ion: 43 Resp: 90745
Ion Ratio Lower Upper
43 100
61 13.9 11.4 17.0
70 10.6 9.0 13.6



#38
Carbon Tetrachloride
Concen: 19.248 ug/l
RT: 5.77 min Scan# 758
Delta R.T. -0.01 min
Lab File: VX011677.D
Acq: 20 Aug 2019 12:17

Tgt Ion: 117 Resp: 85481
Ion Ratio Lower Upper
117 100
119 95.2 76.9 115.3
121 30.0 24.8 37.2

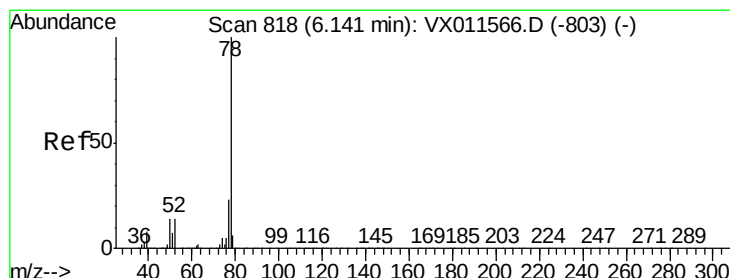
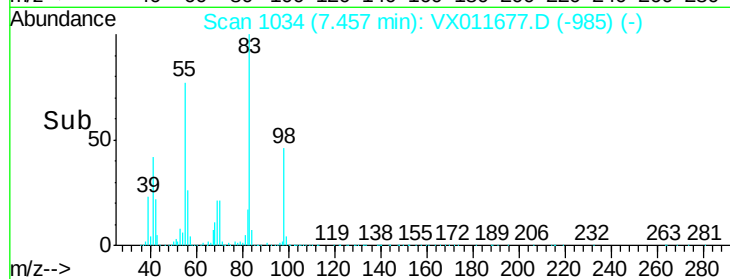
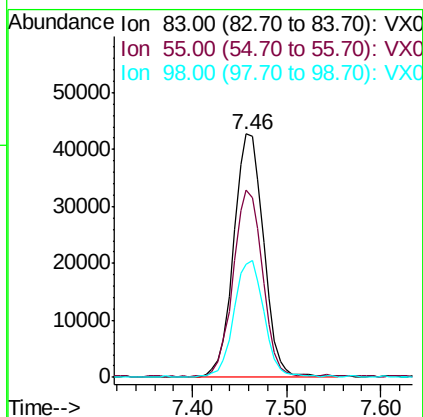
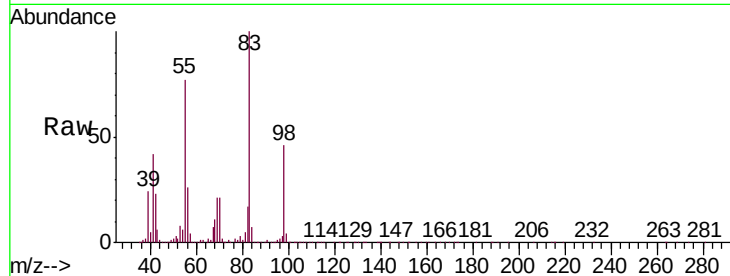




#39
Methylcyclohexane
Concen: 19.024 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX011677.D
Acq: 20 Aug 2019 12:17

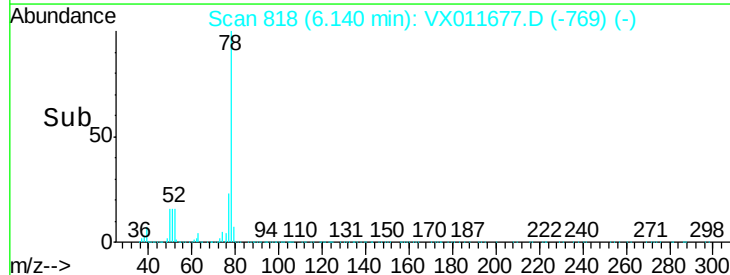
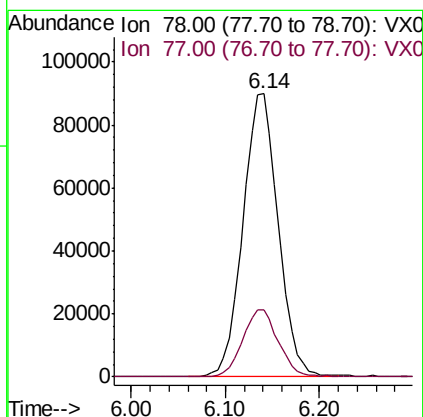
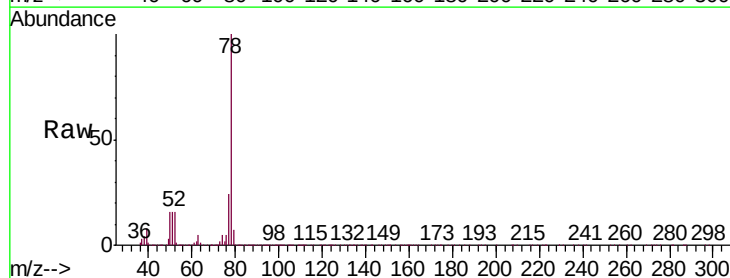
Instrument :
MSVOA_X
ClientSampled :
VX0820MBS01

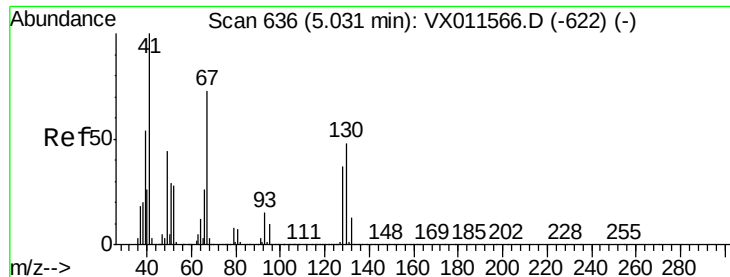
Tgt Ion: 83 Resp: 94697
Ion Ratio Lower Upper
83 100
55 76.9 58.8 88.2
98 46.0 37.8 56.6



#40
Benzene
Concen: 18.753 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX011677.D
Acq: 20 Aug 2019 12:17

Tgt Ion: 78 Resp: 234907
Ion Ratio Lower Upper
78 100
77 23.5 18.6 28.0

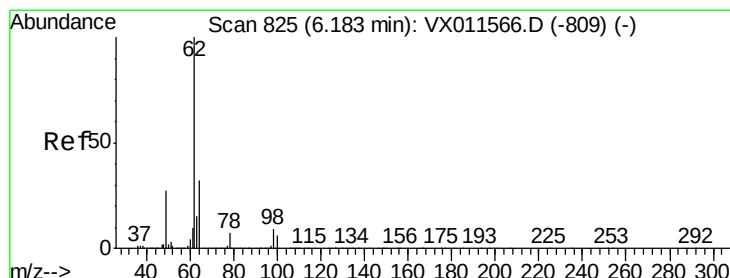
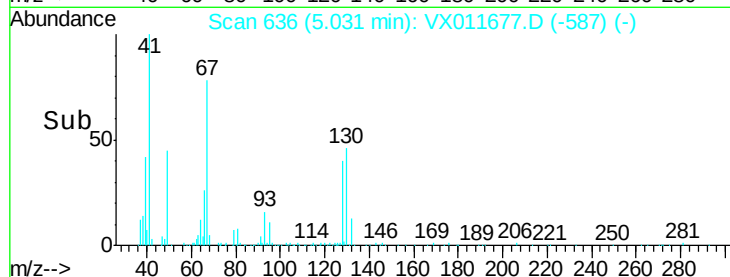
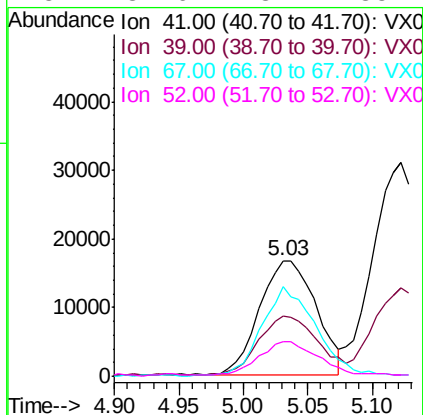
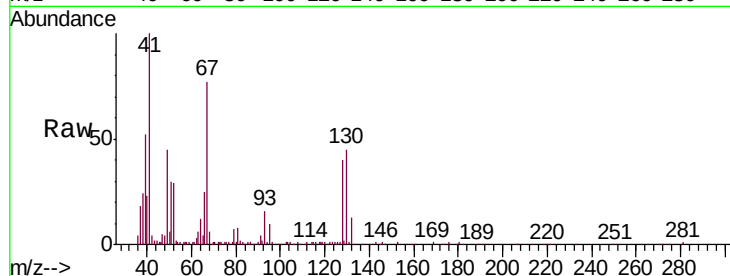




#41
Methacrylonitrile
Concen: 20.124 ug/l
RT: 5.03 min Scan# 636
Delta R.T. -0.00 min
Lab File: VX011677.D
Acq: 20 Aug 2019 12:17

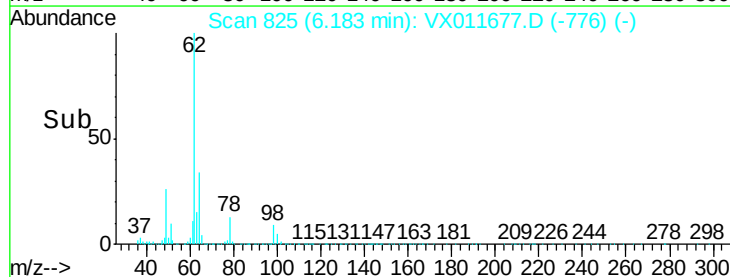
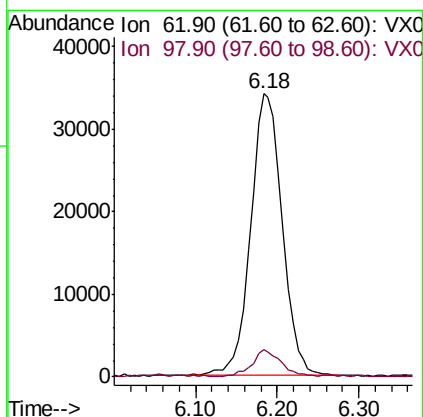
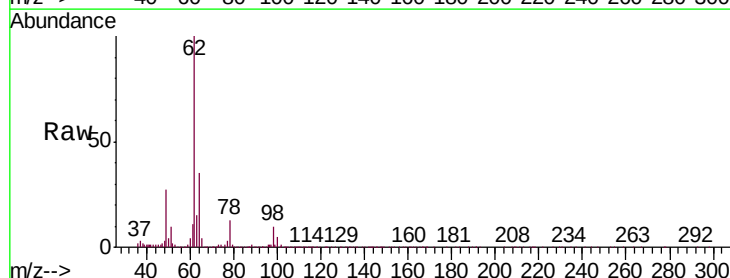
Instrument :
MSVOA_X
ClientSampleId :
VX0820MBS01

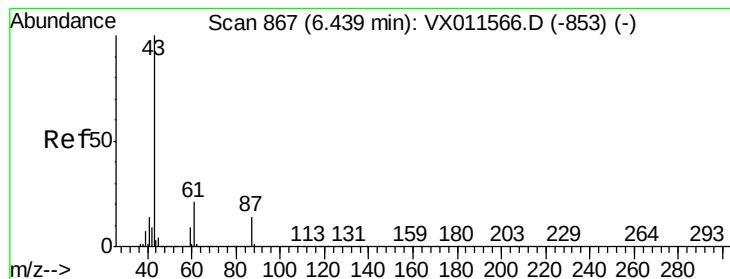
Tgt Ion:	41	Resp:	51351
Ion	Ratio	Lower	Upper
41	100		
39	54.2	43.5	65.3
67	73.6	59.4	89.2
52	31.6	23.4	35.2



#42
1,2-Dichloroethane
Concen: 21.276 ug/l
RT: 6.18 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX011677.D
Acq: 20 Aug 2019 12:17

Tgt Ion:	62	Resp:	92336
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	19.4





#43

Isopropyl Acetate

Concen: 19.258 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.00 min

Lab File: VX011677.D

Acq: 20 Aug 2019 12:17

Instrument :

MSVOA_X

ClientSampleId :

VX0820MBS01

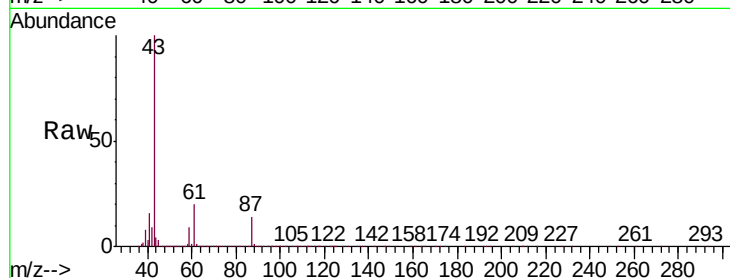
Tgt Ion: 43 Resp: 139338

Ion Ratio Lower Upper

43 100

61 19.7 16.6 24.8

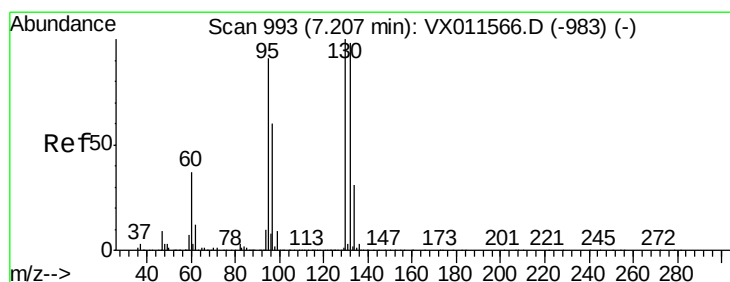
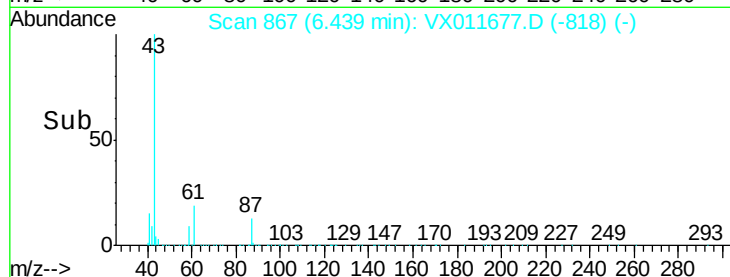
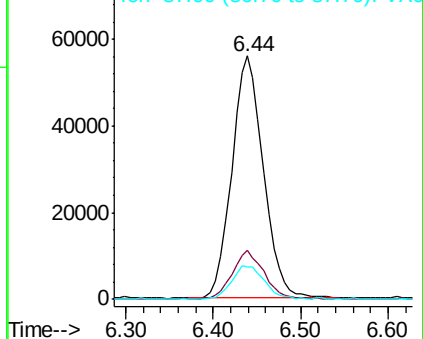
87 14.6 11.4 17.2



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: 20.164 ug/l

RT: 7.21 min Scan# 993

Delta R.T. -0.00 min

Lab File: VX011677.D

Acq: 20 Aug 2019 12:17

Tgt Ion: 130 Resp: 74929

Ion Ratio Lower Upper

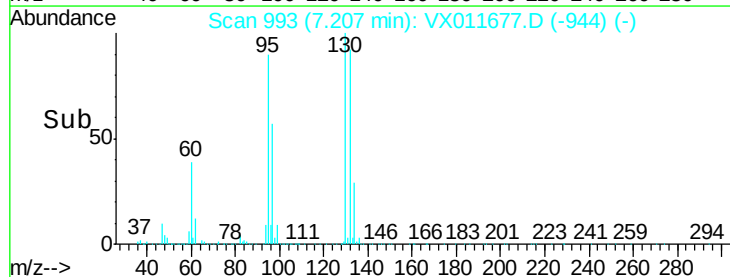
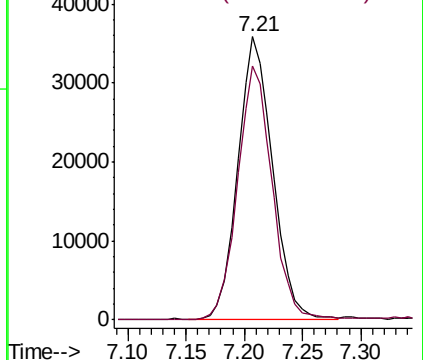
130 100

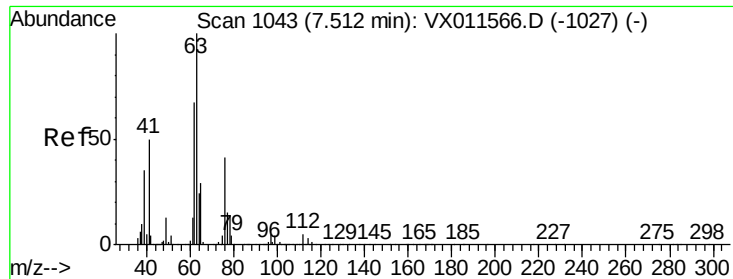
95 89.6 0.0 181.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

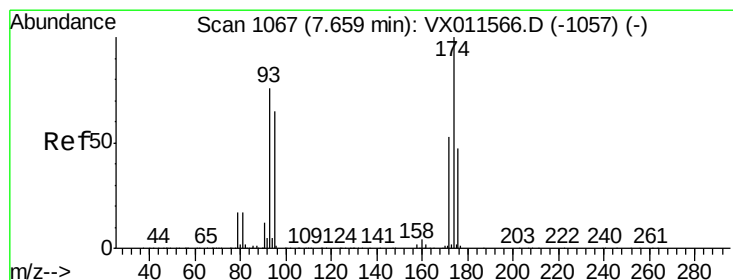
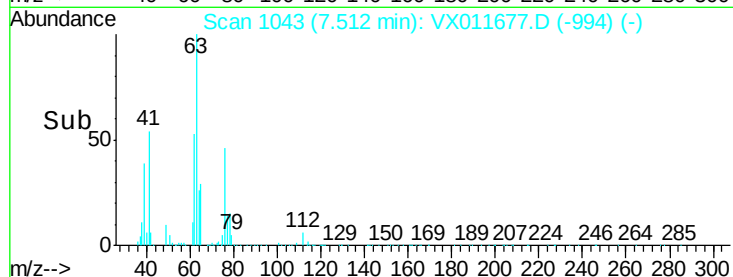
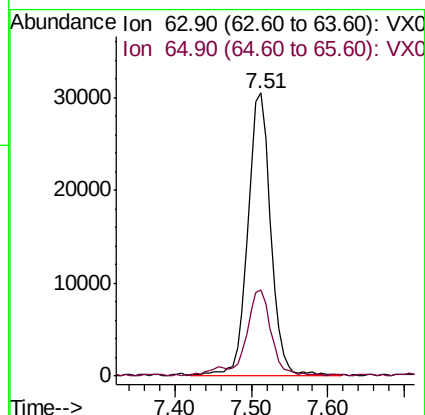
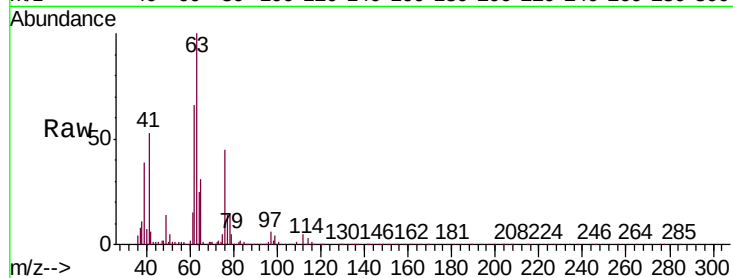




#45
 1,2-Dichloropropane
 Concen: 20.508 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX011677.D
 Acq: 20 Aug 2019 12:17

