

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082120\
 Data File : VX018053.D
 Acq On : 21 Aug 2020 13:05
 Operator : JC/SP
 Sample : VX0821WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBSD02

Quant Time: Aug 21 23:51:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	606428	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	970510	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	857543	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	458648	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	370785	44.04	ug/l	0.00
Spiked Amount			Recovery	=	88.08%	
35) Dibromofluoromethane	5.47	113	285580	43.21	ug/l	0.00
Spiked Amount			Recovery	=	86.42%	
50) Toluene-d8	8.70	98	1045229	42.46	ug/l	0.00
Spiked Amount			Recovery	=	84.92%	
62) 4-Bromofluorobenzene	11.12	95	385210	39.77	ug/l	0.00
Spiked Amount			Recovery	=	79.54%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	127819	17.312	ug/l	99
3) Chloromethane	1.31	50	123670	15.887	ug/l	96
4) Vinyl Chloride	1.39	62	126393	16.311	ug/l	97
5) Bromomethane	1.63	94	79173	21.183	ug/l	96
6) Chloroethane	1.72	64	77019	18.506	ug/l	98
7) Trichlorofluoromethane	1.92	101	188182	17.810	ug/l	99
8) Diethyl Ether	2.17	74	65999	18.419	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	95341	16.691	ug/l	98
10) Methyl Iodide	2.49	142	96262	19.372	ug/l	97
11) Tert butyl alcohol	3.02	59	123892	75.686	ug/l	98
12) 1,1-Dichloroethene	2.36	96	92699	15.642	ug/l	92
13) Acrolein	2.28	56	60935	89.777	ug/l	99
14) Allyl chloride	2.71	41	182281	17.120	ug/l	99
15) Acrylonitrile	3.11	53	315481	84.963	ug/l	99
16) Acetone	2.42	43	272817	83.164	ug/l	93
17) Carbon Disulfide	2.55	76	293261	16.369	ug/l	99
18) Methyl Acetate	2.75	43	134943	17.047	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	358023	17.616	ug/l	98
20) Methylene Chloride	2.83	84	120422	17.187	ug/l	94
21) trans-1,2-Dichloroethene	3.14	96	109805	16.724	ug/l	99
22) Diisopropyl ether	3.83	45	382562	18.205	ug/l	97
23) Vinyl Acetate	3.78	43	1677518	89.711	ug/l	100
24) 1,1-Dichloroethane	3.67	63	210122	17.565	ug/l	97
25) 2-Butanone	4.64	43	442000	81.984	ug/l	98
26) 2,2-Dichloropropane	4.55	77	186463	19.157	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	129277	17.089	ug/l	98
28) Bromochloromethane	4.98	49	102825	17.808	ug/l	97
29) Tetrahydrofuran	5.09	42	278152	81.046	ug/l	98
30) Chloroform	5.17	83	207731	16.771	ug/l	100
31) Cyclohexane	5.55	56	186573	18.515	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	192908	16.971	ug/l	99
36) 1,1-Dichloropropene	5.77	75	154334	17.241	ug/l	99
37) Ethyl Acetate	4.79	43	178934	17.211	ug/l	99
38) Carbon Tetrachloride	5.75	117	171841	17.034	ug/l	99

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Quant Time: Aug 21 23:51:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	169305	17.297	ug/l	97
40) Benzene	6.11	78	453168	17.229	ug/l	98
41) Methacrylonitrile	5.00	41	93446	16.370	ug/l	98
42) 1,2-Dichloroethane	6.16	62	168998	16.770	ug/l	99
43) Isopropyl Acetate	6.41	43	293241	17.463	ug/l	100
44) Trichloroethene	7.19	130	127105	17.102	ug/l	94
45) 1,2-Dichloropropane	7.49	63	117738	16.608	ug/l	93
46) Dibromomethane	7.64	93	82080	16.465	ug/l	98
47) Bromodichloromethane	7.87	83	164918	16.568	ug/l	99
48) Methyl methacrylate	7.74	41	131361	15.714	ug/l	99
49) 1,4-Dioxane	7.71	88	44630	294.737	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	914209	88.135	ug/l	99
52) Toluene	8.76	92	292595	17.543	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	191873	17.393	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	213165	18.240	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	119979	16.867	ug/l	99
56) Ethyl methacrylate	9.16	69	176995	16.738	ug/l	99
57) 1,3-Dichloropropane	9.35	76	202036	17.220	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	435641	91.579	ug/l	99
59) 2-Hexanone	9.47	43	619492	78.542	ug/l	99
60) Dibromochloromethane	9.57	129	138051	16.544	ug/l	99
61) 1,2-Dibromoethane	9.65	107	122767	15.897	ug/l	99
64) Tetrachloroethene	9.32	164	118431	18.793	ug/l	89
65) Chlorobenzene	10.12	112	294223	17.179	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	118477	17.551	ug/l	99
67) Ethyl Benzene	10.23	91	512103	17.582	ug/l	100
68) m/p-Xylenes	10.34	106	416258	38.290	ug/l	99
69) o-Xylene	10.68	106	190716	18.097	ug/l	100
70) Styrene	10.70	104	327191	18.231	ug/l	99
71) Bromoform	10.84	173	105240	18.278	ug/l	96
73) Isopropylbenzene	11.00	105	517238	17.097	ug/l	98
74) N-amyl acetate	10.88	43	238148	16.591	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	169250	15.859	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	206363	20.226	ug/l	86
77) Bromobenzene	11.24	156	138772	16.595	ug/l	99
78) n-propylbenzene	11.34	91	597184	17.385	ug/l	99
79) 2-Chlorotoluene	11.40	91	363820	17.143	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	446699	17.968	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	64853	17.168	ug/l	97
82) 4-Chlorotoluene	11.49	91	424286	16.817	ug/l	99
83) tert-Butylbenzene	11.76	119	442166	18.023	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	475736	18.717	ug/l	100
85) sec-Butylbenzene	11.93	105	521310	18.685	ug/l	99
86) p-Isopropyltoluene	12.05	119	483754	18.876	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	256272	17.455	ug/l	96
88) 1,4-Dichlorobenzene	12.09	146	253396	17.237	ug/l	98
89) n-Butylbenzene	12.37	91	432491	18.490	ug/l	99
90) Hexachloroethane	12.58	117	89136	17.678	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	240451	17.398	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	41694	15.625	ug/l	96

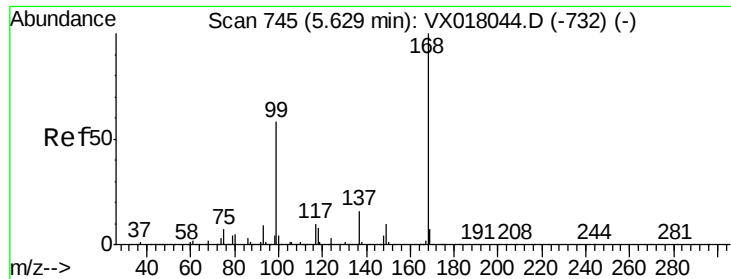
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082120\
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Quant Title : SW846 8260
QLast Update : Fri Aug 21 03:03:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	162002	17.578	ug/l	99
94) Hexachlorobutadiene	13.77	225	62198	17.110	ug/l	95
95) Naphthalene	13.82	128	519255	17.120	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	160431	17.617	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX018053.D

Acq: 21 Aug 2020 13:05

Instrument :

MSVOA_X

ClientSampleId :

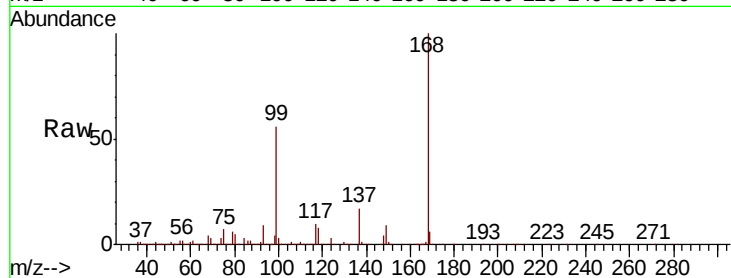
VX0821WBSD02

Tot Ion:168 Resp: 606428

Ion Ratio Lower Upper

168 100

99 55.8 46.3 69.5



Abundance Ion 167.90 (167.60 to 168.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

5.63

250000

200000

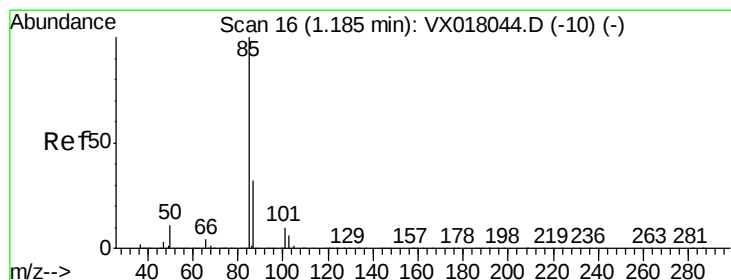
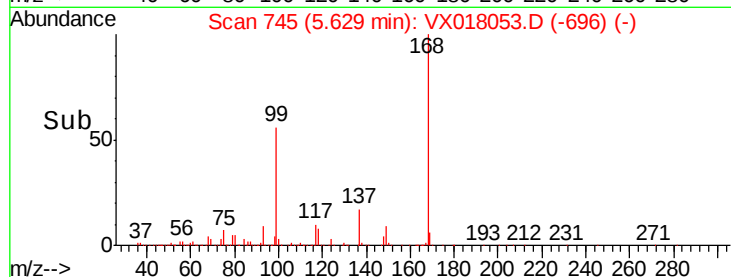
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 17.312 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018053.D

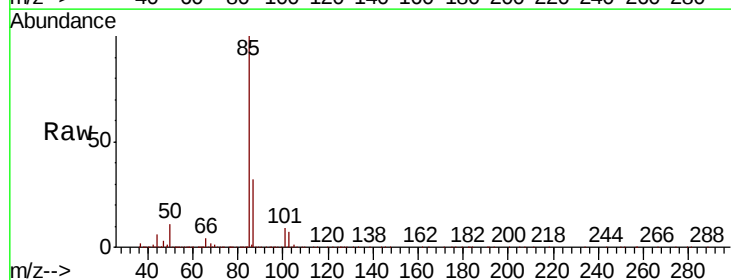
Acq: 21 Aug 2020 13:05

Tgt Ion: 85 Resp: 127819

Ion Ratio Lower Upper

85 100

87 31.5 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

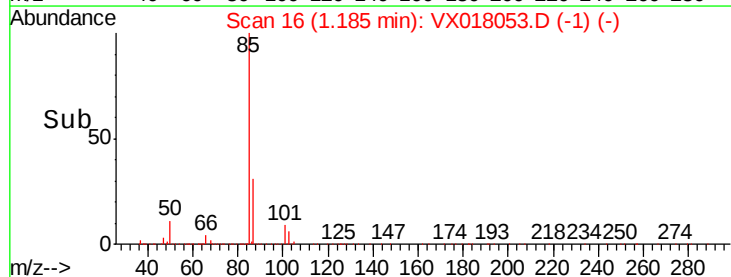
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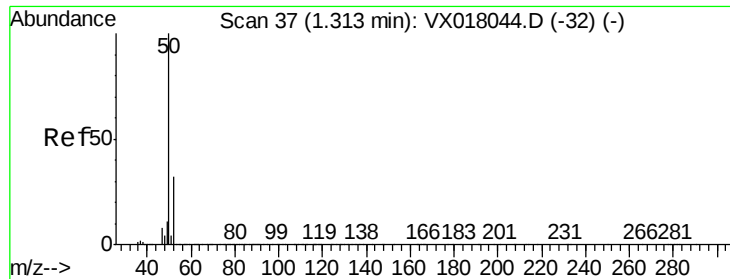
100000

50000

0

Time-->





#3

Chloromethane

Concen: 15.887 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018053.D

Acq: 21 Aug 2020 13:05

Instrument :

MSVOA_X

ClientSampleId :

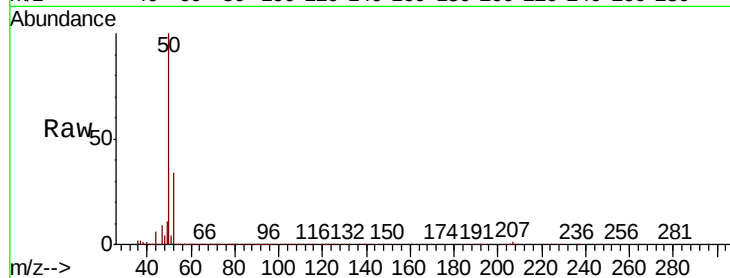
VX0821WBSD02

Tot Ion: 50 Resp: 123670

Ion Ratio Lower Upper

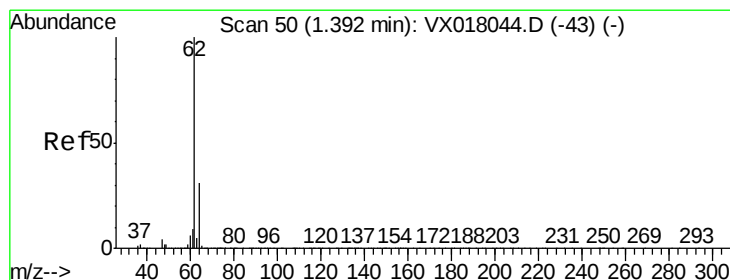
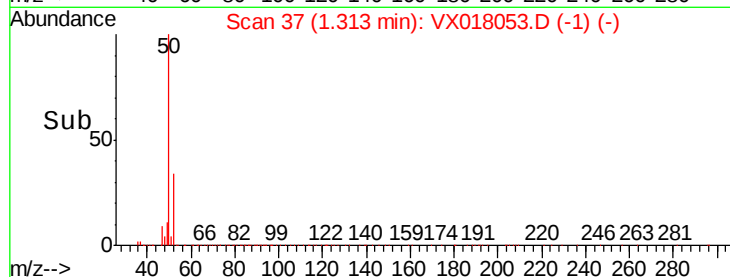
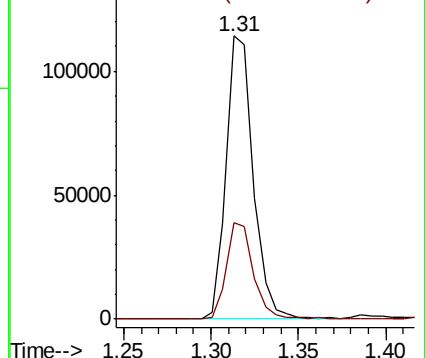
50 100

52 34.1 25.4 38.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 16.311 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018053.D

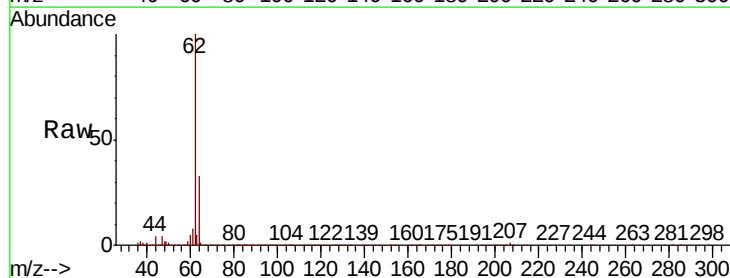
Acq: 21 Aug 2020 13:05

Tgt Ion: 62 Resp: 126393

Ion Ratio Lower Upper

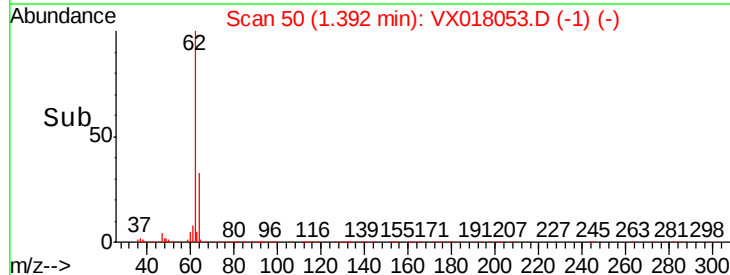
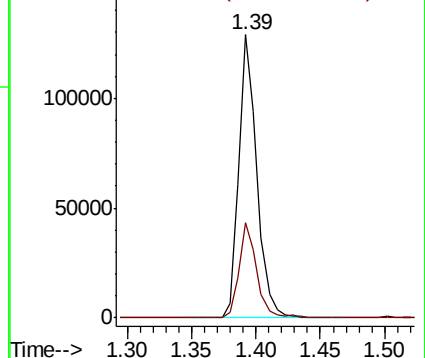
62 100

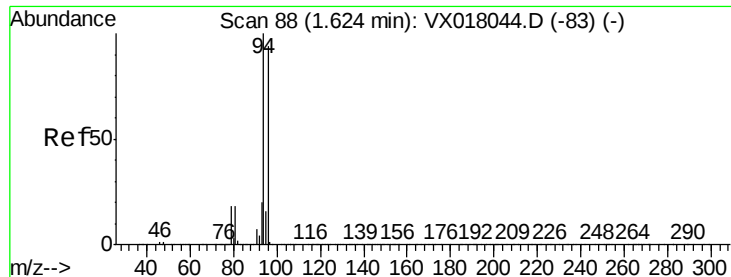
64 33.3 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 21.183 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX018053.D

Acq: 21 Aug 2020 13:05

Instrument :

MSVOA_X

ClientSampleId :

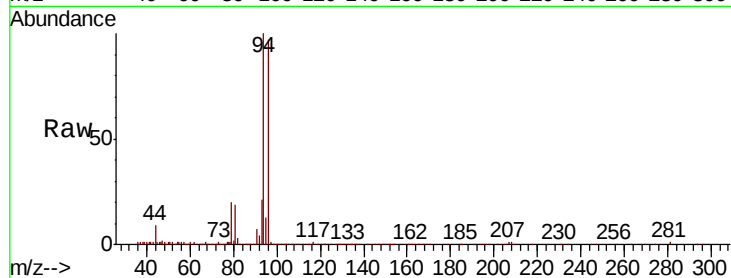
VX0821WBSD02

Tot Ion: 94 Resp: 79173

Ion Ratio Lower Upper

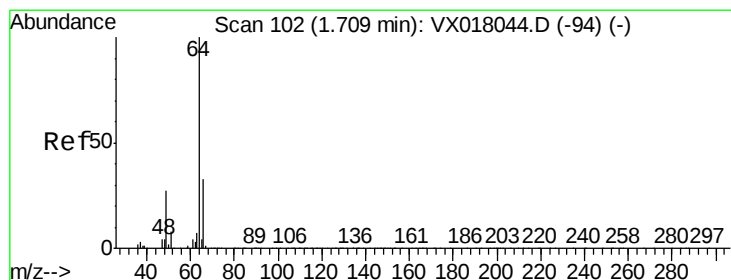
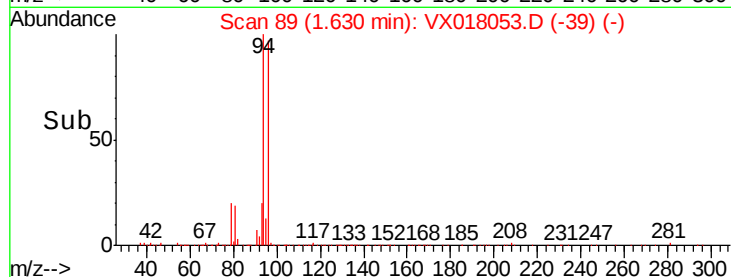
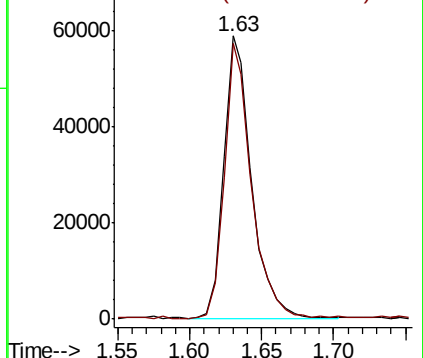
94 100

96 97.4 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 18.506 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX018053.D

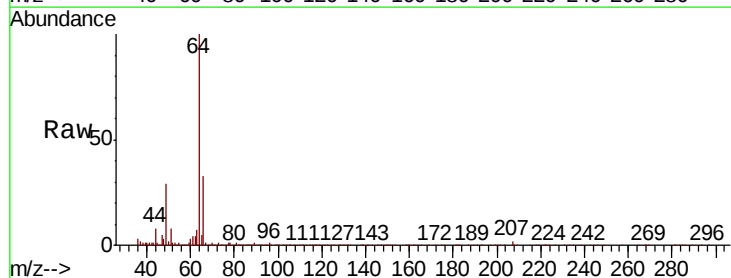
Acq: 21 Aug 2020 13:05

Tgt Ion: 64 Resp: 77019

Ion Ratio Lower Upper

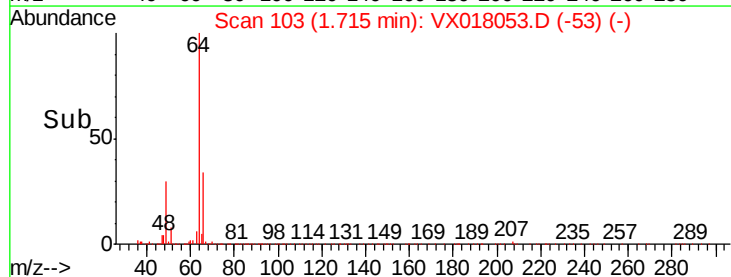
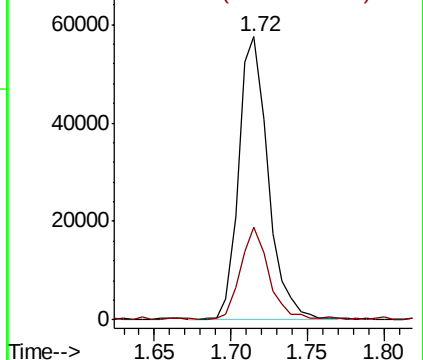
64 100

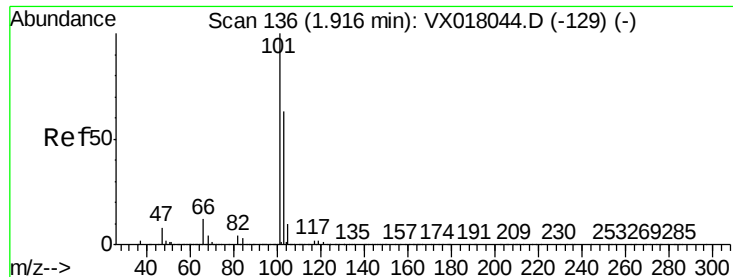
66 32.2 26.6 39.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



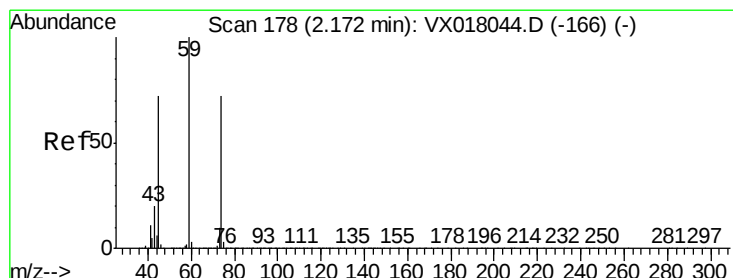
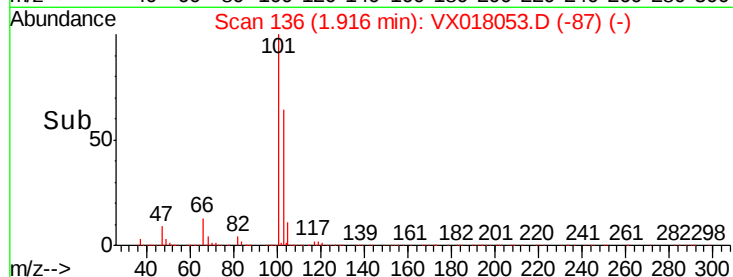
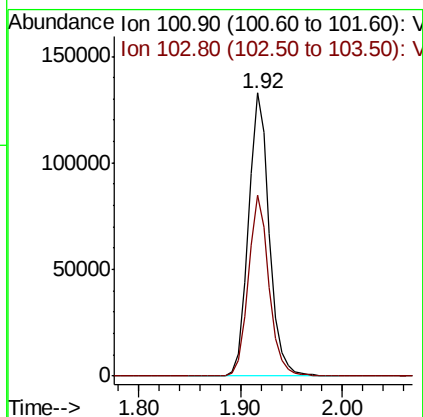
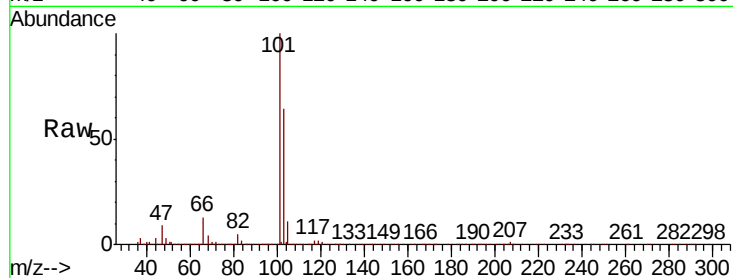


#7

Trichlorofluoromethane
 Concen: 17.810 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. -0.00 min
 Lab File: VX018053.D
 Acq: 21 Aug 2020 13:05

Instrument :
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 VX0821WBSD02

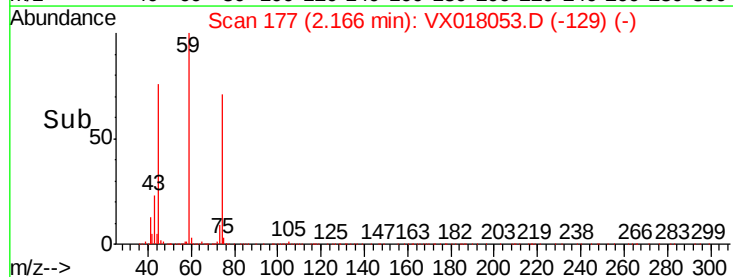
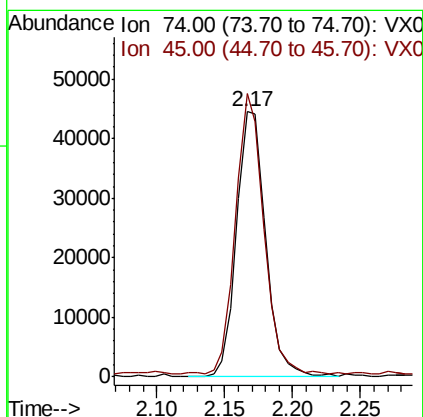
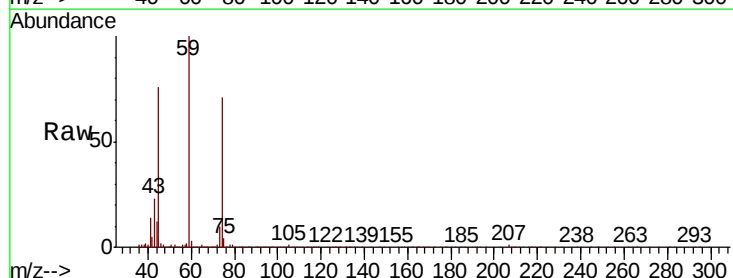
Tot Ion:101 Resp: 188182
 Ion Ratio Lower Upper
 101 100
 103 64.1 50.7 76.1

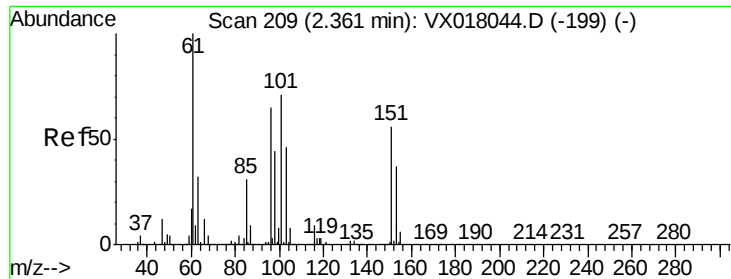


#8

Diethyl Ether
 Concen: 18.419 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.01 min
 Lab File: VX018053.D
 Acq: 21 Aug 2020 13:05

Tgt Ion: 74 Resp: 65999
 Ion Ratio Lower Upper
 74 100
 45 103.6 50.7 152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.691 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX018053.D

Acq: 21 Aug 2020 13:05

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBSD02

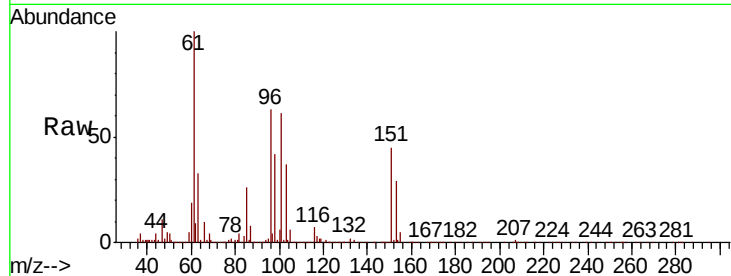
Tot Ion:101 Resp: 95341

Ion Ratio Lower Upper

101 100

85 45.4 34.0 51.0

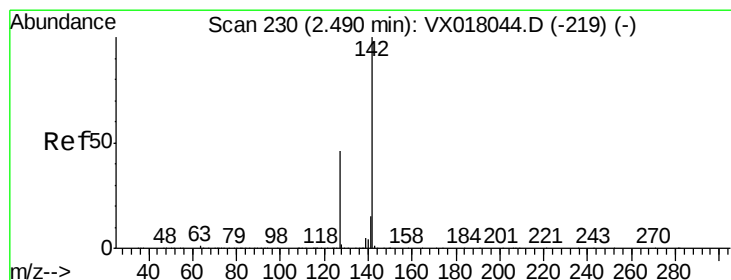
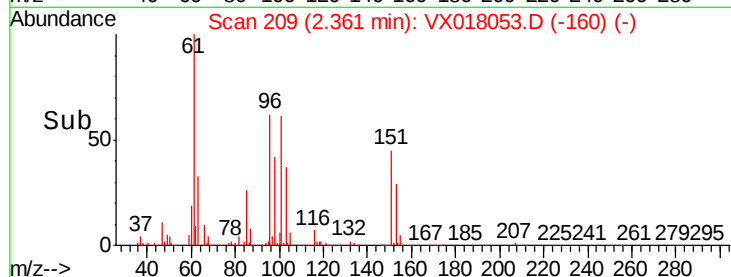
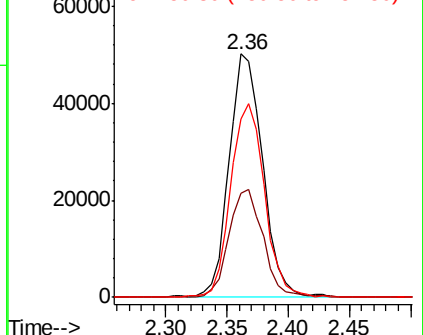
151 80.4 65.2 97.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.372 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX018053.D

Acq: 21 Aug 2020 13:05

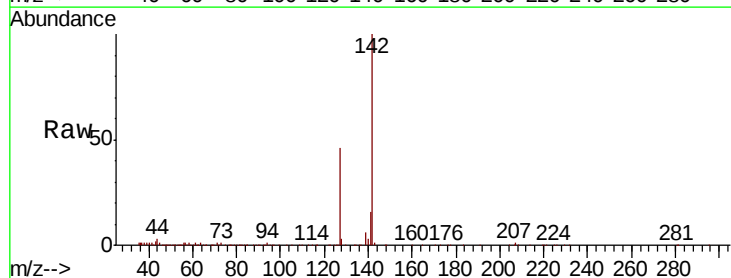
Tgt Ion:142 Resp: 96262

Ion Ratio Lower Upper

142 100

127 44.0 37.0 55.6

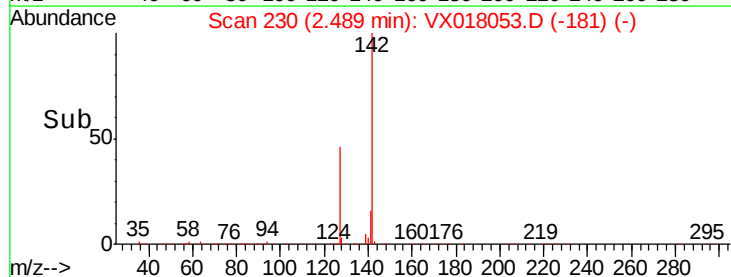
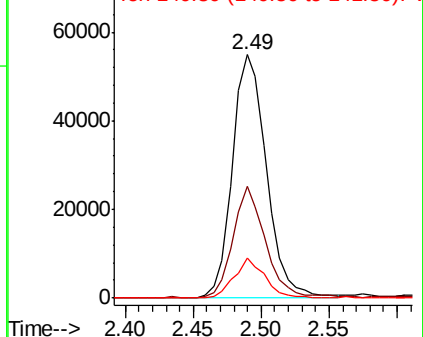
141 14.7 11.5 17.3

