

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082820\
 Data File : VX018134.D
 Acq On : 28 Aug 2020 20:29
 Operator : JC/SP
 Sample : L3823-02MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 789UMR-DSP02-01MS

Quant Time: Aug 29 03:09:49 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	5.64	168	533573	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	888203	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	861529	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	436519	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	394893	53.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.62%	
35) Dibromofluoromethane	5.47	113	304857	50.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.80%	
50) Toluene-d8	8.70	98	1123817	49.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.76%	
62) 4-Bromofluorobenzene	11.12	95	446926	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	328797	50.613	ug/l	99
3) Chloromethane	1.32	50	331088	48.341	ug/l	95
4) Vinyl Chloride	1.39	62	315021	46.205	ug/l	97
5) Bromomethane	1.62	94	203133	61.771	ug/l	98
6) Chloroethane	1.71	64	180702	49.347	ug/l	99
7) Trichlorofluoromethane	1.92	101	484545	52.121	ug/l	99
8) Diethyl Ether	2.17	74	156017	49.486	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	228991	45.561	ug/l	98
10) Methyl Iodide	2.49	142	307753	56.467	ug/l	99
11) Tert butyl alcohol	3.03	59	396549	275.332	ug/l	98
12) 1,1-Dichloroethene	2.36	96	225937	43.330	ug/l	93
13) Acrolein	2.28	56	62346	104.398	ug/l	97
14) Allyl chloride	2.71	41	459729	49.073	ug/l	99
15) Acrylonitrile	3.12	53	863100	264.183	ug/l	100
16) Acetone	2.42	43	816556	282.902	ug/l	96
17) Carbon Disulfide	2.55	76	737199	46.768	ug/l	100
18) Methyl Acetate	2.75	43	404458	58.069	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	932113	52.124	ug/l	98
20) Methylene Chloride	2.84	84	329164	55.912	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	278687	48.240	ug/l	98
22) Diisopropyl ether	3.83	45	939171	50.794	ug/l	97
23) Vinyl Acetate	3.79	43	4297580	261.210	ug/l	100
24) 1,1-Dichloroethane	3.67	63	518683	49.279	ug/l	99
25) 2-Butanone	4.64	43	1293925	272.772	ug/l	99
26) 2,2-Dichloropropane	4.55	77	368864	43.072	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	320233	48.111	ug/l	99
28) Bromochloromethane	4.98	49	256751	50.536	ug/l	99
29) Tetrahydrofuran	5.09	42	813786	269.493	ug/l	99
30) Chloroform	5.18	83	551509	50.604	ug/l	100
31) Cyclohexane	5.55	56	436955	49.284	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	510201	51.013	ug/l	100
36) 1,1-Dichloropropene	5.77	75	398666	48.663	ug/l	100
37) Ethyl Acetate	4.80	43	481439	50.598	ug/l	99
38) Carbon Tetrachloride	5.76	117	467745	50.664	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX082820\
 Data File : VX018134.D
 Acq On : 28 Aug 2020 20:29
 Operator : JC/SP
 Sample : L3823-02MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 789UMR-DSP02-01MS

Quant Time: Aug 29 03:09:49 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)
39) Methylcyclohexane	7.44	83	442366	49.382	ug/l	97
40) Benzene	6.12	78	1170425	48.621	ug/l	98
41) Methacrylonitrile	5.01	41	259789	49.726	ug/l	99
42) 1,2-Dichloroethane	6.17	62	464363	50.349	ug/l	98
43) Isopropyl Acetate	6.42	43	920771	59.914	ug/l	100
44) Trichloroethene	7.19	130	322470	47.410	ug/l	98
45) 1,2-Dichloropropane	7.49	63	318170	49.041	ug/l	96
46) Dibromomethane	7.64	93	224766	49.265	ug/l	99
47) Bromodichloromethane	7.88	83	463278	50.856	ug/l	99
48) Methyl methacrylate	7.75	41	390210	51.005	ug/l	99
49) 1,4-Dioxane	7.71	88	145488	1049.838	ug/l #	78
51) 4-Methyl-2-Pentanone	8.62	43	2649488	279.095	ug/l	98
52) Toluene	8.77	92	752430	49.294	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	502222	49.743	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	501104	46.853	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	328582	50.473	ug/l	97
56) Ethyl methacrylate	9.16	69	495134	51.161	ug/l	99
57) 1,3-Dichloropropane	9.35	76	531004	49.454	ug/l	99
59) 2-Hexanone	9.48	43	1971719	273.150	ug/l	99
60) Dibromochloromethane	9.57	129	391216	51.227	ug/l	99
61) 1,2-Dibromoethane	9.65	107	357265	50.549	ug/l	98
64) Tetrachloroethene	9.32	164	299571	47.318	ug/l	96
65) Chlorobenzene	10.12	112	853185	49.585	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	345234	50.907	ug/l	98
67) Ethyl Benzene	10.24	91	1486120	50.788	ug/l	99
68) m/p-Xylenes	10.34	106	1114240	102.020	ug/l	98
69) o-Xylene	10.68	106	544113	51.392	ug/l	99
70) Styrene	10.70	104	924519	51.276	ug/l	97
71) Bromoform	10.84	173	295169	51.027	ug/l	99
73) Isopropylbenzene	11.00	105	1472206	51.130	ug/l	99
74) N-amyl acetate	10.88	43	719087	52.636	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	478136	47.073	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	597509	61.532	ug/l	85
77) Bromobenzene	11.24	156	383349	48.165	ug/l	99
78) n-propylbenzene	11.34	91	1674771	51.227	ug/l	99
79) 2-Chlorotoluene	11.40	91	991148	49.070	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	1243875	52.571	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	164999	45.892	ug/l	99
82) 4-Chlorotoluene	11.49	91	1197187	49.857	ug/l	100
83) tert-Butylbenzene	11.76	119	1226923	52.544	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	1247728	51.579	ug/l	99
85) sec-Butylbenzene	11.93	105	1391934	52.419	ug/l	99
86) p-Isopropyltoluene	12.05	119	1308212	53.634	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	678834	48.579	ug/l	96
88) 1,4-Dichlorobenzene	12.08	146	656779	46.941	ug/l	100
89) n-Butylbenzene	12.37	91	1119411	50.282	ug/l	99
90) Hexachloroethane	12.58	117	256352	53.419	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	653330	49.668	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	127650	50.262	ug/l	98
93) 1,2,4-Trichlorobenzene	13.63	180	428797	48.886	ug/l	96

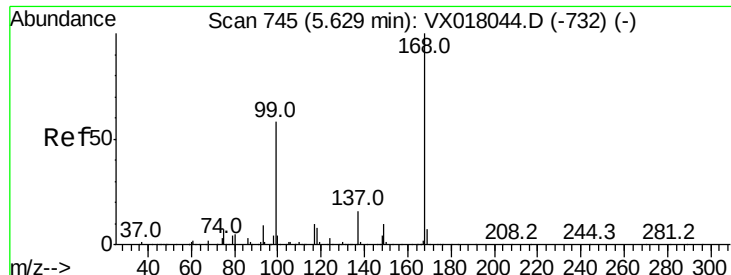
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082820\
Data File : VX018134.D
Acq On : 28 Aug 2020 20:29
Operator : JC/SP
Sample : L3823-02MS
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
789UMR-DSP02-01MS

Quant Time: Aug 29 03:09:49 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)
94) Hexachlorobutadiene	13.77	225	174377	50.402	ug/l	97
95) Naphthalene	13.82	128	1529458	52.983	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	446140	51.476	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX018134.D

Acq: 28 Aug 2020 20:29

Instrument :

MSVOA_X

ClientSampleId :

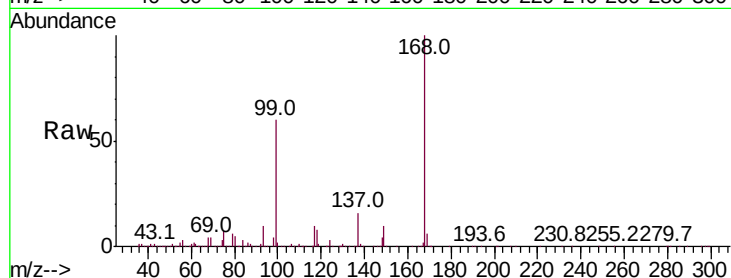
789UMR-DSP02-01MS

Tot Ion:168 Resp: 533573

Ion Ratio Lower Upper

168 100

99 59.7 46.3 69.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

200000

150000

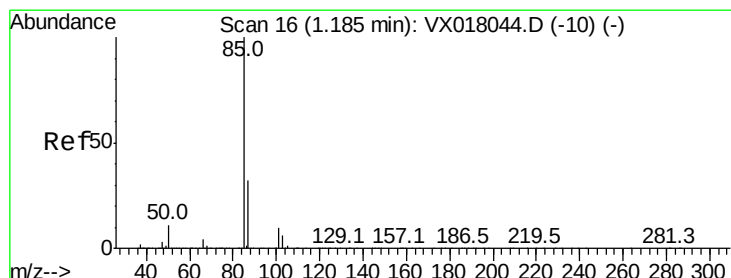
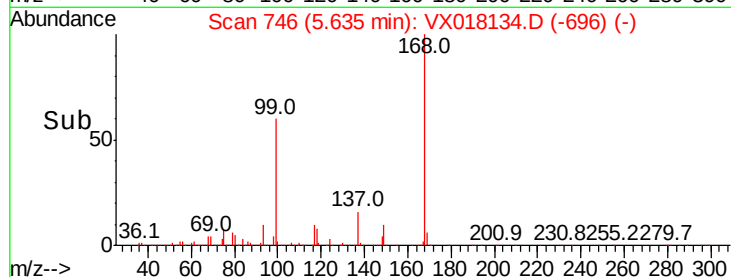
100000

50000

0

5.50 5.60 5.70

Time-->



#2

Dichlorodifluoromethane

Concen: 50.613 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018134.D

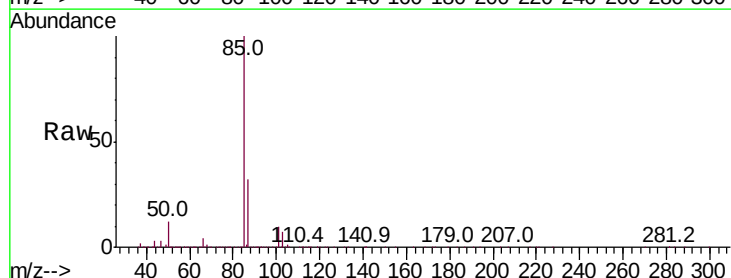
Acq: 28 Aug 2020 20:29

Tgt Ion: 85 Resp: 328797

Ion Ratio Lower Upper

85 100

87 31.8 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

400000

300000

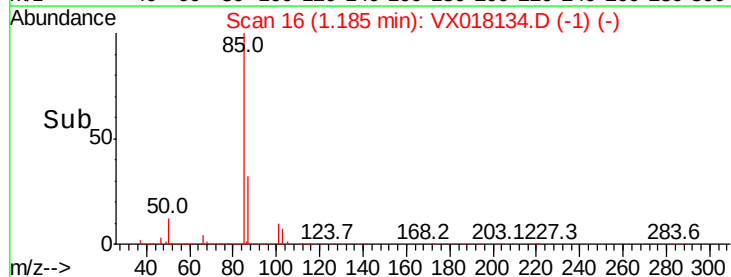
200000

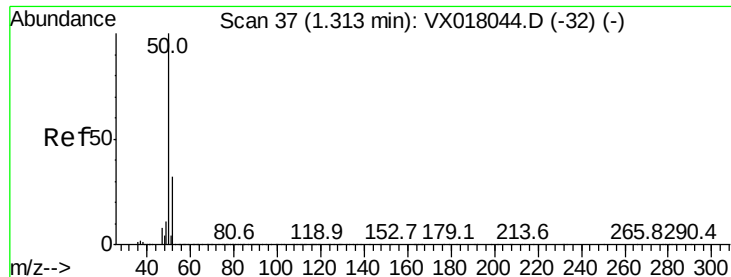
100000

0

1.10 1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 48.341 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX018134.D

Acq: 28 Aug 2020 20:29

Instrument :

MSVOA_X

ClientSampleId :

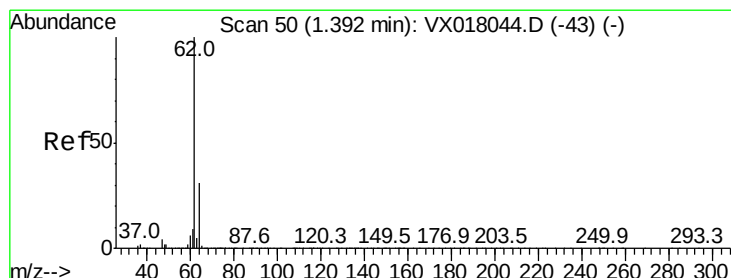
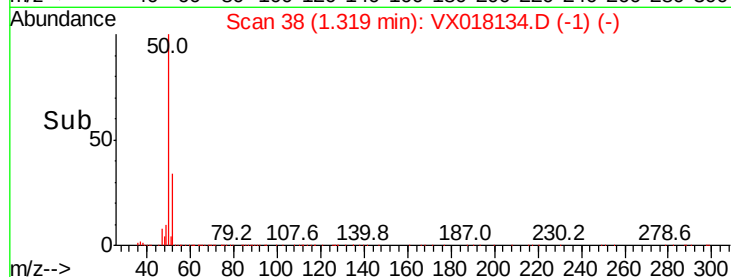
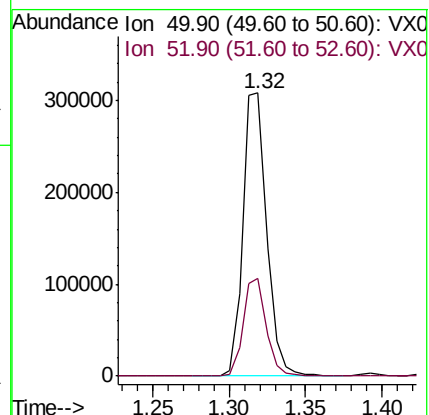
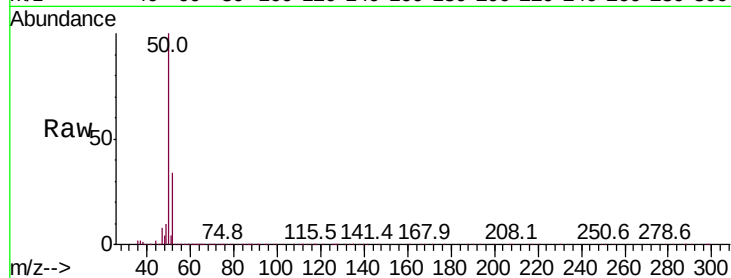
789UMR-DSP02-01MS

Tot Ion: 50 Resp: 331088

Ion Ratio Lower Upper

50 100

52 34.4 25.4 38.2



#4

Vinyl Chloride

Concen: 46.205 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018134.D

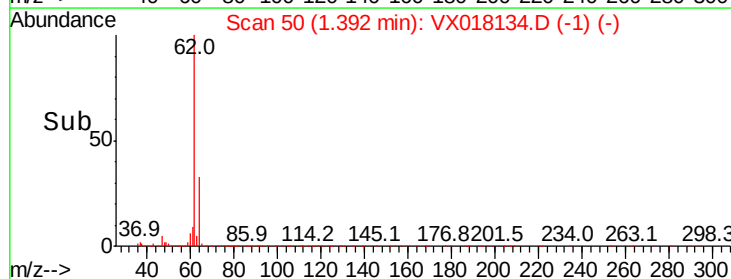
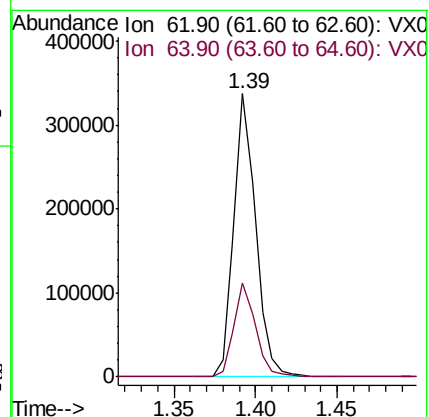
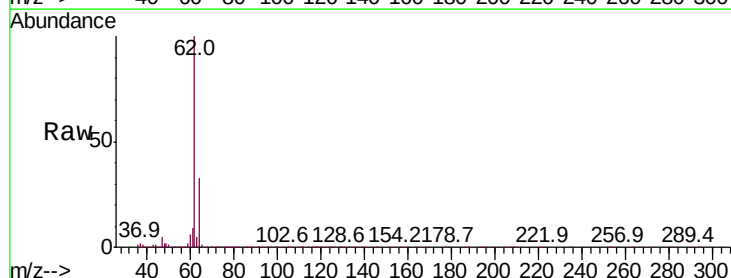
Acq: 28 Aug 2020 20:29

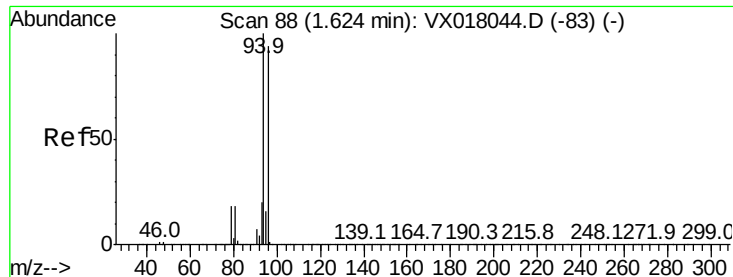
Tgt Ion: 62 Resp: 315021

Ion Ratio Lower Upper

62 100

64 33.3 25.1 37.7





#5

Bromomethane

Concen: 61.771 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX018134.D

Acq: 28 Aug 2020 20:29

Instrument :

MSVOA_X

ClientSampleId :

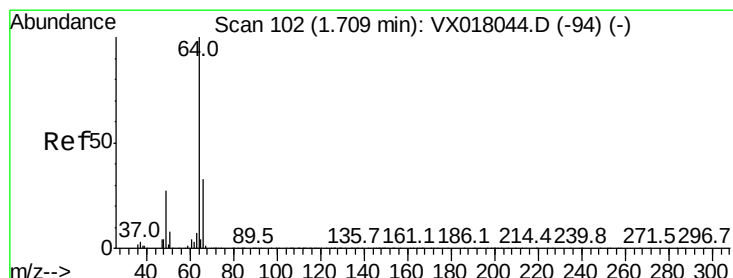
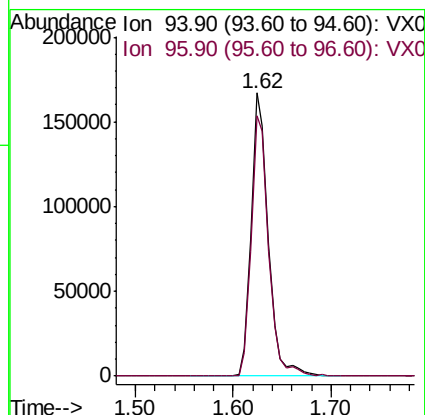
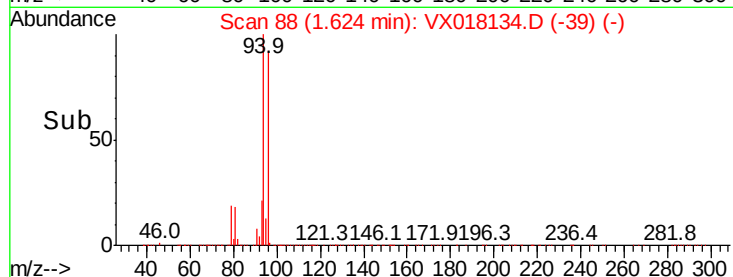
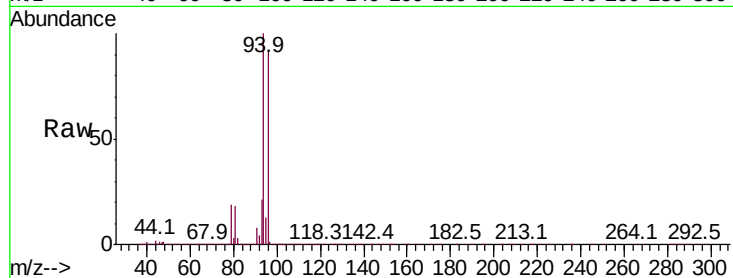
789UMR-DSP02-01MS

Tot Ion: 94 Resp: 203133

Ion Ratio Lower Upper

94 100

96 91.6 74.8 112.2



#6

Chloroethane

Concen: 49.347 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX018134.D

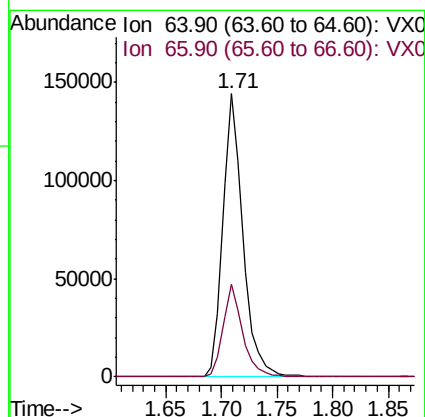
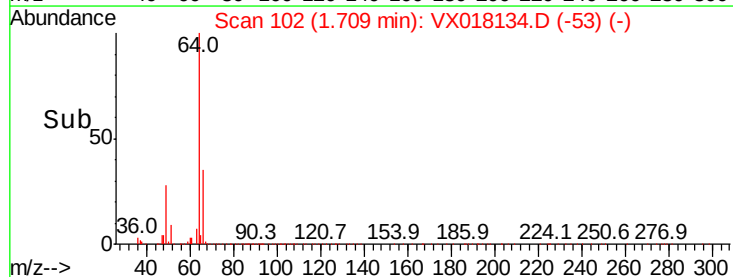
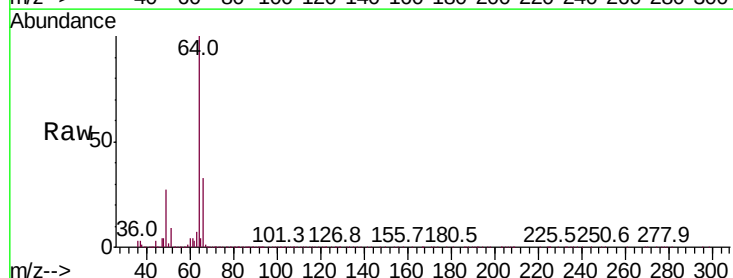
Acq: 28 Aug 2020 20:29