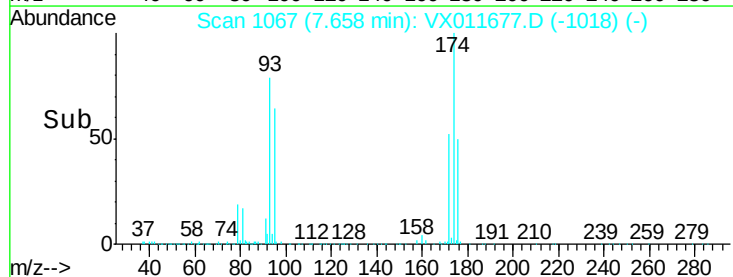
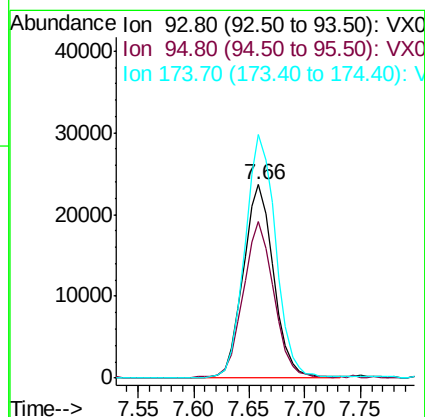
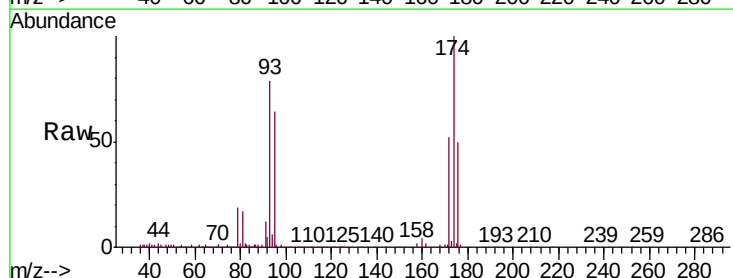
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0820MBS01

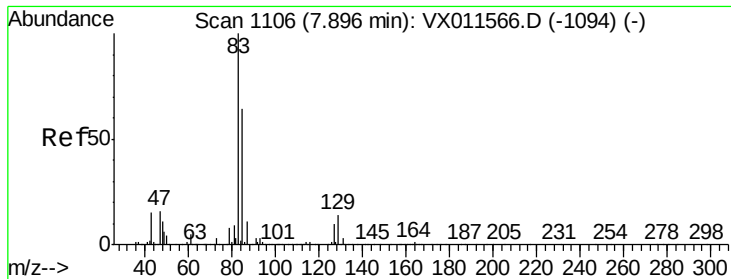
Tgt Ion: 63 Resp: 64065
 Ion Ratio Lower Upper
 63 100
 65 30.1 23.4 35.2



#46
 Dibromomethane
 Concen: 19.889 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX011677.D
 Acq: 20 Aug 2019 12:17

Tgt Ion: 93 Resp: 45151
 Ion Ratio Lower Upper
 93 100
 95 81.7 67.2 100.8
 174 127.2 105.5 158.3





#47

Bromodichloromethane

Concen: 18.790 ug/l

RT: 7.89 min Scan# 1105

Delta R.T. -0.01 min

Lab File: VX011677.D

Acq: 20 Aug 2019 12:17

Instrument :

MSVOA_X

ClientSampleId :

VX0820MBS01

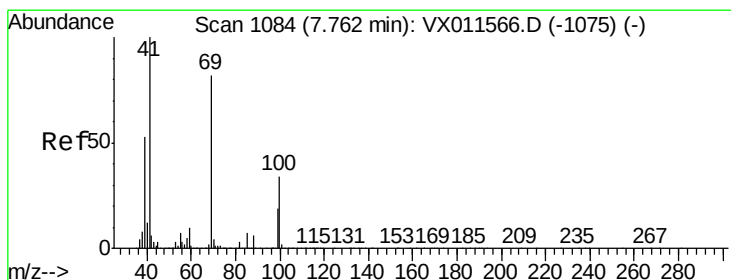
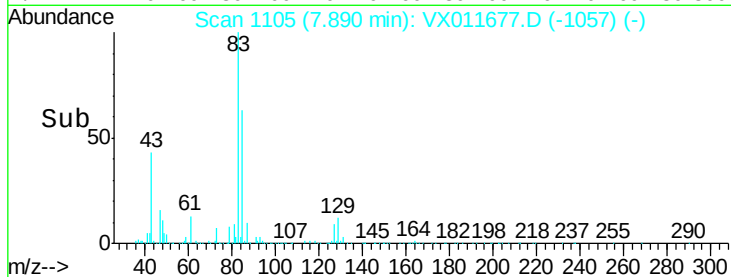
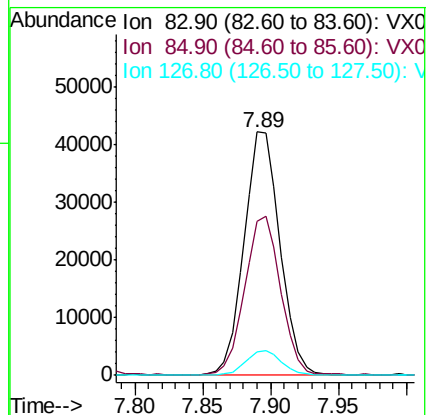
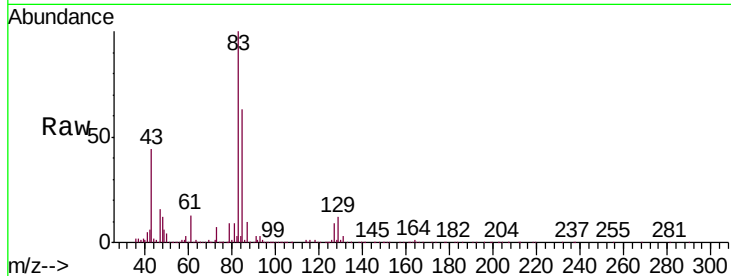
Tgt Ion: 83 Resp: 78323

Ion Ratio Lower Upper

83 100

85 63.0 51.2 76.8

127 9.4 8.1 12.1



#48

Methyl methacrylate

Concen: 19.906 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.01 min

Lab File: VX011677.D

Acq: 20 Aug 2019 12:17

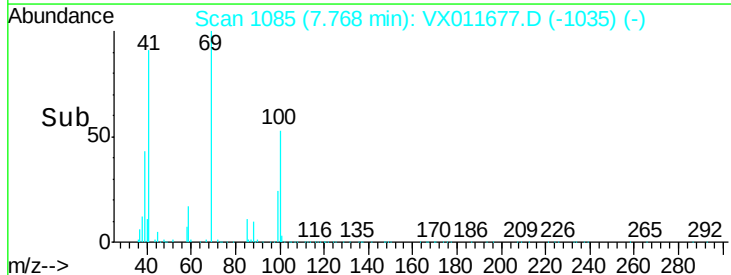
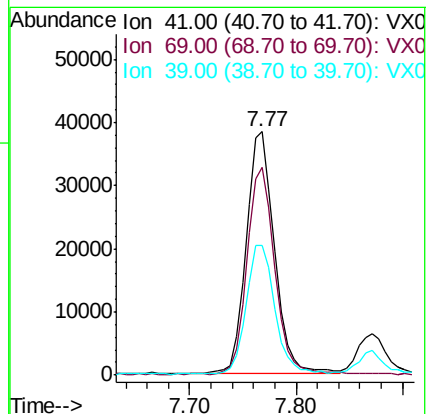
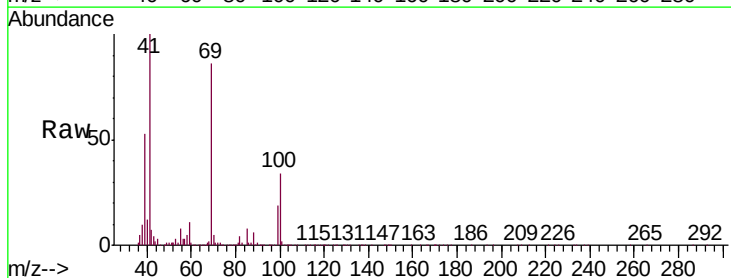
Tgt Ion: 41 Resp: 71324

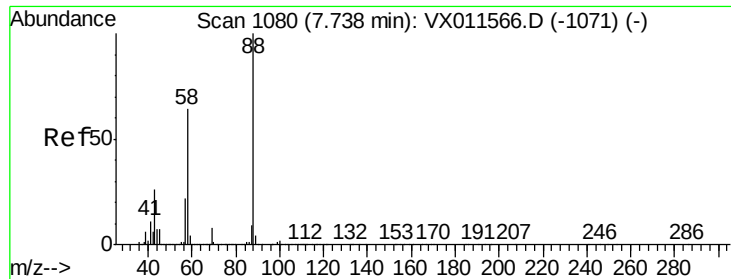
Ion Ratio Lower Upper

41 100

69 84.8 67.9 101.9

39 54.9 41.6 62.4





#49

1,4-Dioxane

Concen: 395.363 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.00 min

Lab File: VX011677.D

Acq: 20 Aug 2019 12:17

Instrument :

MSVOA_X

ClientSampleId :

VX0820MBS01

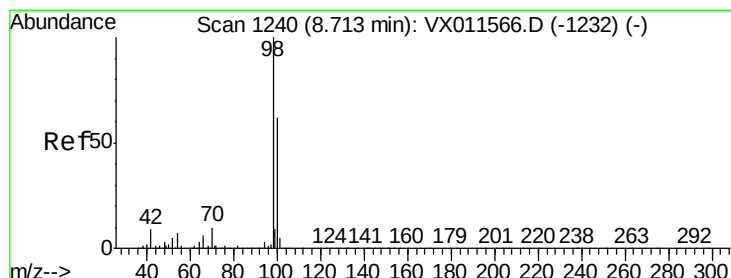
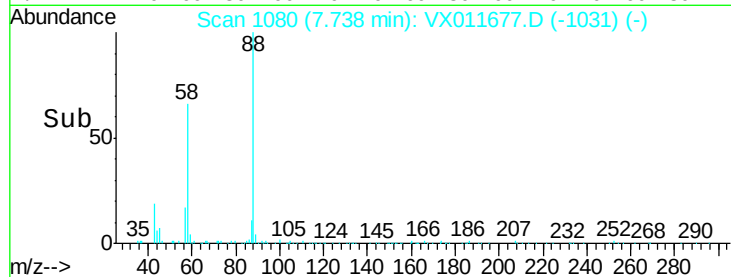
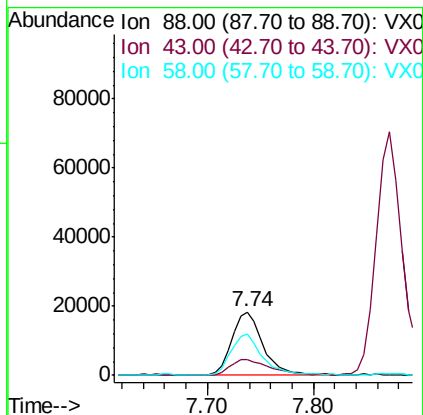
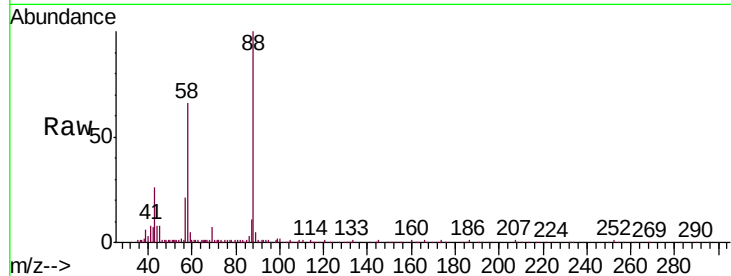
Tgt Ion: 88 Resp: 37679

Ion Ratio Lower Upper

88 100

43 29.2 23.4 35.0

58 65.2 54.3 81.5



#50

Toluene-d8

Concen: 48.081 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX011677.D

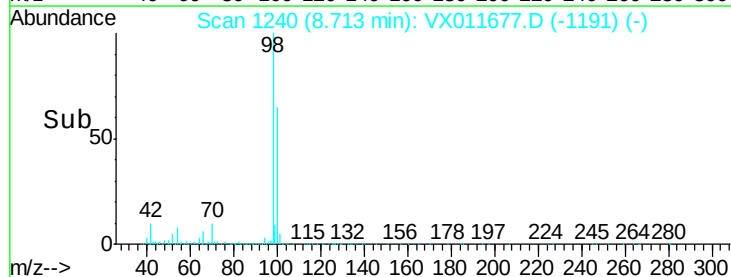
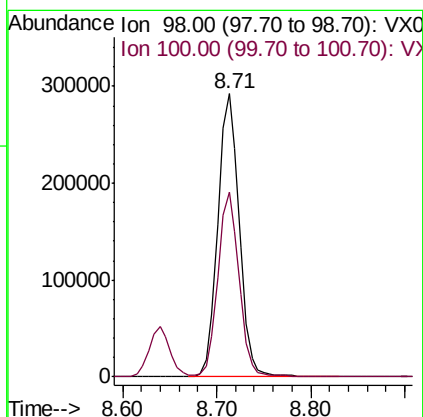
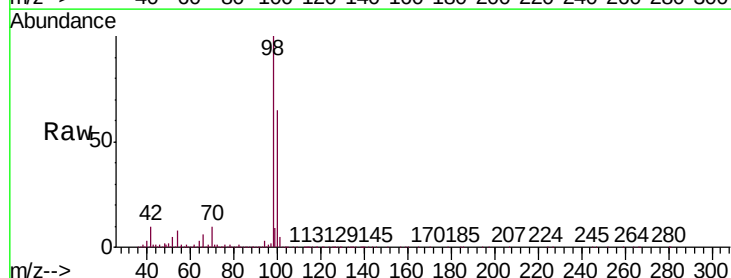
Acq: 20 Aug 2019 12:17

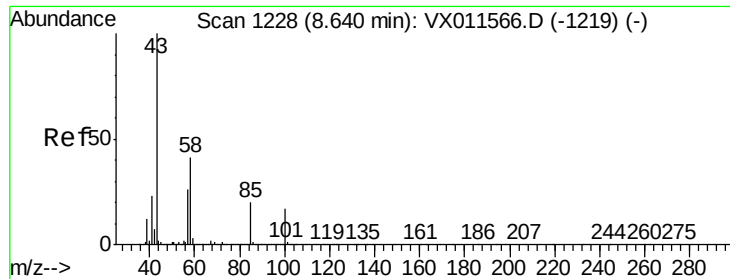
Tgt Ion: 98 Resp: 461969

Ion Ratio Lower Upper

98 100

100 64.6 52.4 78.6

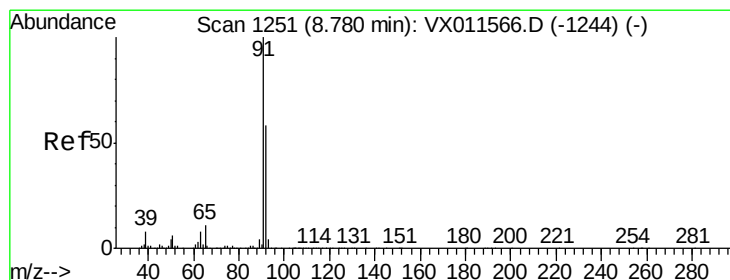
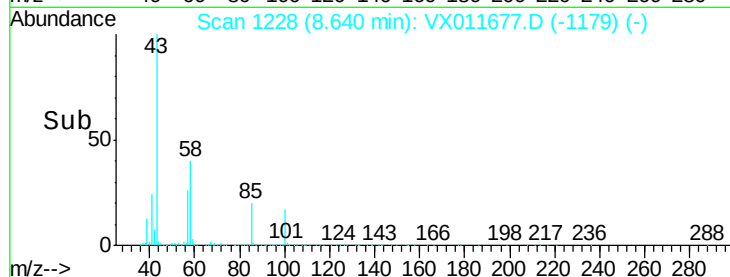
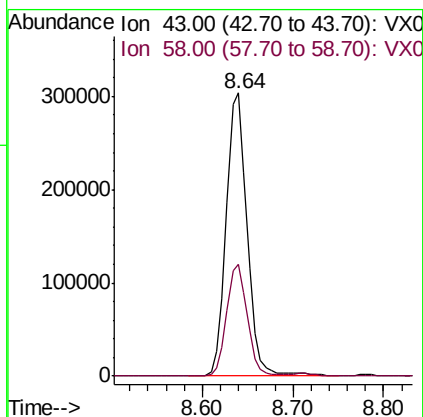
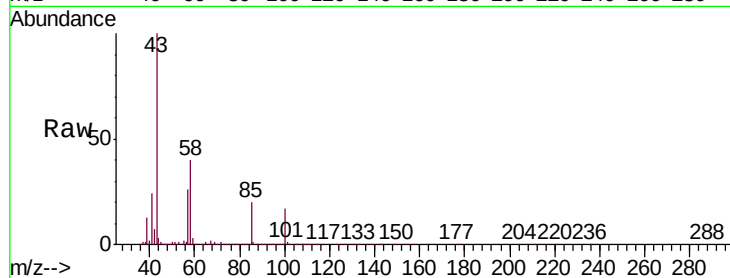




#51
 4-Methyl-2-Pentanone
 Concen: 102.806 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VX011677.D
 Acq: 20 Aug 2019 12:17

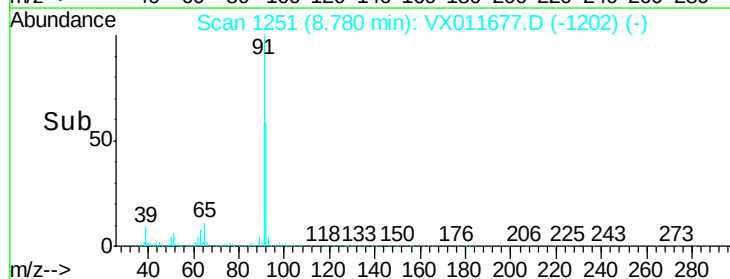
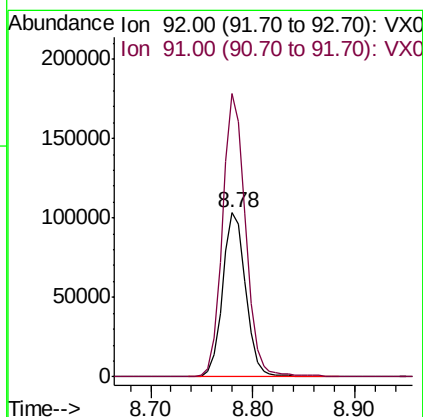
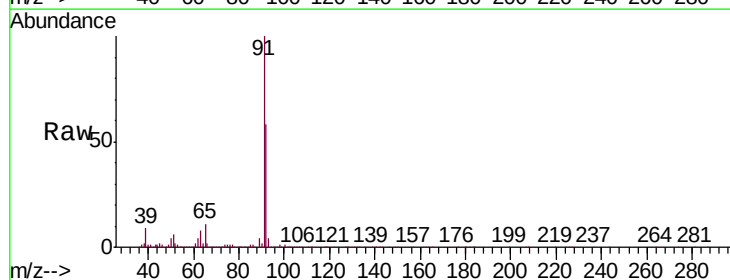
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0820MBS01

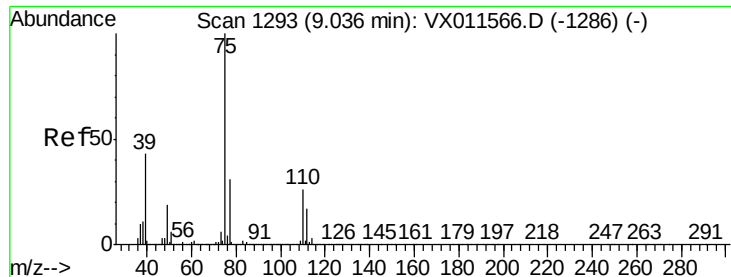
Tgt Ion: 43 Resp: 486880
 Ion Ratio Lower Upper
 43 100
 58 39.2 31.8 47.6



#52
 Toluene
 Concen: 20.421 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: VX011677.D
 Acq: 20 Aug 2019 12:17