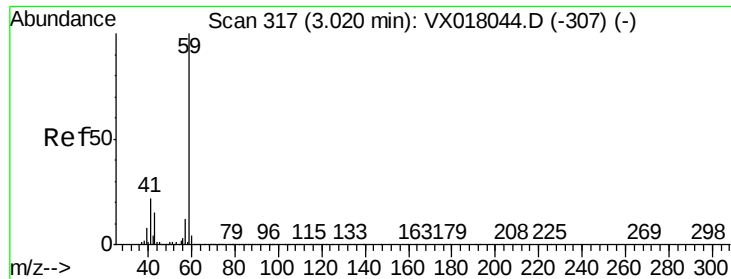


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



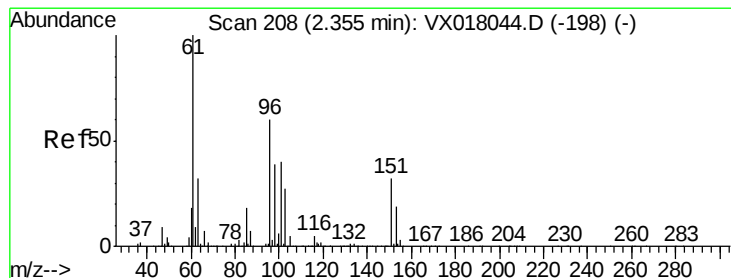
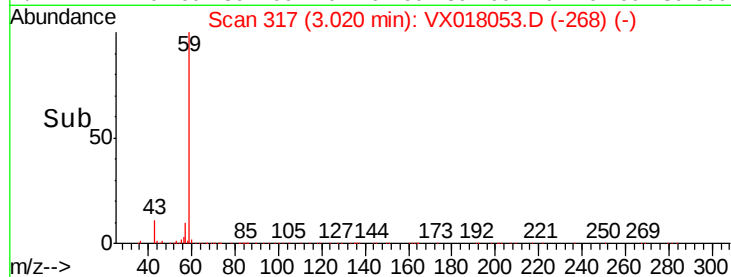
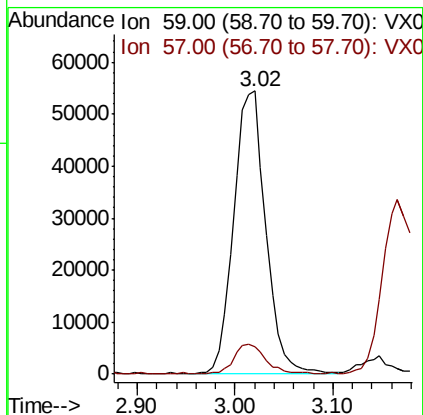
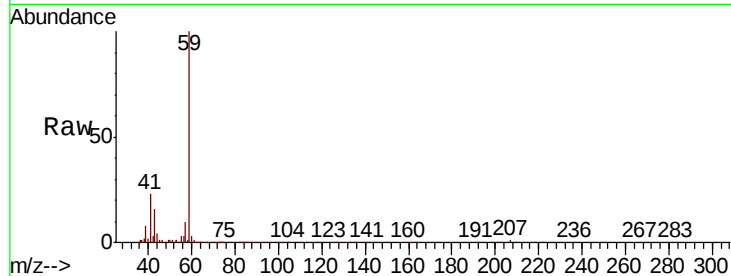


#11

Tert butyl alcohol
Concen: 75.686 ug/l
RT: 3.02 min Scan# 317
Delta R.T. -0.00 min
Lab File: VX018053.D
Acq: 21 Aug 2020 13:05

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD02

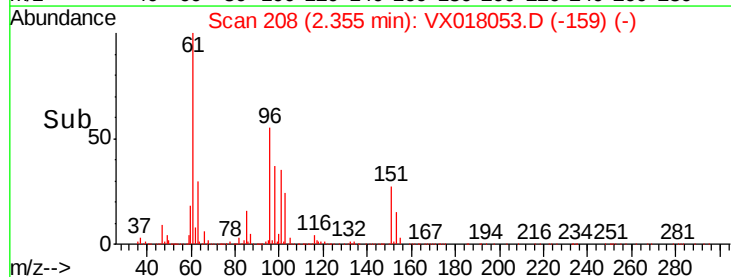
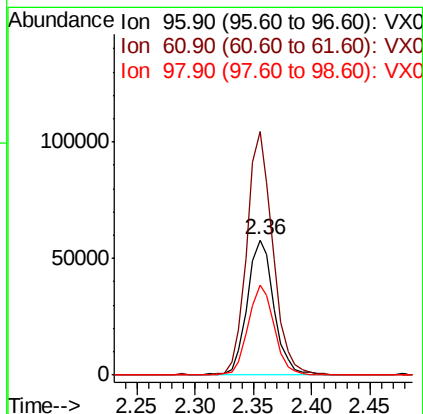
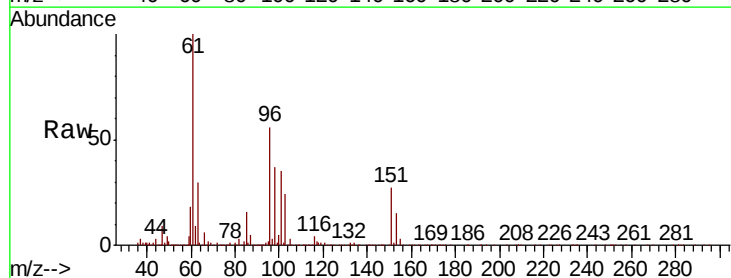
Tot Ion: 59 Resp: 123892
Ion Ratio Lower Upper
59 100
57 10.2 8.9 13.3

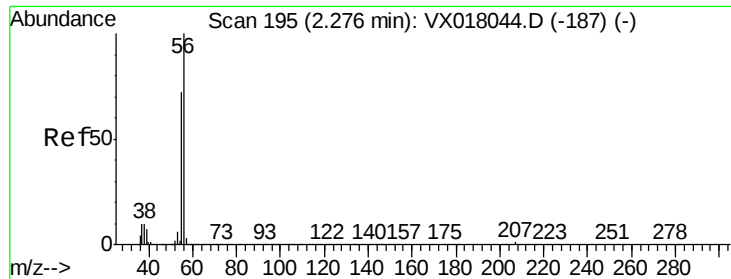


#12

1,1-Dichloroethene
Concen: 15.642 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX018053.D
Acq: 21 Aug 2020 13:05

Tgt Ion: 96 Resp: 92699
Ion Ratio Lower Upper
96 100
61 180.2 133.0 199.4
98 66.9 51.6 77.4





#13

Acrolein

Concen: 89.777 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX018053.D

Acq: 21 Aug 2020 13:05

Instrument :

MSVOA_X

ClientSampleId :

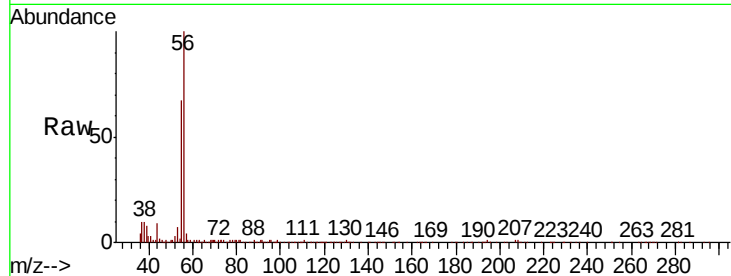
VX0821WBSD02

Tot Ion: 56 Resp: 60935

Ion Ratio Lower Upper

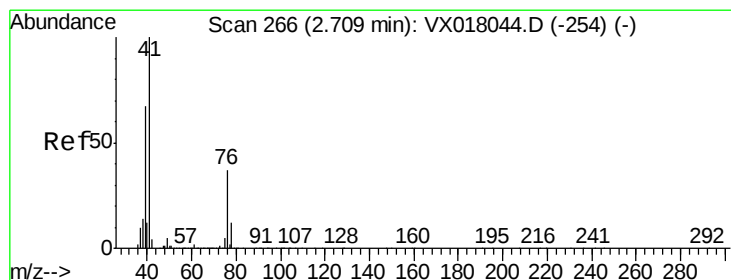
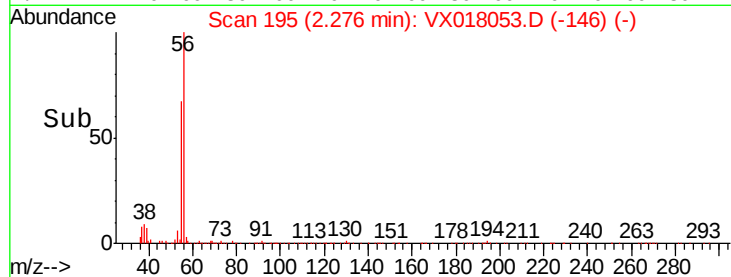
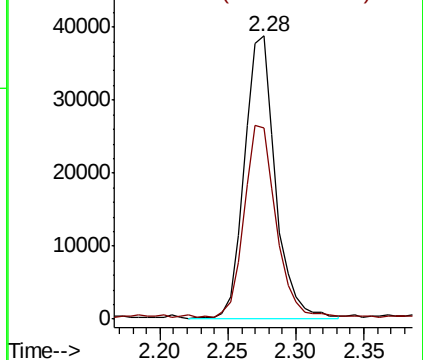
56 100

55 70.8 57.0 85.6



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 17.120 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX018053.D

Acq: 21 Aug 2020 13:05

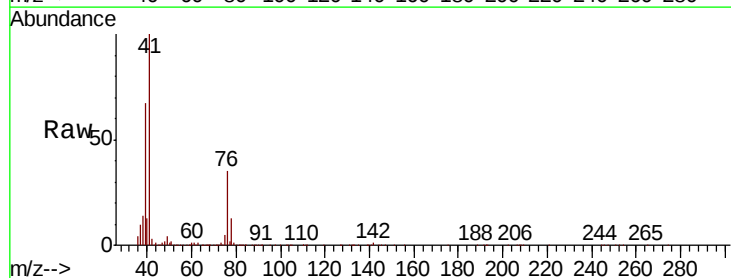
Tgt Ion: 41 Resp: 182281

Ion Ratio Lower Upper

41 100

39 63.9 50.6 76.0

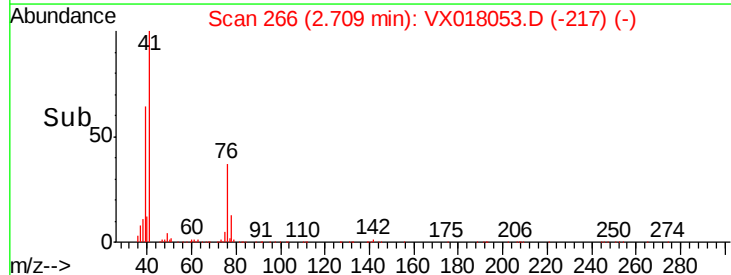
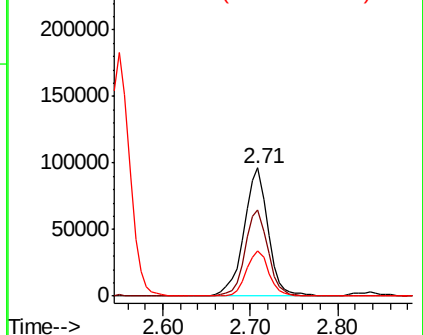
76 33.2 26.2 39.2

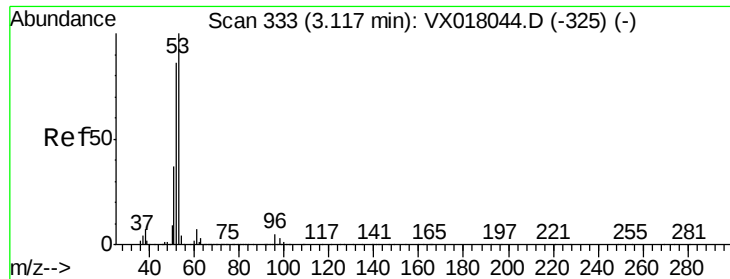


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 84.963 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX018053.D

Acq: 21 Aug 2020 13:05

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBSD02

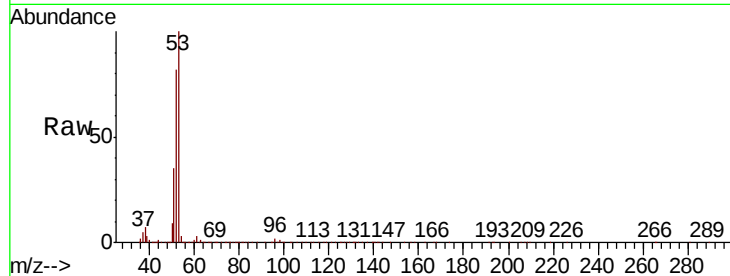
Tot Ion: 53 Resp: 315481

Ion Ratio Lower Upper

53 100

52 83.0 66.9 100.3

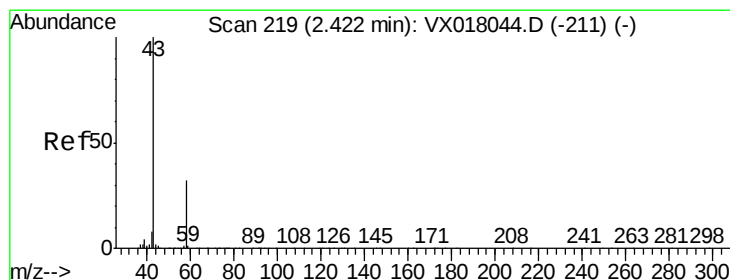
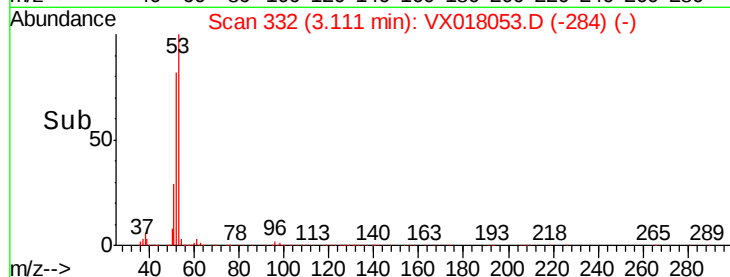
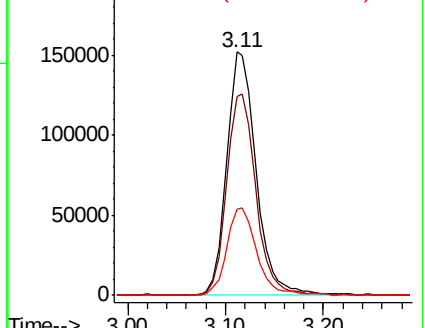
51 36.7 28.7 43.1



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 83.164 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX018053.D

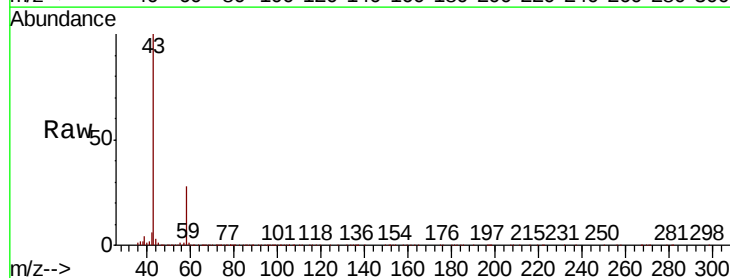
Acq: 21 Aug 2020 13:05

Tgt Ion: 43 Resp: 272817

Ion Ratio Lower Upper

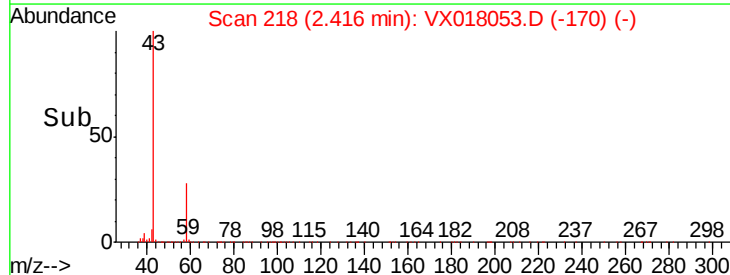
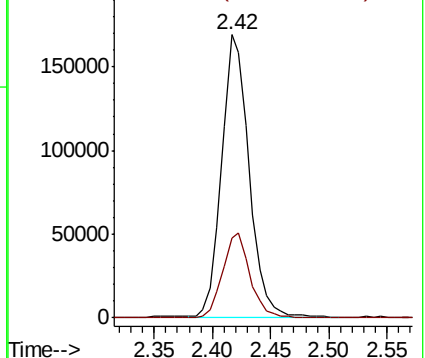
43 100

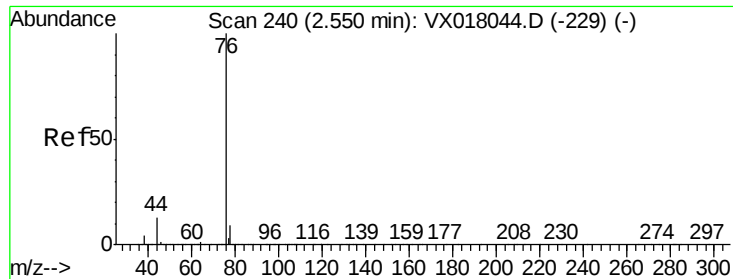
58 28.0 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

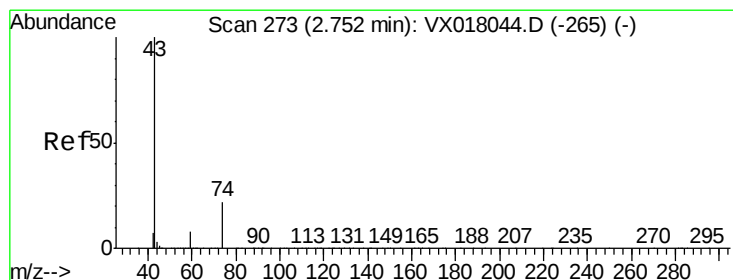
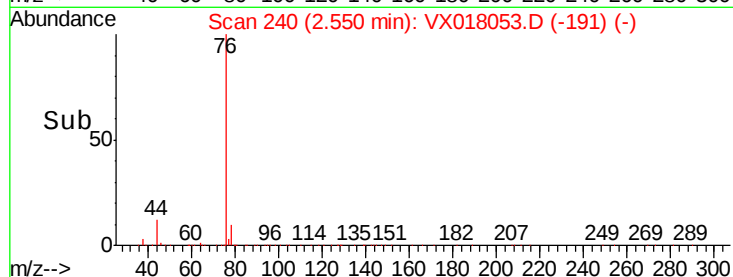
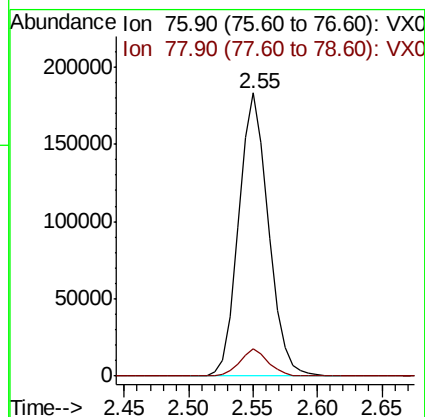
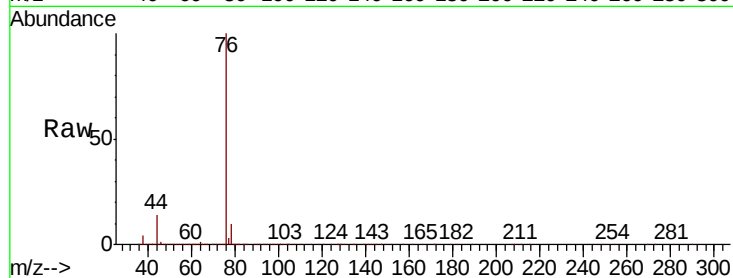




#17
Carbon Disulfide
Concen: 16.369 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX018053.D
Acq: 21 Aug 2020 13:05

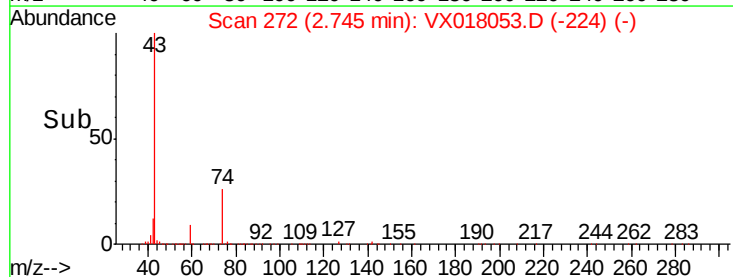
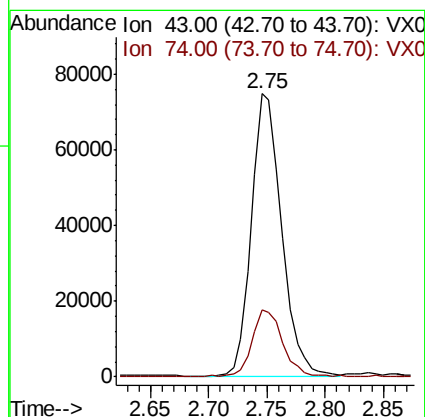
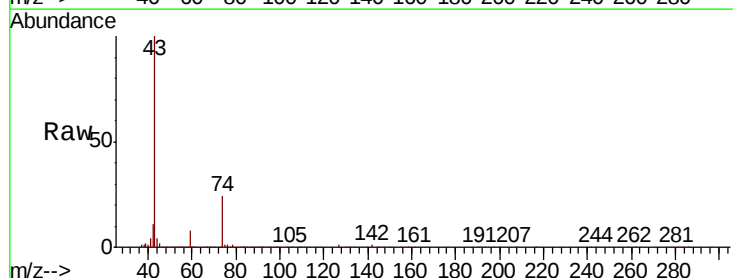
Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD02

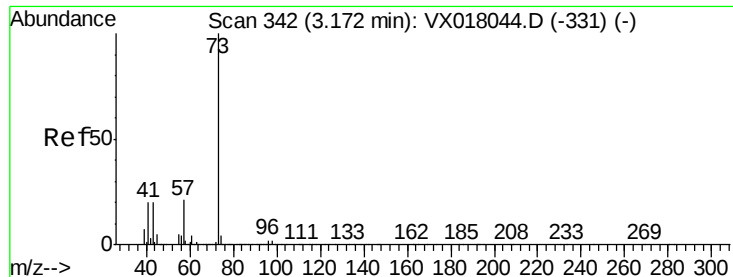
Tot Ion: 76 Resp: 293261
Ion Ratio Lower Upper
76 100
78 9.7 7.4 11.0



#18
Methyl Acetate
Concen: 17.047 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX018053.D
Acq: 21 Aug 2020 13:05

Tgt Ion: 43 Resp: 134943
Ion Ratio Lower Upper
43 100
74 24.3 18.2 27.4



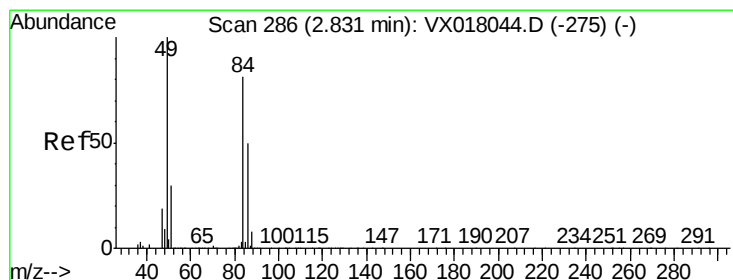
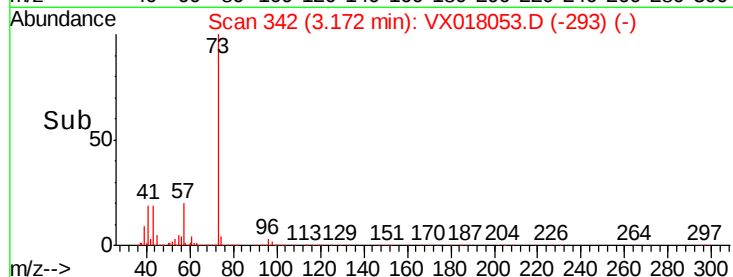
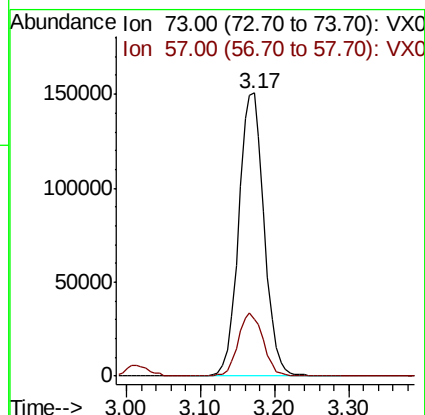
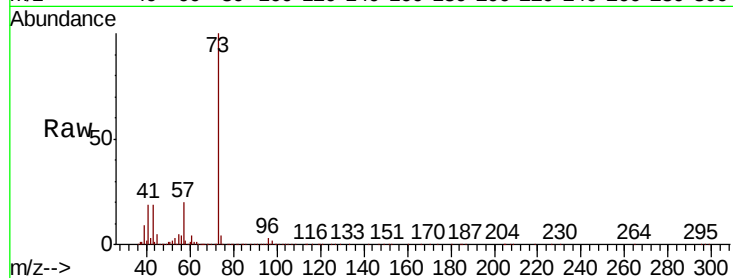


#19

Methyl tert-butyl Ether
 Concen: 17.616 ug/l
 RT: 3.17 min Scan# 342
 Delta R.T. -0.00 min
 Lab File: VX018053.D
 Acq: 21 Aug 2020 13:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBSD02

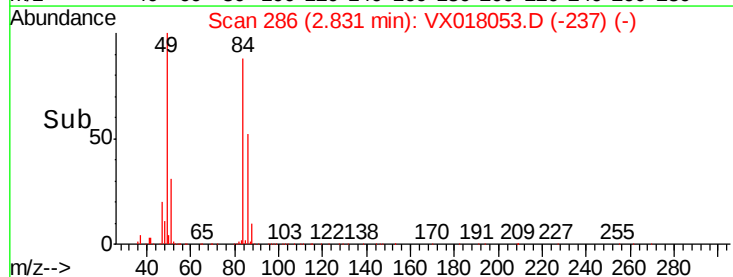
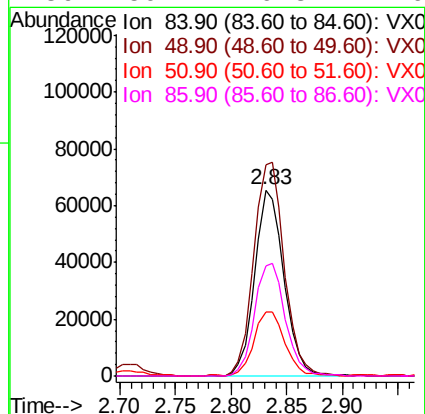
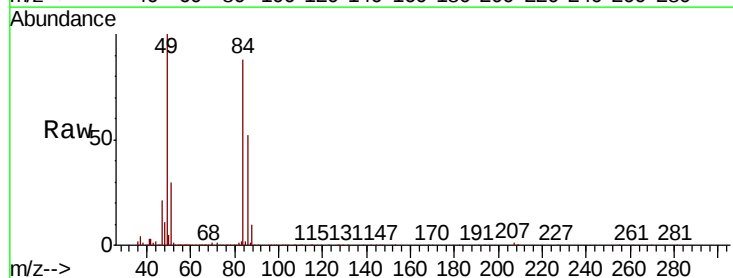
Tot Ion: 73 Resp: 358023
 Ion Ratio Lower Upper
 73 100
 57 20.1 16.8 25.2

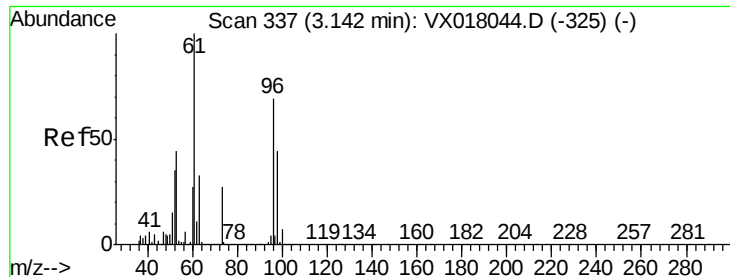


#20

Methylene Chloride
 Concen: 17.187 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. 0.00 min
 Lab File: VX018053.D
 Acq: 21 Aug 2020 13:05

Tgt Ion: 84 Resp: 120422
 Ion Ratio Lower Upper
 84 100
 49 113.9 98.6 148.0
 51 34.5 29.6 44.4
 86 59.4 49.8 74.6





#21

trans-1,2-Dichloroethene

Concen: 16.724 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX018053.D

Acq: 21 Aug 2020 13:05

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBSD02

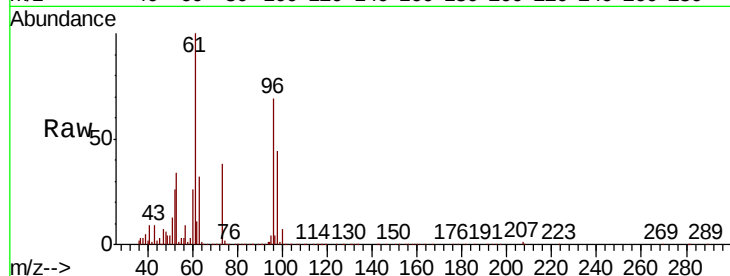
Tot Ion: 96 Resp: 109805

Ion Ratio Lower Upper

96 100

61 145.1 115.4 173.0

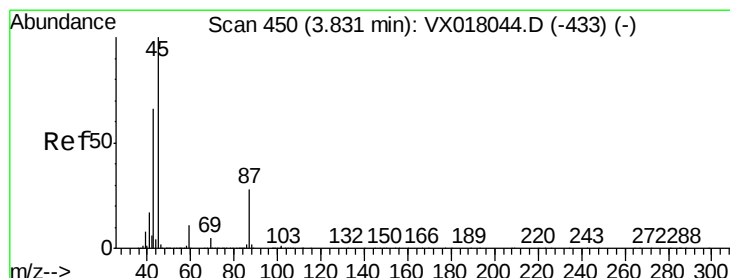
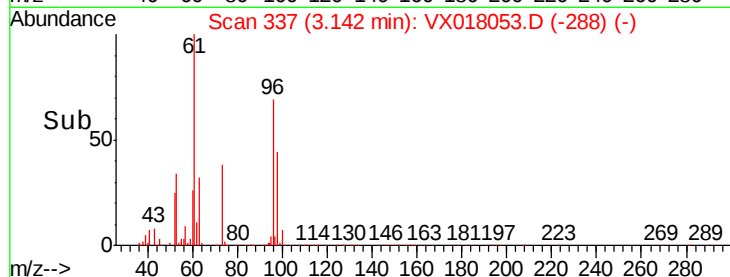
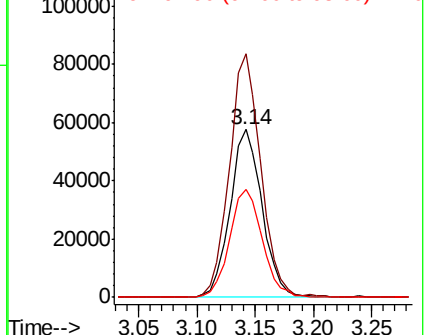
98 64.2 51.1 76.7



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 18.205 ug/l

RT: 3.83 min Scan# 450

Delta R.T. -0.00 min

Lab File: VX018053.D

Acq: 21 Aug 2020 13:05

Tgt Ion: 45 Resp: 382562

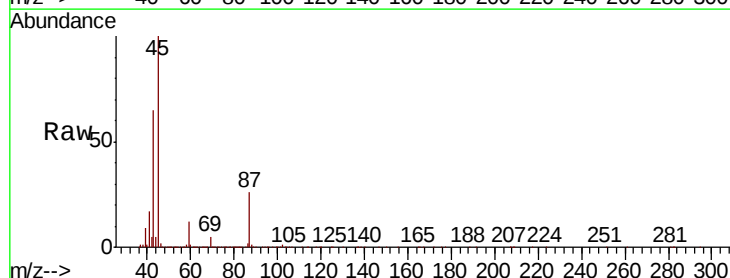
Ion Ratio Lower Upper

45 100

43 64.0 52.8 79.2

87 26.0 22.5 33.7

59 11.5 9.0 13.6

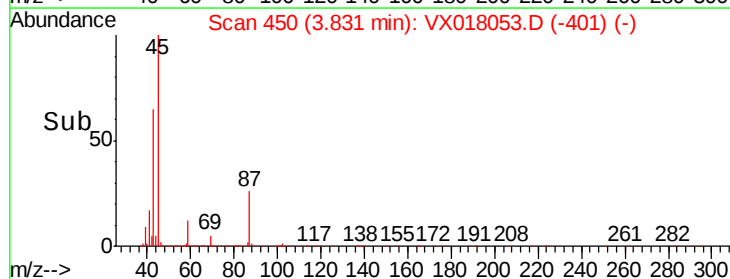
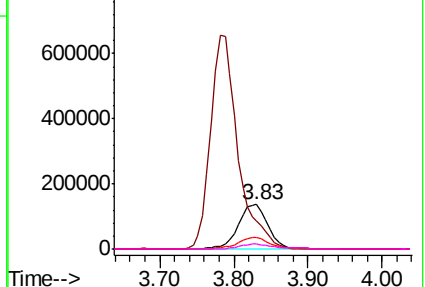


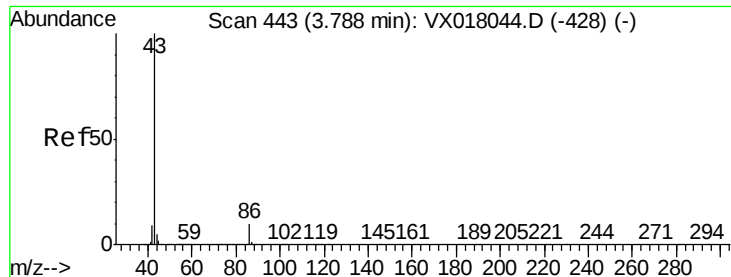
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 89.711 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX018053.D

Acq: 21 Aug 2020 13:05

Instrument :

MSVOA_X

ClientSampleId :

