

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX083019\
 Data File : VX011906.D
 Acq On : 30 Aug 2019 13:40
 Operator : SY/SP
 Sample : VX0830SBS01
 Misc : 5.00g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0830SBS01

Quant Time: Aug 31 02:00:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082919S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 01:59:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	354611	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	478627	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	447186	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	265481	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	169992	50.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.06%	
35) Dibromofluoromethane	5.48	113	158171	51.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.08%	
50) Toluene-d8	8.71	98	578306	52.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.42%	
62) 4-Bromofluorobenzene	11.14	95	239301	49.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.44%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.19	85	51108	23.880	ug/l	99
3) Chloromethane	1.31	50	51807	20.881	ug/l	100
4) Vinyl Chloride	1.40	62	50777	21.432	ug/l	99
5) Bromomethane	1.62	94	35246	21.501	ug/l	100
6) Chloroethane	1.70	64	30751	20.855	ug/l	97
7) Trichlorofluoromethane	1.91	101	90991	22.115	ug/l	99
8) Diethyl Ether	2.17	74	28715	20.307	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	59263	22.099	ug/l	99
10) Methyl Iodide	2.50	142	35203	14.816	ug/l	98
11) Tert butyl alcohol	3.04	59	35293	107.974	ug/l	99
12) 1,1-Dichloroethene	2.36	96	52333	21.012	ug/l	95
13) Acrolein	2.28	56	15807	97.162	ug/l	95
14) Allyl chloride	2.71	41	96649	20.687	ug/l	100
15) Acrylonitrile	3.13	53	83630	107.672	ug/l	99
16) Acetone	2.43	43	76257	104.318	ug/l	100
17) Carbon Disulfide	2.55	76	138196	19.345	ug/l	99
18) Methyl Acetate	2.76	43	42991	21.245	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	171806	21.293	ug/l	99
20) Methylene Chloride	2.84	84	69785	19.364	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	61451	20.946	ug/l	94
22) Diisopropyl ether	3.84	45	202010	21.180	ug/l	92
23) Vinyl Acetate	3.80	43	656725	107.096	ug/l	99
24) 1,1-Dichloroethane	3.68	63	109803	20.877	ug/l	99
25) 2-Butanone	4.66	43	114112	107.180	ug/l	99
26) 2,2-Dichloropropane	4.57	77	96048	21.773	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	73497	21.268	ug/l	99
28) Bromochloromethane	5.00	49	47010	19.919	ug/l	100
29) Tetrahydrofuran	5.11	42	71426	107.483	ug/l	99
30) Chloroform	5.20	83	119033	21.166	ug/l	99
31) Cyclohexane	5.56	56	91490	21.566	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	106630	21.345	ug/l	99
36) 1,1-Dichloropropene	5.78	75	83096	21.914	ug/l	99
37) Ethyl Acetate	4.82	43	47717	21.259	ug/l	98
38) Carbon Tetrachloride	5.77	117	98279	22.348	ug/l	98

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Quant Time: Aug 31 02:00:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082919S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 01:59:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	99955	22.131	ug/l	97
40) Benzene	6.13	78	242621	21.436	ug/l	99
41) Methacrylonitrile	5.03	41	29260	22.140	ug/l	99
42) 1,2-Dichloroethane	6.18	62	84095	21.848	ug/l	99
43) Isopropyl Acetate	6.43	43	101787	22.367	ug/l	100
44) Trichloroethene	7.20	130	75930	21.682	ug/l	100
45) 1,2-Dichloropropane	7.50	63	63741	21.529	ug/l	100
46) Dibromomethane	7.65	93	38075	21.669	ug/l	98
47) Bromodichloromethane	7.89	83	94376	21.660	ug/l	99
48) Methyl methacrylate	7.76	41	49067	22.160	ug/l	98
49) 1,4-Dioxane	7.73	88	13791	452.931	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	259668	112.322	ug/l	100
52) Toluene	8.78	92	162920	21.757	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	96969	21.727	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	107317	21.420	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	56764	22.067	ug/l	98
56) Ethyl methacrylate	9.17	69	77814	21.796	ug/l	99
57) 1,3-Dichloropropane	9.37	76	93160	21.820	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	172946	101.709	ug/l	99
59) 2-Hexanone	9.48	43	183189	111.553	ug/l	100
60) Dibromochloromethane	9.57	129	76584	22.167	ug/l	99
61) 1,2-Dibromoethane	9.67	107	55657	21.823	ug/l	98
64) Tetrachloroethene	9.33	164	80019	22.245	ug/l	97
65) Chlorobenzene	10.14	112	190344	21.965	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	78153	22.302	ug/l	98
67) Ethyl Benzene	10.25	91	324997	22.048	ug/l	99
68) m/p-Xylenes	10.35	106	250093	43.939	ug/l	99
69) o-Xylene	10.70	106	121575	21.919	ug/l	99
70) Styrene	10.71	104	215930	22.087	ug/l	99
71) Bromoform	10.85	173	55315	22.323	ug/l #	100
73) Isopropylbenzene	11.01	105	333621	21.871	ug/l	100
74) N-amyl acetate	10.89	43	98758	21.816	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	11.26	83	68698	22.006	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	74408	28.492	ug/l	84
77) Bromobenzene	11.25	156	96585	21.832	ug/l	98
78) n-propylbenzene	11.35	91	379249	21.925	ug/l	100
79) 2-Chlorotoluene	11.42	91	225820	21.689	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	287663	21.848	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	22601	21.741	ug/l	99
82) 4-Chlorotoluene	11.51	91	272078	21.661	ug/l	100
83) tert-Butylbenzene	11.76	119	296592	22.200	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	291137	21.576	ug/l	100
85) sec-Butylbenzene	11.94	105	338665	21.824	ug/l	99
86) p-Isopropyltoluene	12.06	119	327435	21.761	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	178934	21.763	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	180985	21.774	ug/l	99
89) n-Butylbenzene	12.38	91	287659	21.608	ug/l	99
90) Hexachloroethane	12.59	117	63316	21.750	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	166140	21.734	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	13533	21.762	ug/l	97

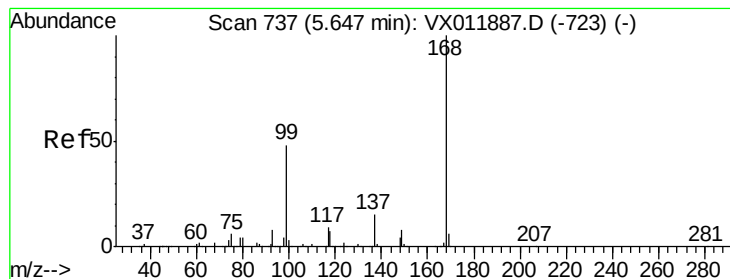
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX083019\
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Instrument :
MSVOA_X
ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Fri Aug 30 01:59:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	140083	21.763	ug/l	100
94) Hexachlorobutadiene	13.77	225	92241	21.459	ug/l	98
95) Naphthalene	13.83	128	239409	21.672	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	124565	21.401	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX011906.D

Acq: 30 Aug 2019 13:40

Instrument :

MSVOA_X

ClientSampleId :

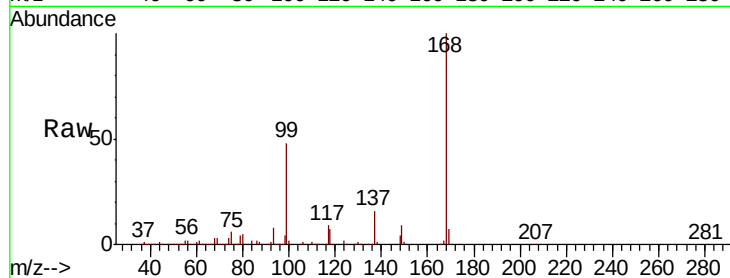
VX0830SBS01

Tgt Ion:168 Resp: 354611

Ion Ratio Lower Upper

168 100

99 47.7 38.4 57.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

150000

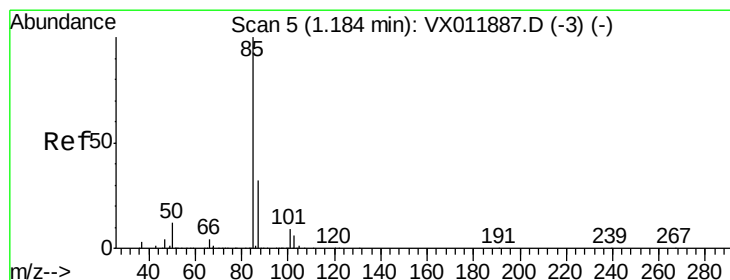
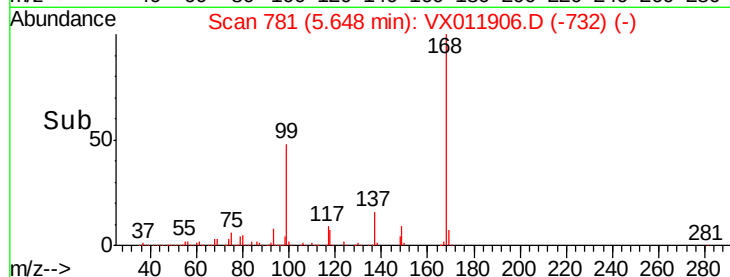
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50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 23.880 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX011906.D

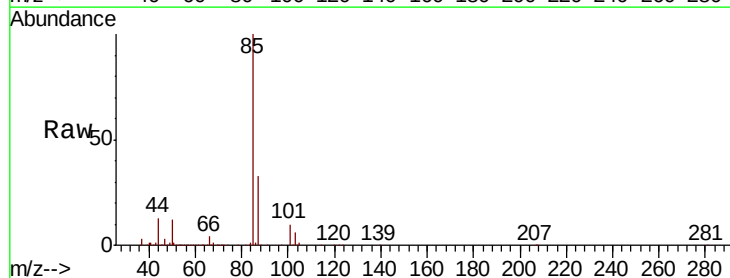
Acq: 30 Aug 2019 13:40

Tgt Ion: 85 Resp: 51108

Ion Ratio Lower Upper

85 100

87 32.9 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

50000

40000

30000

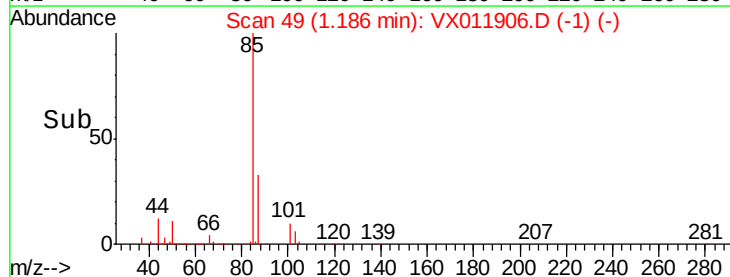
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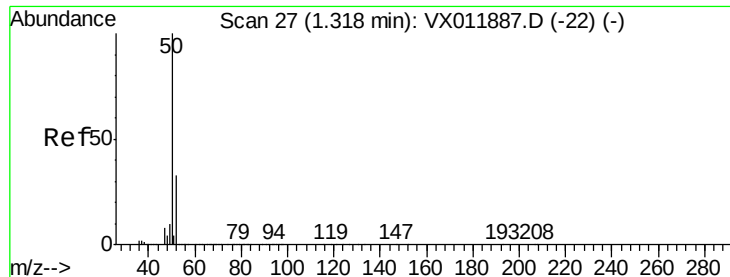
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Time-->

1.10 1.20 1.30

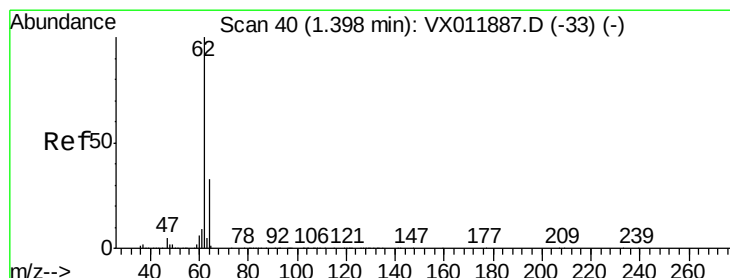
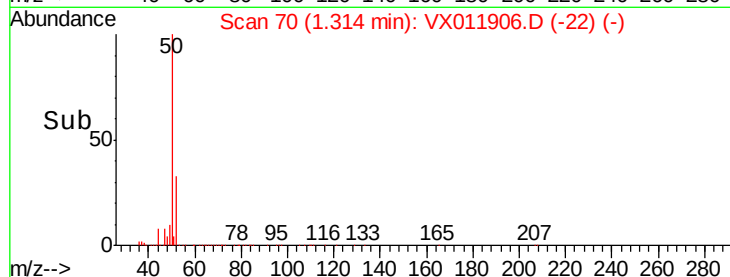
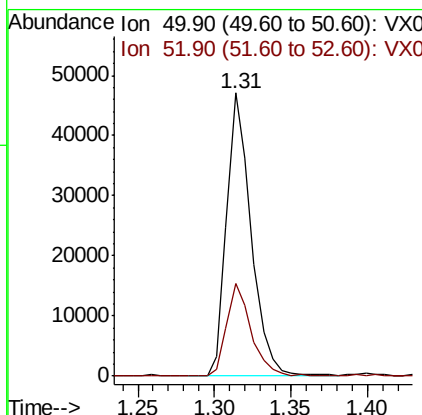
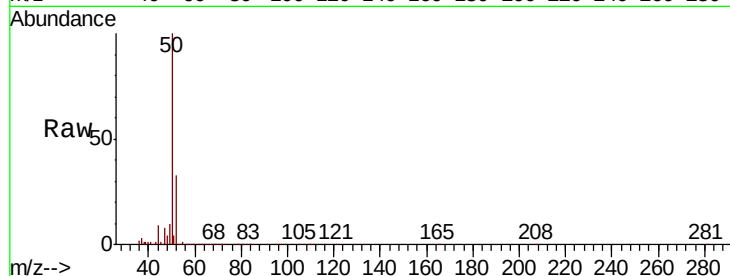




#3
 Chloromethane
 Concen: 20.881 ug/l
 RT: 1.31 min Scan# 70
 Delta R.T. -0.00 min
 Lab File: VX011906.D
 Acq: 30 Aug 2019 13:40

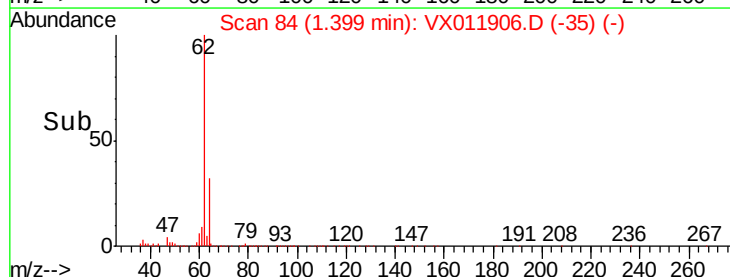
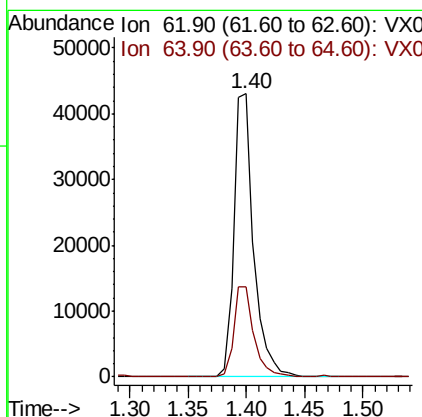
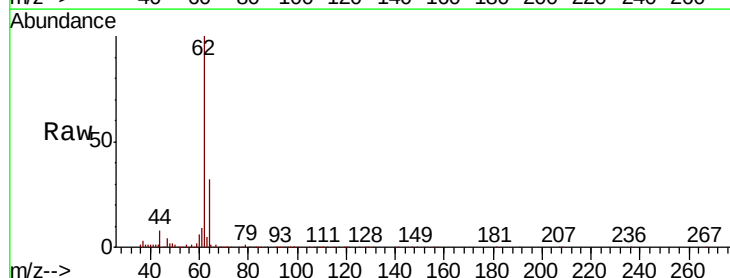
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0830SBS01

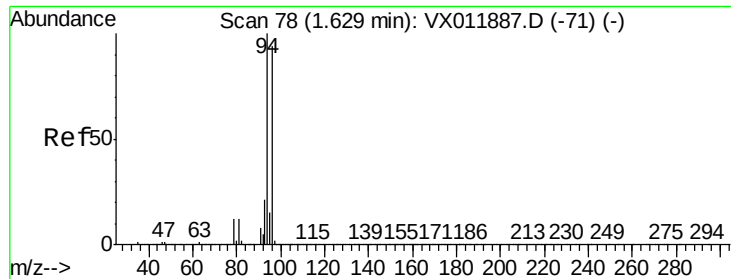
Tgt Ion: 50 Resp: 51807
 Ion Ratio Lower Upper
 50 100
 52 32.7 26.0 39.0



#4
 Vinyl Chloride
 Concen: 21.432 ug/l
 RT: 1.40 min Scan# 84
 Delta R.T. 0.00 min
 Lab File: VX011906.D
 Acq: 30 Aug 2019 13:40

Tgt Ion: 62 Resp: 50777
 Ion Ratio Lower Upper
 62 100
 64 31.9 26.0 39.0

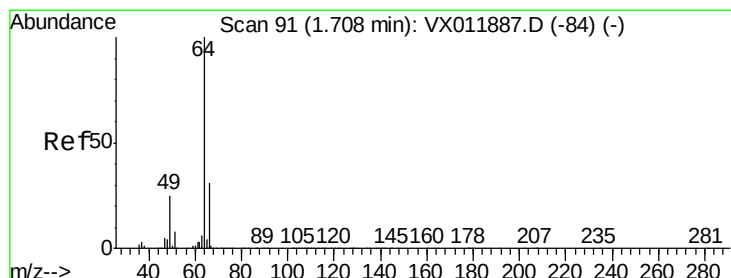
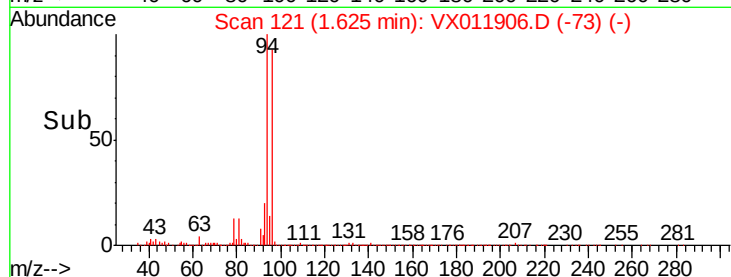
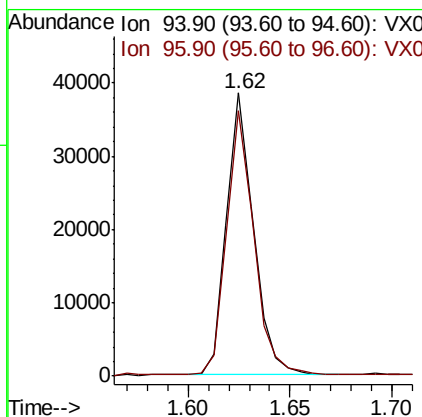
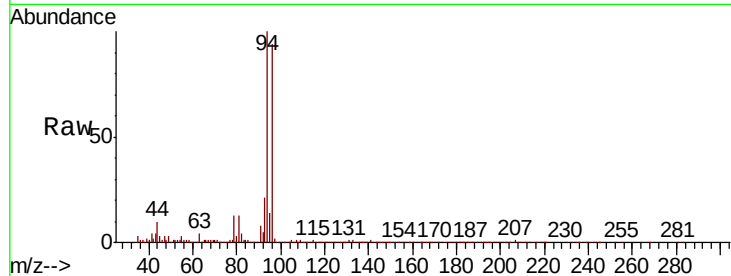




#5
Bromomethane
Concen: 21.501 ug/l
RT: 1.62 min Scan# 121
Delta R.T. -0.00 min
Lab File: VX011906.D
Acq: 30 Aug 2019 13:40

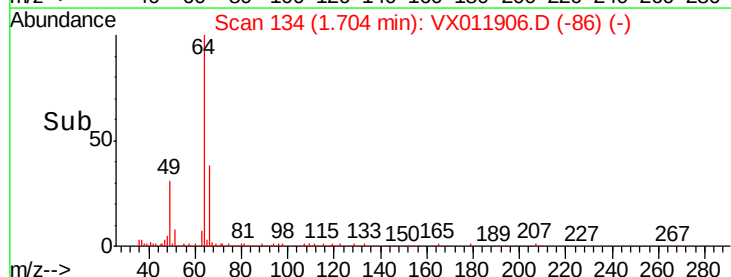
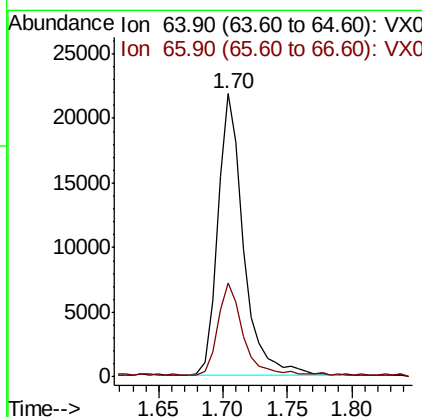
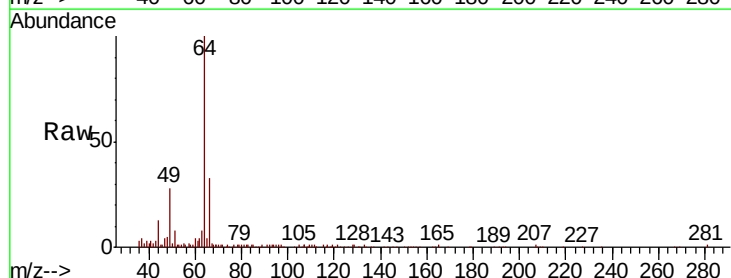
Instrument :
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ClientSampleId :
VX0830SBS01

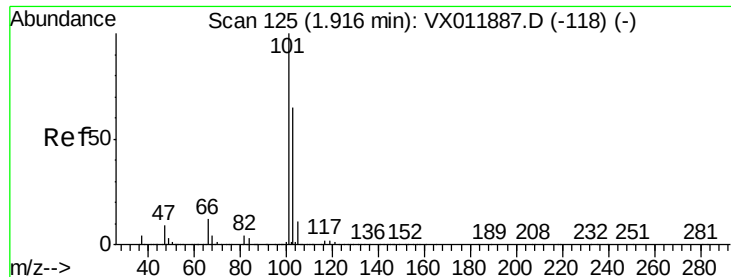
Tgt Ion: 94 Resp: 35246
Ion Ratio Lower Upper
94 100
96 93.5 75.0 112.6



#6
Chloroethane
Concen: 20.855 ug/l
RT: 1.70 min Scan# 134
Delta R.T. -0.00 min
Lab File: VX011906.D
Acq: 30 Aug 2019 13:40

Tgt Ion: 64 Resp: 30751
Ion Ratio Lower Upper
64 100
66 32.8 25.0 37.4



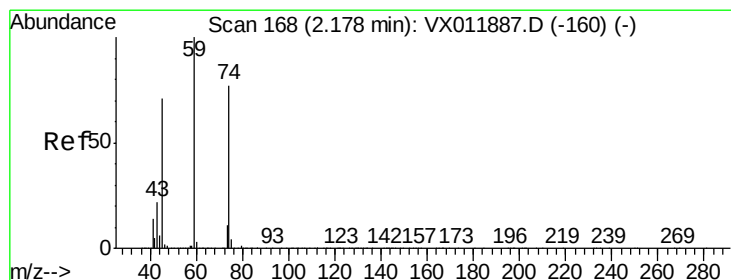
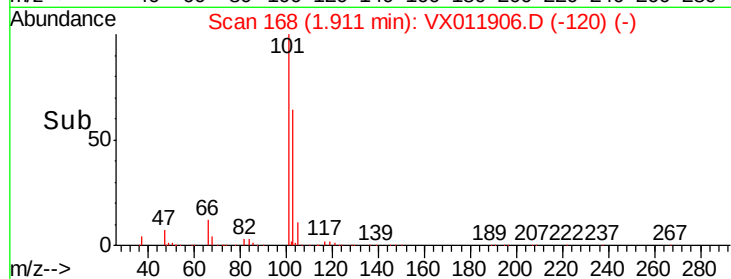
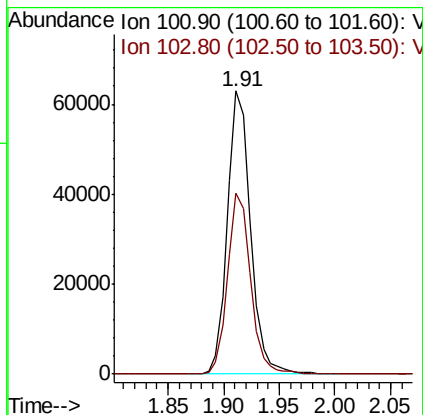
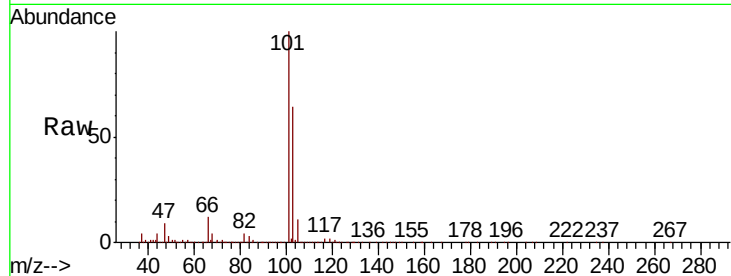


#7

Trichlorofluoromethane
Concen: 22.115 ug/l
RT: 1.91 min Scan# 168
Delta R.T. -0.00 min
Lab File: VX011906.D
Acq: 30 Aug 2019 13:40

Instrument :
MSVOA_X
ClientSampleId :
VX0830SBS01

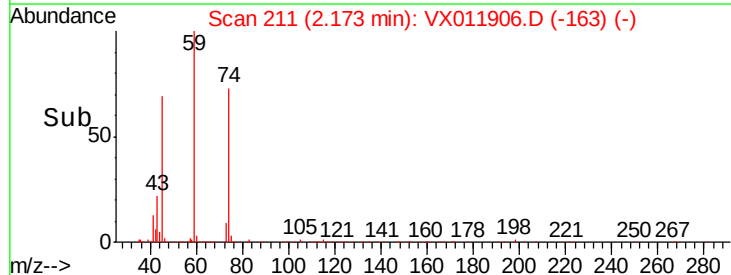
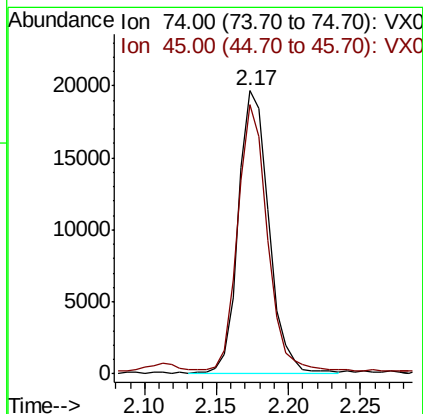
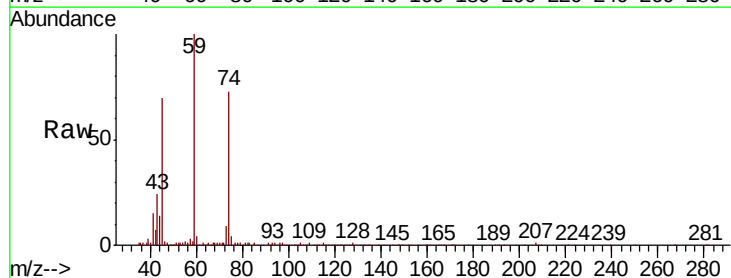
Tgt Ion:101 Resp: 90991
Ion Ratio Lower Upper
101 100
103 63.6 51.6 77.4

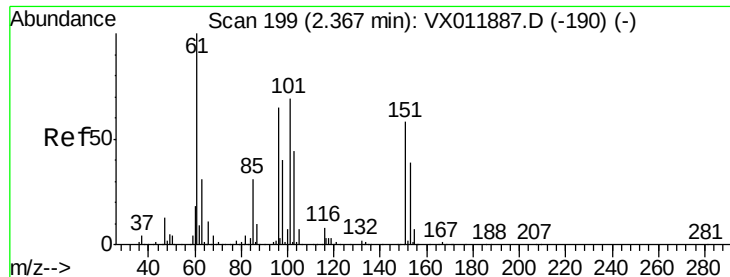


#8

Diethyl Ether
Concen: 20.307 ug/l
RT: 2.17 min Scan# 211
Delta R.T. -0.00 min
Lab File: VX011906.D
Acq: 30 Aug 2019 13:40

Tgt Ion: 74 Resp: 28715
Ion Ratio Lower Upper
74 100
45 91.6 46.7 140.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.099 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX011906.D

Acq: 30 Aug 2019 13:40

Instrument :

MSVOA_X

ClientSampleId :

VX0830SBS01

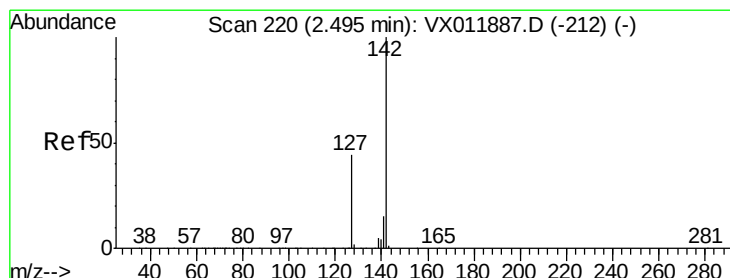
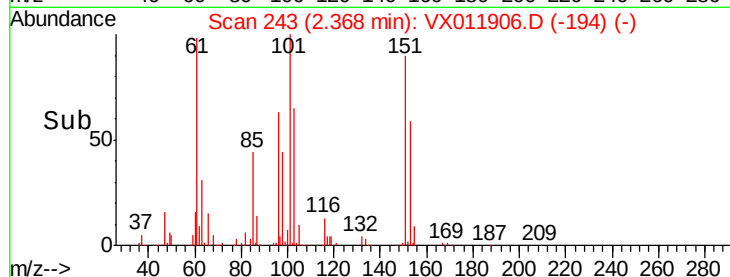
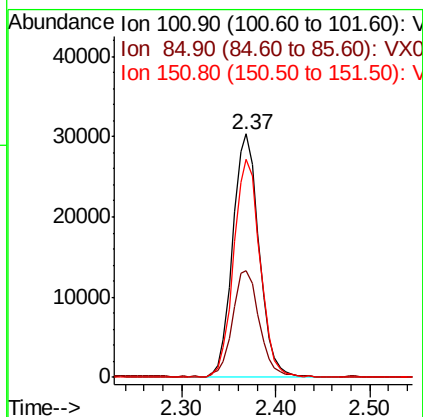
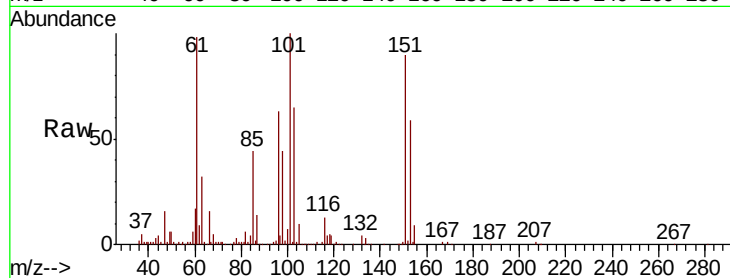
Tgt Ion:101 Resp: 59263

Ion Ratio Lower Upper

101 100

85 43.8 34.9 52.3

151 89.5 70.9 106.3



#10

Methyl Iodide

Concen: 14.816 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX011906.D

Acq: 30 Aug 2019 13:40

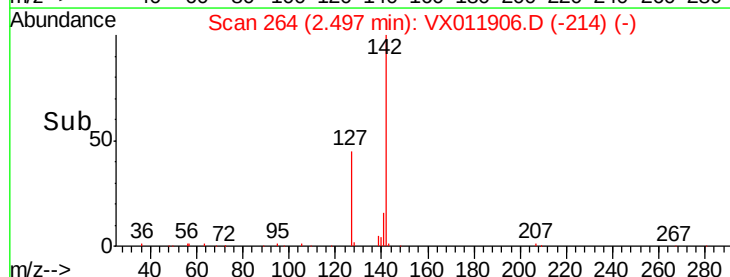
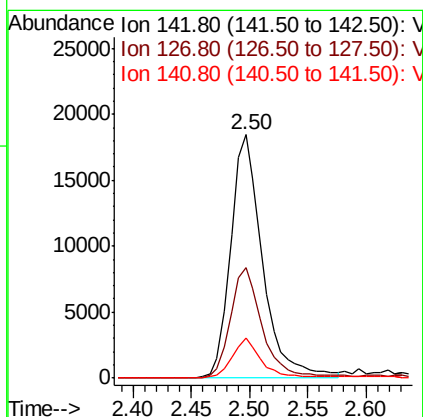
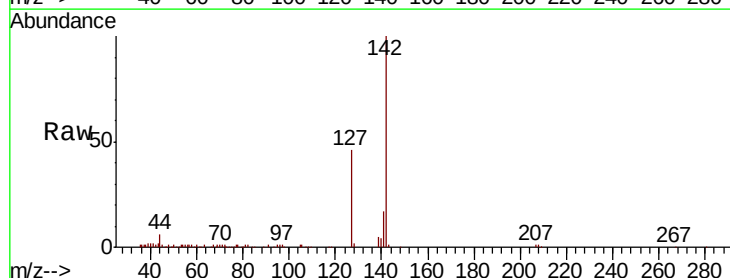
Tgt Ion:142 Resp: 35203