Tgt Ion: 92 Resp: 162966
 Ion Ratio Lower Upper
 92 100
 91 171.5 138.0 207.0

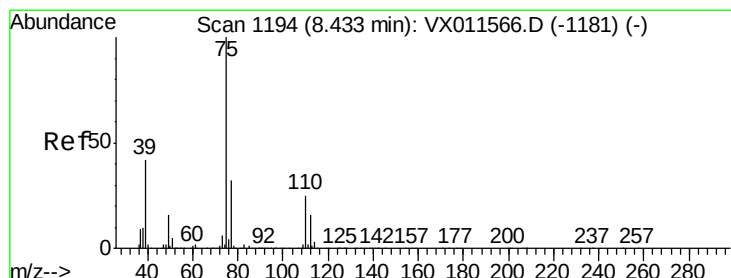
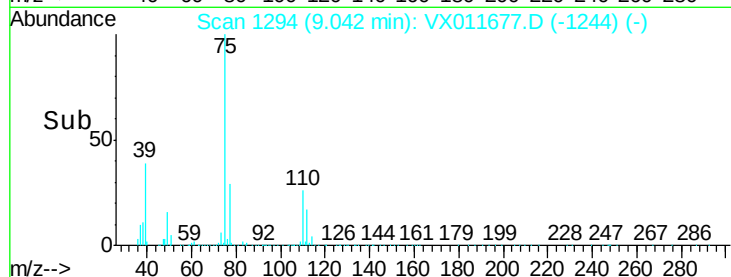
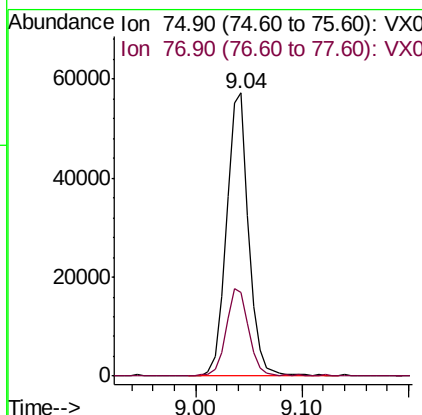
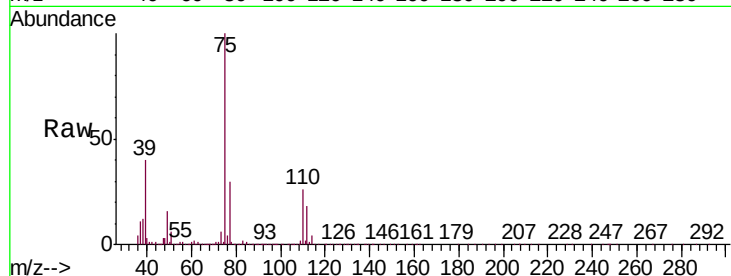




#53
 t-1,3-Dichloropropene
 Concen: 19.113 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.01 min
 Lab File: VX011677.D
 Acq: 20 Aug 2019 12:17

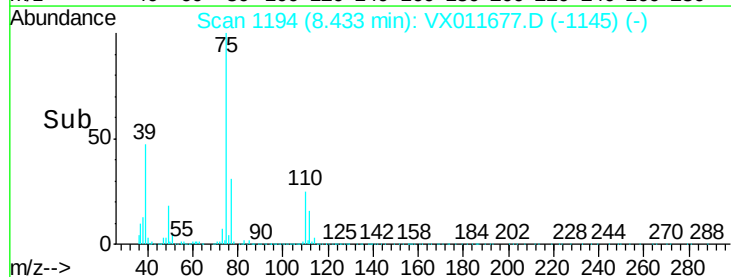
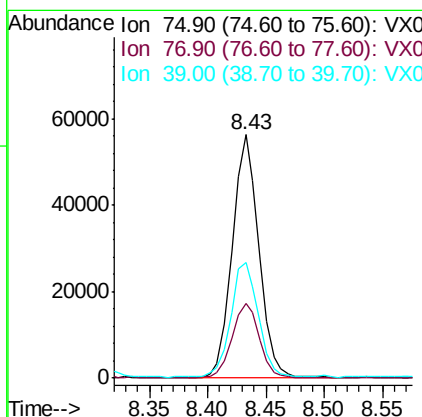
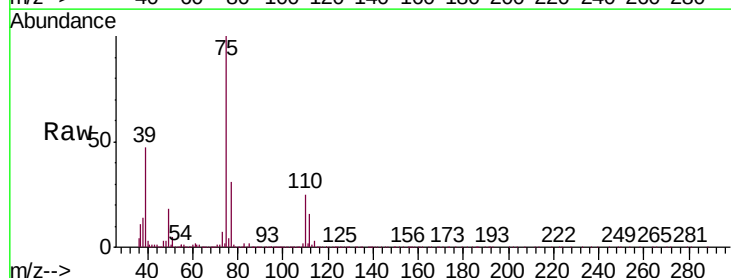
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0820MBS01

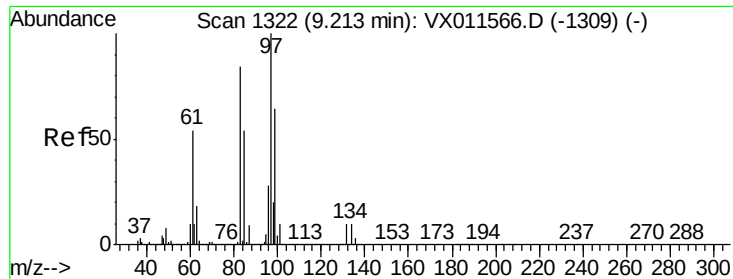
Tgt Ion: 75 Resp: 82684
 Ion Ratio Lower Upper
 75 100
 77 29.6 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 18.836 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX011677.D
 Acq: 20 Aug 2019 12:17

Tgt Ion: 75 Resp: 89174
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.5 38.3
 39 47.2 33.6 50.4





#55

1,1,2-Trichloroethane

Concen: 20.688 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX011677.D

Acq: 20 Aug 2019 12:17

Instrument :

MSVOA_X

ClientSampleId :

VX0820MBS01

Tgt Ion: 97 Resp: 70208

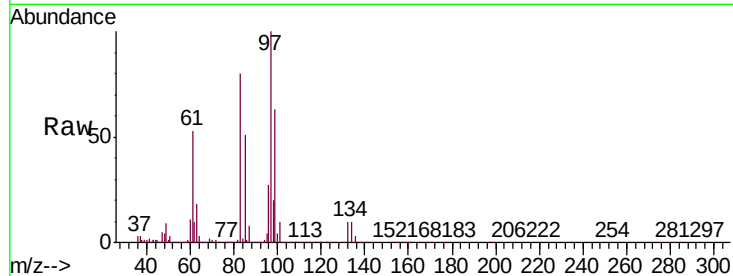
Ion Ratio Lower Upper

97 100

83 79.3 67.4 101.0

85 50.7 43.4 65.2

99 62.6 51.1 76.7

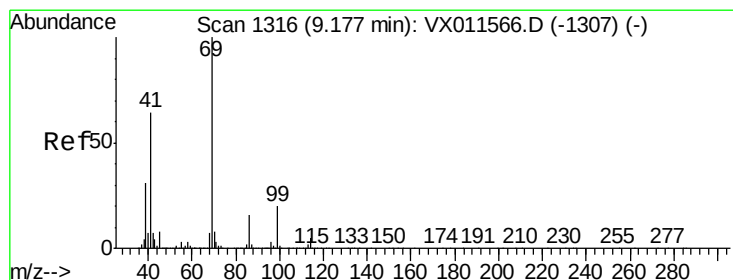
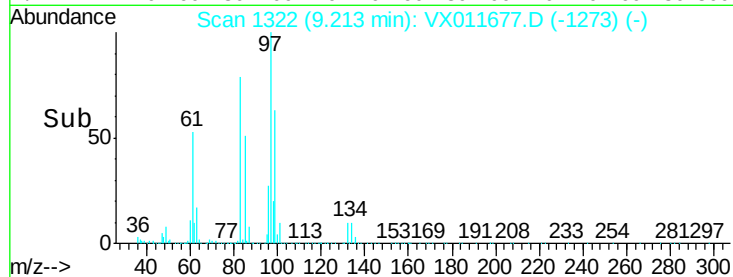
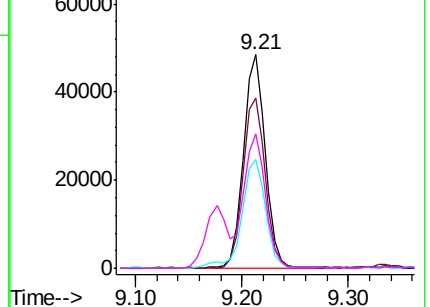


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 20.423 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX011677.D

Acq: 20 Aug 2019 12:17

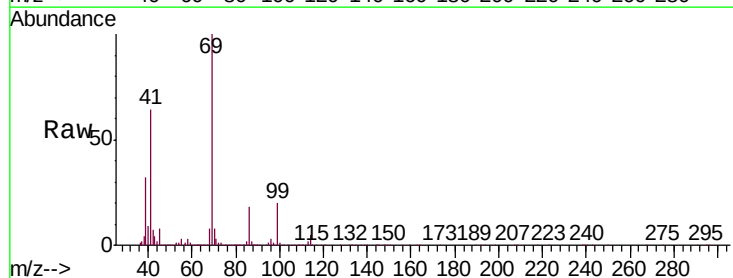
Tgt Ion: 69 Resp: 100737

Ion Ratio Lower Upper

69 100

41 63.8 52.1 78.1

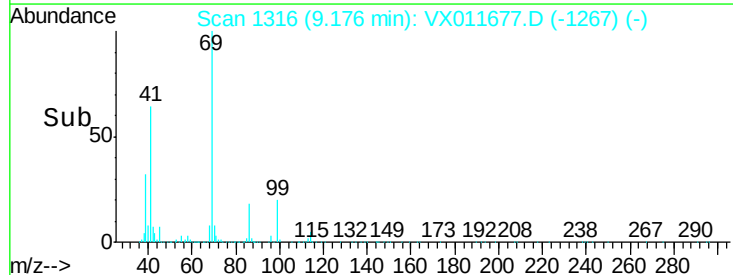
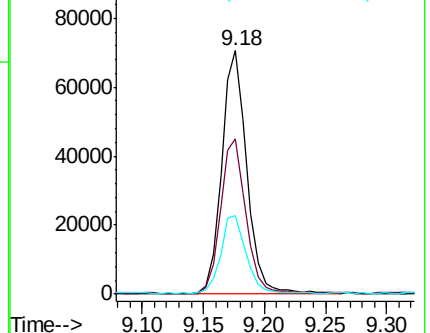
39 32.2 25.4 38.0

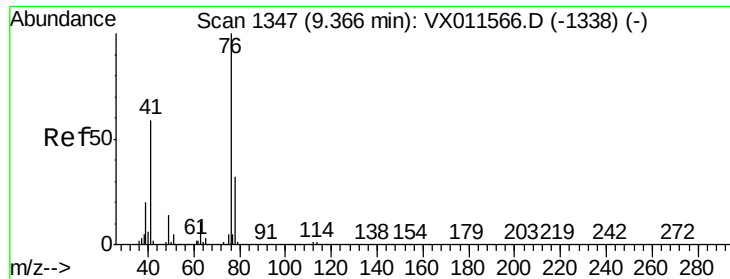


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

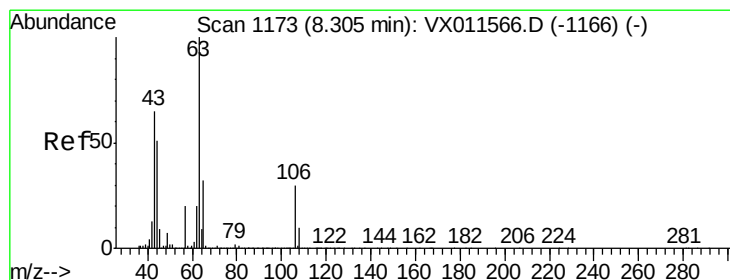
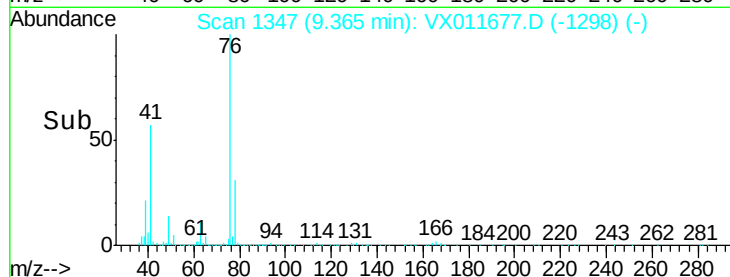
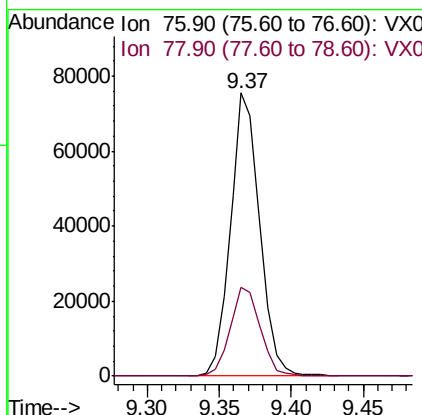
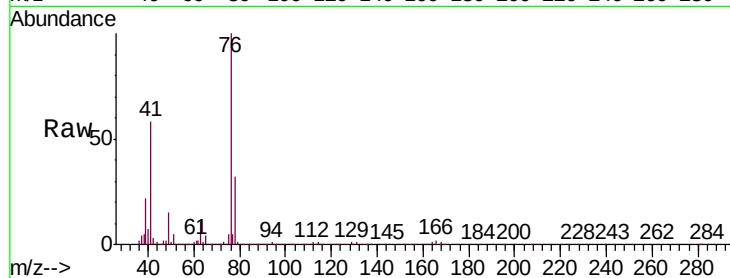




#57
 1,3-Dichloropropane
 Concen: 19.799 ug/l
 RT: 9.37 min Scan# 1347
 Delta R.T. -0.00 min
 Lab File: VX011677.D
 Acq: 20 Aug 2019 12:17

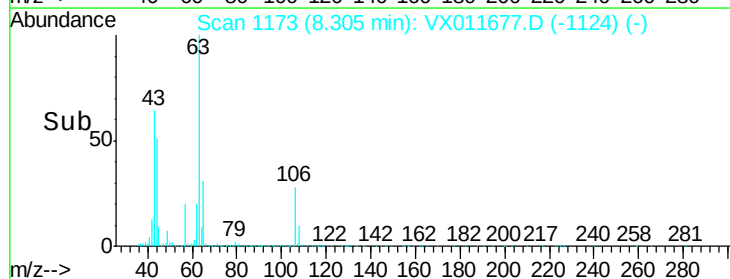
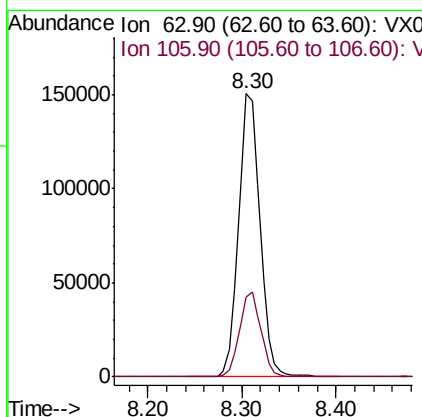
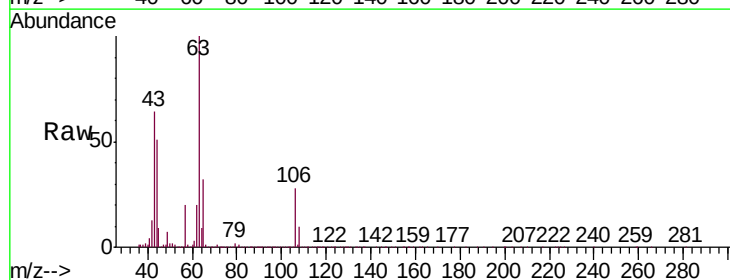
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0820MBS01

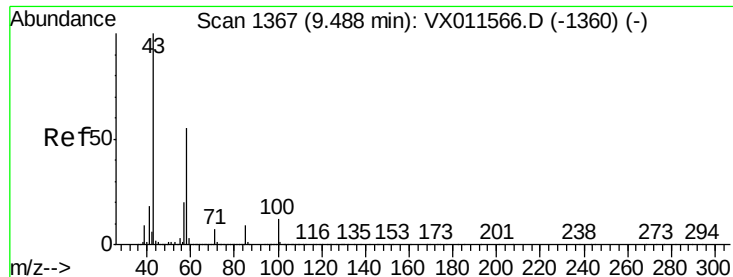
Tgt Ion: 76 Resp: 106805
 Ion Ratio Lower Upper
 76 100
 78 32.3 26.2 39.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 96.994 ug/l
 RT: 8.30 min Scan# 1173
 Delta R.T. -0.00 min
 Lab File: VX011677.D
 Acq: 20 Aug 2019 12:17

Tgt Ion: 63 Resp: 238378
 Ion Ratio Lower Upper
 63 100
 106 30.2 24.7 37.1

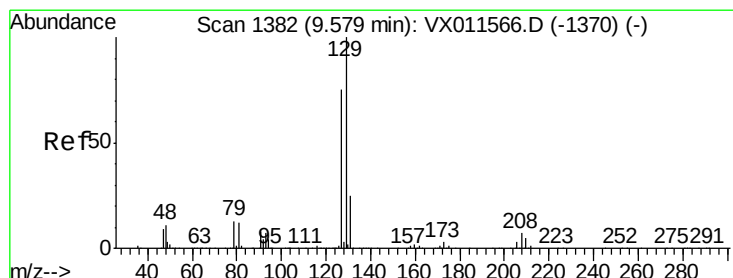
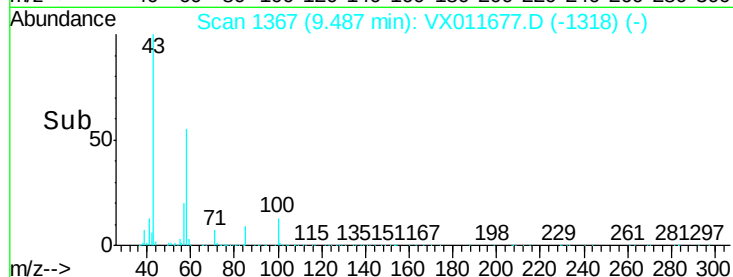
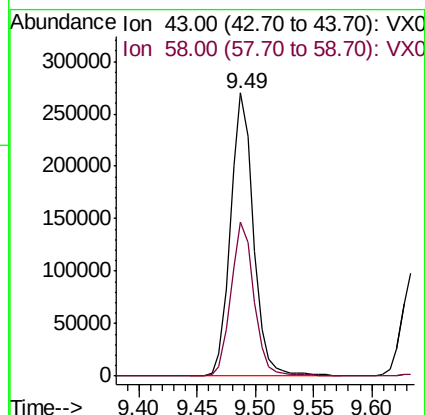
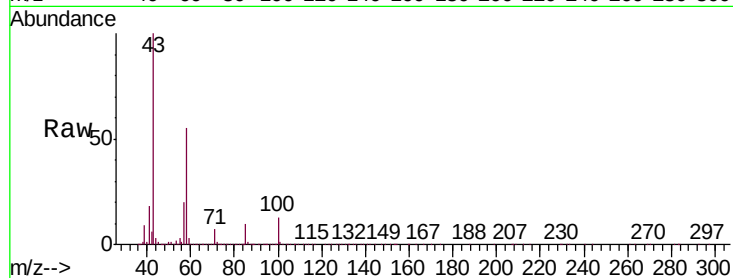




#59
2-Hexanone
Concen: 101.213 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX011677.D
Acq: 20 Aug 2019 12:17