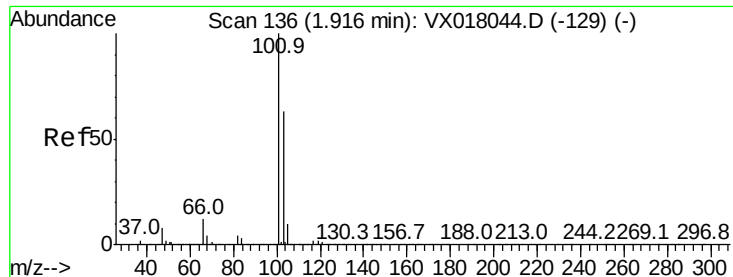
Tgt Ion: 64 Resp: 180702

Ion Ratio Lower Upper

64 100

66 32.7 26.6 39.8



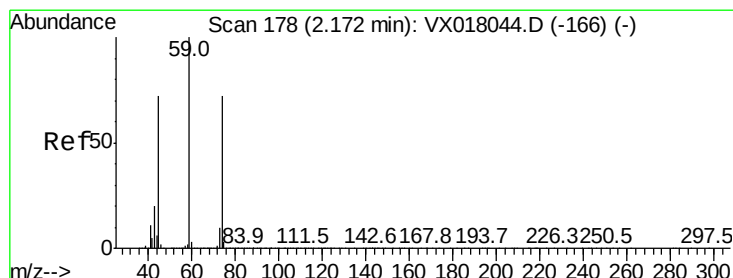
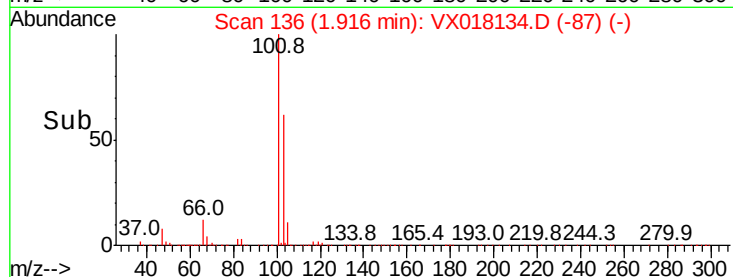
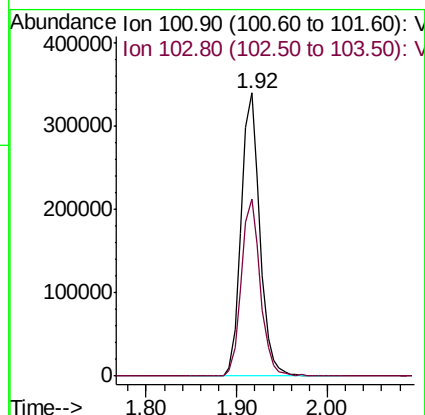
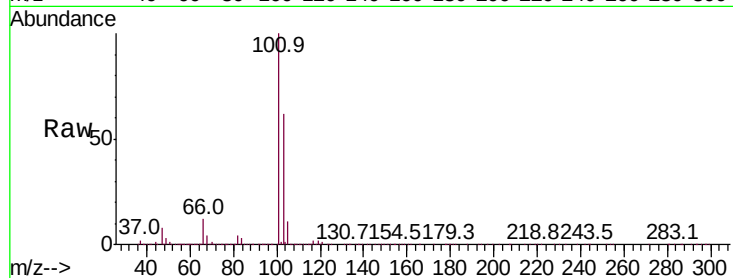


#7

Trichlorofluoromethane
Concen: 52.121 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX018134.D
Acq: 28 Aug 2020 20:29

Instrument :
MSVOA_X
ClientSampleId :
789UMR-DSP02-01MS

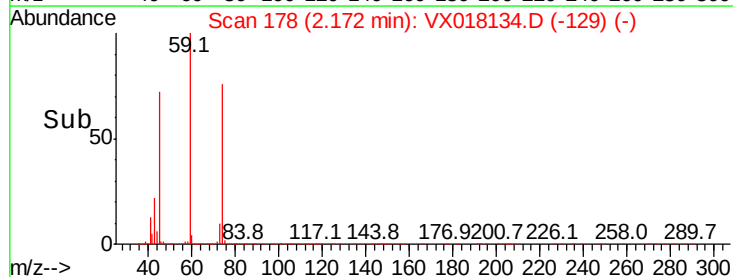
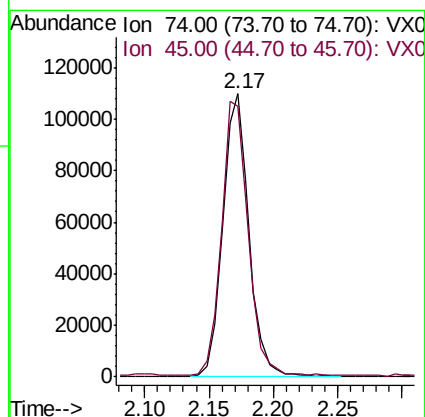
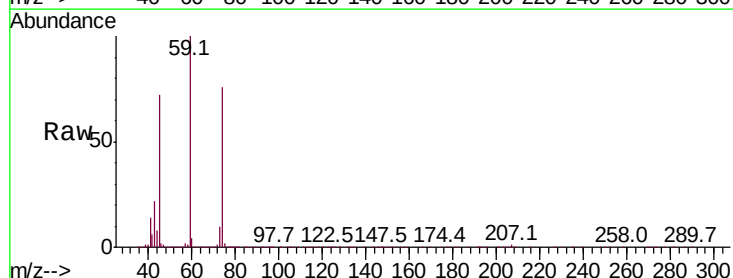
Tot Ion:101 Resp: 484545
Ion Ratio Lower Upper
101 100
103 62.4 50.7 76.1

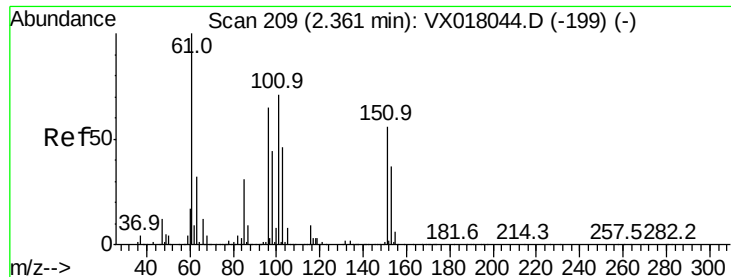


#8

Diethyl Ether
Concen: 49.486 ug/l
RT: 2.17 min Scan# 178
Delta R.T. -0.00 min
Lab File: VX018134.D
Acq: 28 Aug 2020 20:29

Tgt Ion: 74 Resp: 156017
Ion Ratio Lower Upper
74 100
45 99.5 50.7 152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.561 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX018134.D

Acq: 28 Aug 2020 20:29

Instrument :

MSVOA_X

ClientSampleId :

789UMR-DSP02-01MS

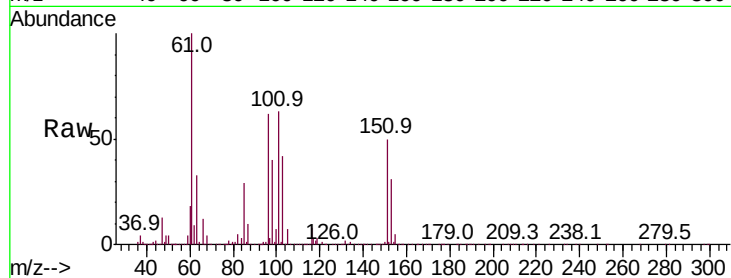
Tot Ion:101 Resp: 228991

Ion Ratio Lower Upper

101 100

85 44.6 34.0 51.0

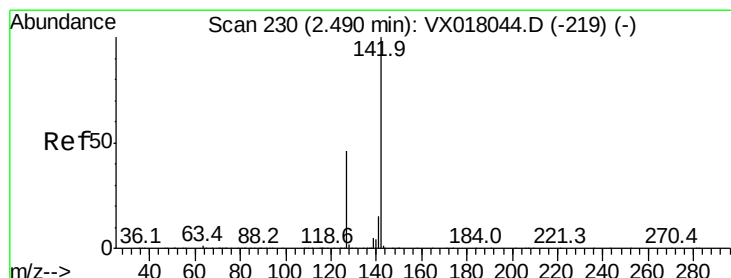
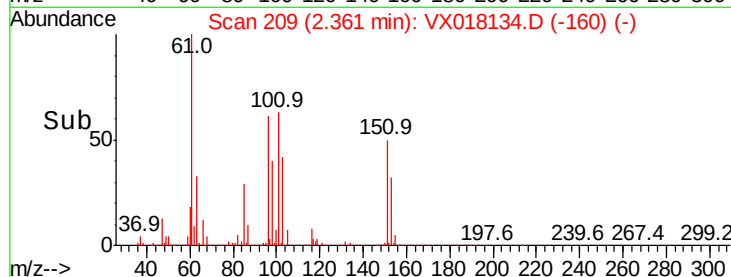
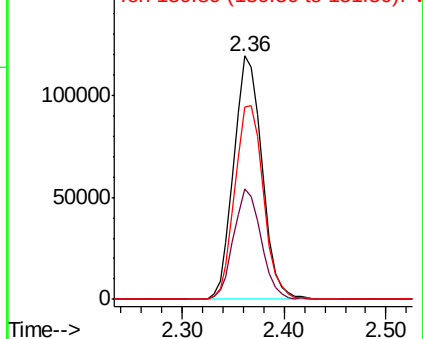
151 80.9 65.2 97.8



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: 56.467 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX018134.D

Acq: 28 Aug 2020 20:29

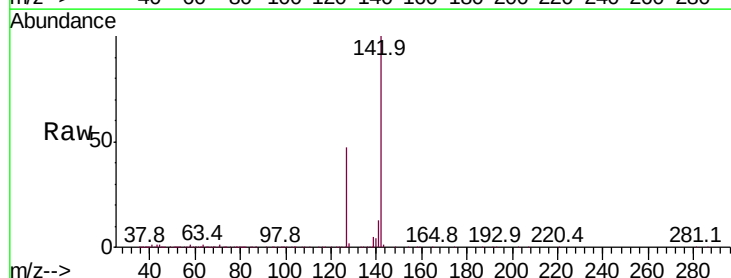
Tgt Ion:142 Resp: 307753

Ion Ratio Lower Upper

142 100

127 47.0 37.0 55.6

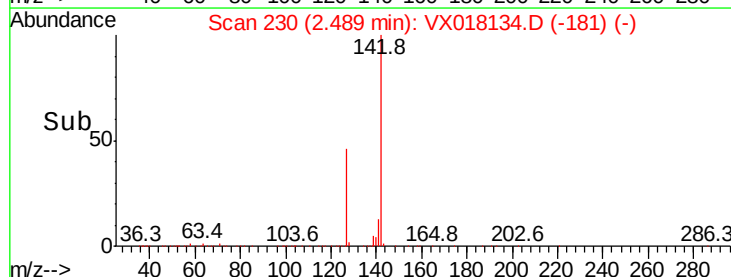
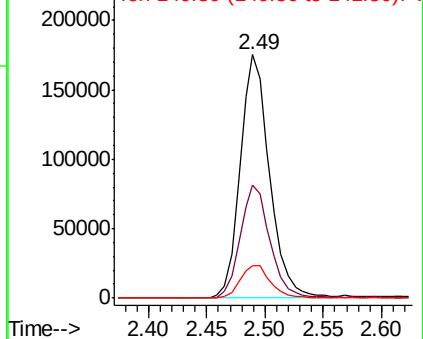
141 14.2 11.5 17.3

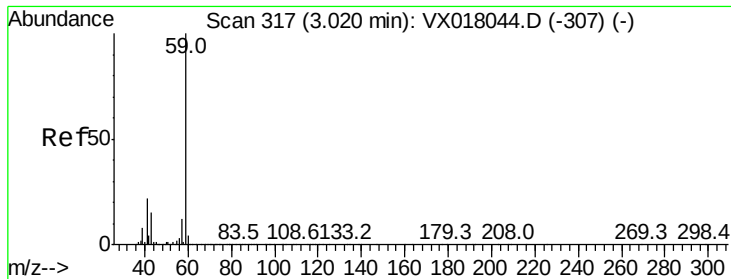


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

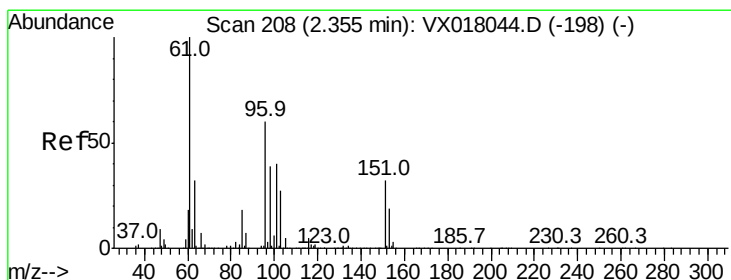
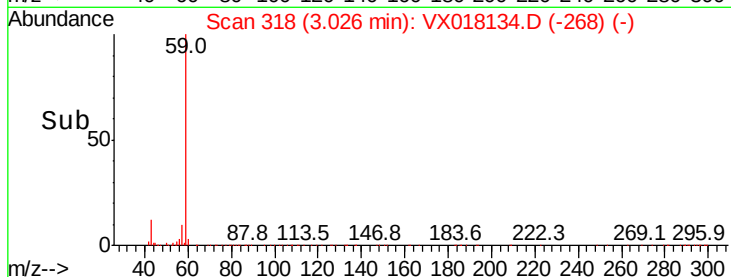
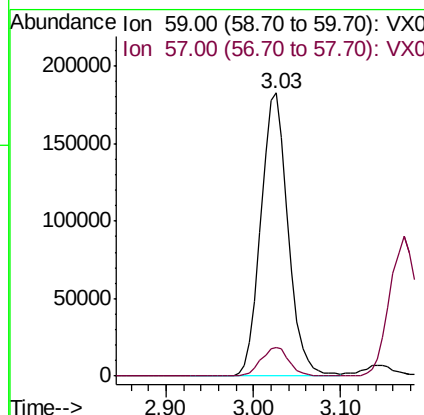
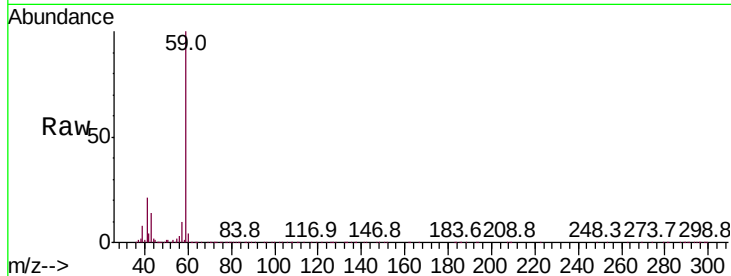




#11
Tert butyl alcohol
Concen: 275.332 ug/l
RT: 3.03 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX018134.D
Acq: 28 Aug 2020 20:29

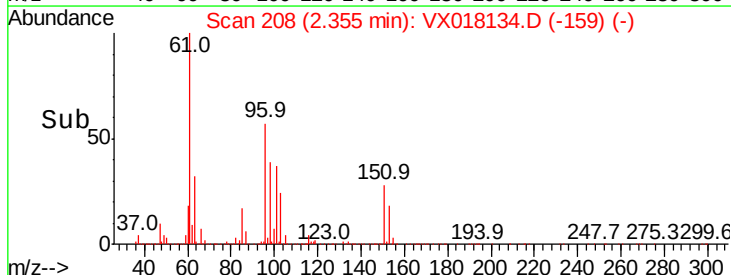
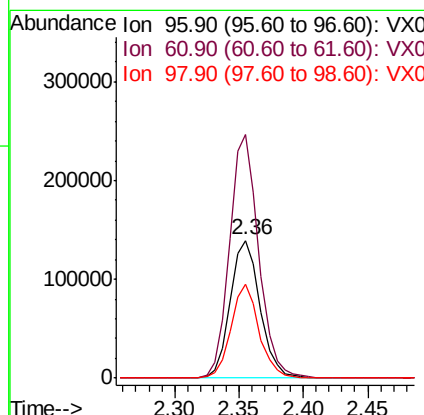
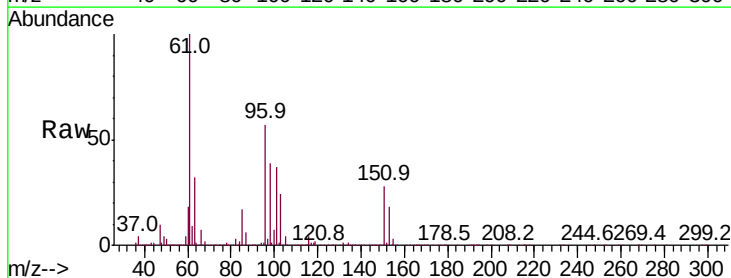
Instrument :
MSVOA_X
ClientSampleId :
789UMR-DSP02-01MS

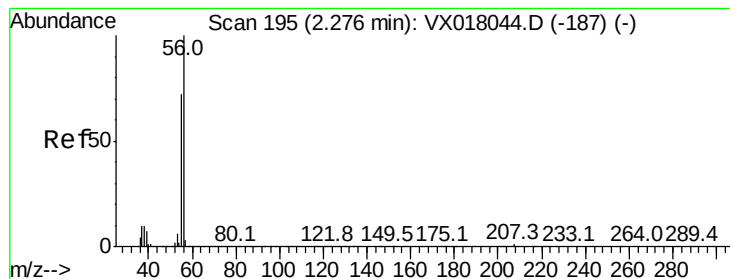
Tot Ion: 59 Resp: 396549
Ion Ratio Lower Upper
59 100
57 10.3 8.9 13.3



#12
1,1-Dichloroethene
Concen: 43.330 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX018134.D
Acq: 28 Aug 2020 20:29

Tgt Ion: 96 Resp: 225937
Ion Ratio Lower Upper
96 100
61 176.4 133.0 199.4
98 68.1 51.6 77.4





#13

Acrolein

Concen: 104.398 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX018134.D

Acq: 28 Aug 2020 20:29

Instrument :

MSVOA_X

ClientSampleId :

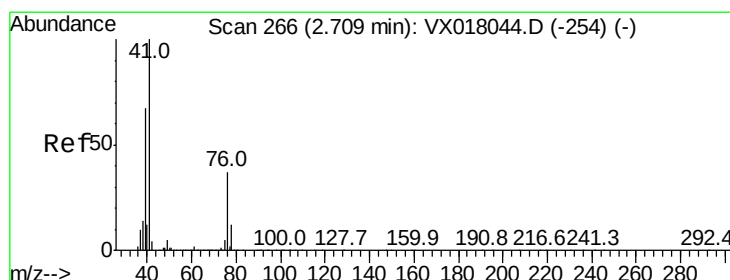
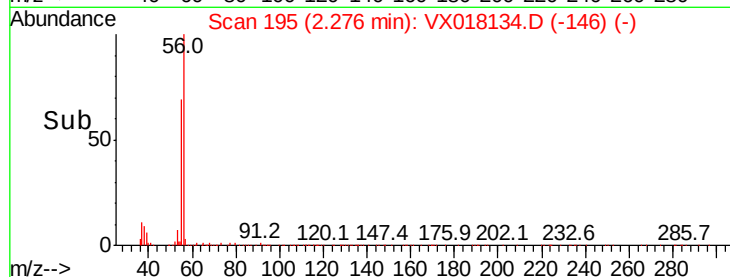
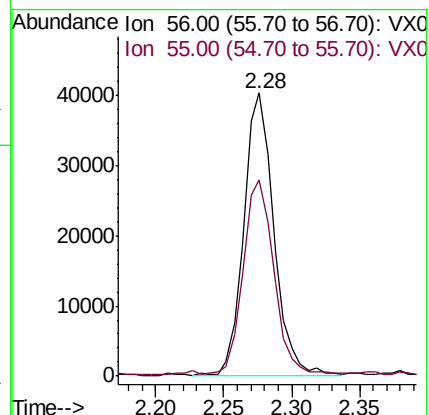
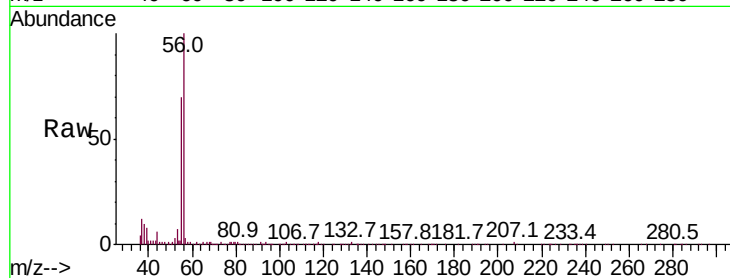
789UMR-DSP02-01MS

Tot Ion: 56 Resp: 62346

Ion Ratio Lower Upper

56 100

55 68.8 57.0 85.6



#14

Allyl chloride

Concen: 49.073 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX018134.D

Acq: 28 Aug 2020 20:29

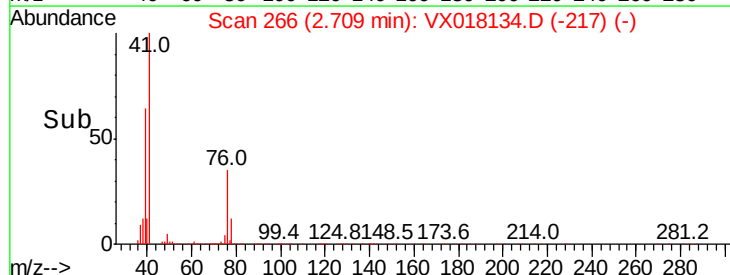
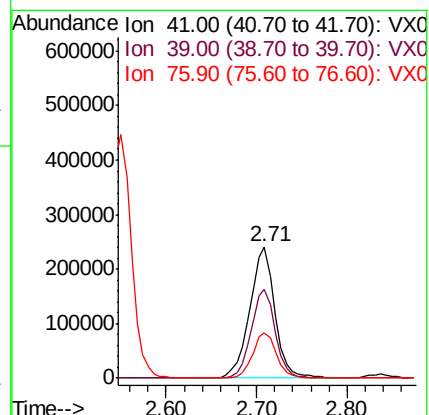
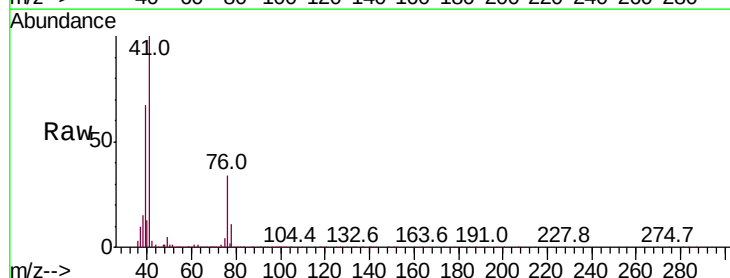
Tgt Ion: 41 Resp: 459729

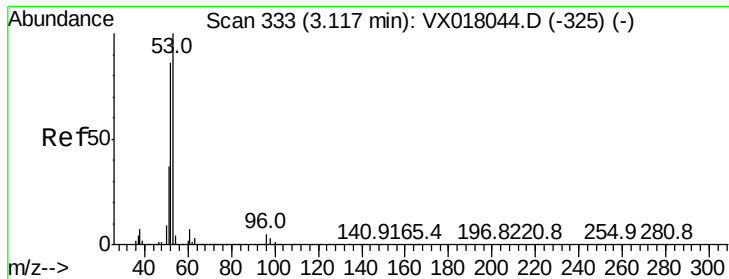
Ion Ratio Lower Upper

41 100

39 64.3 50.6 76.0

76 32.6 26.2 39.2





#15

Acrylonitrile

Concen: 264.183 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX018134.D

Acq: 28 Aug 2020 20:29

Instrument :