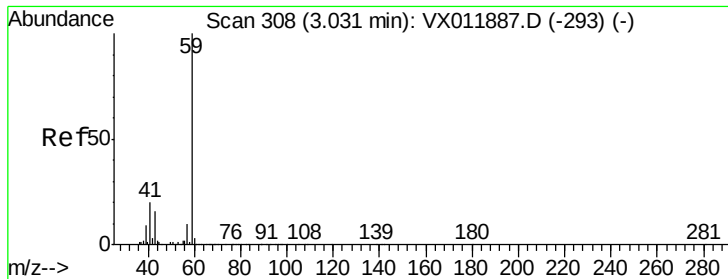
Ion Ratio Lower Upper

142 100

127 46.2 35.7 53.5

141 15.7 11.8 17.6

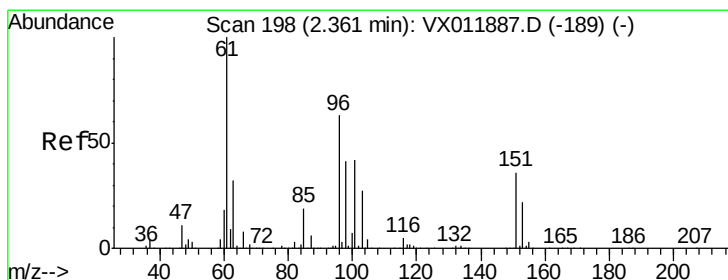
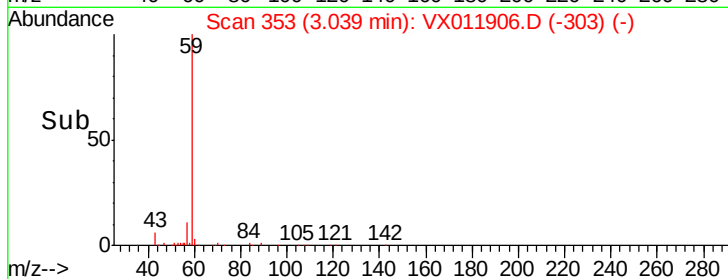
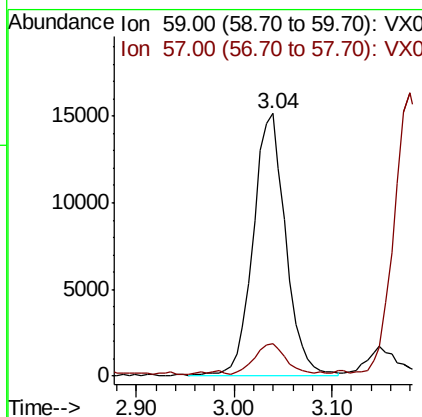
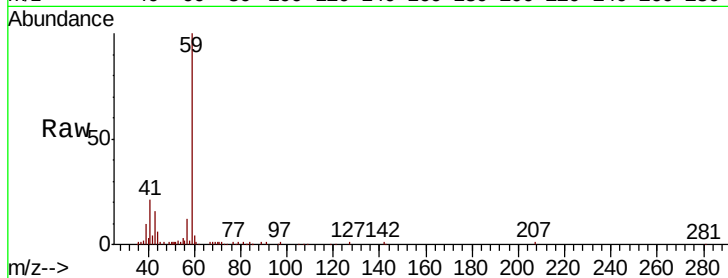




#11
Tert butyl alcohol
Concen: 107.974 ug/l
RT: 3.04 min Scan# 353
Delta R.T. 0.01 min
Lab File: VX011906.D
Acq: 30 Aug 2019 13:40

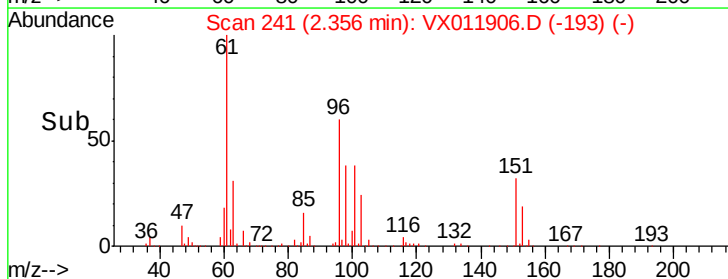
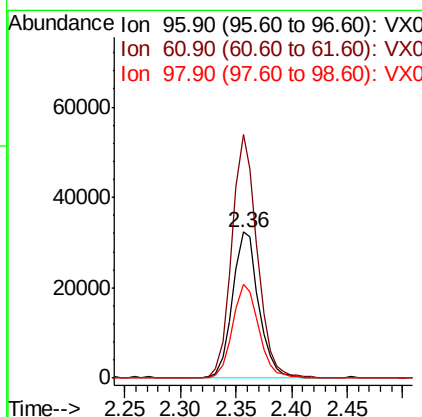
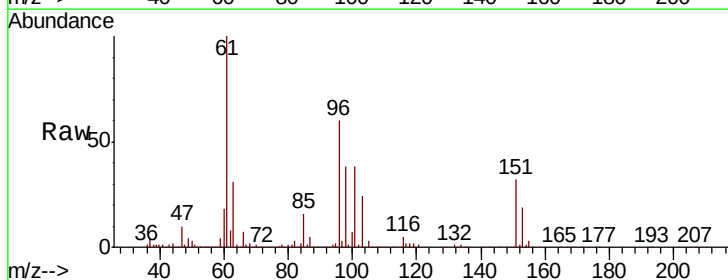
Instrument :
MSVOA_X
ClientSampleId :
VX0830SBS01

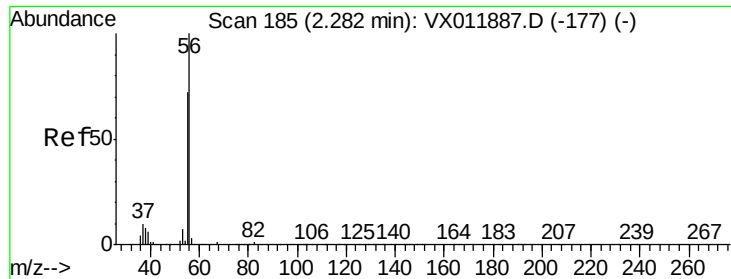
Tgt Ion: 59 Resp: 35293
Ion Ratio Lower Upper
59 100
57 11.2 8.6 12.8



#12
1,1-Dichloroethene
Concen: 21.012 ug/l
RT: 2.36 min Scan# 241
Delta R.T. -0.00 min
Lab File: VX011906.D
Acq: 30 Aug 2019 13:40

Tgt Ion: 96 Resp: 52333
Ion Ratio Lower Upper
96 100
61 167.3 126.6 190.0
98 64.0 51.6 77.4





#13

Acrolein

Concen: 97.162 ug/l

RT: 2.28 min Scan# 228

Delta R.T. -0.00 min

Lab File: VX011906.D

Acq: 30 Aug 2019 13:40

Instrument :

MSVOA_X

ClientSampleId :

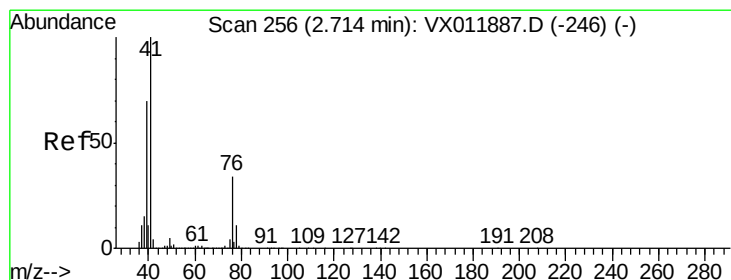
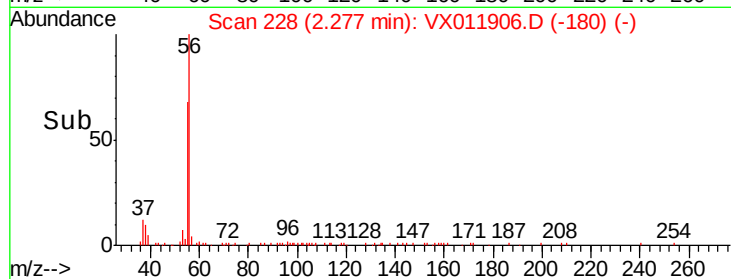
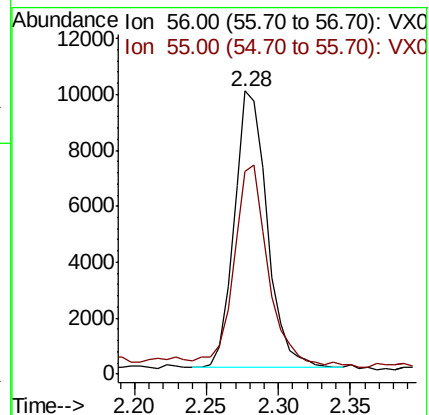
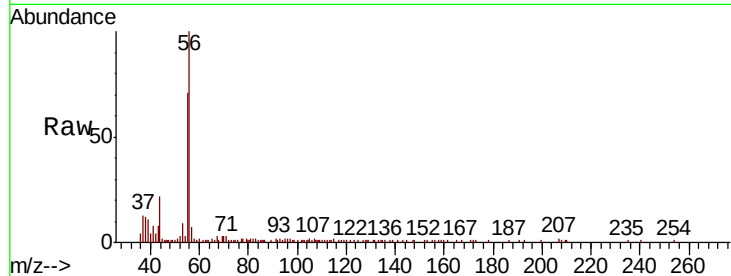
VX0830SBS01

Tgt Ion: 56 Resp: 15807

Ion Ratio Lower Upper

56 100

55 77.7 58.6 88.0



#14

Allyl chloride

Concen: 20.687 ug/l

RT: 2.71 min Scan# 299

Delta R.T. -0.00 min

Lab File: VX011906.D

Acq: 30 Aug 2019 13:40

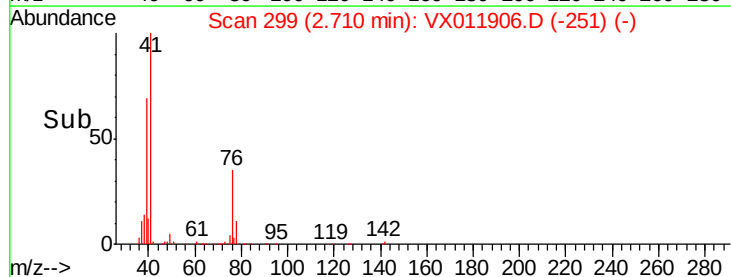
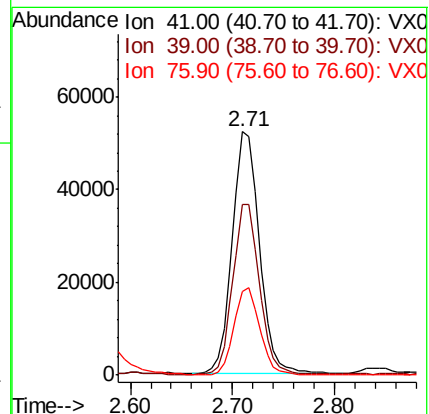
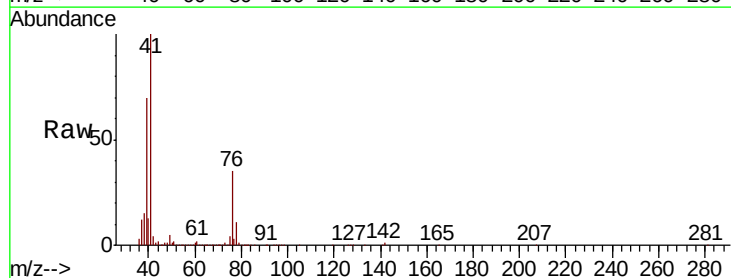
Tgt Ion: 41 Resp: 96649

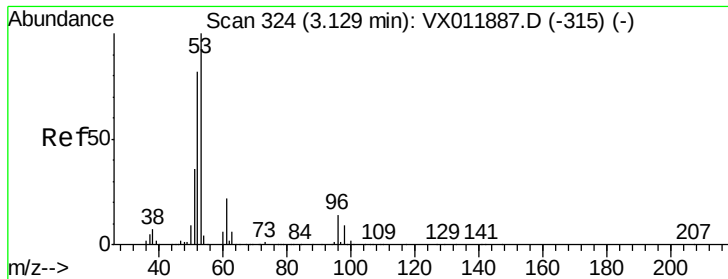
Ion Ratio Lower Upper

41 100

39 68.8 55.0 82.6

76 34.4 27.0 40.4





#15

Acrylonitrile

Concen: 107.672 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX011906.D

Acq: 30 Aug 2019 13:40

Instrument :

MSVOA_X

ClientSampleId :

VX0830SBS01

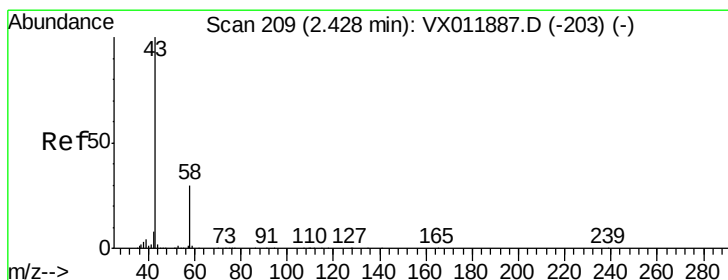
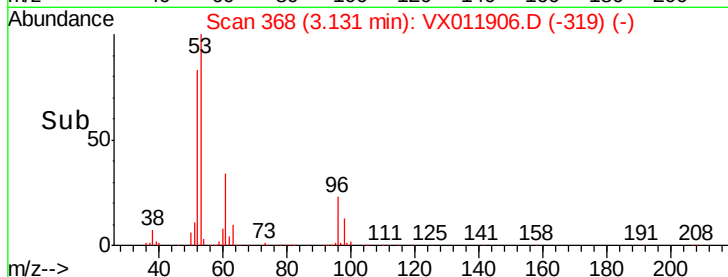
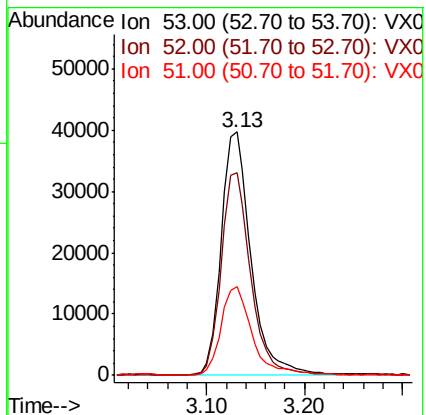
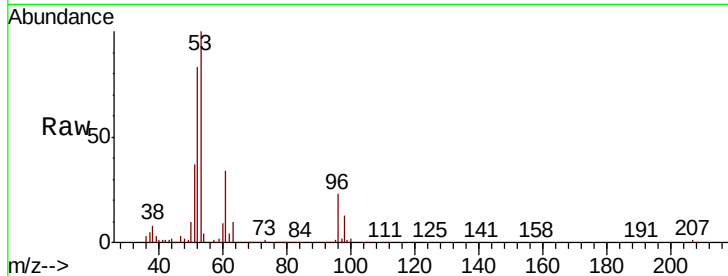
Tgt Ion: 53 Resp: 83630

Ion Ratio Lower Upper

53 100

52 82.6 65.3 97.9

51 37.7 29.4 44.2



#16

Acetone

Concen: 104.318 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX011906.D

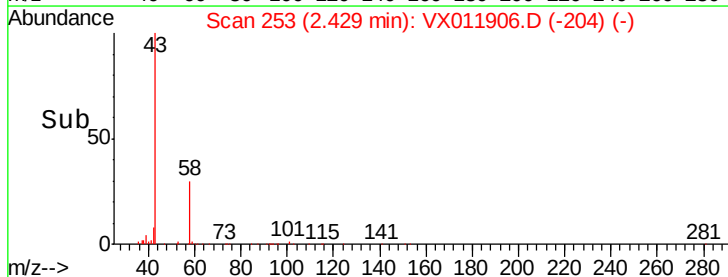
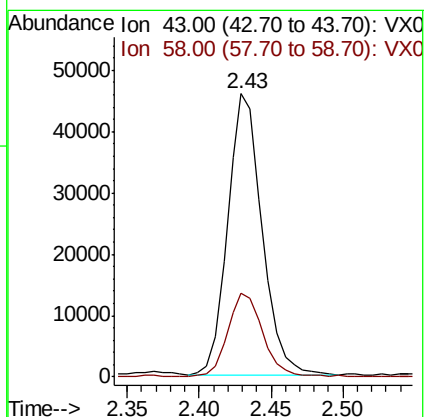
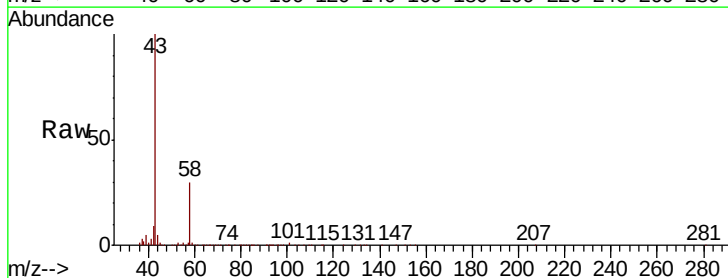
Acq: 30 Aug 2019 13:40

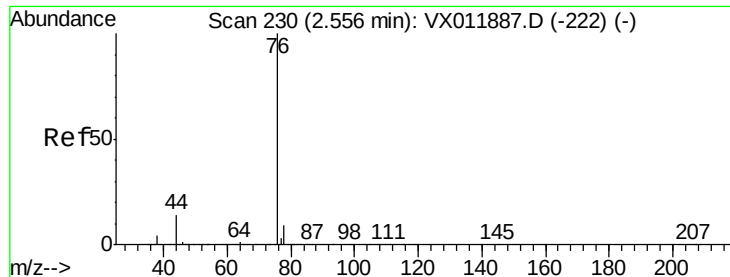
Tgt Ion: 43 Resp: 76257

Ion Ratio Lower Upper

43 100

58 29.5 23.8 35.8

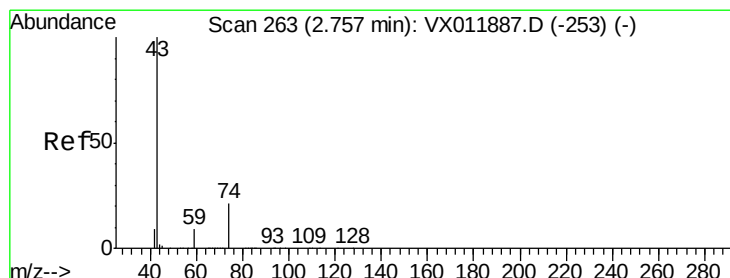
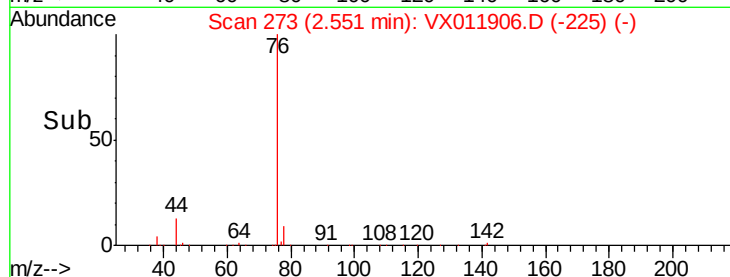
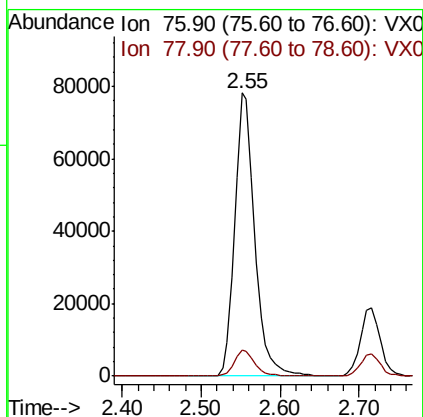
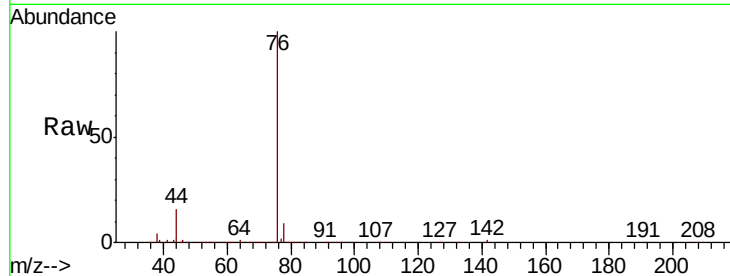




#17
Carbon Disulfide
Concen: 19.345 ug/l
RT: 2.55 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX011906.D
Acq: 30 Aug 2019 13:40

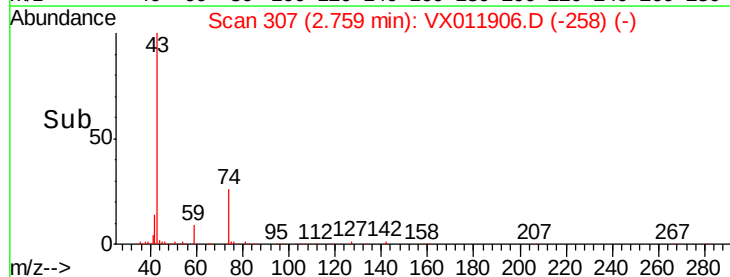
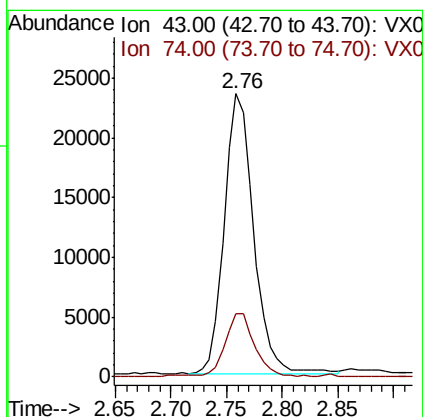
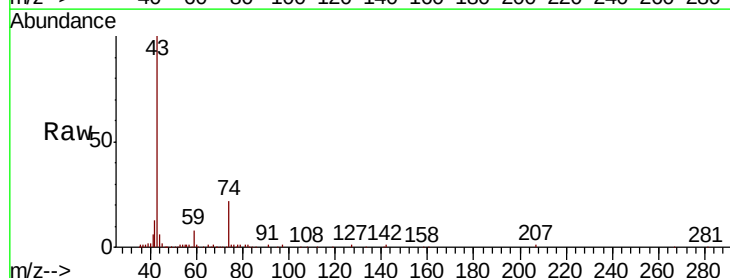
Instrument :
MSVOA_X
ClientSampleId :
VX0830SBS01

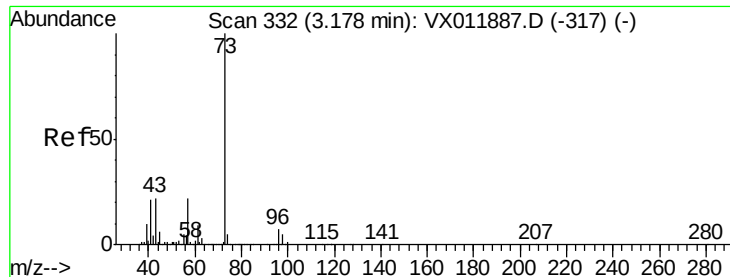
Tgt Ion: 76 Resp: 138196
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9



#18
Methyl Acetate
Concen: 21.245 ug/l
RT: 2.76 min Scan# 307
Delta R.T. 0.00 min
Lab File: VX011906.D
Acq: 30 Aug 2019 13:40

Tgt Ion: 43 Resp: 42991
Ion Ratio Lower Upper
43 100
74 23.3 18.4 27.6



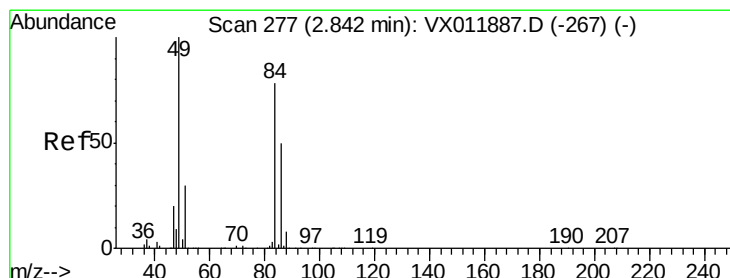
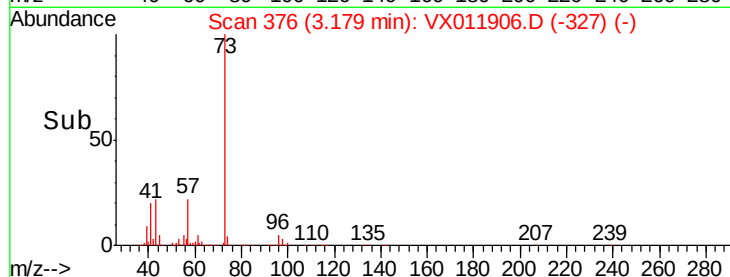
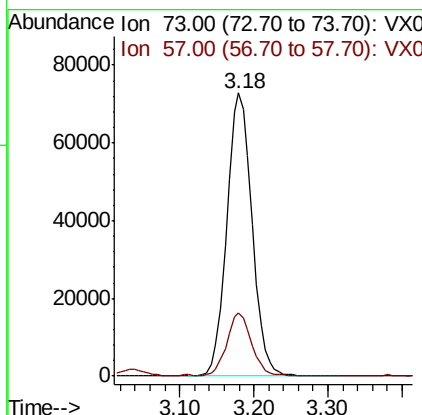
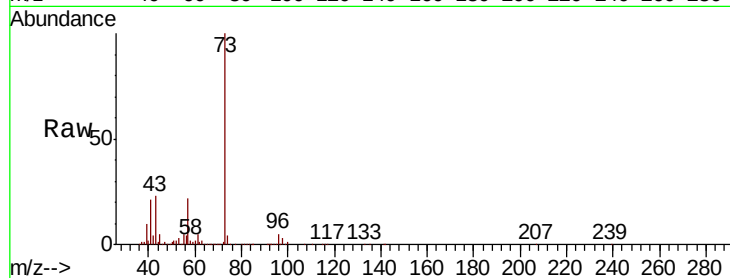


#19

Methyl tert-butyl Ether
 Concen: 21.293 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. 0.00 min
 Lab File: VX011906.D
 Acq: 30 Aug 2019 13:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0830SBS01

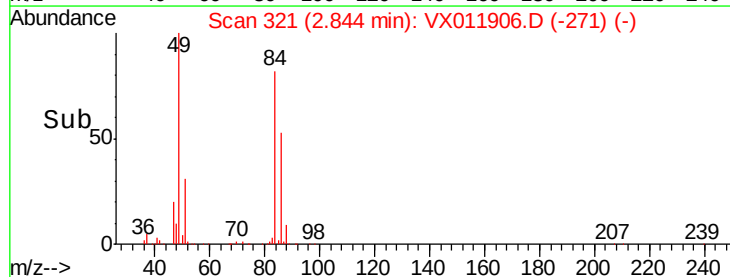
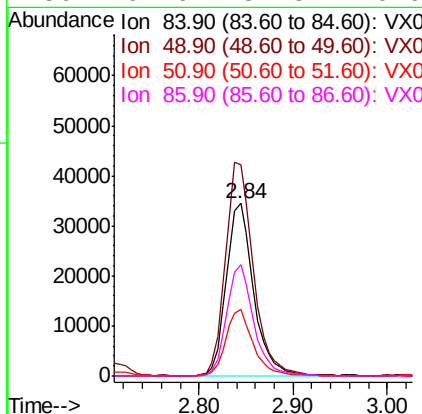
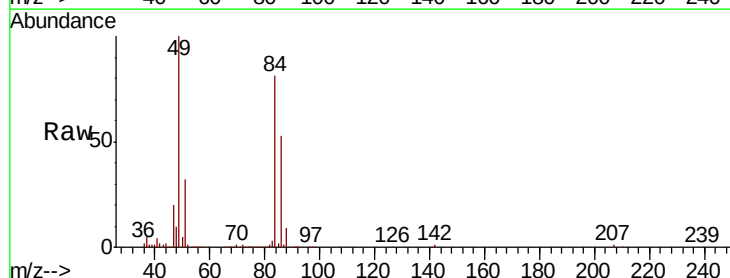
Tgt Ion: 73 Resp: 171806
 Ion Ratio Lower Upper
 73 100
 57 22.1 17.4 26.0

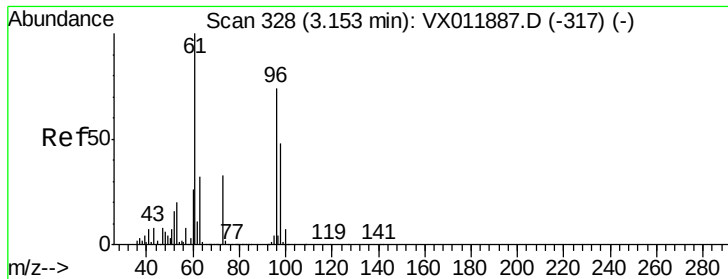


#20

Methylene Chloride
 Concen: 19.364 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. 0.00 min
 Lab File: VX011906.D
 Acq: 30 Aug 2019 13:40

Tgt Ion: 84 Resp: 69785
 Ion Ratio Lower Upper
 84 100
 49 122.5 103.0 154.4
 51 38.5 30.8 46.2
 86 64.6 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 20.946 ug/l

RT: 3.15 min Scan# 371

Delta R.T. -0.00 min

Lab File: VX011906.D

Acq: 30 Aug 2019 13:40

Instrument :

MSVOA_X

ClientSampleId :

VX0830SBS01

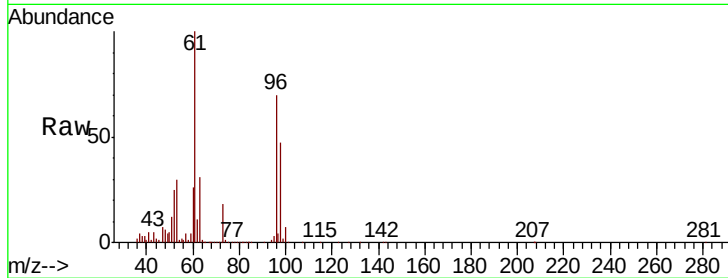
Tgt Ion: 96 Resp: 61451

Ion Ratio Lower Upper

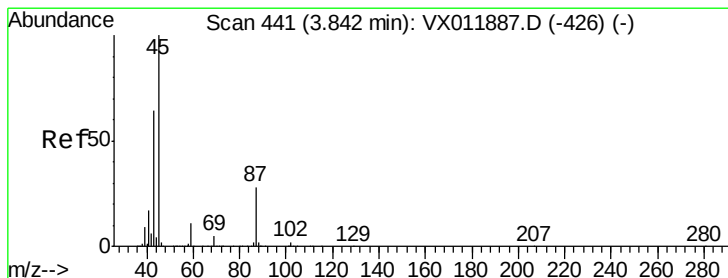
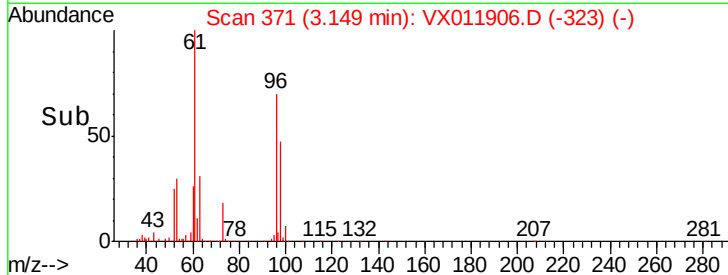
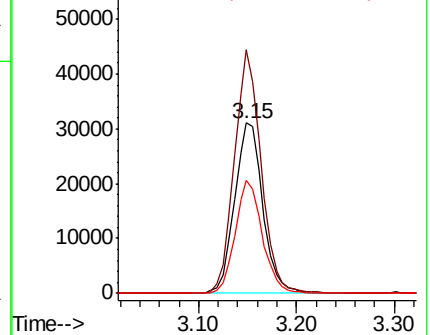
96 100

61 143.1 107.4 161.2

98 66.8 51.4 77.2



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



#22

Diisopropyl ether

Concen: 21.180 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.00 min

Lab File: VX011906.D

Acq: 30 Aug 2019 13:40

Tgt Ion: 45 Resp: 202010

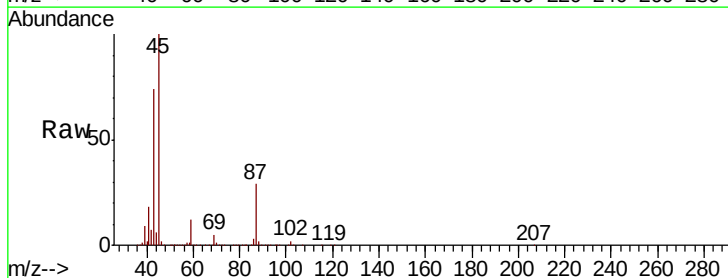
Ion Ratio Lower Upper

45 100

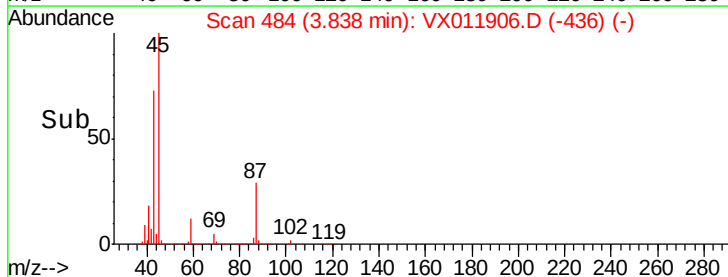
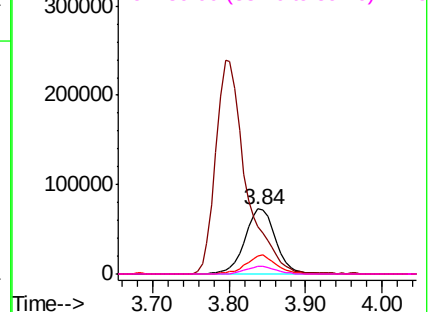
43 72.9 51.0 76.6