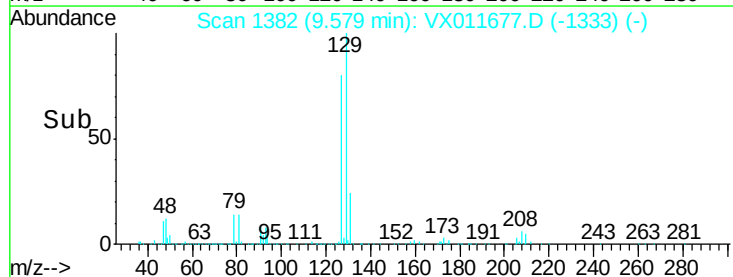
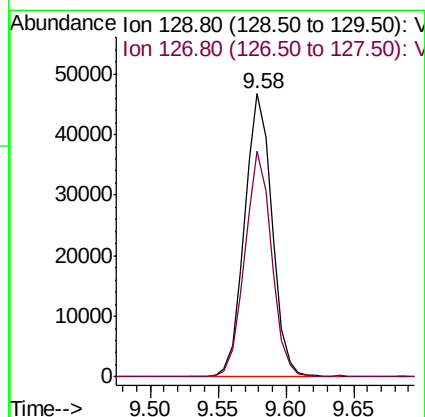
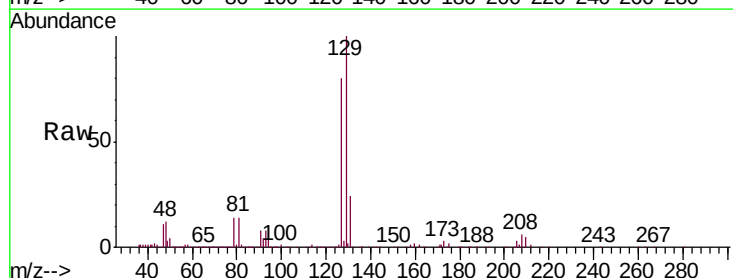
Instrument :
MSVOA_X
ClientSampleId :
VX0820MBS01

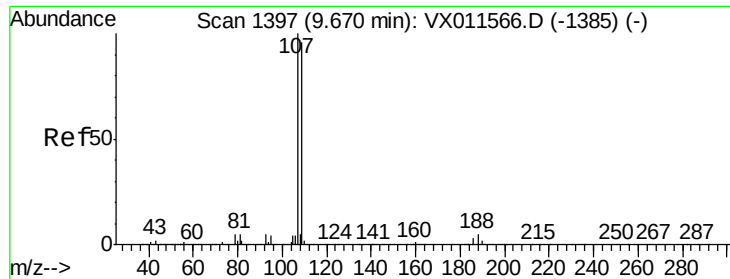
Tgt Ion: 43 Resp: 369641
Ion Ratio Lower Upper
43 100
58 54.9 27.5 82.4



#60
Dibromochloromethane
Concen: 18.728 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX011677.D
Acq: 20 Aug 2019 12:17

Tgt Ion: 129 Resp: 66218
Ion Ratio Lower Upper
129 100
127 77.3 38.0 114.1





#61

1,2-Dibromoethane

Concen: 20.037 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX011677.D

Acq: 20 Aug 2019 12:17

Instrument :

MSVOA_X

ClientSampleId :

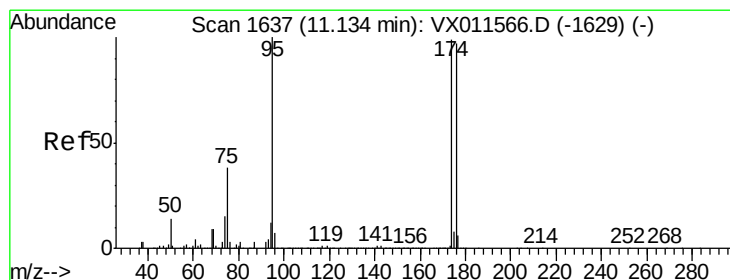
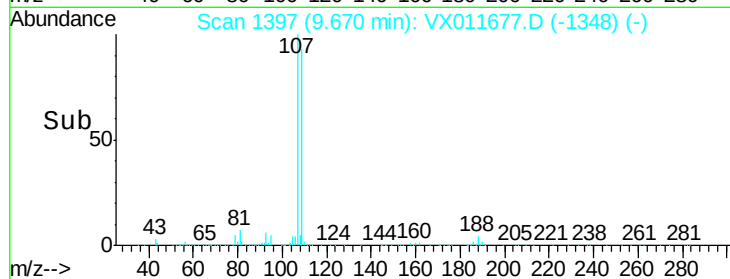
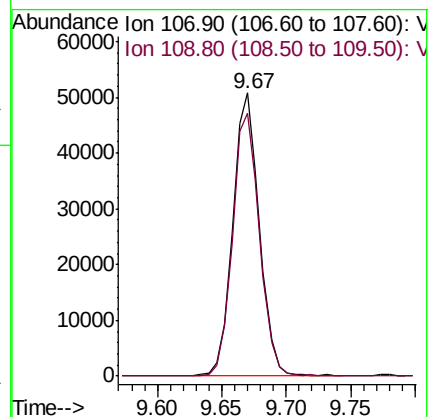
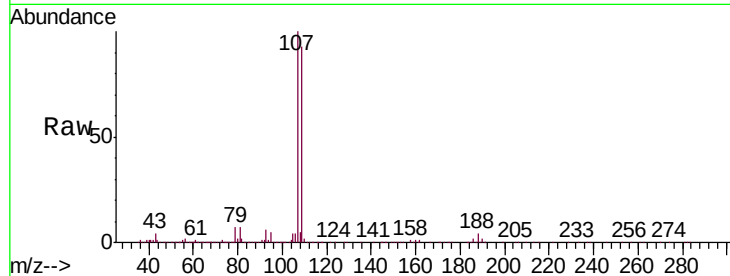
VX0820MBS01

Tgt Ion: 107 Resp: 72570

Ion Ratio Lower Upper

107 100

109 95.4 76.2 114.2



#62

4-Bromofluorobenzene

Concen: 45.967 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011677.D

Acq: 20 Aug 2019 12:17

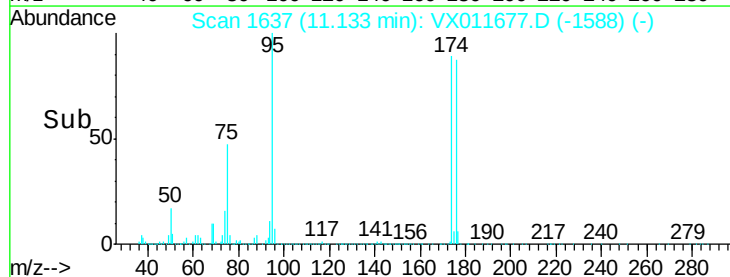
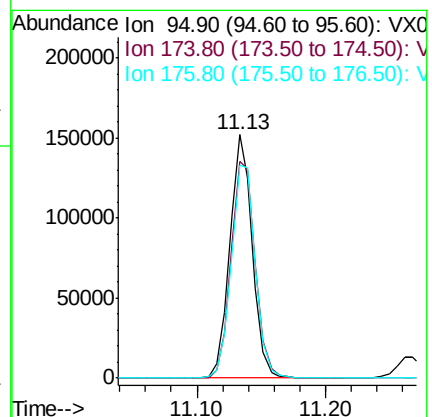
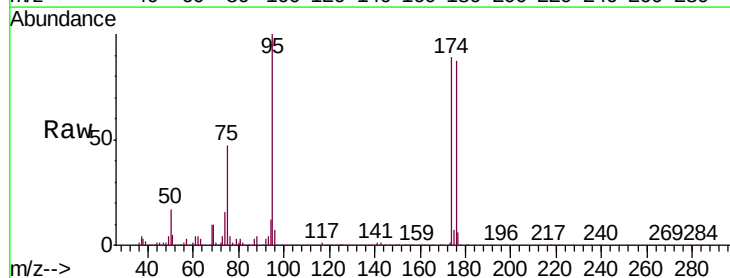
Tgt Ion: 95 Resp: 186418

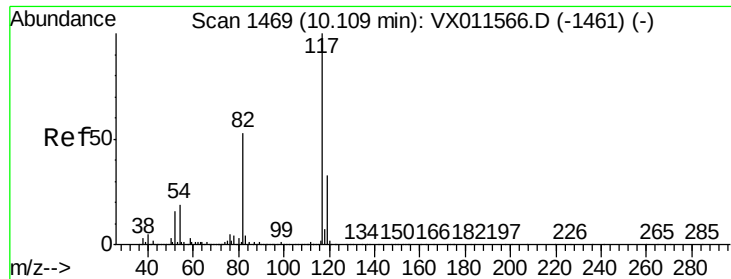
Ion Ratio Lower Upper

95 100

174 96.1 0.0 200.6

176 94.1 0.0 196.6

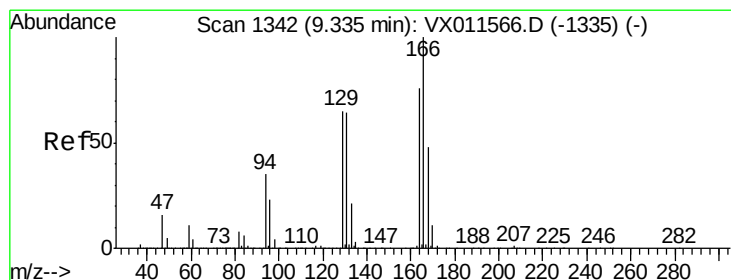
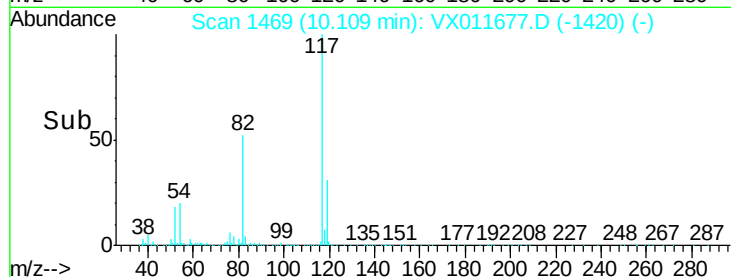
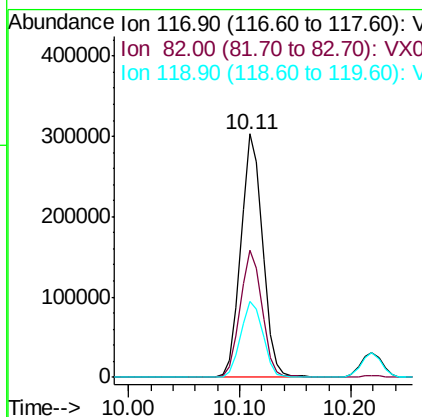
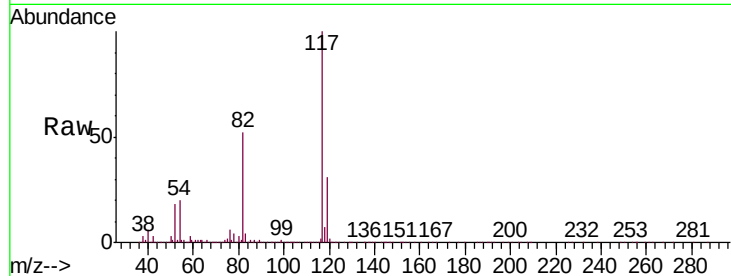




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011677.D
Acq: 20 Aug 2019 12:17

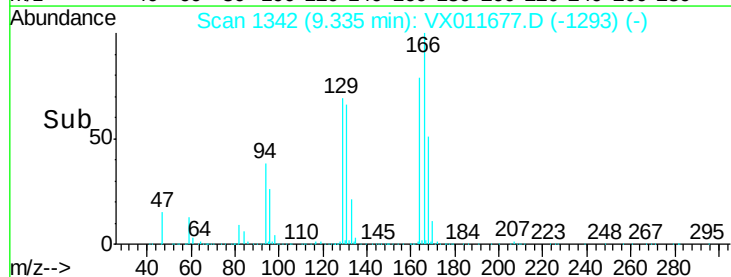
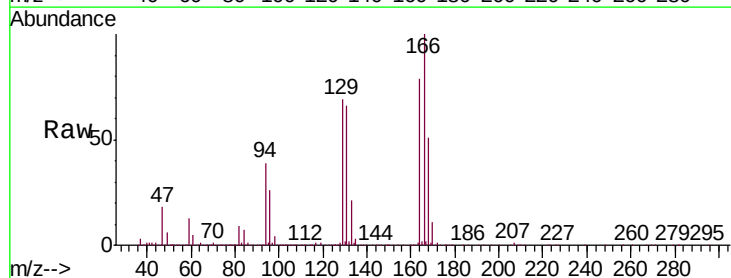
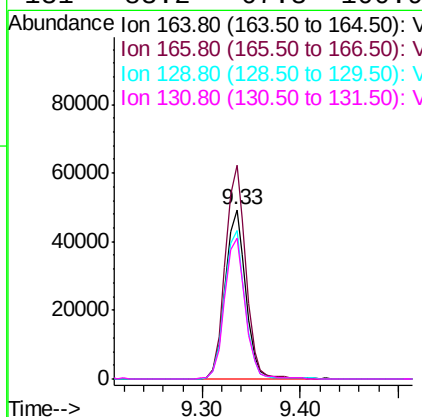
Instrument :
MSVOA_X
ClientSampleId :
VX0820MBS01

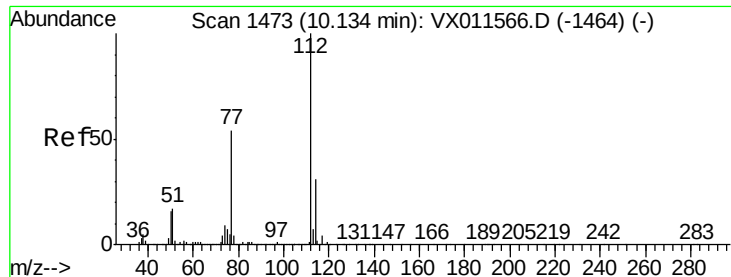
Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.3	42.0	63.0
119	31.2	26.5	39.7



#64
Tetrachloroethene
Concen: 21.392 ug/l
RT: 9.33 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX011677.D
Acq: 20 Aug 2019 12:17

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.3	104.7	157.1
129	87.6	68.2	102.4
131	83.2	67.3	100.9





#65

Chlorobenzene

Concen: 19.965 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.00 min

Lab File: VX011677.D

Acq: 20 Aug 2019 12:17

Instrument :

MSVOA_X

ClientSampled :

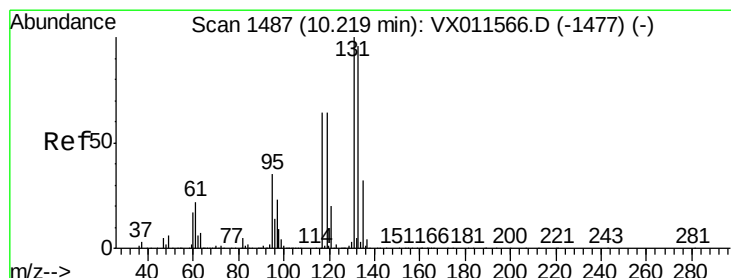
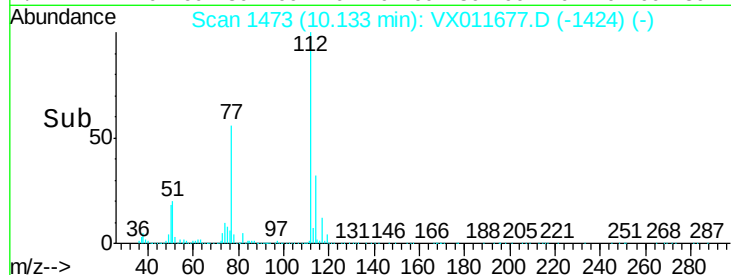
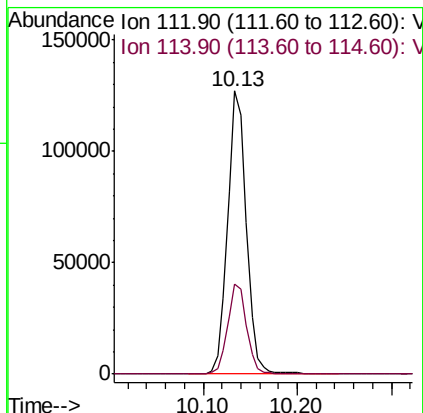
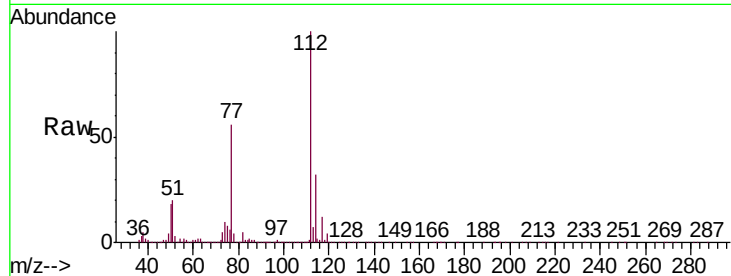
VX0820MBS01

Tgt Ion:112 Resp: 175120

Ion Ratio Lower Upper

112 100

114 31.7 25.0 37.6



#66

1,1,1,2-Tetrachloroethane

Concen: 19.751 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX011677.D

Acq: 20 Aug 2019 12:17

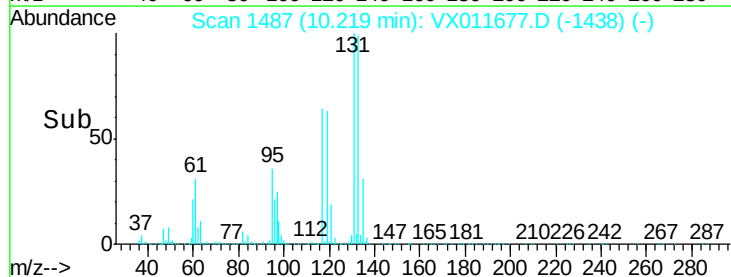
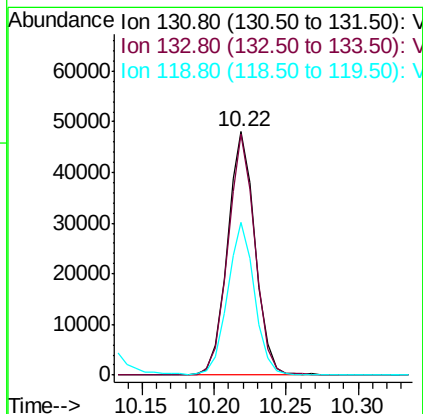
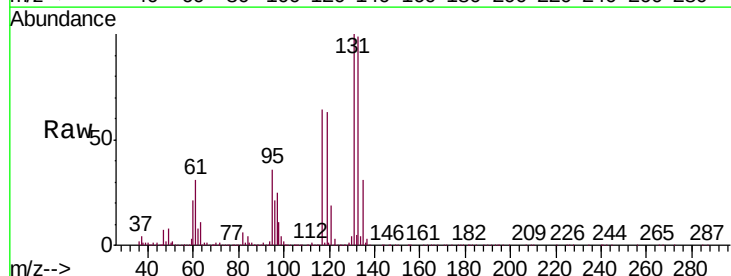
Tgt Ion:131 Resp: 64753

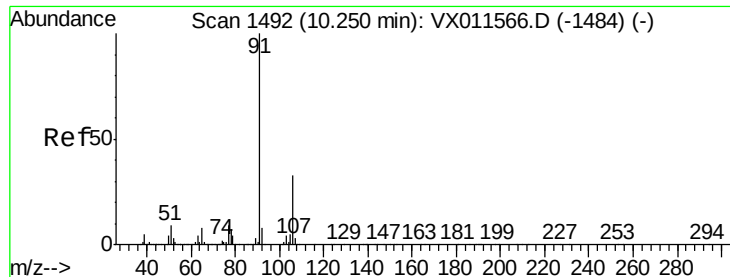
Ion Ratio Lower Upper

131 100

133 97.4 48.1 144.4

119 61.0 31.3 93.8





#67

Ethyl Benzene

Concen: 20.715 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX011677.D

Acq: 20 Aug 2019 12:17

Instrument :

MSVOA_X

ClientSampleId :