MSVOA_X

ClientSampleId :

789UMR-DSP02-01MS

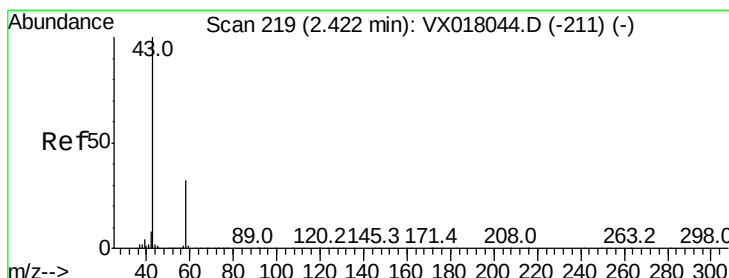
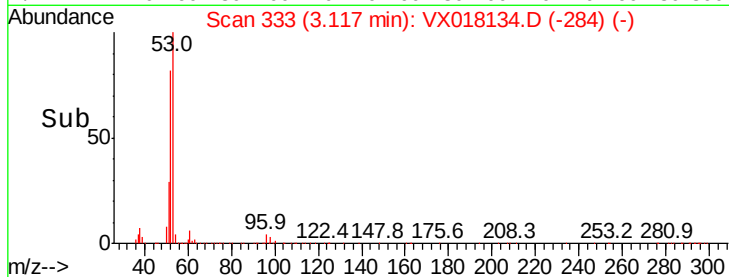
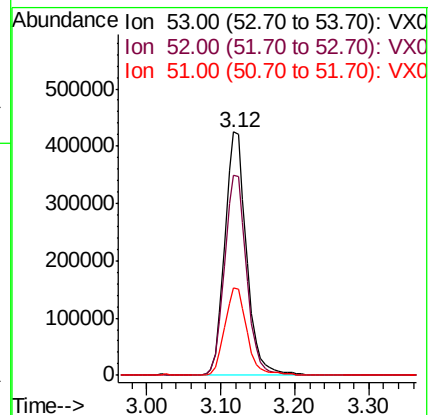
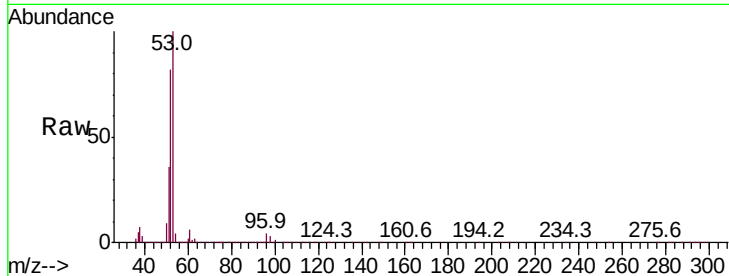
Tot Ion: 53 Resp: 863100

Ion Ratio Lower Upper

53 100

52 83.3 66.9 100.3

51 36.3 28.7 43.1



#16

Acetone

Concen: 282.902 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX018134.D

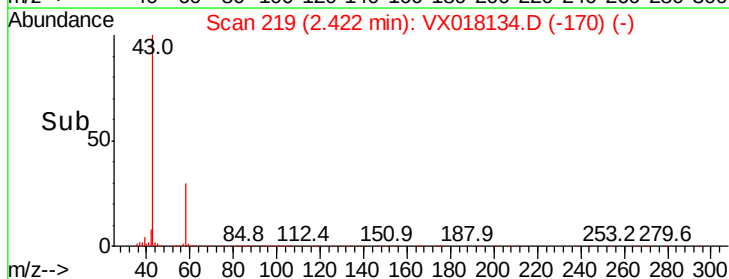
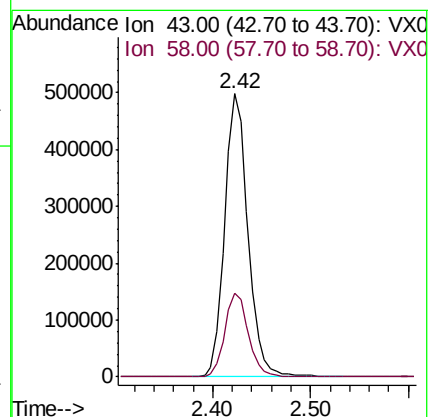
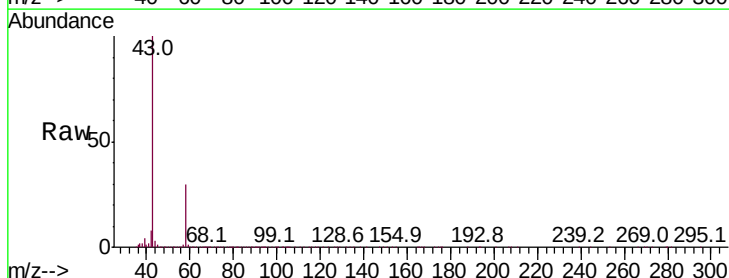
Acq: 28 Aug 2020 20:29

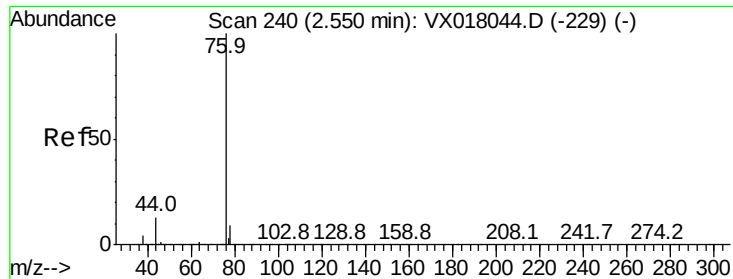
Tgt Ion: 43 Resp: 816556

Ion Ratio Lower Upper

43 100

58 29.8 25.5 38.3





#17

Carbon Disulfide

Concen: 46.768 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX018134.D

Acq: 28 Aug 2020 20:29

Instrument :

MSVOA_X

ClientSampleId :

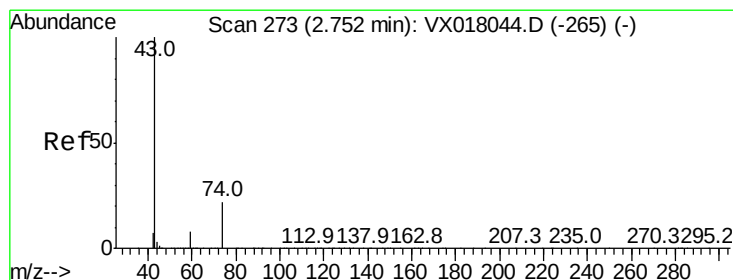
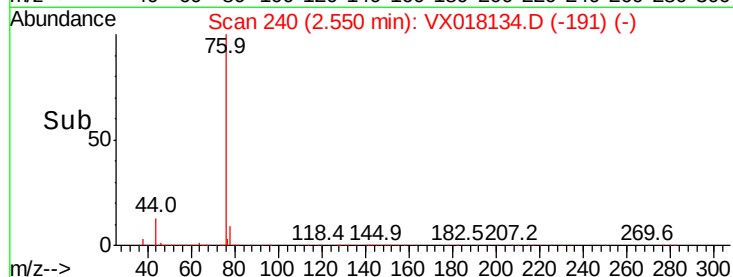
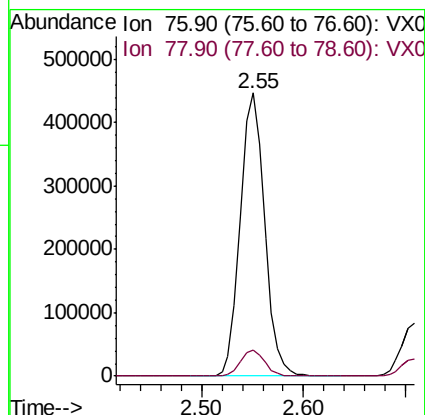
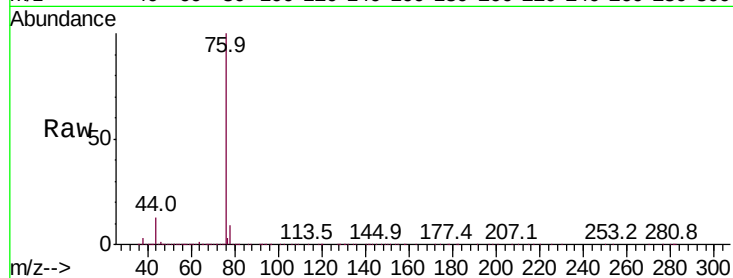
789UMR-DSP02-01MS

Tot Ion: 76 Resp: 737199

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.0



#18

Methyl Acetate

Concen: 58.069 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX018134.D

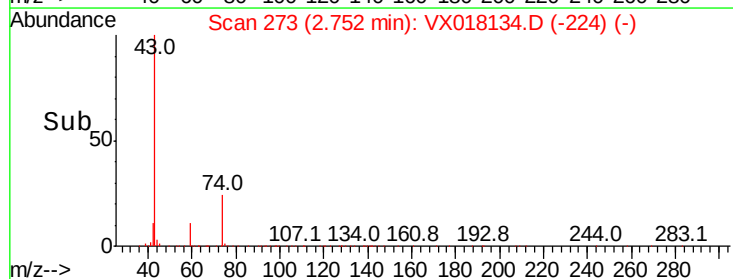
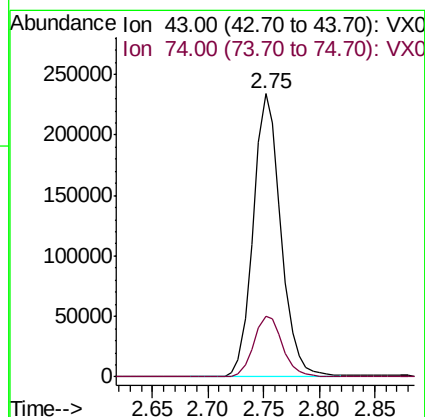
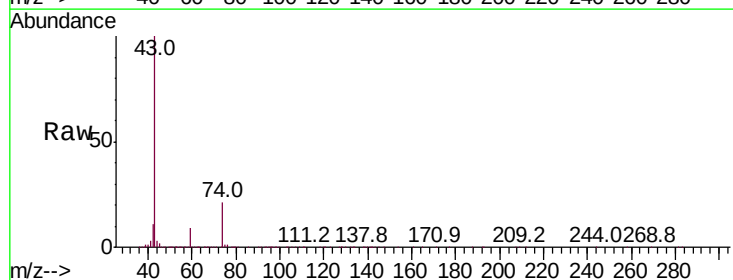
Acq: 28 Aug 2020 20:29

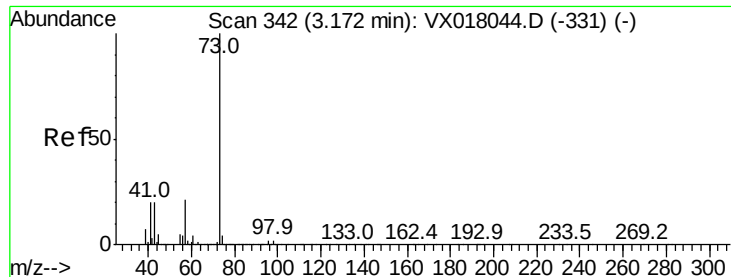
Tgt Ion: 43 Resp: 404458

Ion Ratio Lower Upper

43 100

74 22.7 18.2 27.4



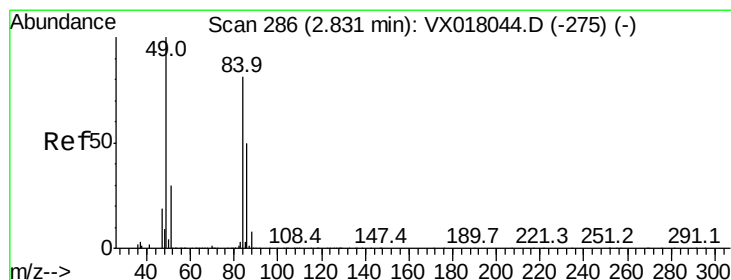
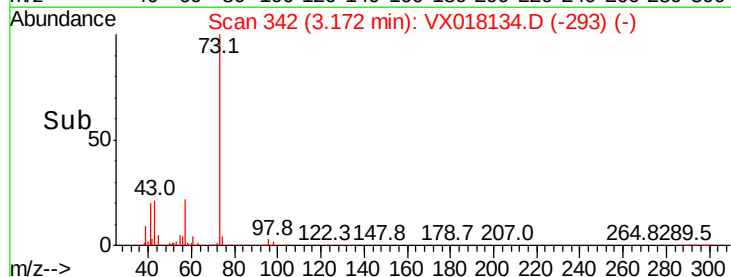
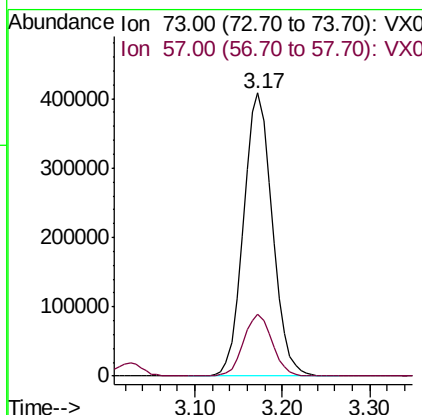
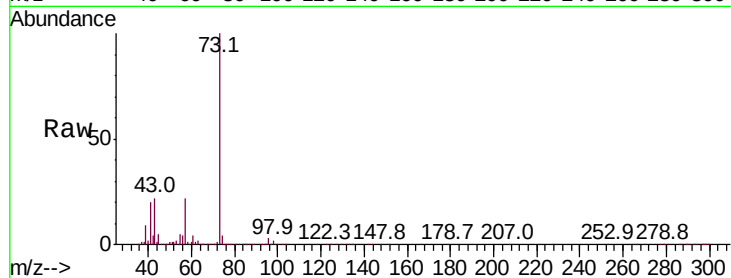


#19

Methyl tert-butyl Ether
 Concen: 52.124 ug/l
 RT: 3.17 min Scan# 342
 Delta R.T. -0.00 min
 Lab File: VX018134.D
 Acq: 28 Aug 2020 20:29

Instrument :
 MSVOA_X
 ClientSampleId :
 789UMR-DSP02-01MS

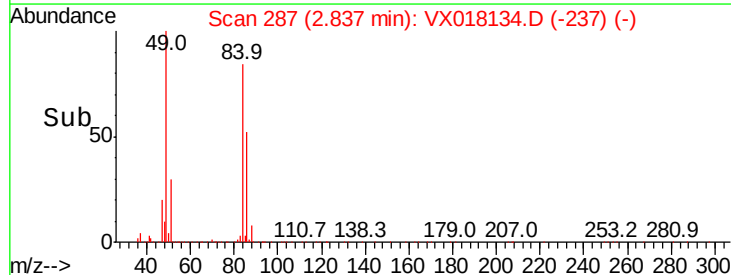
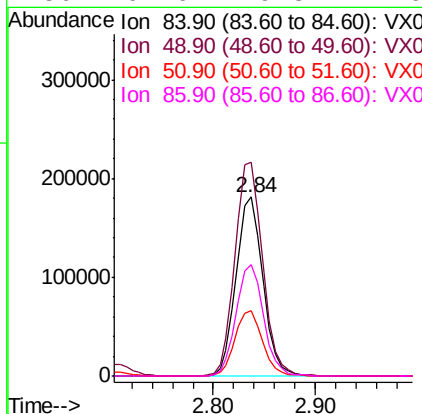
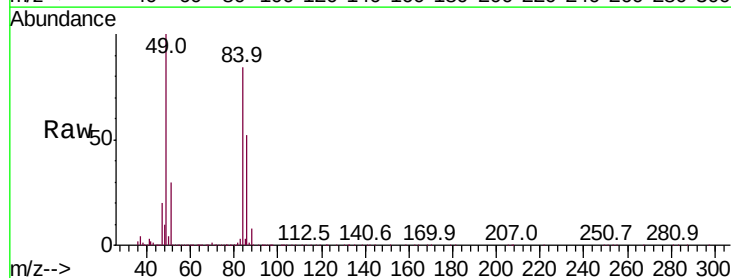
Tot Ion: 73 Resp: 932113
 Ion Ratio Lower Upper
 73 100
 57 22.0 16.8 25.2

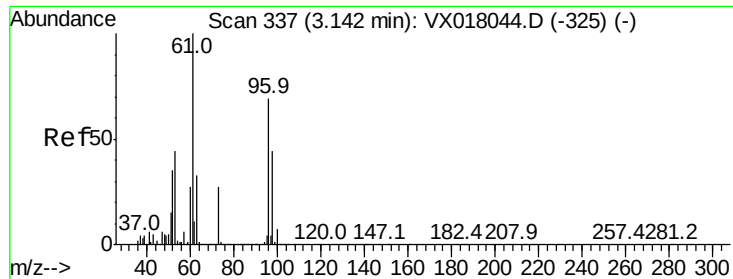


#20

Methylene Chloride
 Concen: 55.912 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. 0.01 min
 Lab File: VX018134.D
 Acq: 28 Aug 2020 20:29

Tgt Ion: 84 Resp: 329164
 Ion Ratio Lower Upper
 84 100
 49 119.5 98.6 148.0
 51 36.2 29.6 44.4
 86 62.6 49.8 74.6





#21

trans-1,2-Dichloroethene

Concen: 48.240 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX018134.D

Acq: 28 Aug 2020 20:29

Instrument :

MSVOA_X

ClientSampleId :

789UMR-DSP02-01MS

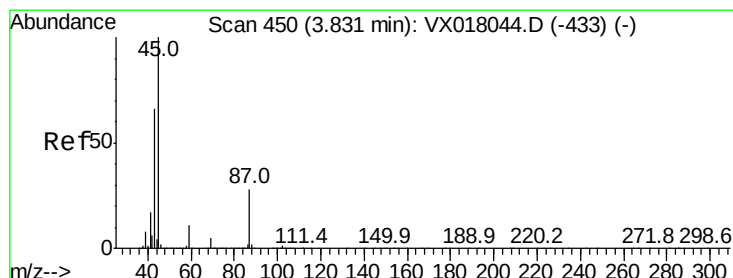
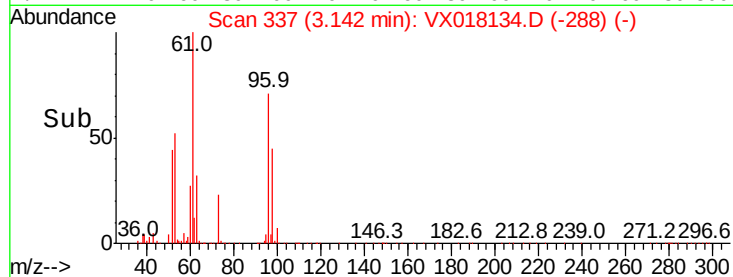
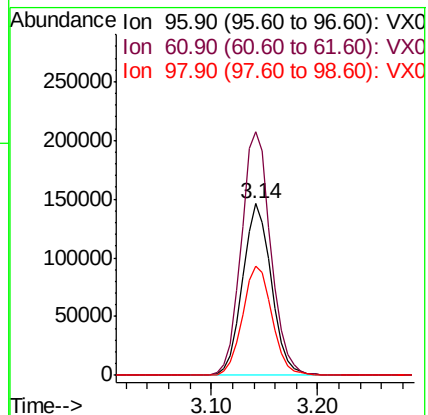
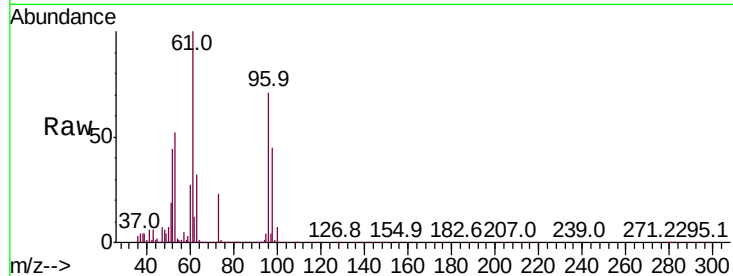
Tot Ion: 96 Resp: 278687

Ion Ratio Lower Upper

96 100

61 141.7 115.4 173.0

98 63.5 51.1 76.7



#22

Diisopropyl ether

Concen: 50.794 ug/l

RT: 3.83 min Scan# 450

Delta R.T. -0.00 min

Lab File: VX018134.D

Acq: 28 Aug 2020 20:29

Tgt Ion: 45 Resp: 939171

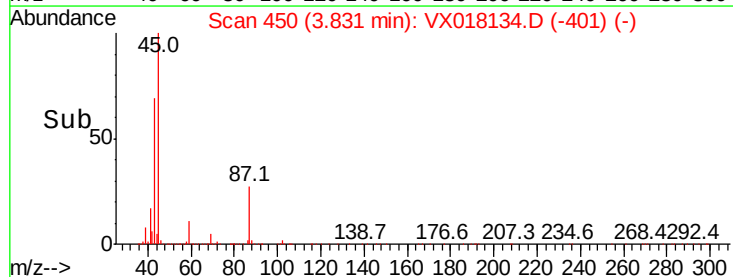
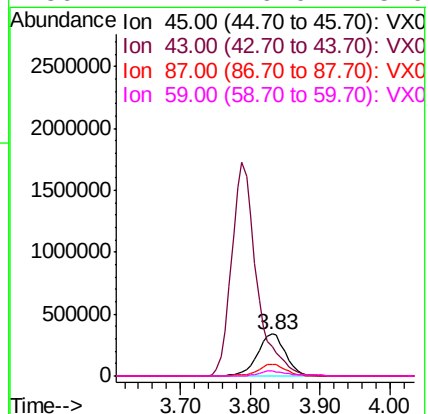
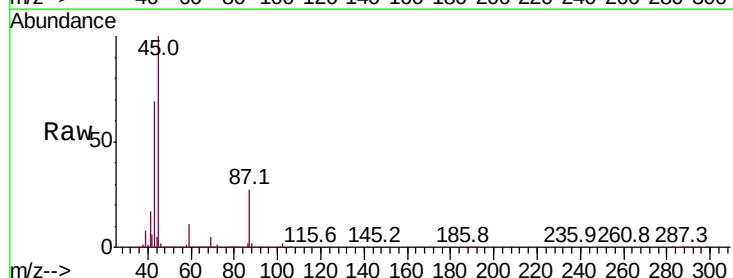
Ion Ratio Lower Upper

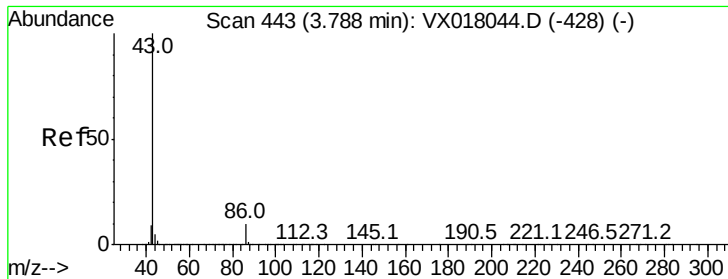
45 100

43 69.0 52.8 79.2

87 27.4 22.5 33.7

59 11.1 9.0 13.6





#23

Vinyl Acetate

Concen: 261.210 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX018134.D

Acq: 28 Aug 2020 20:29

Instrument :