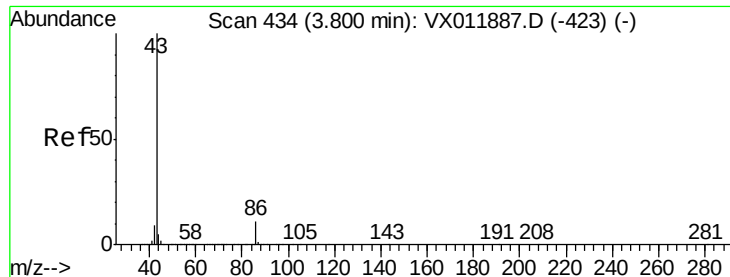
87 28.5 22.0 33.0

59 11.9 9.1 13.7



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 107.096 ug/l

RT: 3.80 min Scan# 477

Delta R.T. -0.00 min

Lab File: VX011906.D

Acq: 30 Aug 2019 13:40

Instrument :

MSVOA_X

ClientSampleId :

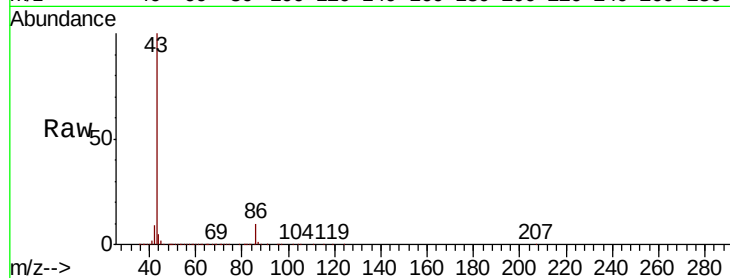
VX0830SBS01

Tgt Ion: 43 Resp: 656725

Ion Ratio Lower Upper

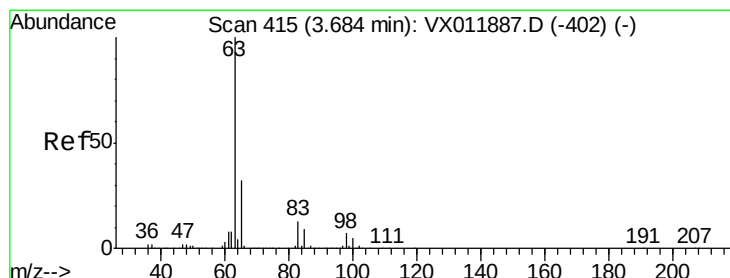
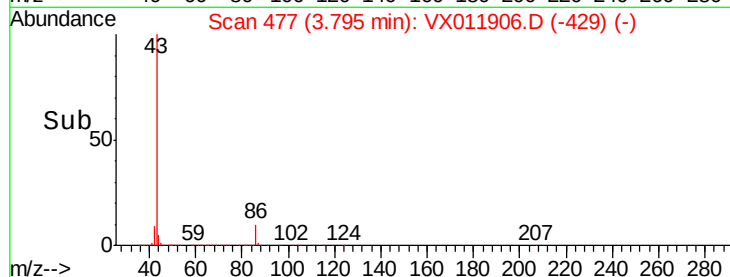
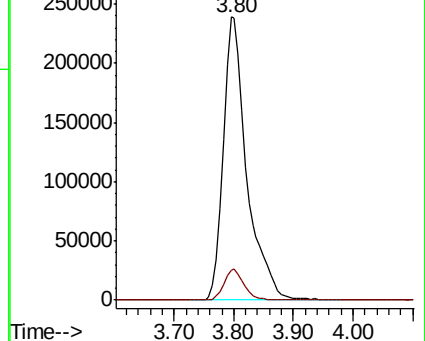
43 100

86 10.4 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 20.877 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.00 min

Lab File: VX011906.D

Acq: 30 Aug 2019 13:40

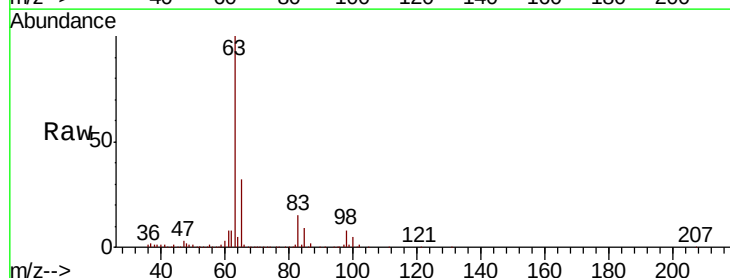
Tgt Ion: 63 Resp: 109803

Ion Ratio Lower Upper

63 100

98 8.0 3.8 11.2

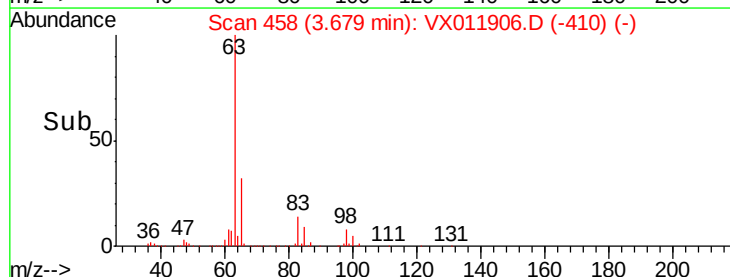
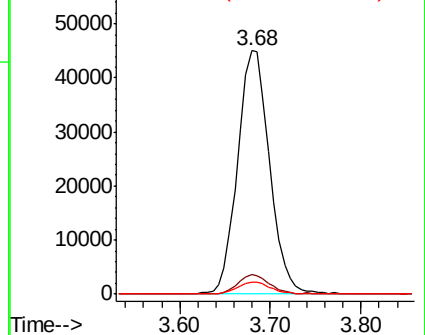
100 4.8 2.4 7.2

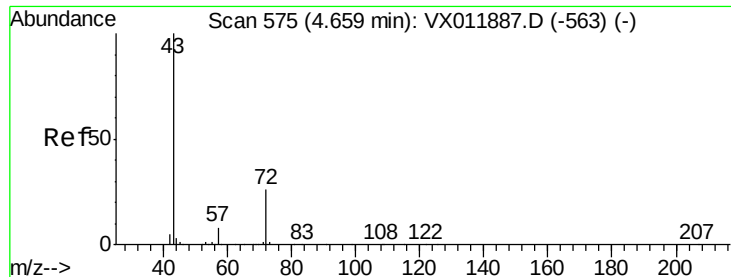


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 107.180 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX011906.D

Acq: 30 Aug 2019 13:40

Instrument :

MSVOA_X

ClientSampleId :

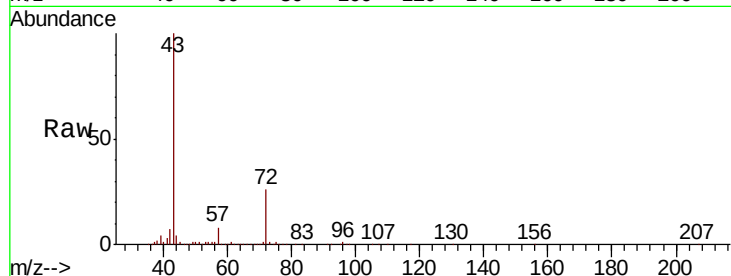
VX0830SBS01

Tgt Ion: 43 Resp: 114112

Ion Ratio Lower Upper

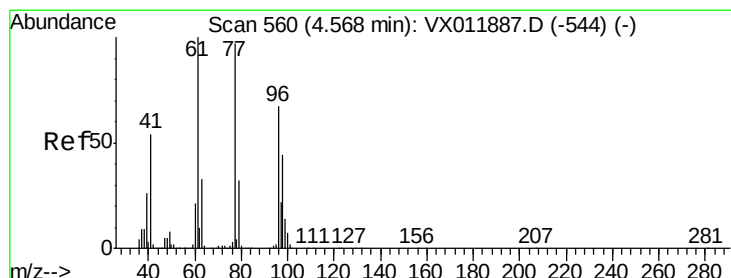
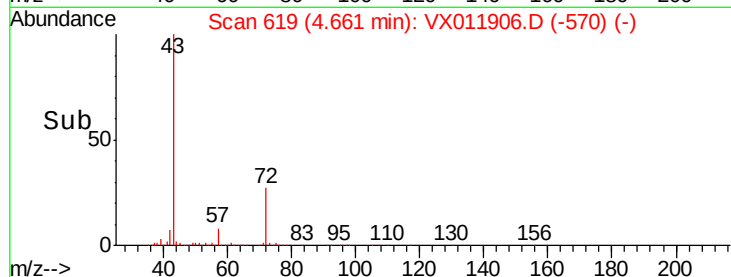
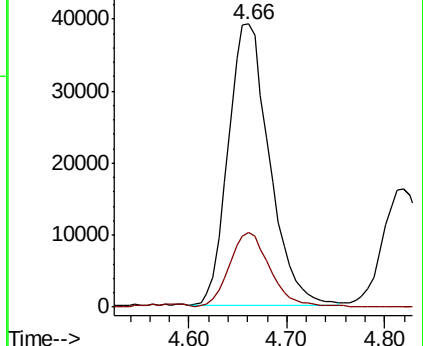
43 100

72 25.9 21.0 31.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 21.773 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX011906.D

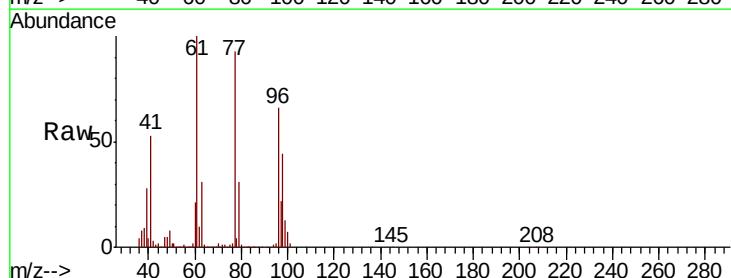
Acq: 30 Aug 2019 13:40

Tgt Ion: 77 Resp: 96048

Ion Ratio Lower Upper

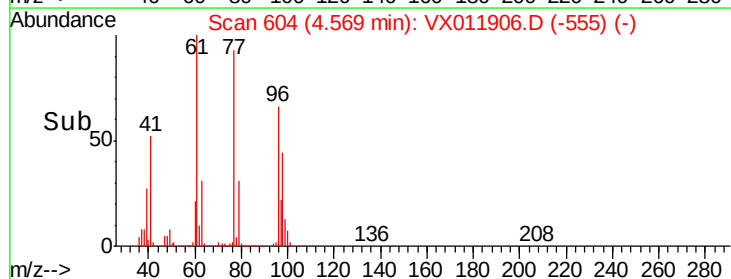
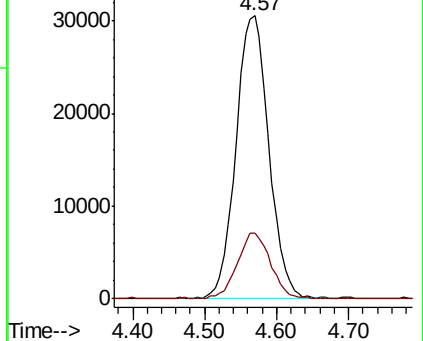
77 100

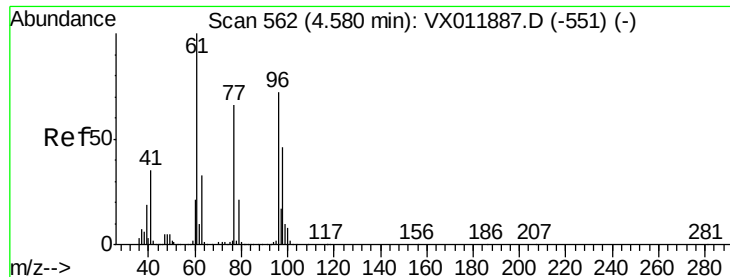
97 23.8 11.7 35.1



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



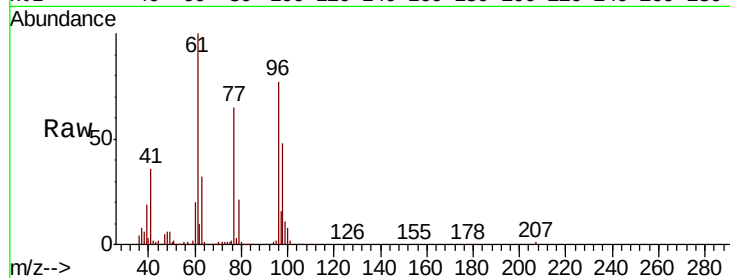


#27

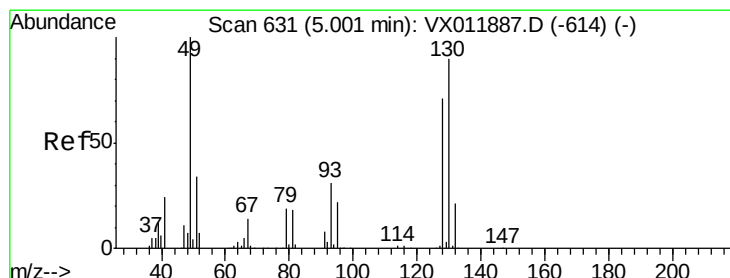
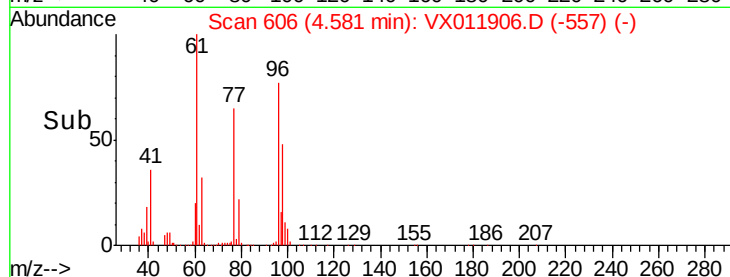
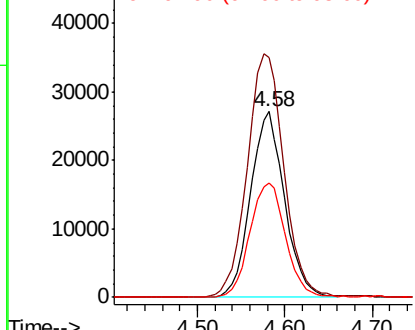
cis-1,2-Dichloroethene
 Concen: 21.268 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: VX011906.D
 Acq: 30 Aug 2019 13:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0830SBS01

Tgt Ion: 96 Resp: 73497
 Ion Ratio Lower Upper
 96 100
 61 141.6 0.0 283.8
 98 64.7 0.0 131.2



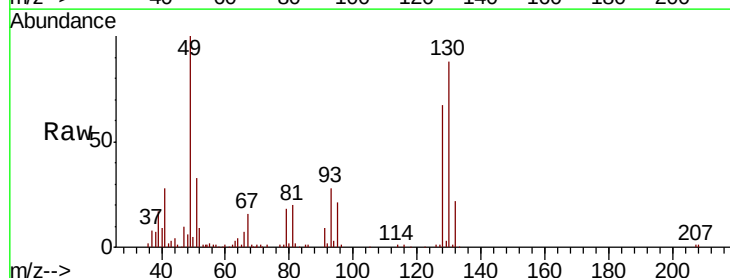
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



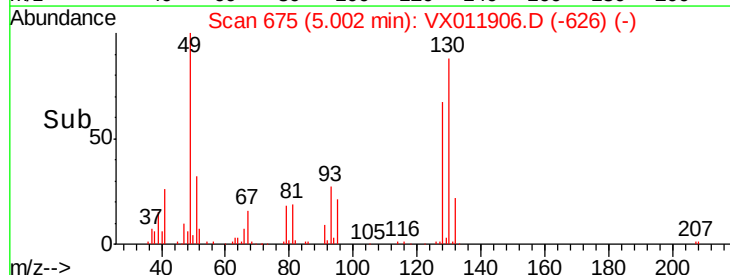
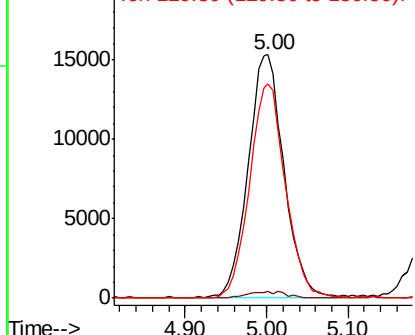
#28

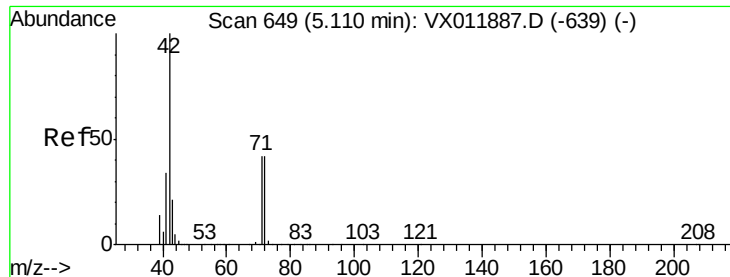
Bromochloromethane
 Concen: 19.919 ug/l
 RT: 5.00 min Scan# 675
 Delta R.T. 0.00 min
 Lab File: VX011906.D
 Acq: 30 Aug 2019 13:40

Tgt Ion: 49 Resp: 47010
 Ion Ratio Lower Upper
 49 100
 129 2.8 0.0 4.8
 130 87.9 70.6 105.8



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

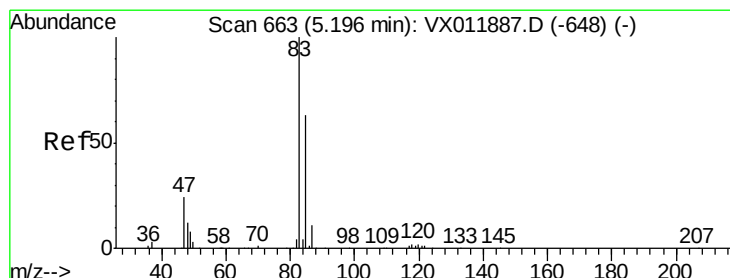
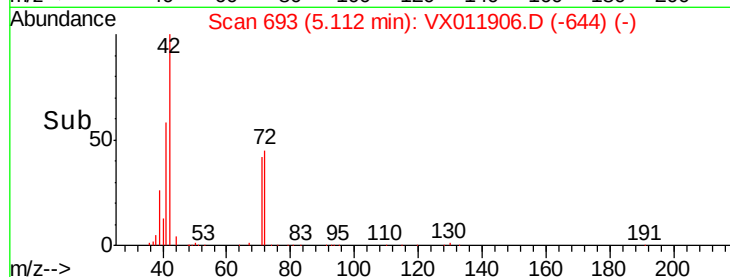
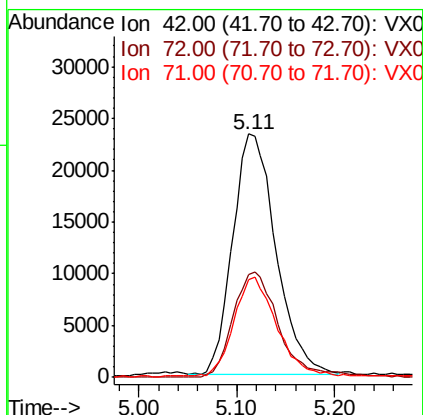
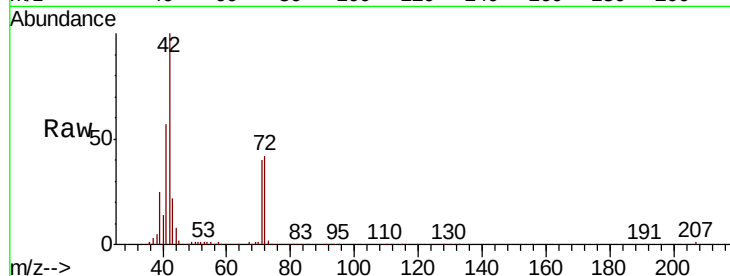




#29
Tetrahydrofuran
Concen: 107.483 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX011906.D
Acq: 30 Aug 2019 13:40

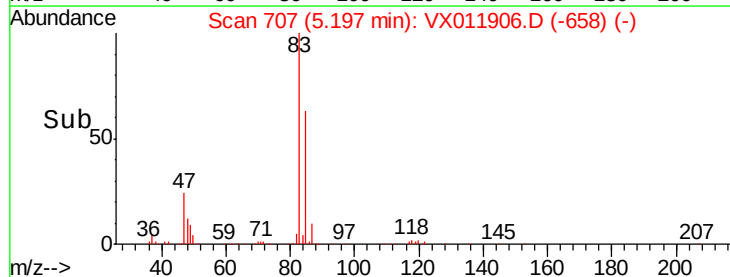
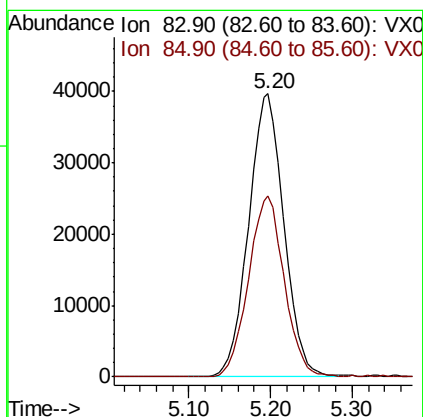
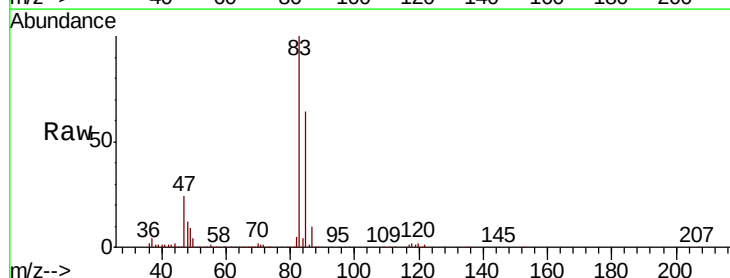
Instrument :
MSVOA_X
ClientSampleId :
VX0830SBS01

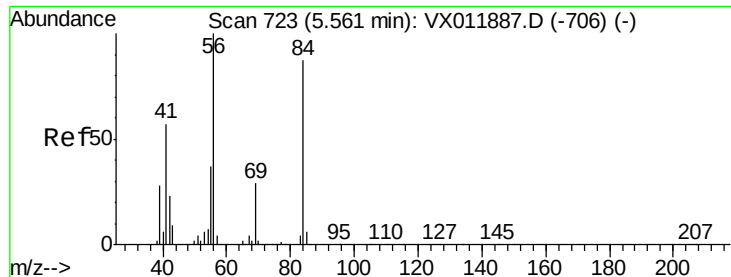
Tgt Ion: 42 Resp: 71426
Ion Ratio Lower Upper
42 100
72 46.7 36.2 54.4
71 41.6 33.1 49.7



#30
Chloroform
Concen: 21.166 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX011906.D
Acq: 30 Aug 2019 13:40

Tgt Ion: 83 Resp: 119033
Ion Ratio Lower Upper
83 100
85 63.9 50.6 75.8

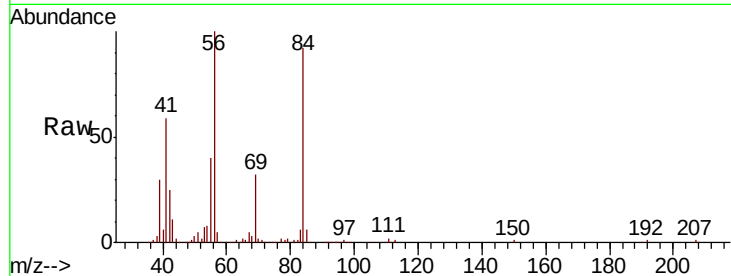




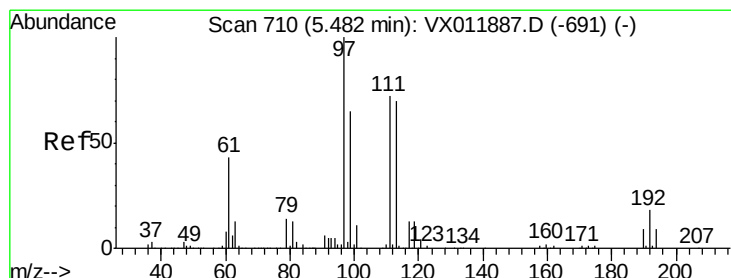
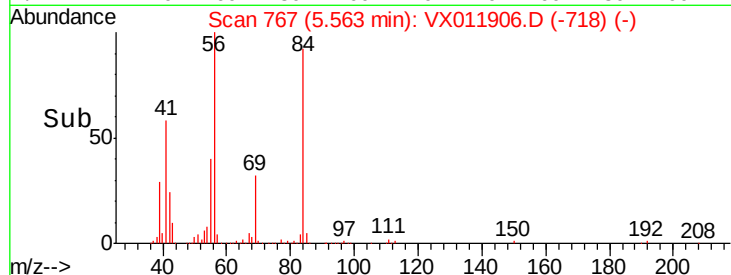
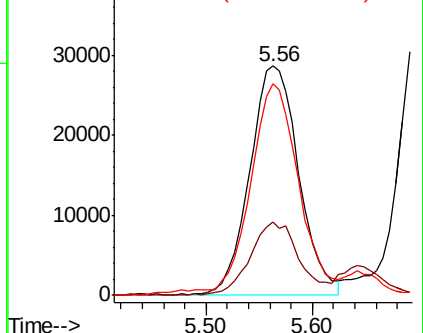
#31
Cyclohexane
Concen: 21.566 ug/l
RT: 5.56 min Scan# 767
Delta R.T. 0.00 min
Lab File: VX011906.D
Acq: 30 Aug 2019 13:40

Instrument :
MSVOA_X
ClientSampleId :
VX0830SBS01

Tgt Ion: 56 Resp: 91490
Ion Ratio Lower Upper
56 100
69 32.0 23.1 34.7
84 90.4 69.6 104.4

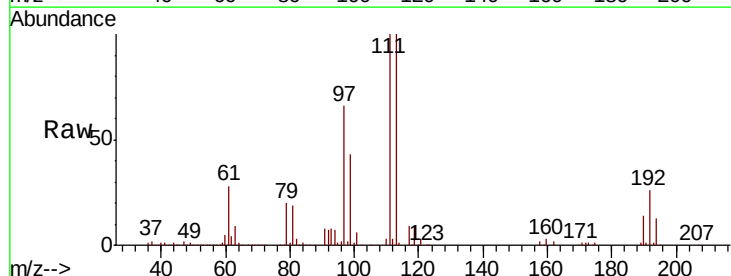


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

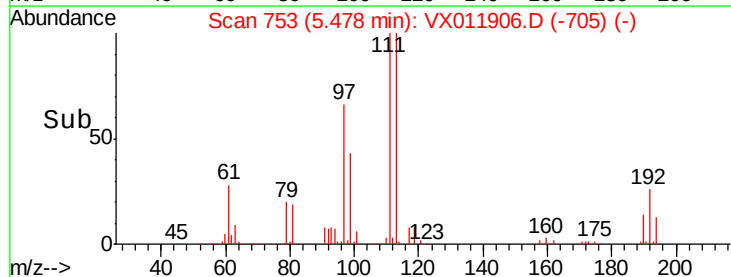
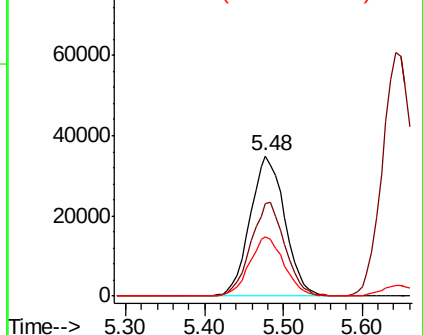


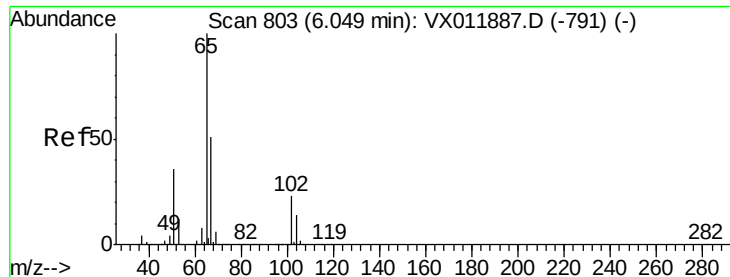
#32
1,1,1-Trichloroethane
Concen: 21.345 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.00 min
Lab File: VX011906.D
Acq: 30 Aug 2019 13:40

Tgt Ion: 97 Resp: 106630
Ion Ratio Lower Upper
97 100
99 65.8 51.8 77.8
61 42.3 33.8 50.6



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

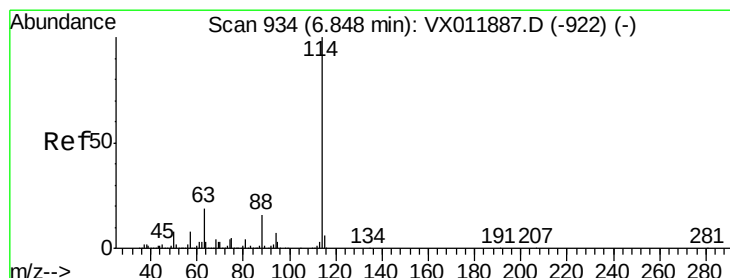
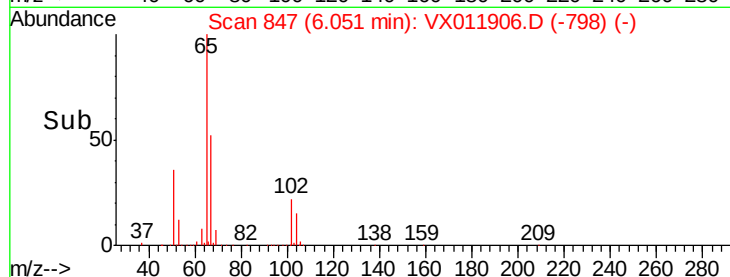
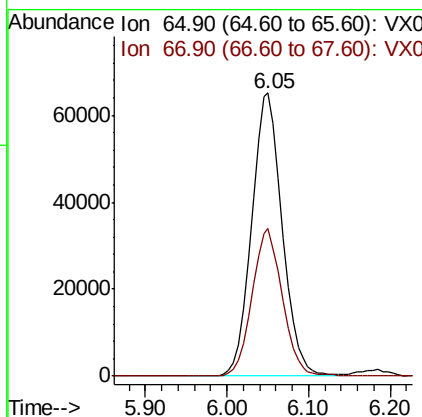
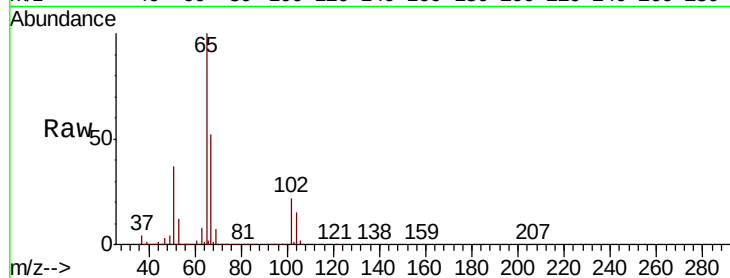




#33
 1,2-Dichloroethane-d4
 Concen: 50.034 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX011906.D
 Acq: 30 Aug 2019 13:40

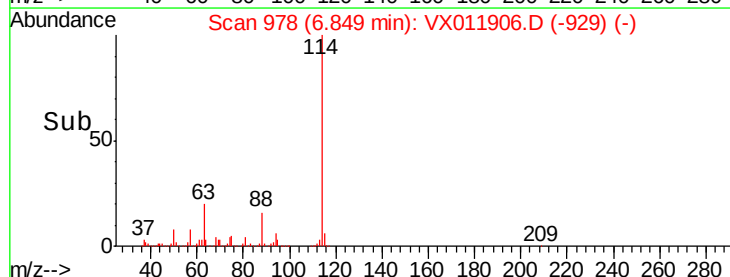
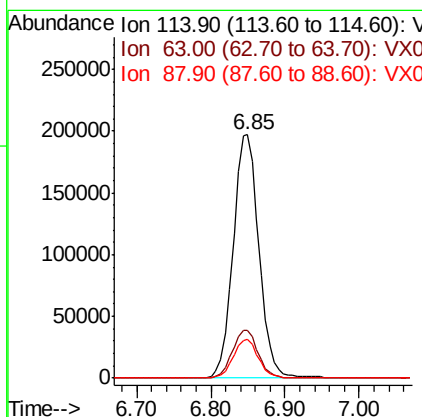
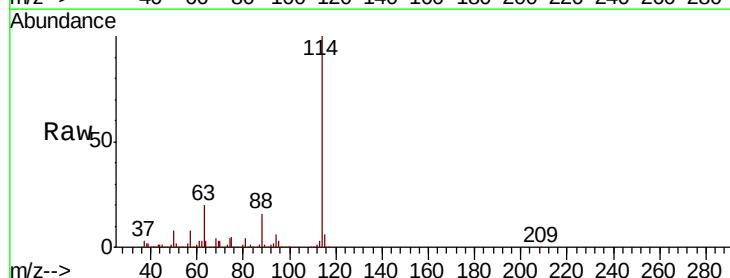
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0830SBS01

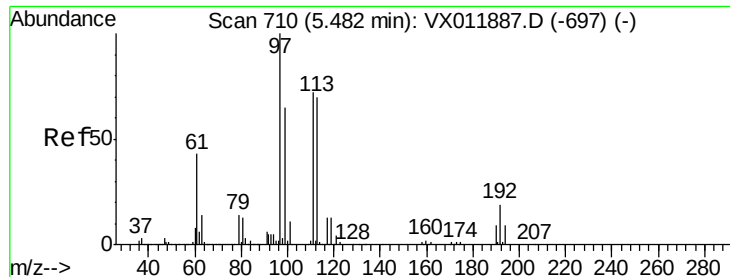
Tgt Ion: 65 Resp: 169992
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX011906.D
 Acq: 30 Aug 2019 13:40

Tgt Ion: 114 Resp: 478627
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 38.8
 88 16.1 0.0 31.2