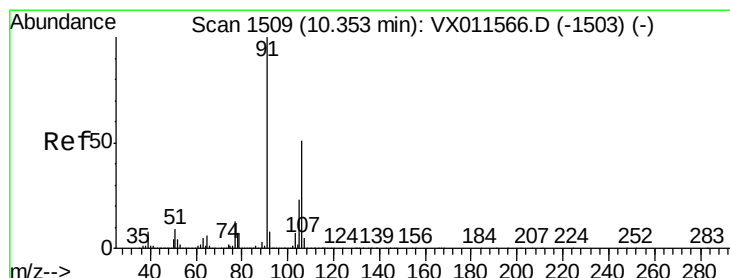
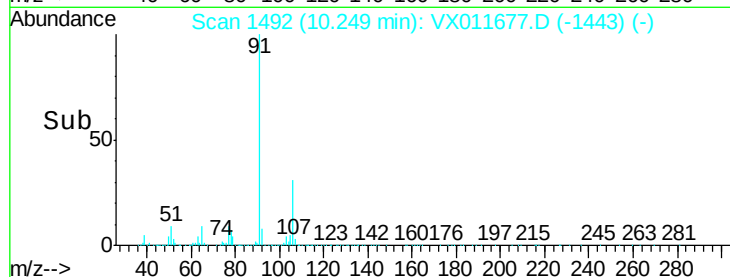
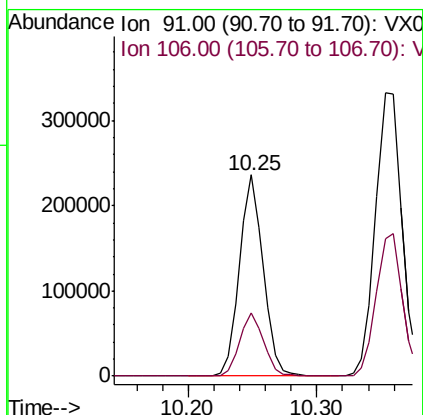
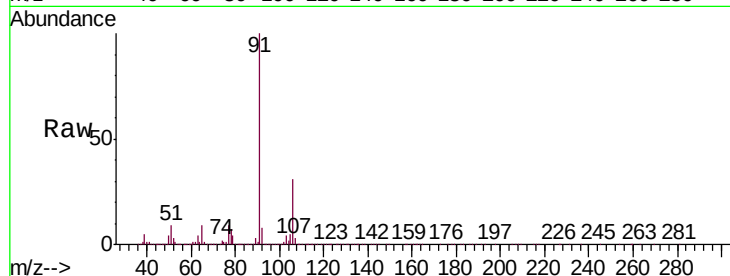
VX0820MBS01

Tgt Ion: 91 Resp: 303230

Ion Ratio Lower Upper

91 100

106 31.2 26.0 39.0



#68

m/p-Xylenes

Concen: 41.768 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.01 min

Lab File: VX011677.D

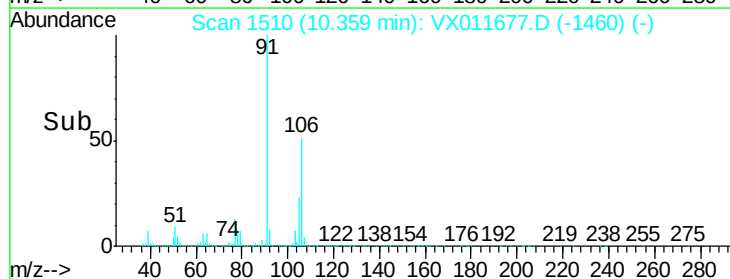
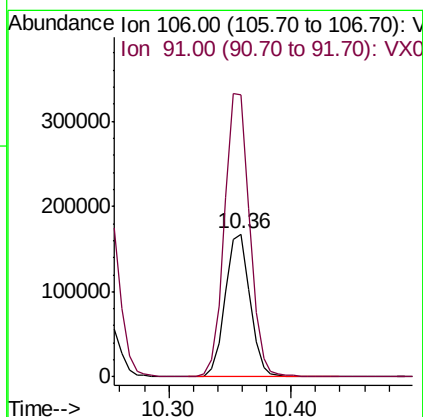
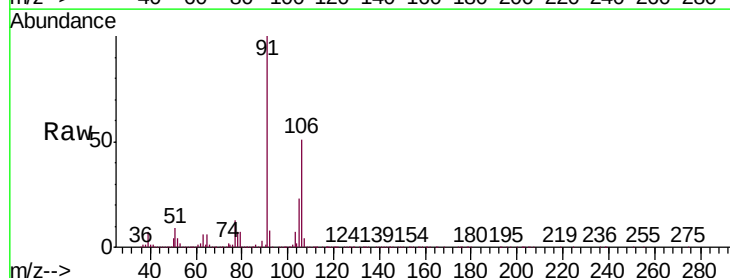
Acq: 20 Aug 2019 12:17

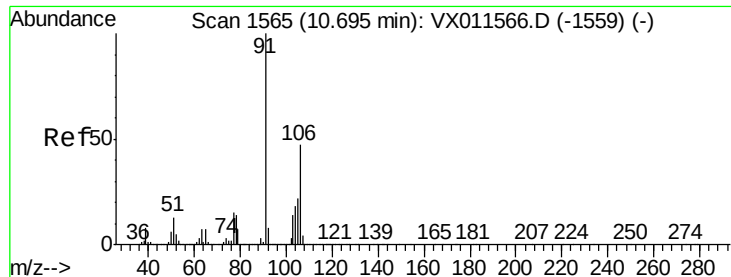
Tgt Ion: 106 Resp: 234693

Ion Ratio Lower Upper

106 100

91 201.0 156.0 234.0

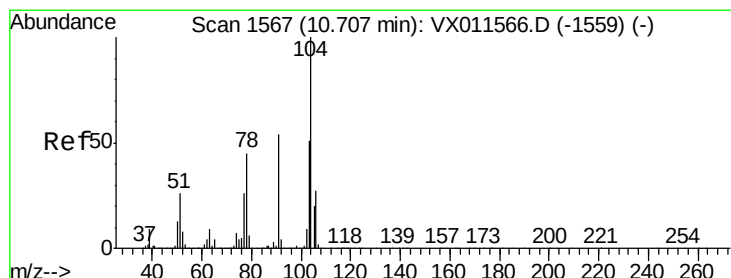
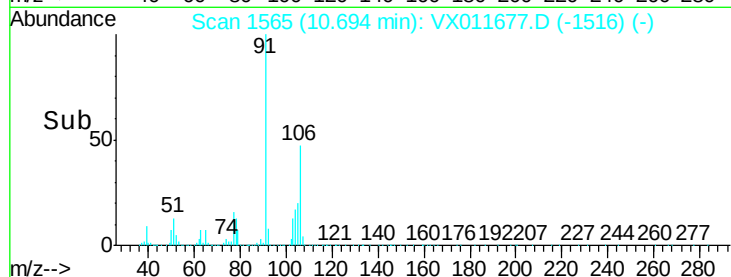
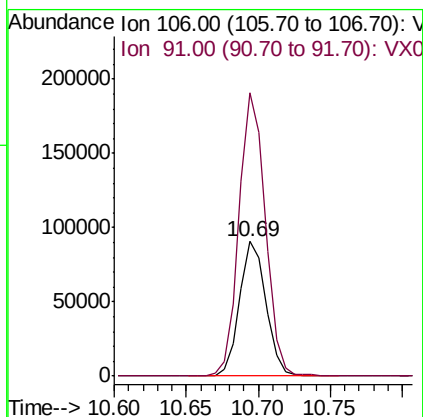
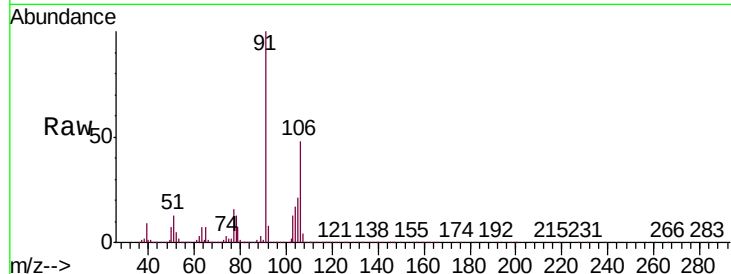




#69
o-Xylene
Concen: 21.124 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX011677.D
Acq: 20 Aug 2019 12:17

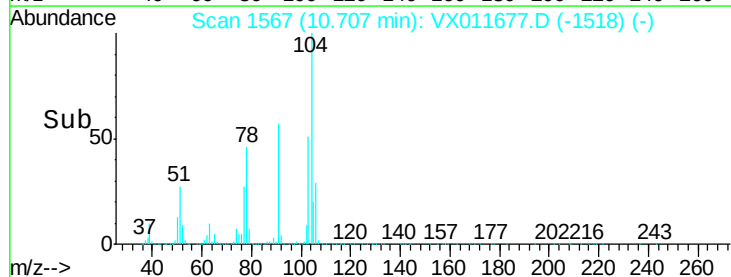
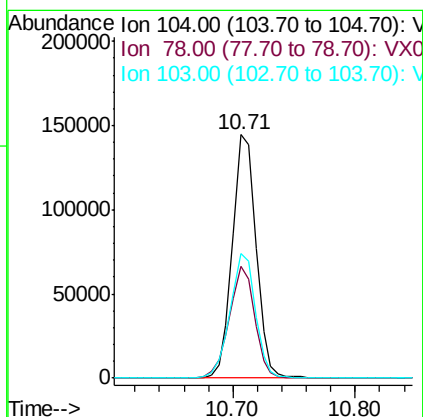
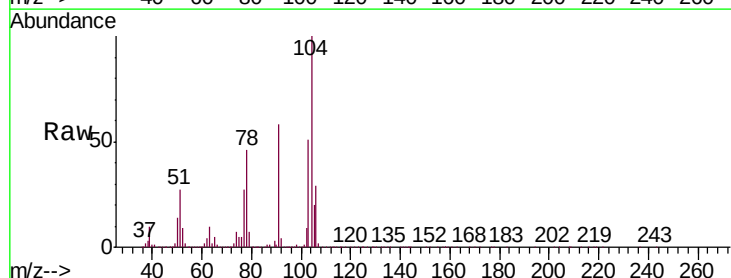
Instrument :
MSVOA_X
ClientSampleId :
VX0820MBS01

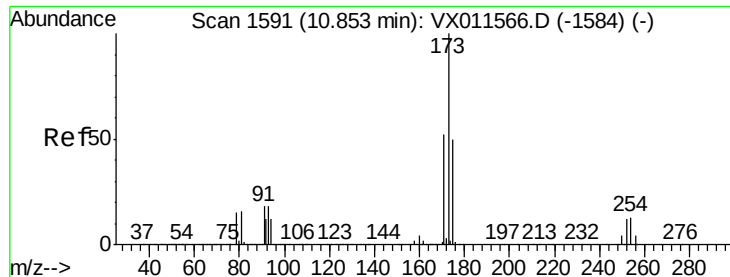
Tgt Ion:106 Resp: 116264
Ion Ratio Lower Upper
106 100
91 209.3 105.5 316.4



#70
Styrene
Concen: 20.978 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX011677.D
Acq: 20 Aug 2019 12:17

Tgt Ion:104 Resp: 194377
Ion Ratio Lower Upper
104 100
78 49.1 38.2 57.4
103 54.7 43.6 65.4





#71

Bromoform

Concen: 17.794 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX011677.D

Acq: 20 Aug 2019 12:17

Instrument :

MSVOA_X

ClientSampleId :

VX0820MBS01

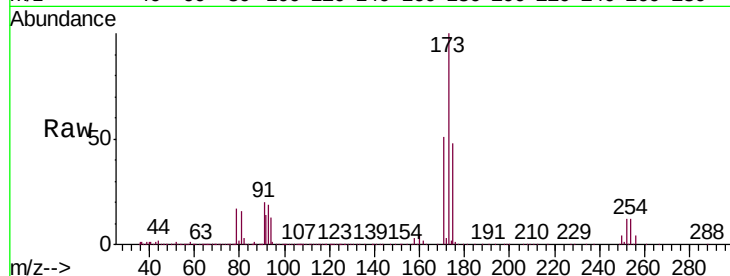
Tgt Ion:173 Resp: 49458

Ion Ratio Lower Upper

173 100

175 49.0 24.9 74.7

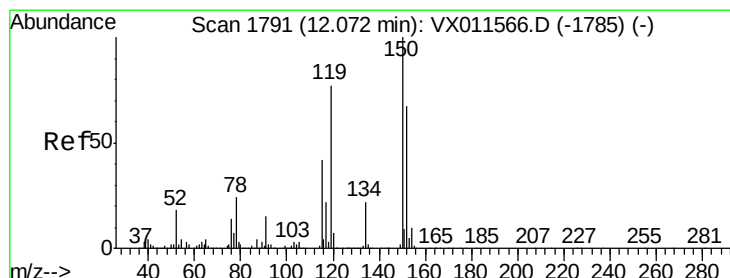
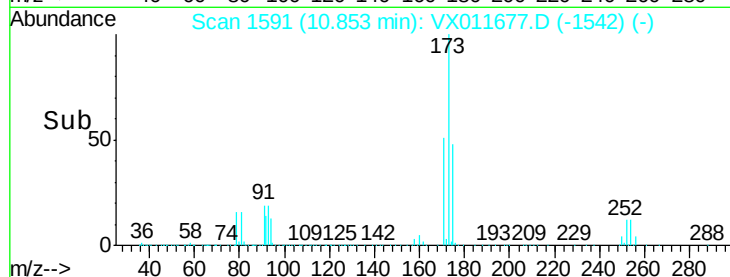
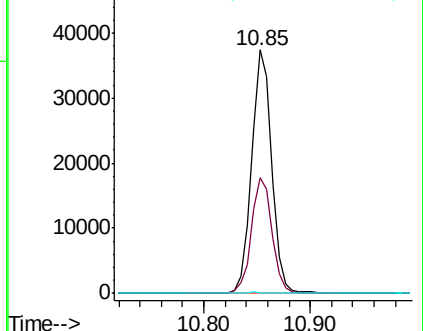
254 0.4 0.1 0.1#



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: VX011677.D

Acq: 20 Aug 2019 12:17

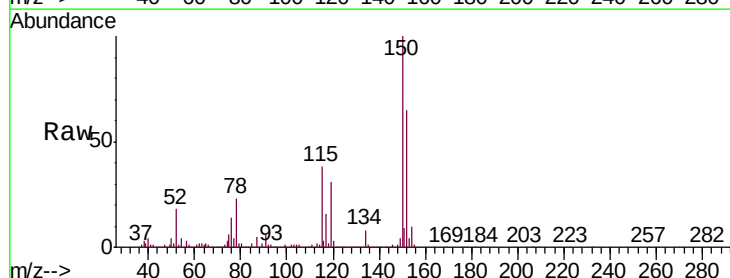
Tgt Ion:152 Resp: 232687

Ion Ratio Lower Upper

152 100

115 63.5 37.3 111.9

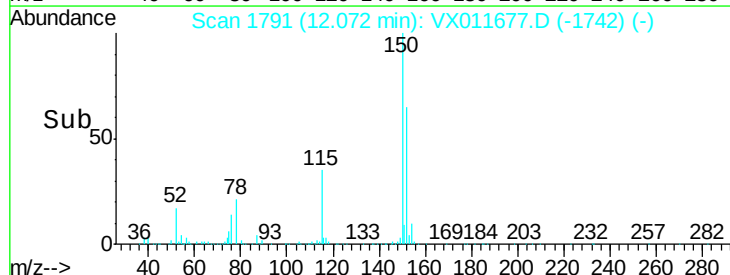
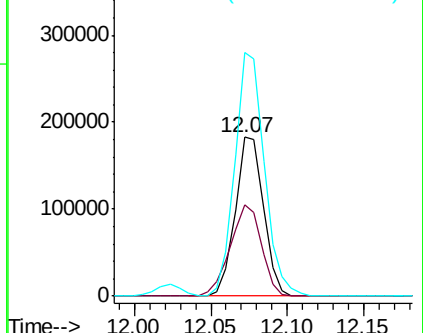
150 161.4 0.0 346.2

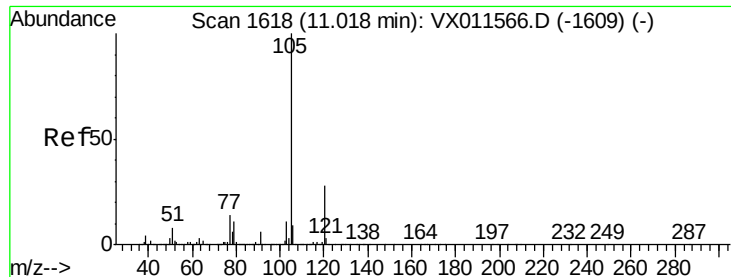


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.783 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX011677.D

Acq: 20 Aug 2019 12:17

Instrument :

MSVOA_X

ClientSampleId :

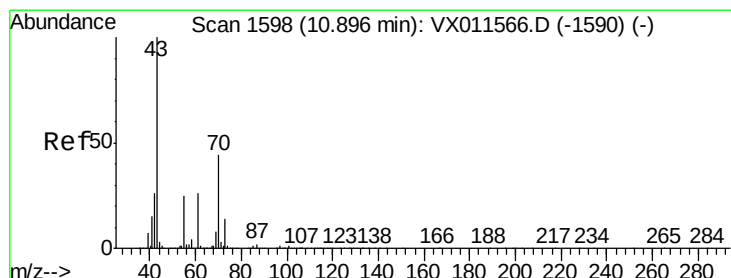
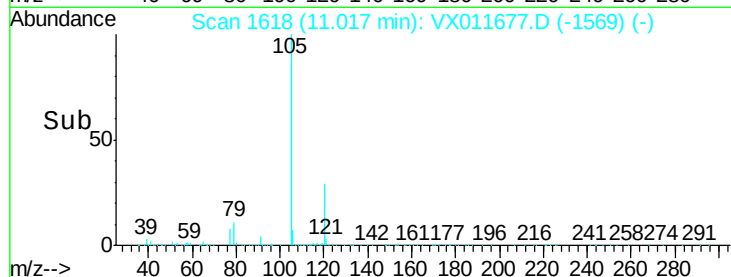
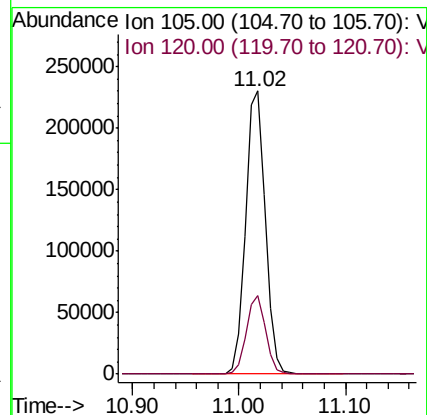
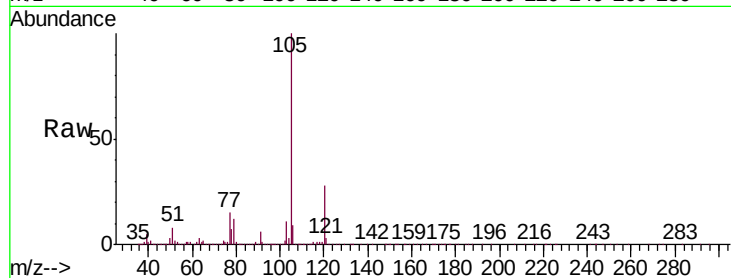
VX0820MBS01

Tgt Ion: 105 Resp: 298702

Ion Ratio Lower Upper

105 100

120 27.3 14.0 41.9



#74

N-ethyl acetate

Concen: 19.240 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX011677.D

Acq: 20 Aug 2019 12:17

Tgt Ion: 43 Resp: 123452

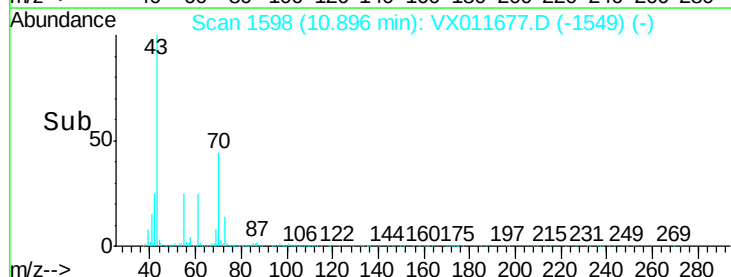
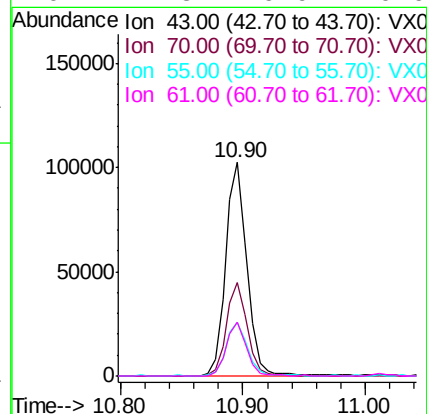
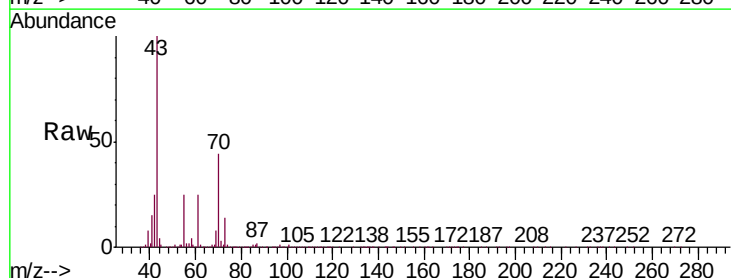
Ion Ratio Lower Upper