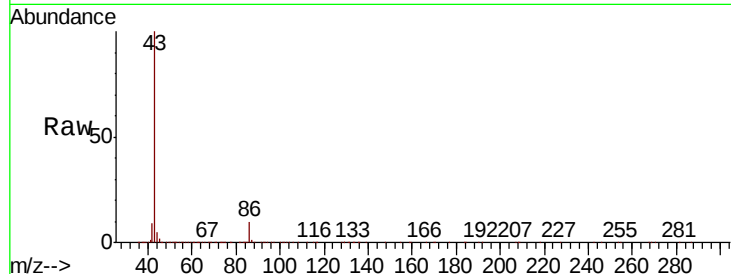
VX0821WBSD02

Tot Ion: 43 Resp: 1677518

Ion Ratio Lower Upper

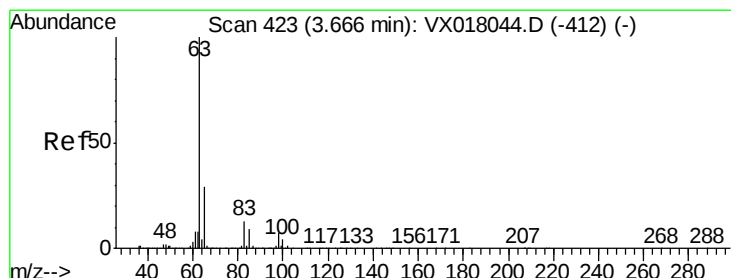
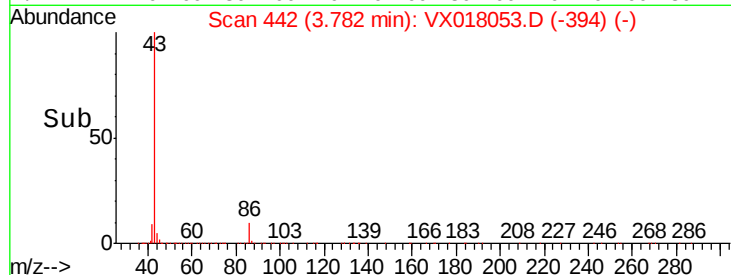
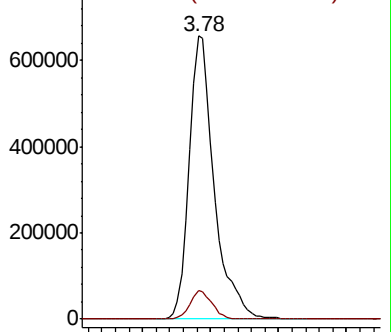
43 100

86 10.0 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 17.565 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX018053.D

Acq: 21 Aug 2020 13:05

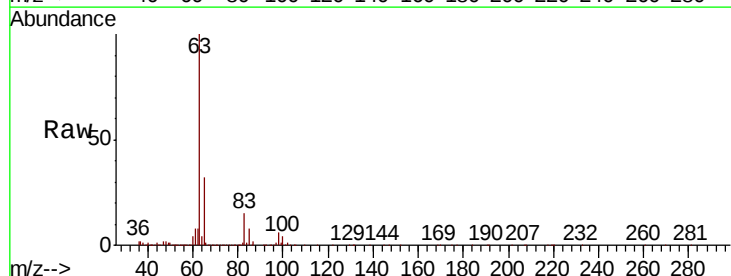
Tgt Ion: 63 Resp: 210122

Ion Ratio Lower Upper

63 100

98 5.6 3.6 10.8

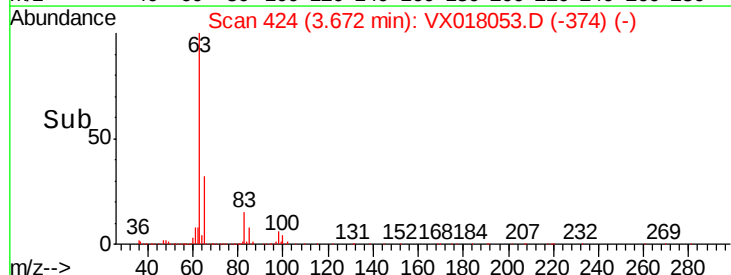
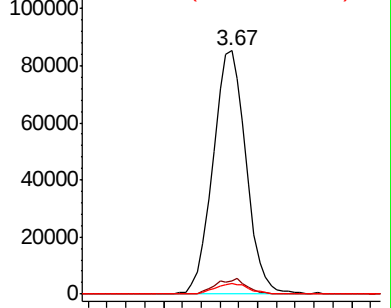
100 4.3 2.0 6.0

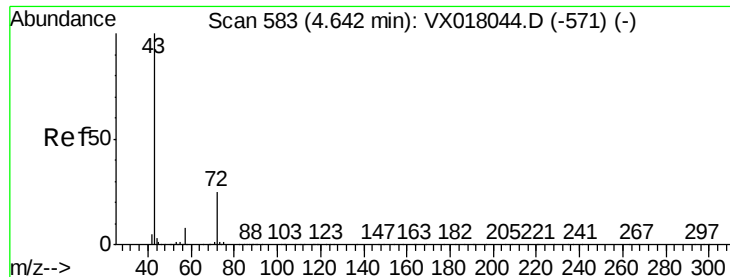


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 81.984 ug/l

RT: 4.64 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX018053.D

Acq: 21 Aug 2020 13:05

Instrument :

MSVOA_X

ClientSampleId :

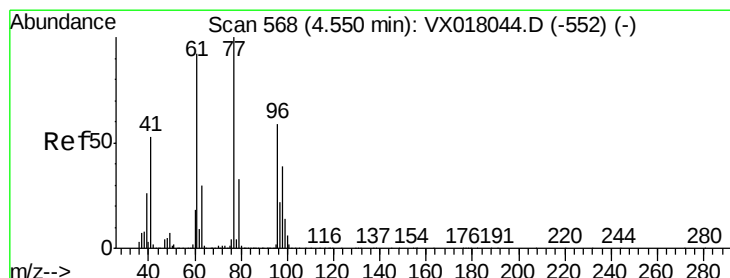
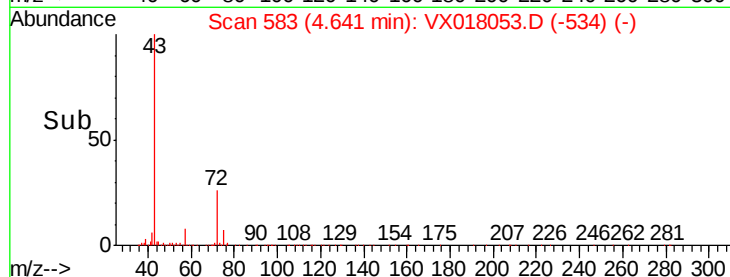
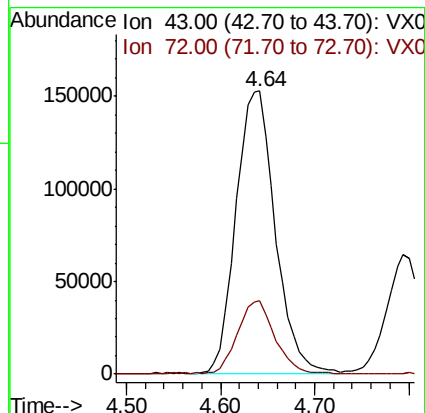
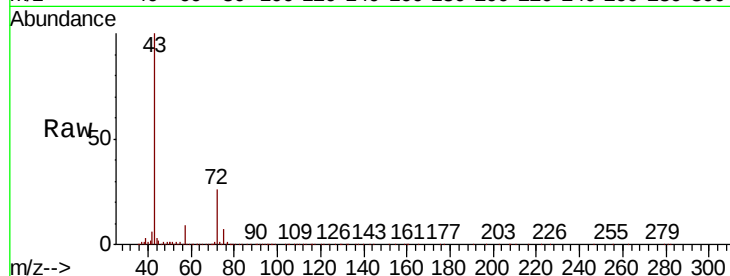
VX0821WBSD02

Tot Ion: 43 Resp: 442000

Ion Ratio Lower Upper

43 100

72 25.9 19.8 29.6



#26

2,2-Dichloropropane

Concen: 19.157 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX018053.D

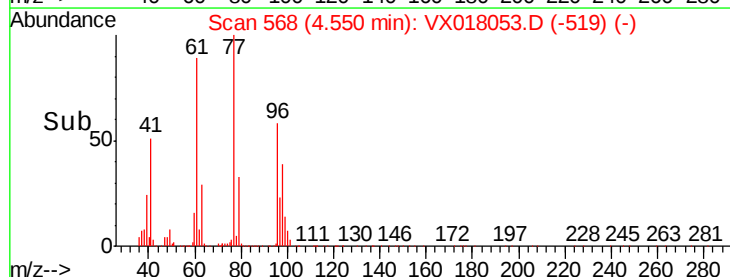
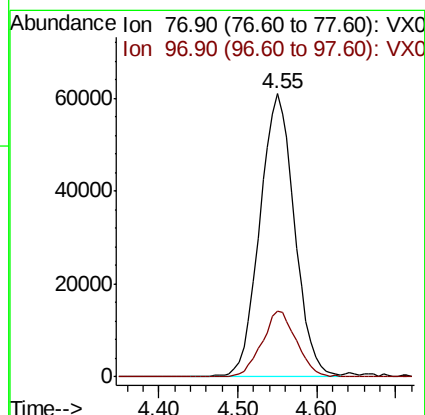
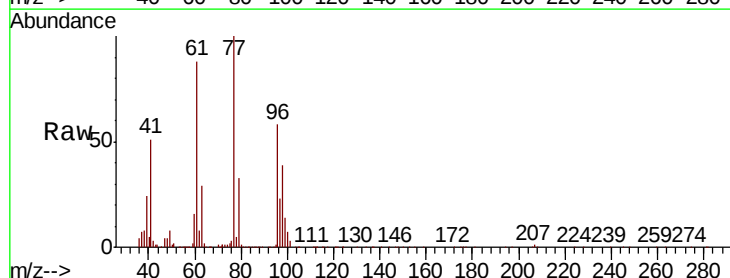
Acq: 21 Aug 2020 13:05

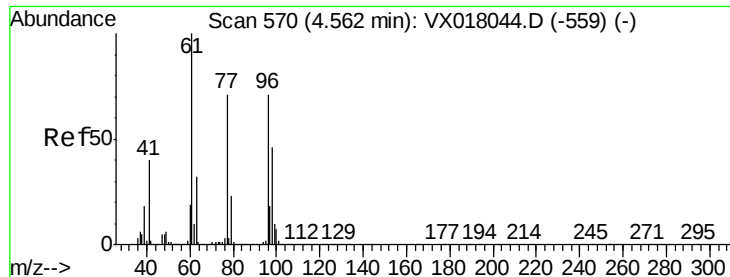
Tgt Ion: 77 Resp: 186463

Ion Ratio Lower Upper

77 100

97 23.3 11.5 34.5



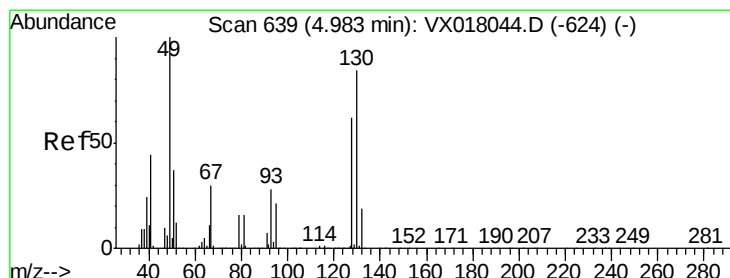
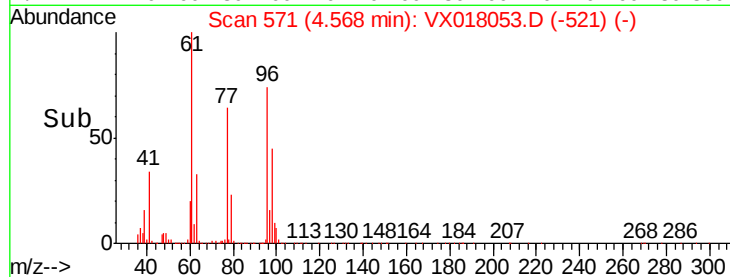
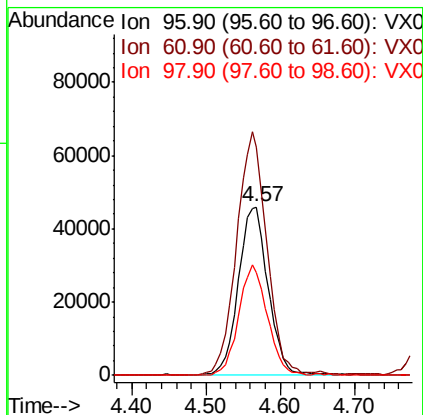
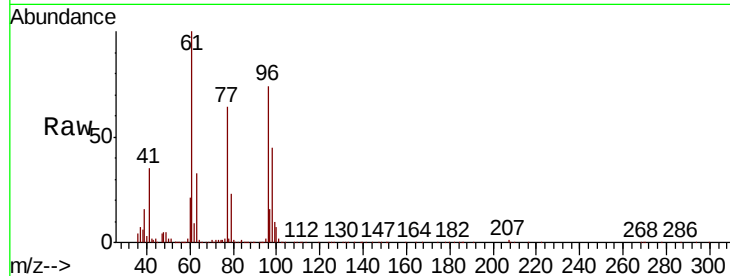


#27

cis-1,2-Dichloroethene
Concen: 17.089 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.01 min
Lab File: VX018053.D
Acq: 21 Aug 2020 13:05

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD02

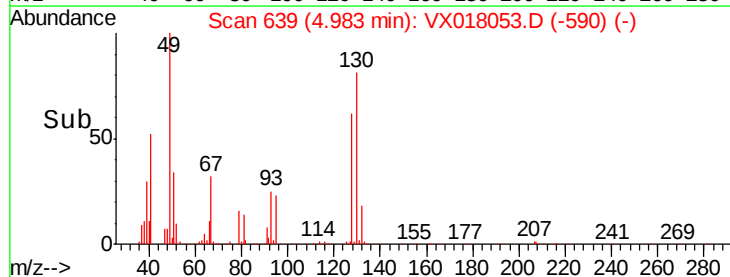
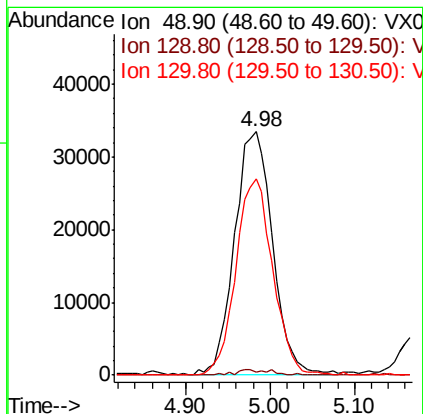
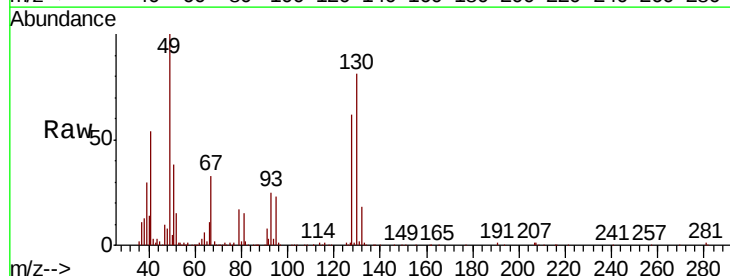
Tot Ion	Ratio	Lower	Upper
96	100		
61	146.0	0.0	296.6
98	63.3	0.0	130.2

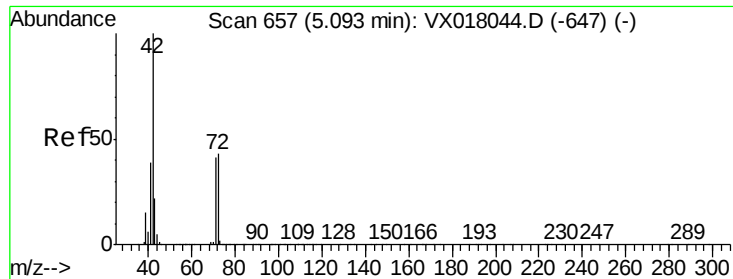


#28

Bromochloromethane
Concen: 17.808 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX018053.D
Acq: 21 Aug 2020 13:05

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.0	0.0	4.6
130	78.0	64.6	96.8

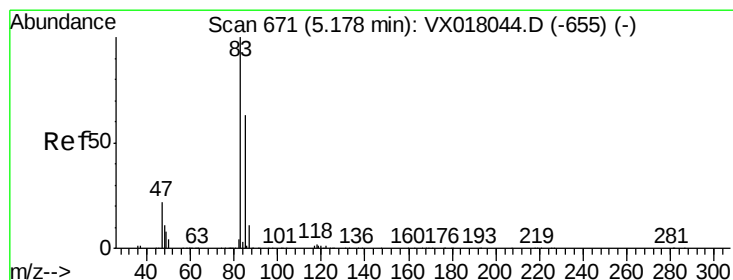
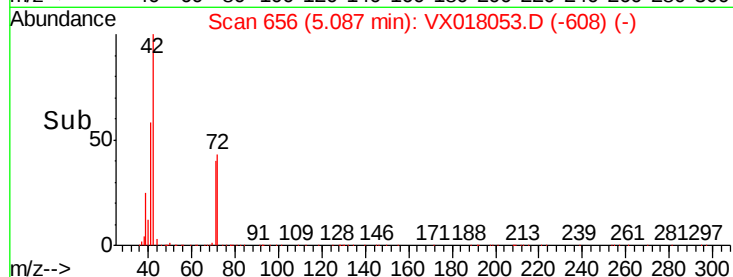
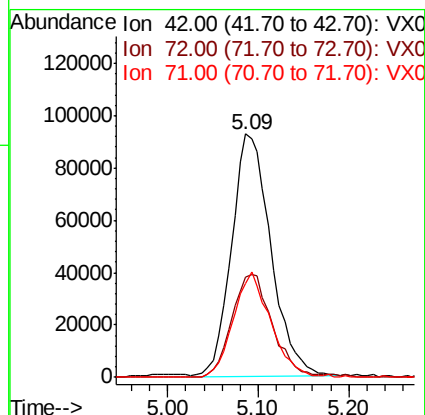
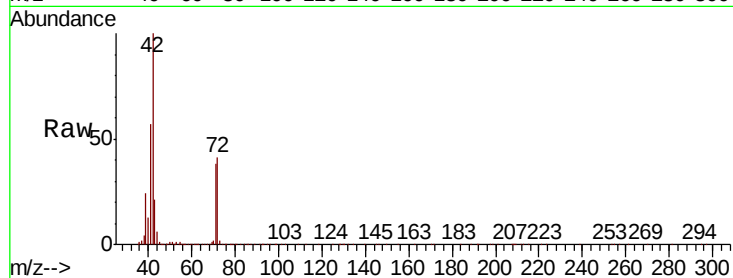




#29
Tetrahydrofuran
Concen: 81.046 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX018053.D
Acq: 21 Aug 2020 13:05

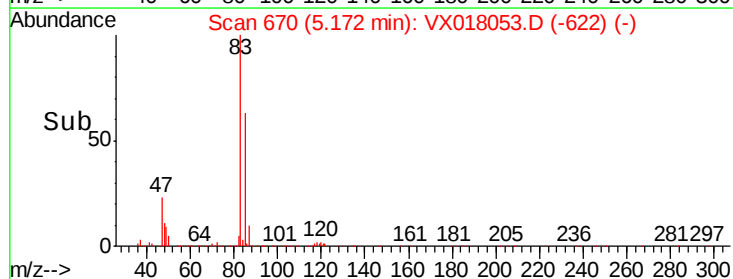
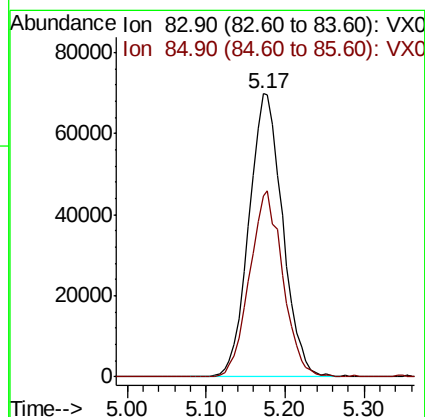
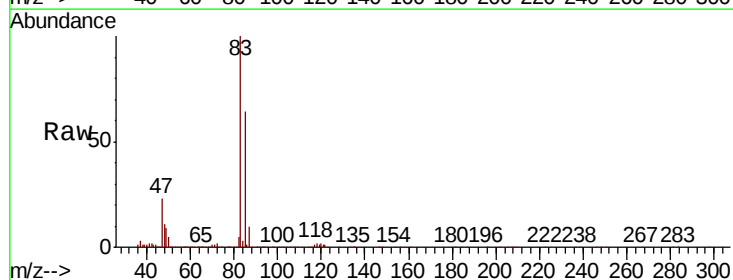
Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD02

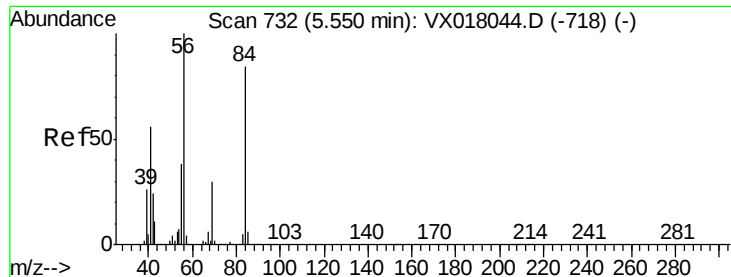
Tot Ion: 42 Resp: 278152
Ion Ratio Lower Upper
42 100
72 44.6 34.2 51.4
71 41.0 32.1 48.1



#30
Chloroform
Concen: 16.771 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX018053.D
Acq: 21 Aug 2020 13:05

Tgt Ion: 83 Resp: 207731
Ion Ratio Lower Upper
83 100
85 63.6 50.7 76.1

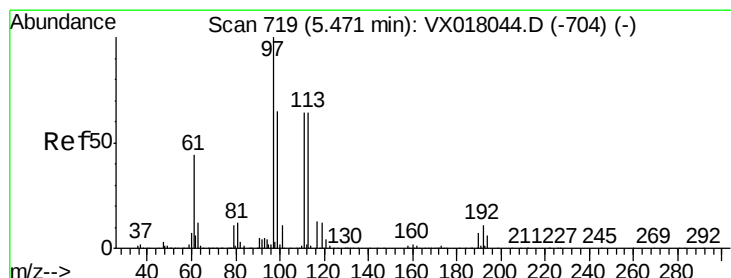
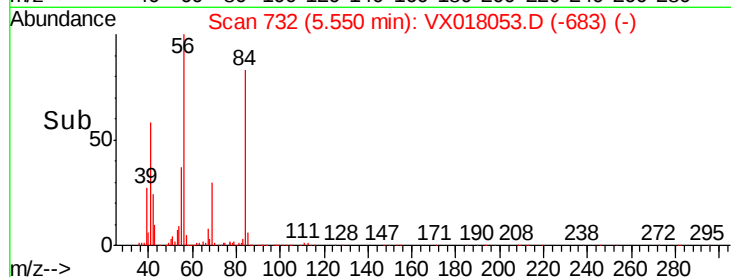
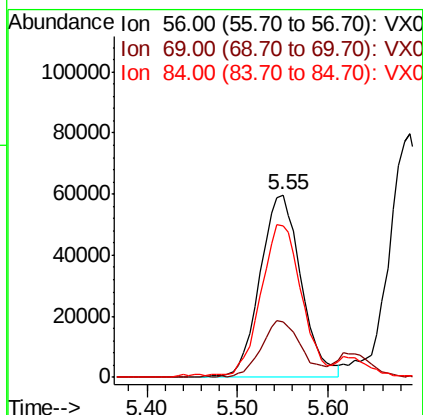
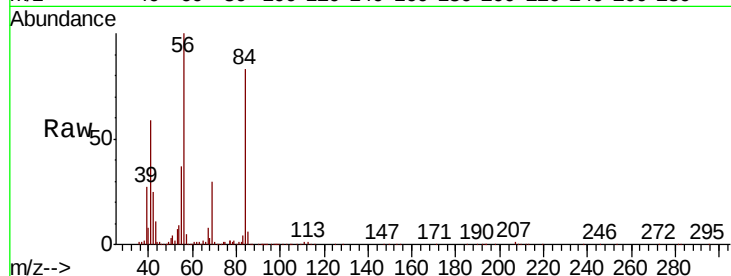




#31
Cyclohexane
Concen: 18.515 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX018053.D
Acq: 21 Aug 2020 13:05

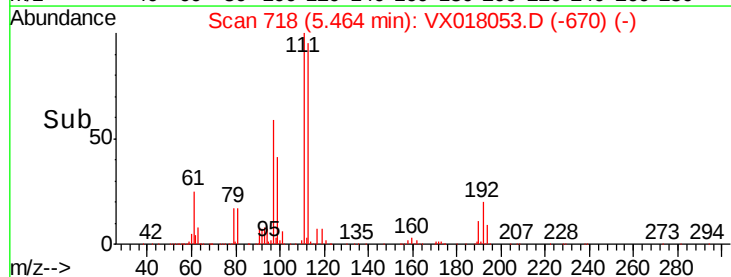
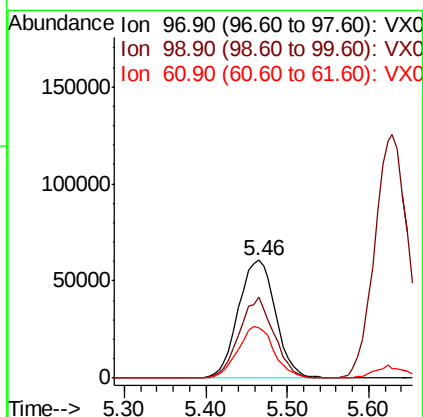
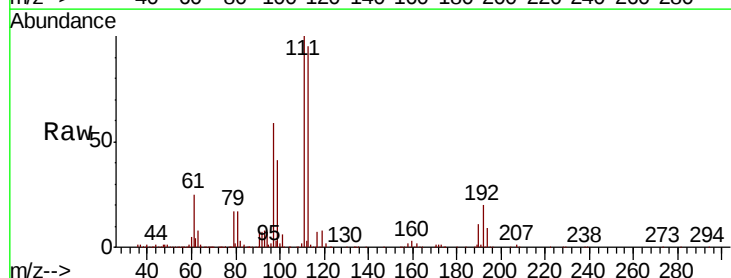
Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD02

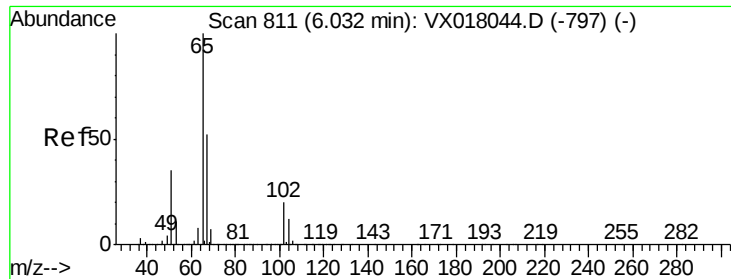
Tot Ion: 56 Resp: 186573
Ion Ratio Lower Upper
56 100
69 30.1 23.9 35.9
84 82.2 67.0 100.4



#32
1,1,1-Trichloroethane
Concen: 16.971 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX018053.D
Acq: 21 Aug 2020 13:05

Tgt Ion: 97 Resp: 192908
Ion Ratio Lower Upper
97 100
99 63.7 51.4 77.0
61 42.4 34.2 51.4





#33

1,2-Dichloroethane-d4

Concen: 44.043 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX018053.D

Acq: 21 Aug 2020 13:05

Instrument :

MSVOA_X

ClientSampleId :

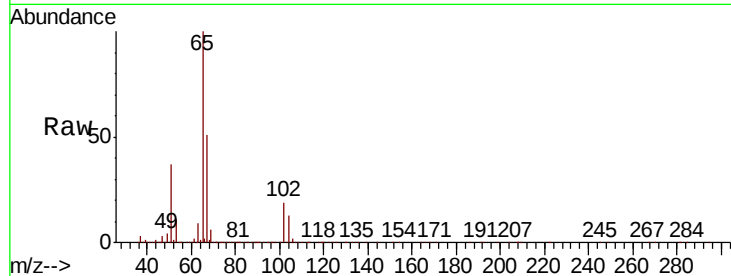
VX0821WBSD02

Tot Ion: 65 Resp: 370785

Ion Ratio Lower Upper

65 100

67 51.8 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

150000

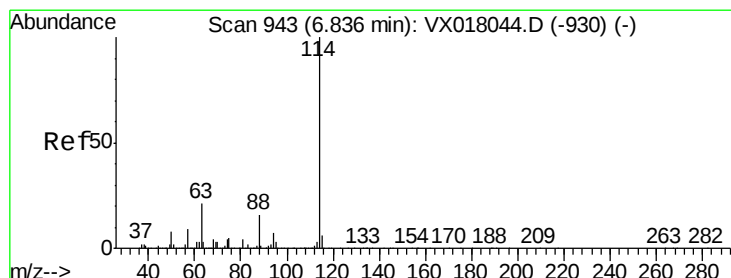
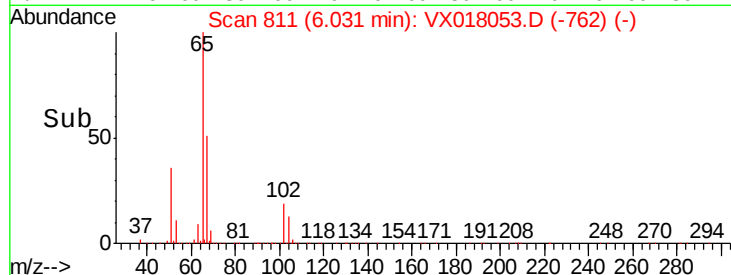
100000

50000

0

5.90 6.00 6.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX018053.D

Acq: 21 Aug 2020 13:05

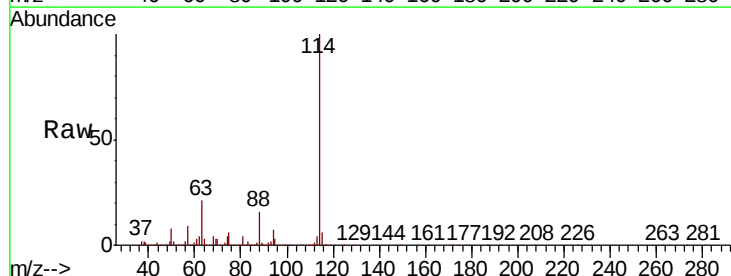
Tgt Ion: 114 Resp: 970510

Ion Ratio Lower Upper

114 100

63 21.4 0.0 42.6

88 15.5 0.0 31.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.83

500000

400000

300000

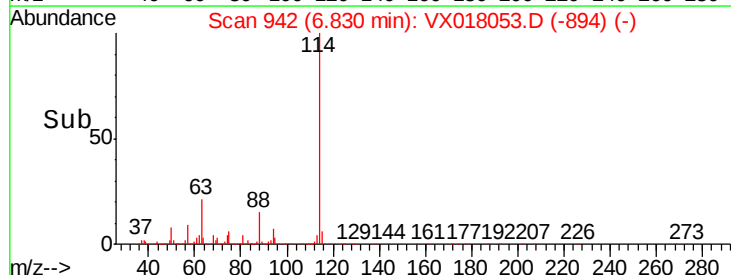
200000

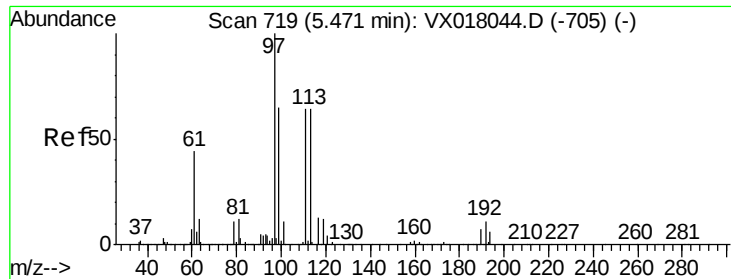
100000

0

6.70 6.80 6.90

Time-->

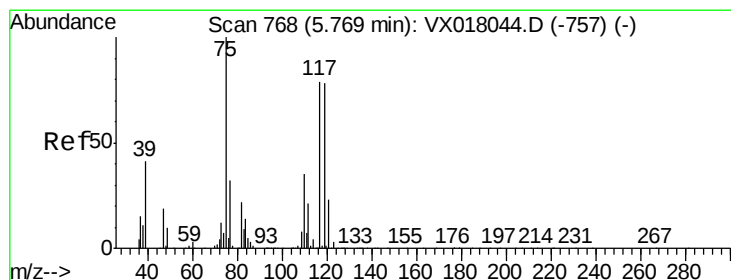
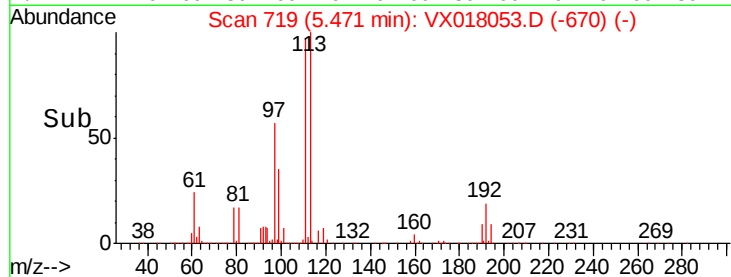
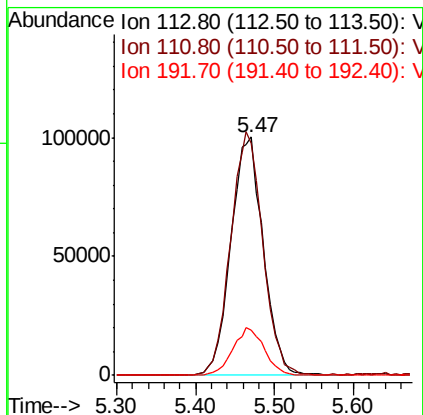
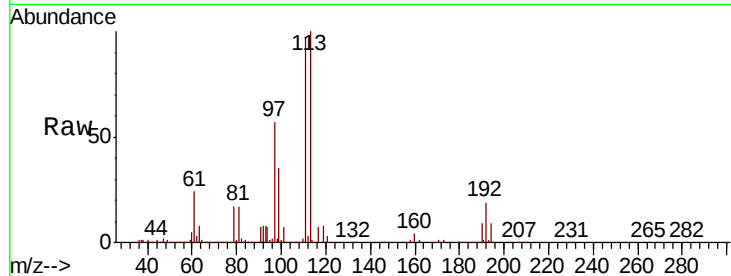