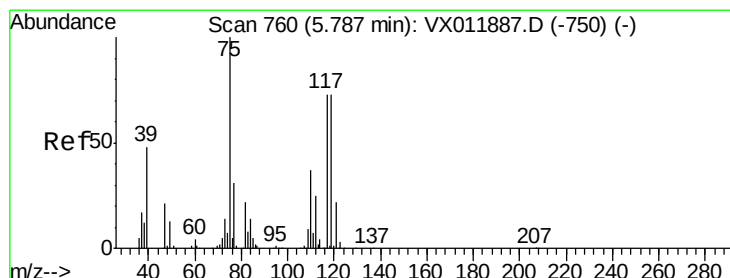
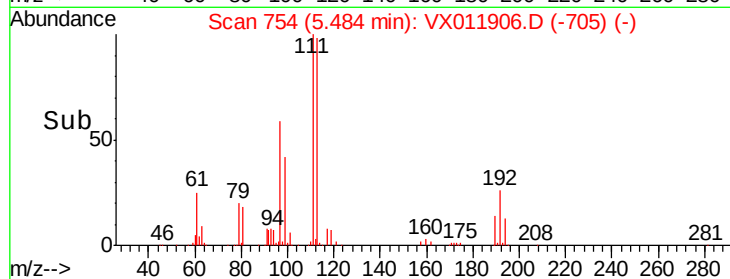
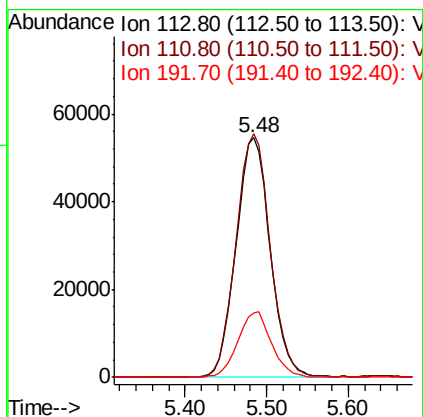
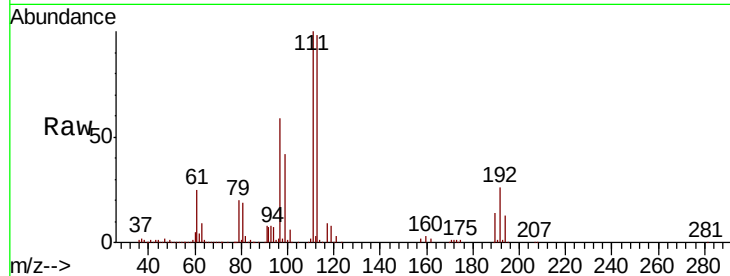




#35
 Dibromofluoromethane
 Concen: 51.536 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: VX011906.D
 Acq: 30 Aug 2019 13:40

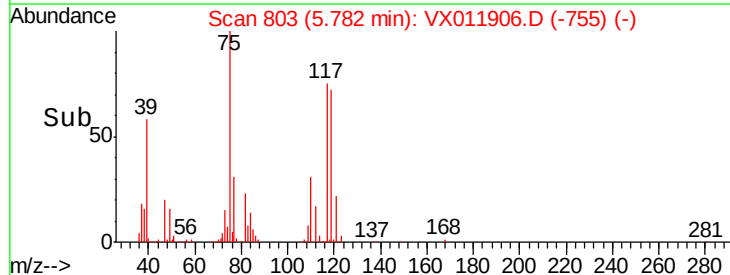
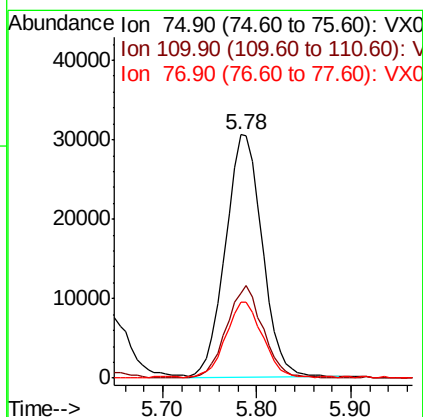
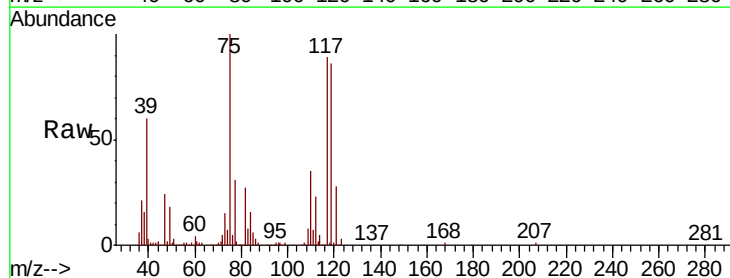
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0830SBS01

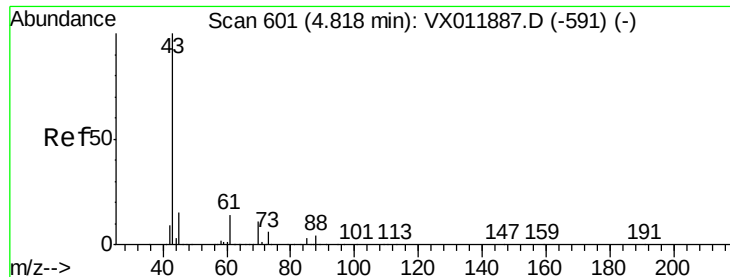
Tgt Ion: 113 Resp: 158171
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.1 123.1
 192 27.0 21.5 32.3



#36
 1,1-Dichloropropene
 Concen: 21.914 ug/l
 RT: 5.78 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: VX011906.D
 Acq: 30 Aug 2019 13:40

Tgt Ion: 75 Resp: 83096
 Ion Ratio Lower Upper
 75 100
 110 37.9 19.1 57.3
 77 31.1 24.4 36.6

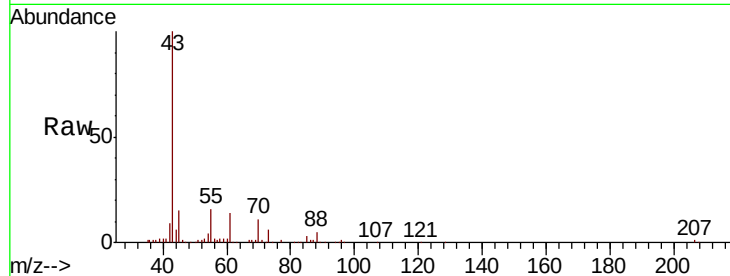




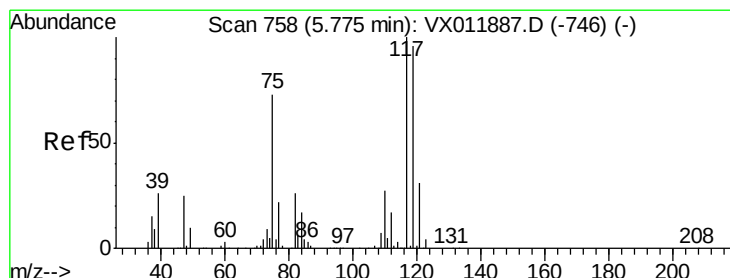
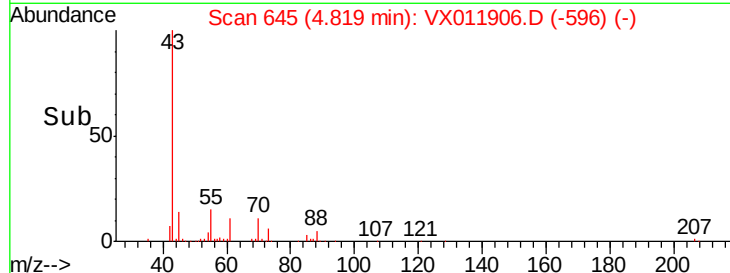
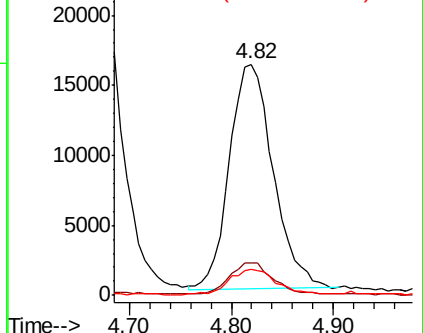
#37
 Ethyl Acetate
 Concen: 21.259 ug/l
 RT: 4.82 min Scan# 645
 Delta R.T. 0.00 min
 Lab File: VX011906.D
 Acq: 30 Aug 2019 13:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0830SBS01

Tgt Ion: 43 Resp: 47717
 Ion Ratio Lower Upper
 43 100
 61 13.4 11.0 16.4
 70 12.9 9.2 13.8

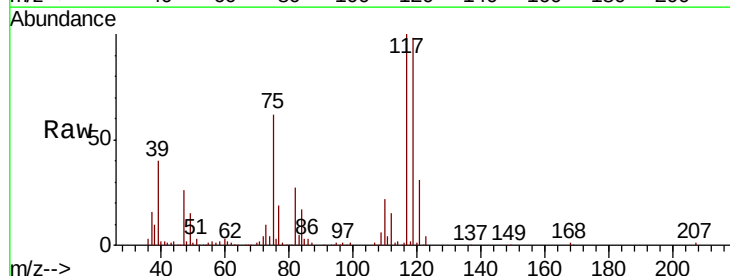


Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 70.00 (69.70 to 70.70): VX0

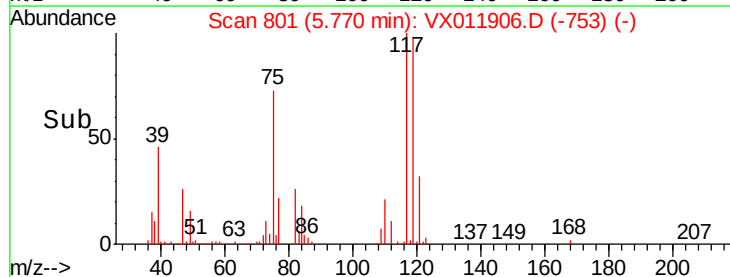
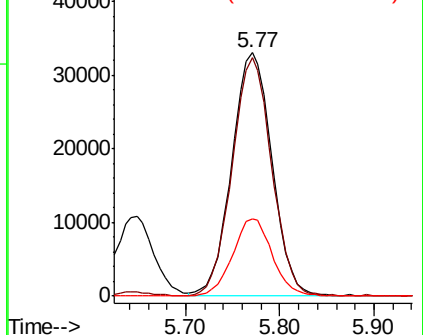


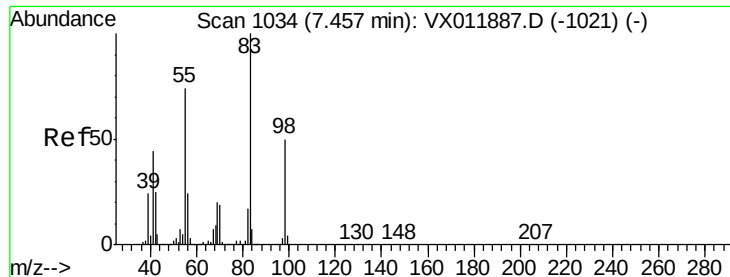
#38
 Carbon Tetrachloride
 Concen: 22.348 ug/l
 RT: 5.77 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: VX011906.D
 Acq: 30 Aug 2019 13:40

Tgt Ion: 117 Resp: 98279
 Ion Ratio Lower Upper
 117 100
 119 97.9 76.6 114.8
 121 31.5 24.7 37.1



Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 118.80 (118.50 to 119.50): V
 Ion 120.80 (120.50 to 121.50): V

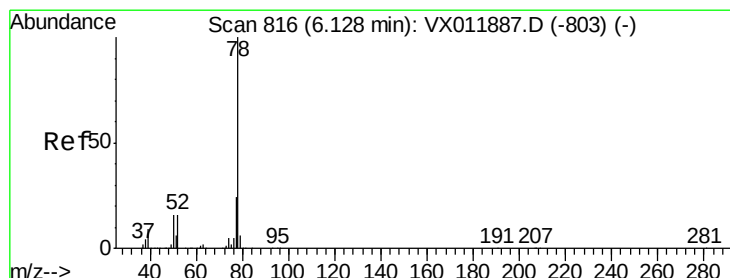
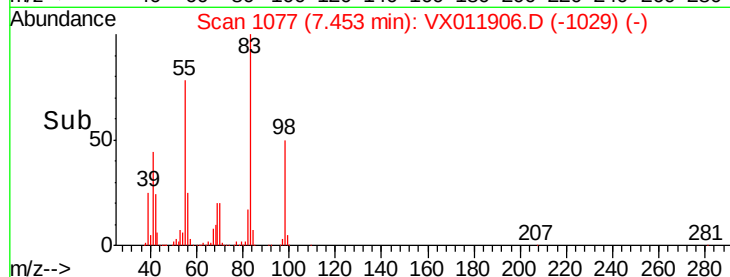
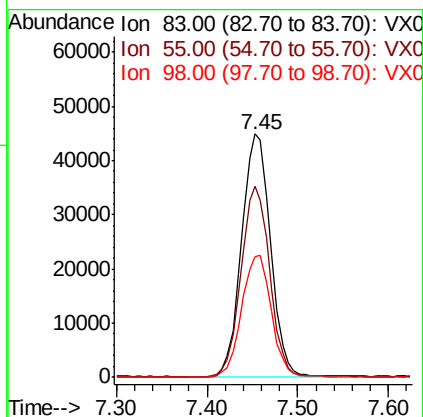
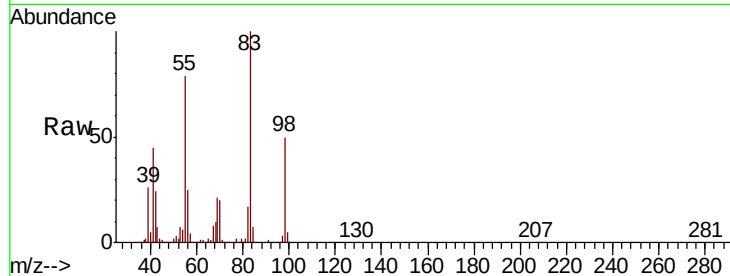




#39
Methylcyclohexane
Concen: 22.131 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VX011906.D
Acq: 30 Aug 2019 13:40

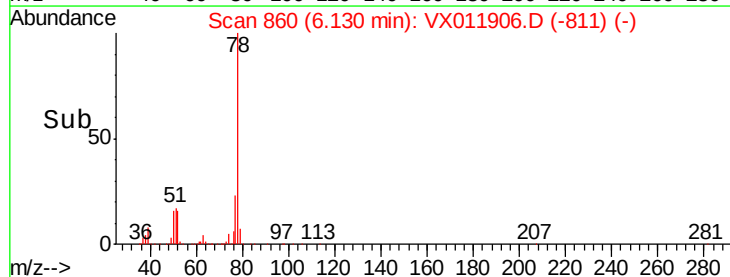
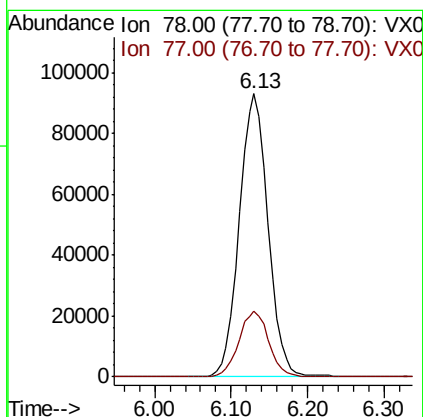
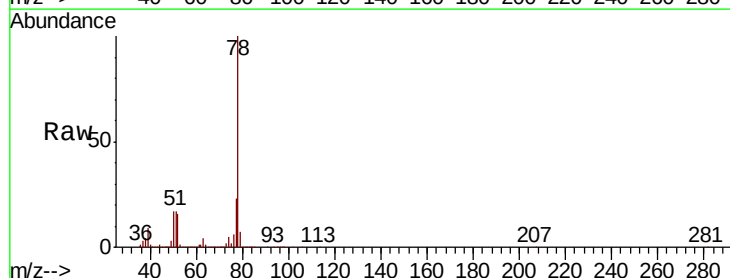
Instrument :
MSVOA_X
ClientSampleId :
VX0830SBS01

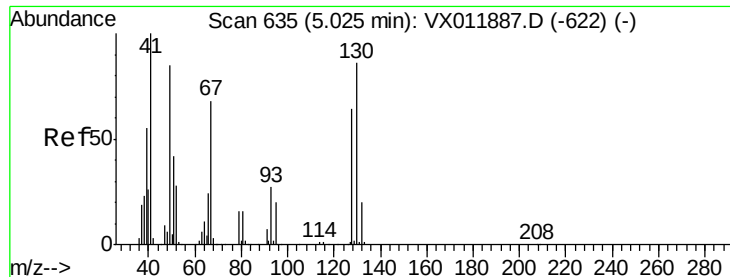
Tgt Ion: 83 Resp: 99955
Ion Ratio Lower Upper
83 100
55 78.2 59.4 89.0
98 49.6 40.3 60.5



#40
Benzene
Concen: 21.436 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX011906.D
Acq: 30 Aug 2019 13:40

Tgt Ion: 78 Resp: 242621
Ion Ratio Lower Upper
78 100
77 23.1 19.0 28.6

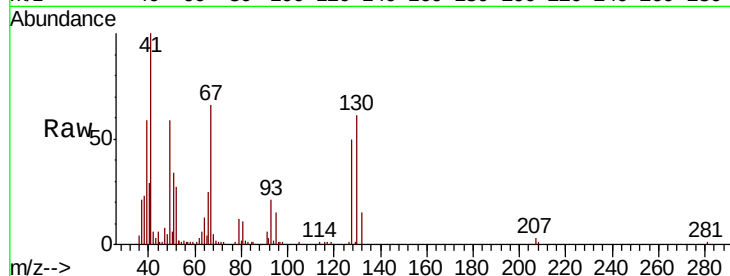




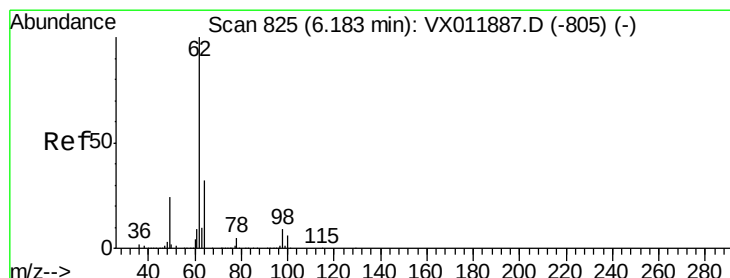
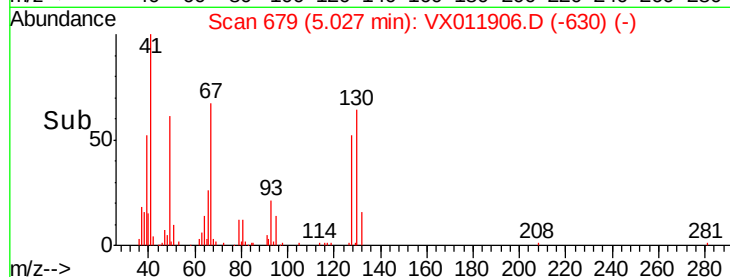
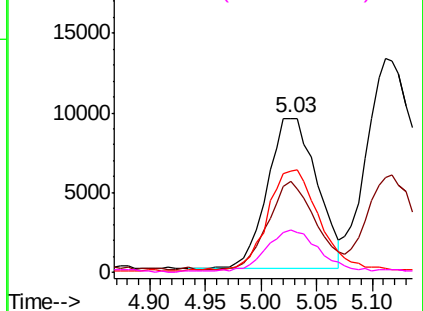
#41
Methacrylonitrile
Concen: 22.140 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX011906.D
Acq: 30 Aug 2019 13:40

Instrument :
MSVOA_X
ClientSampleId :
VX0830SBS01

Tgt Ion:	41	Resp:	29260
Ion	Ratio	Lower	Upper
41	100		
39	56.6	45.0	67.6
67	69.1	55.0	82.4
52	28.8	24.1	36.1

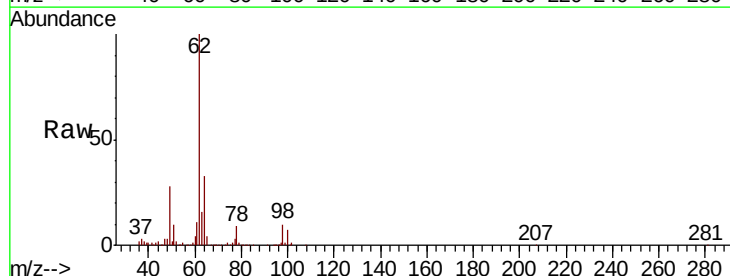


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

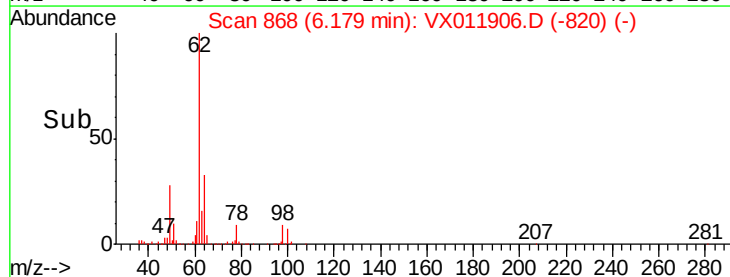
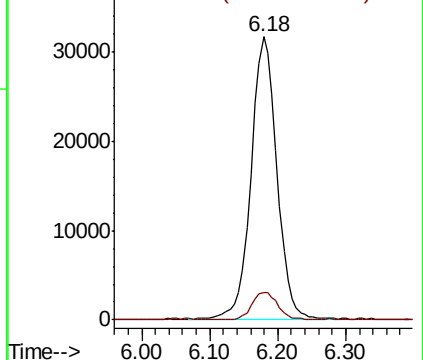


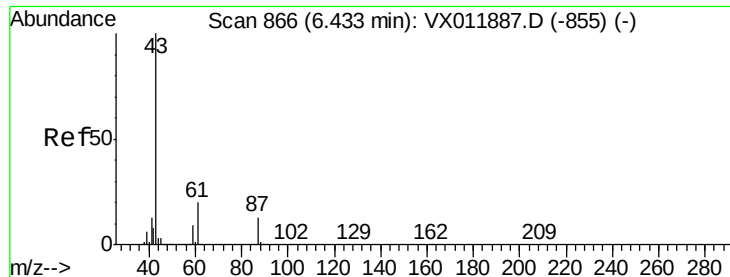
#42
1,2-Dichloroethane
Concen: 21.848 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX011906.D
Acq: 30 Aug 2019 13:40

Tgt Ion:	62	Resp:	84095
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	19.2



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





#43

Isopropyl Acetate

Concen: 22.367 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX011906.D

Acq: 30 Aug 2019 13:40

Instrument :

MSVOA_X

ClientSampleId :

VX0830SBS01

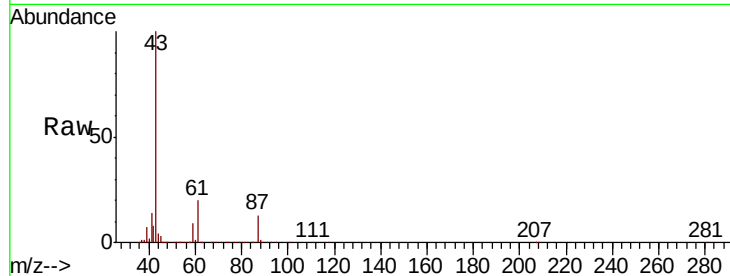
Tgt Ion: 43 Resp: 101787

Ion Ratio Lower Upper

43 100

61 19.9 16.1 24.1

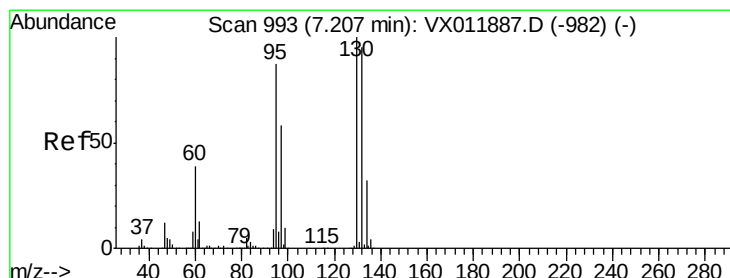
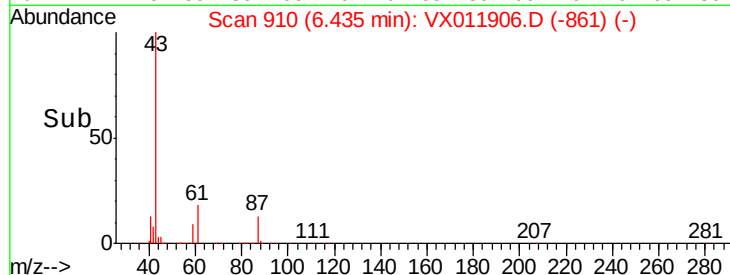
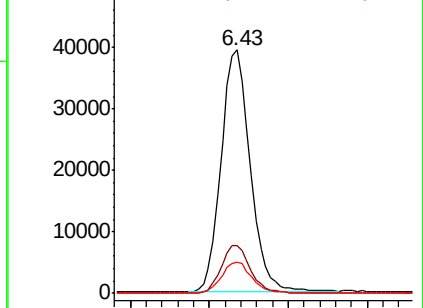
87 13.3 10.6 16.0



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: 21.682 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.00 min

Lab File: VX011906.D

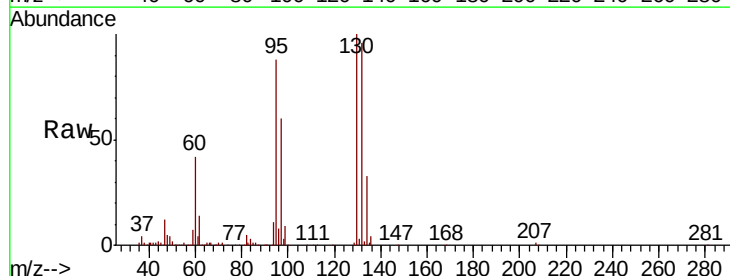
Acq: 30 Aug 2019 13:40

Tgt Ion: 130 Resp: 75930

Ion Ratio Lower Upper

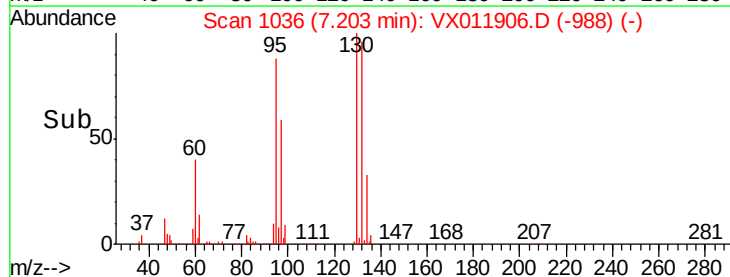
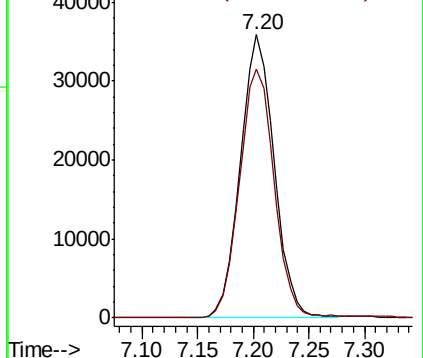
130 100

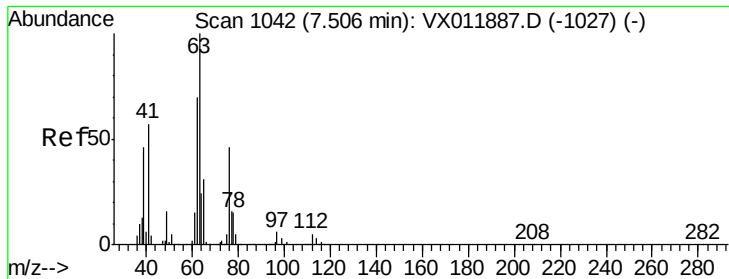
95 87.6 0.0 174.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

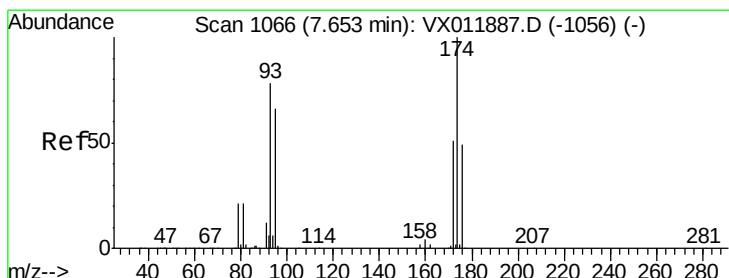
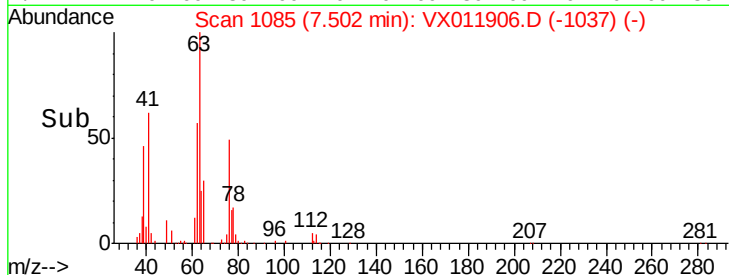
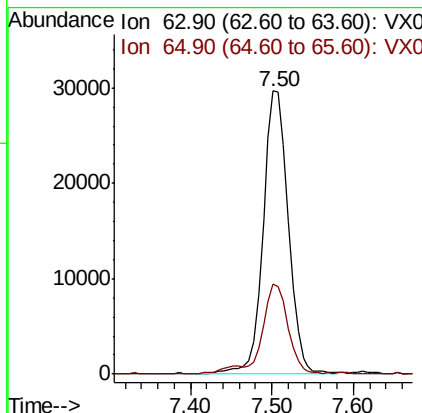
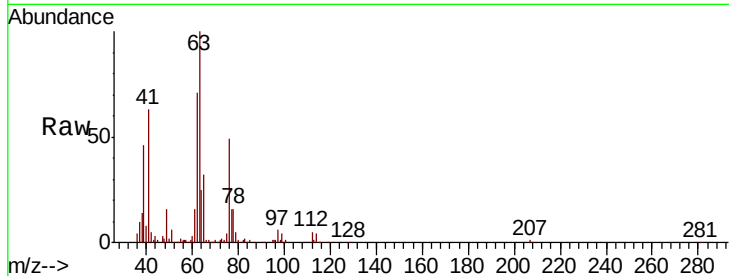




#45
 1,2-Dichloropropane
 Concen: 21.529 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.00 min
 Lab File: VX011906.D
 Acq: 30 Aug 2019 13:40

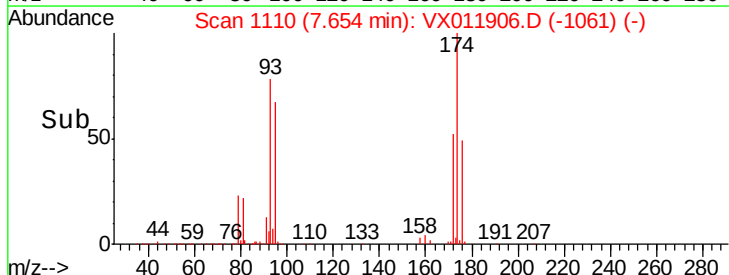
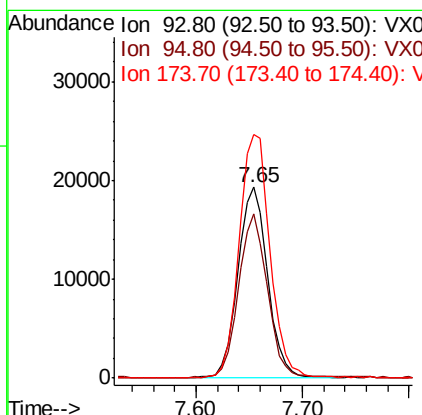
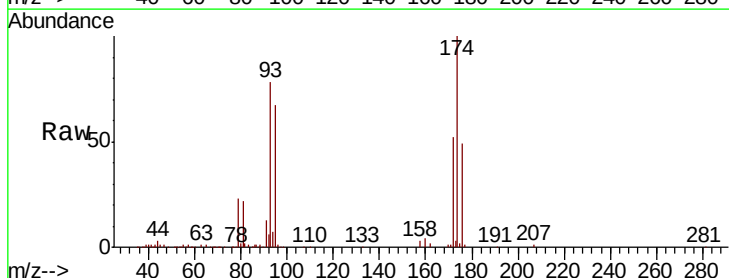
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0830SBS01

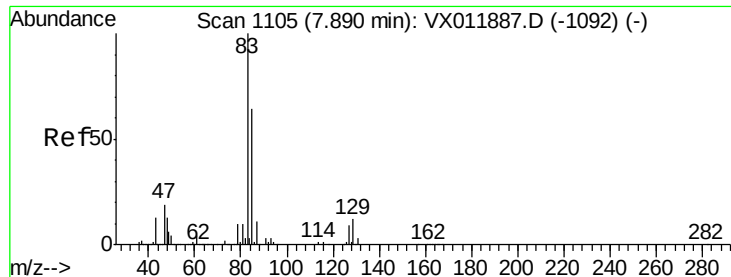
Tgt Ion: 63 Resp: 63741
 Ion Ratio Lower Upper
 63 100
 65 31.6 25.1 37.7



#46
 Dibromomethane
 Concen: 21.669 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX011906.D
 Acq: 30 Aug 2019 13:40

Tgt Ion: 93 Resp: 38075
 Ion Ratio Lower Upper
 93 100
 95 83.9 65.7 98.5
 174 132.4 104.2 156.4





#47

Bromodichloromethane

Concen: 21.660 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX011906.D

Acq: 30 Aug 2019 13:40

Instrument :

MSVOA_X

ClientSampleId :