MSVOA_X

ClientSampleId :

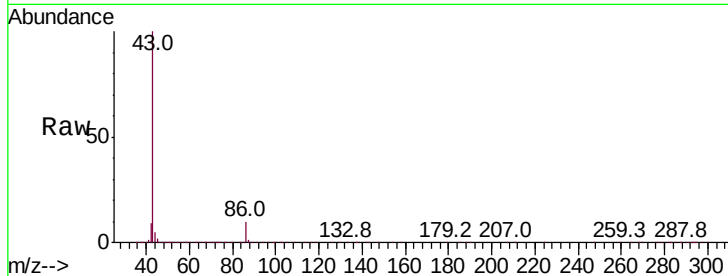
789UMR-DSP02-01MS

Tot Ion: 43 Resp: 4297580

Ion Ratio Lower Upper

43 100

86 10.0 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

2000000 Ion 86.00 (85.70 to 86.70): VX0

1500000

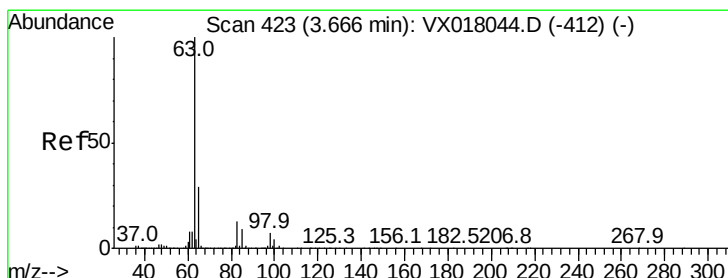
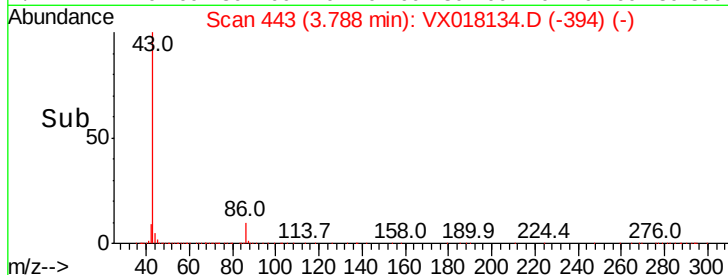
1000000

500000

0

3.60 3.70 3.80 3.90 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 49.279 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX018134.D

Acq: 28 Aug 2020 20:29

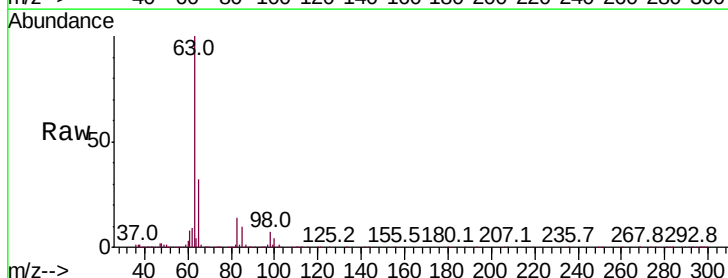
Tgt Ion: 63 Resp: 518683

Ion Ratio Lower Upper

63 100

98 6.9 3.6 10.8

100 4.1 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

300000 Ion 97.90 (97.60 to 98.60): VX0

250000 Ion 99.90 (99.60 to 100.60): VX0

200000

150000

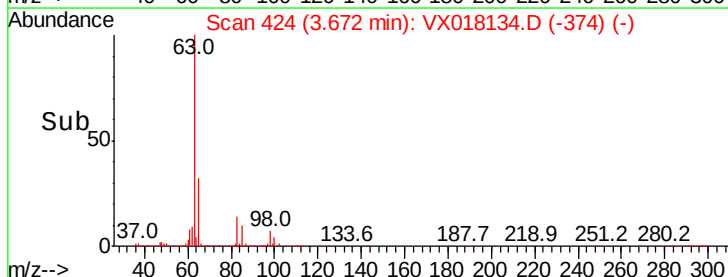
100000

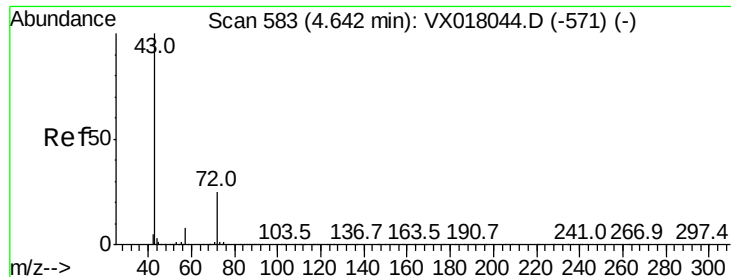
50000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 272.772 ug/l

RT: 4.64 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX018134.D

Acq: 28 Aug 2020 20:29

Instrument :

MSVOA_X

ClientSampleId :

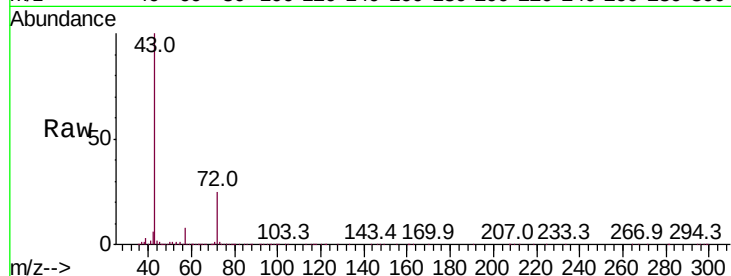
789UMR-DSP02-01MS

Tot Ion: 43 Resp: 1293925

Ion Ratio Lower Upper

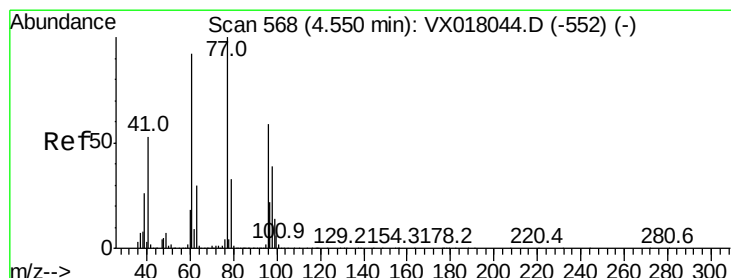
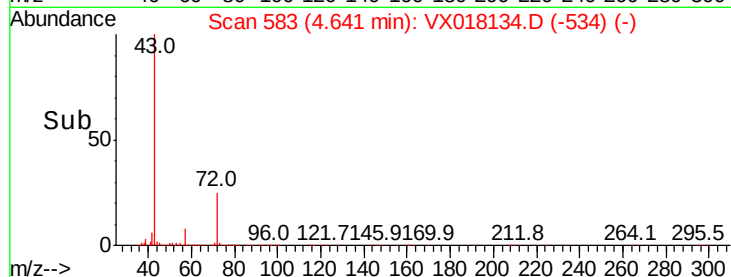
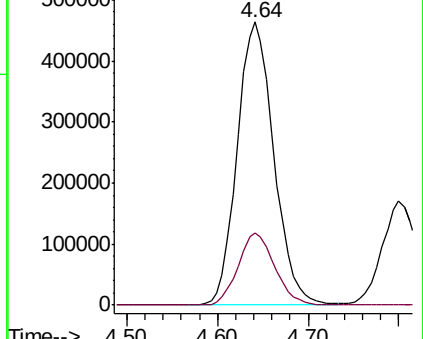
43 100

72 25.2 19.8 29.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 43.072 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX018134.D

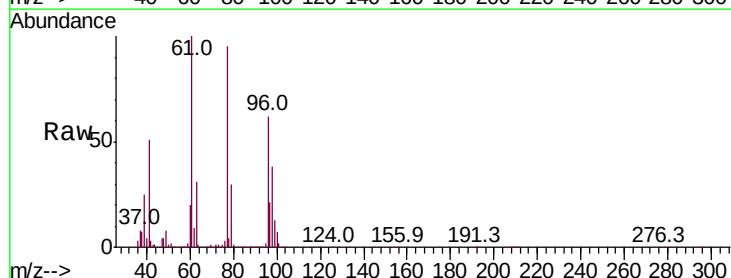
Acq: 28 Aug 2020 20:29

Tgt Ion: 77 Resp: 368864

Ion Ratio Lower Upper

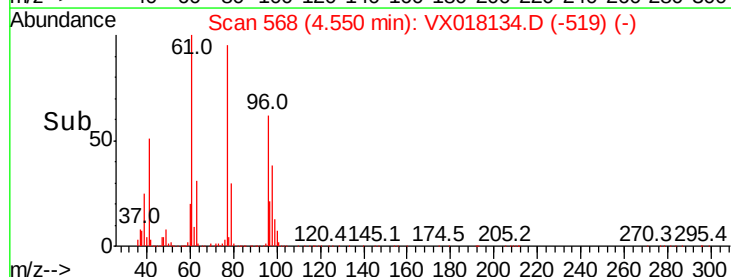
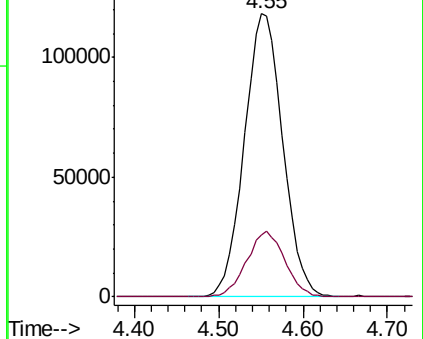
77 100

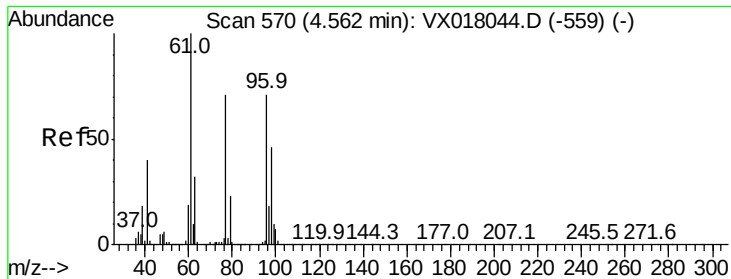
97 23.1 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



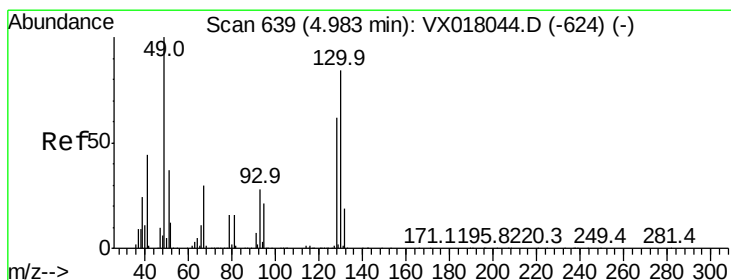
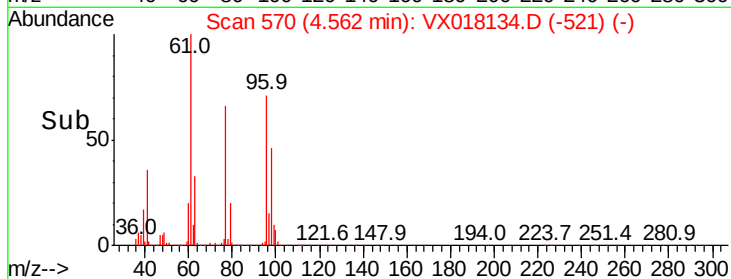
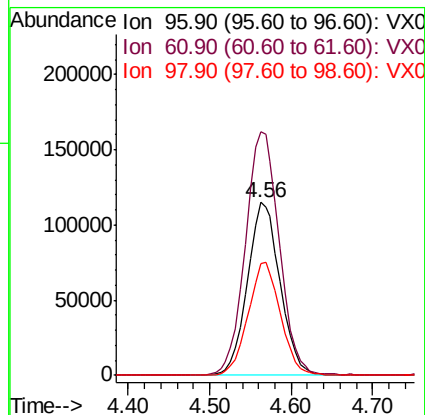
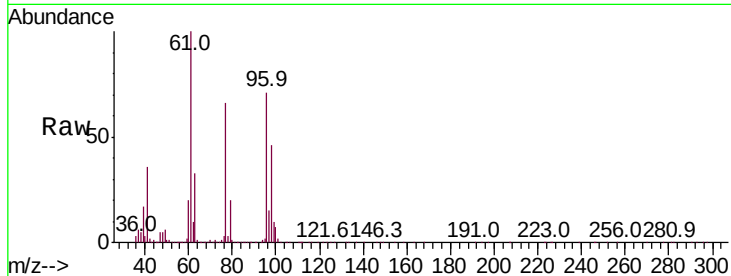


#27

cis-1,2-Dichloroethene
Concen: 48.111 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX018134.D
Acq: 28 Aug 2020 20:29

Instrument :
MSVOA_X
ClientSampleId :
789UMR-DSP02-01MS

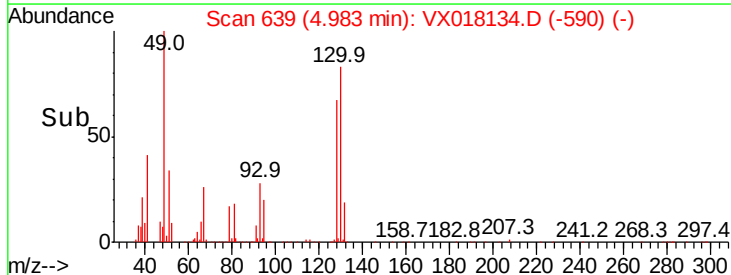
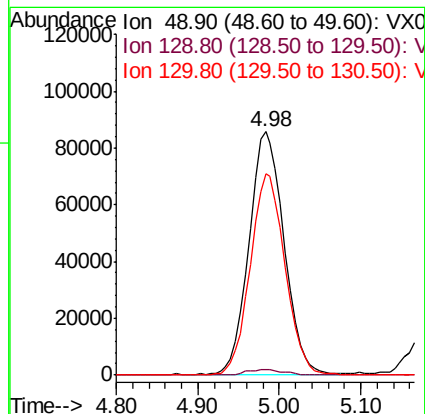
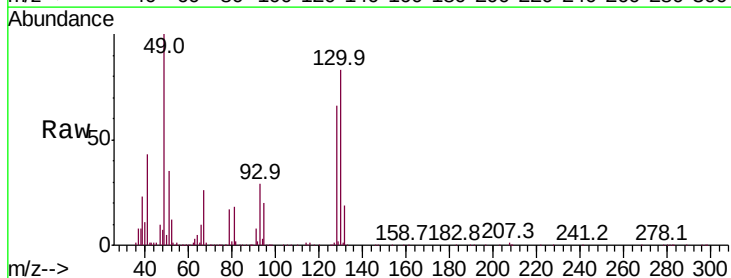
Tot Ion	Ratio	Lower	Upper
96	100		
61	145.9	0.0	296.6
98	65.2	0.0	130.2

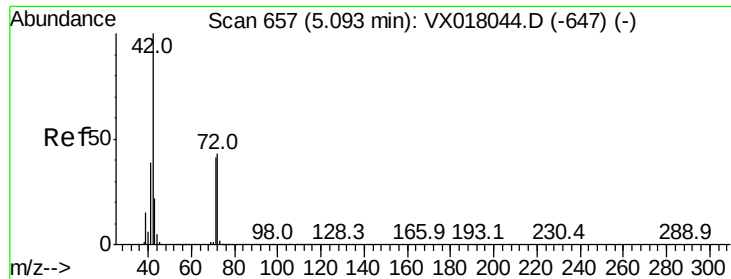


#28

Bromochloromethane
Concen: 50.536 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX018134.D
Acq: 28 Aug 2020 20:29

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.6
130	82.1	64.6	96.8

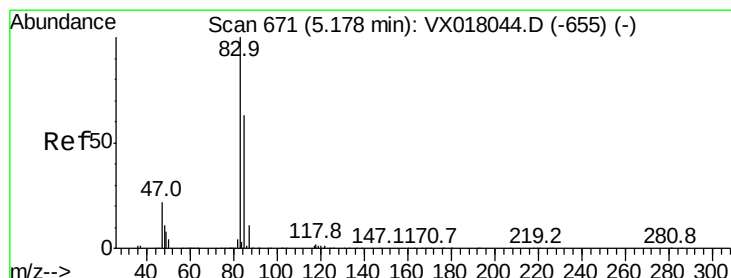
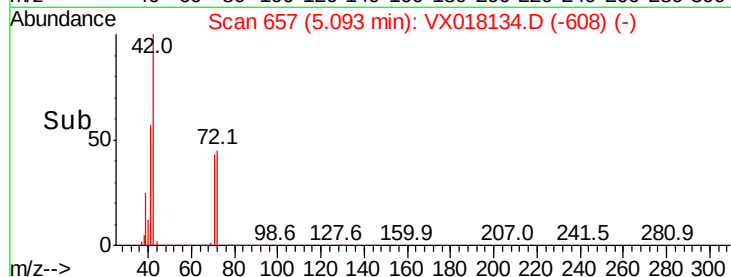
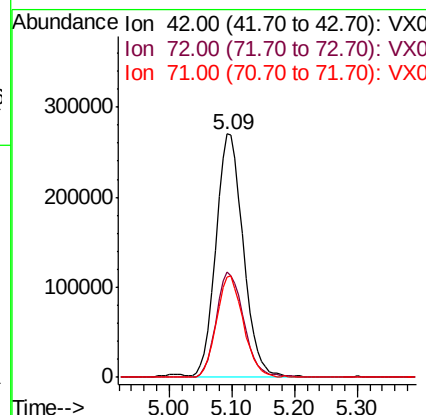
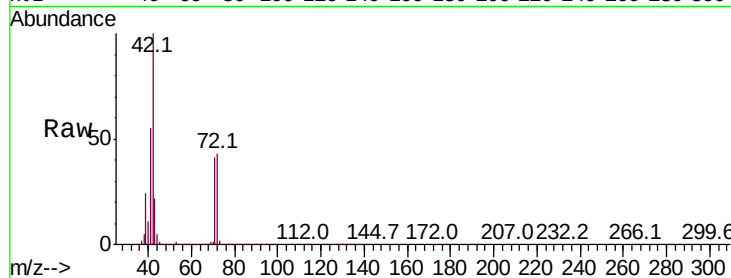




#29
Tetrahydrofuran
Concen: 269.493 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX018134.D
Acq: 28 Aug 2020 20:29

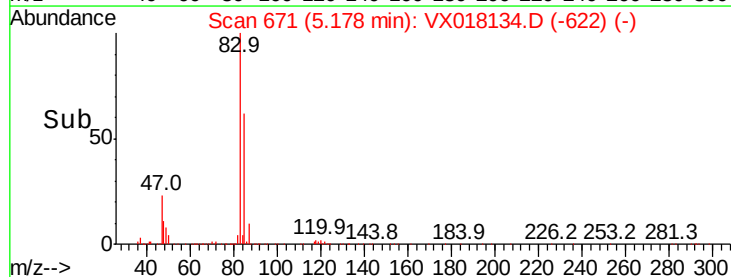
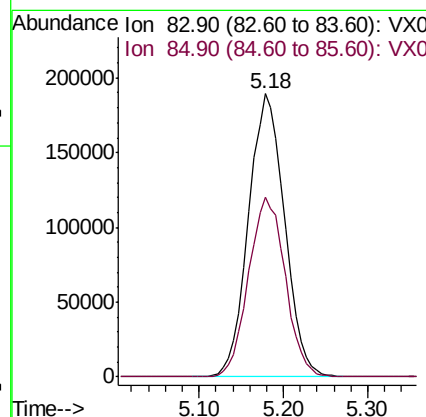
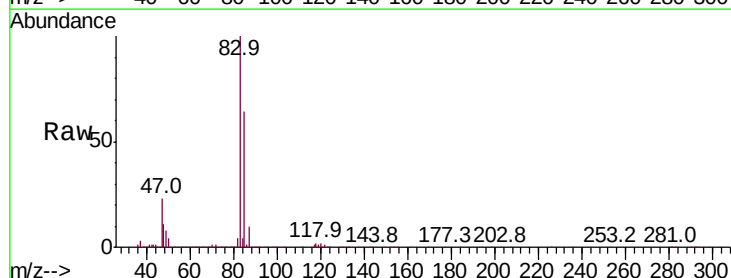
Instrument :
MSVOA_X
ClientSampleId :
789UMR-DSP02-01MS

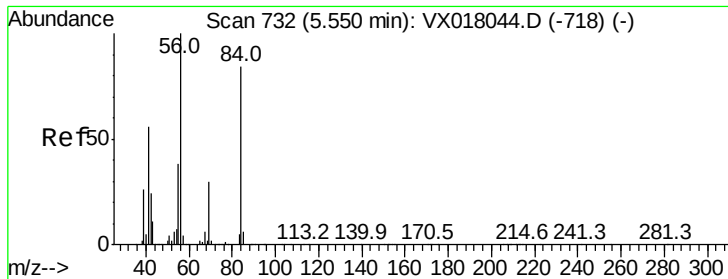
Tot Ion: 42 Resp: 813786
Ion Ratio Lower Upper
42 100
72 43.8 34.2 51.4
71 40.8 32.1 48.1



#30
Chloroform
Concen: 50.604 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX018134.D
Acq: 28 Aug 2020 20:29

Tgt Ion: 83 Resp: 551509
Ion Ratio Lower Upper
83 100
85 63.5 50.7 76.1

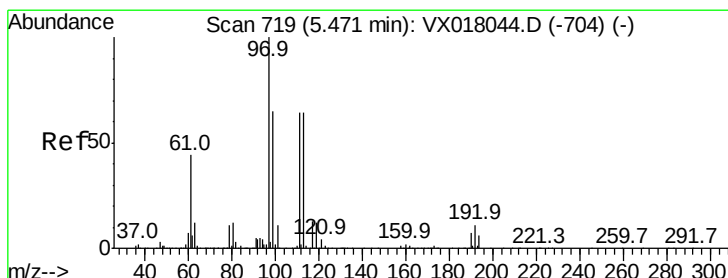
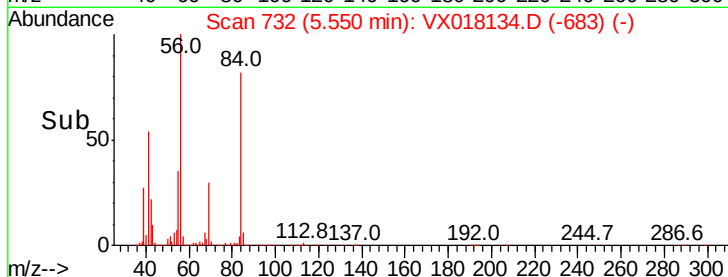
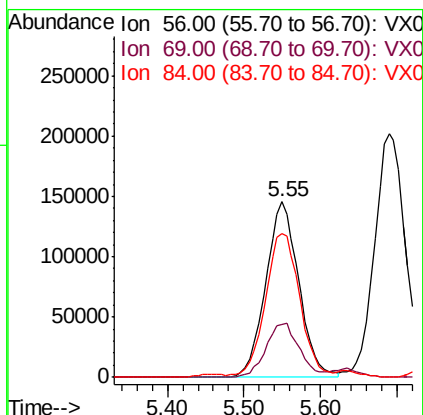
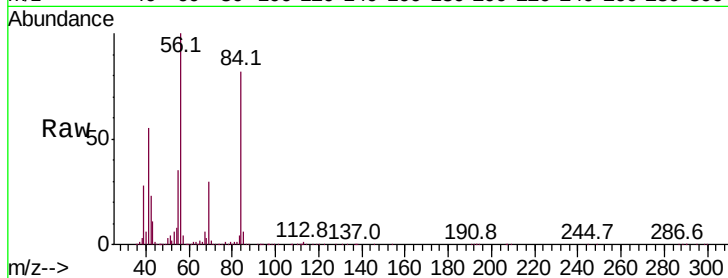