#35
 Dibromofluoromethane
 Concen: 43.207 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. -0.00 min
 Lab File: VX018053.D
 Acq: 21 Aug 2020 13:05

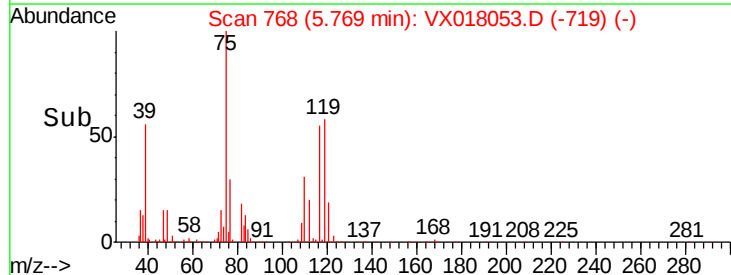
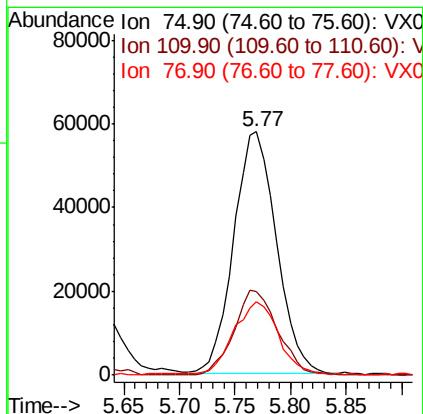
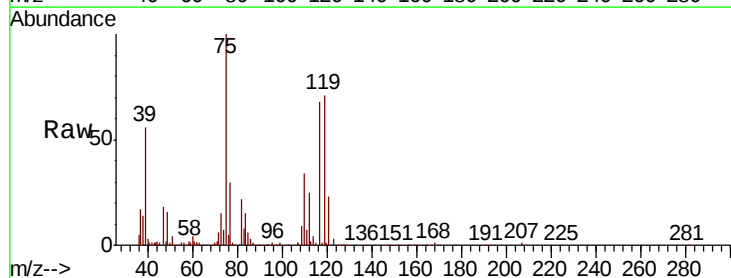
Instrument :
 MSVOA_X
 ClientSampleID :
 VX0821WBSD02

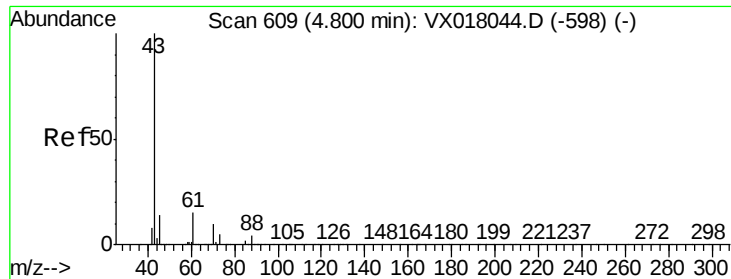
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.3	81.6	122.4
192	19.4	15.8	23.8



#36
 1,1-Dichloropropene
 Concen: 17.241 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX018053.D
 Acq: 21 Aug 2020 13:05

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.8	18.0	54.0
77	31.7	24.4	36.6

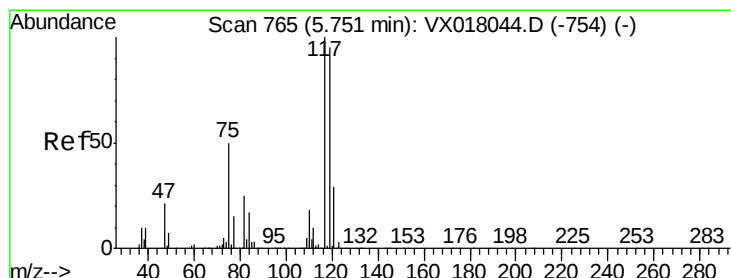
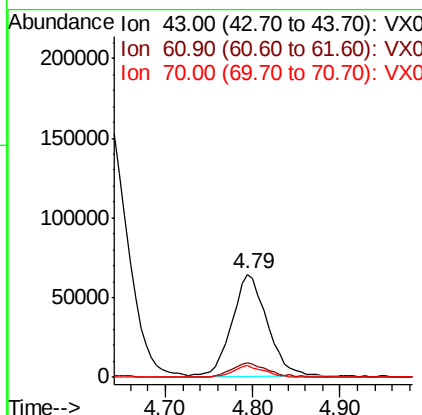
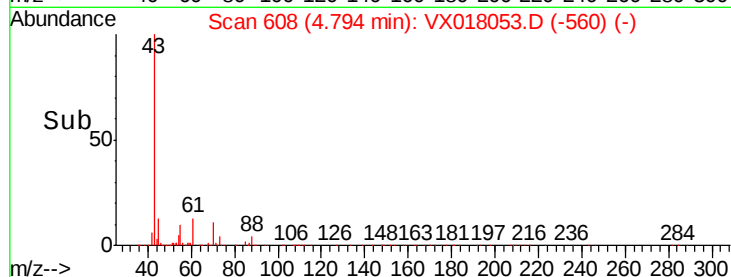
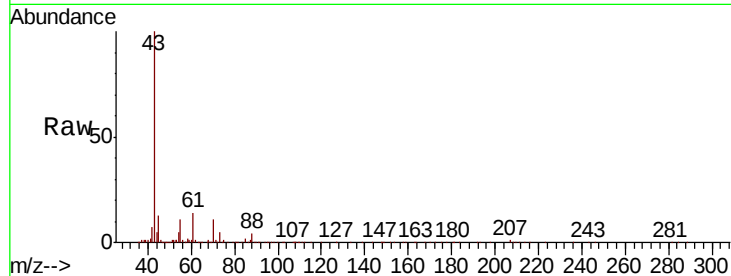




#37
Ethyl Acetate
Concen: 17.211 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX018053.D
Acq: 21 Aug 2020 13:05

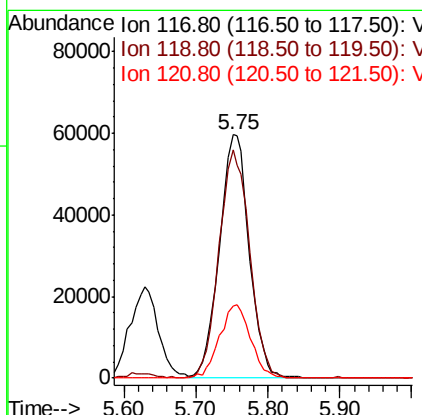
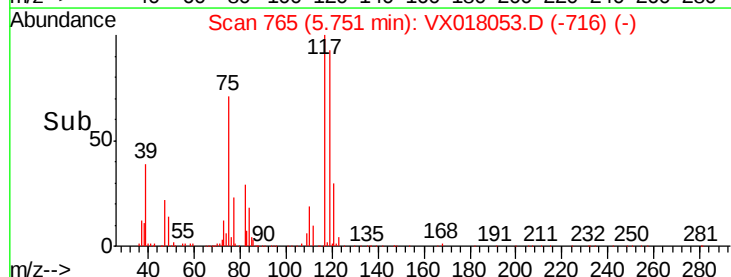
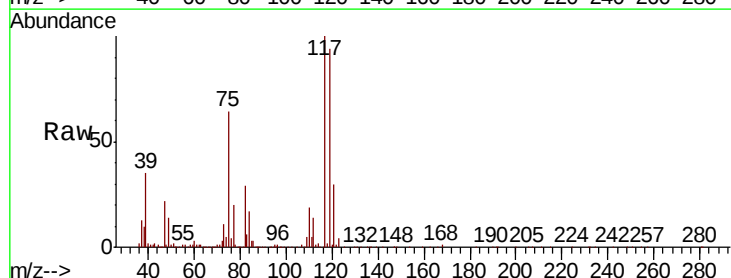
Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD02

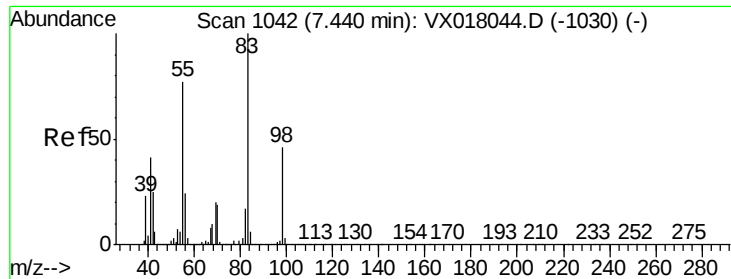
Tot Ion: 43 Resp: 178934
Ion Ratio Lower Upper
43 100
61 14.4 11.3 16.9
70 10.7 8.2 12.4



#38
Carbon Tetrachloride
Concen: 17.034 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX018053.D
Acq: 21 Aug 2020 13:05

Tgt Ion: 117 Resp: 171841
Ion Ratio Lower Upper
117 100
119 93.0 75.8 113.6
121 29.6 23.4 35.0

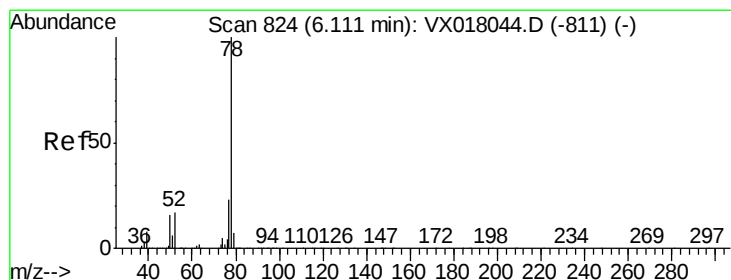
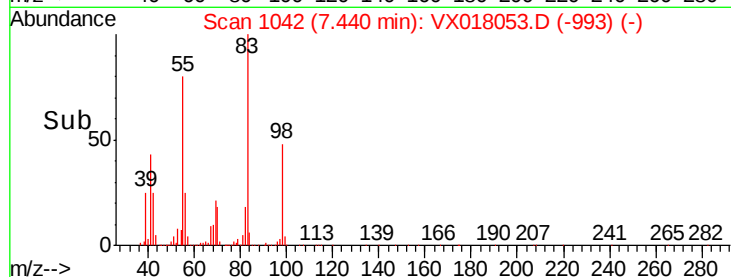
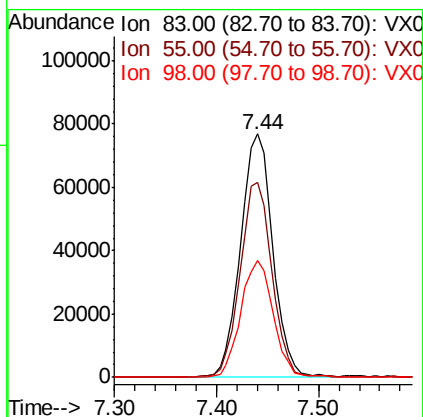
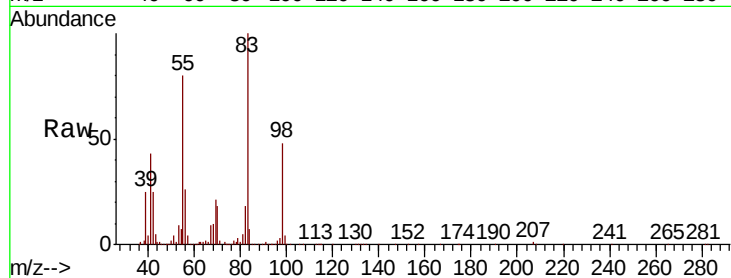




#39
Methvlcvclohexane
Concen: 17.297 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX018053.D
Acq: 21 Aug 2020 13:05

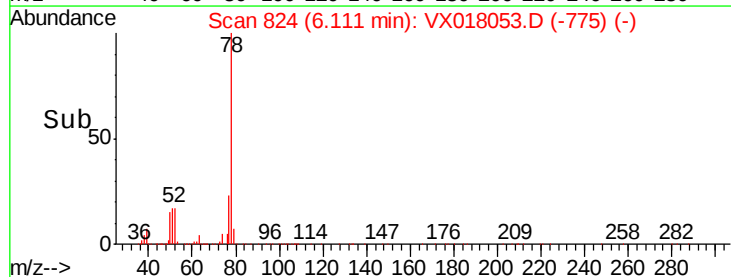
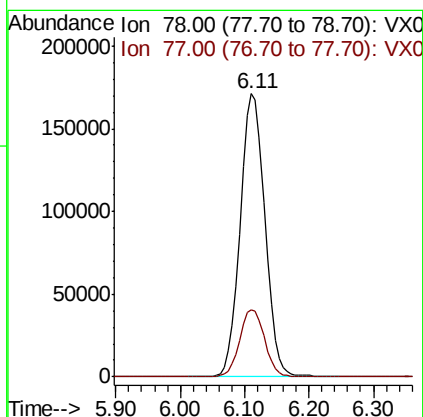
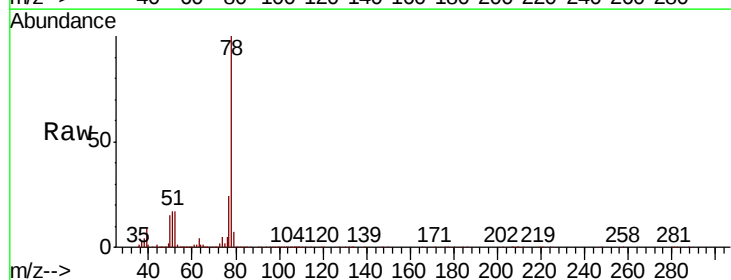
Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD02

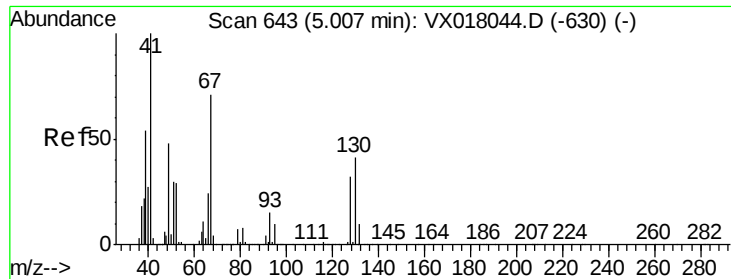
Tot Ion	83.00	Resp	169305
Ion	Ratio	Lower	Upper
83	100		
55	79.8	61.8	92.6
98	48.2	36.6	55.0



#40
Benzene
Concen: 17.229 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX018053.D
Acq: 21 Aug 2020 13:05

Tgt Ion	78.00	Resp	453168
Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.2	27.2





#41

Methacrylonitrile

Concen: 16.370 ug/l

RT: 5.00 min Scan# 642

Delta R.T. -0.01 min

Lab File: VX018053.D

Acq: 21 Aug 2020 13:05

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBSD02

Tot Ion: 41 Resp: 93446

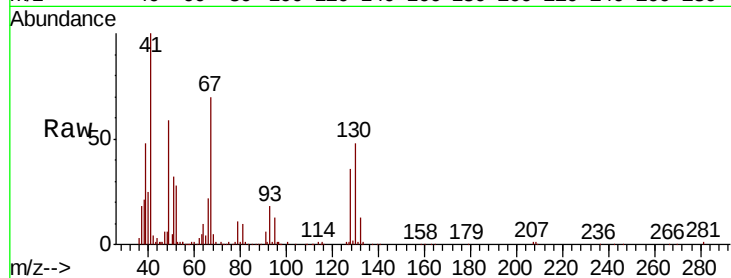
Ion Ratio Lower Upper

41 100

39 56.2 43.1 64.7

67 70.7 56.0 84.0

52 29.7 22.7 34.1

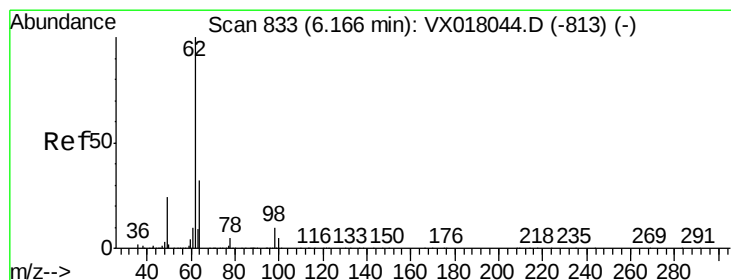
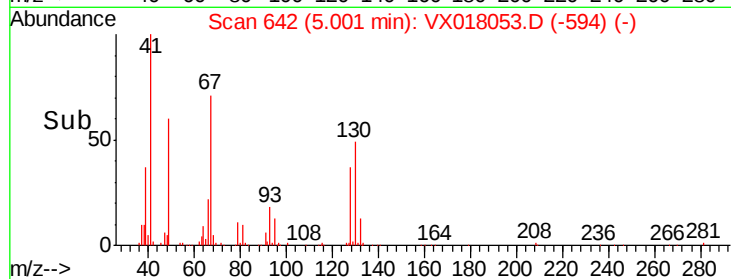
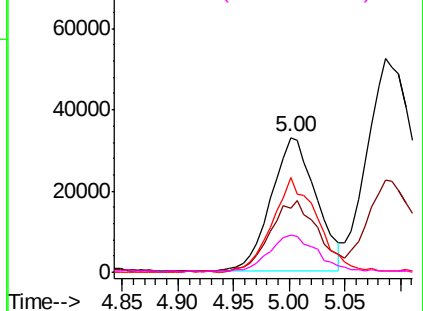


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 16.770 ug/l

RT: 6.16 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX018053.D

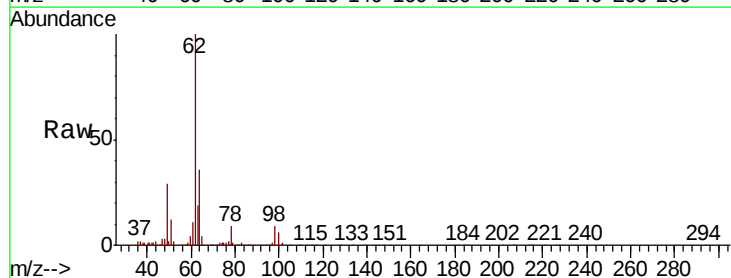
Acq: 21 Aug 2020 13:05

Tgt Ion: 62 Resp: 168998

Ion Ratio Lower Upper

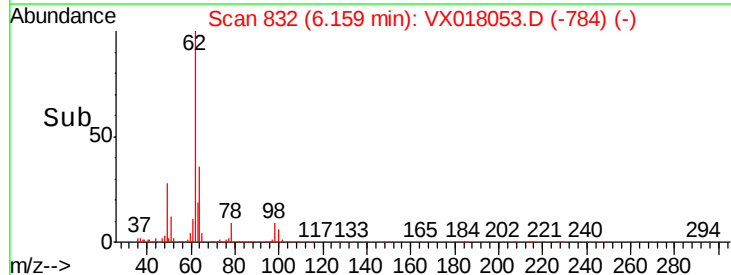
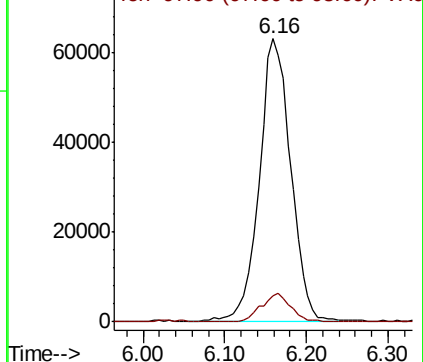
62 100

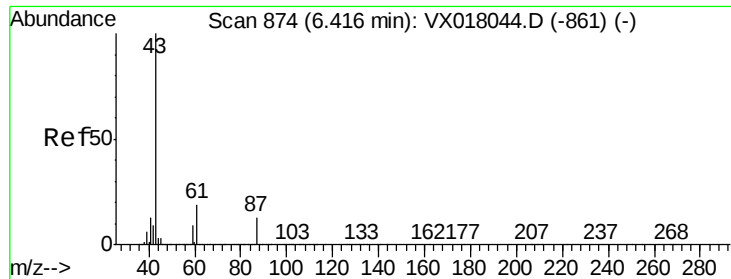
98 9.5 0.0 18.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 17.463 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX018053.D

Acq: 21 Aug 2020 13:05

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBSD02

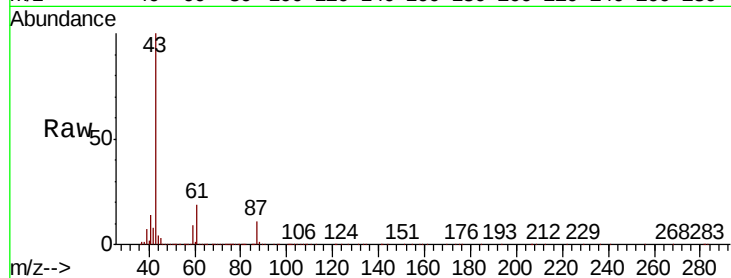
Tot Ion: 43 Resp: 293241

Ion Ratio Lower Upper

43 100

61 19.5 15.7 23.5

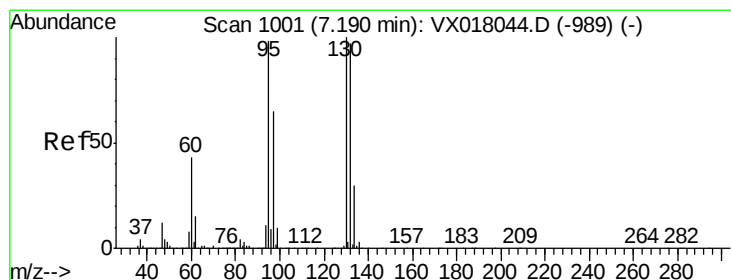
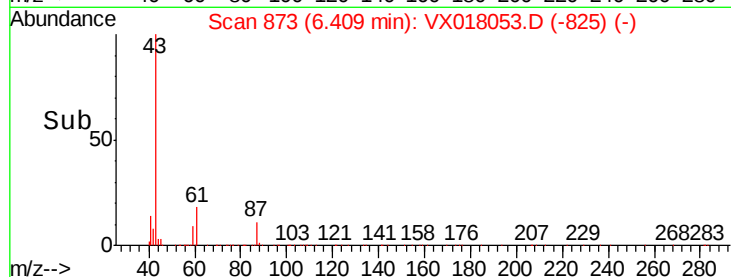
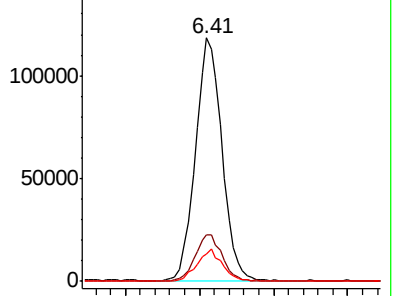
87 12.8 10.3 15.5



Abundance Ion 43.00 (42.70 to 43.70): VX018044.D (-861) (-)

Ion 61.00 (60.70 to 61.70): VX018044.D (-861) (-)

Ion 87.00 (86.70 to 87.70): VX018044.D (-861) (-)



#44

Trichloroethene

Concen: 17.102 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX018053.D

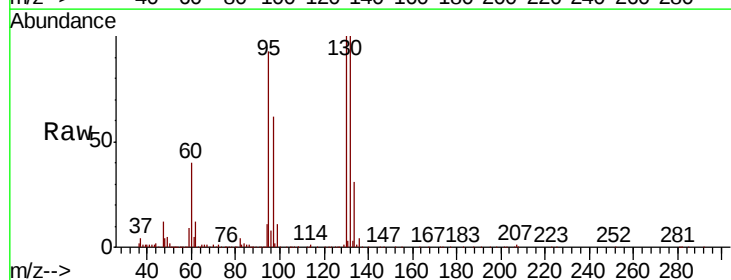
Acq: 21 Aug 2020 13:05

Tgt Ion: 130 Resp: 127105

Ion Ratio Lower Upper

130 100

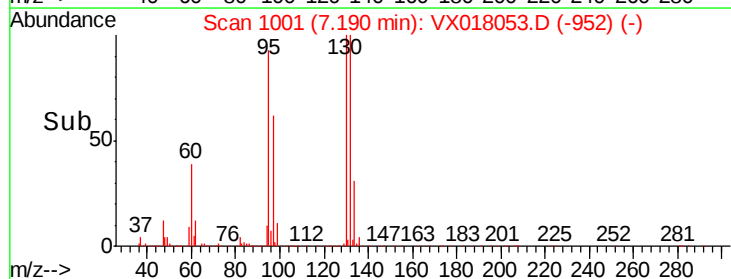
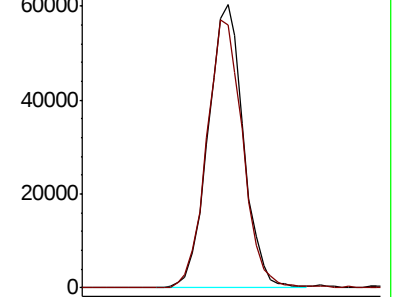
95 92.7 0.0 196.4

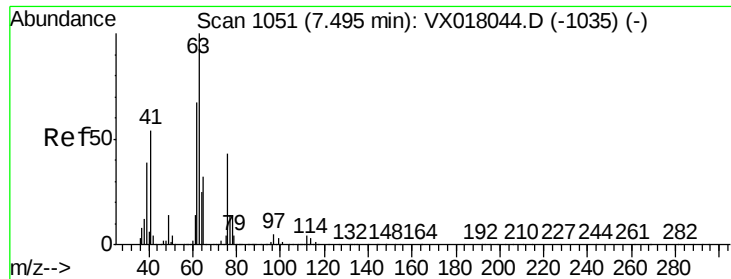


Abundance Ion 129.80 (129.50 to 130.50): VX018044.D (-989) (-)

Ion 94.90 (94.60 to 95.60): VX018044.D (-989) (-)

Ion 130.00 (129.70 to 130.30): VX018044.D (-989) (-)





#45

1,2-Dichloropropane

Concen: 16.608 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX018053.D

Acq: 21 Aug 2020 13:05

Instrument :

MSVOA_X

ClientSampleId :

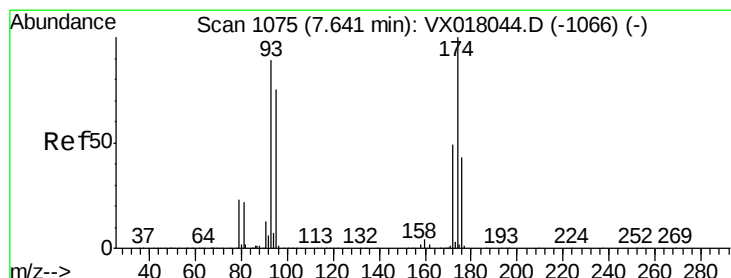
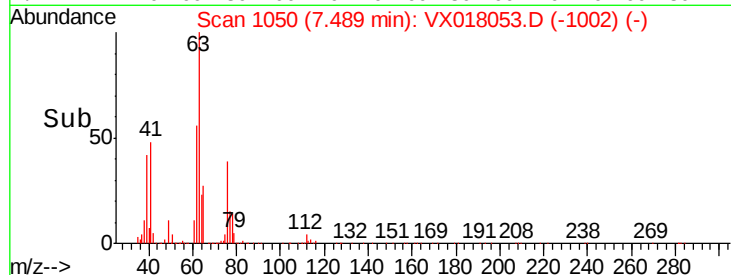
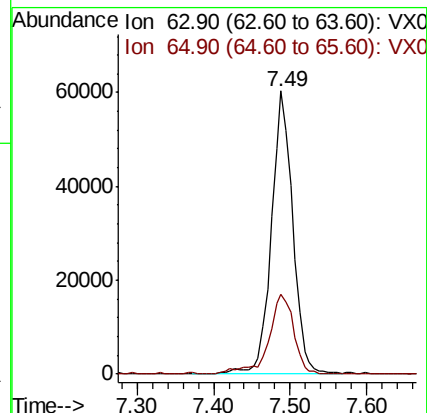
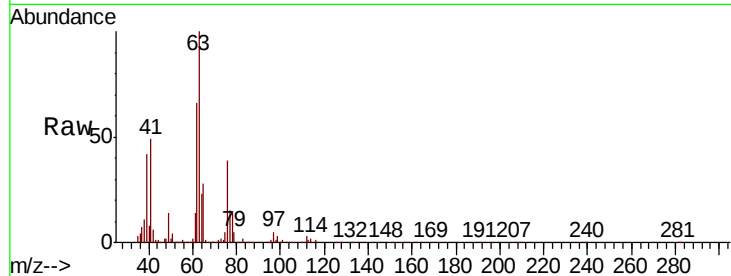
VX0821WBSD02

Tot Ion: 63 Resp: 117738

Ion Ratio Lower Upper

63 100

65 28.1 25.7 38.5



#46

Dibromomethane

Concen: 16.465 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX018053.D

Acq: 21 Aug 2020 13:05

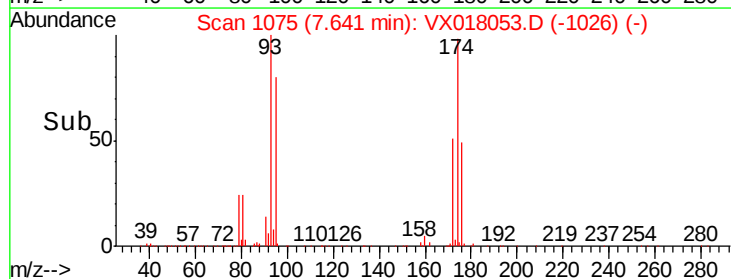
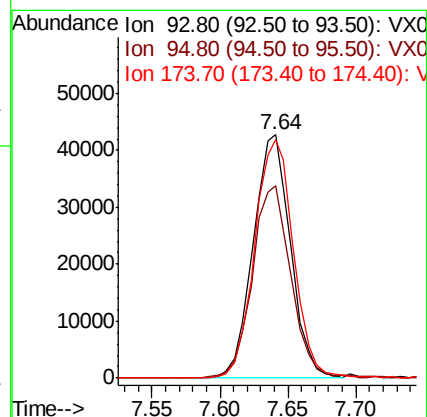
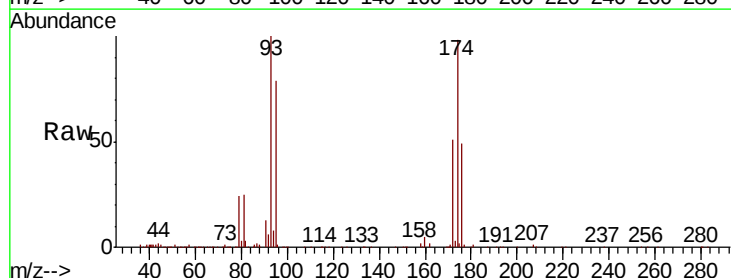
Tgt Ion: 93 Resp: 82080

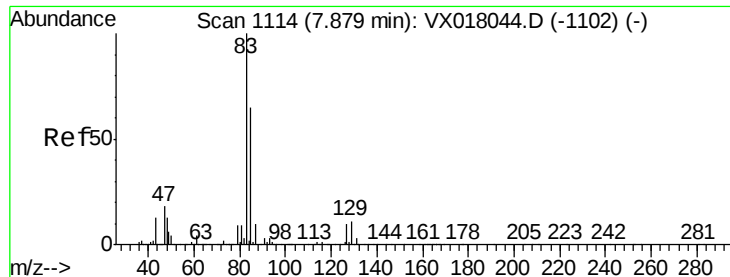
Ion Ratio Lower Upper

93 100

95 81.7 67.3 100.9

174 101.7 82.2 123.2





#47

Bromodichloromethane

Concen: 16.568 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX018053.D

Acq: 21 Aug 2020 13:05

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBSD02

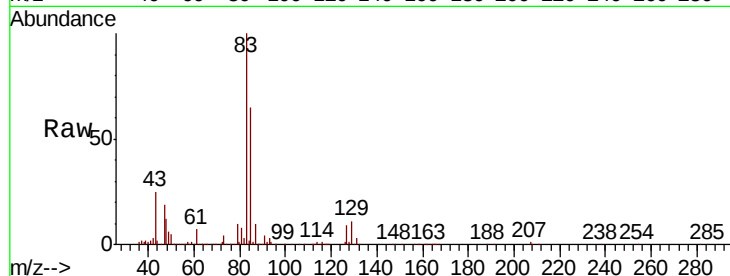
Tot Ion: 83 Resp: 164918

Ion Ratio Lower Upper

83 100

85 65.0 51.8 77.6

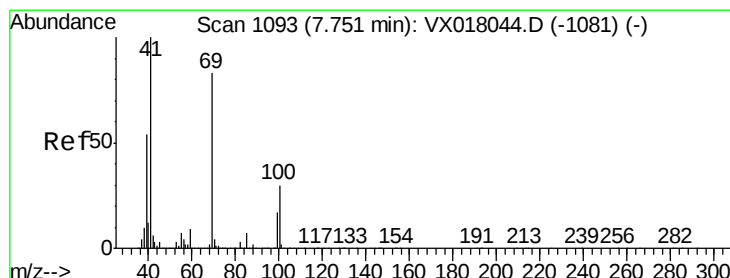
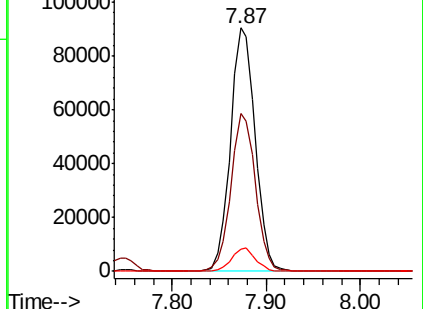
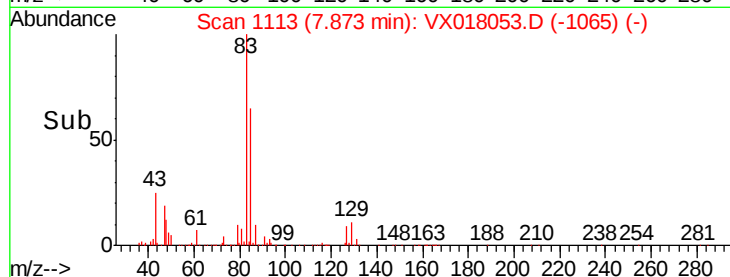
127 8.9 7.7 11.5