VX0830SBS01

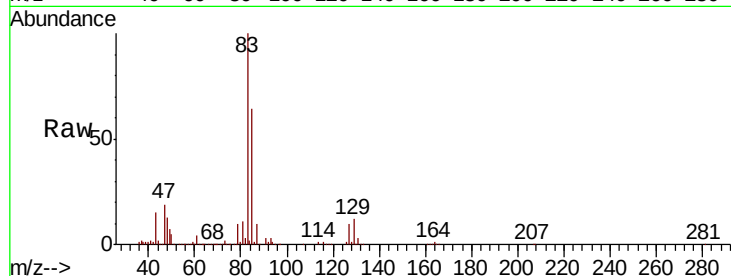
Tgt Ion: 83 Resp: 94376

Ion Ratio Lower Upper

83 100

85 64.2 51.1 76.7

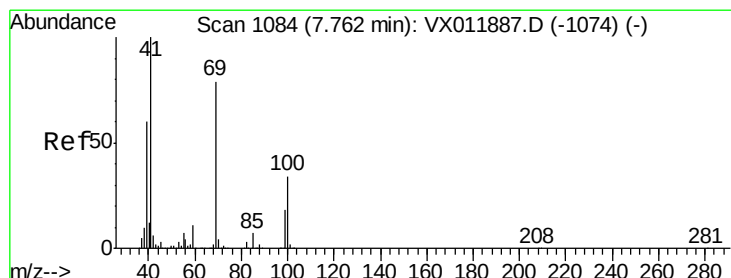
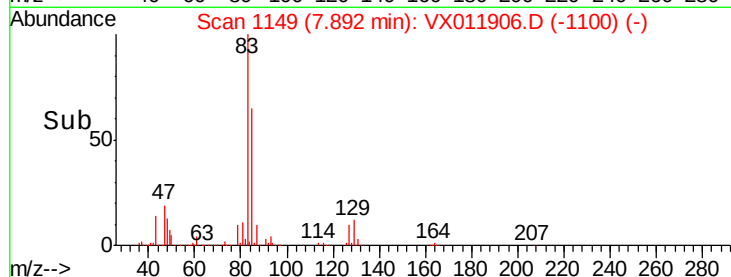
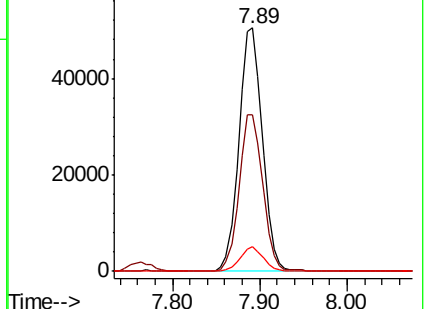
127 10.1 7.4 11.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 22.160 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX011906.D

Acq: 30 Aug 2019 13:40

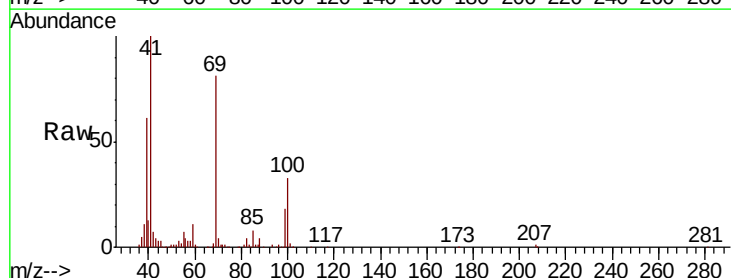
Tgt Ion: 41 Resp: 49067

Ion Ratio Lower Upper

41 100

69 78.1 64.4 96.6

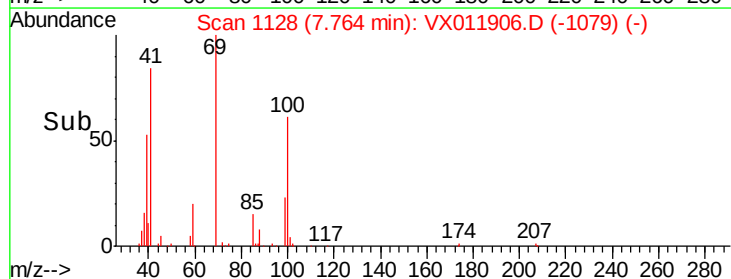
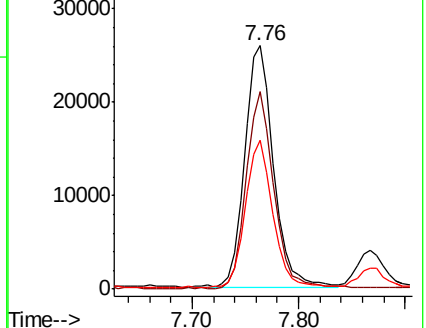
39 58.1 47.2 70.8

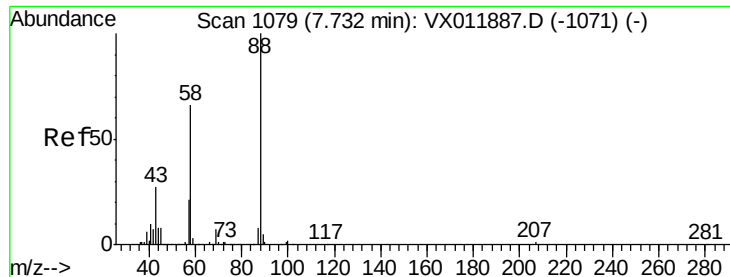


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

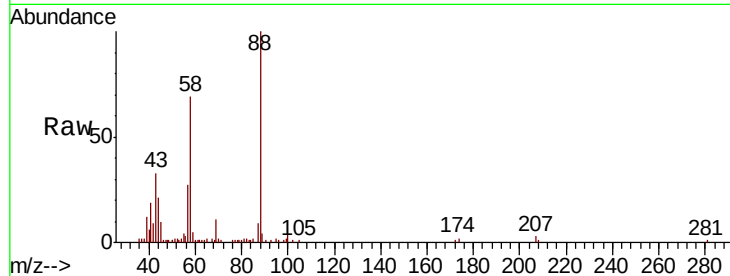




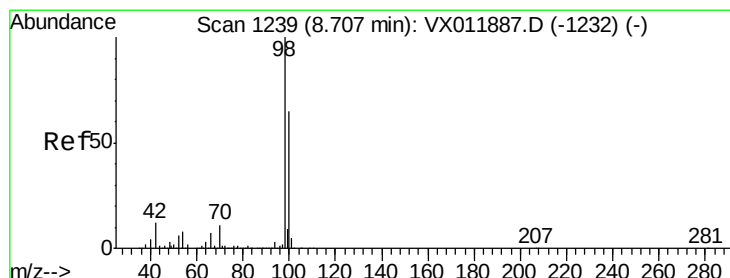
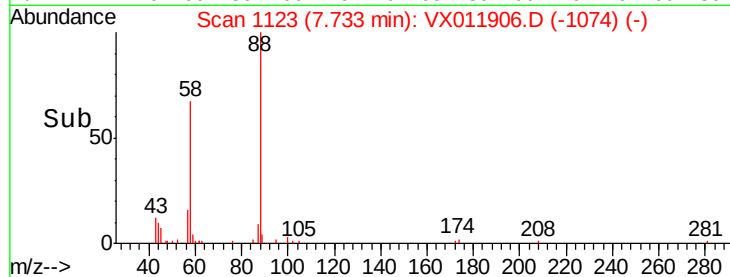
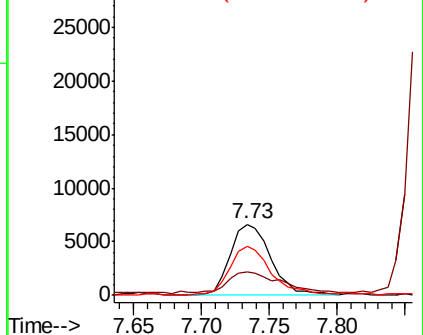
#49
1,4-Dioxane
Concen: 452.931 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX011906.D
Acq: 30 Aug 2019 13:40

Instrument :
MSVOA_X
ClientSampleId :
VX0830SBS01

Tgt Ion: 88 Resp: 13791
Ion Ratio Lower Upper
88 100
43 39.9 27.3 40.9
58 68.0 53.9 80.9

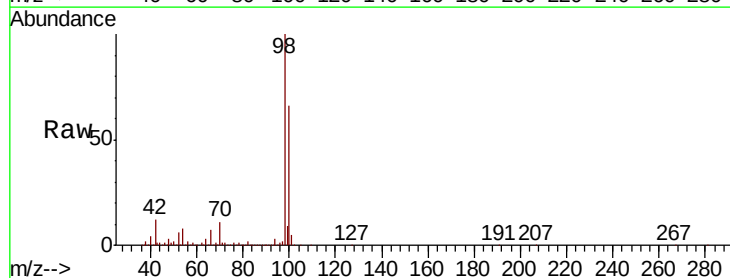


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

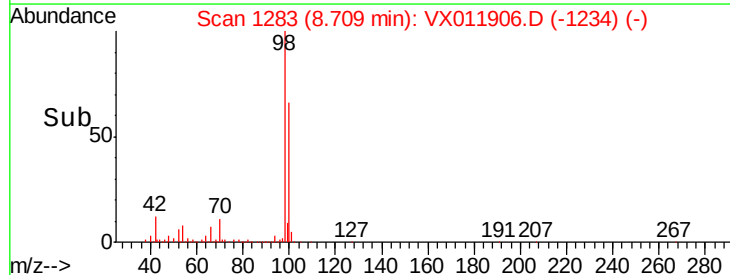
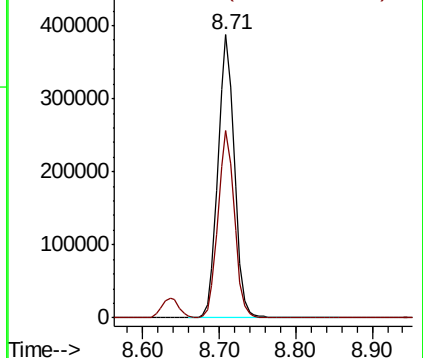


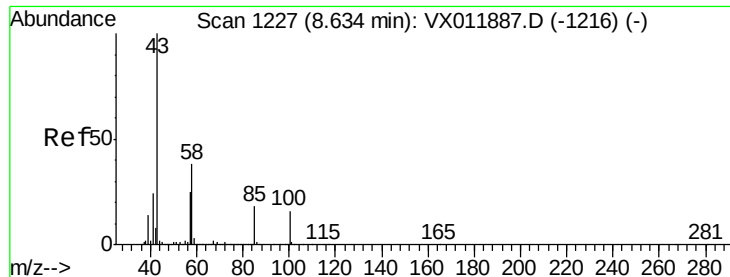
#50
Toluene-d8
Concen: 52.711 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX011906.D
Acq: 30 Aug 2019 13:40

Tgt Ion: 98 Resp: 578306
Ion Ratio Lower Upper
98 100
100 66.4 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V

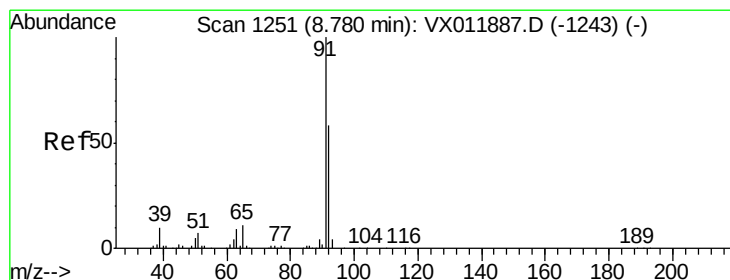
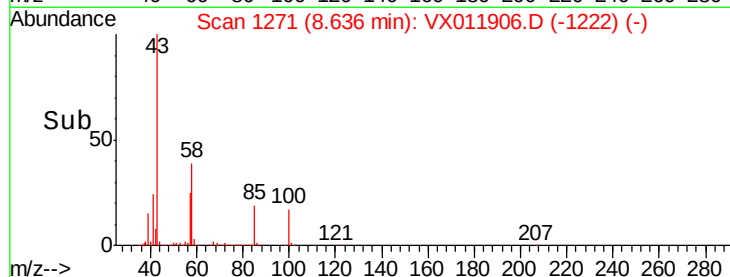
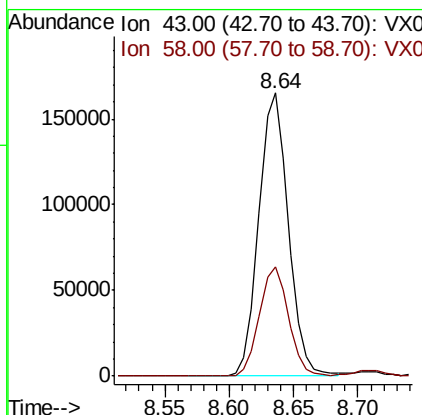
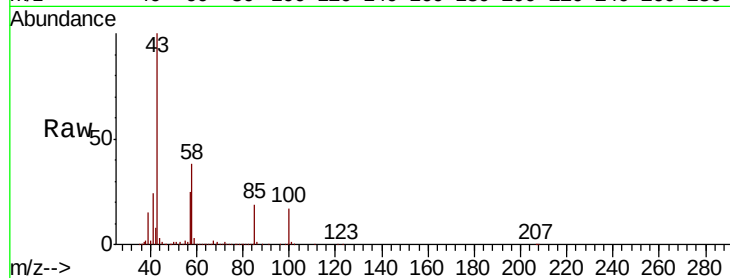




#51
 4-Methyl-2-Pentanone
 Concen: 112.322 ug/l
 RT: 8.64 min Scan# 1271
 Delta R.T. 0.00 min
 Lab File: VX011906.D
 Acq: 30 Aug 2019 13:40

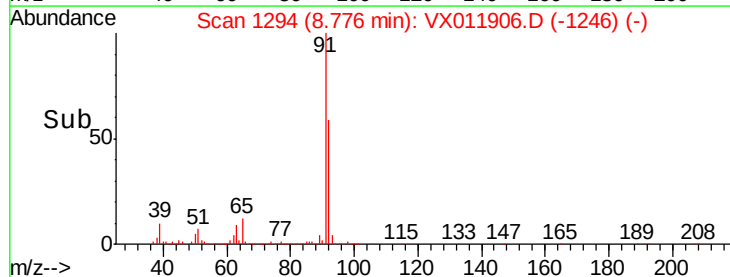
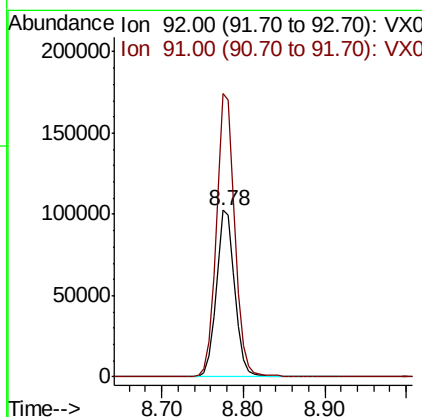
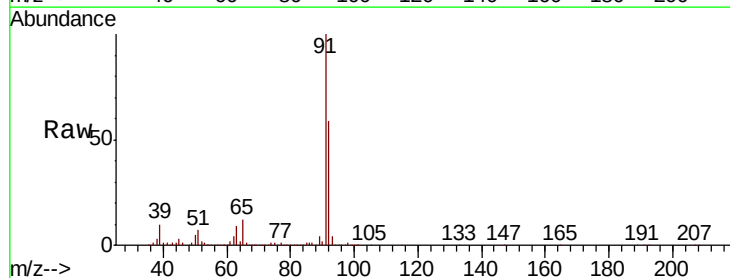
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0830SBS01

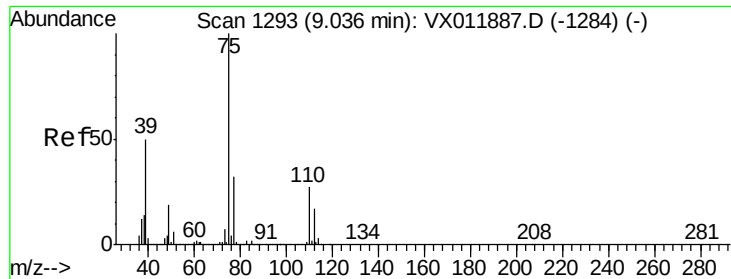
Tgt Ion: 43 Resp: 259668
 Ion Ratio Lower Upper
 43 100
 58 38.4 30.9 46.3



#52
 Toluene
 Concen: 21.757 ug/l
 RT: 8.78 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX011906.D
 Acq: 30 Aug 2019 13:40

Tgt Ion: 92 Resp: 162920
 Ion Ratio Lower Upper
 92 100
 91 170.3 136.8 205.2





#53

t-1,3-Dichloropropene

Concen: 21.727 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX011906.D

Acq: 30 Aug 2019 13:40

Instrument :

MSVOA_X

ClientSampleId :

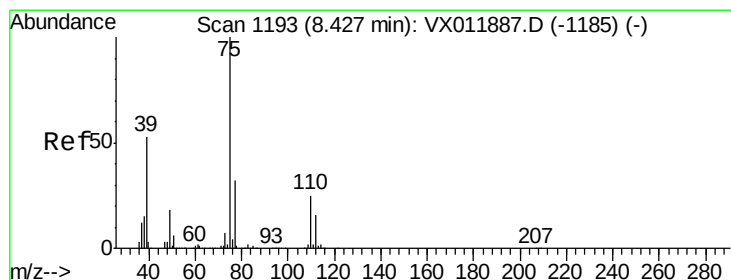
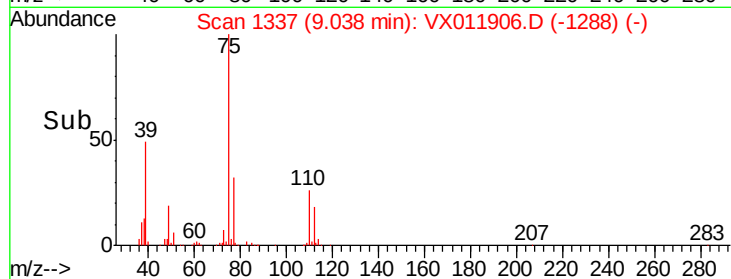
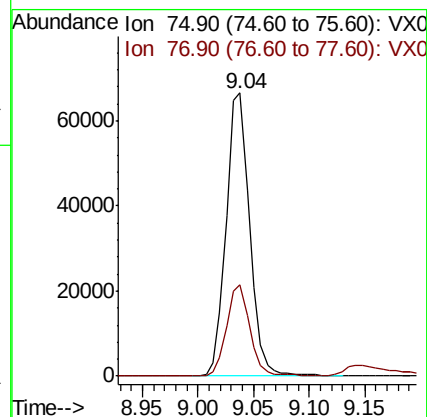
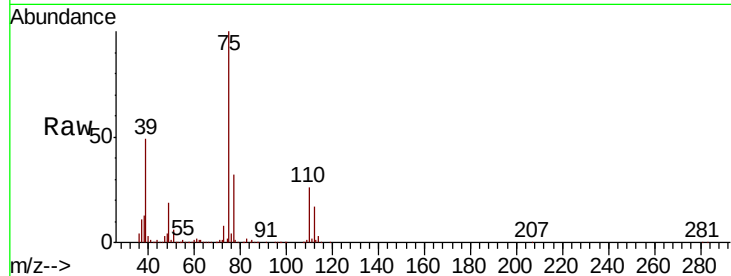
VX0830SBS01

Tgt Ion: 75 Resp: 96969

Ion Ratio Lower Upper

75 100

77 32.1 25.6 38.4



#54

cis-1,3-Dichloropropene

Concen: 21.420 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX011906.D

Acq: 30 Aug 2019 13:40

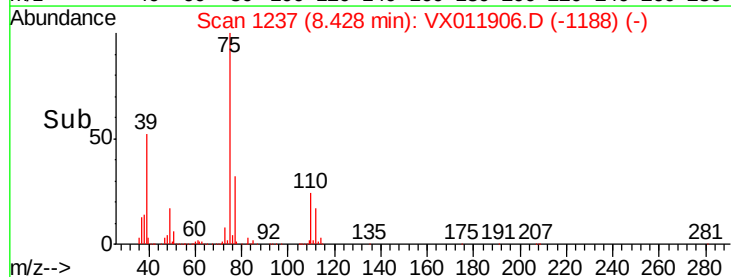
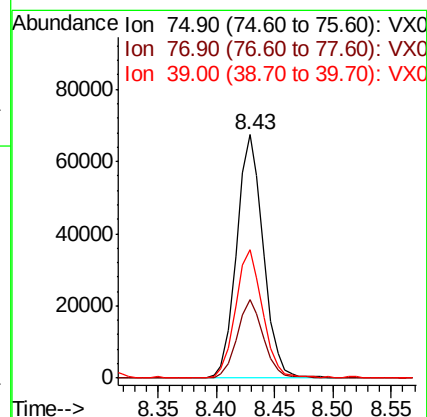
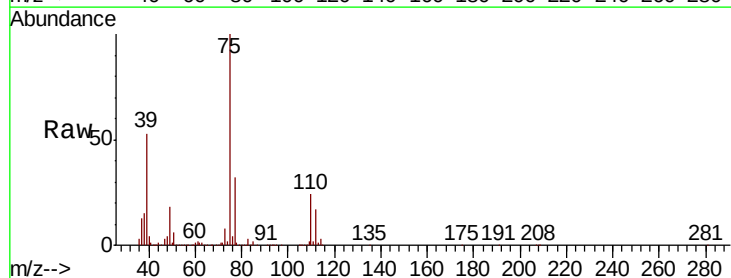
Tgt Ion: 75 Resp: 107317

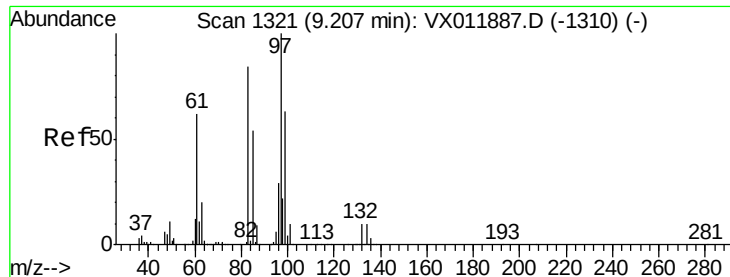
Ion Ratio Lower Upper

75 100

77 32.2 25.5 38.3

39 52.4 42.6 64.0

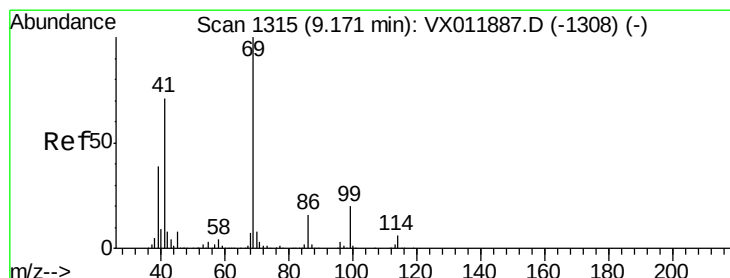
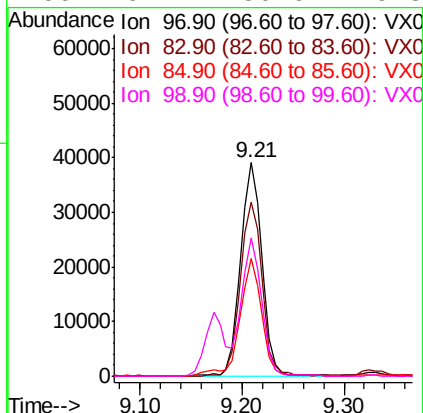
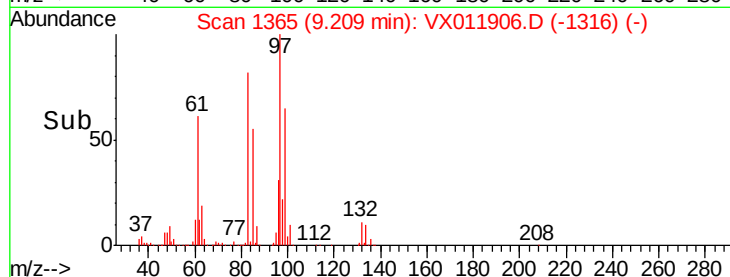
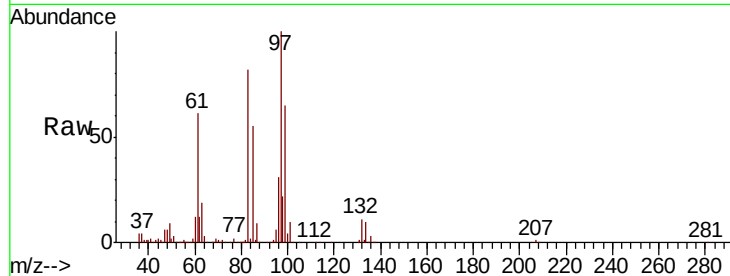




#55
 1,1,2-Trichloroethane
 Concen: 22.067 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX011906.D
 Acq: 30 Aug 2019 13:40

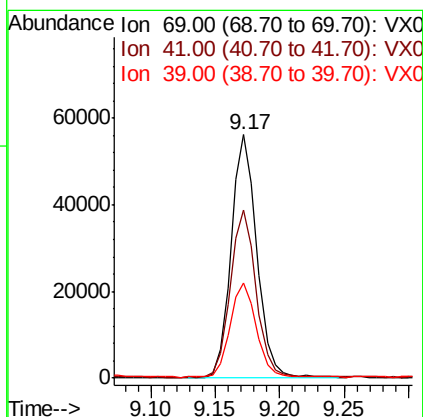
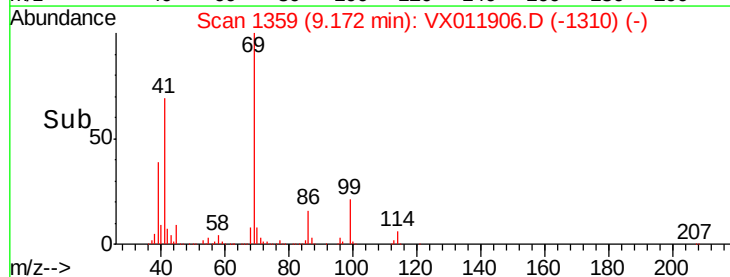
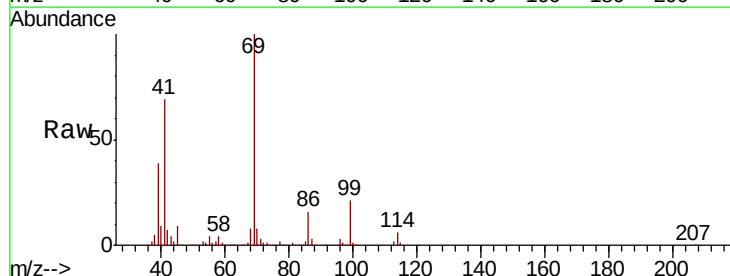
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0830SBS01

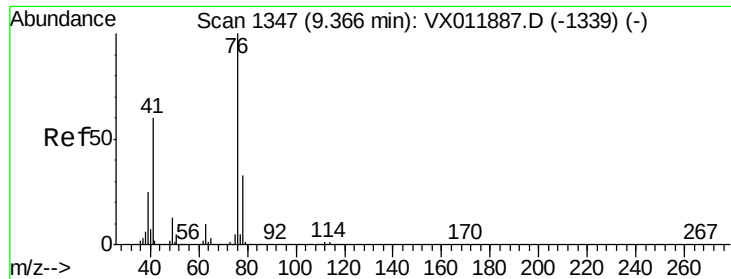
Tgt Ion:	97	Resp:	56764
Ion	Ratio	Lower	Upper
97	100		
83	81.4	66.8	100.2
85	54.8	43.5	65.3
99	64.7	50.6	75.8



#56
 Ethyl methacrylate
 Concen: 21.796 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX011906.D
 Acq: 30 Aug 2019 13:40

Tgt Ion:	69	Resp:	77814
Ion	Ratio	Lower	Upper
69	100		
41	69.3	55.8	83.8
39	40.4	31.1	46.7

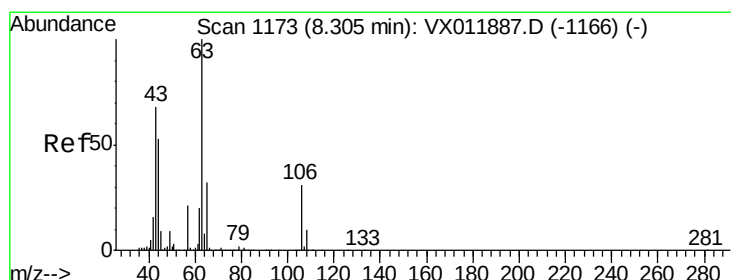
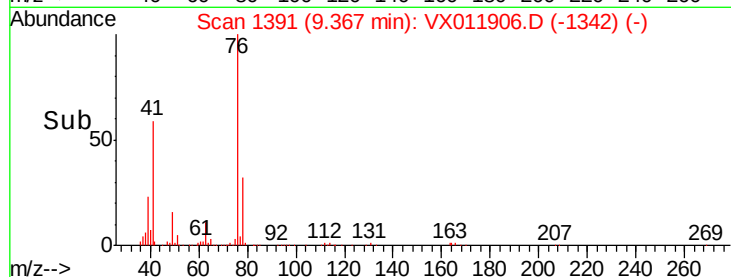
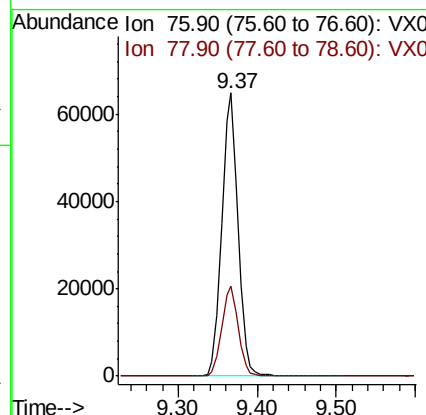
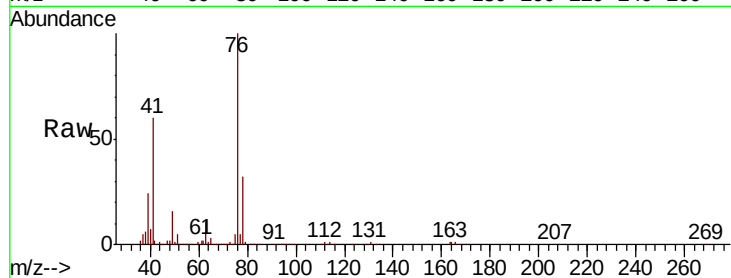




#57
 1,3-Dichloropropane
 Concen: 21.820 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX011906.D
 Acq: 30 Aug 2019 13:40

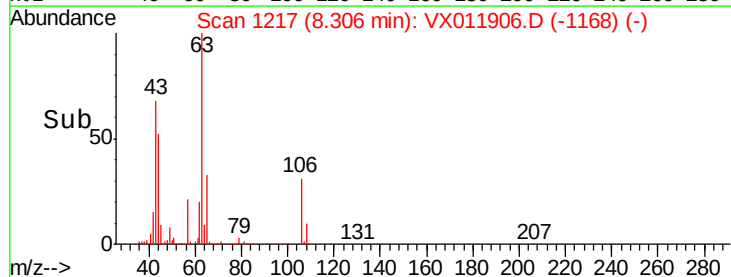
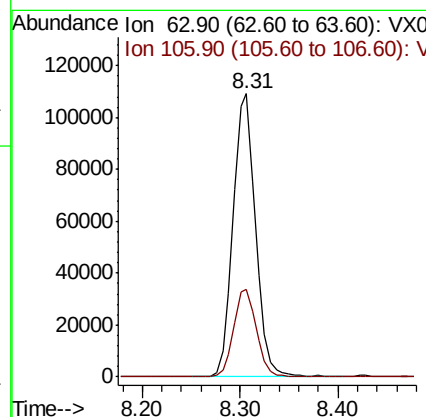
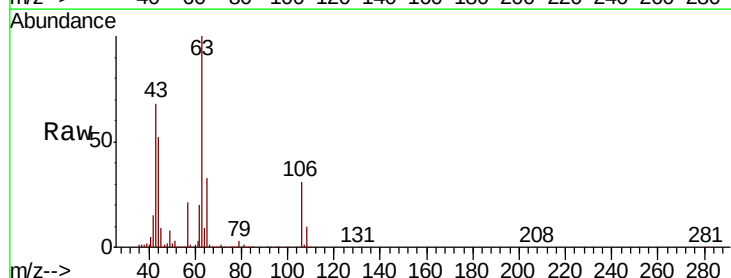
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0830SBS01

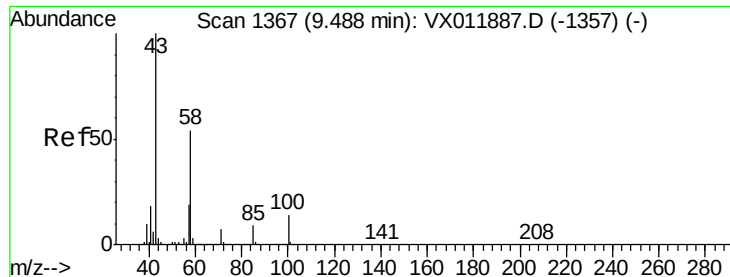
Tgt Ion: 76 Resp: 93160
 Ion Ratio Lower Upper
 76 100
 78 32.2 26.4 39.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 101.709 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: VX011906.D
 Acq: 30 Aug 2019 13:40