#31
Cyclohexane
Concen: 49.284 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX018134.D
Acq: 28 Aug 2020 20:29

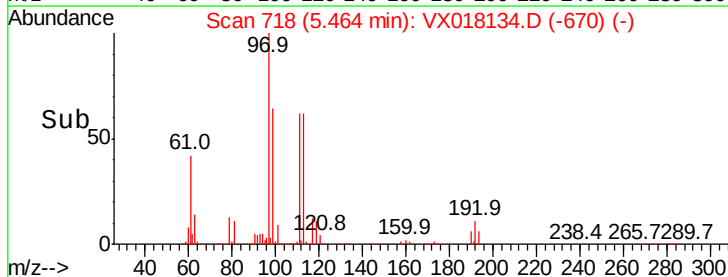
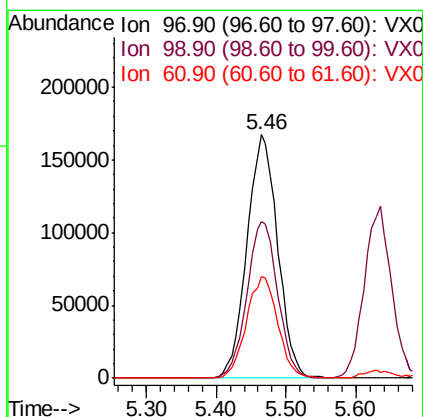
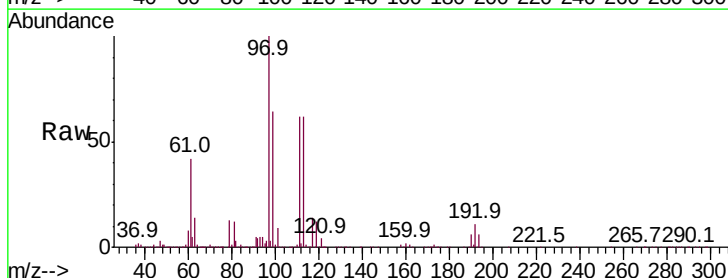
Instrument :
MSVOA_X
ClientSampleId :
789UMR-DSP02-01MS

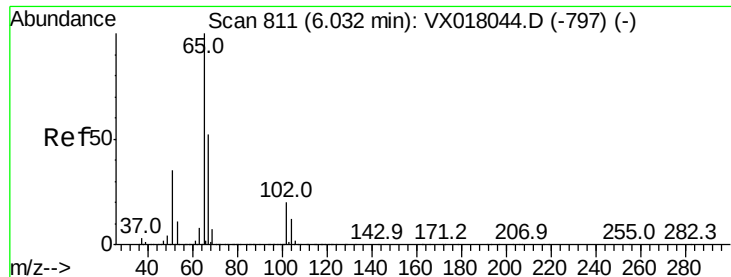
Tot Ion	Ratio	Lower	Upper
56	100		
69	30.1	23.9	35.9
84	81.9	67.0	100.4



#32
1,1,1-Trichloroethane
Concen: 51.013 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX018134.D
Acq: 28 Aug 2020 20:29

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.4	77.0
61	42.5	34.2	51.4

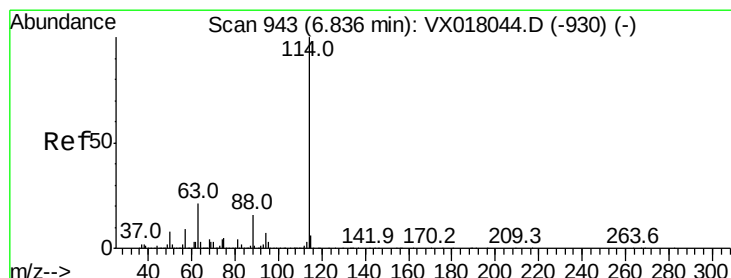
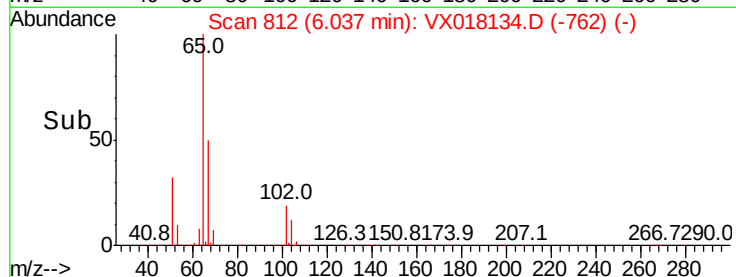
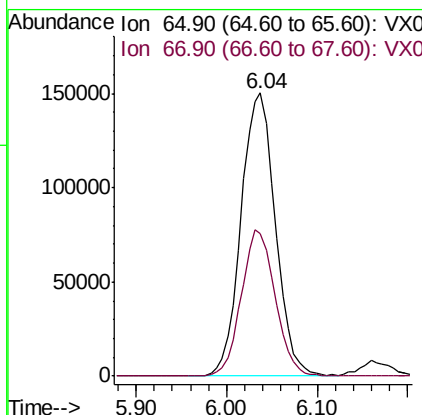
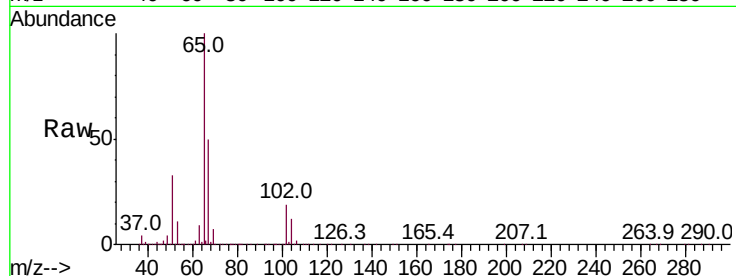




#33
 1,2-Dichloroethane-d4
 Concen: 53.311 ug/l
 RT: 6.04 min Scan# 812
 Delta R.T. 0.01 min
 Lab File: VX018134.D
 Acq: 28 Aug 2020 20:29

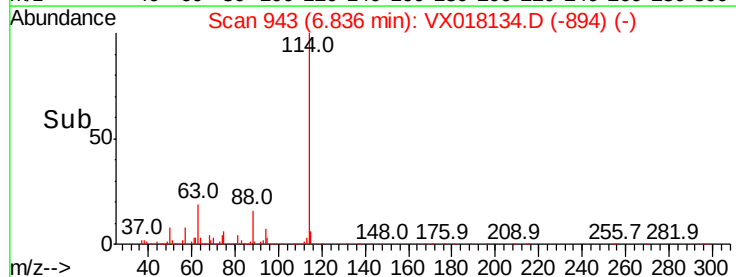
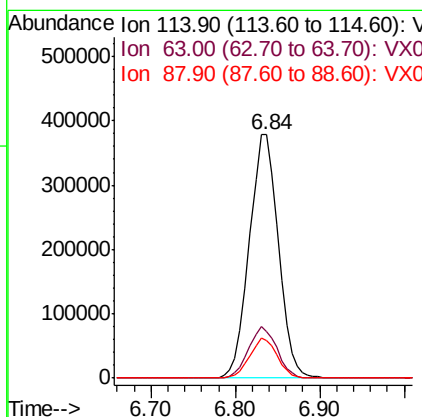
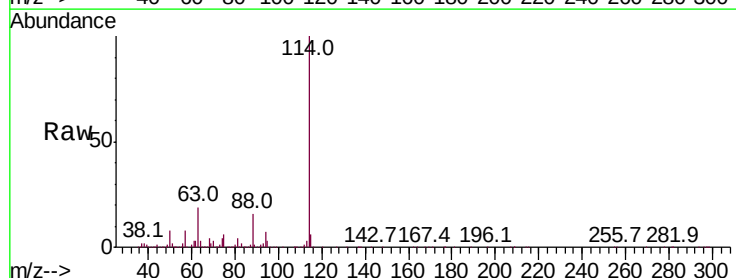
Instrument :
 MSVOA_X
 ClientSampleId :
 789UMR-DSP02-01MS

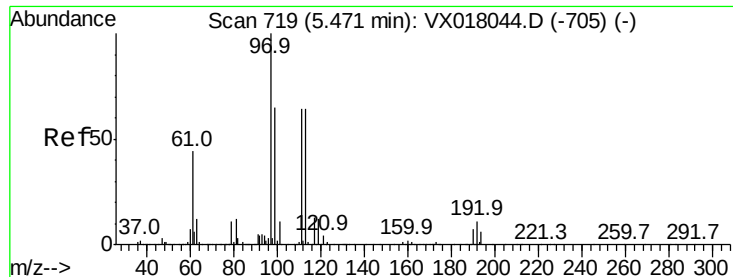
Tot Ion: 65 Resp: 394893
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. -0.00 min
 Lab File: VX018134.D
 Acq: 28 Aug 2020 20:29

Tgt Ion: 114 Resp: 888203
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 42.6
 88 15.5 0.0 31.8

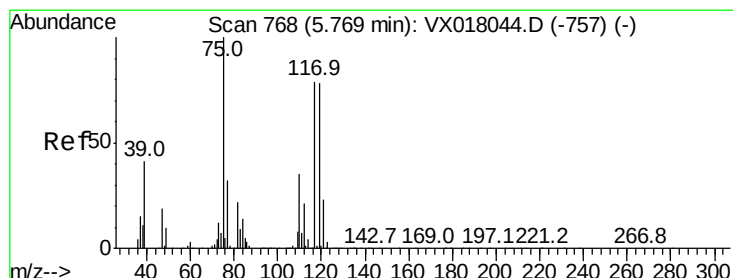
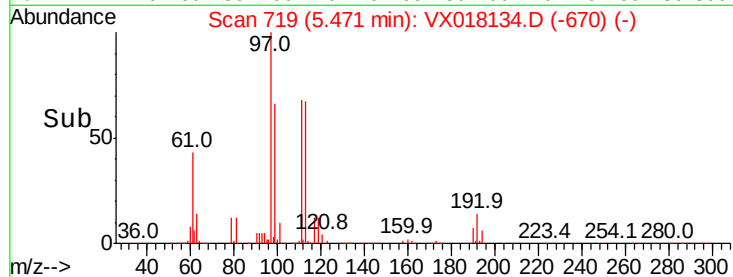
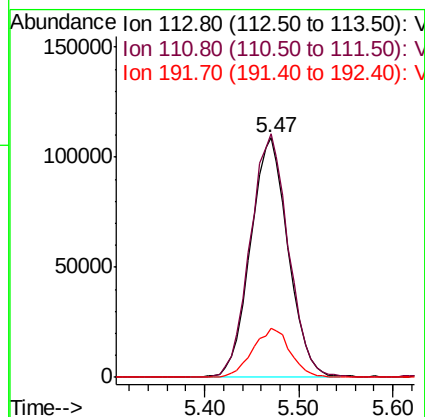
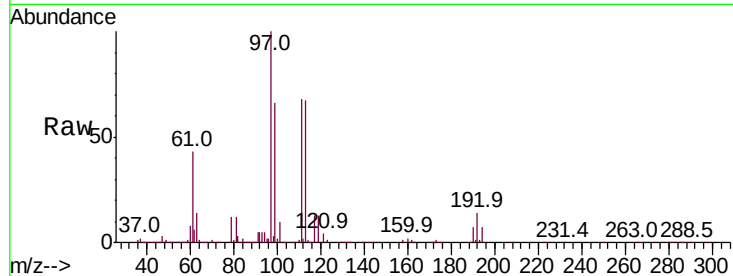




#35
 Dibromofluoromethane
 Concen: 50.397 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. -0.00 min
 Lab File: VX018134.D
 Acq: 28 Aug 2020 20:29

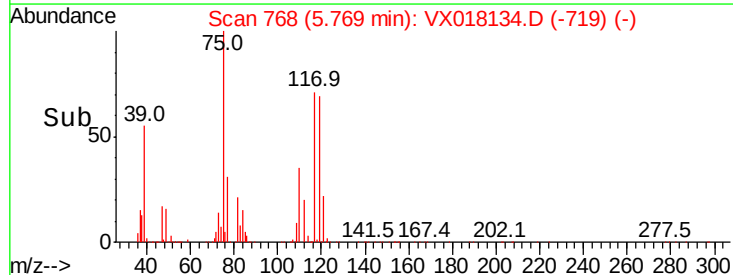
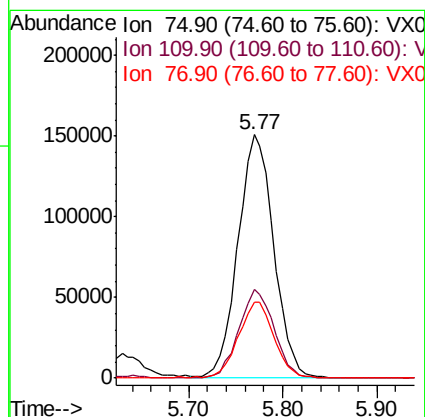
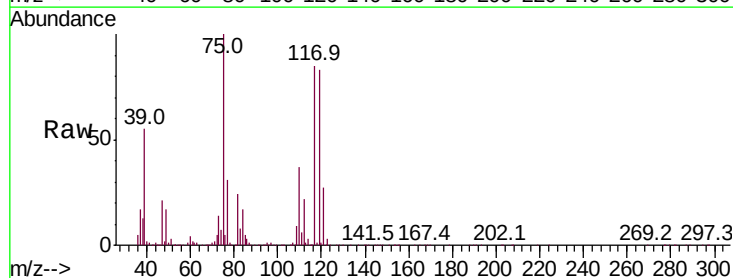
Instrument :
 MSVOA_X
 ClientSampleId :
 789UMR-DSP02-01MS

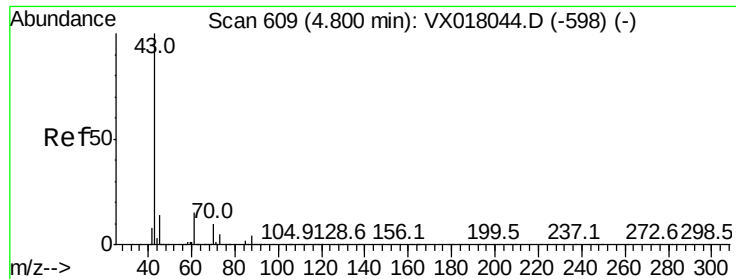
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.6	122.4
192	20.4	15.8	23.8



#36
 1,1-Dichloropropene
 Concen: 48.663 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX018134.D
 Acq: 28 Aug 2020 20:29

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.1	18.0	54.0
77	30.8	24.4	36.6

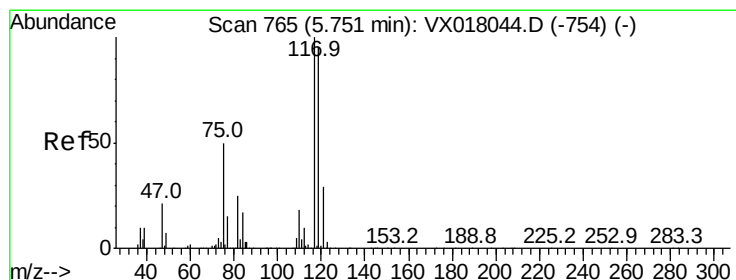
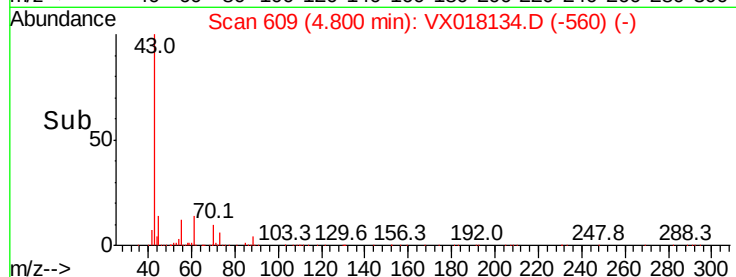
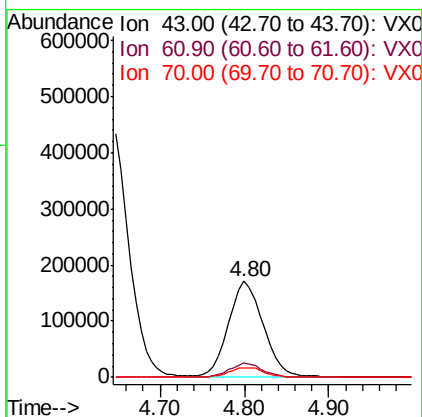
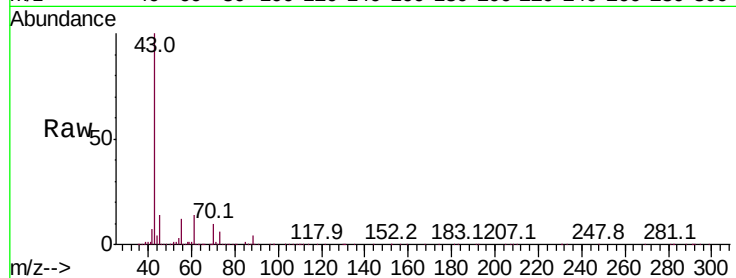




#37
Ethyl Acetate
Concen: 50.598 ug/l
RT: 4.80 min Scan# 609
Delta R.T. -0.00 min
Lab File: VX018134.D
Acq: 28 Aug 2020 20:29

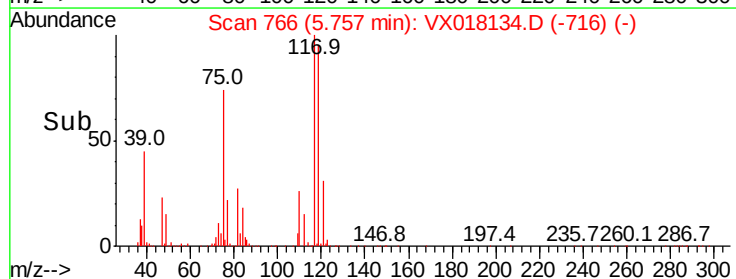
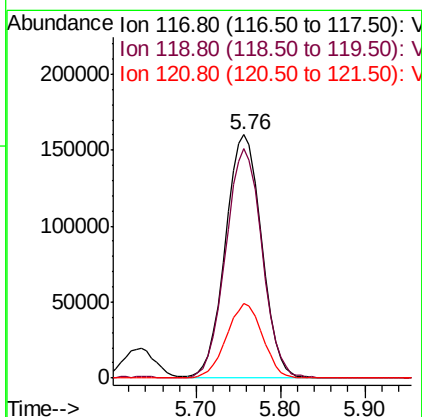
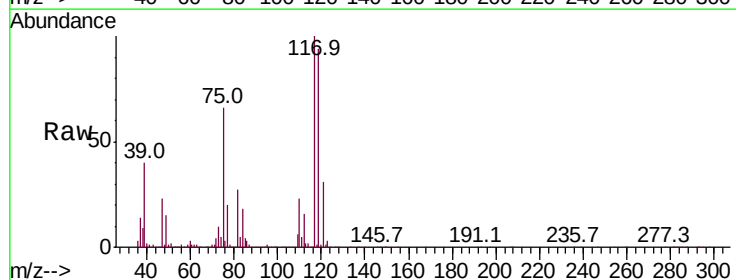
Instrument :
MSVOA_X
ClientSampleId :
789UMR-DSP02-01MS

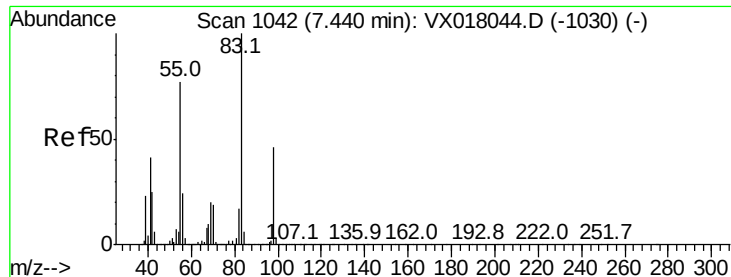
Tot Ion	Ratio	Lower	Upper
43	100		
61	13.8	11.3	16.9
70	10.4	8.2	12.4



#38
Carbon Tetrachloride
Concen: 50.664 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX018134.D
Acq: 28 Aug 2020 20:29

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.1	75.8	113.6
121	30.6	23.4	35.0

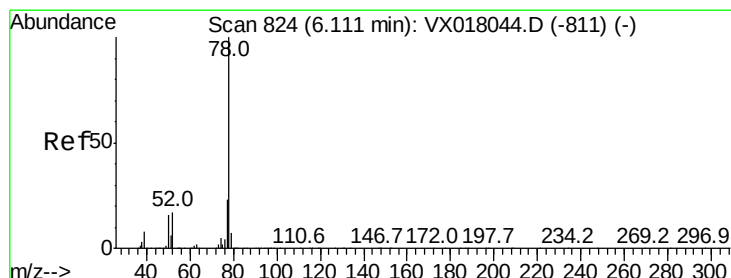
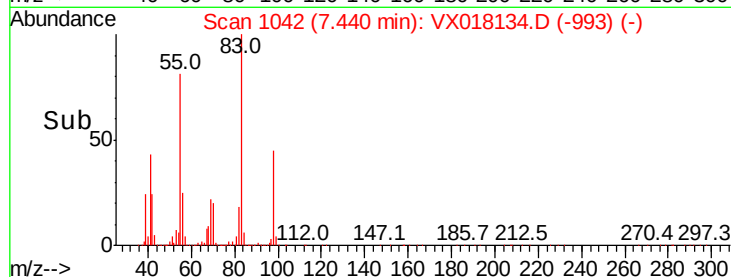
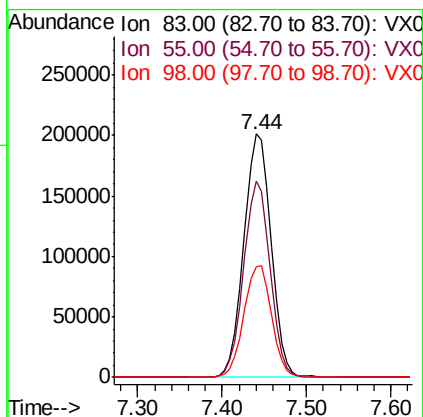
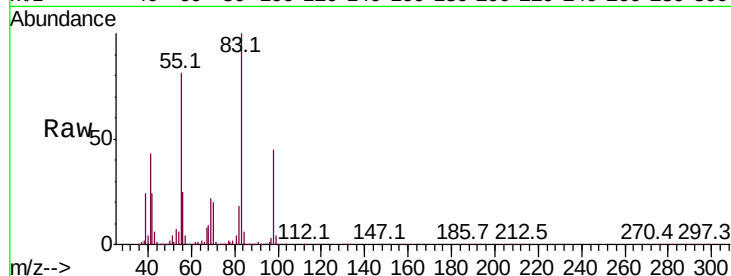