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: 15.714 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.01 min

Lab File: VX018053.D

Acq: 21 Aug 2020 13:05

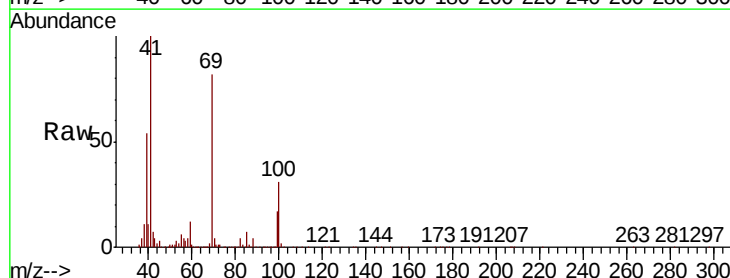
Tgt Ion: 41 Resp: 131361

Ion Ratio Lower Upper

41 100

69 83.6 65.5 98.3

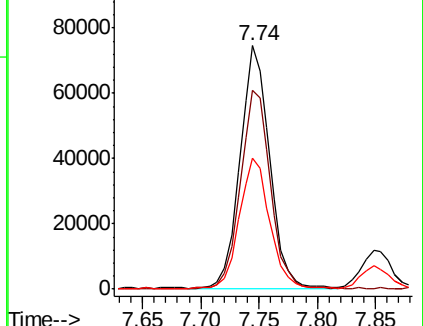
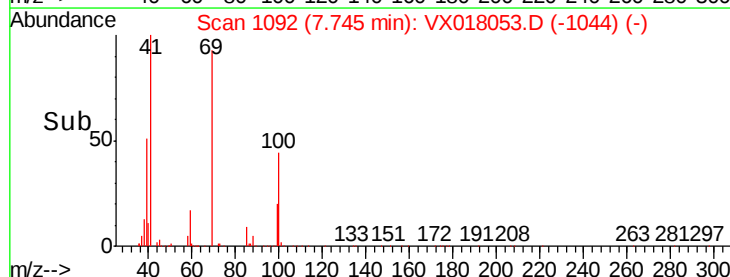
39 55.4 44.5 66.7

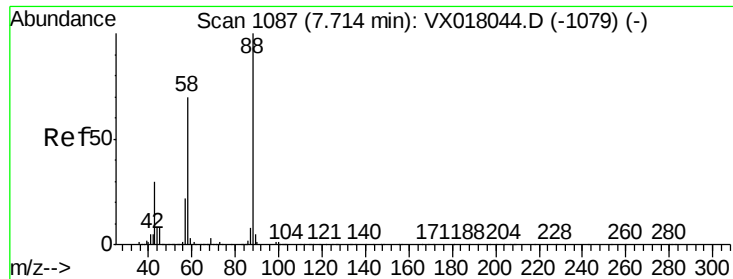


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 294.737 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX018053.D

Acq: 21 Aug 2020 13:05

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBSD02

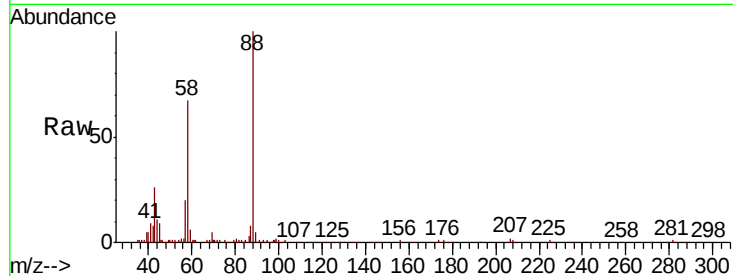
Tot Ion: 88 Resp: 44630

Ion Ratio Lower Upper

88 100

43 34.0 27.4 41.0

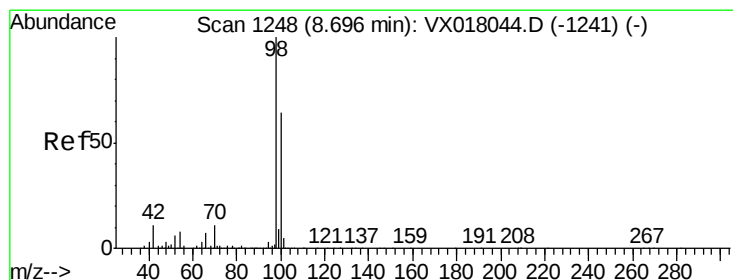
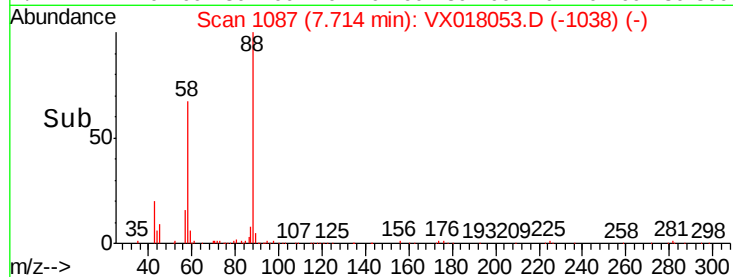
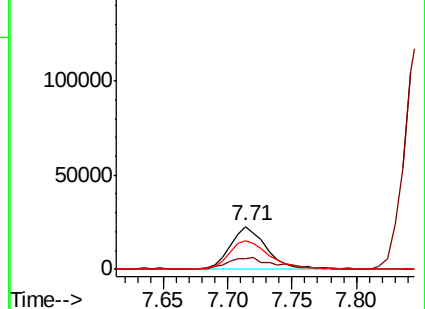
58 74.0 56.4 84.6



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: 42.458 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX018053.D

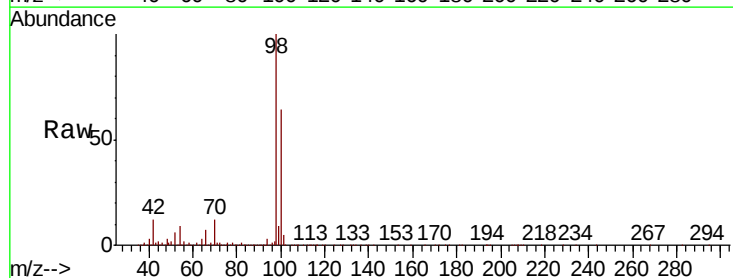
Acq: 21 Aug 2020 13:05

Tgt Ion: 98 Resp: 1045229

Ion Ratio Lower Upper

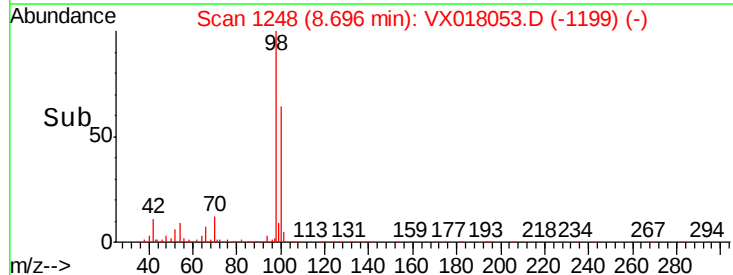
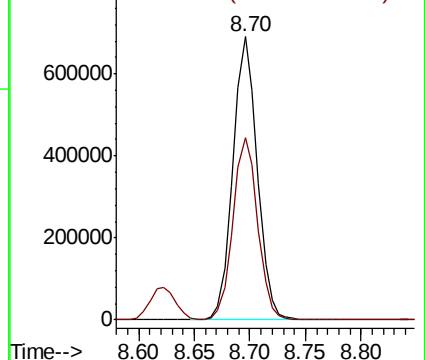
98 100

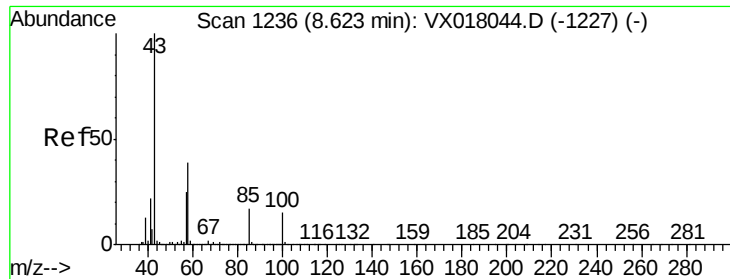
100 65.3 52.2 78.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

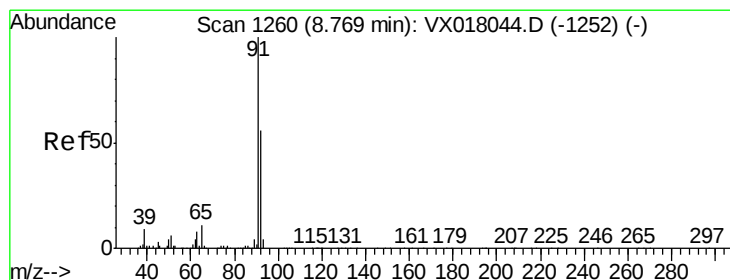
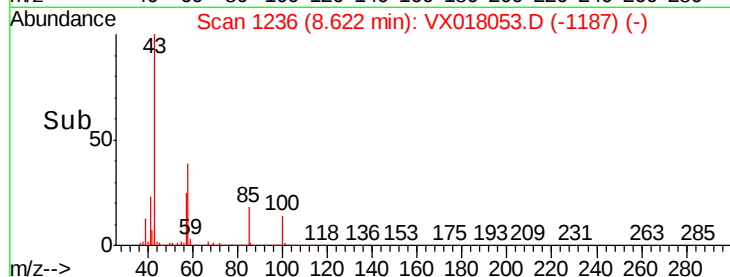
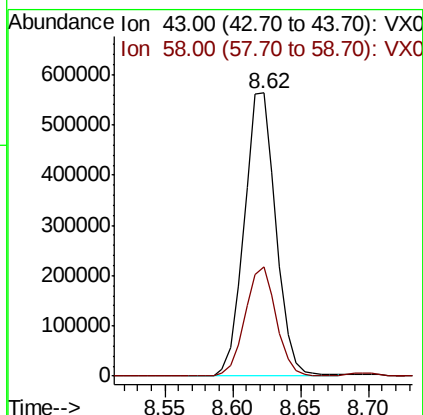
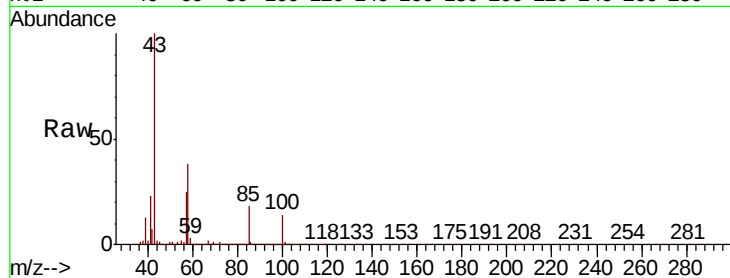




#51
 4-Methyl-2-Pentanone
 Concen: 88.135 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VX018053.D
 Acq: 21 Aug 2020 13:05

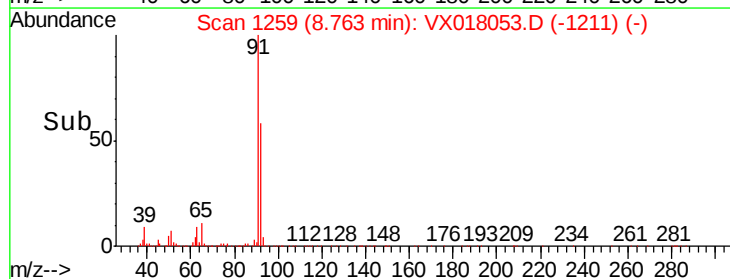
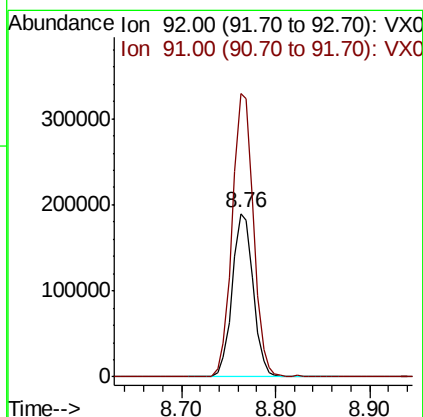
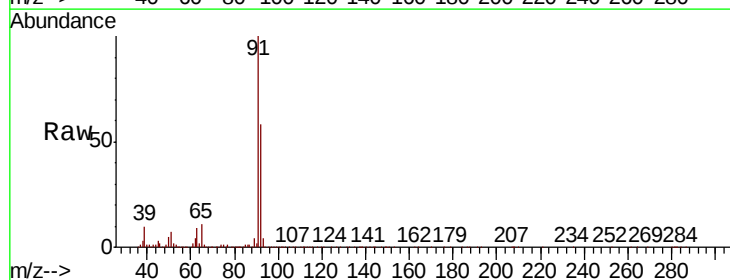
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBSD02

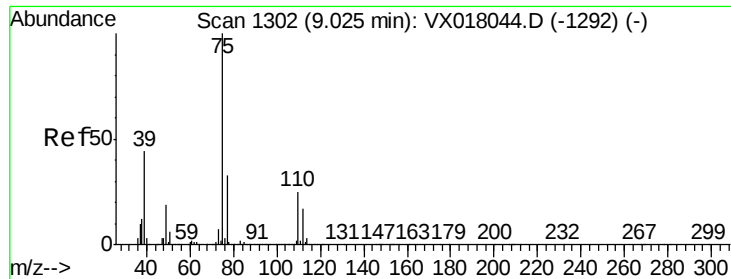
Tot Ion: 43 Resp: 914209
 Ion Ratio Lower Upper
 43 100
 58 37.7 30.7 46.1



#52
 Toluene
 Concen: 17.543 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. -0.01 min
 Lab File: VX018053.D
 Acq: 21 Aug 2020 13:05

Tgt Ion: 92 Resp: 292595
 Ion Ratio Lower Upper
 92 100
 91 176.1 140.3 210.5





#53

t-1,3-Dichloropropene

Concen: 17.393 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX018053.D

Acq: 21 Aug 2020 13:05

Instrument :

MSVOA_X

ClientSampleId :

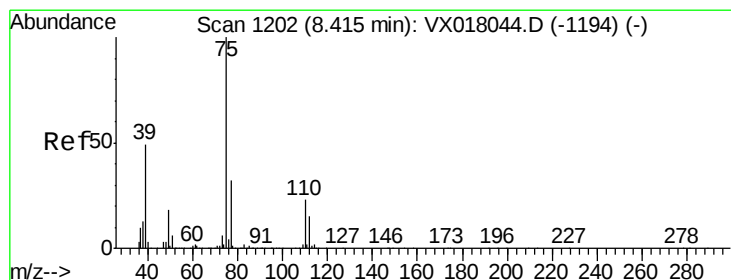
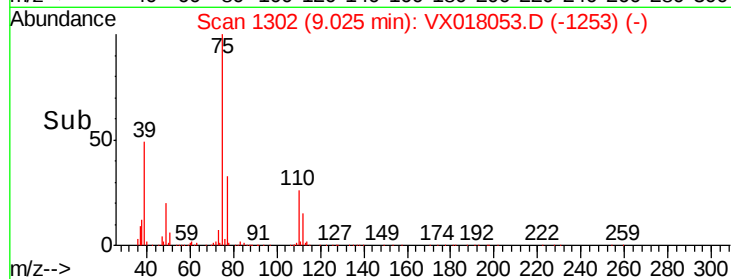
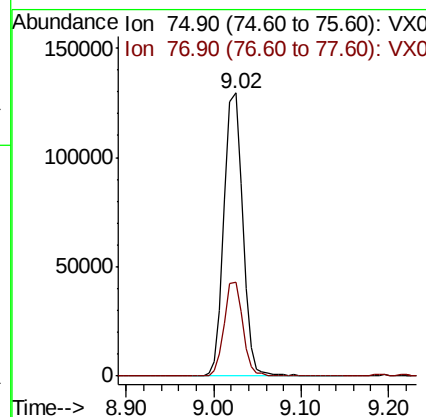
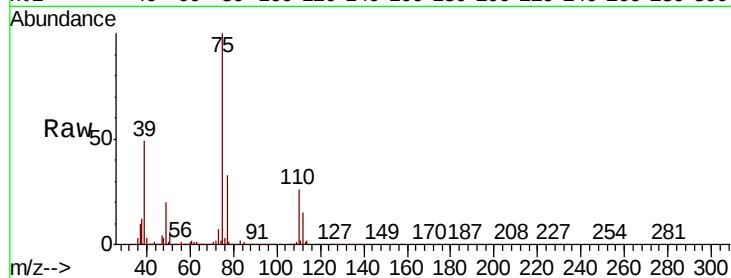
VX0821WBSD02

Tot Ion: 75 Resp: 191873

Ion Ratio Lower Upper

75 100

77 33.2 26.6 39.8



#54

cis-1,3-Dichloropropene

Concen: 18.240 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX018053.D

Acq: 21 Aug 2020 13:05

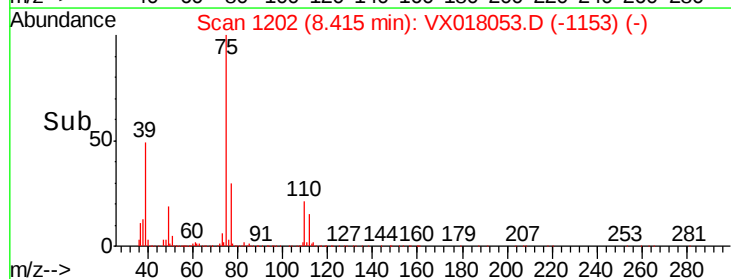
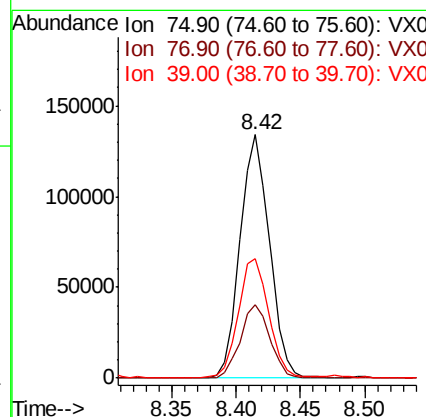
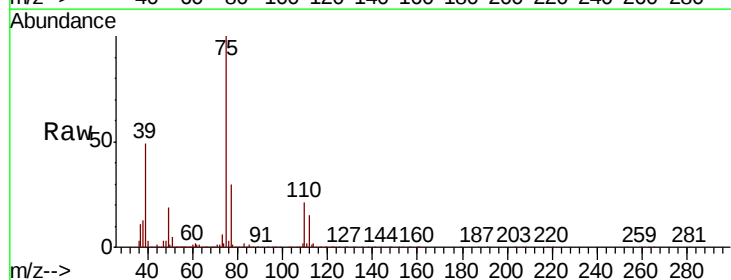
Tgt Ion: 75 Resp: 213165

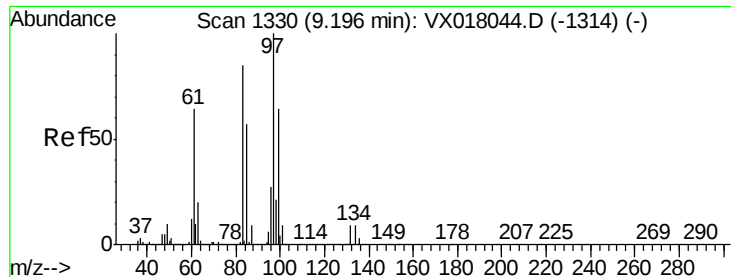
Ion Ratio Lower Upper

75 100

77 30.1 25.8 38.8

39 48.6 38.8 58.2

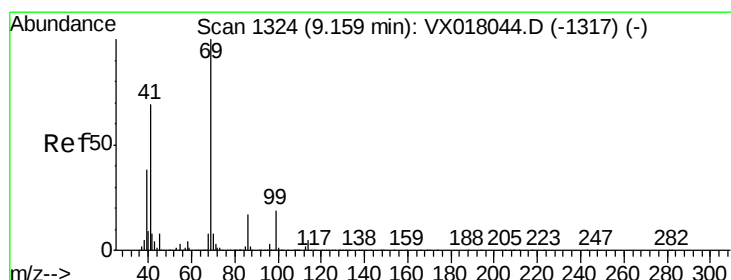
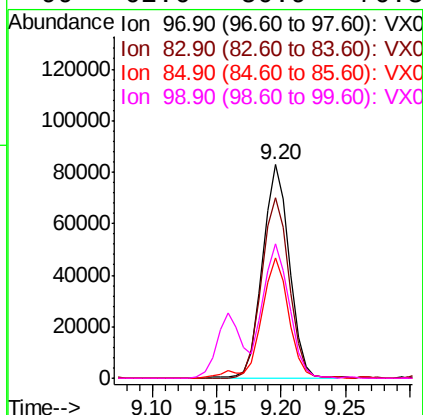
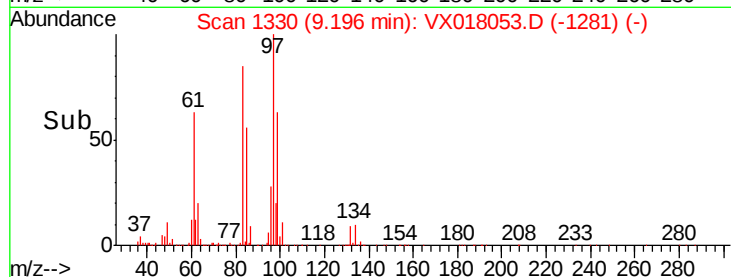
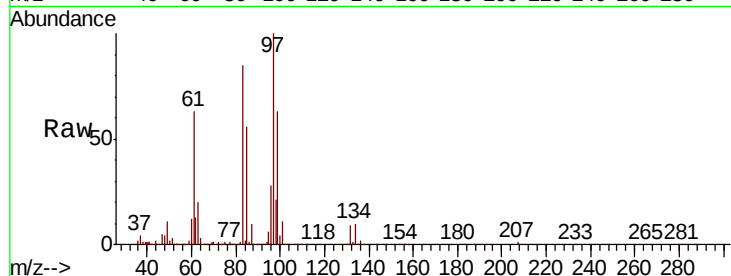




#55
 1,1,2-Trichloroethane
 Concen: 16.867 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX018053.D
 Acq: 21 Aug 2020 13:05

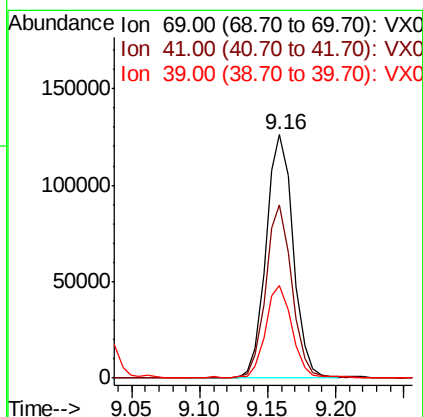
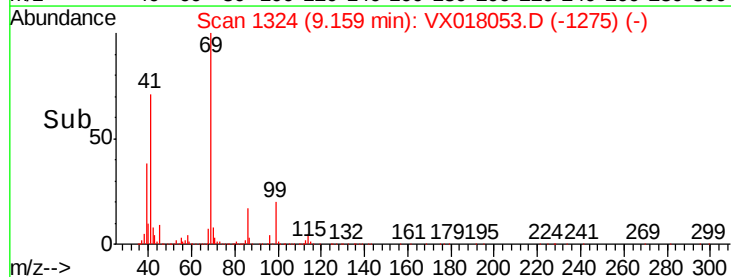
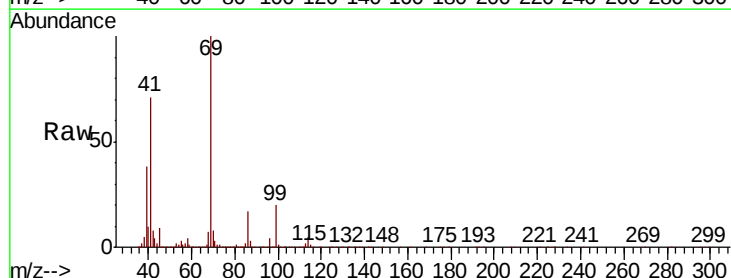
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBSD02

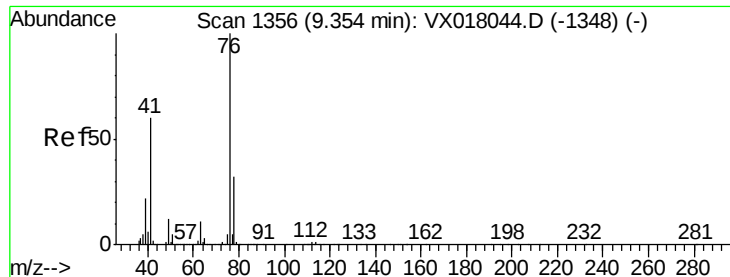
Tot Ion:	97	Resp:	119979
Ion	Ratio	Lower	Upper
97	100		
83	84.8	67.8	101.6
85	56.2	45.3	67.9
99	62.6	50.9	76.3



#56
 Ethyl methacrylate
 Concen: 16.738 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX018053.D
 Acq: 21 Aug 2020 13:05

Tgt Ion:	69	Resp:	176995
Ion	Ratio	Lower	Upper
69	100		
41	68.9	54.6	81.8
39	37.1	29.1	43.7





#57

1,3-Dichloropropane

Concen: 17.220 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX018053.D

Acq: 21 Aug 2020 13:05

Instrument :

MSVOA_X

ClientSampleId :

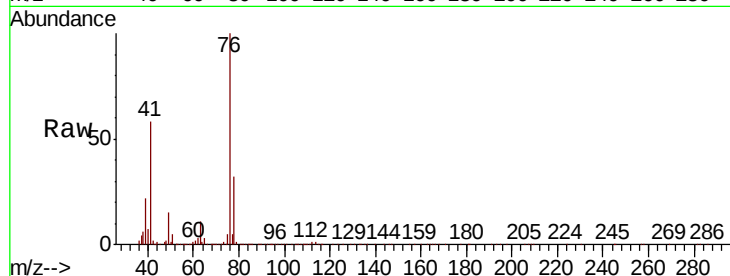
VX0821WBSD02

Tot Ion: 76 Resp: 202036

Ion Ratio Lower Upper

76 100

78 32.3 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

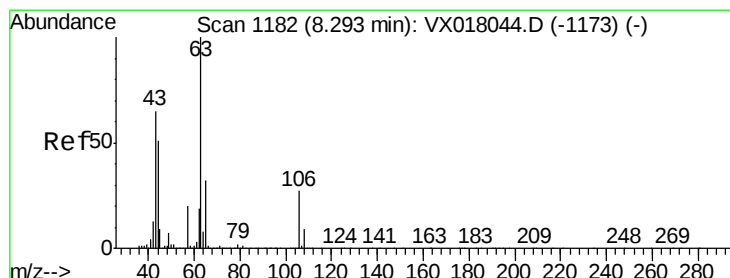
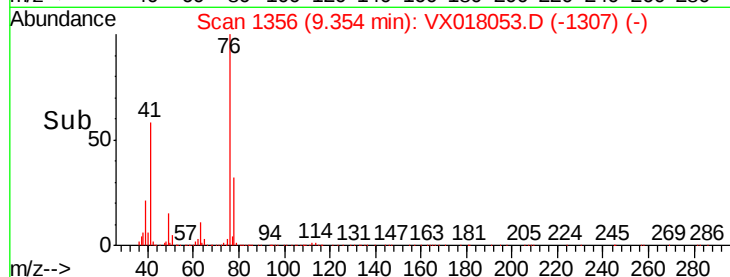
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 91.579 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX018053.D

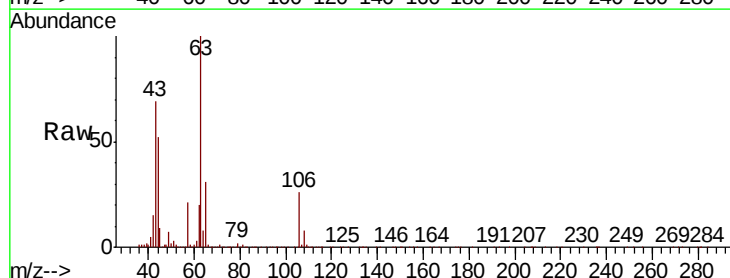
Acq: 21 Aug 2020 13:05

Tgt Ion: 63 Resp: 435641

Ion Ratio Lower Upper

63 100

106 26.9 22.1 33.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.29

300000

250000

200000

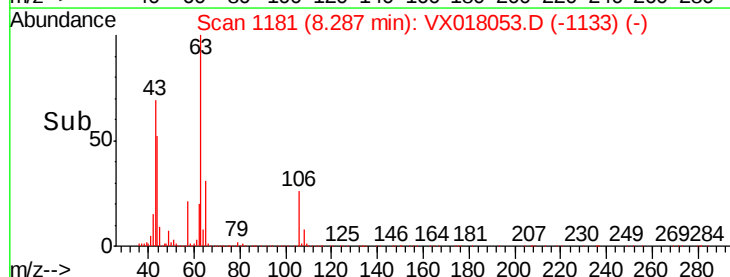
150000

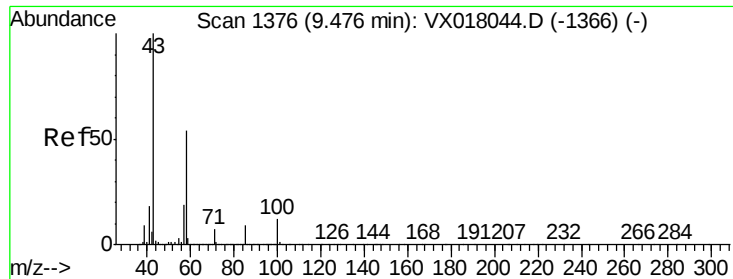
100000

50000

0

Time-->

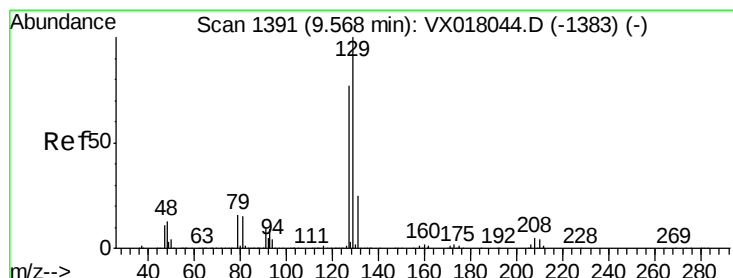
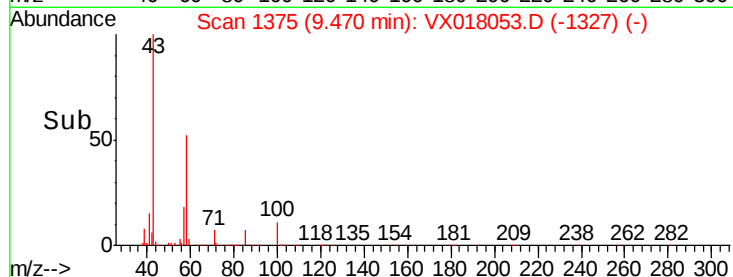
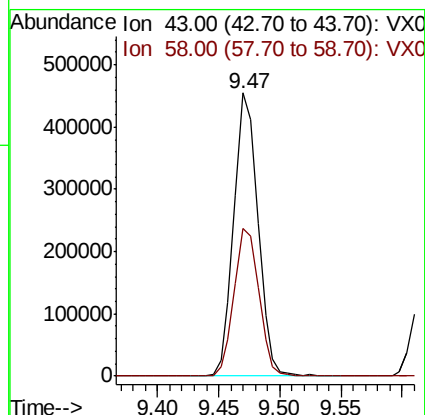
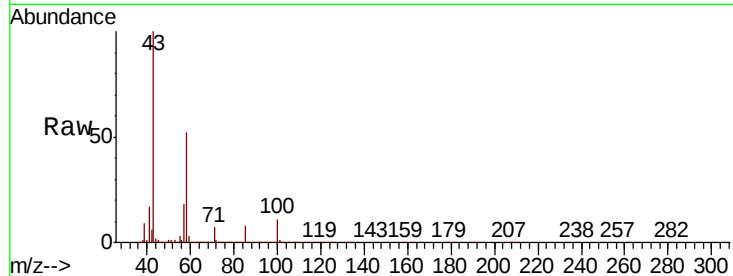




#59
2-Hexanone
Concen: 78.542 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX018053.D
Acq: 21 Aug 2020 13:05