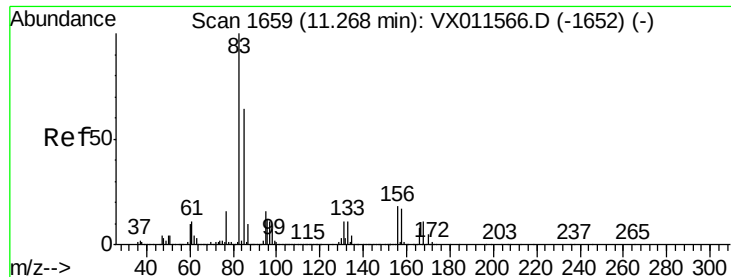
43 100

70 42.5 34.7 52.1

55 25.3 19.6 29.4

61 24.3 19.9 29.9





#75

1,1,2,2-Tetrachloroethane

Concen: 19.873 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VX011677.D

Acq: 20 Aug 2019 12:17

Instrument :

MSVOA_X

ClientSampleId :

VX0820MBS01

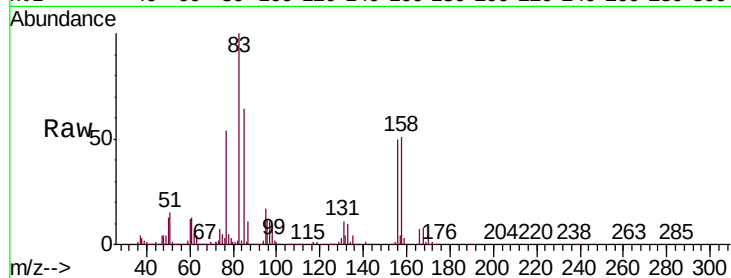
Tgt Ion: 83 Resp: 103221

Ion Ratio Lower Upper

83 100

131 11.9 5.8 17.3

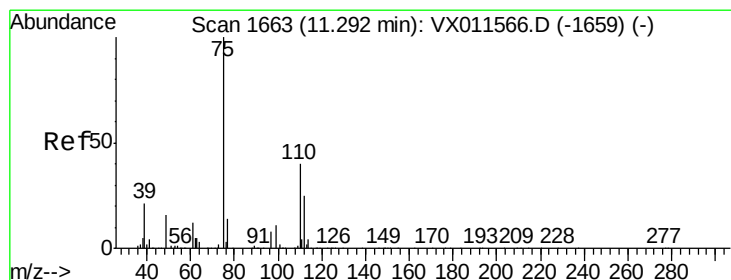
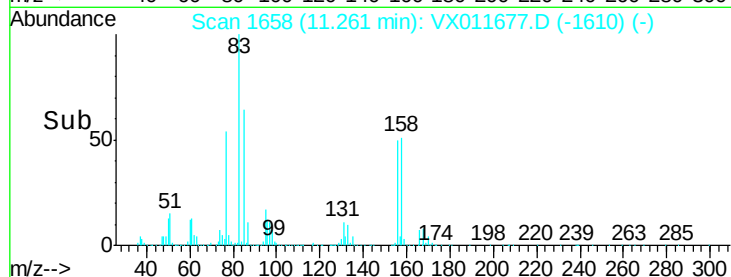
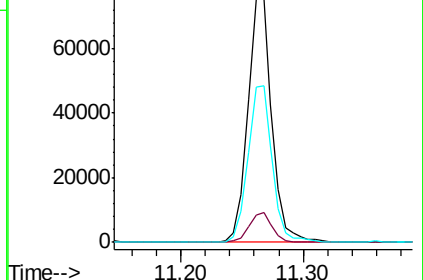
85 64.5 31.9 95.9



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: 25.186 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX011677.D

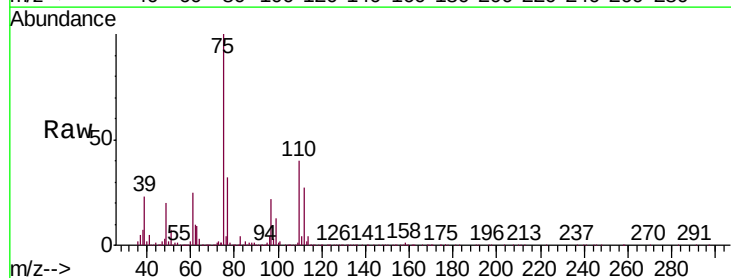
Acq: 20 Aug 2019 12:17

Tgt Ion: 75 Resp: 111128

Ion Ratio Lower Upper

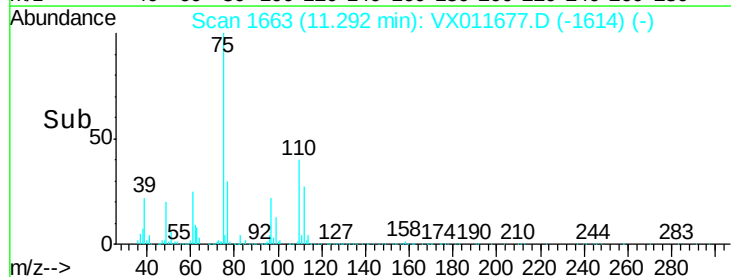
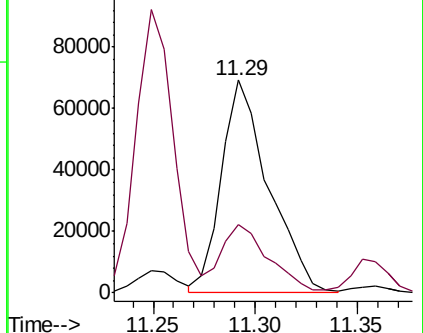
75 100

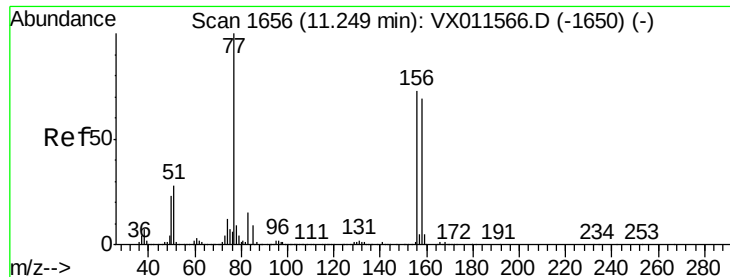
77 32.3 20.9 62.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.758 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.01 min

Lab File: VX011677.D

Acq: 20 Aug 2019 12:17

Instrument :

MSVOA_X

ClientSampleId :

VX0820MBS01

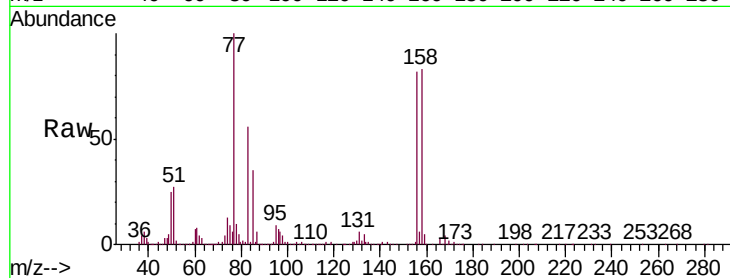
Tgt Ion:156 Resp: 88757

Ion Ratio Lower Upper

156 100

77 132.7 64.6 193.9

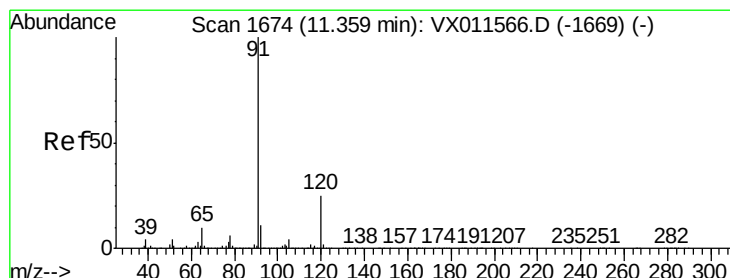
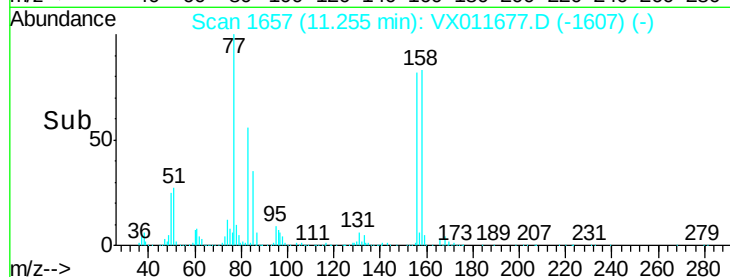
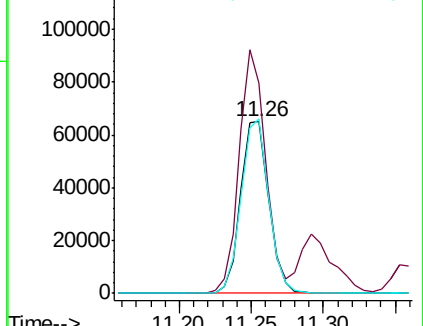
158 99.0 48.4 145.3



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: 20.669 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX011677.D

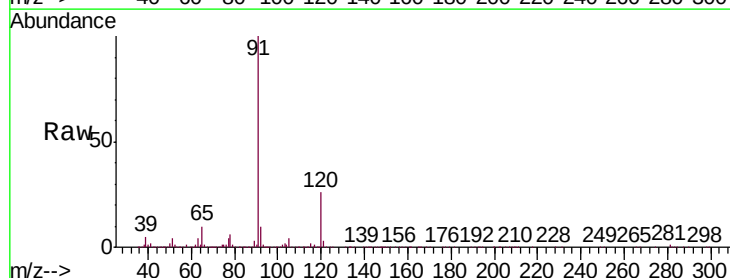
Acq: 20 Aug 2019 12:17

Tgt Ion: 91 Resp: 336517

Ion Ratio Lower Upper

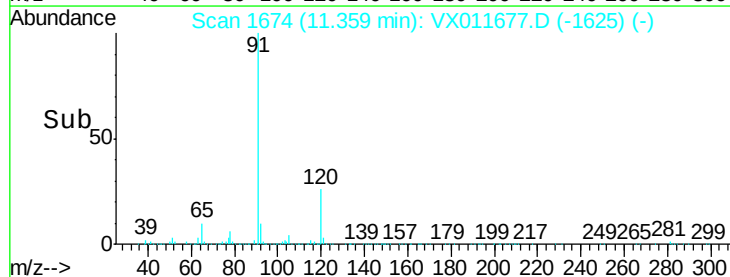
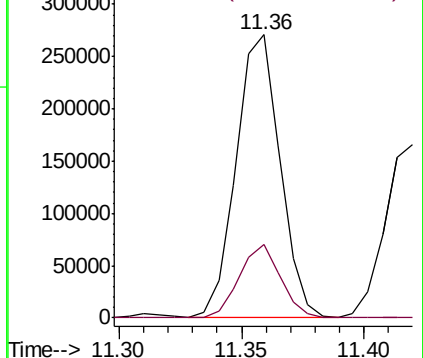
91 100

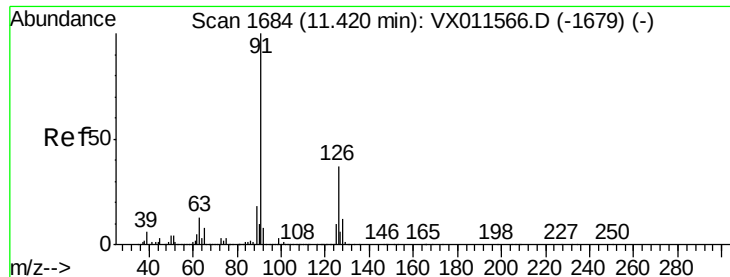
120 24.7 12.6 37.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.858 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX011677.D

Acq: 20 Aug 2019 12:17

Instrument :

MSVOA_X

ClientSampleId :

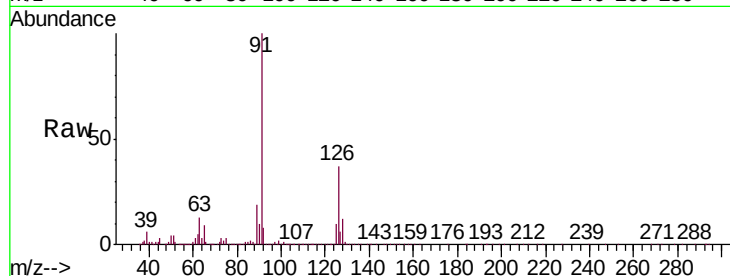
VX0820MBS01

Tgt Ion: 91 Resp: 208524

Ion Ratio Lower Upper

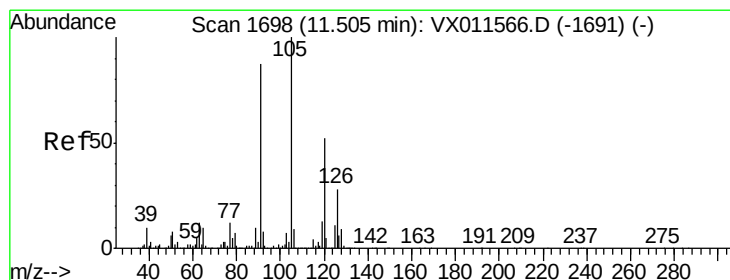
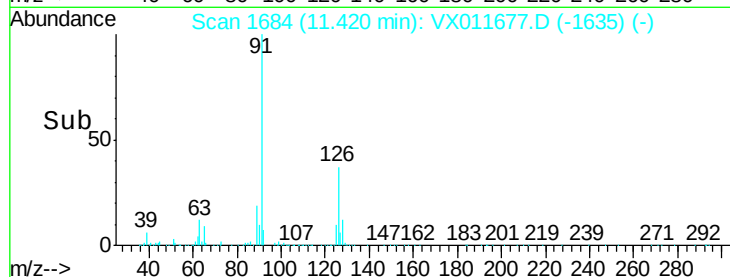
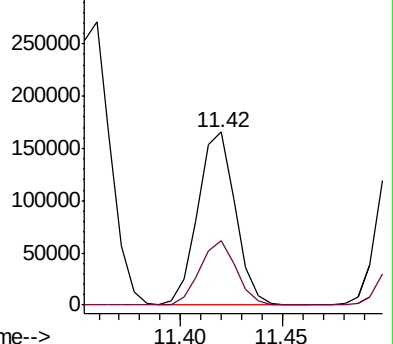
91 100

126 37.0 18.4 55.0



Abundance Ion 91.00 (90.70 to 91.70): VX011566.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX011566.D (-1679) (-)



#80

1,3,5-Trimethylbenzene

Concen: 21.111 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX011677.D

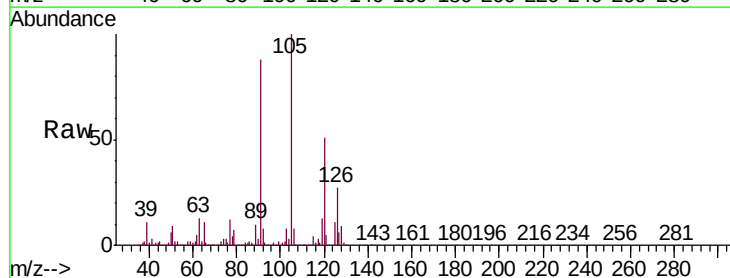
Acq: 20 Aug 2019 12:17

Tgt Ion: 105 Resp: 267759

Ion Ratio Lower Upper

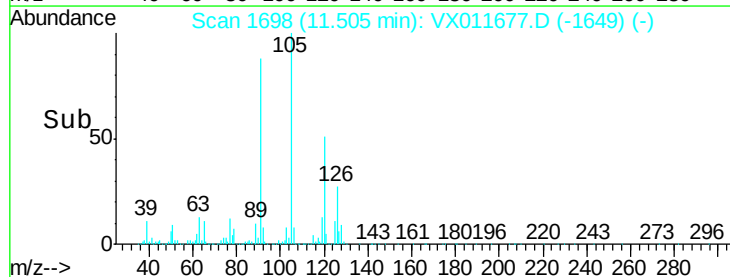
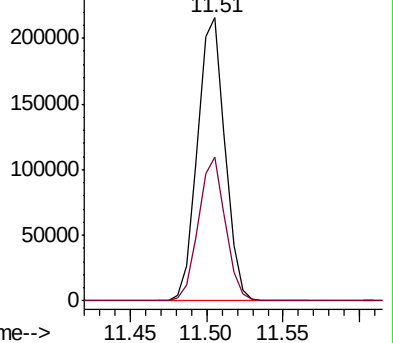
105 100

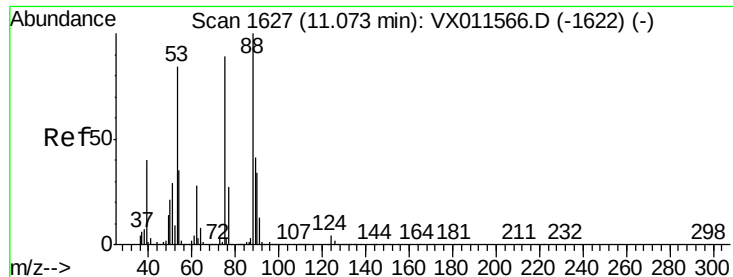
120 49.5 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): VX011566.D (-1691) (-)

Ion 120.00 (119.70 to 120.70): VX011566.D (-1691) (-)

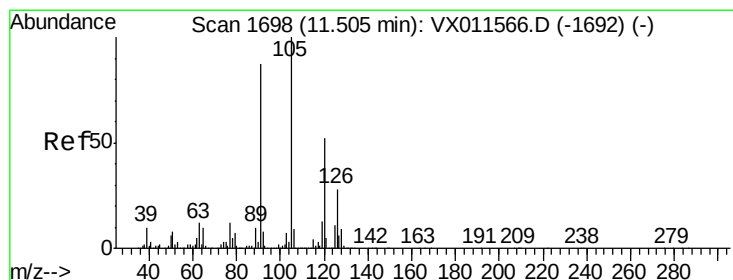
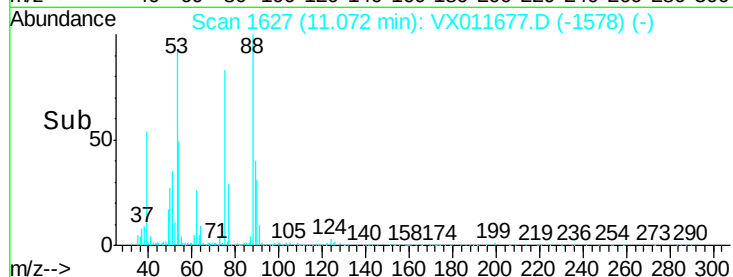
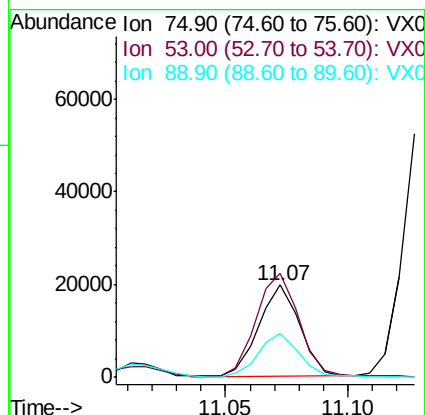
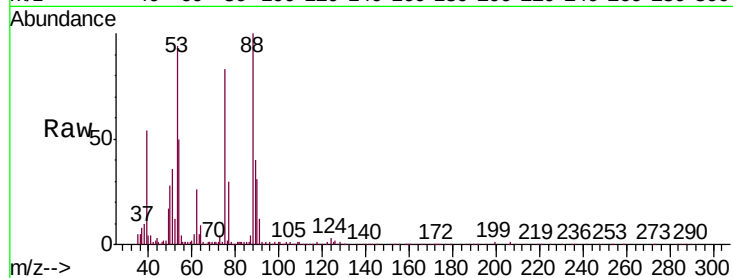