#39
Methylvlcyclohexane
Concen: 49.382 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX018134.D
Acq: 28 Aug 2020 20:29

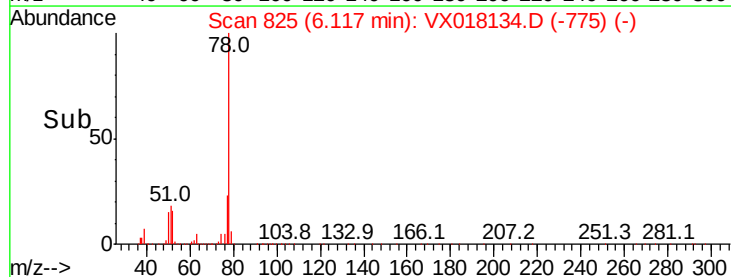
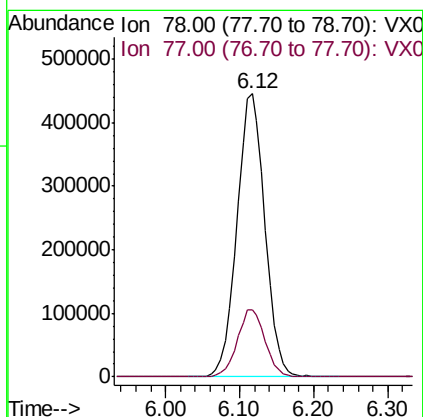
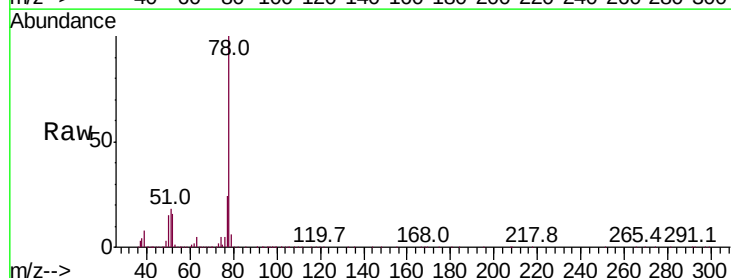
Instrument :
MSVOA_X
ClientSampleId :
789UMR-DSP02-01MS

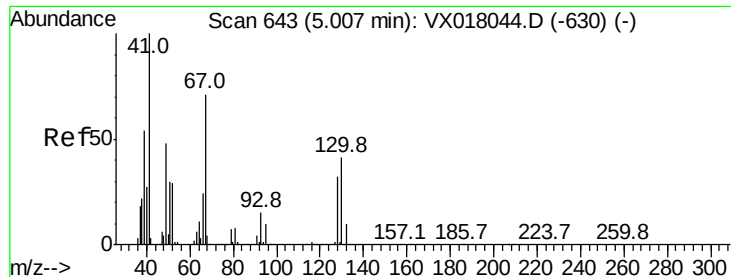
Tot Ion: 83 Resp: 442366
Ion Ratio Lower Upper
83 100
55 80.4 61.8 92.6
98 45.1 36.6 55.0



#40
Benzene
Concen: 48.621 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX018134.D
Acq: 28 Aug 2020 20:29

Tgt Ion: 78 Resp: 1170425
Ion Ratio Lower Upper
78 100
77 23.6 18.2 27.2





#41

Methacrylonitrile

Concen: 49.726 ug/l

RT: 5.01 min Scan# 643

Delta R.T. -0.00 min

Lab File: VX018134.D

Acq: 28 Aug 2020 20:29

Instrument :

MSVOA_X

ClientSampleId :

789UMR-DSP02-01MS

Tot Ion: 41 Resp: 259789

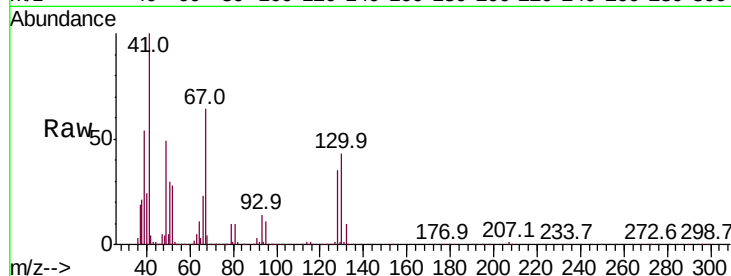
Ion Ratio Lower Upper

41 100

39 54.7 43.1 64.7

67 70.1 56.0 84.0

52 29.2 22.7 34.1

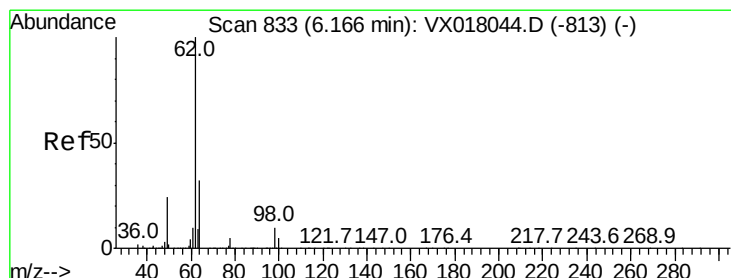
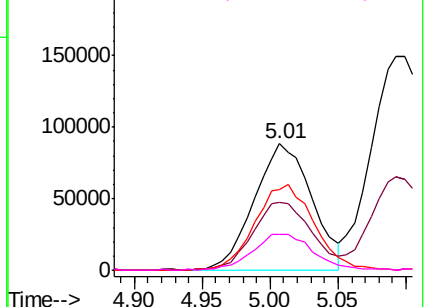
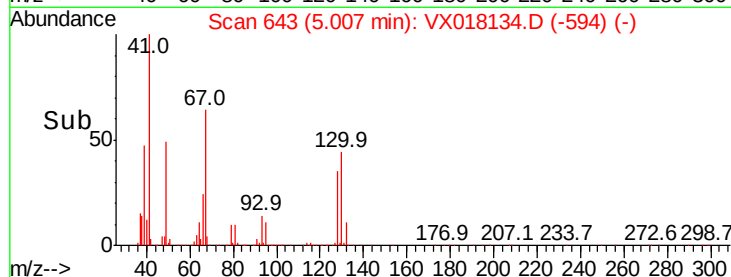


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 50.349 ug/l

RT: 6.17 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX018134.D

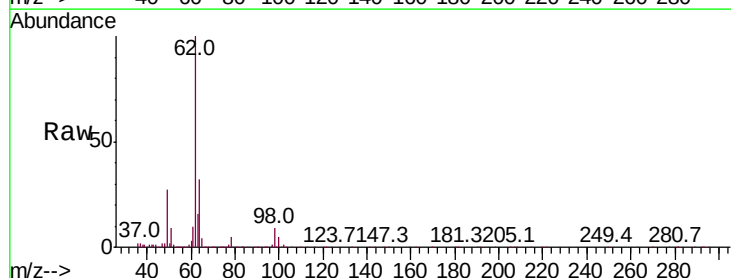
Acq: 28 Aug 2020 20:29

Tgt Ion: 62 Resp: 464363

Ion Ratio Lower Upper

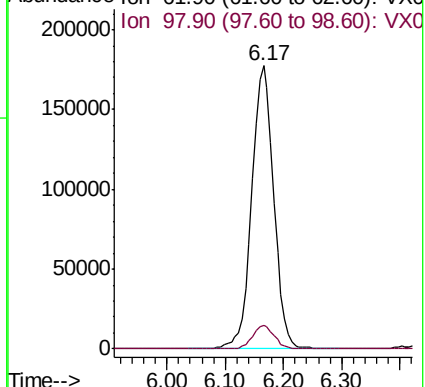
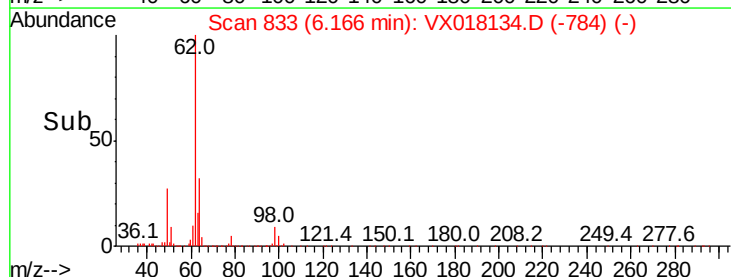
62 100

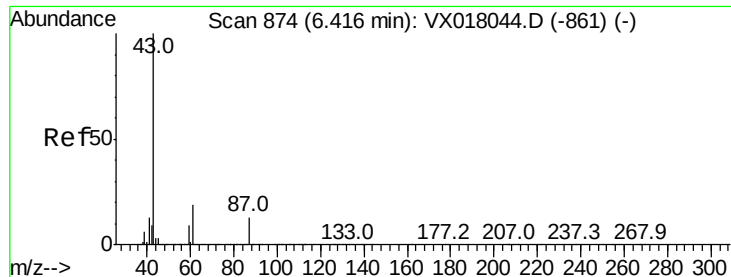
98 8.4 0.0 18.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 59.914 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX018134.D

Acq: 28 Aug 2020 20:29

Instrument :

MSVOA_X

ClientSampleId :

789UMR-DSP02-01MS

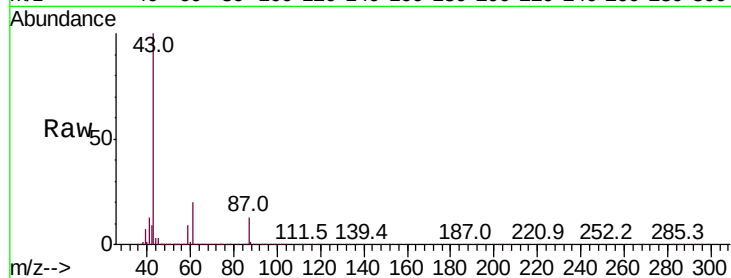
Tot Ion: 43 Resp: 920771

Ion Ratio Lower Upper

43 100

61 19.5 15.7 23.5

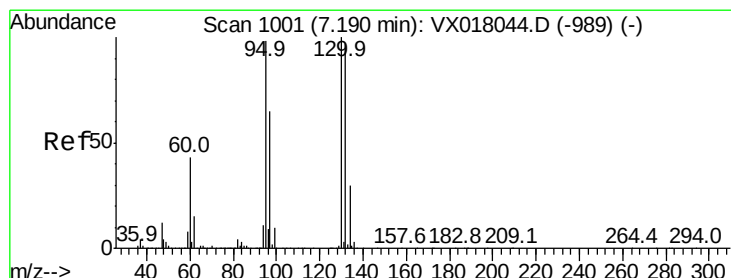
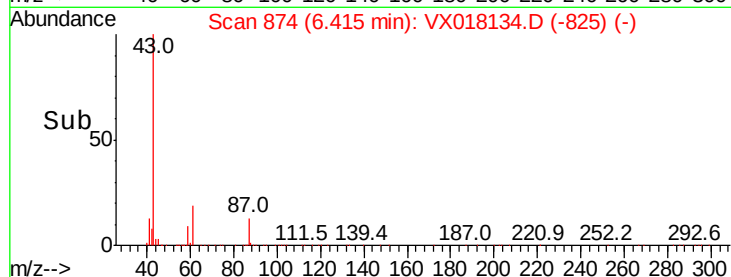
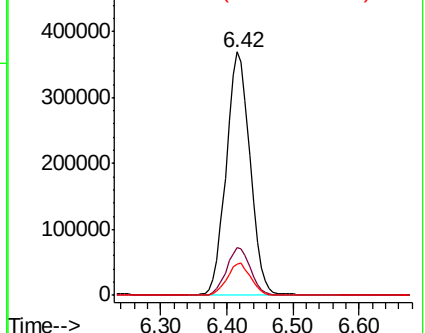
87 13.0 10.3 15.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 47.410 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX018134.D

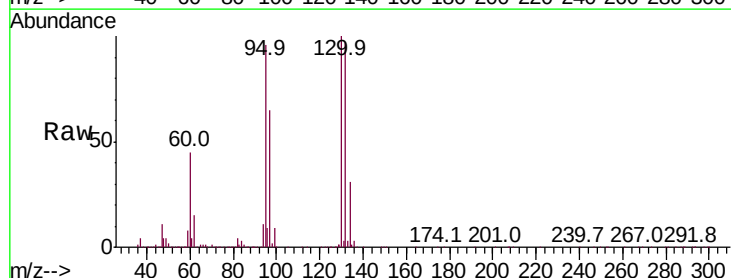
Acq: 28 Aug 2020 20:29

Tgt Ion:130 Resp: 322470

Ion Ratio Lower Upper

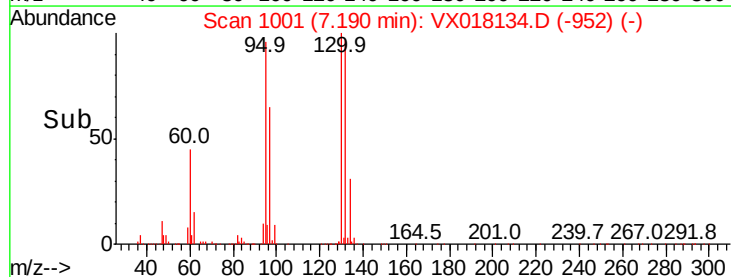
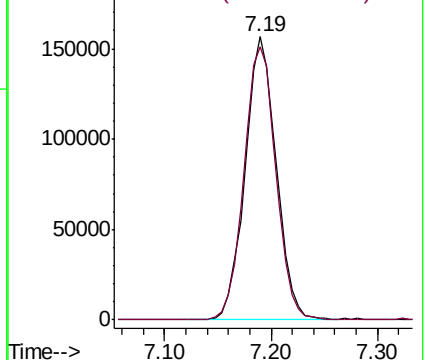
130 100

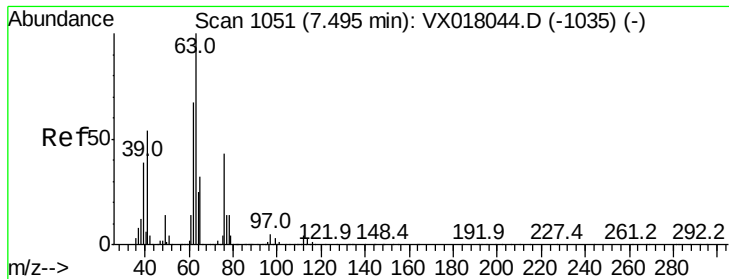
95 96.3 0.0 196.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

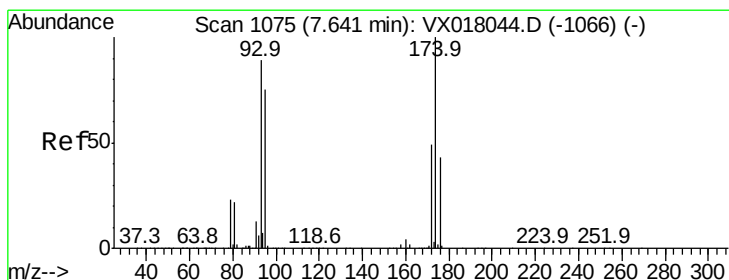
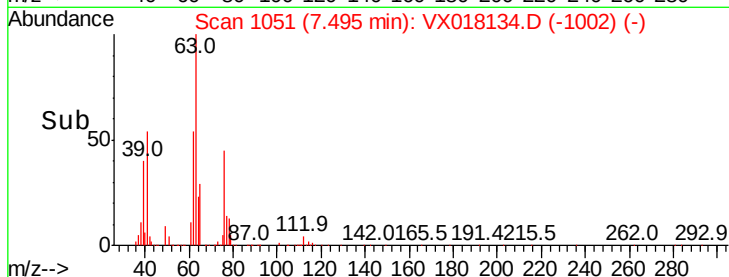
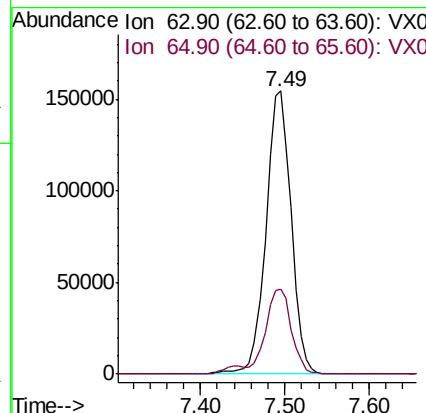
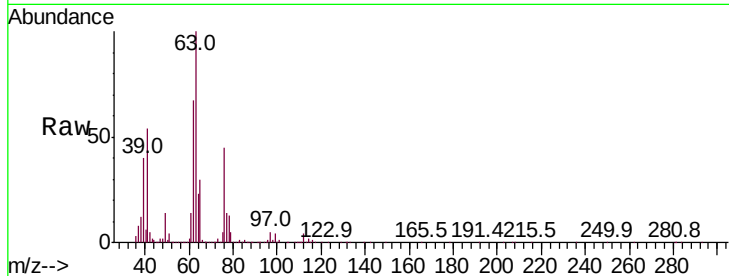




#45
 1,2-Dichloropropane
 Concen: 49.041 ug/l
 RT: 7.49 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VX018134.D
 Acq: 28 Aug 2020 20:29

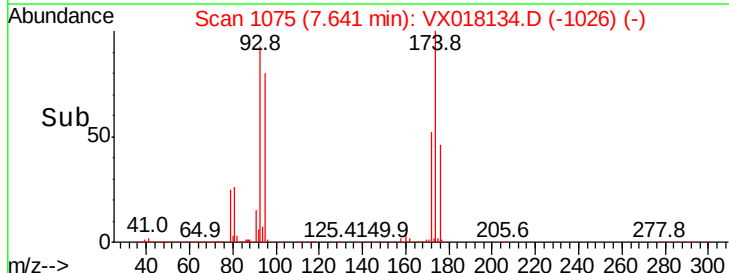
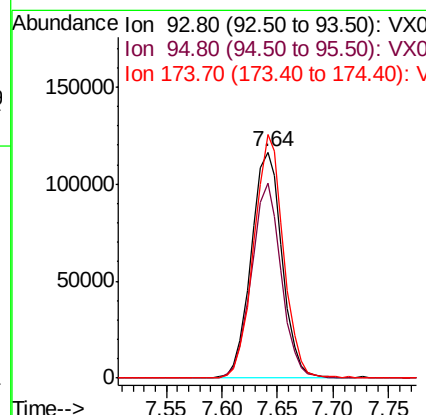
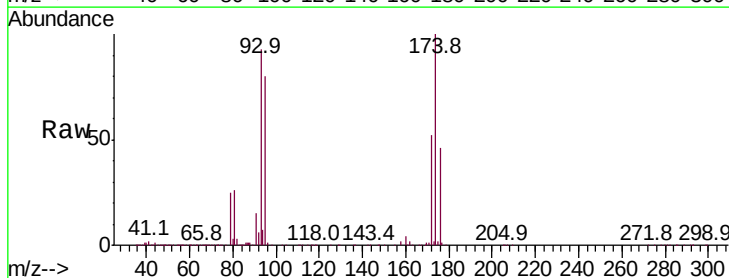
Instrument :
 MSVOA_X
 ClientSampleId :
 789UMR-DSP02-01MS

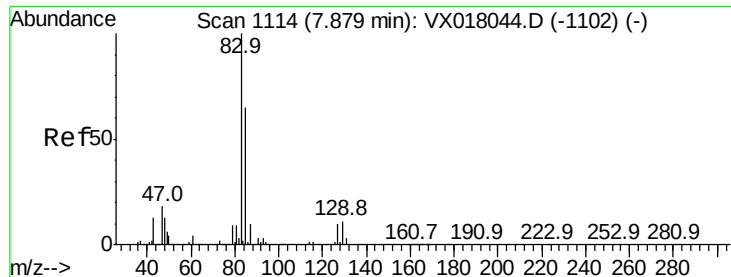
Tot Ion: 63 Resp: 318170
 Ion Ratio Lower Upper
 63 100
 65 30.1 25.7 38.5



#46
 Dibromomethane
 Concen: 49.265 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX018134.D
 Acq: 28 Aug 2020 20:29

Tgt Ion: 93 Resp: 224766
 Ion Ratio Lower Upper
 93 100
 95 83.4 67.3 100.9
 174 103.7 82.2 123.2





#47

Bromodichloromethane

Concen: 50.856 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX018134.D

Acq: 28 Aug 2020 20:29

Instrument :

MSVOA_X

ClientSampleId :

789UMR-DSP02-01MS

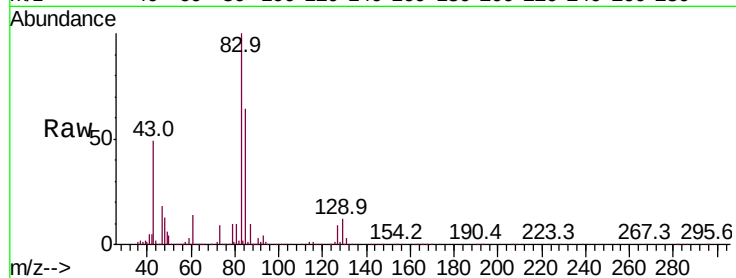
Tot Ion: 83 Resp: 463278

Ion Ratio Lower Upper

83 100

85 63.9 51.8 77.6

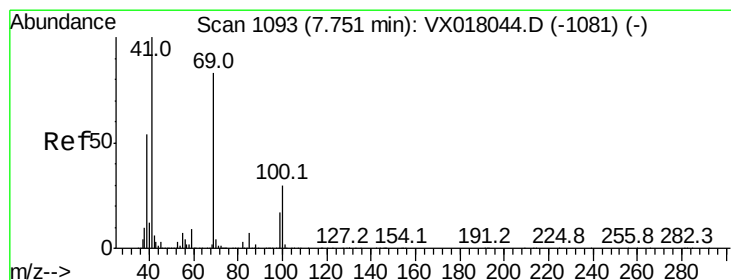
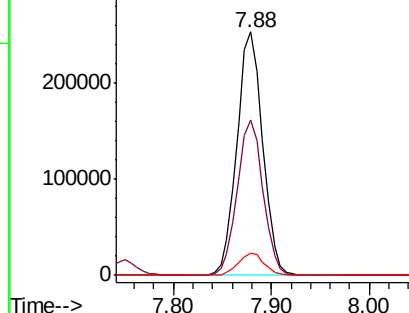
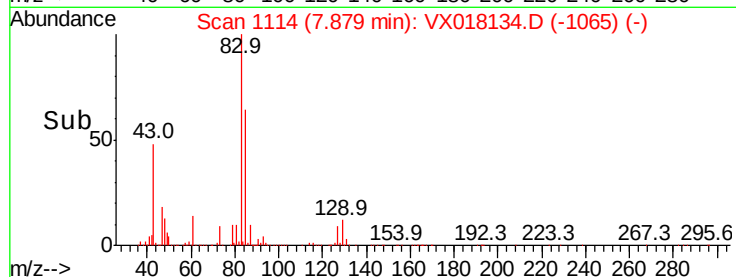
127 9.2 7.7 11.5