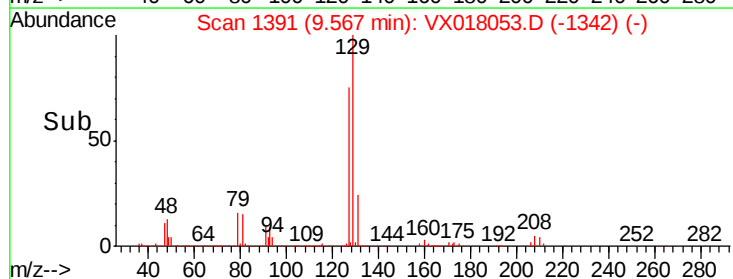
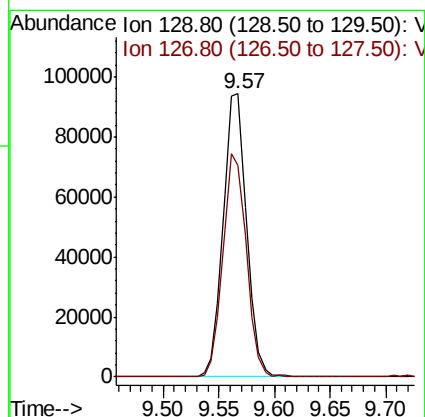
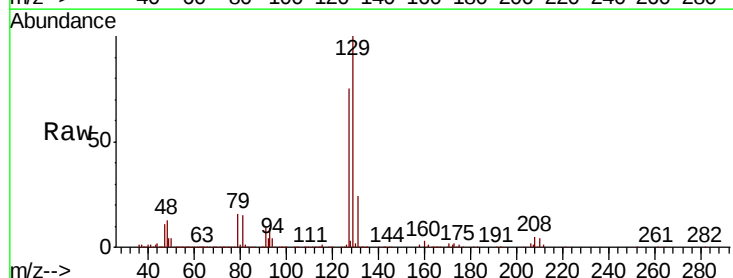
Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD02

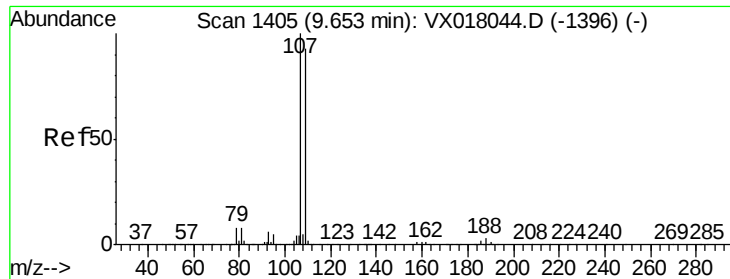
Tot Ion: 43 Resp: 619492
Ion Ratio Lower Upper
43 100
58 54.1 26.6 79.7



#60
Dibromochloromethane
Concen: 16.544 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX018053.D
Acq: 21 Aug 2020 13:05

Tgt Ion: 129 Resp: 138051
Ion Ratio Lower Upper
129 100
127 78.5 38.9 116.6

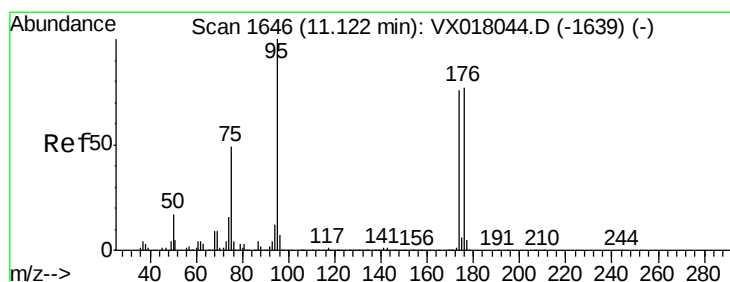
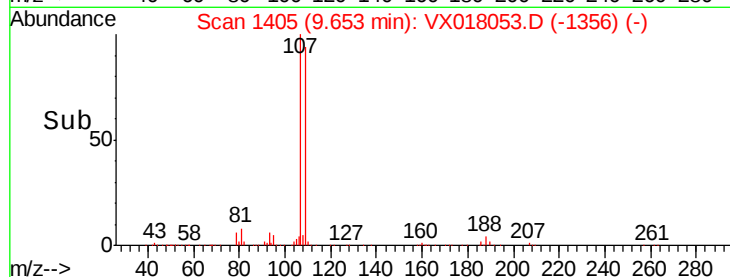
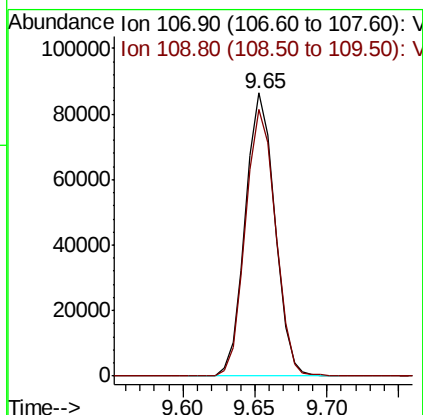
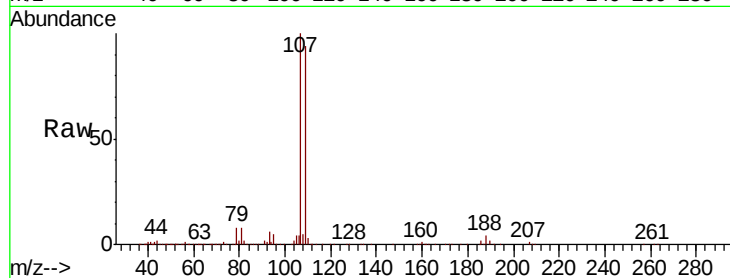




#61
 1,2-Dibromoethane
 Concen: 15.897 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX018053.D
 Acq: 21 Aug 2020 13:05

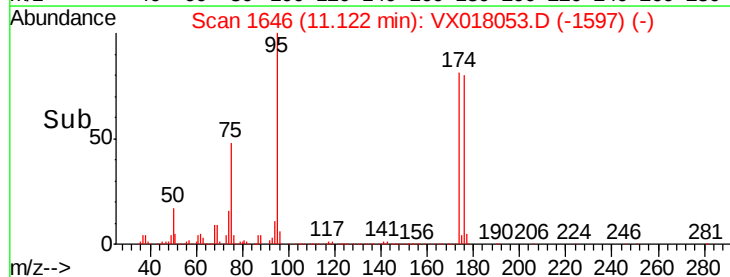
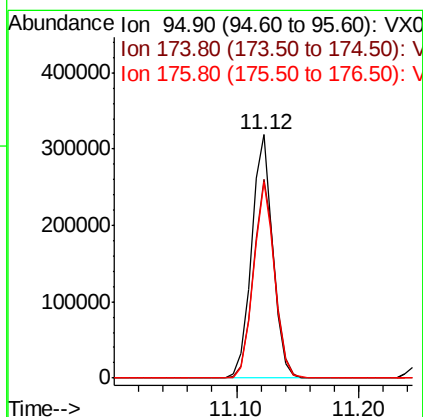
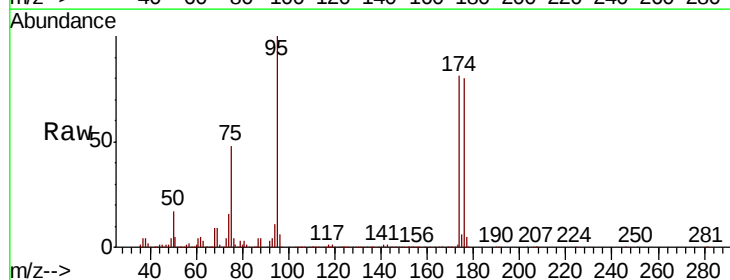
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBSD02

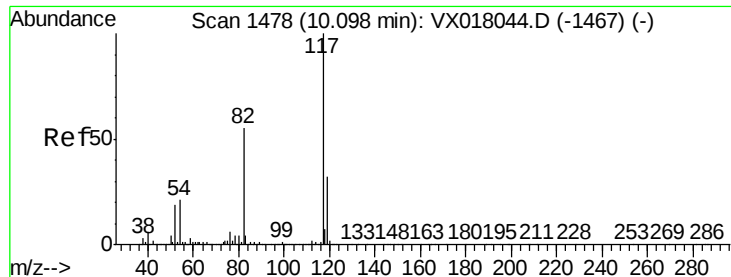
Tot Ion: 107 Resp: 122767
 Ion Ratio Lower Upper
 107 100
 109 95.7 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 39.771 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX018053.D
 Acq: 21 Aug 2020 13:05

Tgt Ion: 95 Resp: 385210
 Ion Ratio Lower Upper
 95 100
 174 82.5 0.0 160.2
 176 79.9 0.0 155.8

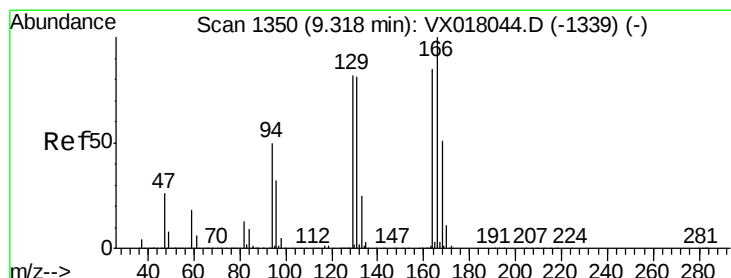
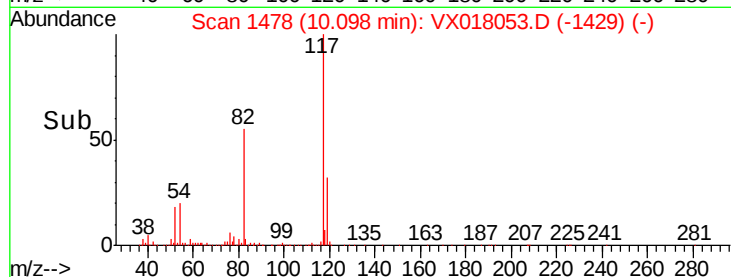
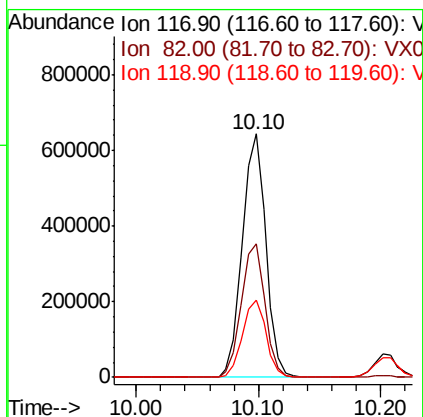
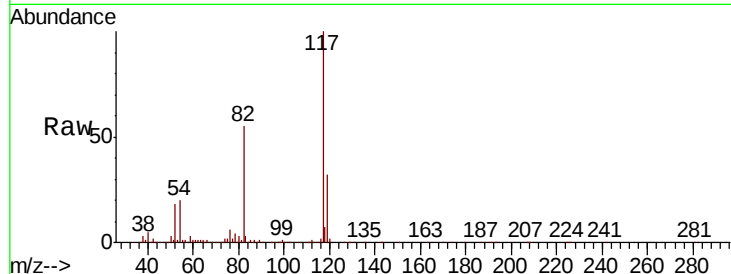




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018053.D
Acq: 21 Aug 2020 13:05

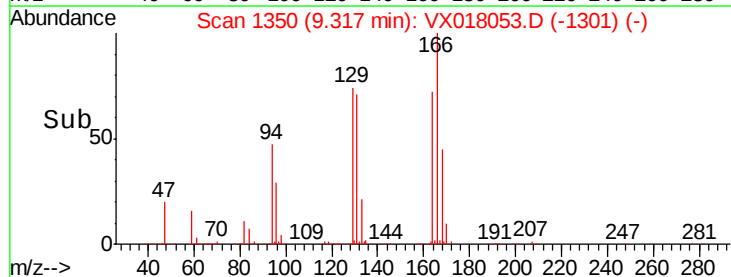
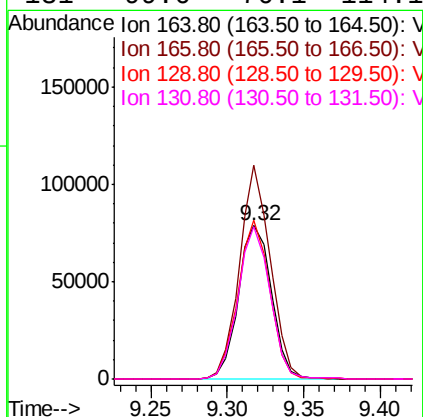
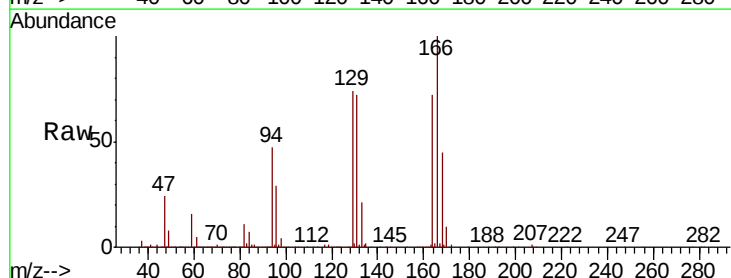
Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD02

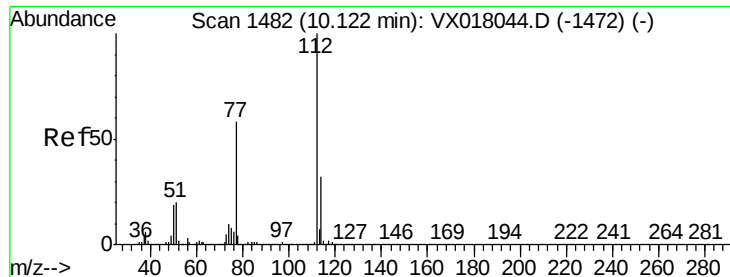
Tot Ion:117 Resp: 857543
Ion Ratio Lower Upper
117 100
82 54.7 44.2 66.2
119 31.7 25.7 38.5



#64
Tetrachloroethene
Concen: 18.793 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018053.D
Acq: 21 Aug 2020 13:05

Tgt Ion:164 Resp: 118431
Ion Ratio Lower Upper
164 100
166 139.2 94.2 141.2
129 103.6 76.9 115.3
131 99.6 76.1 114.1

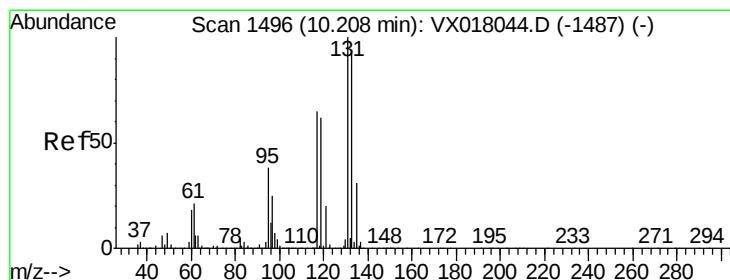
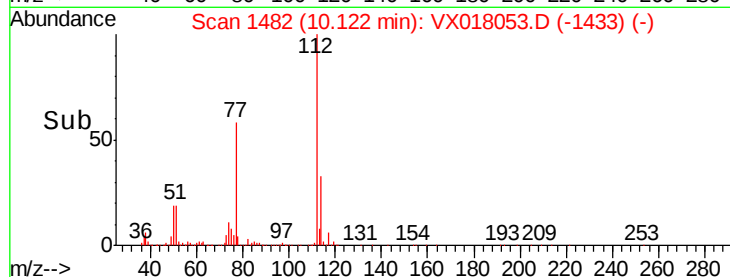
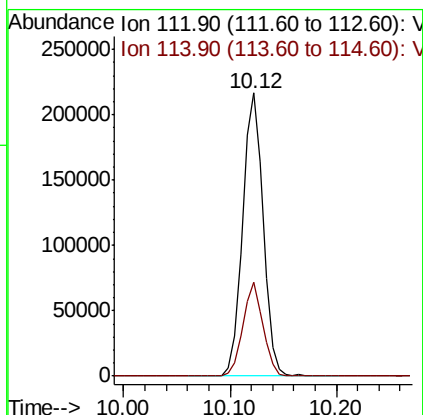
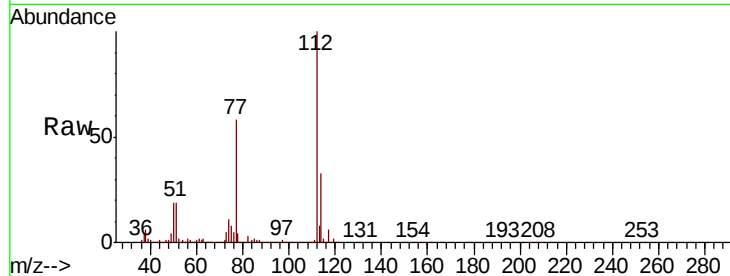




#65
Chlorobenzene
Concen: 17.179 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX018053.D
Acq: 21 Aug 2020 13:05

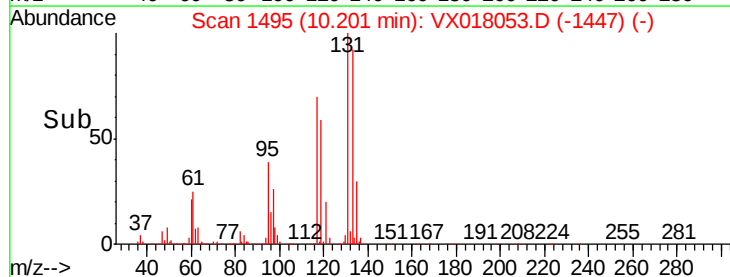
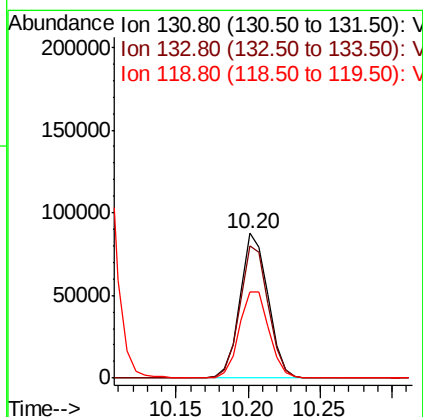
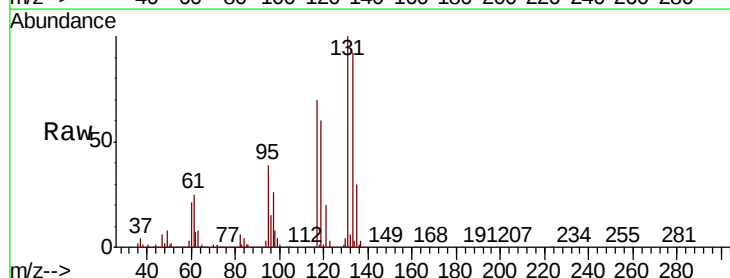
Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD02

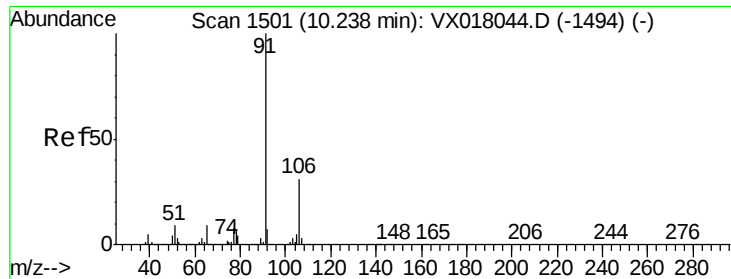
Tot Ion:112 Resp: 294223
Ion Ratio Lower Upper
112 100
114 33.0 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 17.551 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX018053.D
Acq: 21 Aug 2020 13:05

Tgt Ion:131 Resp: 118477
Ion Ratio Lower Upper
131 100
133 92.3 46.7 140.1
119 63.3 31.8 95.4

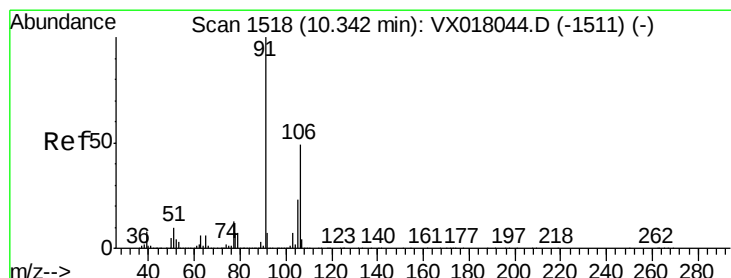
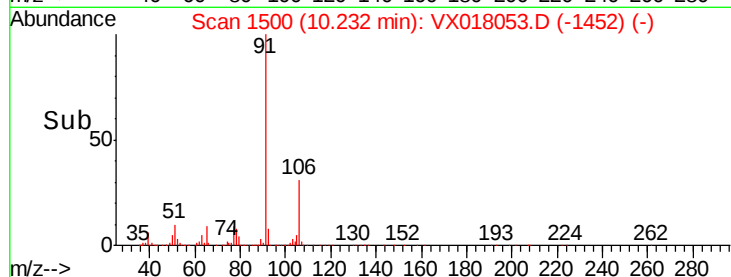
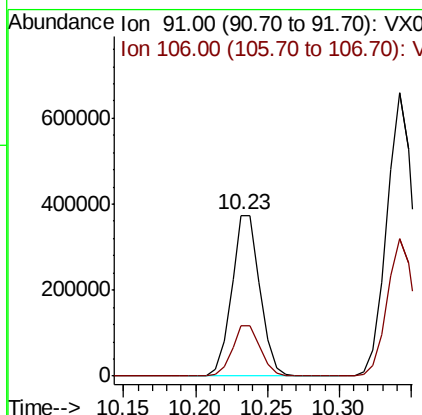
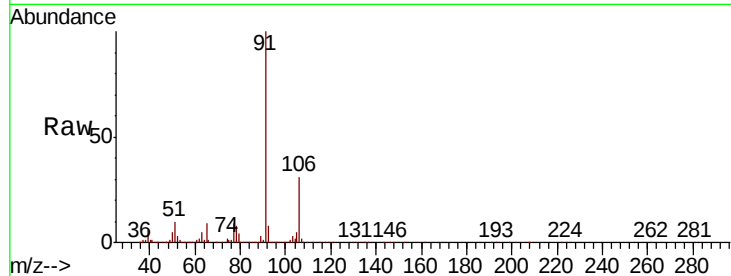




#67
Ethyl Benzene
Concen: 17.582 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.01 min
Lab File: VX018053.D
Acq: 21 Aug 2020 13:05

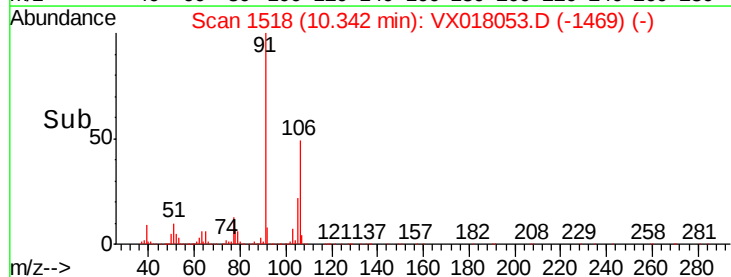
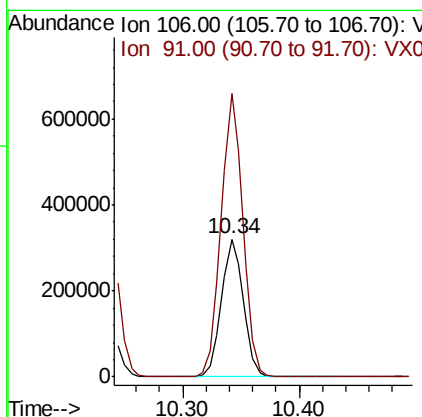
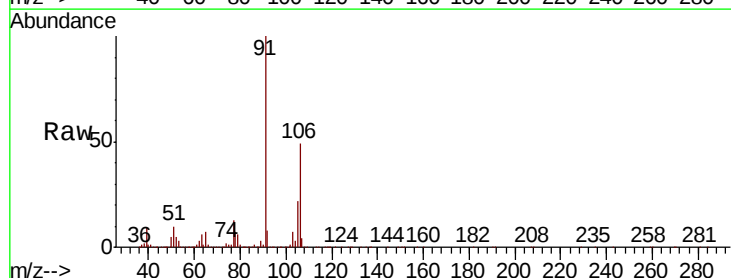
Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD02

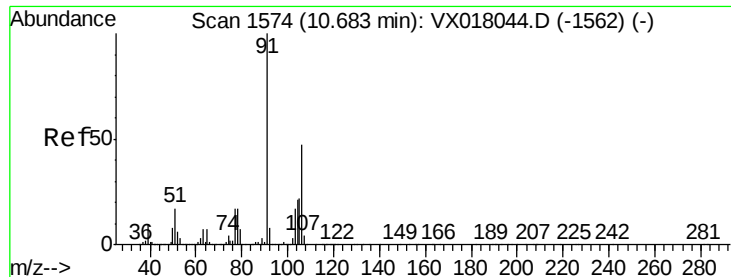
Tot Ion: 91 Resp: 512103
Ion Ratio Lower Upper
91 100
106 31.3 24.9 37.3



#68
m/p-Xylenes
Concen: 38.290 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX018053.D
Acq: 21 Aug 2020 13:05

Tgt Ion: 106 Resp: 416258
Ion Ratio Lower Upper
106 100
91 204.1 162.2 243.2

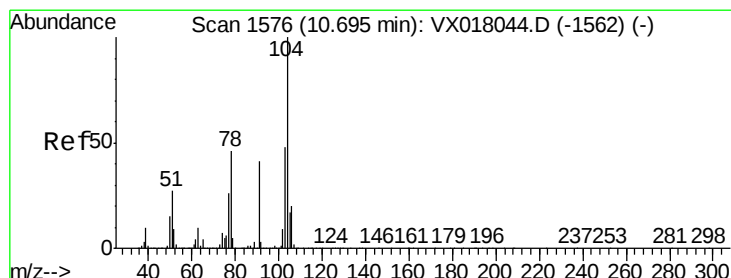
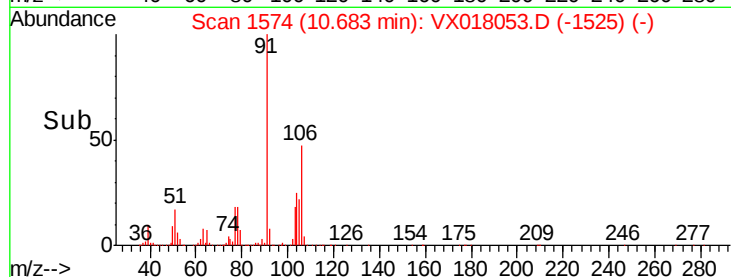
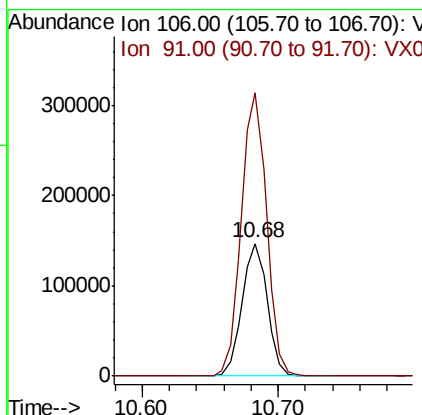
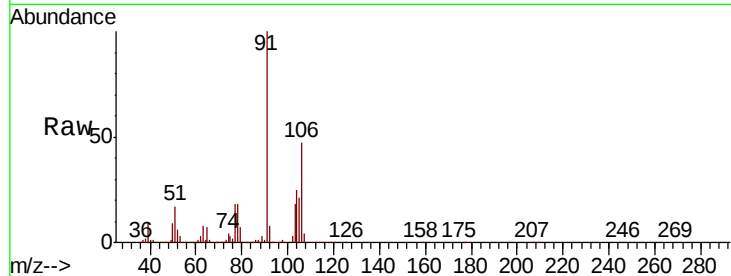




#69
o-Xylene
Concen: 18.097 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018053.D
Acq: 21 Aug 2020 13:05

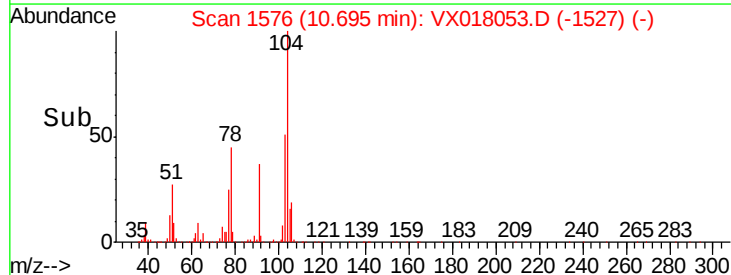
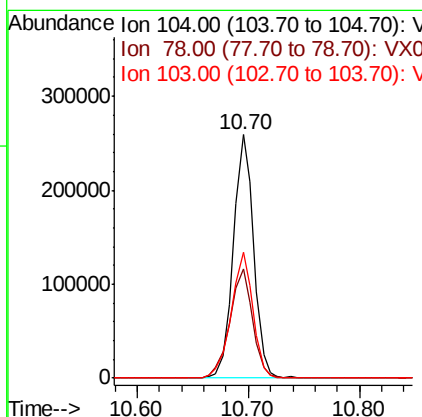
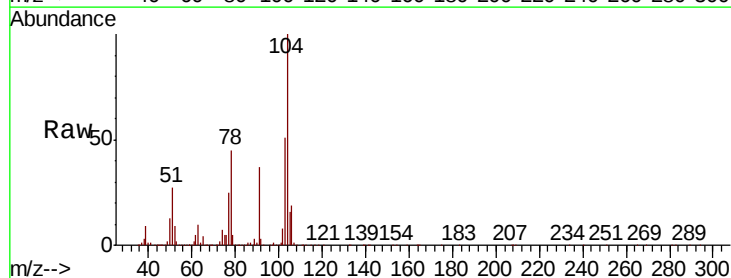
Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD02

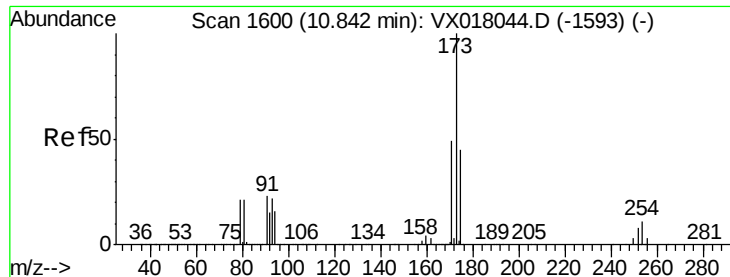
Tot Ion:106 Resp: 190716
Ion Ratio Lower Upper
106 100
91 214.0 107.1 321.3



#70
Styrene
Concen: 18.231 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018053.D
Acq: 21 Aug 2020 13:05

Tgt Ion:104 Resp: 327191
Ion Ratio Lower Upper
104 100
78 49.9 40.9 61.3
103 55.0 43.6 65.4





#71

Bromoform

Concen: 18.278 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX018053.D

Acq: 21 Aug 2020 13:05

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBSD02

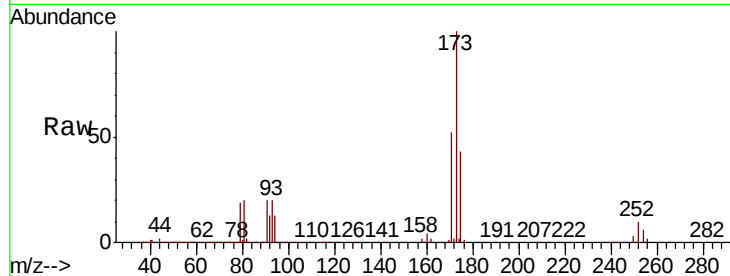
Tot Ion:173 Resp: 105240

Ion Ratio Lower Upper

173 100

175 45.5 23.9 71.8

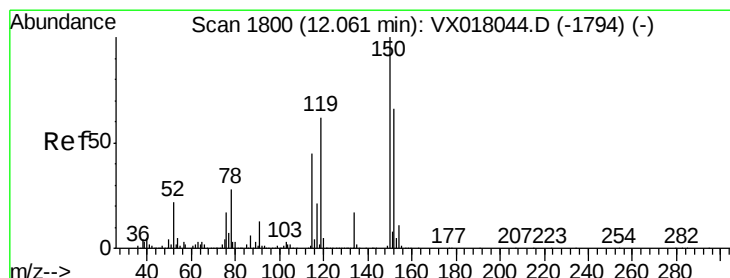
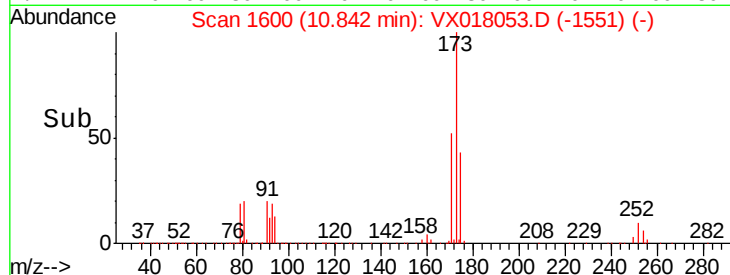
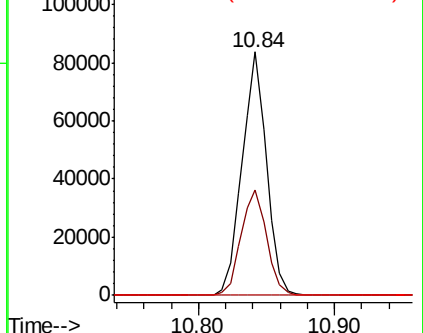
254 0.2 0.2 0.2



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: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX018053.D