Tgt Ion: 63 Resp: 172946
 Ion Ratio Lower Upper
 63 100
 106 31.8 24.8 37.2

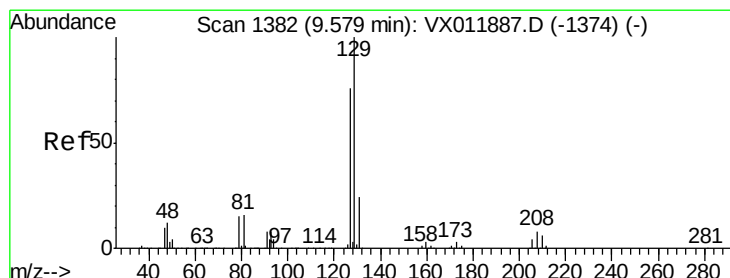
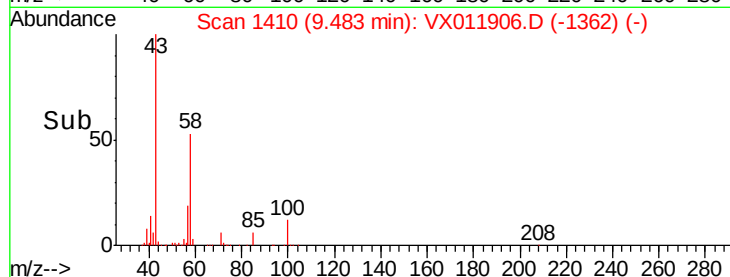
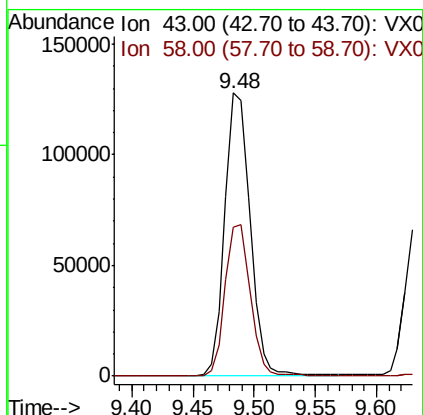
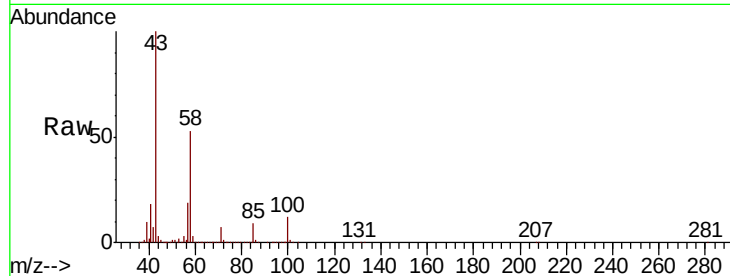




#59
2-Hexanone
Concen: 111.553 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX011906.D
Acq: 30 Aug 2019 13:40

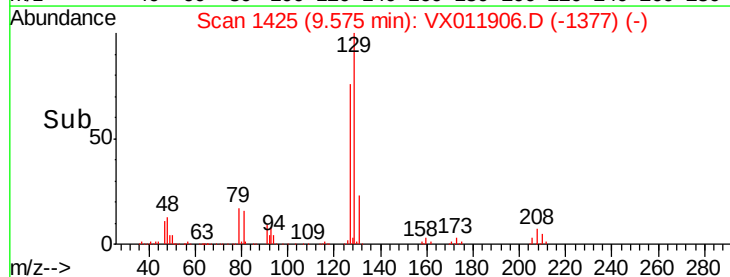
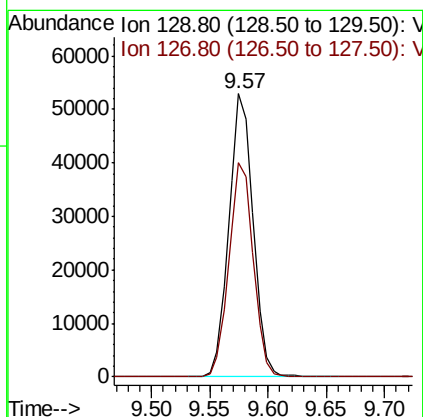
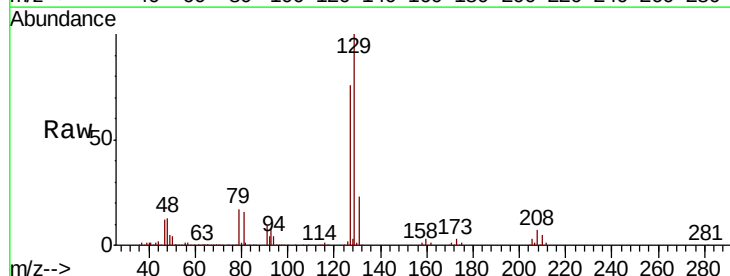
Instrument :
MSVOA_X
ClientSampleId :
VX0830SBS01

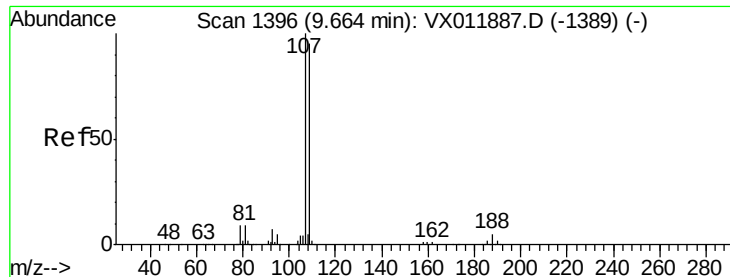
Tgt Ion: 43 Resp: 183189
Ion Ratio Lower Upper
43 100
58 53.9 26.8 80.4



#60
Dibromochloromethane
Concen: 22.167 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX011906.D
Acq: 30 Aug 2019 13:40

Tgt Ion: 129 Resp: 76584
Ion Ratio Lower Upper
129 100
127 76.1 38.6 115.7





#61

1,2-Dibromoethane

Concen: 21.823 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX011906.D

Acq: 30 Aug 2019 13:40

Instrument :

MSVOA_X

ClientSampleId :

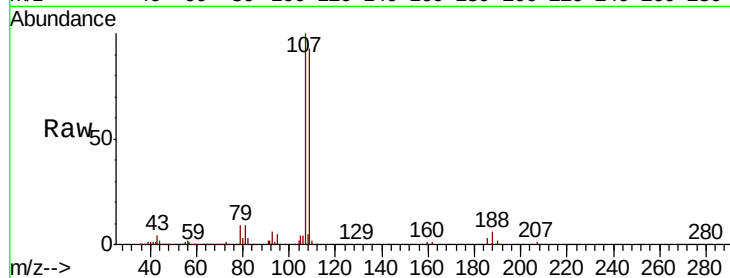
VX0830SBS01

Tgt Ion: 107 Resp: 55657

Ion Ratio Lower Upper

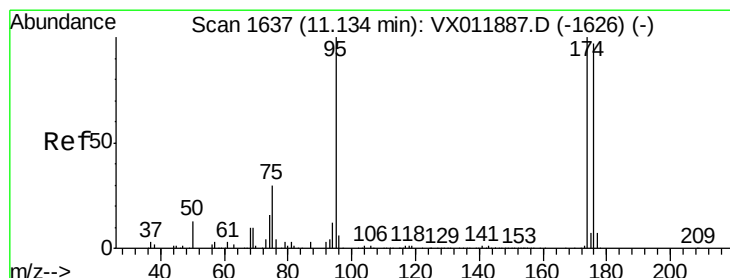
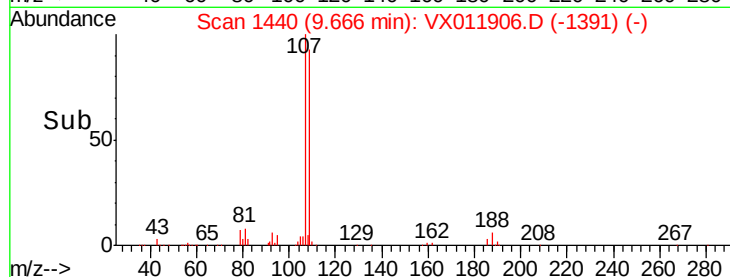
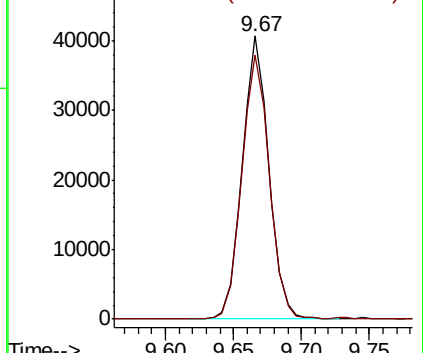
107 100

109 96.2 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.723 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX011906.D

Acq: 30 Aug 2019 13:40

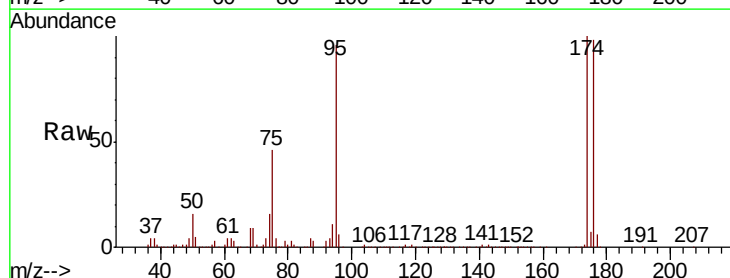
Tgt Ion: 95 Resp: 239301

Ion Ratio Lower Upper

95 100

174 98.6 0.0 196.0

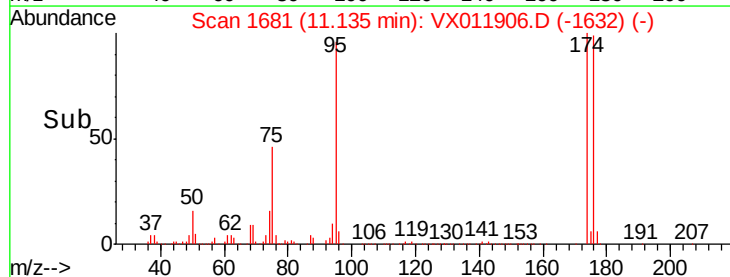
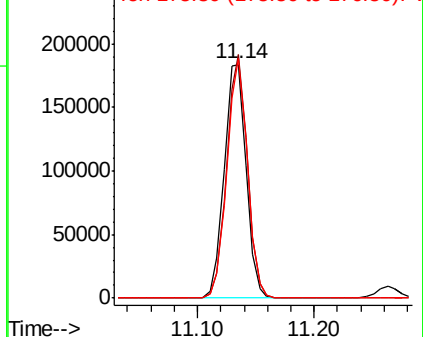
176 96.4 0.0 191.4

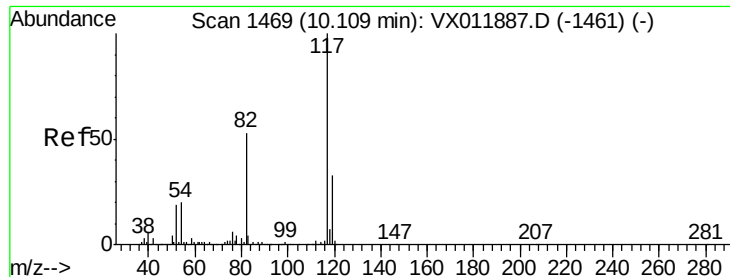


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

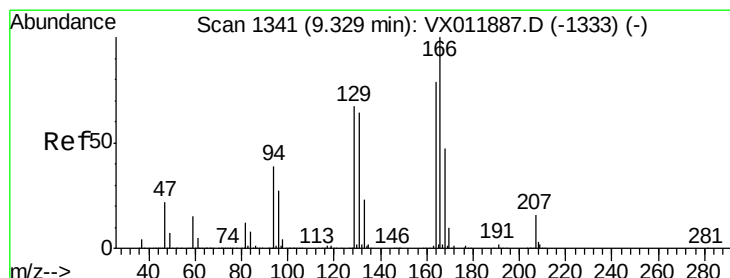
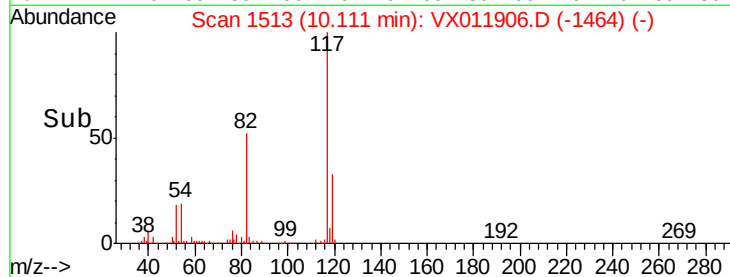
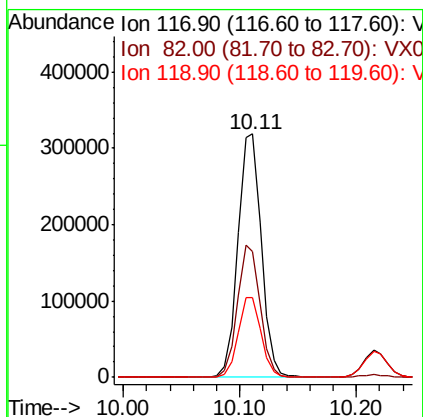
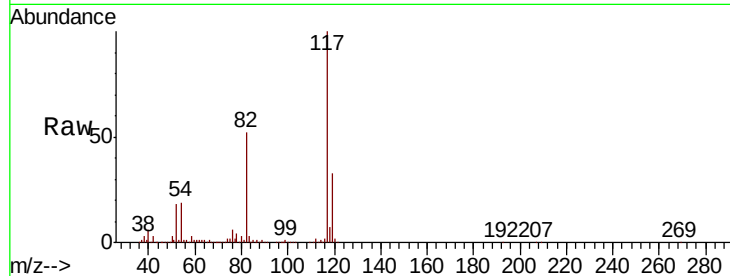




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX011906.D
Acq: 30 Aug 2019 13:40

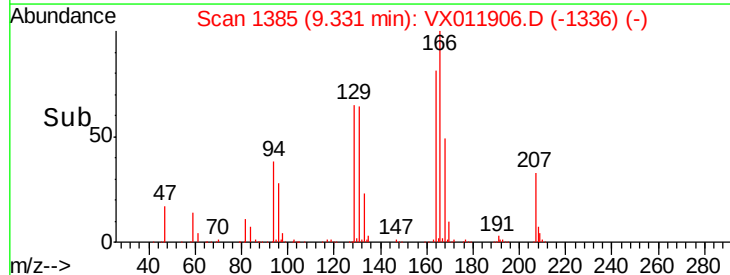
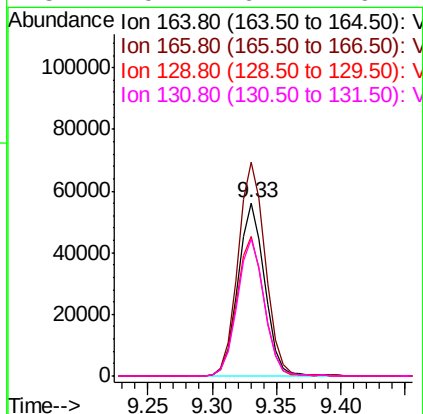
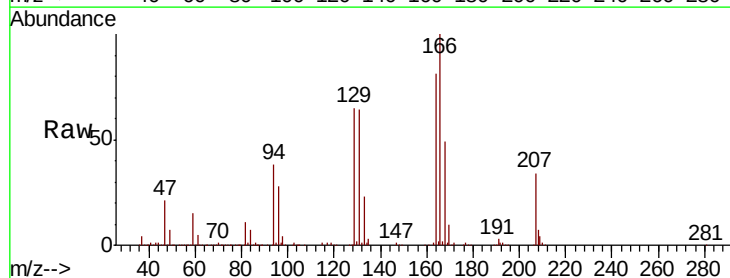
Instrument :
MSVOA_X
ClientSampleId :
VX0830SBS01

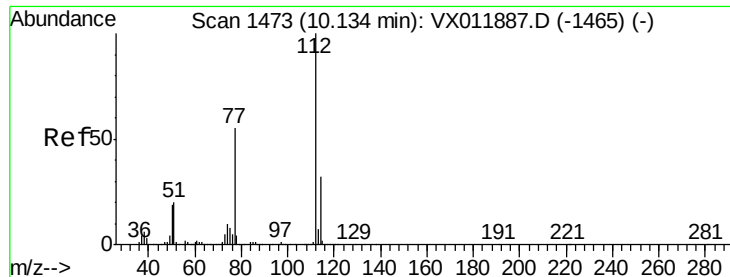
Tgt Ion:117 Resp: 447186
Ion Ratio Lower Upper
117 100
82 51.5 42.0 63.0
119 32.8 26.2 39.4



#64
Tetrachloroethene
Concen: 22.245 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX011906.D
Acq: 30 Aug 2019 13:40

Tgt Ion:164 Resp: 80019
Ion Ratio Lower Upper
164 100
166 123.4 101.4 152.0
129 80.3 68.0 102.0
131 79.1 64.7 97.1

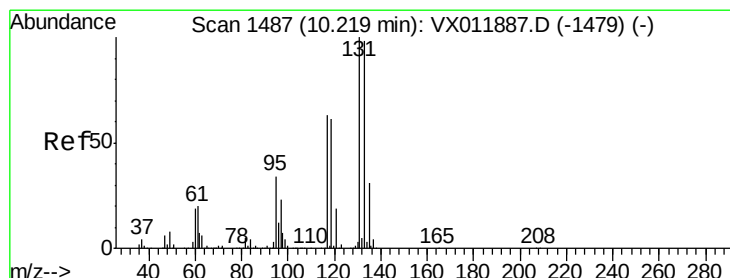
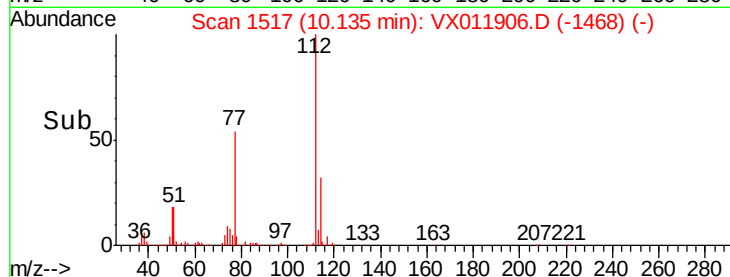
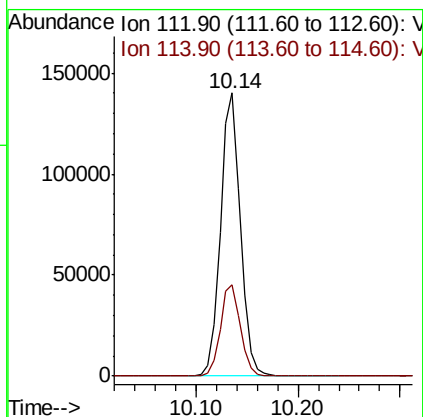
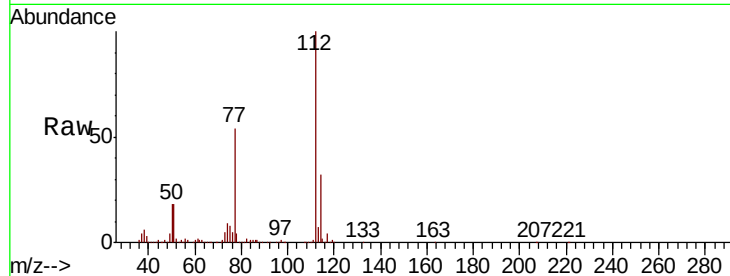




#65
Chlorobenzene
Concen: 21.965 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX011906.D
Acq: 30 Aug 2019 13:40

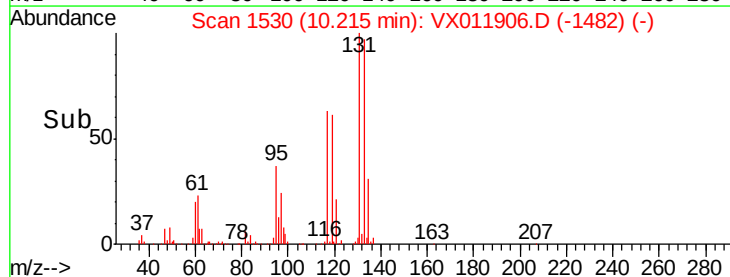
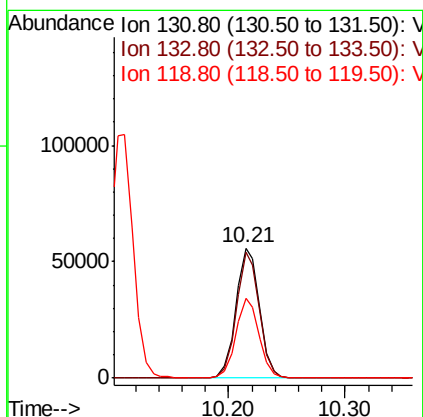
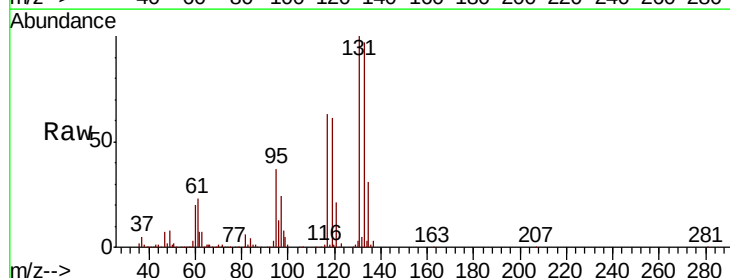
Instrument :
MSVOA_X
ClientSampleId :
VX0830SBS01

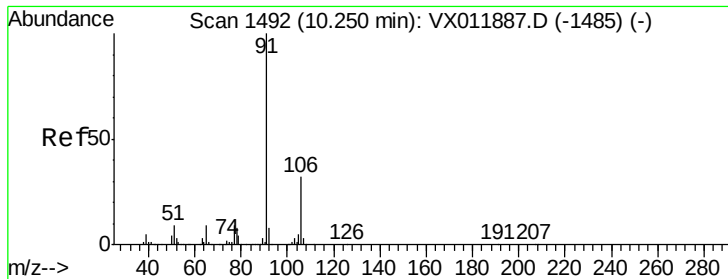
Tgt Ion:112 Resp: 190344
Ion Ratio Lower Upper
112 100
114 32.1 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 22.302 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX011906.D
Acq: 30 Aug 2019 13:40

Tgt Ion:131 Resp: 78153
Ion Ratio Lower Upper
131 100
133 95.2 48.4 145.0
119 59.9 30.6 92.0

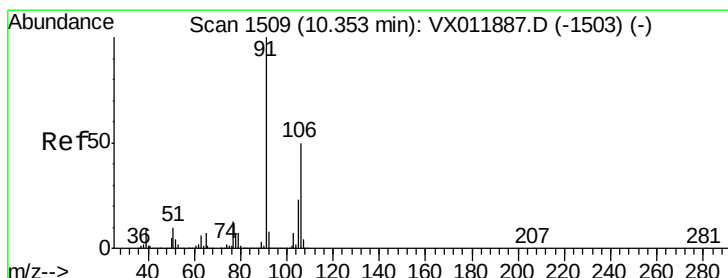
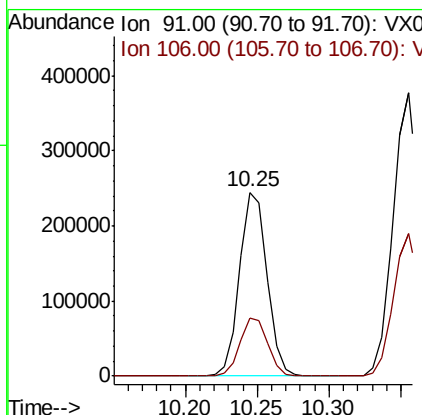
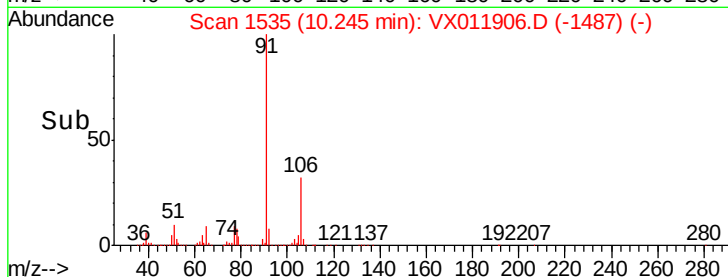
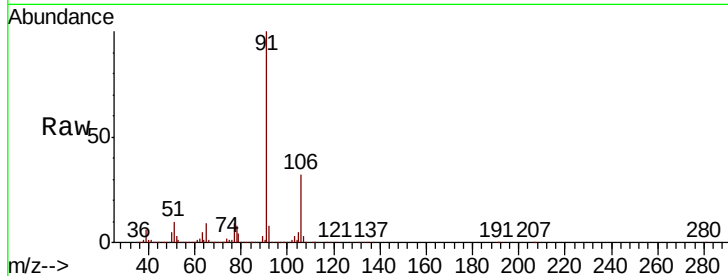




#67
Ethyl Benzene
Concen: 22.048 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX011906.D
Acq: 30 Aug 2019 13:40

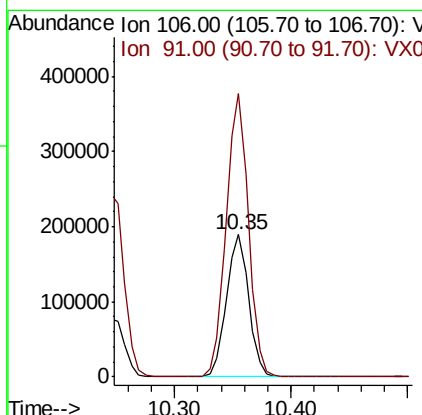
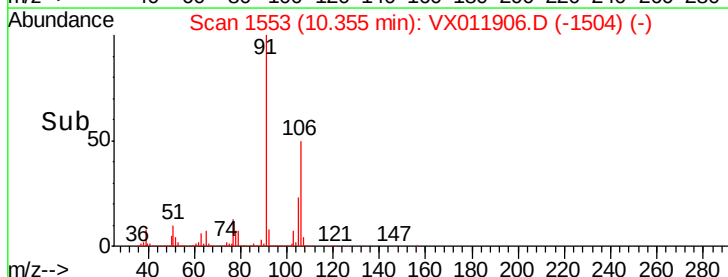
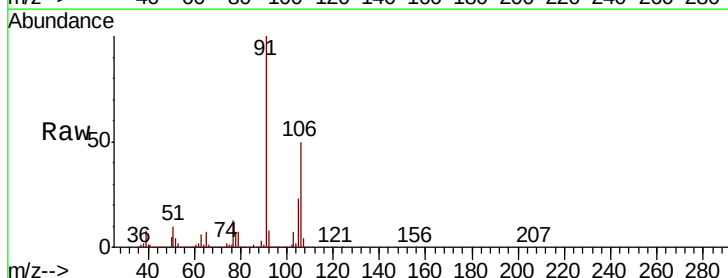
Instrument :
MSVOA_X
ClientSampleId :
VX0830SBS01

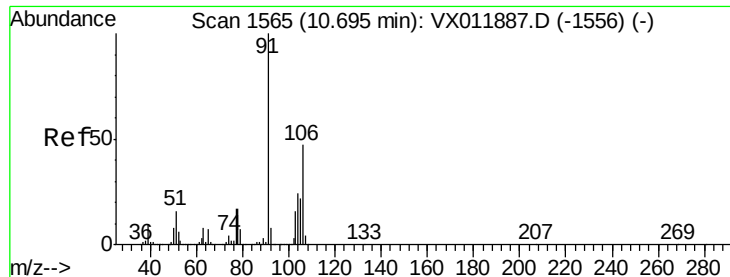
Tgt Ion: 91 Resp: 324997
Ion Ratio Lower Upper
91 100
106 31.9 25.8 38.8



#68
m/p-Xylenes
Concen: 43.939 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX011906.D
Acq: 30 Aug 2019 13:40

Tgt Ion: 106 Resp: 250093
Ion Ratio Lower Upper
106 100
91 200.3 158.6 237.8

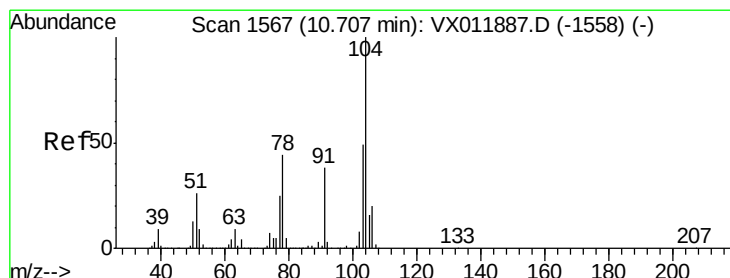
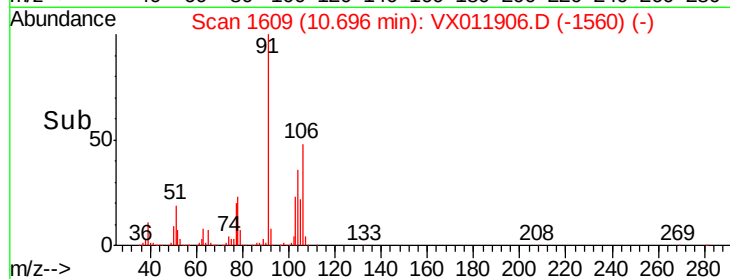
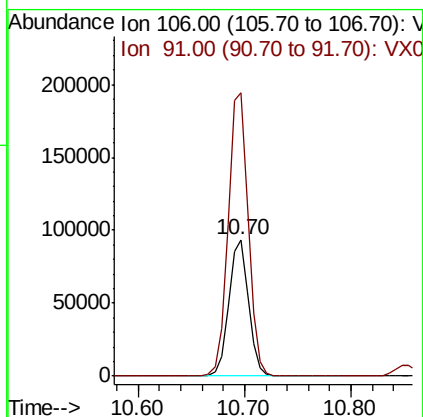
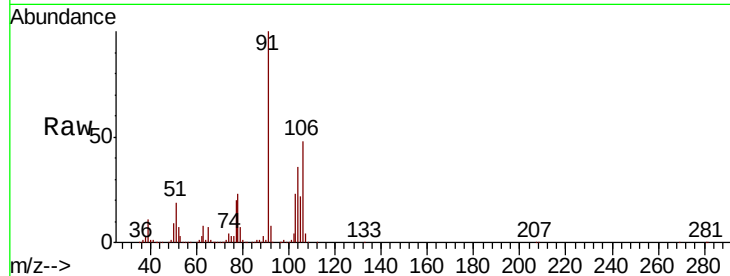




#69
o-Xylene
Concen: 21.919 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX011906.D
Acq: 30 Aug 2019 13:40

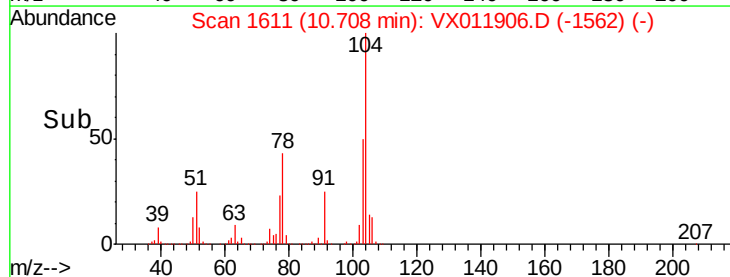
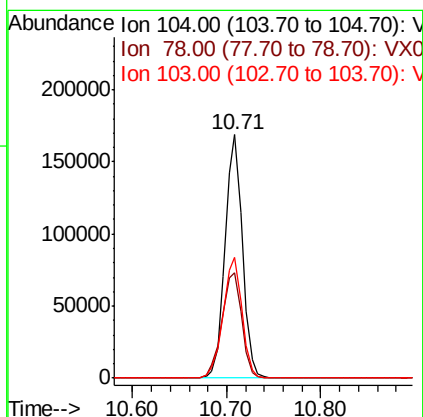
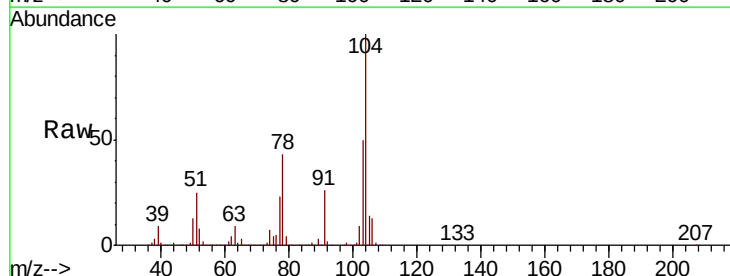
Instrument :
MSVOA_X
ClientSampleId :
VX0830SBS01

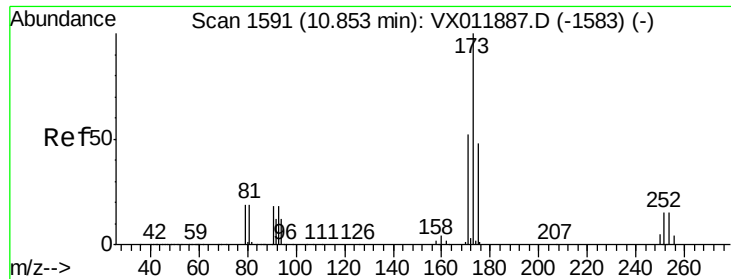
Tgt Ion:106 Resp: 121575
Ion Ratio Lower Upper
106 100
91 211.4 104.8 314.6



#70
Styrene
Concen: 22.087 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX011906.D
Acq: 30 Aug 2019 13:40

Tgt Ion:104 Resp: 215930
Ion Ratio Lower Upper
104 100
78 49.7 39.2 58.8
103 54.2 43.0 64.6





#71

Bromoform

Concen: 22.323 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX011906.D

Acq: 30 Aug 2019 13:40

Instrument :

MSVOA_X

ClientSampleId :