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: 51.005 ug/l

RT: 7.75 min Scan# 1093

Delta R.T. -0.00 min

Lab File: VX018134.D

Acq: 28 Aug 2020 20:29

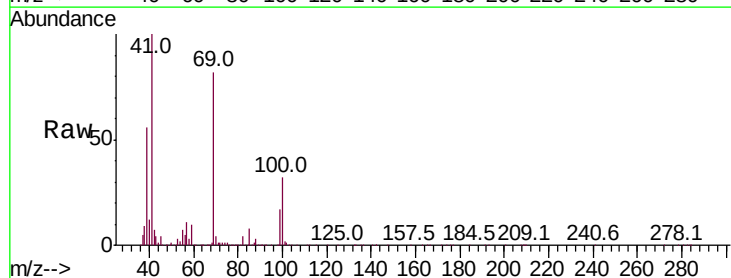
Tgt Ion: 41 Resp: 390210

Ion Ratio Lower Upper

41 100

69 80.4 65.5 98.3

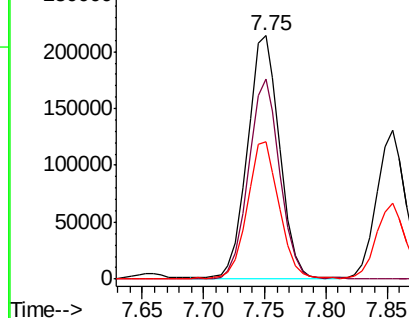
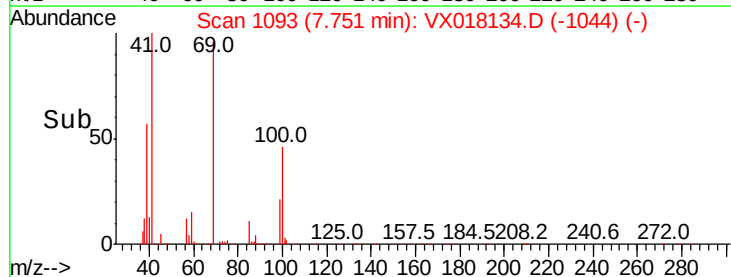
39 55.4 44.5 66.7

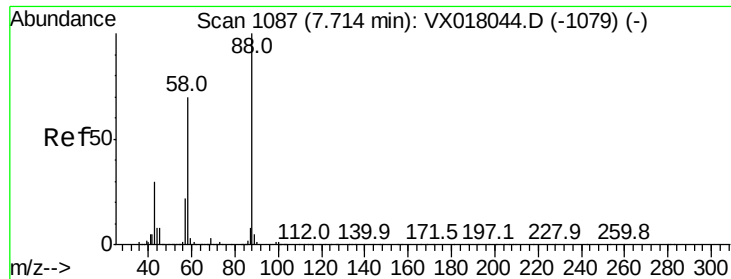


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1049.838 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX018134.D

Acq: 28 Aug 2020 20:29

Instrument :

MSVOA_X

ClientSampleId :

789UMR-DSP02-01MS

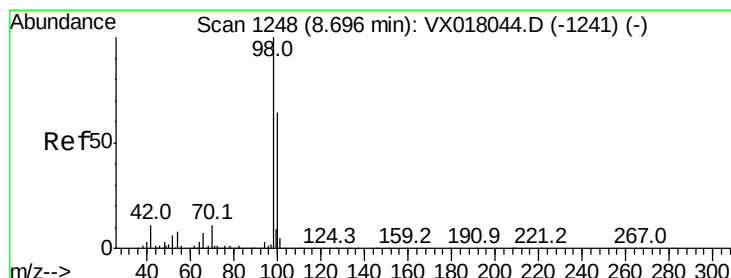
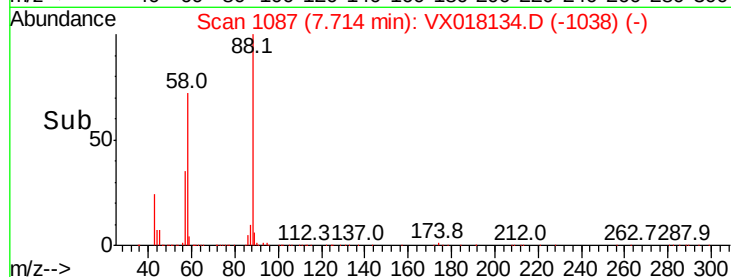
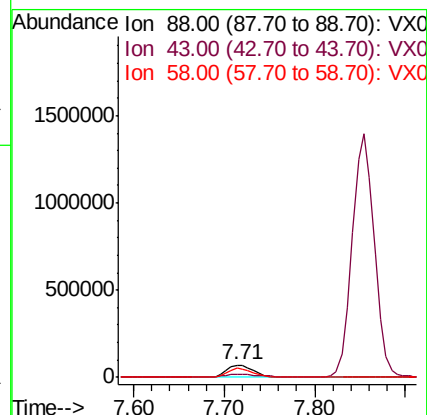
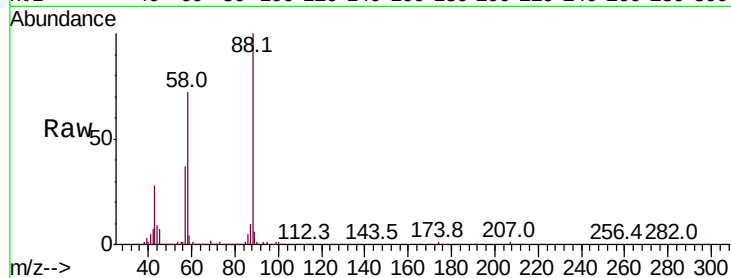
Tot Ion: 88 Resp: 145488

Ion Ratio Lower Upper

88 100

43 0.0 27.4 41.0#

58 73.6 56.4 84.6



#50

Toluene-d8

Concen: 49.880 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX018134.D

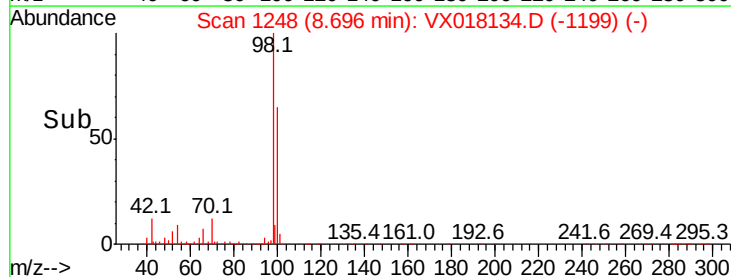
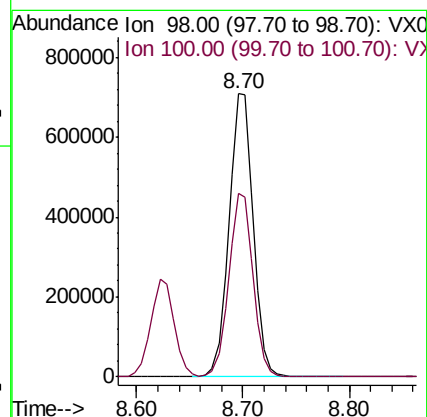
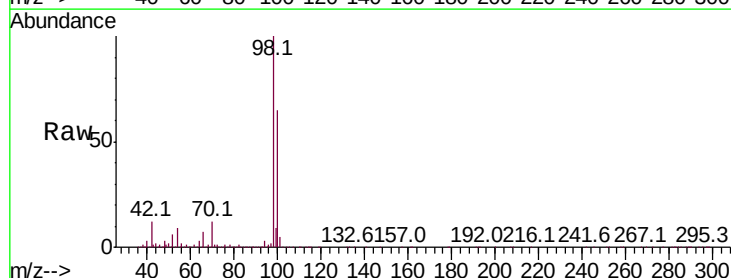
Acq: 28 Aug 2020 20:29

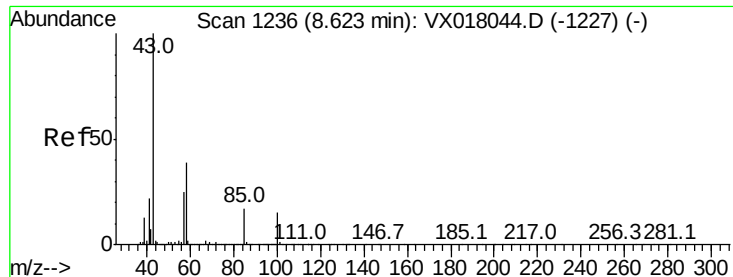
Tgt Ion: 98 Resp: 1123817

Ion Ratio Lower Upper

98 100

100 65.2 52.2 78.4





#51

4-Methyl-2-Pentanone

Concen: 279.095 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX018134.D

Acq: 28 Aug 2020 20:29

Instrument :

MSVOA_X

ClientSampleId :

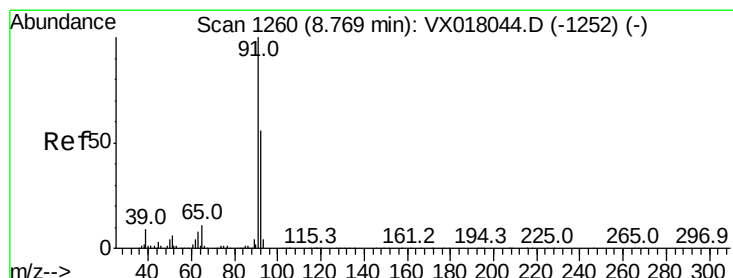
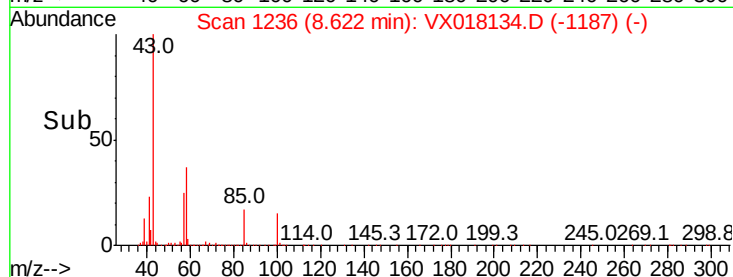
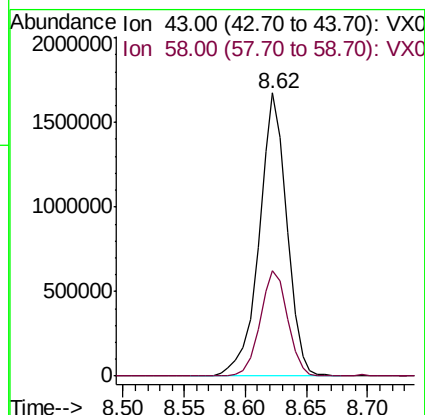
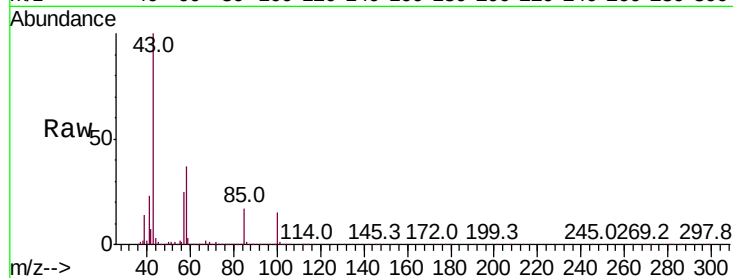
789UMR-DSP02-01MS

Tot Ion: 43 Resp: 2649488

Ion Ratio Lower Upper

43 100

58 36.9 30.7 46.1



#52

Toluene

Concen: 49.294 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX018134.D

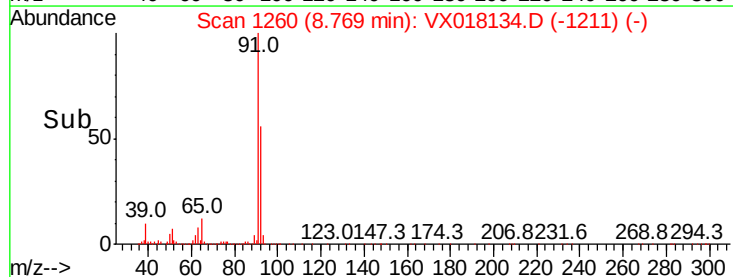
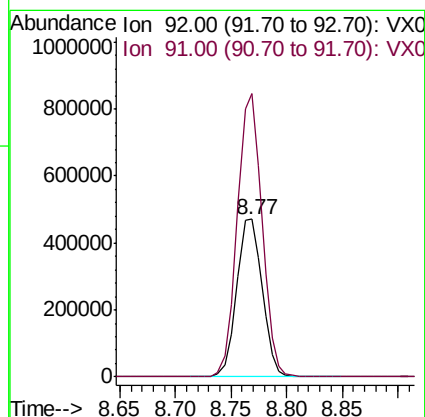
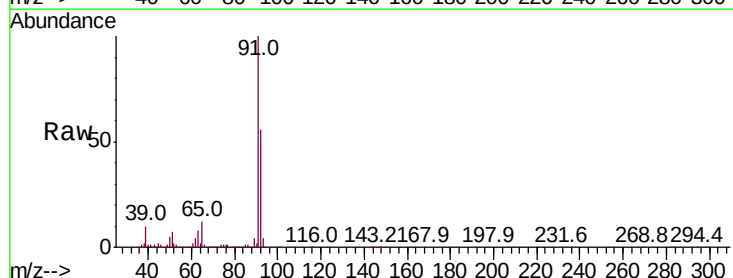
Acq: 28 Aug 2020 20:29

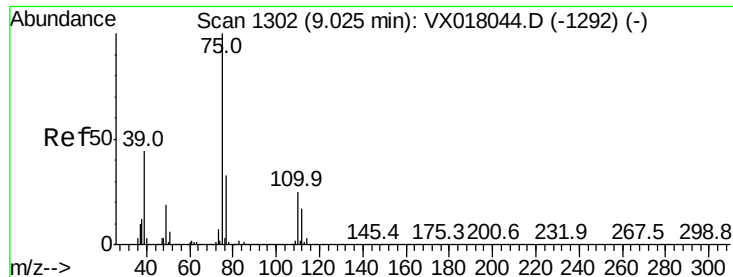
Tgt Ion: 92 Resp: 752430

Ion Ratio Lower Upper

92 100

91 173.4 140.3 210.5





#53

t-1,3-Dichloropropene

Concen: 49.743 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX018134.D

Acq: 28 Aug 2020 20:29

Instrument :

MSVOA_X

ClientSampleId :

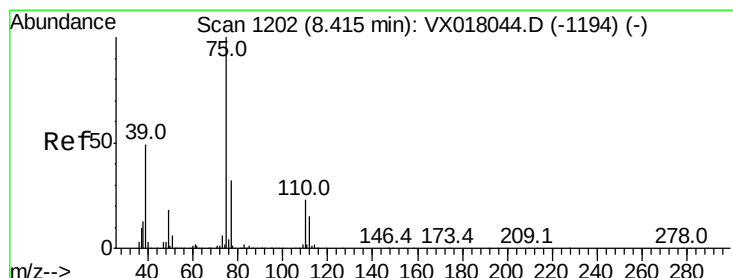
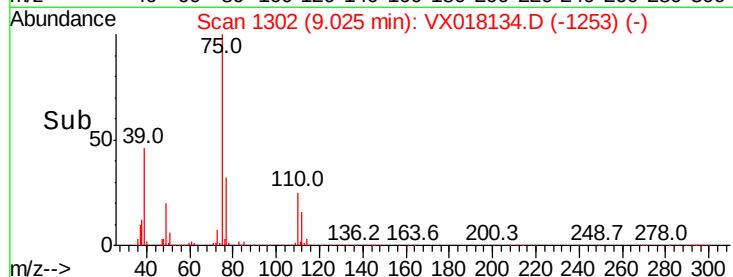
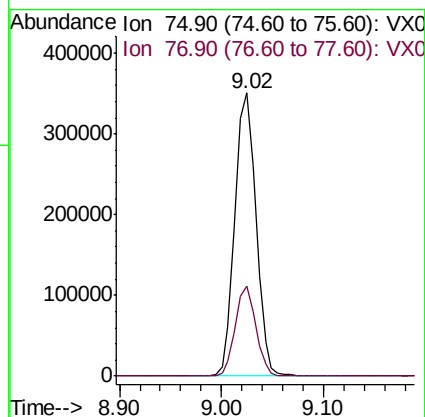
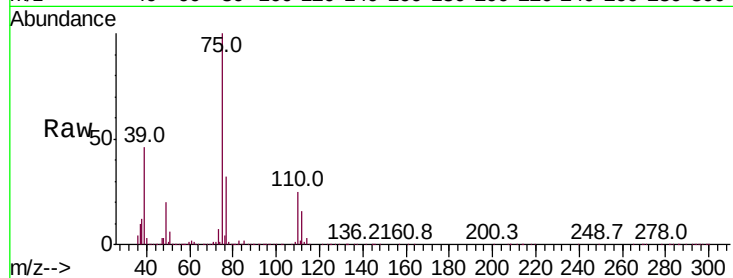
789UMR-DSP02-01MS

Tot Ion: 75 Resp: 502222

Ion Ratio Lower Upper

75 100

77 31.6 26.6 39.8



#54

cis-1,3-Dichloropropene

Concen: 46.853 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX018134.D

Acq: 28 Aug 2020 20:29

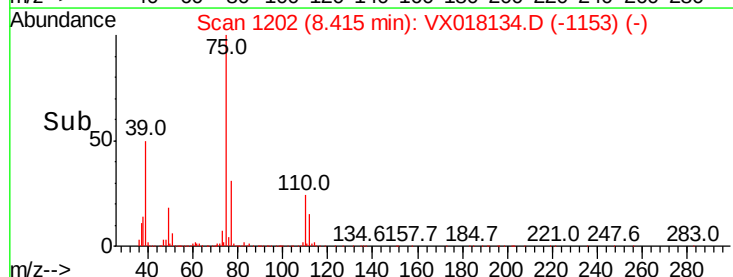
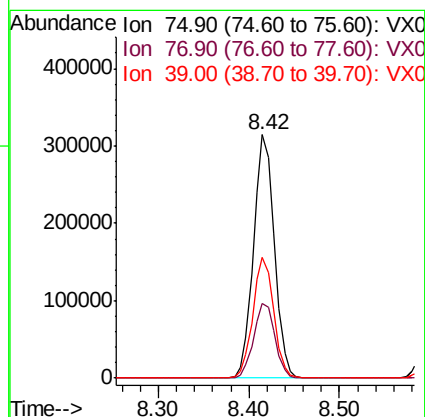
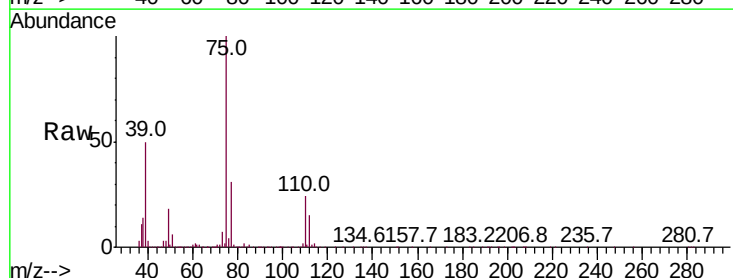
Tgt Ion: 75 Resp: 501104

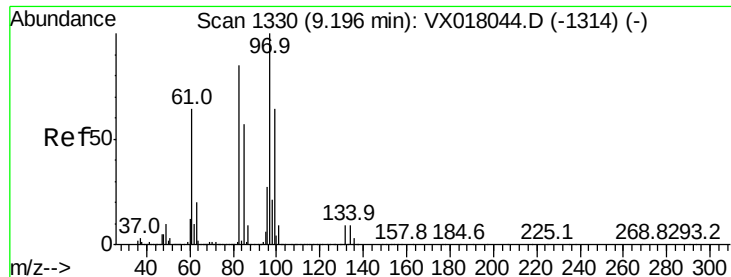
Ion Ratio Lower Upper

75 100

77 30.6 25.8 38.8

39 49.5 38.8 58.2





#55

1,1,2-Trichloroethane

Concen: 50.473 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX018134.D

Acq: 28 Aug 2020 20:29

Instrument :

MSVOA_X

ClientSampleId :

789UMR-DSP02-01MS

Tot Ion: 97 Resp: 328582

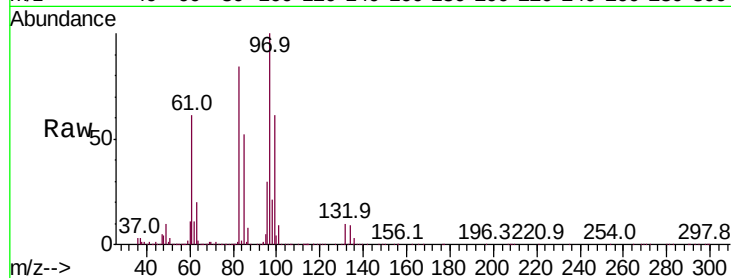
Ion Ratio Lower Upper

97 100

83 84.2 67.8 101.6

85 52.1 45.3 67.9

99 60.7 50.9 76.3

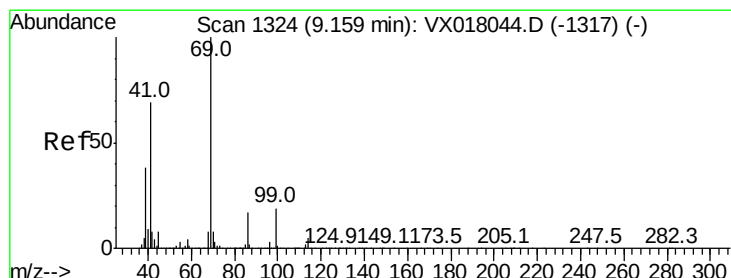
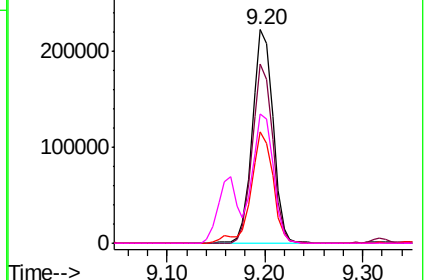
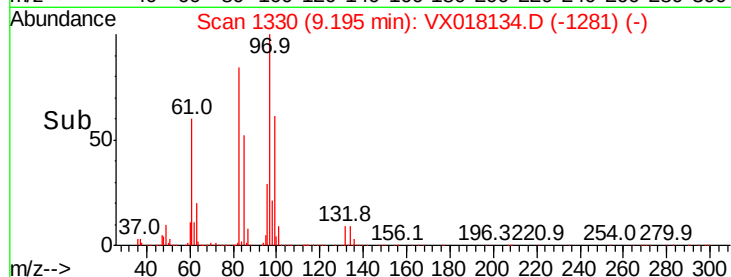


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 51.161 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX018134.D