Acq: 21 Aug 2020 13:05

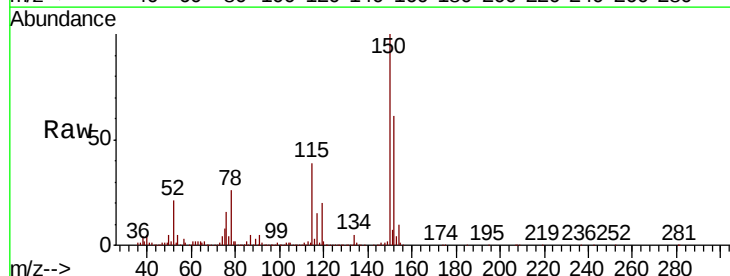
Tgt Ion:152 Resp: 458648

Ion Ratio Lower Upper

152 100

115 66.9 41.5 124.5

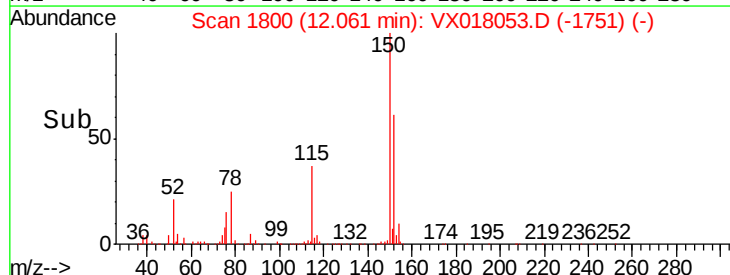
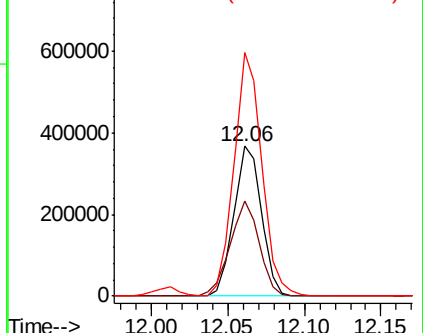
150 163.4 0.0 343.8

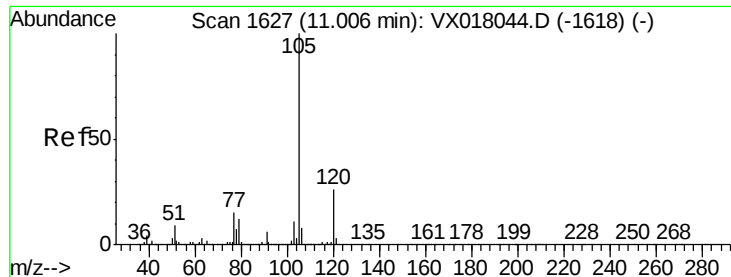


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 17.097 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX018053.D

Acq: 21 Aug 2020 13:05

Instrument :

MSVOA_X

ClientSampleId :

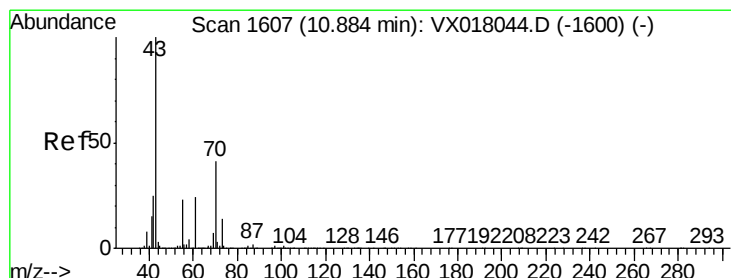
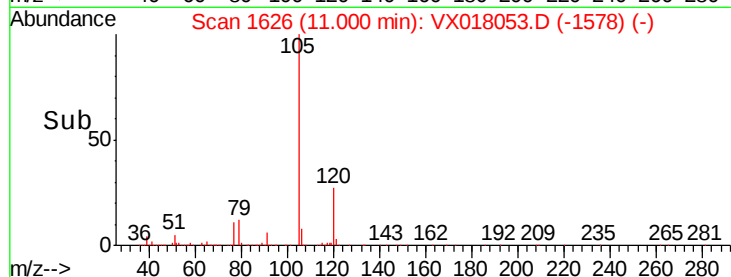
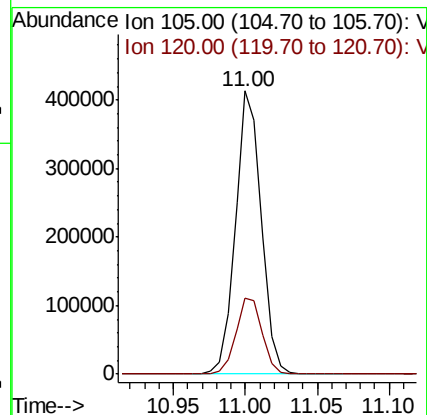
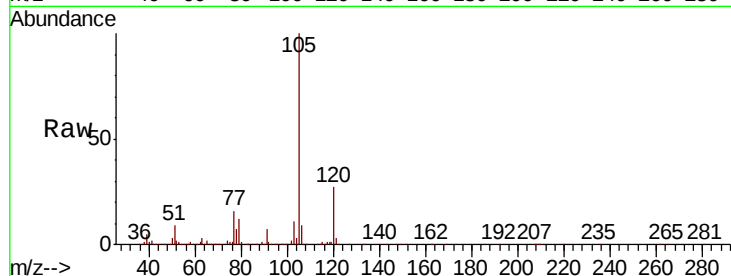
VX0821WBSD02

Tot Ion: 105 Resp: 517238

Ion Ratio Lower Upper

105 100

120 27.3 13.2 39.5



#74

N-ethyl acetate

Concen: 16.591 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VX018053.D

Acq: 21 Aug 2020 13:05

Tgt Ion: 43 Resp: 238148

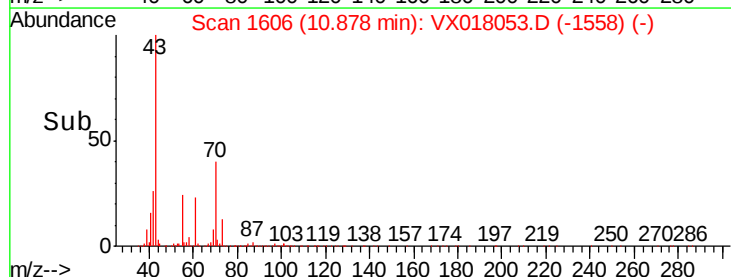
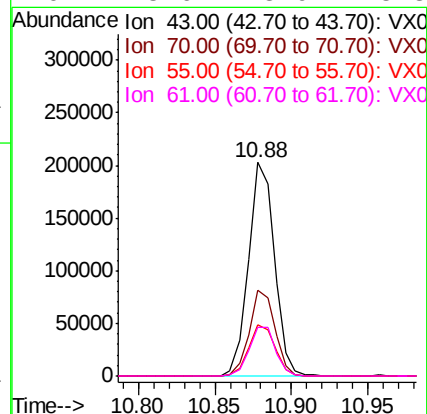
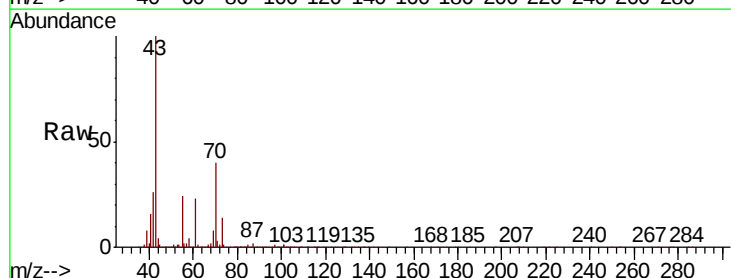
Ion Ratio Lower Upper

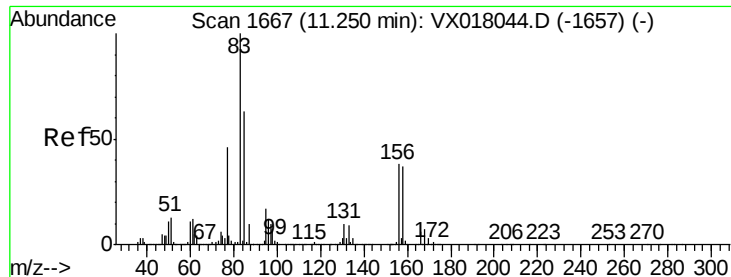
43 100

70 40.0 32.3 48.5

55 25.0 18.2 27.2

61 23.6 18.9 28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 15.859 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018053.D

Acq: 21 Aug 2020 13:05

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBSD02

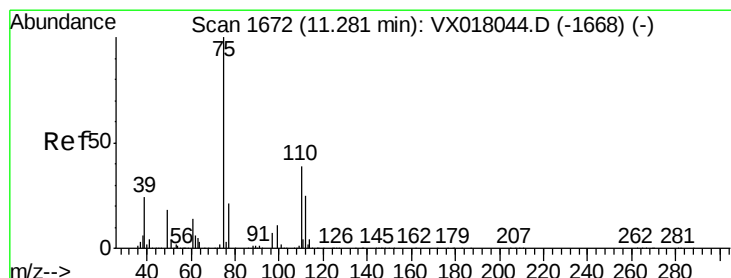
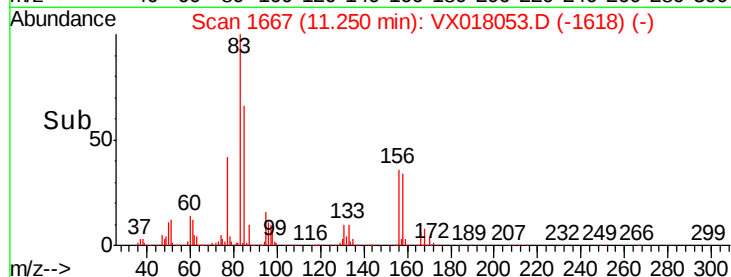
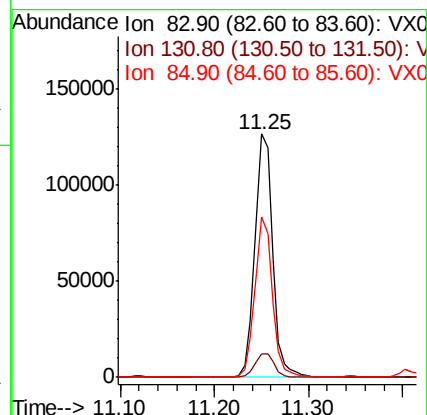
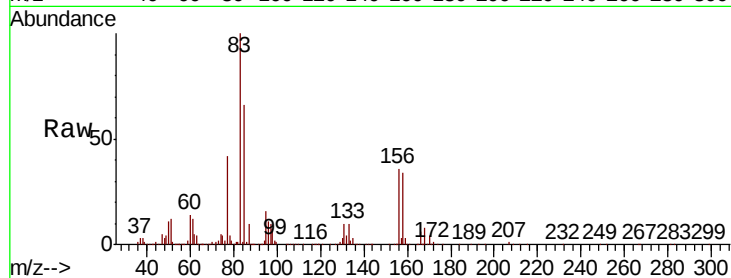
Tot Ion: 83 Resp: 169250

Ion Ratio Lower Upper

83 100

131 10.4 5.1 15.4

85 65.2 32.2 96.6



#76

1,2,3-Trichloropropane

Concen: 20.226 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX018053.D

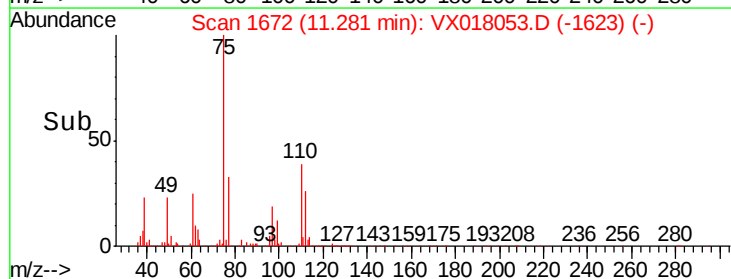
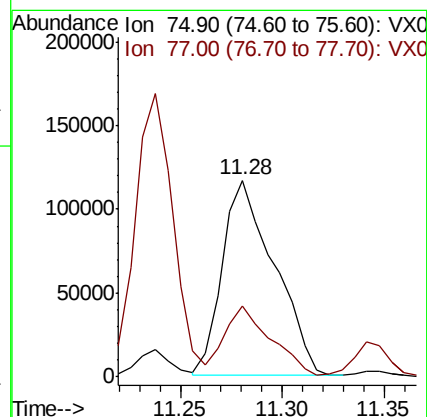
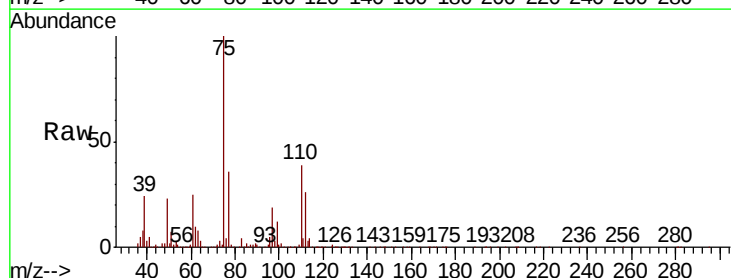
Acq: 21 Aug 2020 13:05

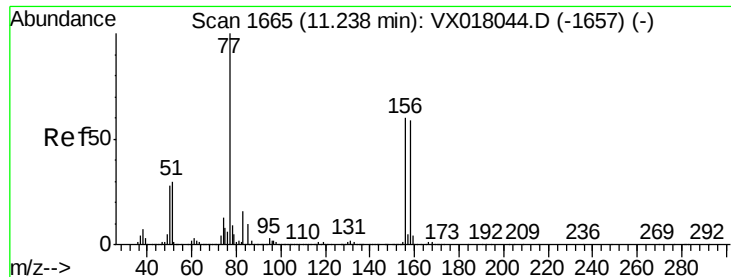
Tgt Ion: 75 Resp: 206363

Ion Ratio Lower Upper

75 100

77 32.5 20.8 62.2





#77

Bromobenzene

Concen: 16.595 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018053.D

Acq: 21 Aug 2020 13:05

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBSD02

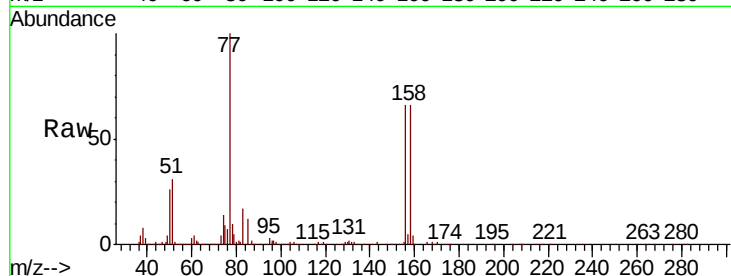
Tot Ion:156 Resp: 138772

Ion Ratio Lower Upper

156 100

77 157.7 80.0 240.2

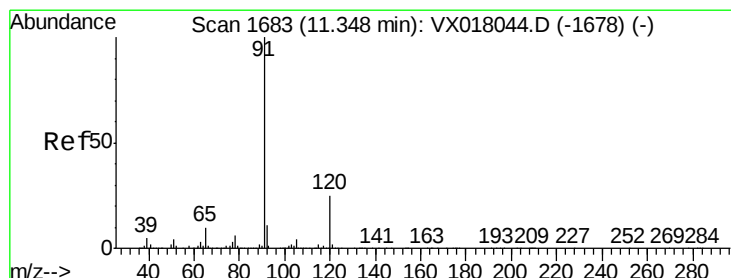
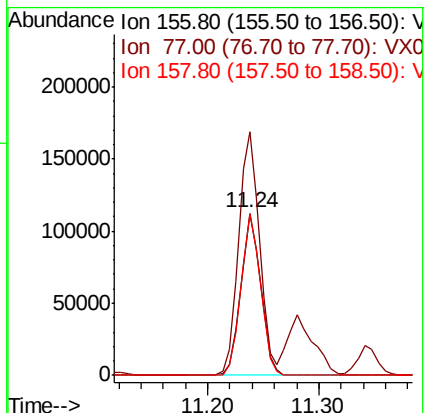
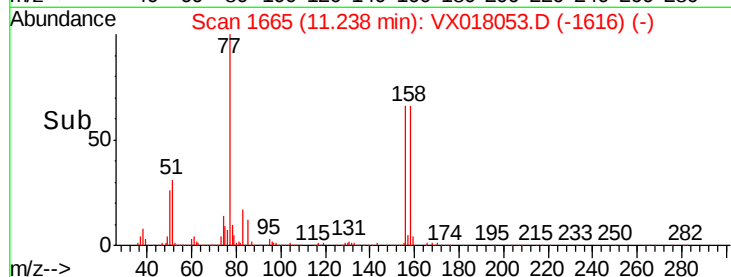
158 98.6 49.5 148.7



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: 17.385 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX018053.D

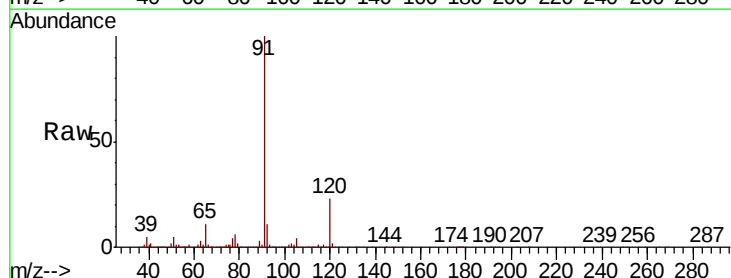
Acq: 21 Aug 2020 13:05

Tgt Ion: 91 Resp: 597184

Ion Ratio Lower Upper

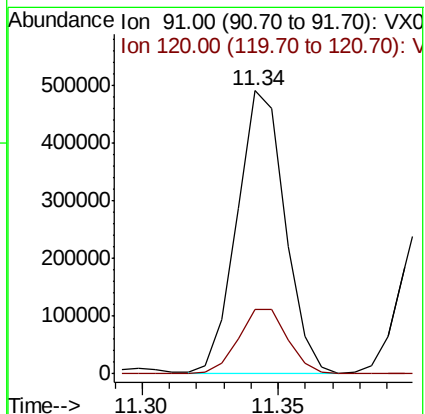
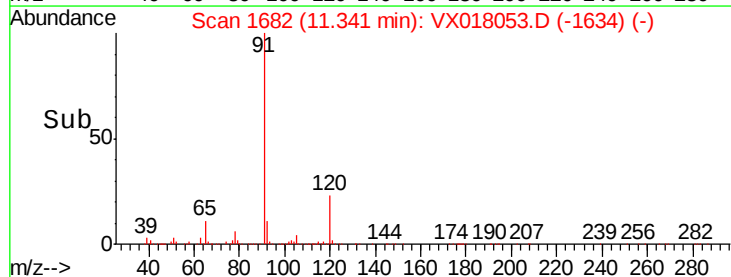
91 100

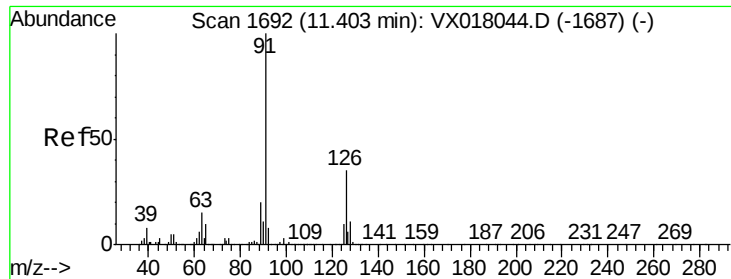
120 23.6 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

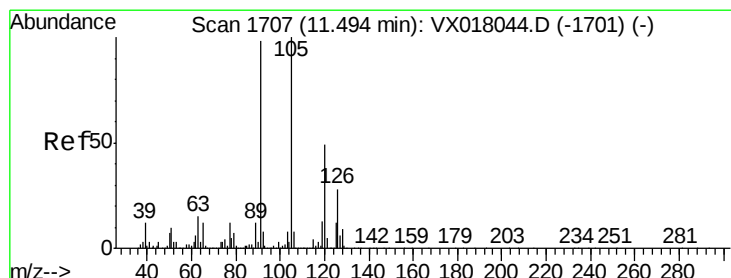
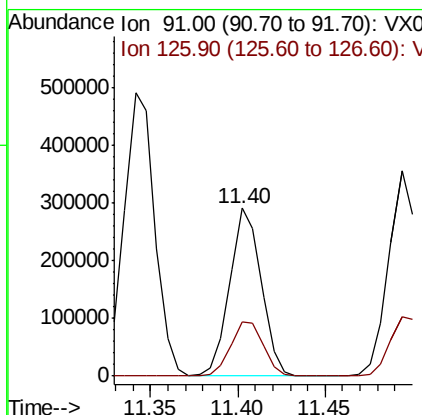
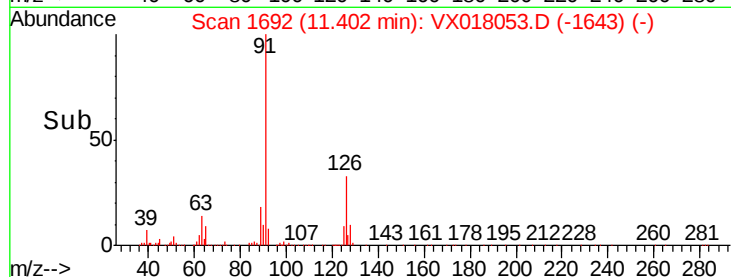
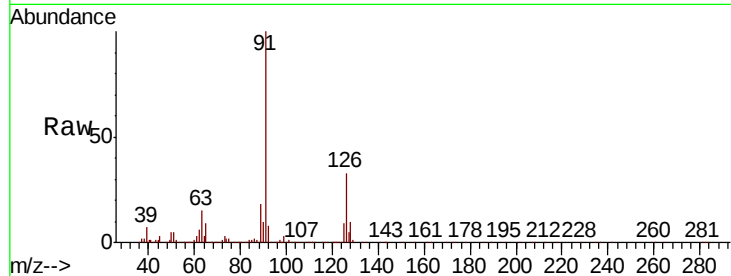




#79
 2-Chlorotoluene
 Concen: 17.143 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX018053.D
 Acq: 21 Aug 2020 13:05

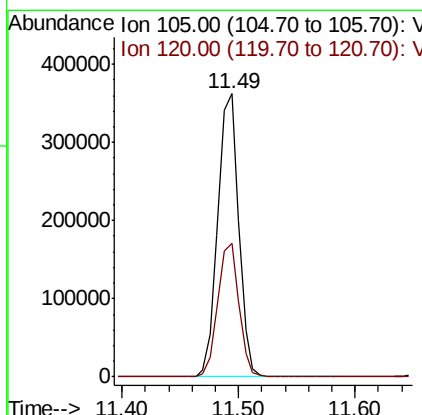
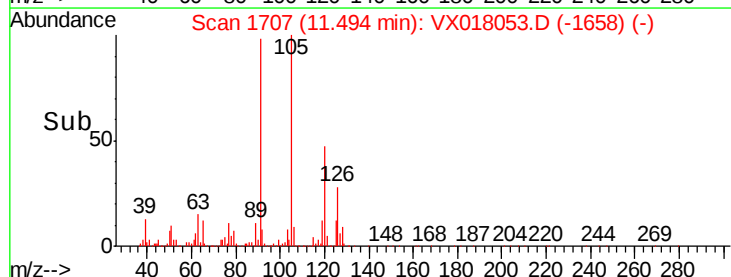
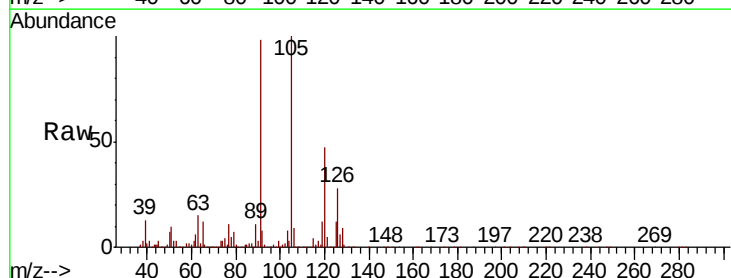
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBSD02

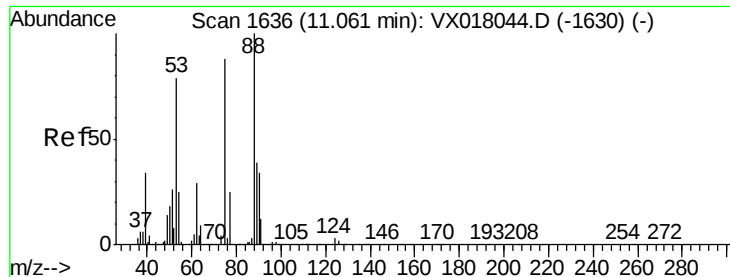
Tot Ion: 91 Resp: 363820
 Ion Ratio Lower Upper
 91 100
 126 34.2 17.4 52.2



#80
 1,3,5-Trimethylbenzene
 Concen: 17.968 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX018053.D
 Acq: 21 Aug 2020 13:05

Tgt Ion: 105 Resp: 446699
 Ion Ratio Lower Upper
 105 100
 120 47.9 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 17.168 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX018053.D

Acq: 21 Aug 2020 13:05

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBSD02

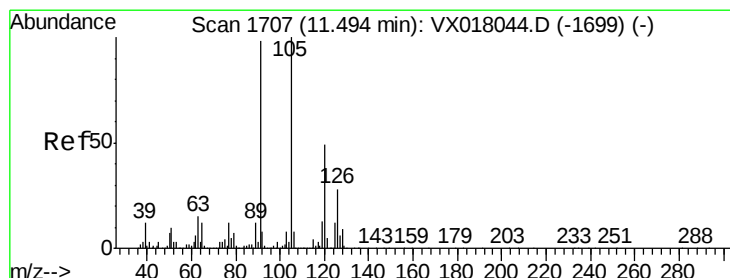
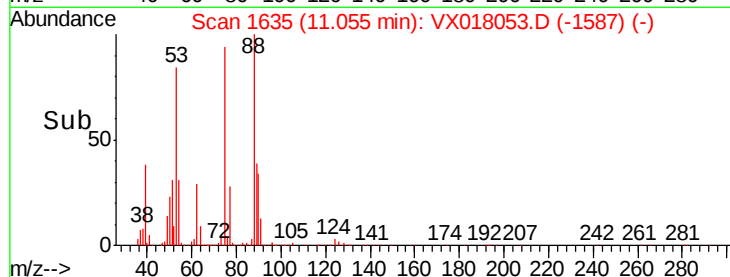
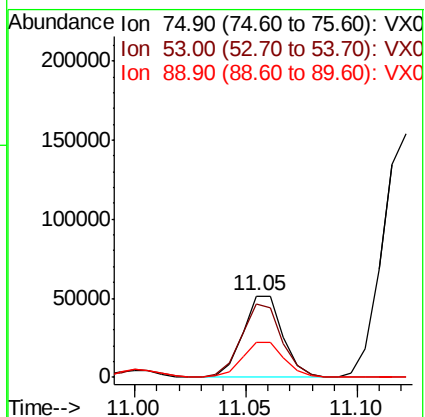
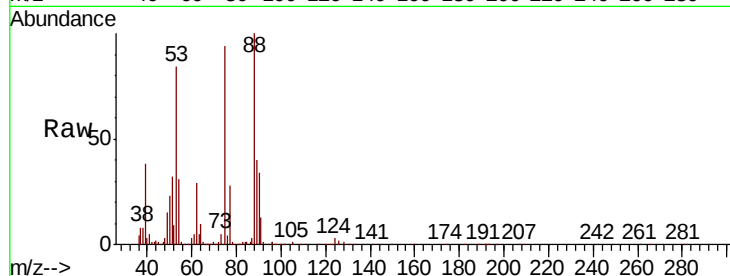
Tot Ion: 75 Resp: 64853

Ion Ratio Lower Upper

75 100

53 88.8 74.7 112.1

89 45.4 36.6 54.8



#82

4-Chlorotoluene

Concen: 16.817 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018053.D

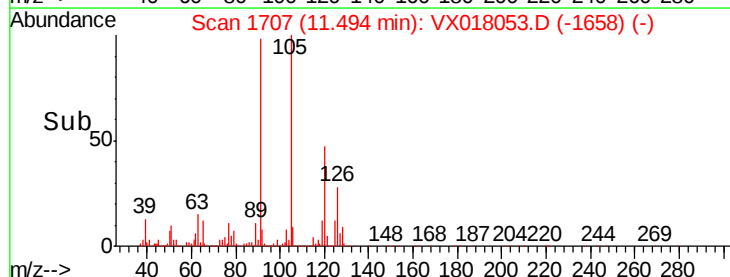
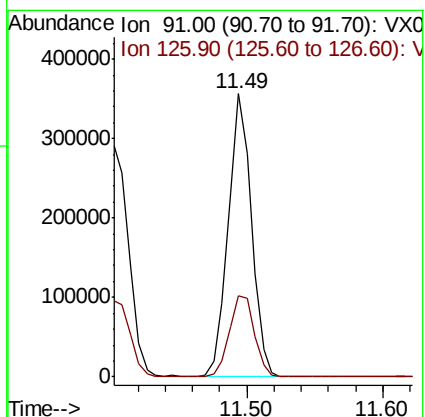
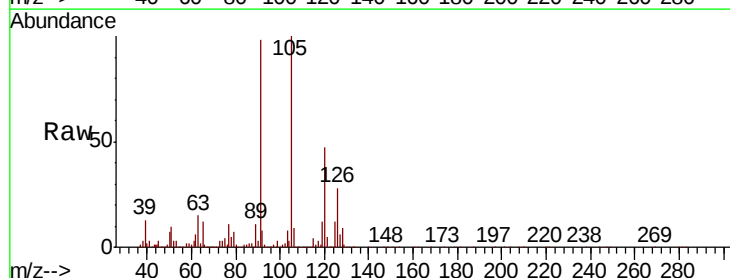
Acq: 21 Aug 2020 13:05

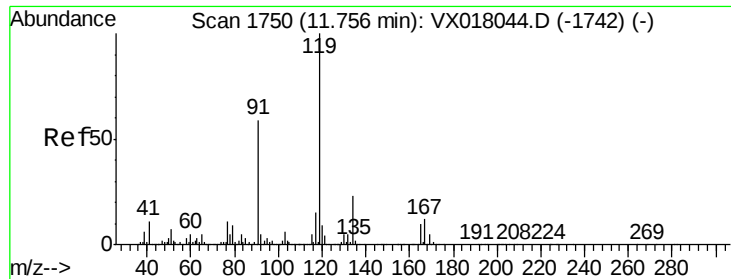
Tgt Ion: 91 Resp: 424286

Ion Ratio Lower Upper

91 100

126 30.7 15.1 45.3





#83

tert-Butylbenzene

Concen: 18.023 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX018053.D

Acq: 21 Aug 2020 13:05

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBSD02

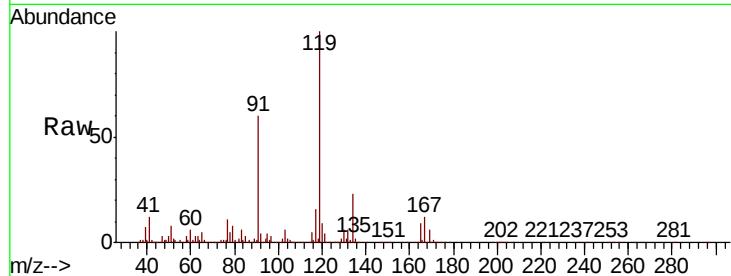
Tot Ion:119 Resp: 442166

Ion Ratio Lower Upper

119 100

91 57.8 28.2 84.7

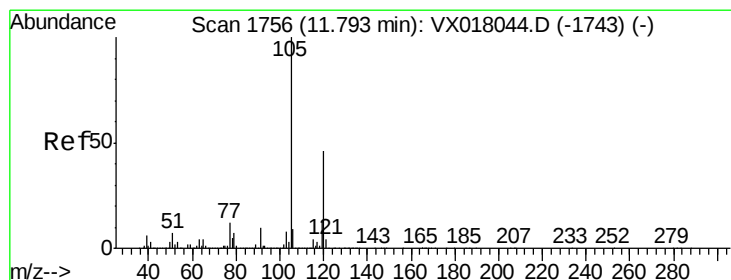
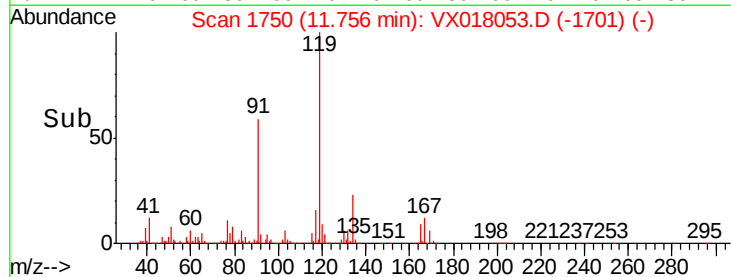
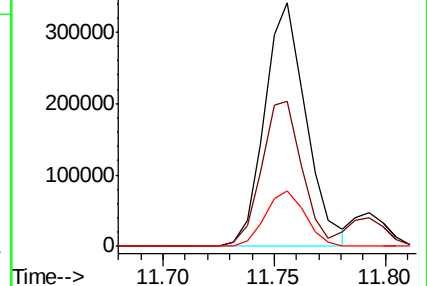
134 22.3 11.3 33.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 18.717 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX018053.D