#81
trans-1,4-Dichloro-2-butene
Concen: 17.408 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX011677.D
Acq: 20 Aug 2019 12:17

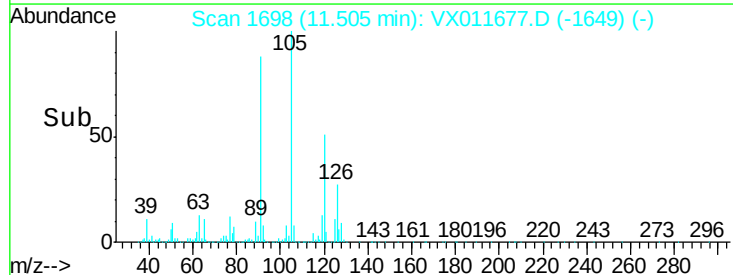
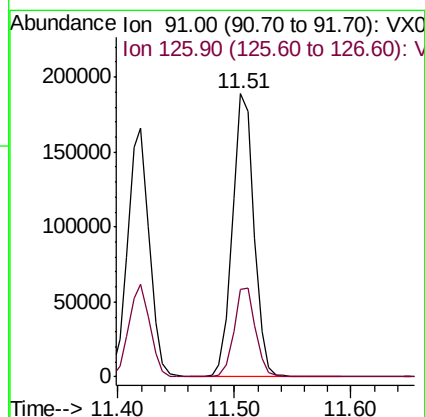
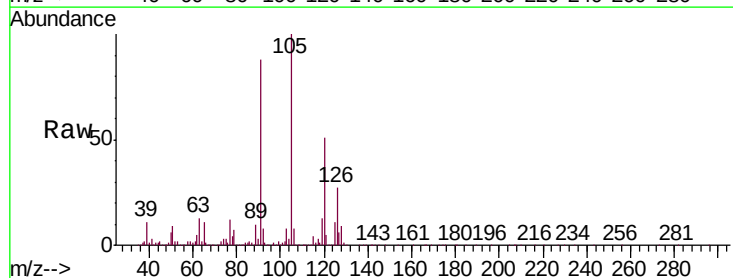
Instrument :
MSVOA_X
ClientSampleId :
VX0820MBS01

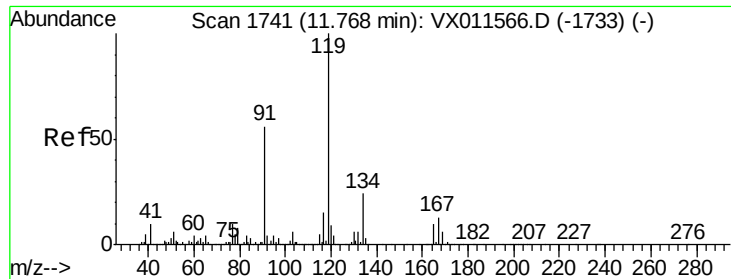
Tgt Ion: 75 Resp: 23121
Ion Ratio Lower Upper
75 100
53 118.2 77.4 116.0#
89 48.5 37.3 55.9



#82
4-Chlorotoluene
Concen: 20.916 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX011677.D
Acq: 20 Aug 2019 12:17

Tgt Ion: 91 Resp: 242591
Ion Ratio Lower Upper
91 100
126 31.7 16.4 49.1

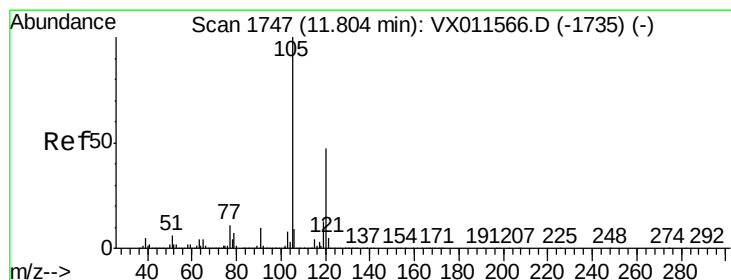
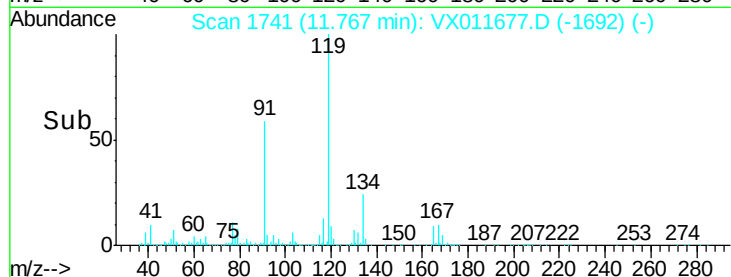
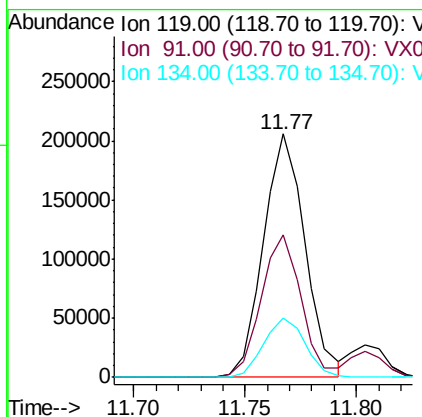
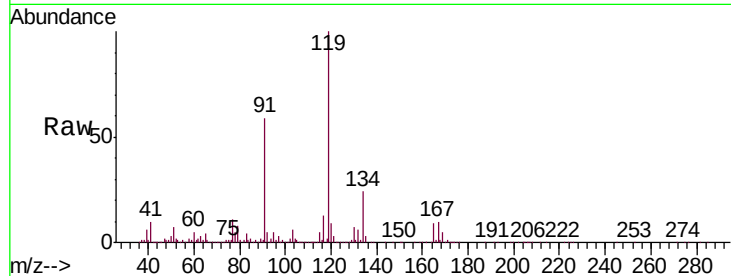




#83
 tert-Butylbenzene
 Concen: 20.678 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX011677.D
 Acq: 20 Aug 2019 12:17

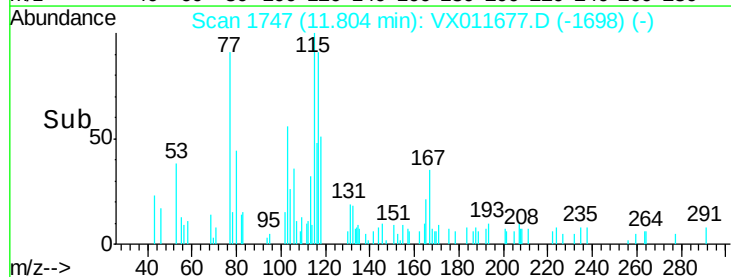
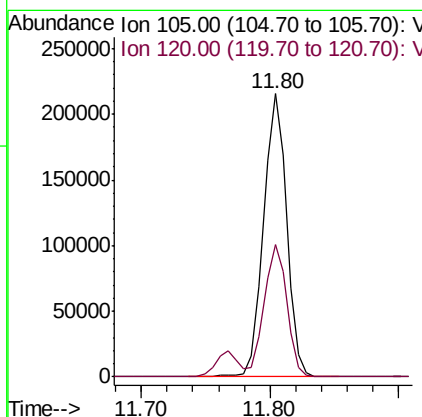
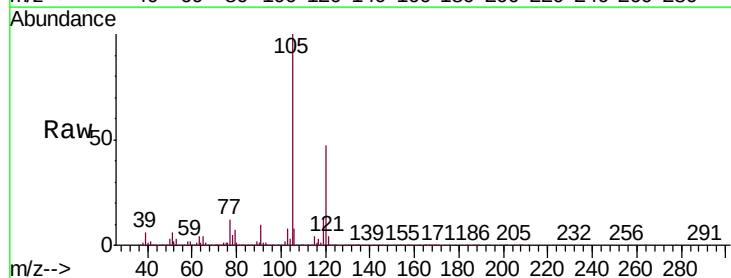
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0820MBS01

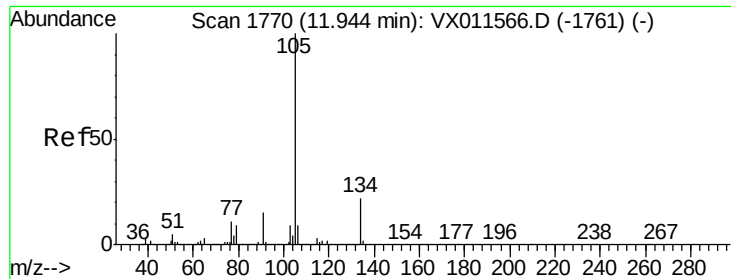
Tgt Ion	Ratio	Lower	Upper
119	100		
91	56.7	27.1	81.3
134	24.4	11.8	35.3



#84
 1,2,4-Trimethylbenzene
 Concen: 20.988 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX011677.D
 Acq: 20 Aug 2019 12:17

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.2	23.3	69.9





#85

sec-Butylbenzene

Concen: 20.822 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX011677.D

Acq: 20 Aug 2019 12:17

Instrument :

MSVOA_X

ClientSampleId :

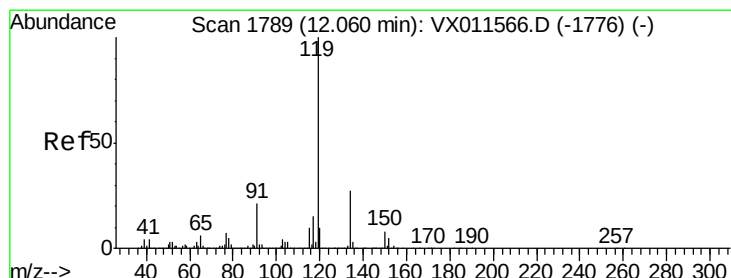
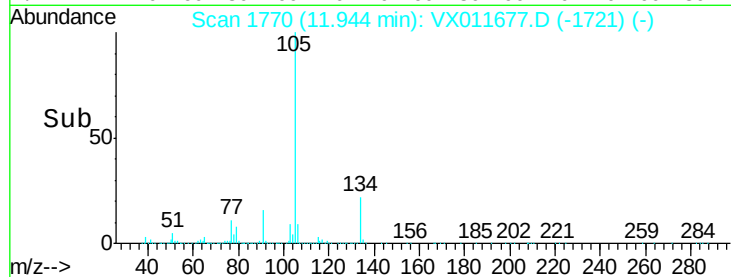
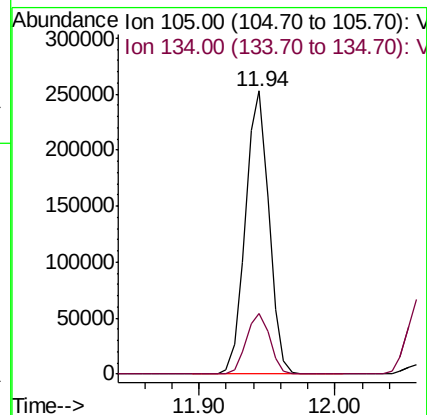
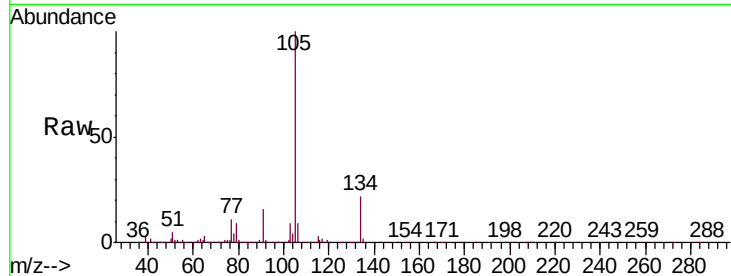
VX0820MBS01

Tgt Ion:105 Resp: 303464

Ion Ratio Lower Upper

105 100

134 21.7 10.8 32.4



#86

p-Isopropyltoluene

Concen: 21.124 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX011677.D

Acq: 20 Aug 2019 12:17

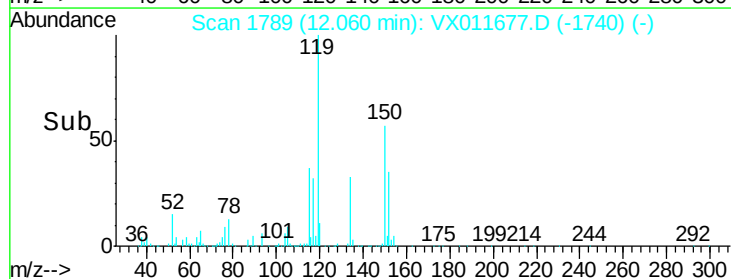
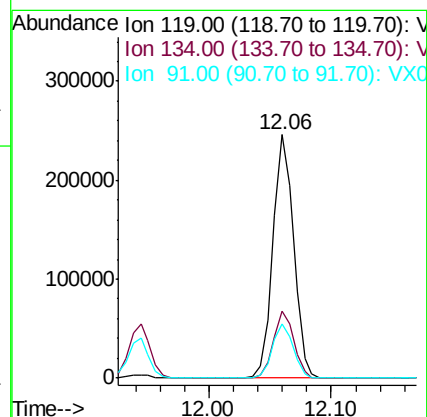
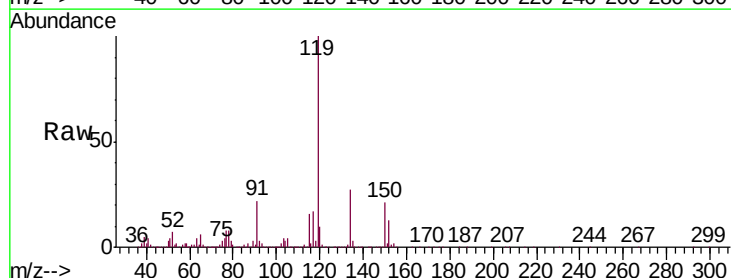
Tgt Ion:119 Resp: 289639

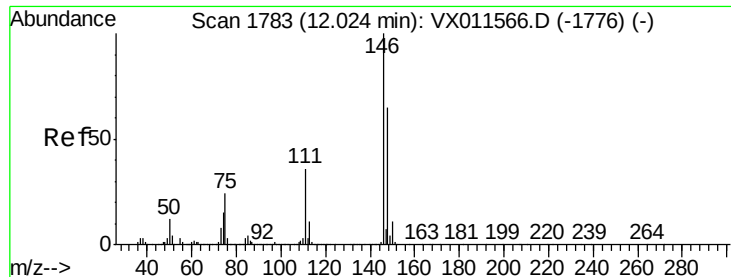
Ion Ratio Lower Upper

119 100

134 27.2 13.6 40.8

91 22.6 10.9 32.9

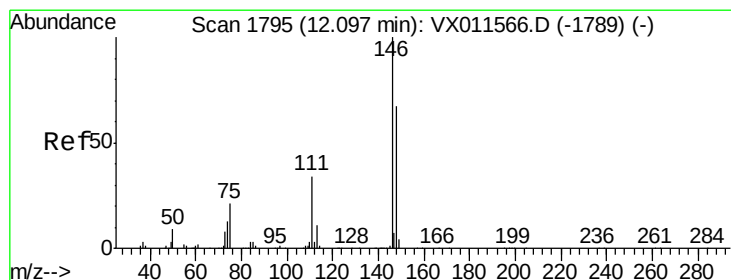
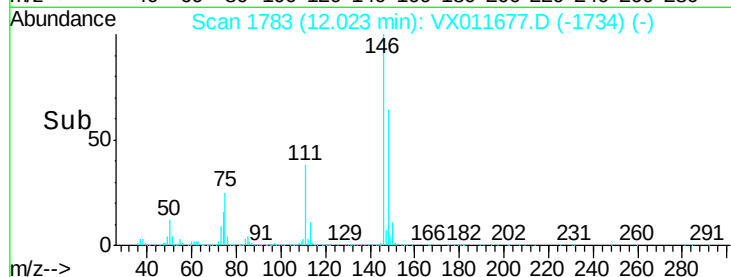
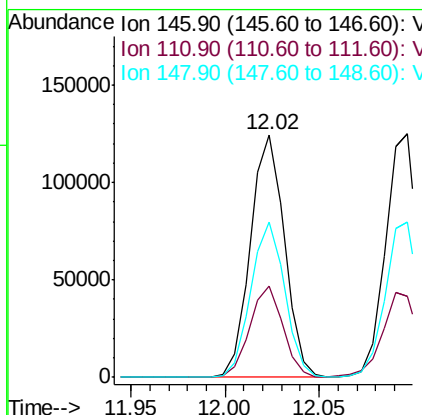
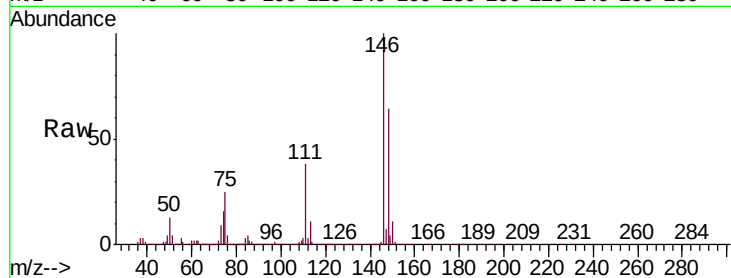




#87
 1,3-Dichlorobenzene
 Concen: 20.251 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX011677.D
 Acq: 20 Aug 2019 12:17

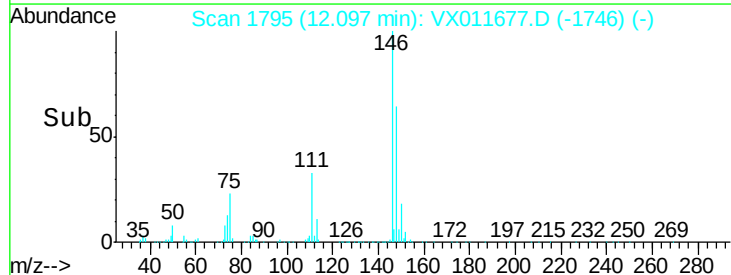
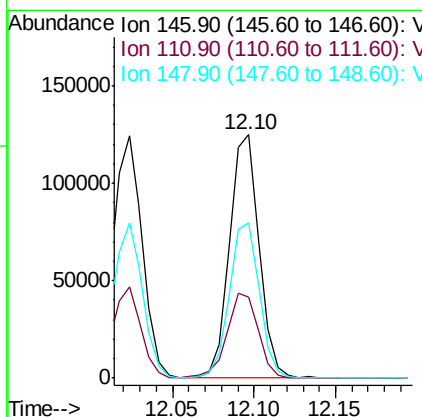
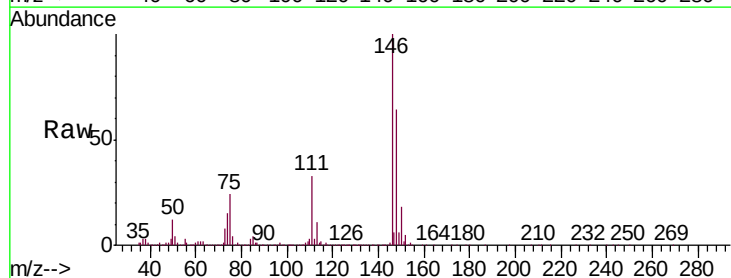
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0820MBS01

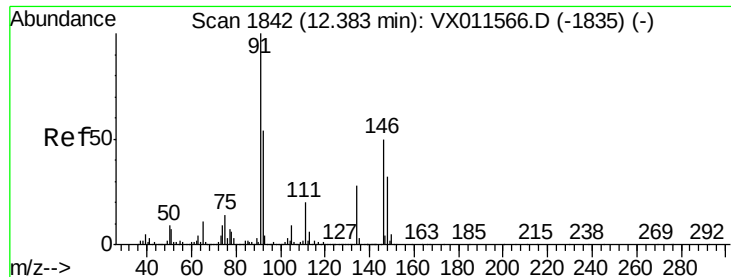
Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.4	18.1	54.4
148	63.9	32.0	96.0