VX0830SBS01

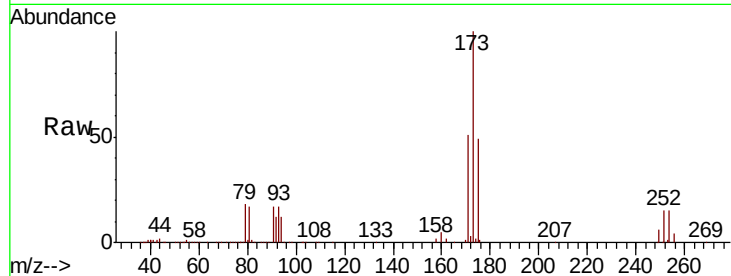
Tgt Ion:173 Resp: 55315

Ion Ratio Lower Upper

173 100

175 49.0 24.4 73.2

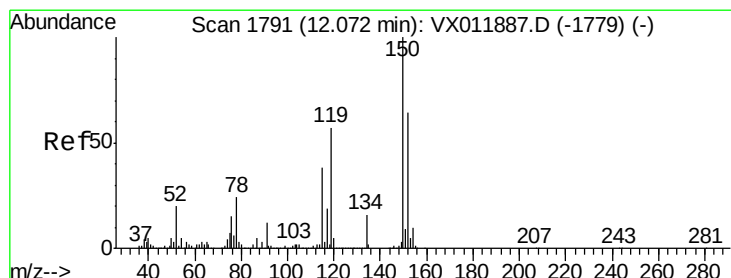
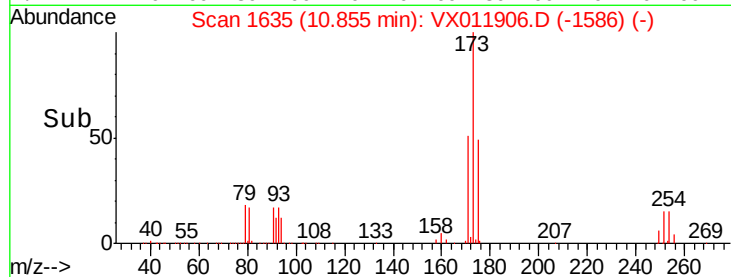
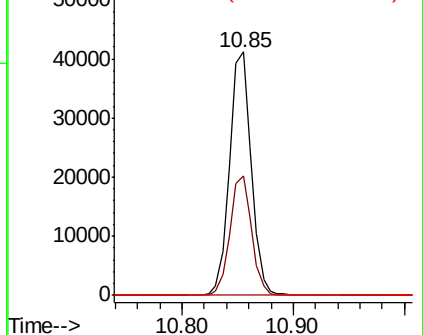
254 0.1 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX011906.D

Acq: 30 Aug 2019 13:40

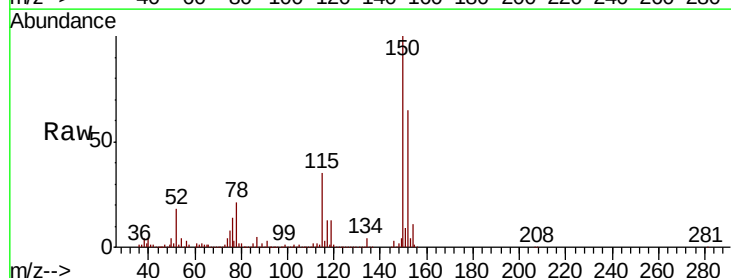
Tgt Ion:152 Resp: 265481

Ion Ratio Lower Upper

152 100

115 62.2 37.1 111.3

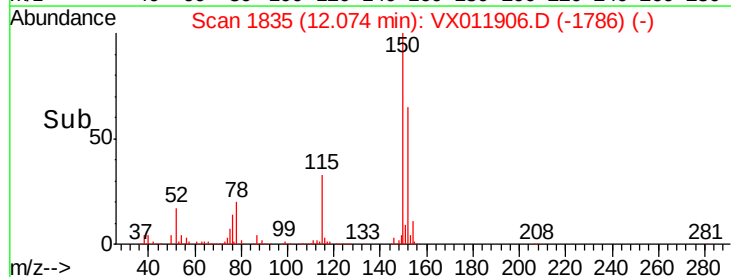
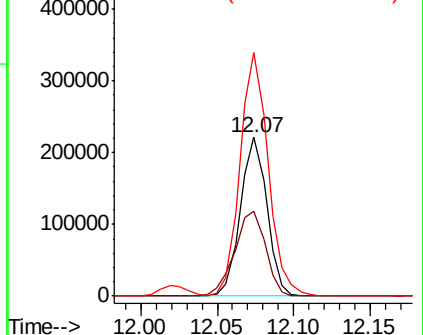
150 162.3 0.0 339.6

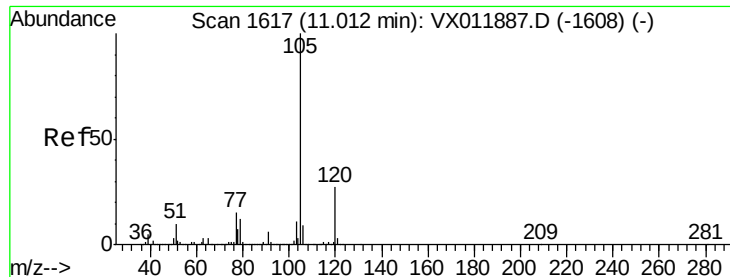


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.871 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX011906.D

Acq: 30 Aug 2019 13:40

Instrument :

MSVOA_X

ClientSampleId :

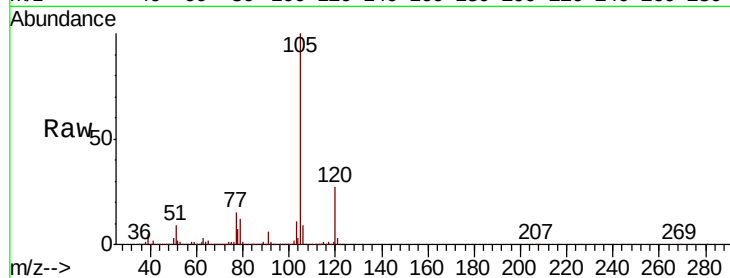
VX0830SBS01

Tgt Ion: 105 Resp: 333621

Ion Ratio Lower Upper

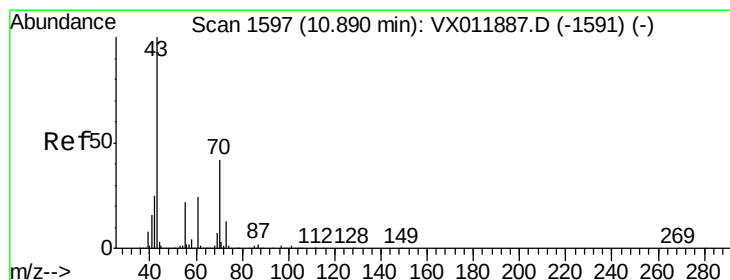
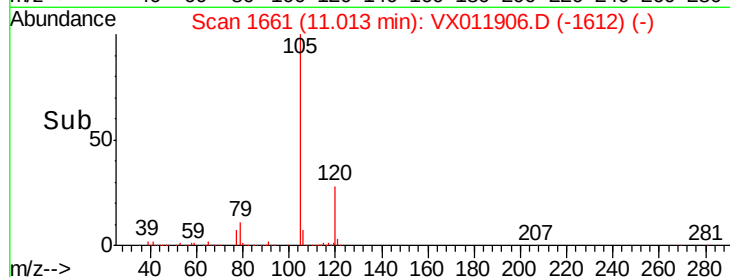
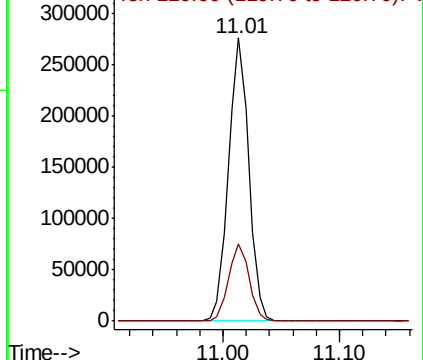
105 100

120 27.5 13.8 41.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.816 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX011906.D

Acq: 30 Aug 2019 13:40

Tgt Ion: 43 Resp: 98758

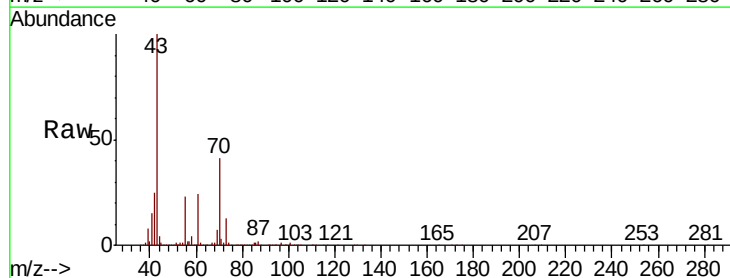
Ion Ratio Lower Upper

43 100

70 42.4 0.2 0.2#

55 22.4 0.1 0.1#

61 24.6 16.4 24.6#

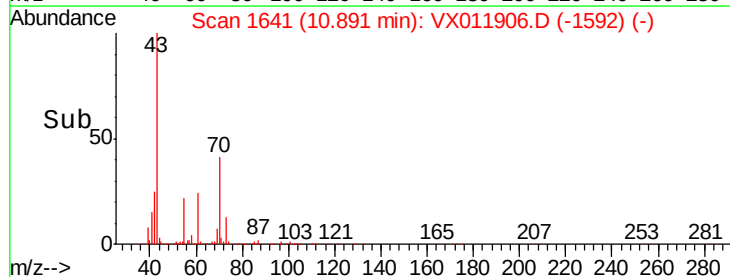
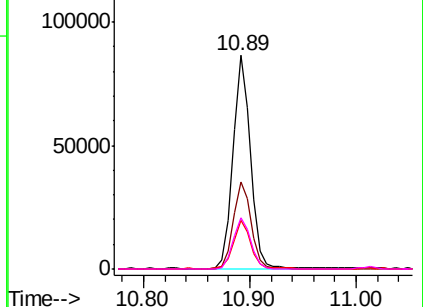


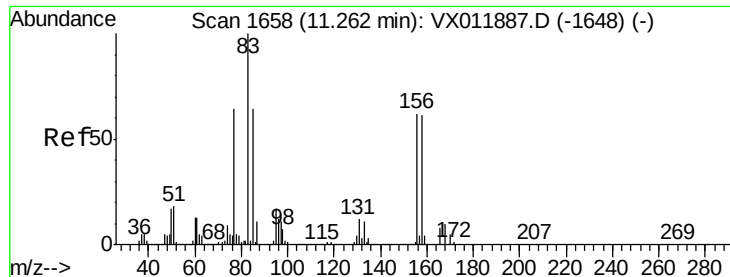
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 22.006 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX011906.D

Acq: 30 Aug 2019 13:40

Instrument :

MSVOA_X

ClientSampleId :

VX0830SBS01

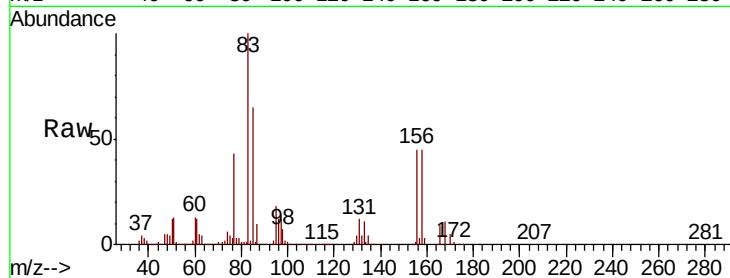
Tgt Ion: 83 Resp: 68698

Ion Ratio Lower Upper

83 100

131 12.3 6.0 18.0

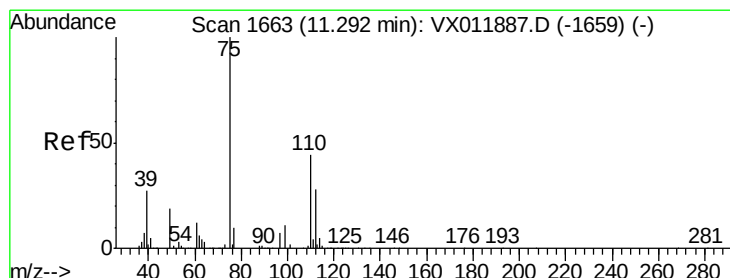
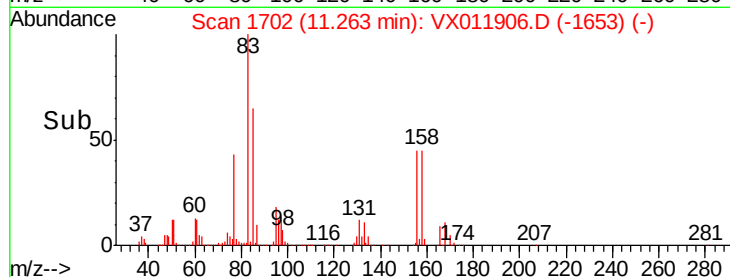
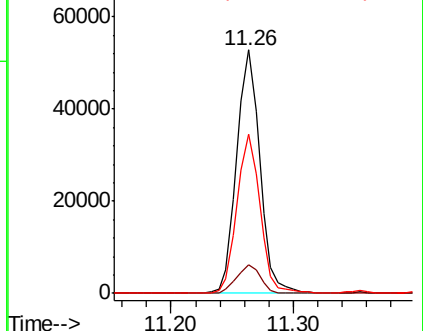
85 65.8 31.9 95.9



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: 28.492 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX011906.D

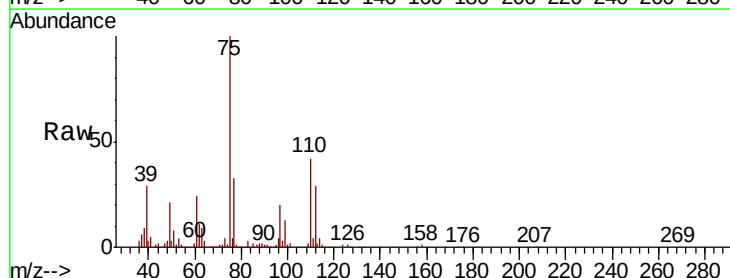
Acq: 30 Aug 2019 13:40

Tgt Ion: 75 Resp: 74408

Ion Ratio Lower Upper

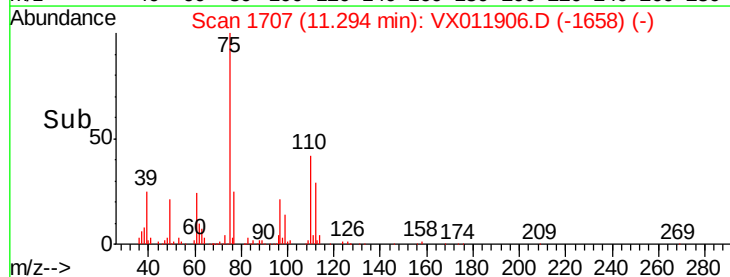
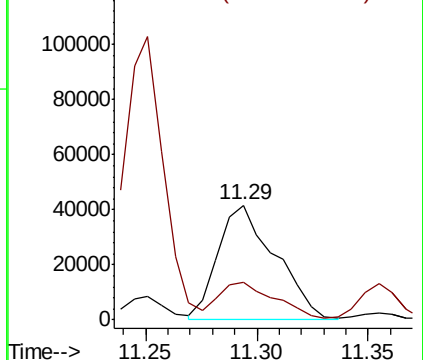
75 100

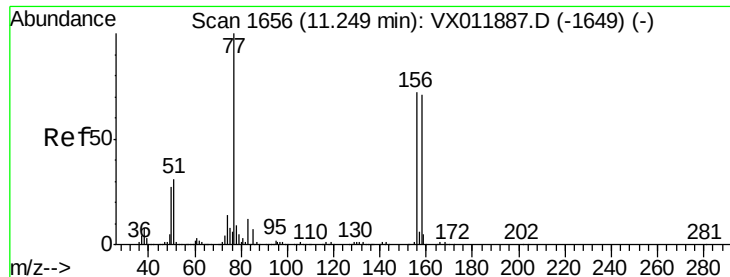
77 31.8 20.9 62.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 21.832 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX011906.D

Acq: 30 Aug 2019 13:40

Instrument :

MSVOA_X

ClientSampled :

VX0830SBS01

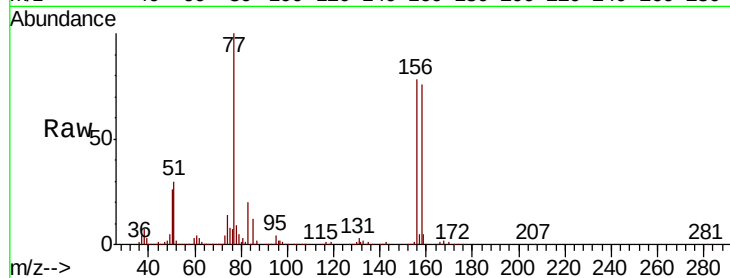
Tgt Ion:156 Resp: 96585

Ion Ratio Lower Upper

156 100

77 133.7 68.1 204.3

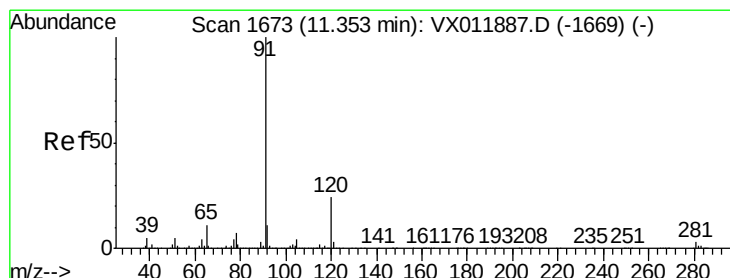
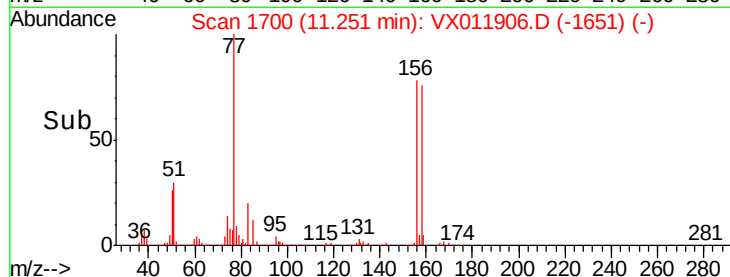
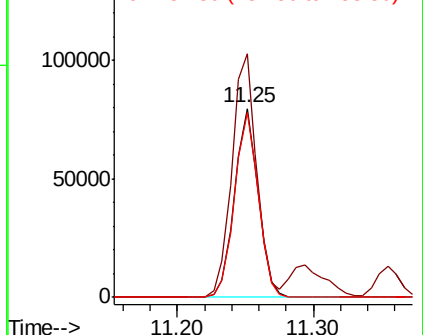
158 98.7 48.9 146.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.925 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX011906.D

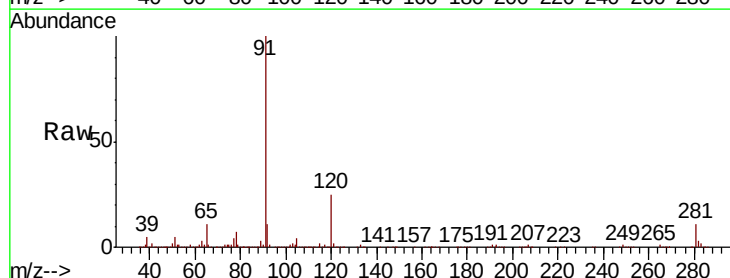
Acq: 30 Aug 2019 13:40

Tgt Ion: 91 Resp: 379249

Ion Ratio Lower Upper

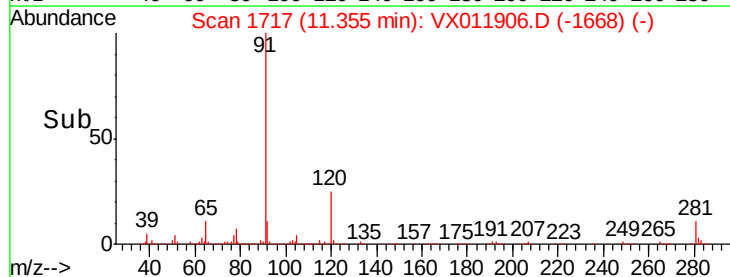
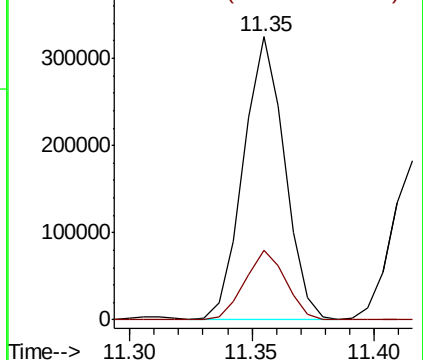
91 100

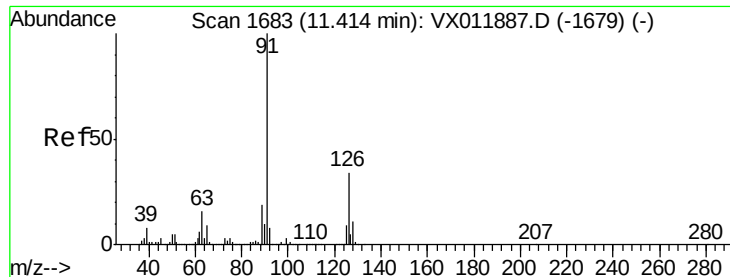
120 24.8 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

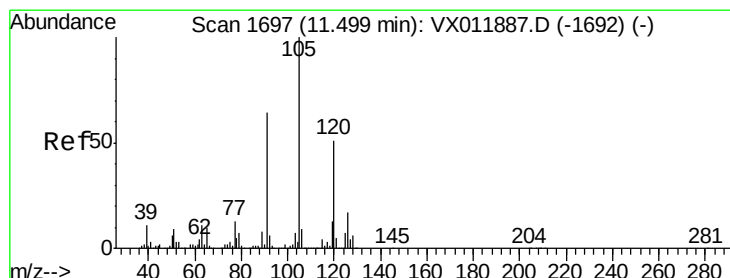
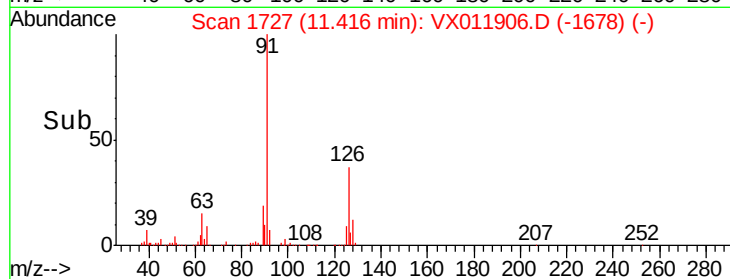
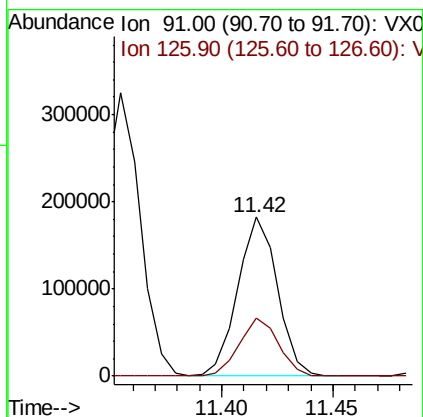
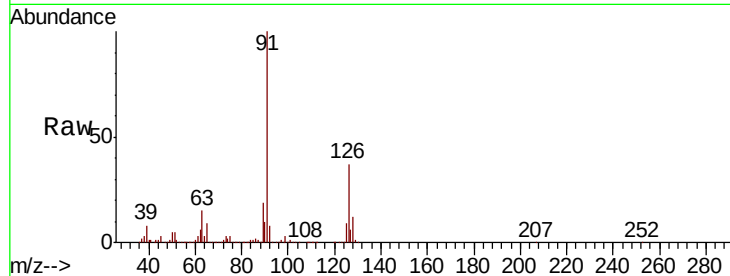




#79
 2-Chlorotoluene
 Concen: 21.689 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX011906.D
 Acq: 30 Aug 2019 13:40

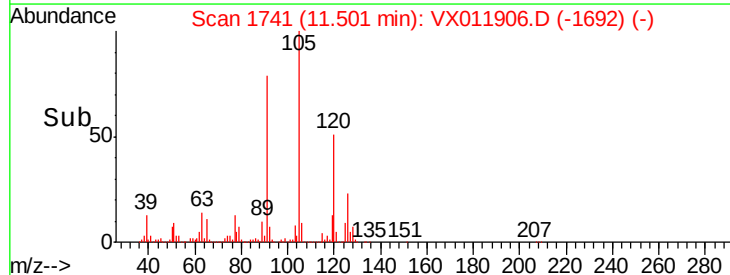
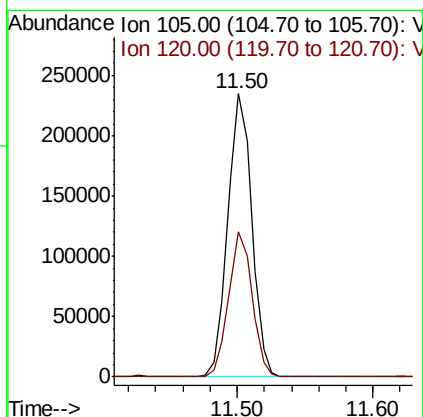
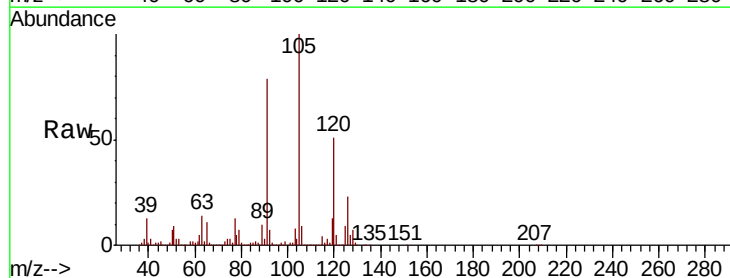
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0830SBS01

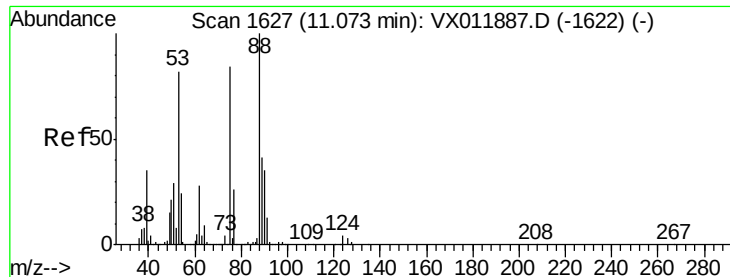
Tgt Ion: 91 Resp: 225820
 Ion Ratio Lower Upper
 91 100
 126 36.7 17.9 53.8



#80
 1,3,5-Trimethylbenzene
 Concen: 21.848 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX011906.D
 Acq: 30 Aug 2019 13:40

Tgt Ion: 105 Resp: 287663
 Ion Ratio Lower Upper
 105 100
 120 50.5 25.3 75.9





#81

trans-1,4-Dichloro-2-butene

Concen: 21.741 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX011906.D

Acq: 30 Aug 2019 13:40

Instrument :

MSVOA_X

ClientSampleId :

VX0830SBS01

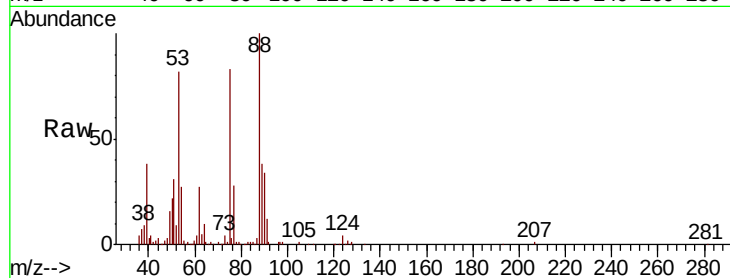
Tgt Ion: 75 Resp: 22601

Ion Ratio Lower Upper

75 100

53 95.4 77.1 115.7

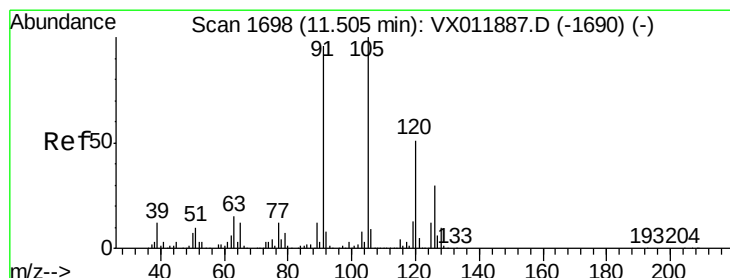
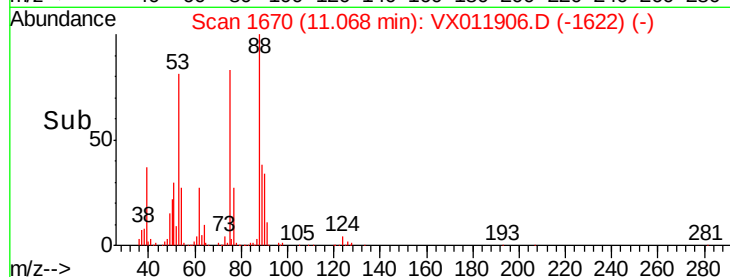
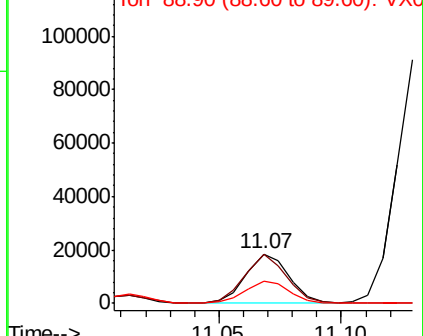
89 47.4 38.2 57.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 21.661 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX011906.D

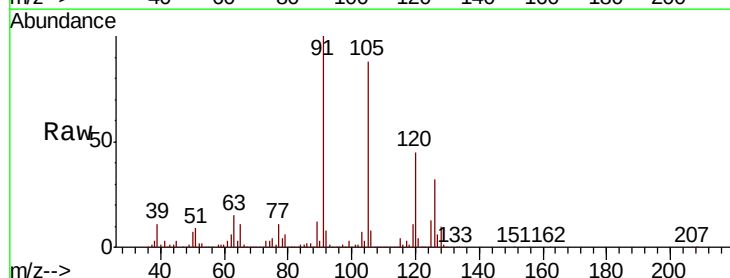
Acq: 30 Aug 2019 13:40

Tgt Ion: 91 Resp: 272078

Ion Ratio Lower Upper

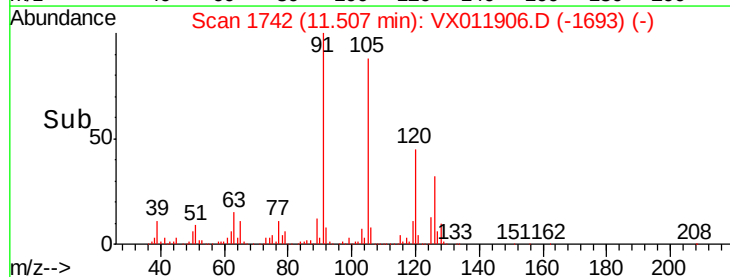
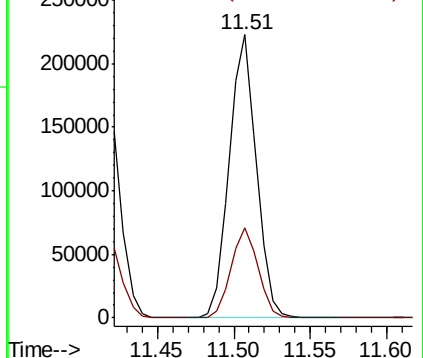
91 100

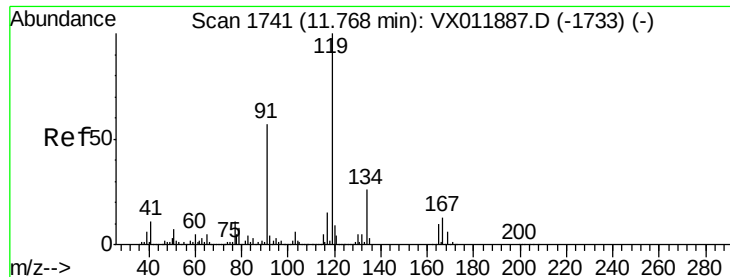
126 31.9 15.9 47.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

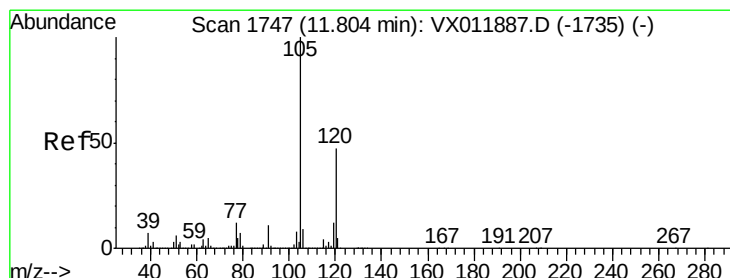
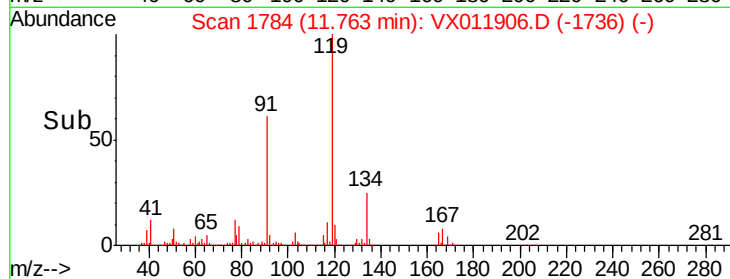
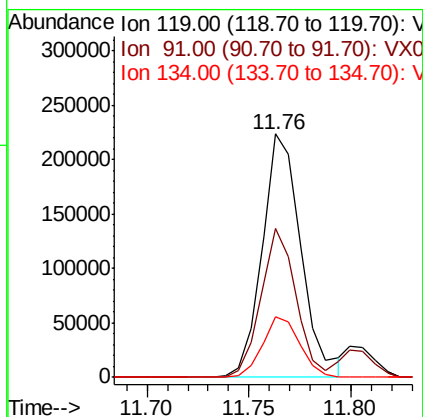
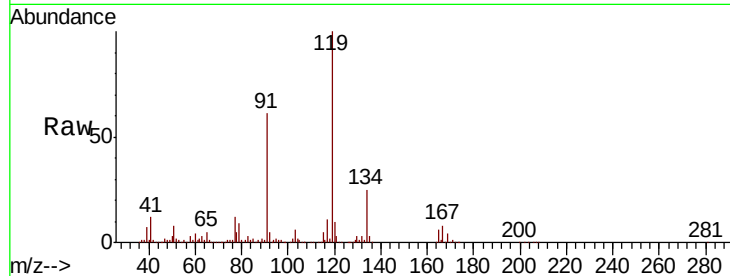




#83
 tert-Butylbenzene
 Concen: 22.200 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: VX011906.D
 Acq: 30 Aug 2019 13:40