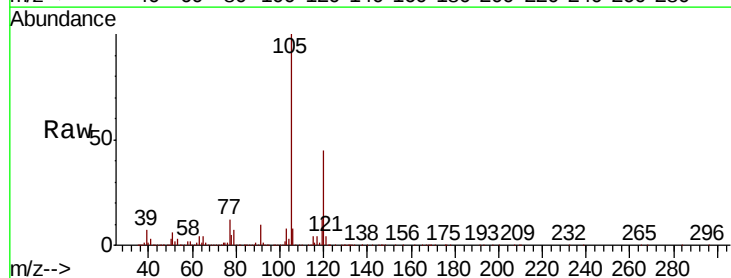
Acq: 21 Aug 2020 13:05

Tgt Ion:105 Resp: 475736

Ion Ratio Lower Upper

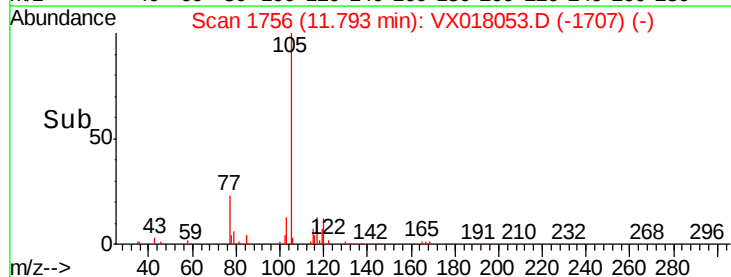
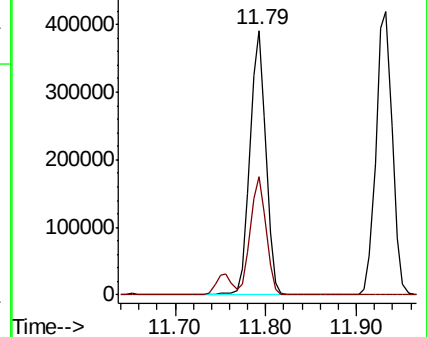
105 100

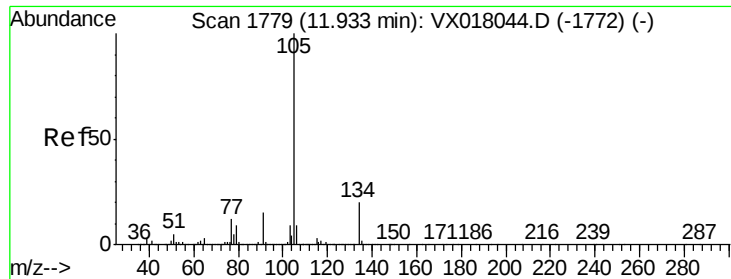
120 44.3 22.3 66.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 18.685 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX018053.D

Acq: 21 Aug 2020 13:05

Instrument :

MSVOA_X

ClientSampleId :

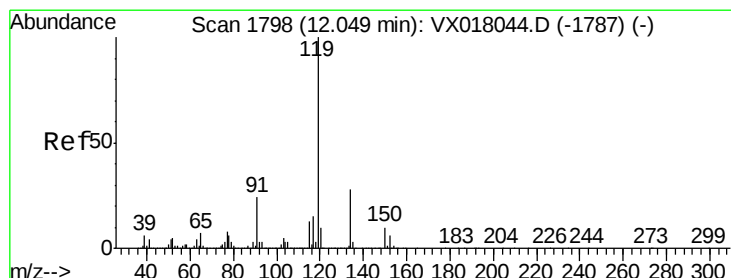
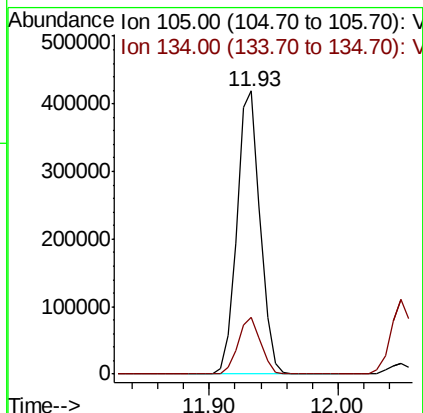
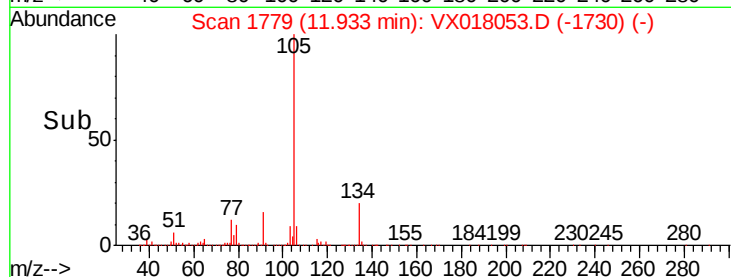
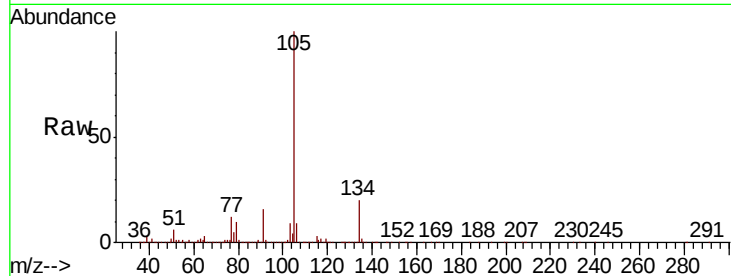
VX0821WBSD02

Tot Ion:105 Resp: 521310

Ion Ratio Lower Upper

105 100

134 19.7 10.1 30.3



#86

p-Isopropyltoluene

Concen: 18.876 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX018053.D

Acq: 21 Aug 2020 13:05

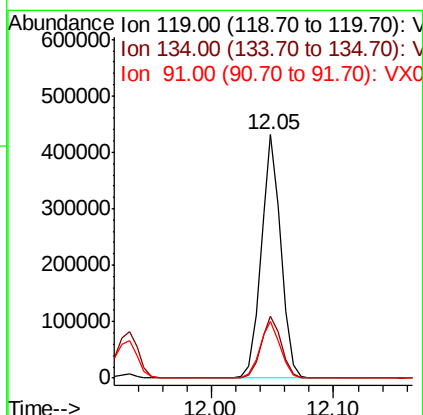
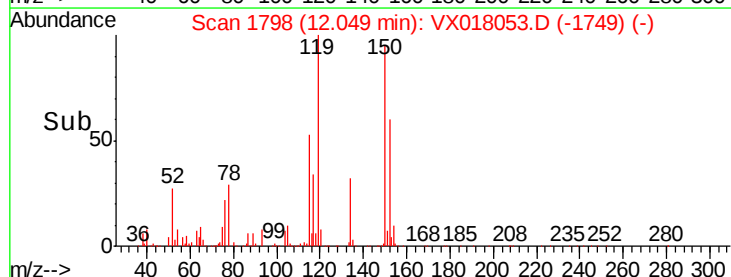
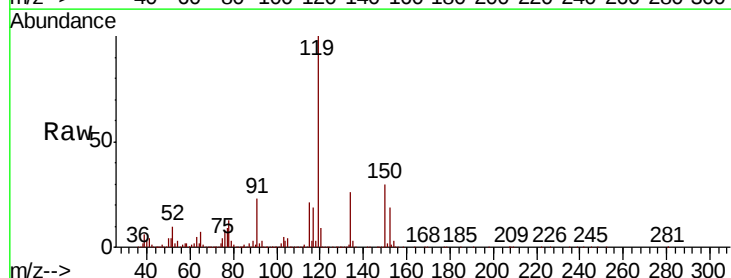
Tgt Ion:119 Resp: 483754

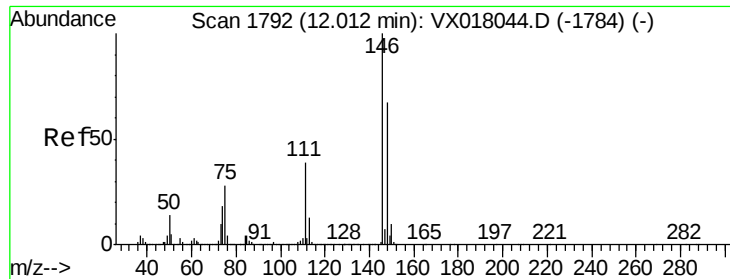
Ion Ratio Lower Upper

119 100

134 26.3 13.2 39.5

91 24.1 11.8 35.4

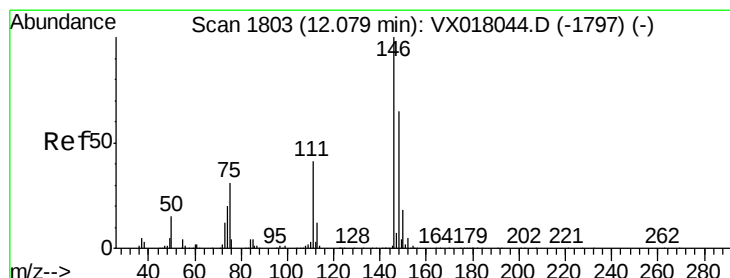
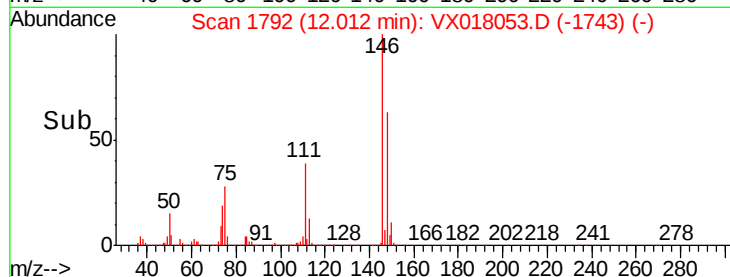
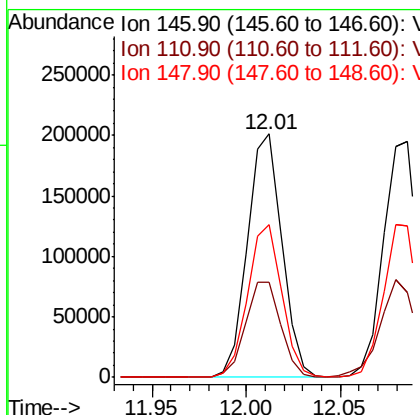
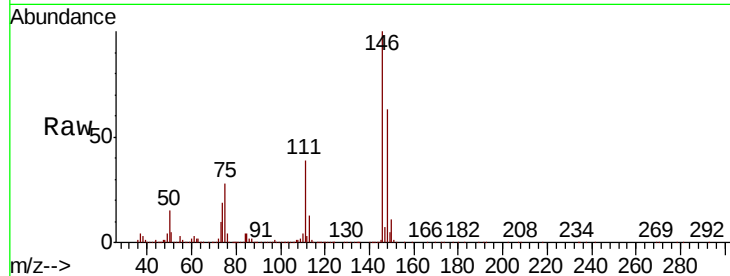




#87
 1,3-Dichlorobenzene
 Concen: 17.455 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX018053.D
 Acq: 21 Aug 2020 13:05

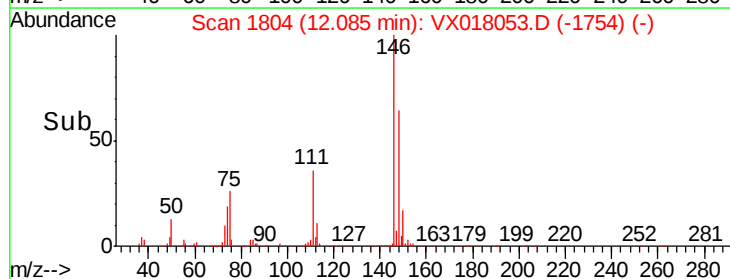
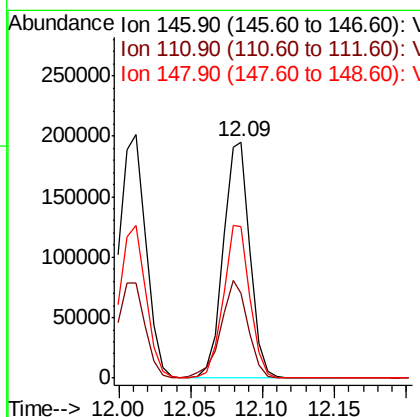
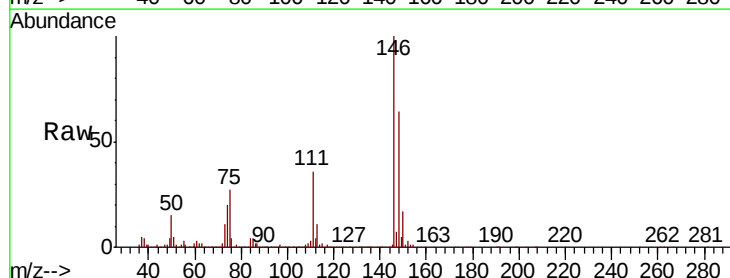
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBSD02

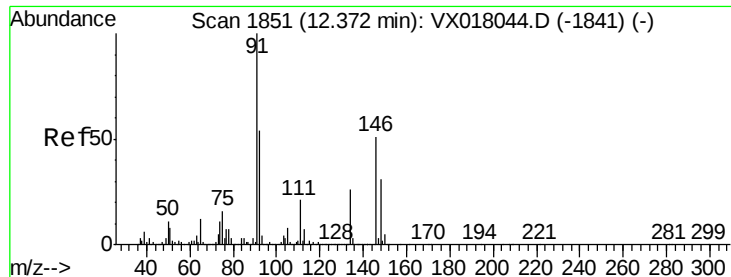
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	20.6	61.8
148	61.9	33.1	99.2



#88
 1,4-Dichlorobenzene
 Concen: 17.237 ug/l
 RT: 12.09 min Scan# 1804
 Delta R.T. 0.01 min
 Lab File: VX018053.D
 Acq: 21 Aug 2020 13:05

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.8	20.3	60.8
148	64.7	33.1	99.2

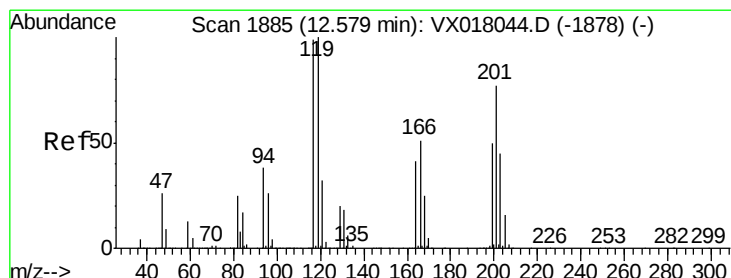
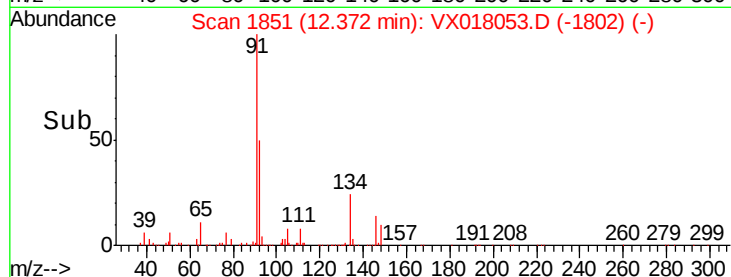
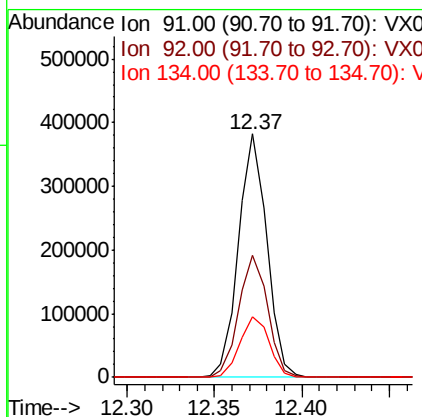
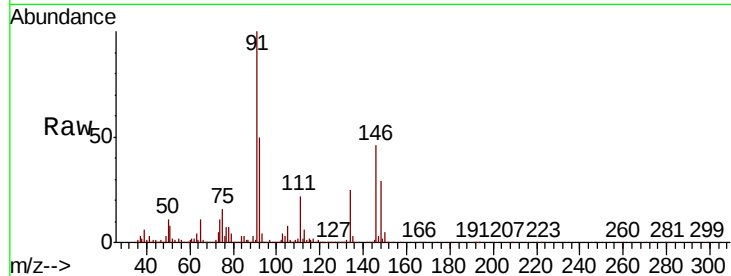




#89
n-Butylbenzene
Concen: 18.490 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018053.D
Acq: 21 Aug 2020 13:05

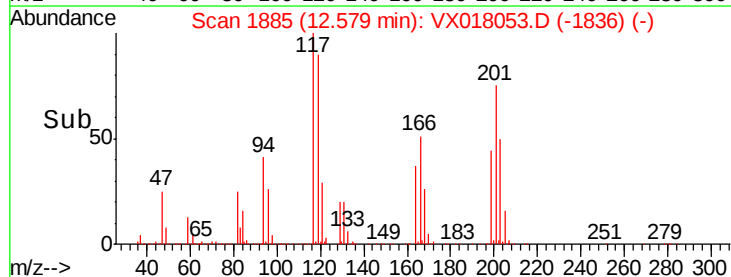
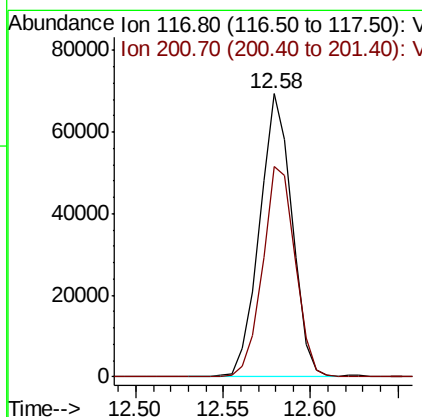
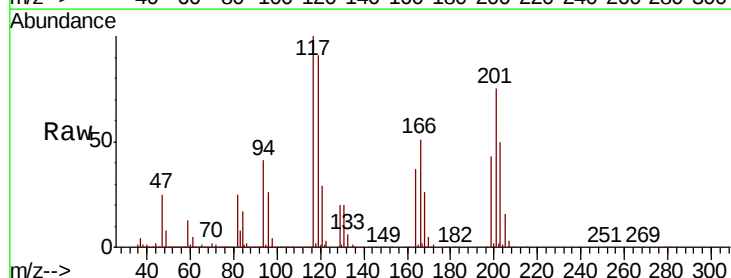
Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD02

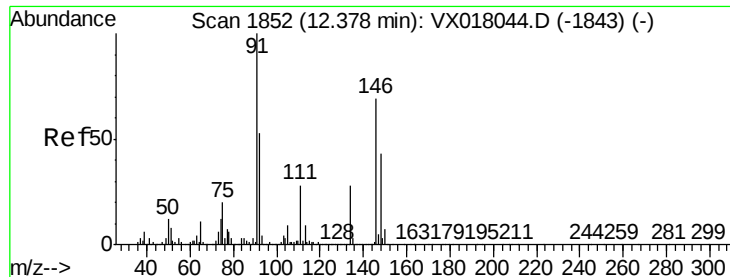
Tot Ion: 91 Resp: 432491
Ion Ratio Lower Upper
91 100
92 51.4 26.4 79.2
134 25.8 12.9 38.7



#90
Hexachloroethane
Concen: 17.678 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018053.D
Acq: 21 Aug 2020 13:05

Tgt Ion: 117 Resp: 89136
Ion Ratio Lower Upper
117 100
201 75.0 38.5 115.3





#91

1,2-Dichlorobenzene

Concen: 17.398 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX018053.D

Acq: 21 Aug 2020 13:05

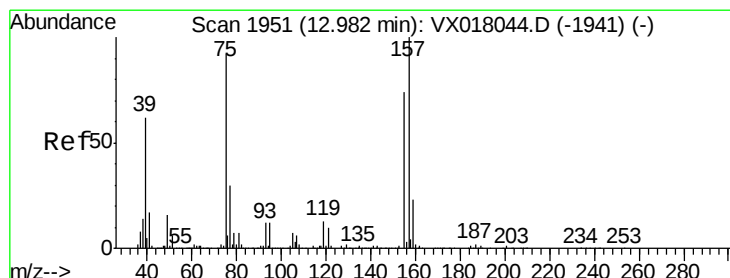
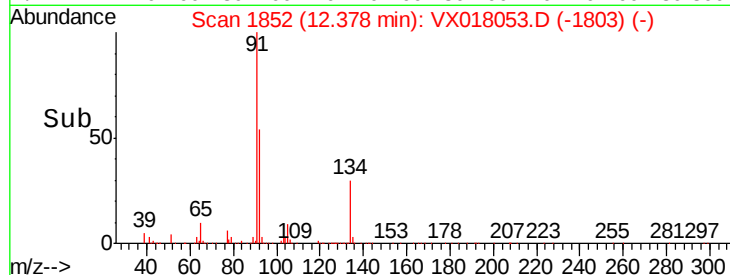
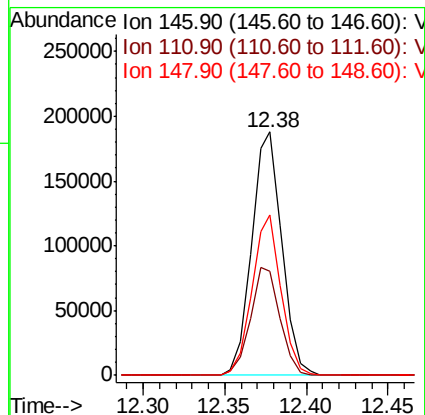
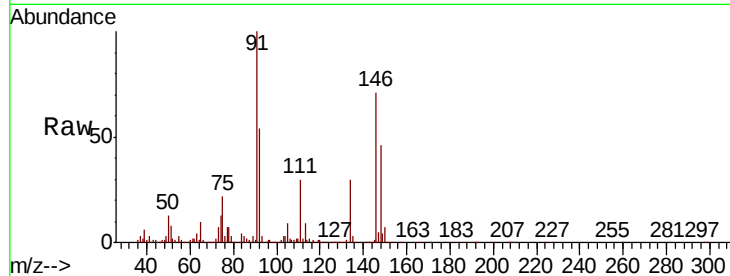
Instrument :

MSVOA_X

ClientSampleId :

VX0821WBSD02

Tot Ion:	146	Resp:	240451
Ion	Ratio	Lower	Upper
146	100		
111	44.0	20.8	62.5
148	63.6	31.6	95.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 15.625 ug/l

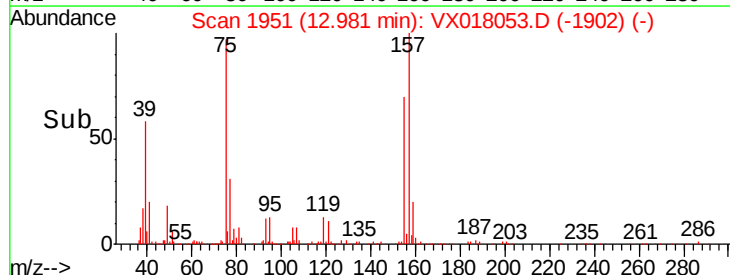
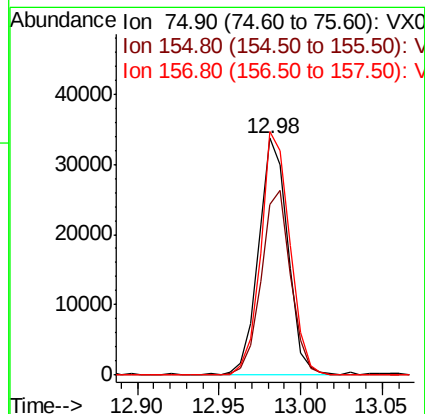
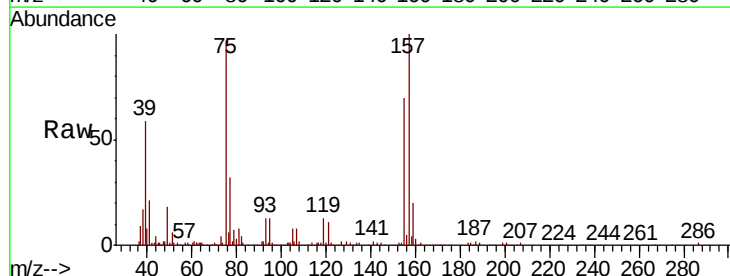
RT: 12.98 min Scan# 1951

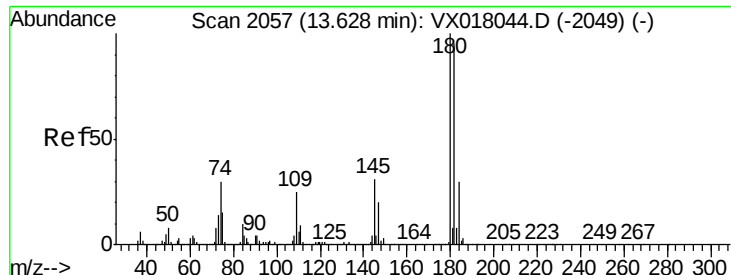
Delta R.T. -0.00 min

Lab File: VX018053.D

Acq: 21 Aug 2020 13:05

Tgt Ion:	75	Resp:	41694
Ion	Ratio	Lower	Upper
75	100		
155	79.3	40.2	120.6
157	103.0	55.0	165.2

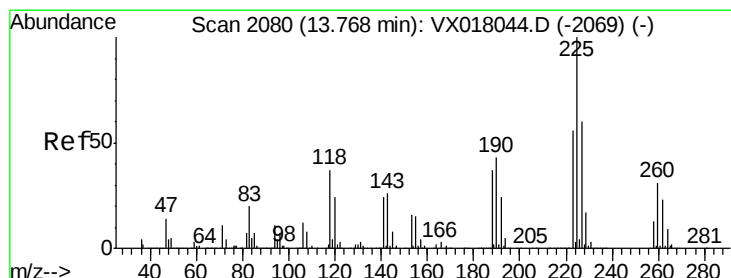
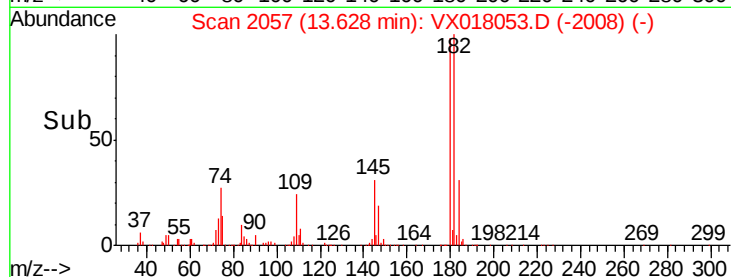
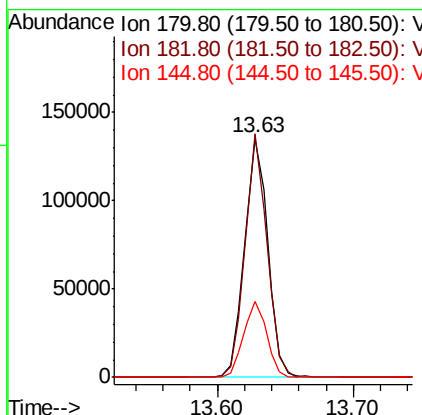
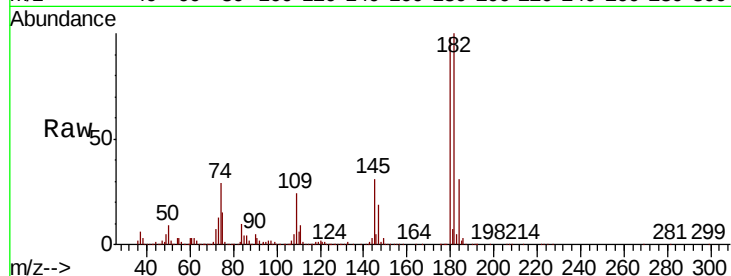




#93
 1,2,4-Trichlorobenzene
 Concen: 17.578 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018053.D
 Acq: 21 Aug 2020 13:05

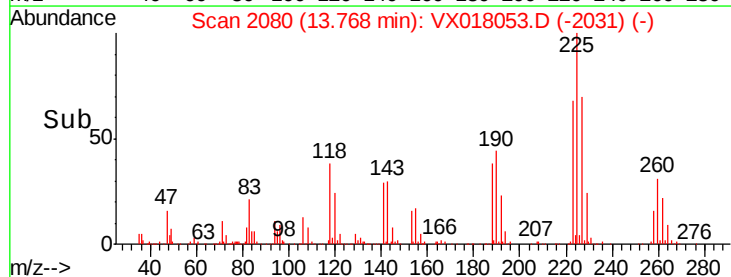
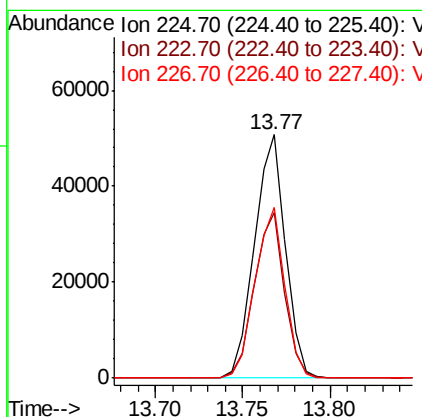
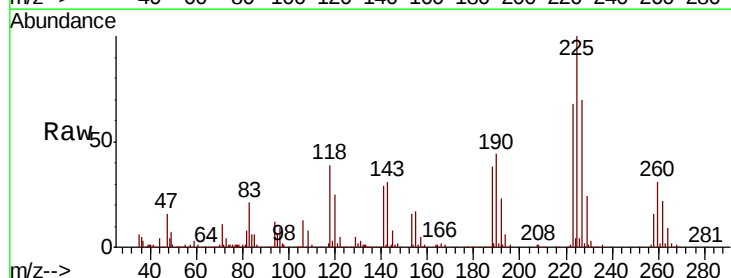
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBSD02

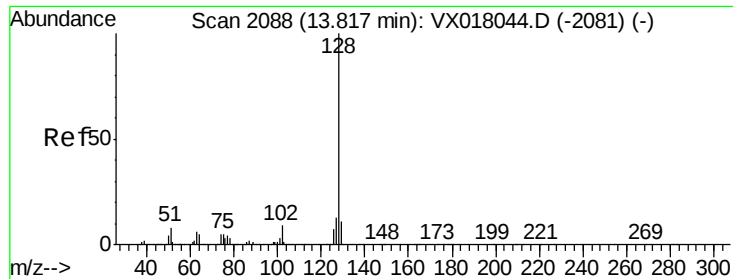
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.3	47.5	142.6
145	31.5	15.7	47.1



#94
 Hexachlorobutadiene
 Concen: 17.110 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX018053.D
 Acq: 21 Aug 2020 13:05

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.4	30.7	92.1
227	67.4	32.6	97.8

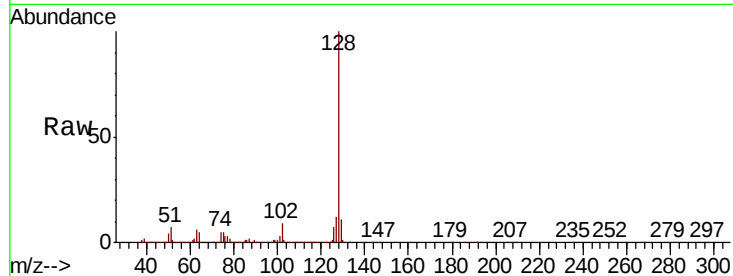




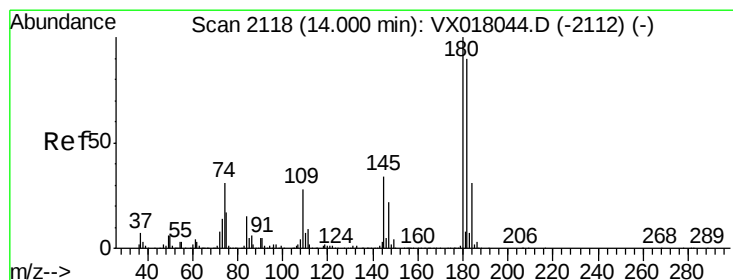
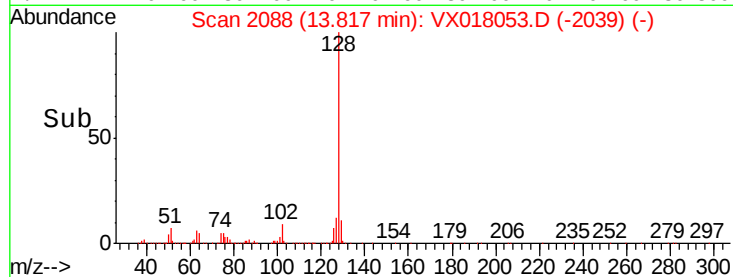
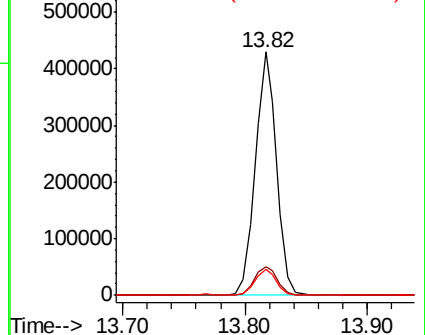
#95
Naphthalene
Concen: 17.120 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX018053.D
Acq: 21 Aug 2020 13:05

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD02

Tot Ion:128 Resp: 519255
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 11.0 8.7 13.1

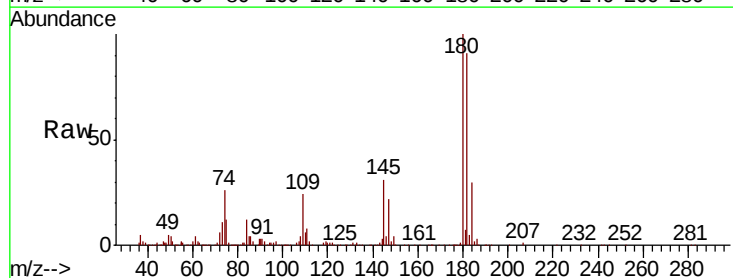


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 17.617 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.01 min
Lab File: VX018053.D
Acq: 21 Aug 2020 13:05

Tgt Ion:180 Resp: 160431
Ion Ratio Lower Upper
180 100
182 93.9 47.3 142.0
145 31.6 17.5 52.6



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