#88
 1,4-Dichlorobenzene
 Concen: 19.996 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX011677.D
 Acq: 20 Aug 2019 12:17

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.8	17.9	53.7
148	65.0	32.5	97.5

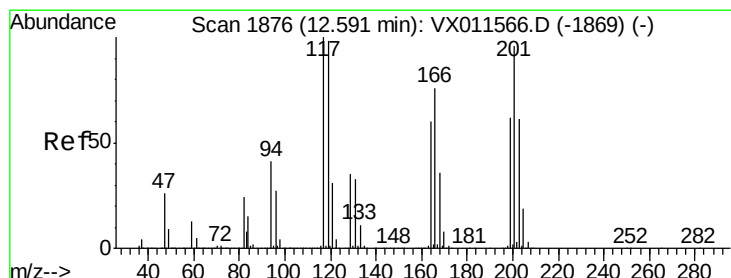
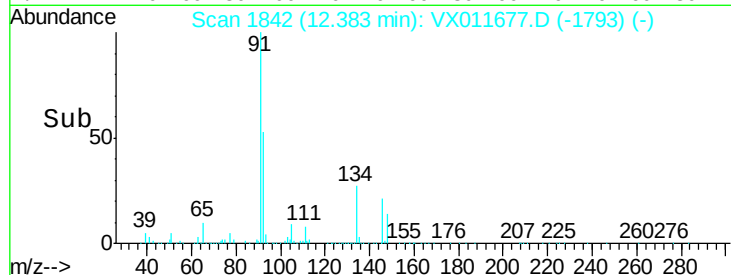
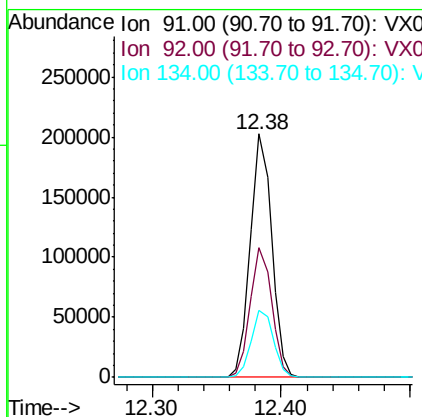
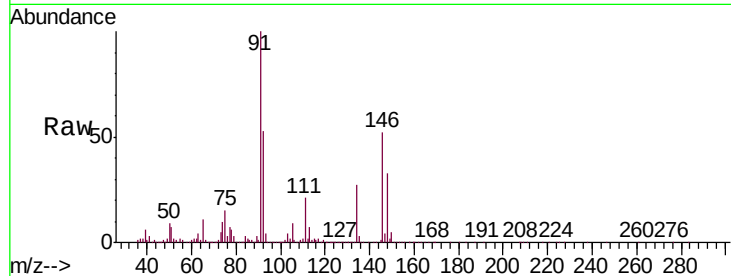




#89
n-Butylbenzene
Concen: 20.500 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX011677.D
Acq: 20 Aug 2019 12:17

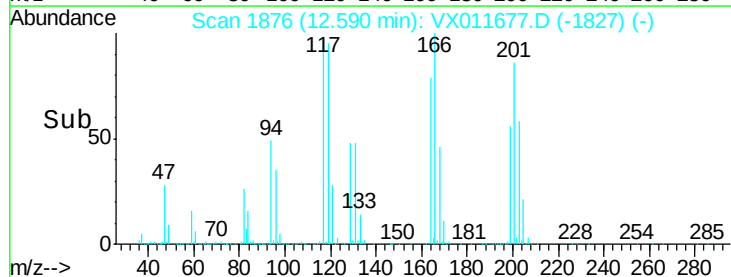
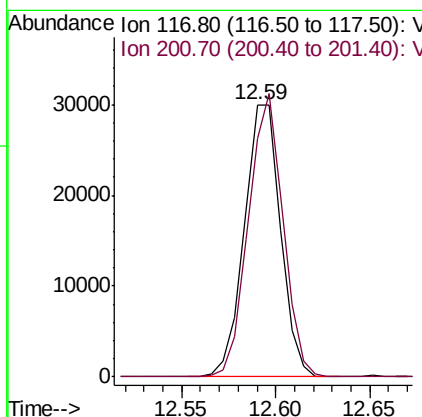
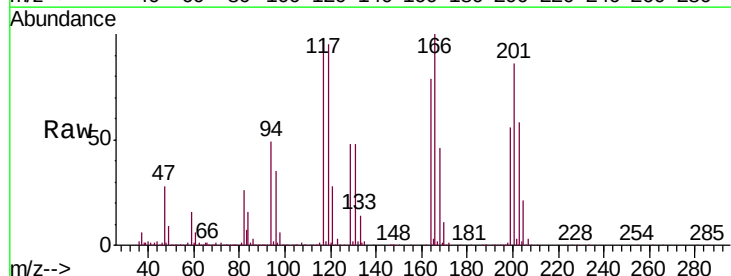
Instrument :
MSVOA_X
ClientSampleId :
VX0820MBS01

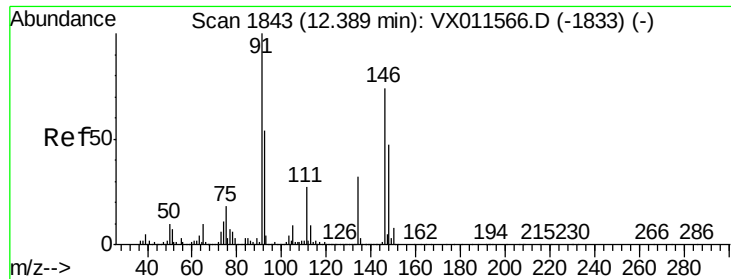
Tgt Ion: 91 Resp: 231084
Ion Ratio Lower Upper
91 100
92 53.9 26.8 80.3
134 28.3 14.6 44.0



#90
Hexachloroethane
Concen: 18.528 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.00 min
Lab File: VX011677.D
Acq: 20 Aug 2019 12:17

Tgt Ion: 117 Resp: 40116
Ion Ratio Lower Upper
117 100
201 98.5 51.9 155.7

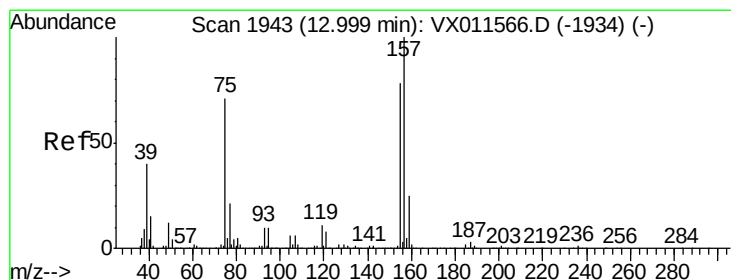
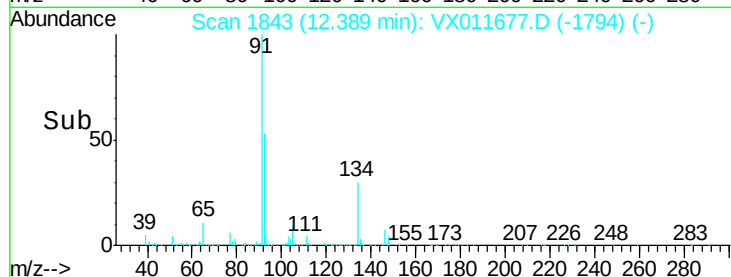
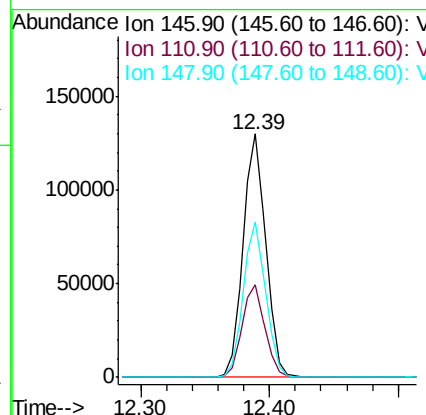
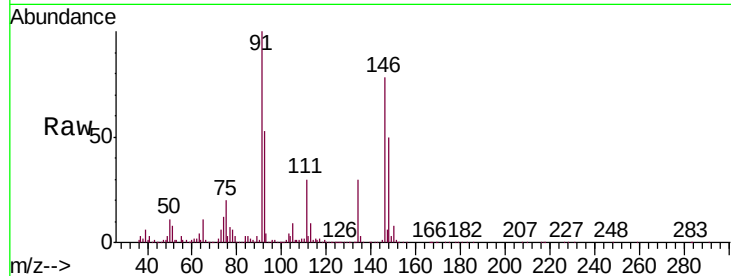




#91
 1,2-Dichlorobenzene
 Concen: 20.449 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX011677.D
 Acq: 20 Aug 2019 12:17

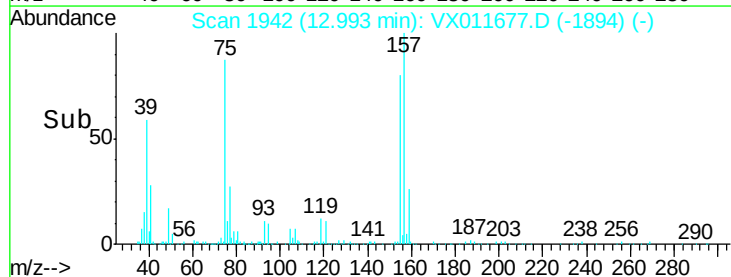
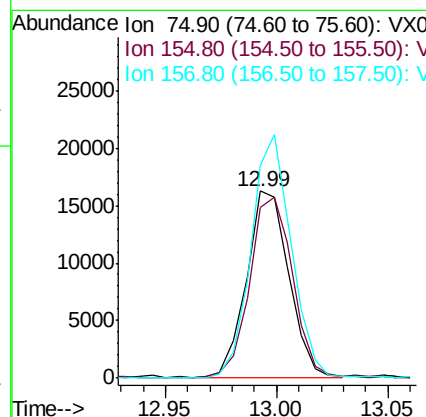
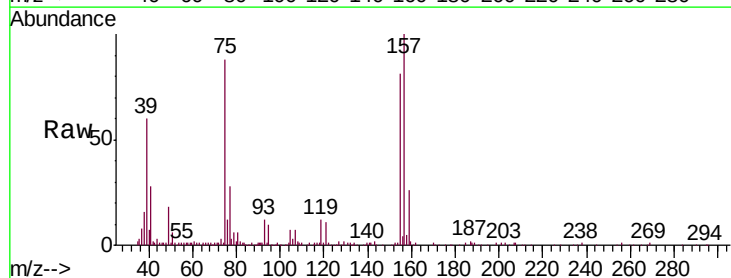
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0820MBS01

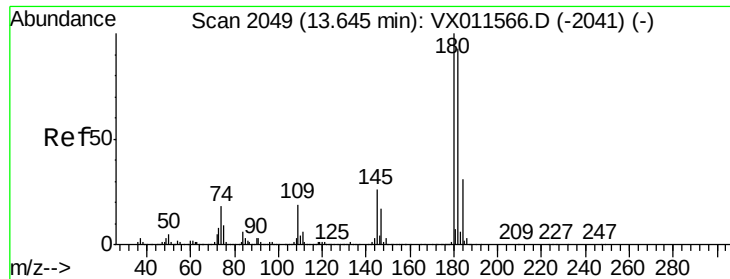
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	18.9	56.7
148	63.3	31.9	95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.060 ug/l
 RT: 12.99 min Scan# 1942
 Delta R.T. -0.01 min
 Lab File: VX011677.D
 Acq: 20 Aug 2019 12:17

Tgt Ion	Ratio	Lower	Upper
75	100		
155	99.9	53.0	159.0
157	124.8	68.3	205.1

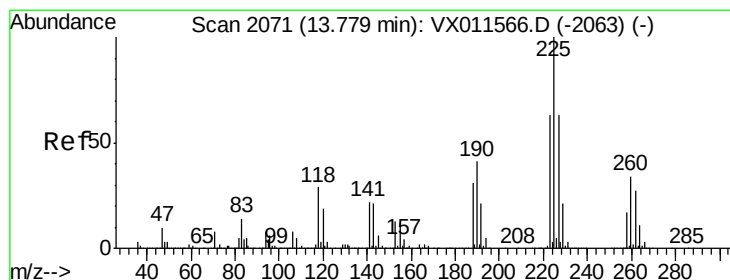
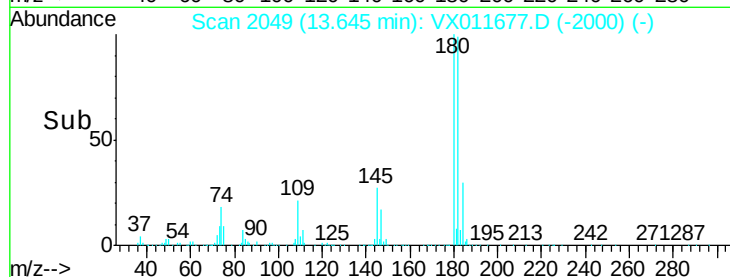
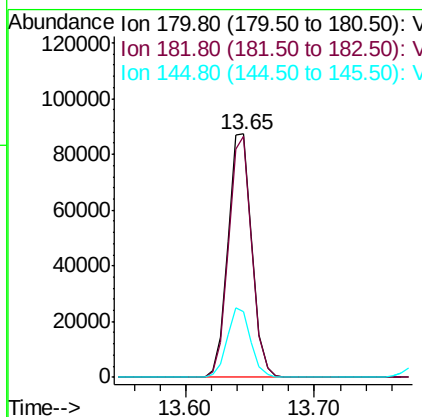
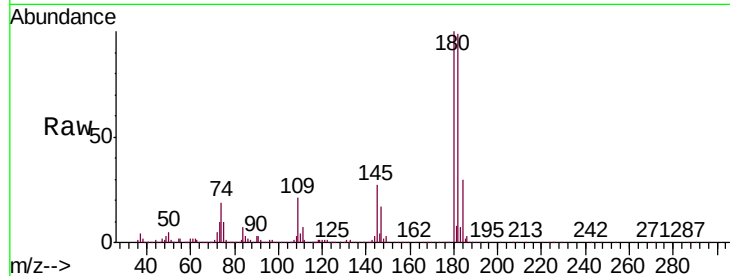




#93
 1,2,4-Trichlorobenzene
 Concen: 19.725 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX011677.D
 Acq: 20 Aug 2019 12:17

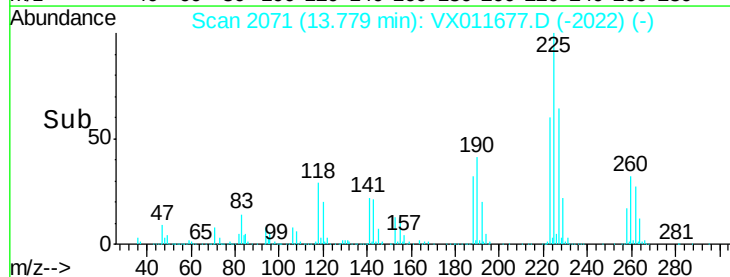
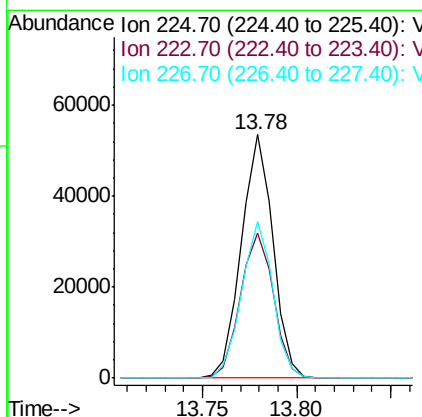
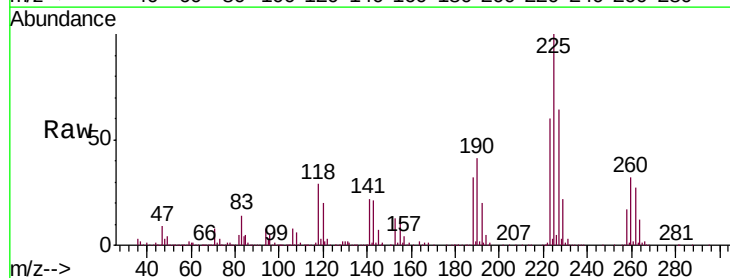
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0820MBS01

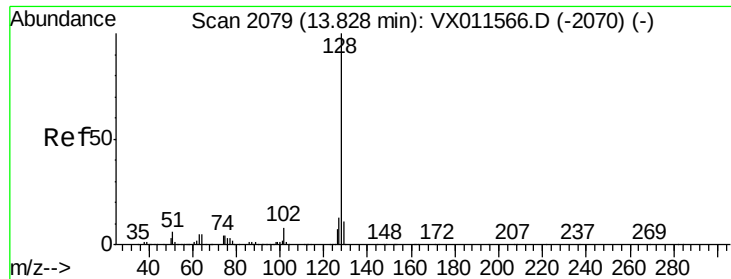
Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	47.3	142.0
145	28.2	13.6	40.8



#94
 Hexachlorobutadiene
 Concen: 19.827 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX011677.D
 Acq: 20 Aug 2019 12:17

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	31.4	94.0
227	63.8	31.2	93.6

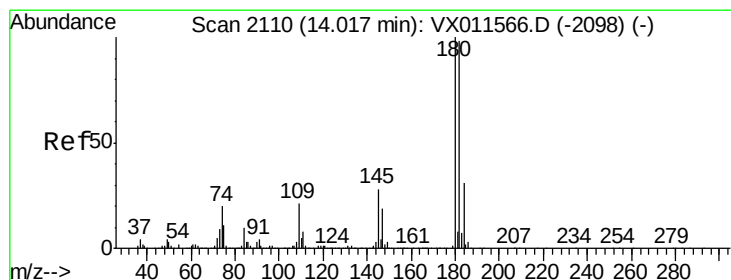
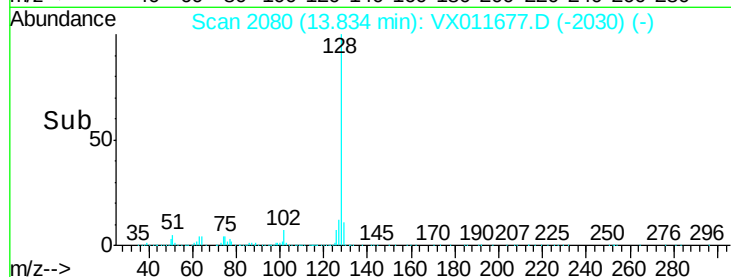
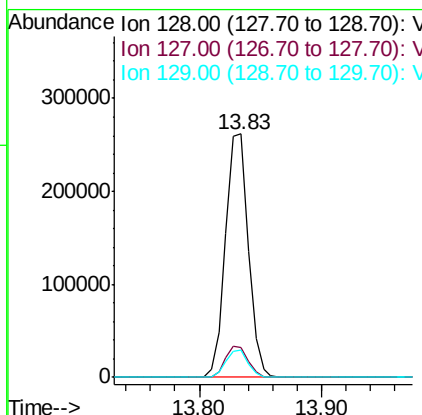
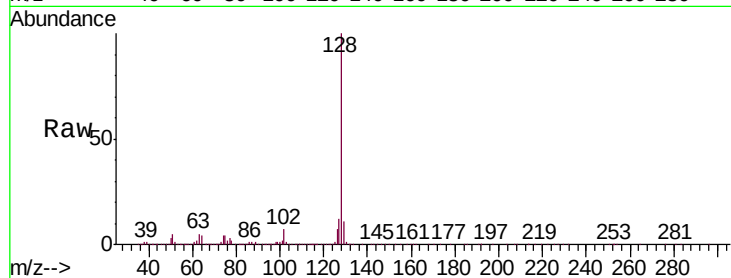




#95
Naphthalene
Concen: 20.723 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.01 min
Lab File: VX011677.D
Acq: 20 Aug 2019 12:17

Instrument :
MSVOA_X
ClientSampleId :
VX0820MBS01

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	11.2	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 20.302 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX011677.D
Acq: 20 Aug 2019 12:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	48.0	144.0
145	30.4	14.6	43.8