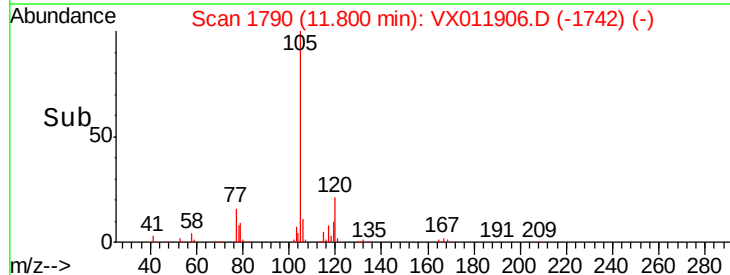
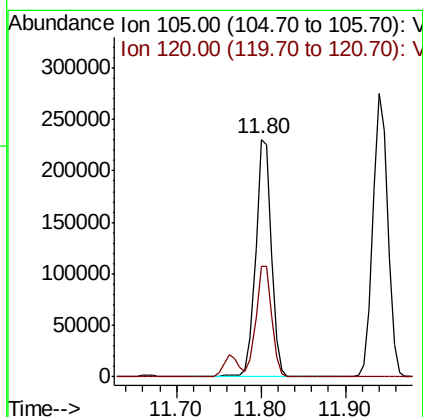
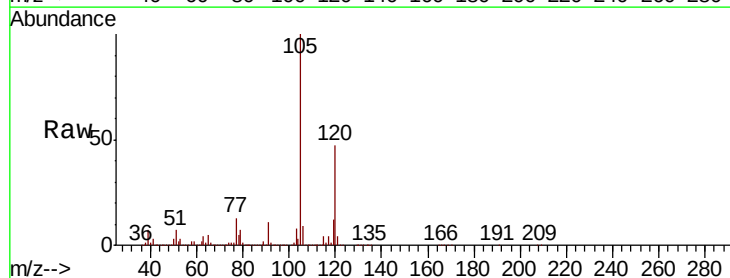
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0830SBS01

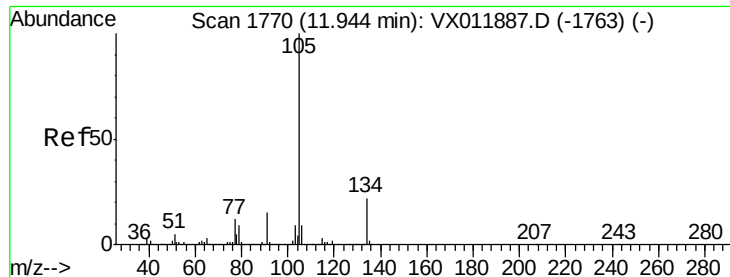
Tgt Ion:119 Resp: 296592
 Ion Ratio Lower Upper
 119 100
 91 55.5 27.9 83.6
 134 23.8 12.3 36.8



#84
 1,2,4-Trimethylbenzene
 Concen: 21.576 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX011906.D
 Acq: 30 Aug 2019 13:40

Tgt Ion:105 Resp: 291137
 Ion Ratio Lower Upper
 105 100
 120 46.7 23.4 70.3





#85

sec-Butylbenzene

Concen: 21.824 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX011906.D

Acq: 30 Aug 2019 13:40

Instrument :

MSVOA_X

ClientSampleId :

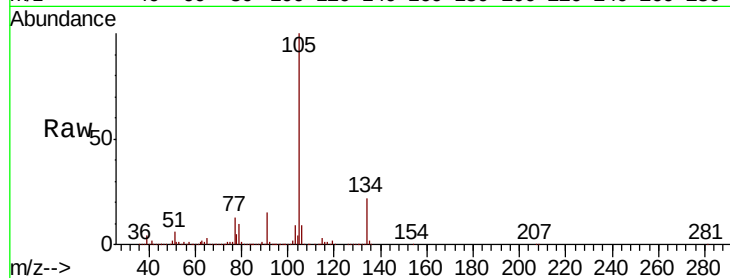
VX0830SBS01

Tgt Ion:105 Resp: 338665

Ion Ratio Lower Upper

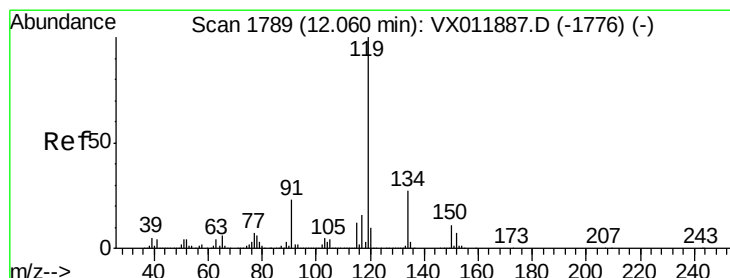
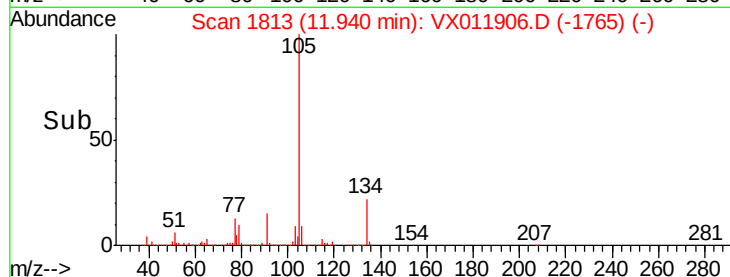
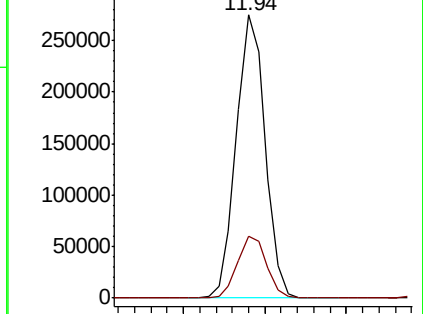
105 100

134 22.0 10.9 32.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.761 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX011906.D

Acq: 30 Aug 2019 13:40

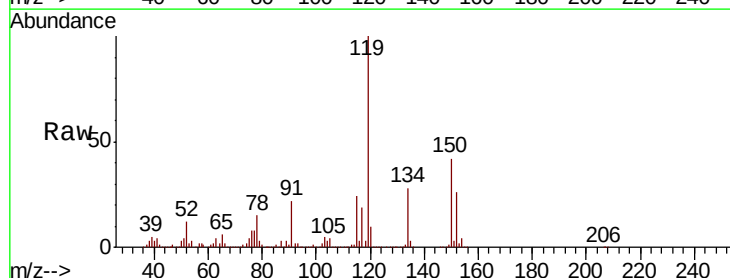
Tgt Ion:119 Resp: 327435

Ion Ratio Lower Upper

119 100

134 27.3 13.7 41.0

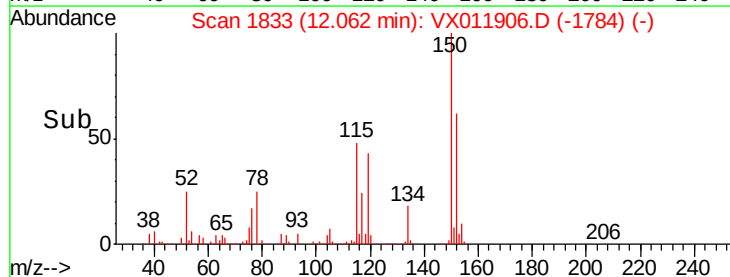
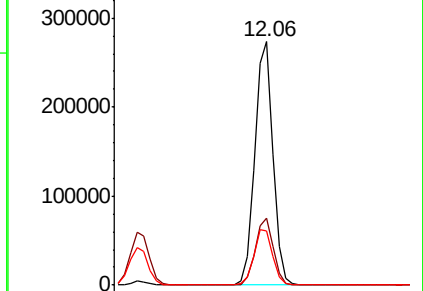
91 23.3 11.6 34.7

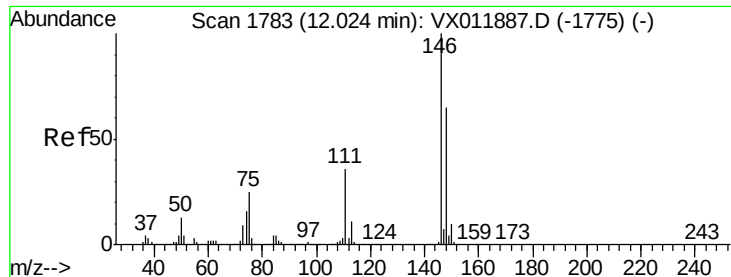


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

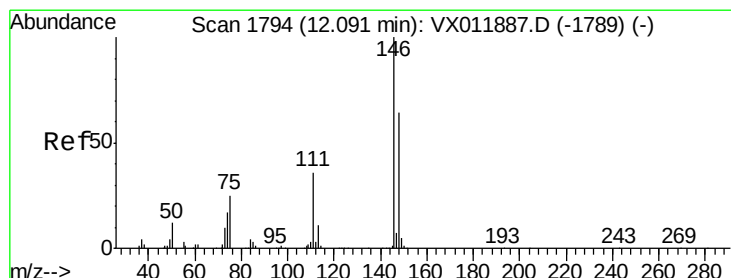
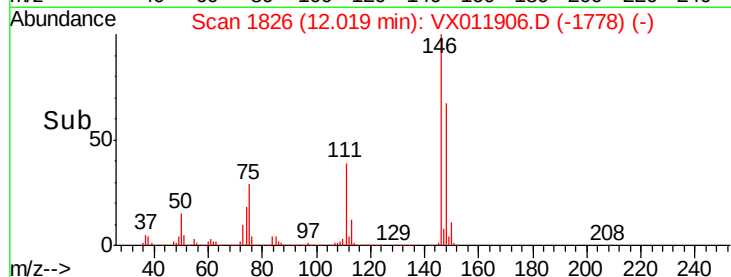
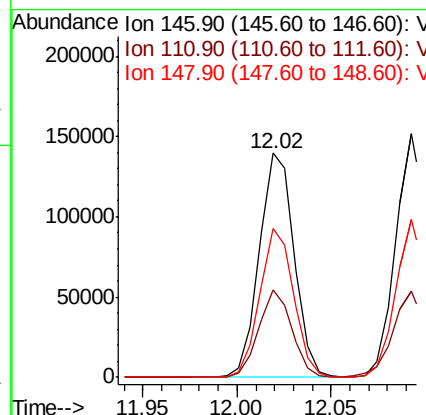
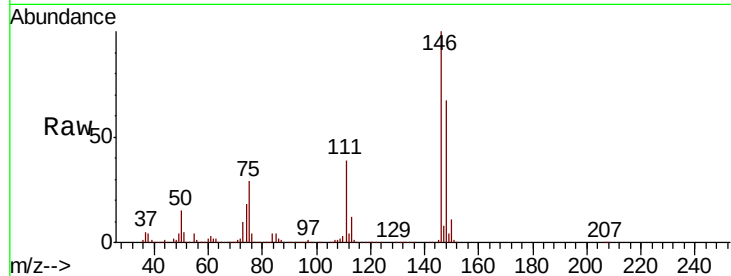




#87
 1,3-Dichlorobenzene
 Concen: 21.763 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX011906.D
 Acq: 30 Aug 2019 13:40

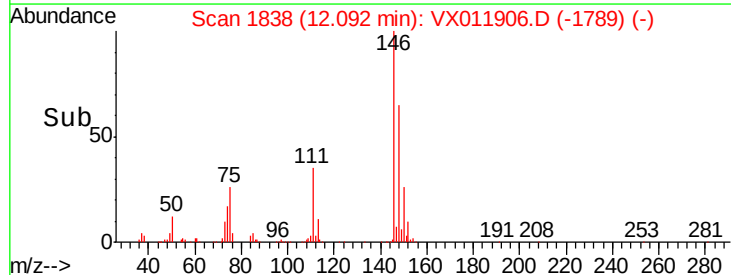
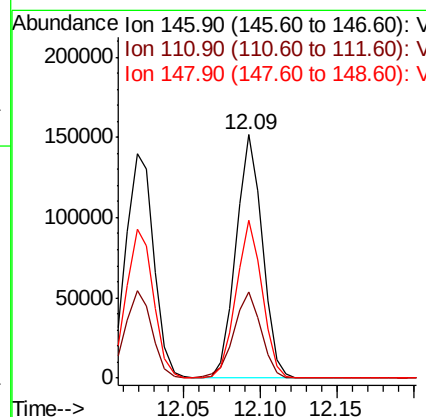
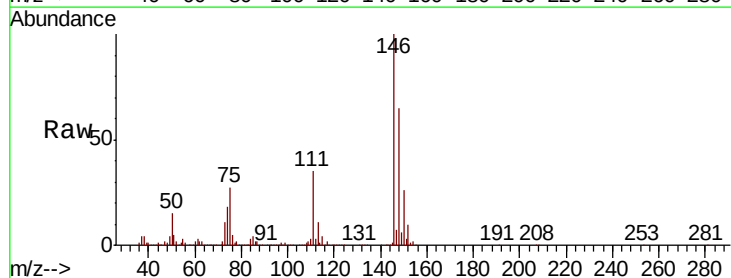
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0830SBS01

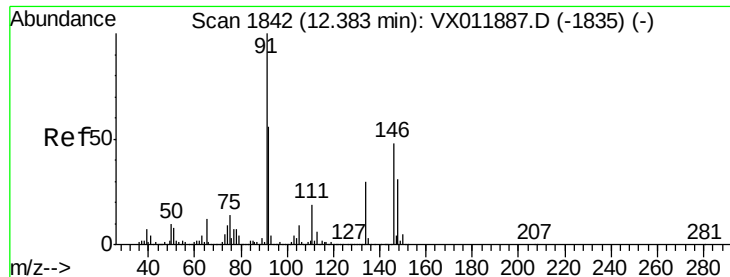
Tgt Ion:146 Resp: 178934
 Ion Ratio Lower Upper
 146 100
 111 37.3 18.4 55.2
 148 64.9 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 21.774 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX011906.D
 Acq: 30 Aug 2019 13:40

Tgt Ion:146 Resp: 180985
 Ion Ratio Lower Upper
 146 100
 111 36.8 17.9 53.7
 148 64.1 32.4 97.0





#89

n-Butylbenzene

Concen: 21.608 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX011906.D

Acq: 30 Aug 2019 13:40

Instrument :

MSVOA_X

ClientSampleId :

VX0830SBS01

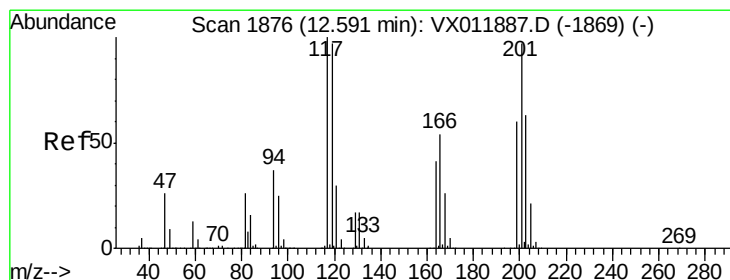
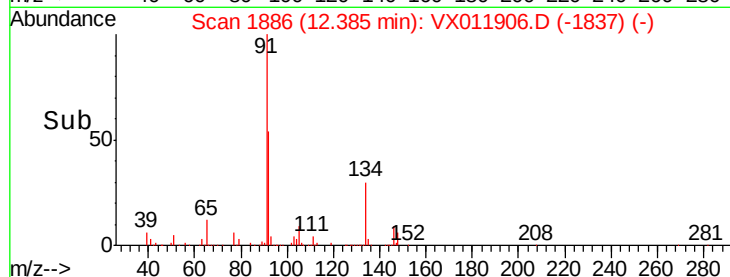
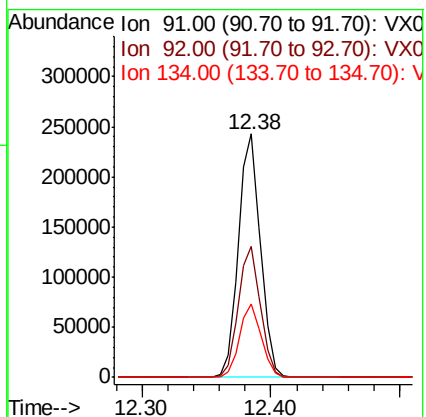
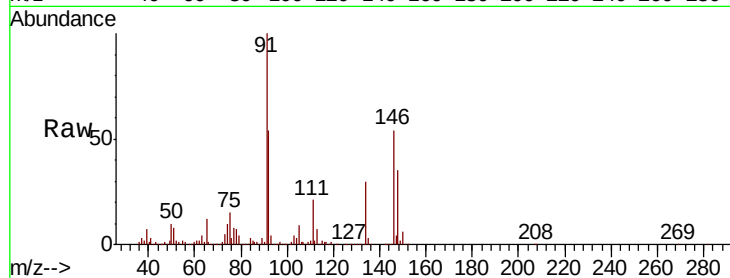
Tgt Ion: 91 Resp: 287659

Ion Ratio Lower Upper

91 100

92 54.2 27.6 82.8

134 29.9 14.8 44.3



#90

Hexachloroethane

Concen: 21.750 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX011906.D

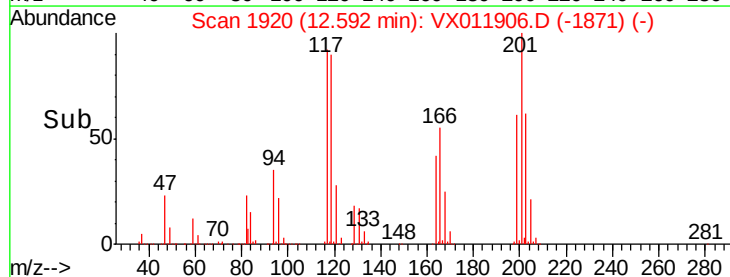
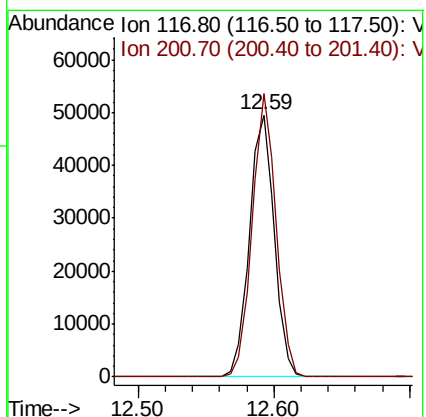
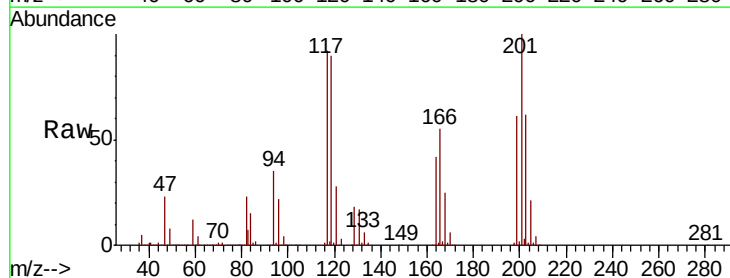
Acq: 30 Aug 2019 13:40

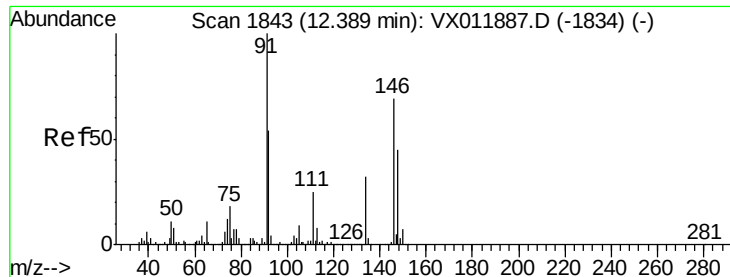
Tgt Ion: 117 Resp: 63316

Ion Ratio Lower Upper

117 100

201 104.1 52.8 158.5

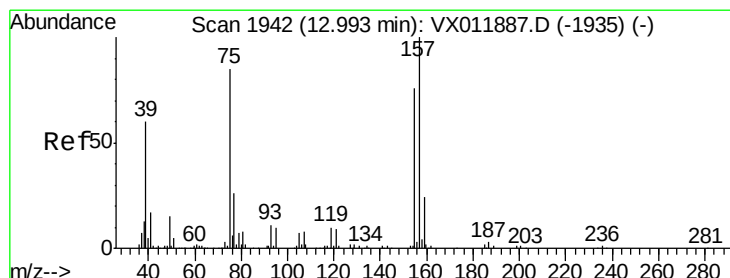
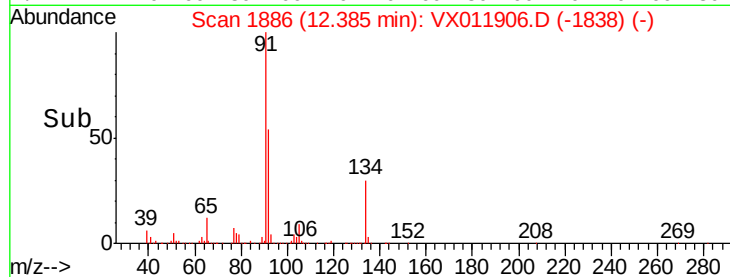
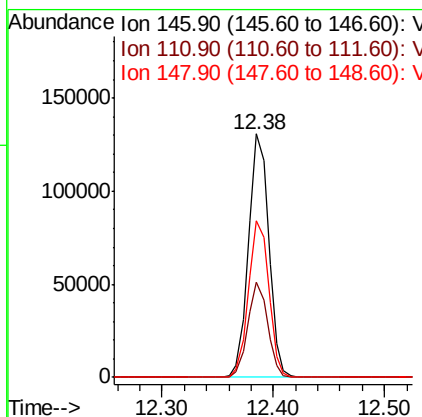
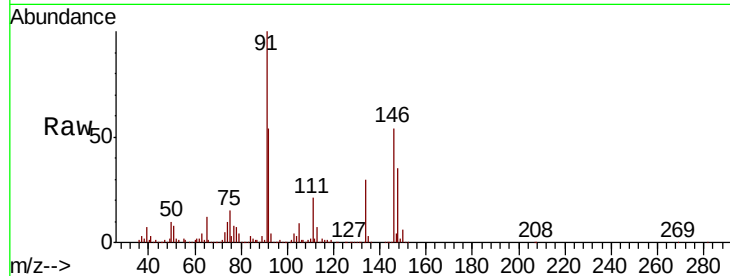




#91
 1,2-Dichlorobenzene
 Concen: 21.734 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX011906.D
 Acq: 30 Aug 2019 13:40

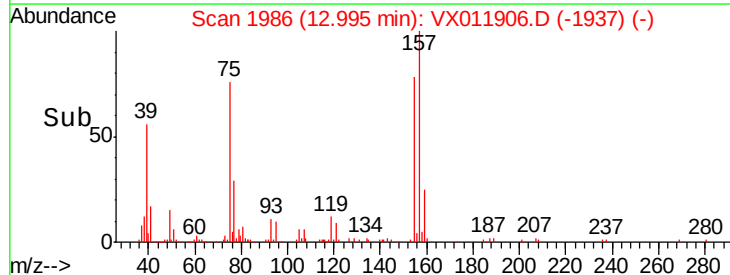
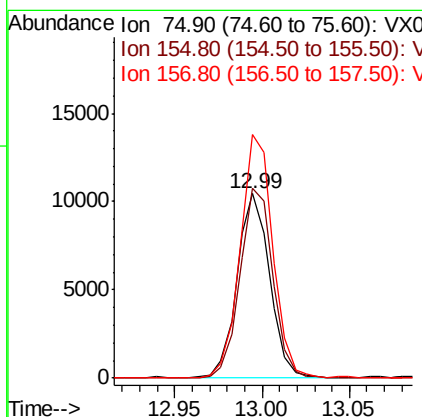
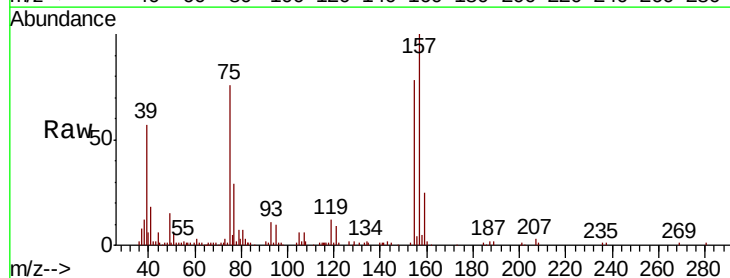
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0830SBS01

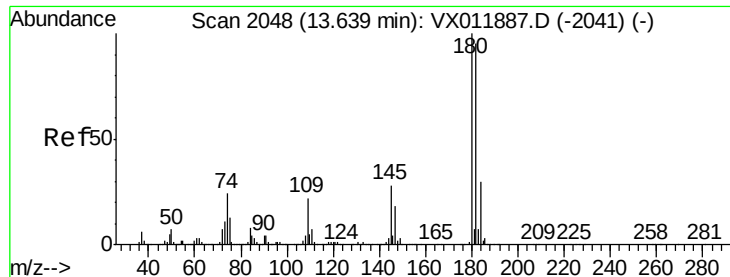
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.9	56.5
148	64.7	32.1	96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.762 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX011906.D
 Acq: 30 Aug 2019 13:40

Tgt Ion	Ratio	Lower	Upper
75	100		
155	103.4	50.1	150.4
157	132.0	63.9	191.7

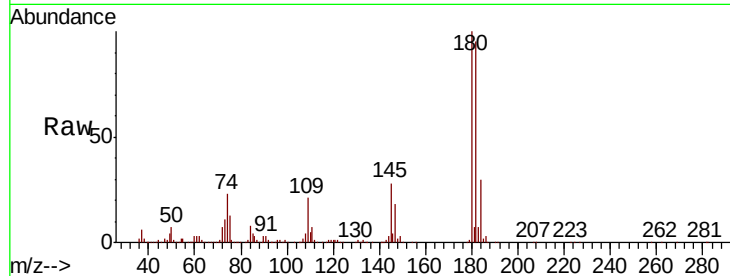




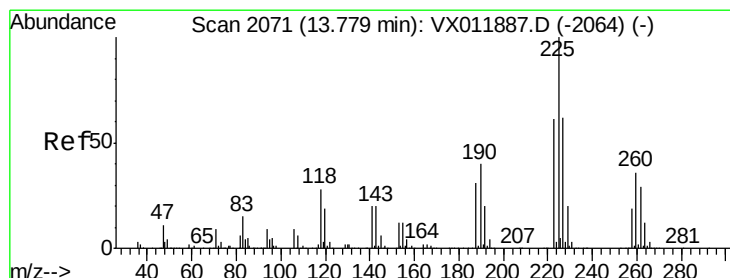
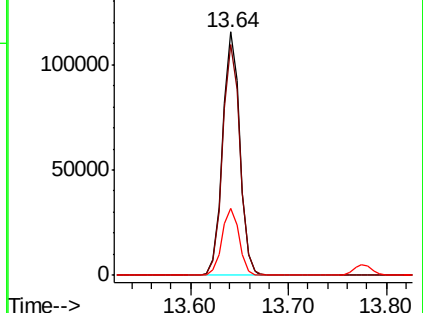
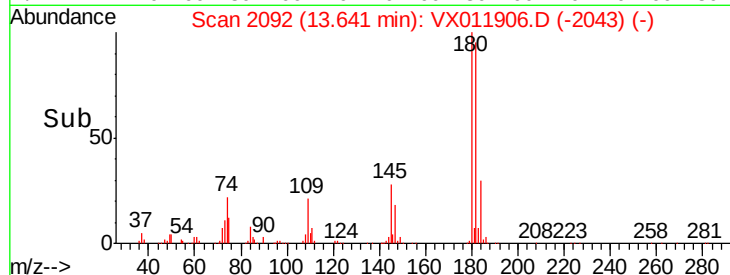
#93
 1,2,4-Trichlorobenzene
 Concen: 21.763 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX011906.D
 Acq: 30 Aug 2019 13:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0830SBS01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	48.1	144.4
145	27.5	13.8	41.3

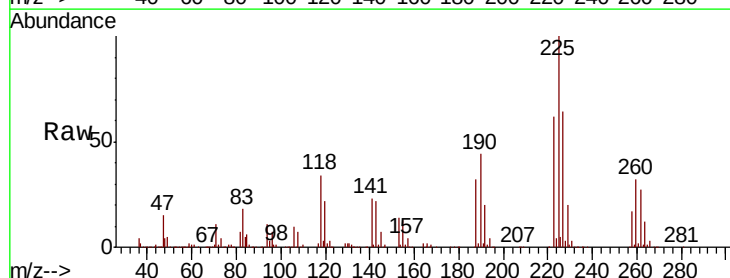


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

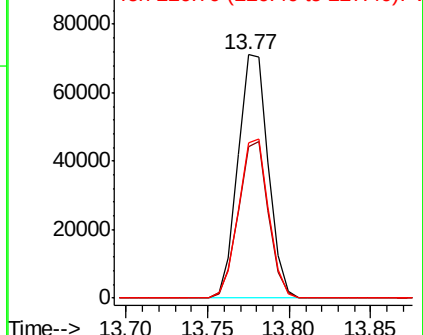
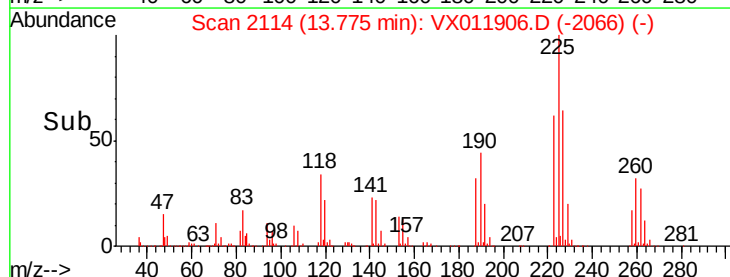


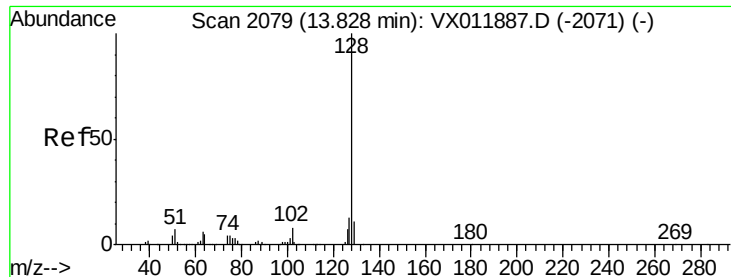
#94
 Hexachlorobutadiene
 Concen: 21.459 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX011906.D
 Acq: 30 Aug 2019 13:40

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	30.8	92.3
227	65.2	31.9	95.7



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





#95

Naphthalene

Concen: 21.672 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX011906.D

Acq: 30 Aug 2019 13:40

Instrument :

MSVOA_X

ClientSampleId :

VX0830SBS01

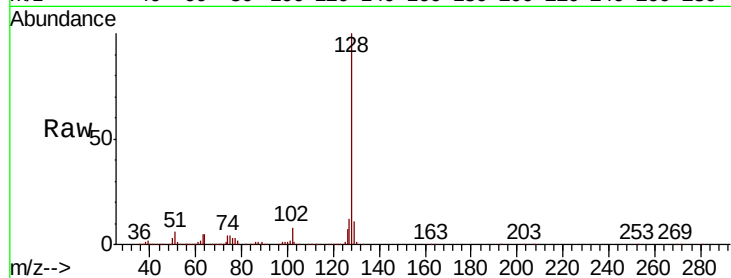
Tgt Ion:128 Resp: 239409

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

129 10.8 8.8 13.2

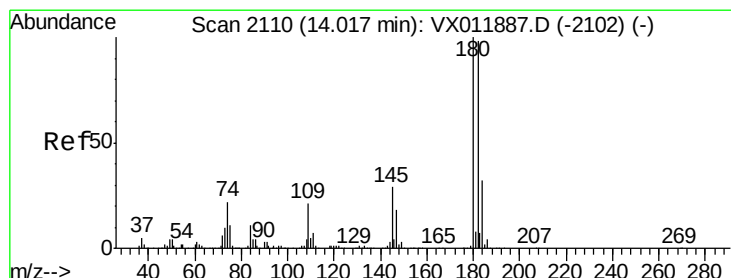
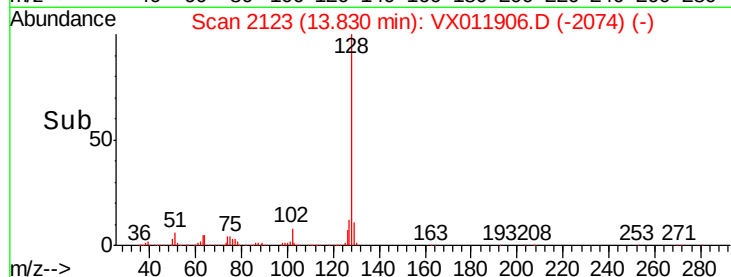
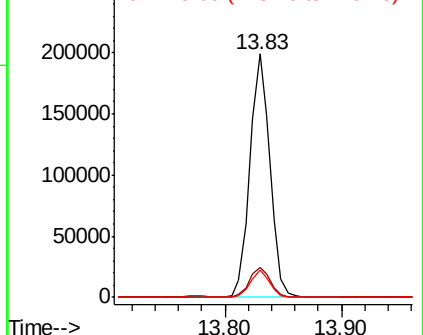


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 21.401 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. -0.00 min

Lab File: VX011906.D

Acq: 30 Aug 2019 13:40

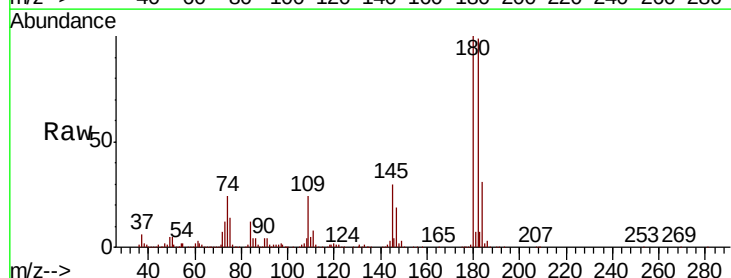
Tgt Ion:180 Resp: 124565

Ion Ratio Lower Upper

180 100

182 97.7 48.3 144.8

145 29.2 14.6 43.8



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