Acq: 28 Aug 2020 20:29

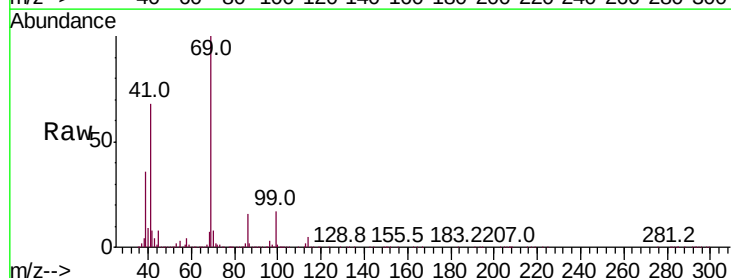
Tgt Ion: 69 Resp: 495134

Ion Ratio Lower Upper

69 100

41 68.8 54.6 81.8

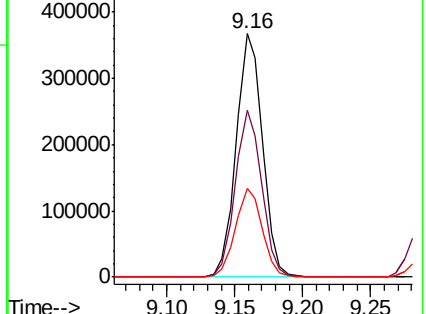
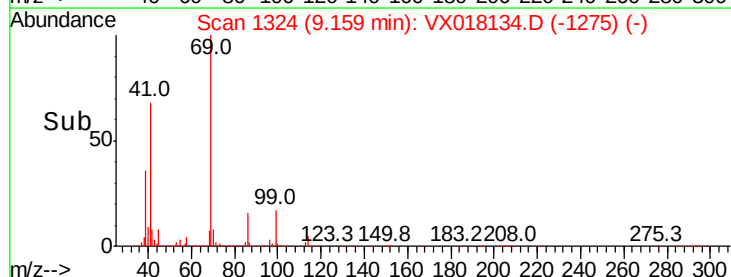
39 37.0 29.1 43.7

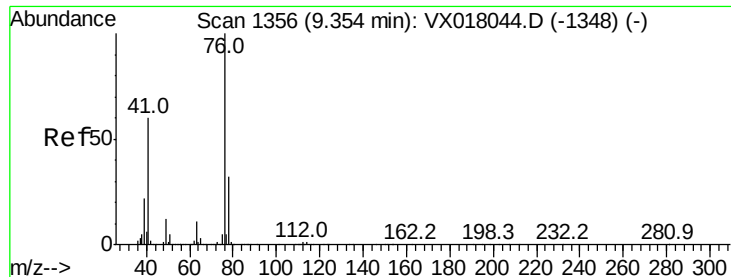


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 49.454 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX018134.D

Acq: 28 Aug 2020 20:29

Instrument :

MSVOA_X

ClientSampleId :

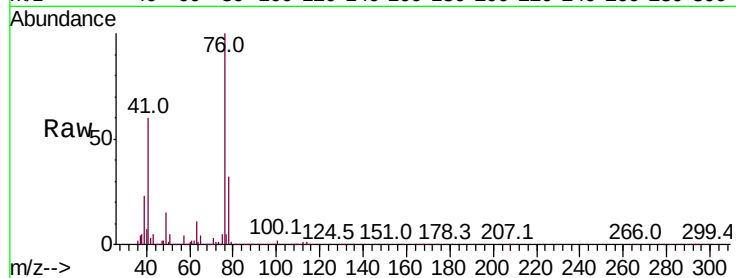
789UMR-DSP02-01MS

Tot Ion: 76 Resp: 531004

Ion Ratio Lower Upper

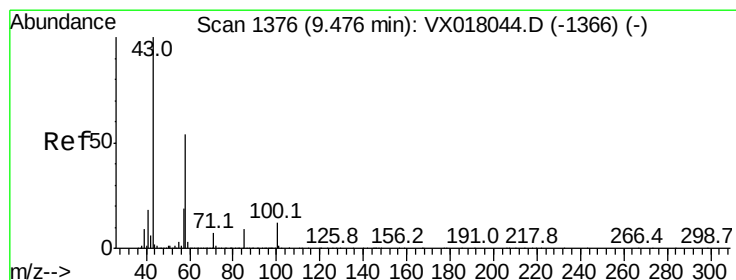
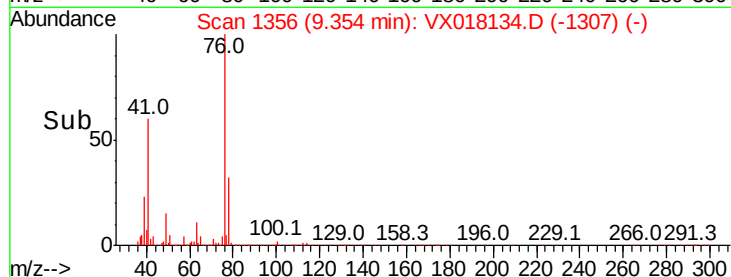
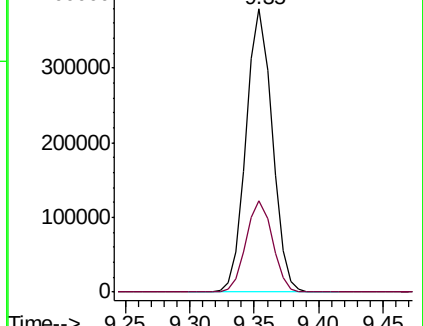
76 100

78 32.8 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#59

2-Hexanone

Concen: 273.150 ug/l

RT: 9.48 min Scan# 1376

Delta R.T. -0.00 min

Lab File: VX018134.D

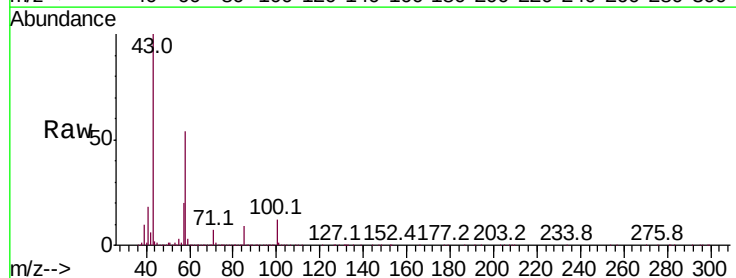
Acq: 28 Aug 2020 20:29

Tgt Ion: 43 Resp: 1971719

Ion Ratio Lower Upper

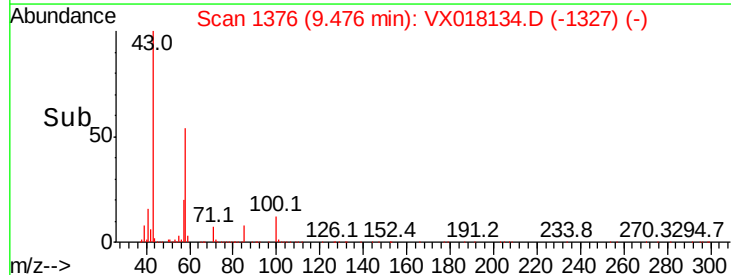
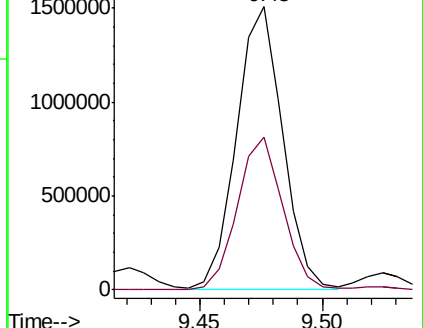
43 100

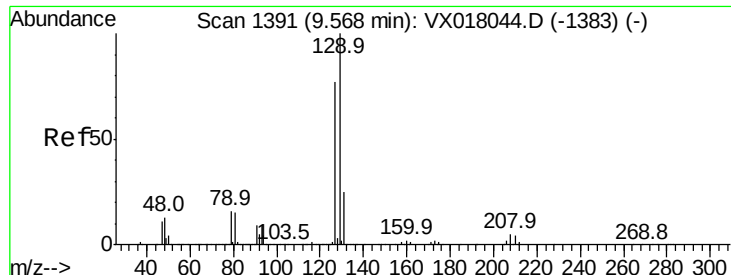
58 53.7 26.6 79.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#60

Dibromochloromethane

Concen: 51.227 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX018134.D

Acq: 28 Aug 2020 20:29

Instrument :

MSVOA_X

ClientSampleId :

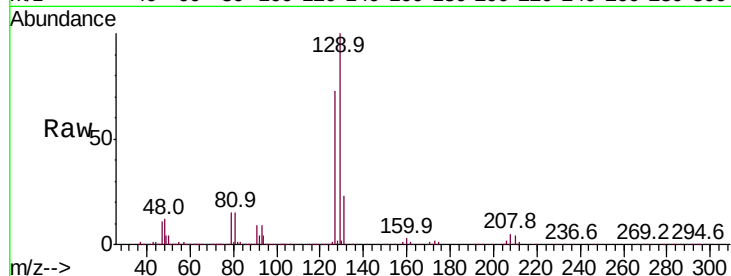
789UMR-DSP02-01MS

Tot Ion:129 Resp: 391216

Ion Ratio Lower Upper

129 100

127 78.7 38.9 116.6



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.57

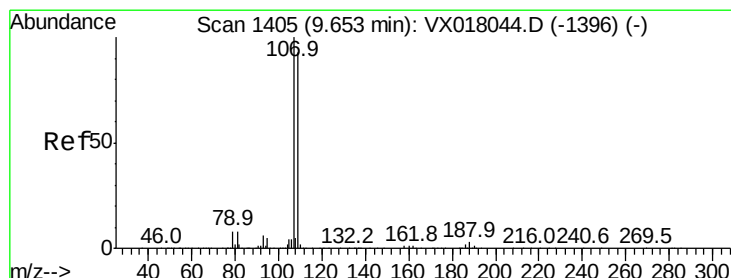
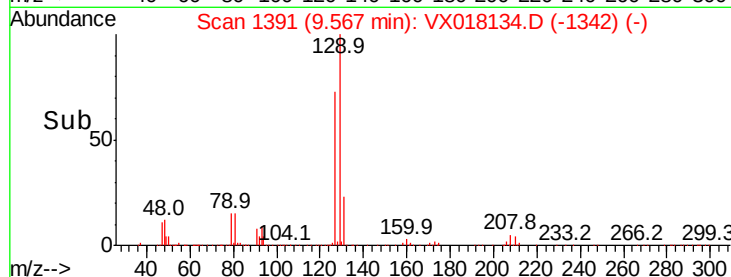
300000

200000

100000

0

Time--> 9.45 9.50 9.55 9.60 9.65



#61

1,2-Dibromoethane

Concen: 50.549 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX018134.D

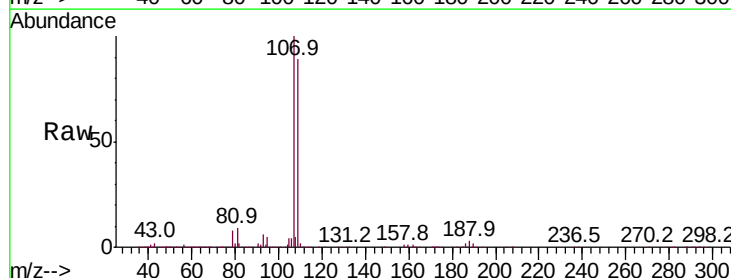
Acq: 28 Aug 2020 20:29

Tgt Ion:107 Resp: 357265

Ion Ratio Lower Upper

107 100

109 93.1 75.9 113.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

300000

250000

200000

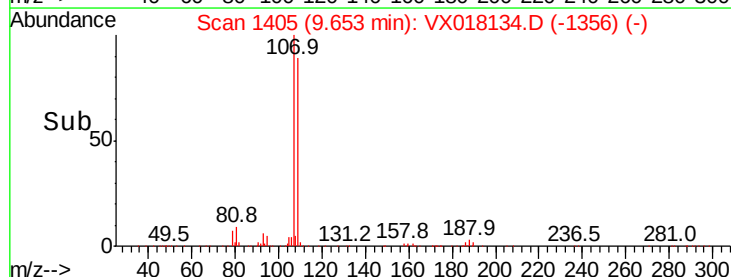
150000

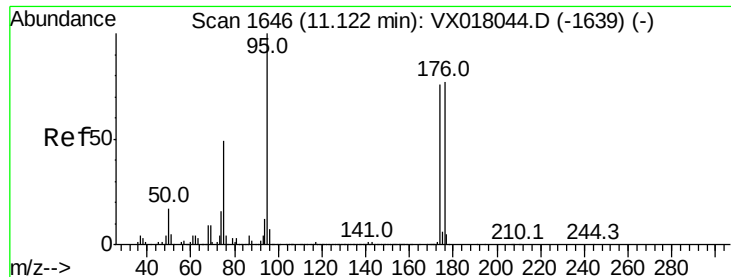
100000

50000

0

Time--> 9.60 9.65 9.70 9.75





#62

4-Bromofluorobenzene

Concen: 50.419 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018134.D

Acq: 28 Aug 2020 20:29

Instrument :

MSVOA_X

ClientSampleId :

789UMR-DSP02-01MS

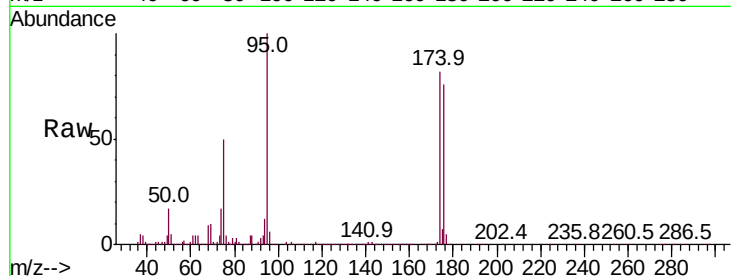
Tot Ion: 95 Resp: 446926

Ion Ratio Lower Upper

95 100

174 80.7 0.0 160.2

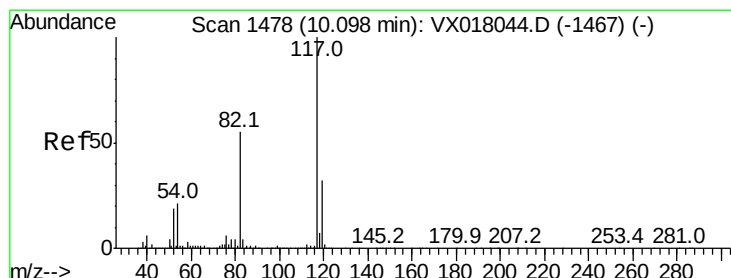
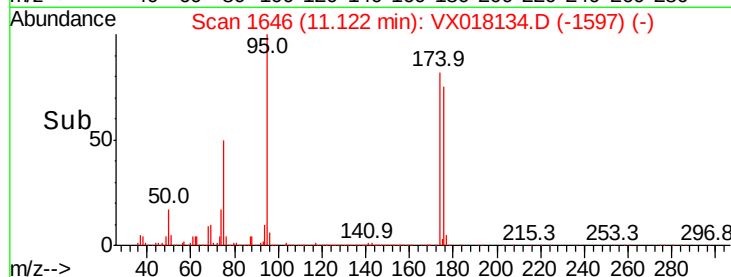
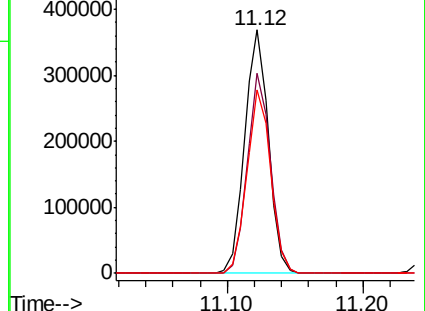
176 75.9 0.0 155.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): VX0

Ion 175.80 (175.50 to 176.50): VX0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX018134.D

Acq: 28 Aug 2020 20:29

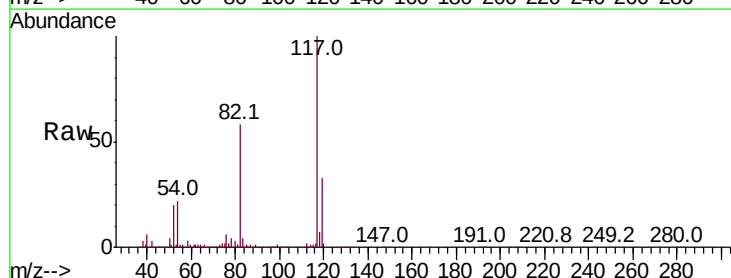
Tgt Ion: 117 Resp: 861529

Ion Ratio Lower Upper

117 100

82 58.1 44.2 66.2

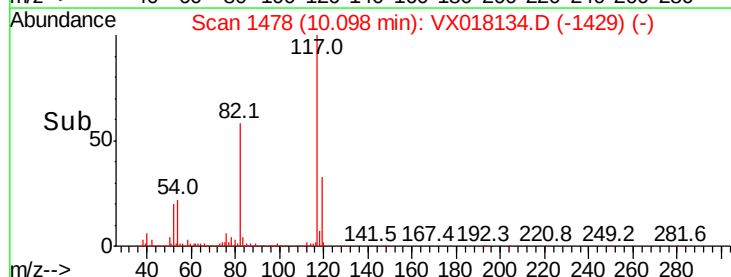
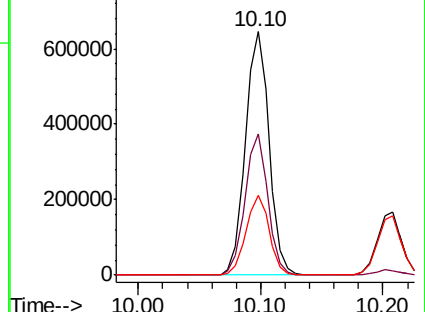
119 32.6 25.7 38.5

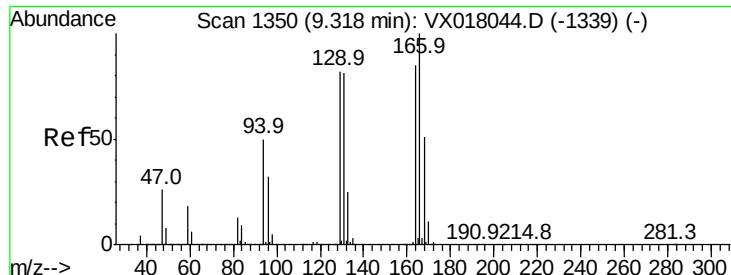


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#64

Tetrachloroethene

Concen: 47.318 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX018134.D

Acq: 28 Aug 2020 20:29

Instrument :

MSVOA_X

ClientSampleId :

789UMR-DSP02-01MS

Tot Ion:164 Resp: 299571

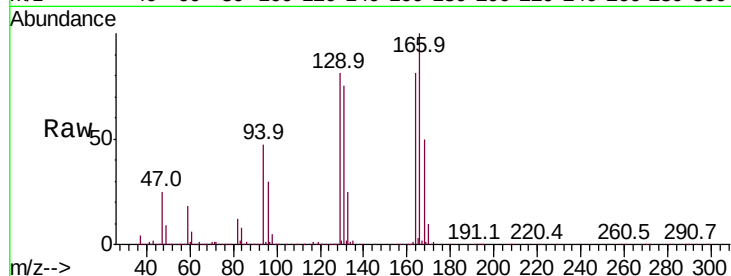
Ion Ratio Lower Upper

164 100

166 123.9 94.2 141.2

129 100.8 76.9 115.3

131 93.3 76.1 114.1

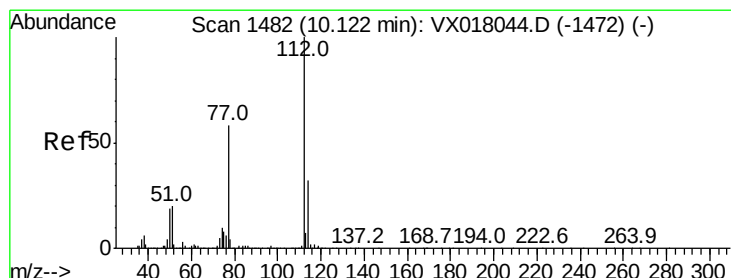
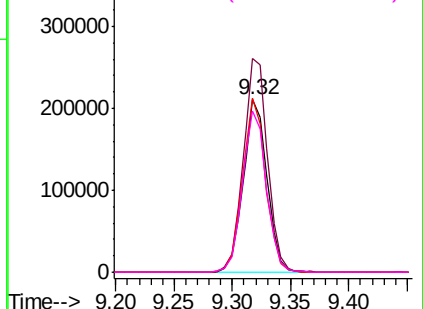
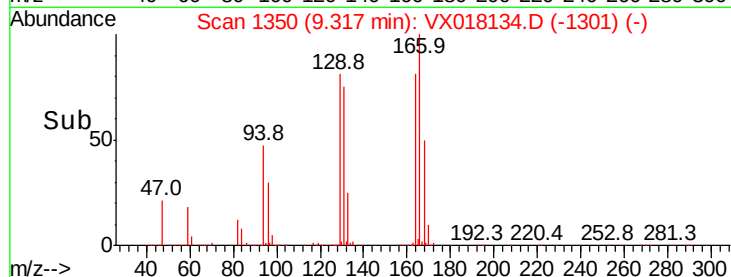


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 49.585 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX018134.D

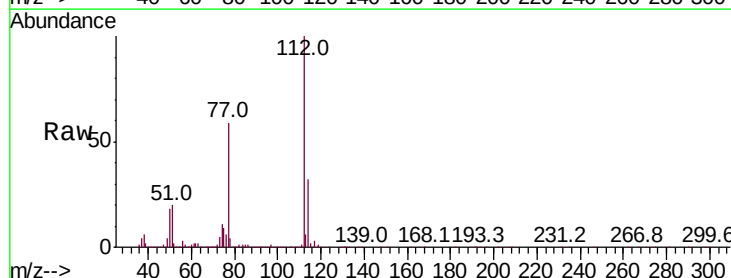
Acq: 28 Aug 2020 20:29

Tgt Ion:112 Resp: 853185

Ion Ratio Lower Upper

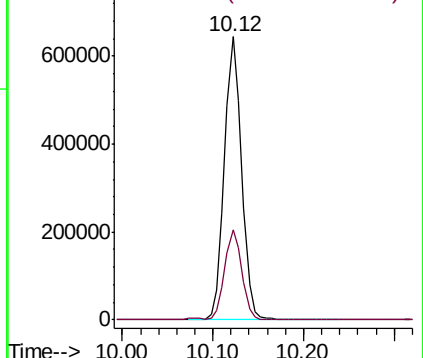
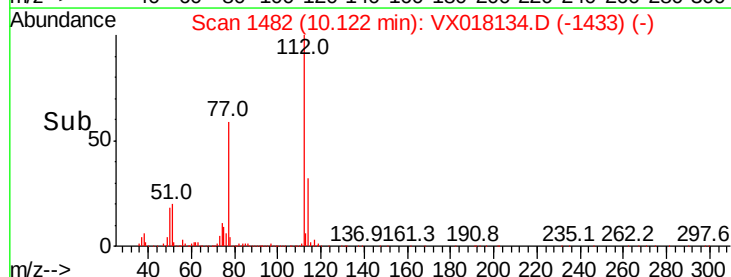
112 100

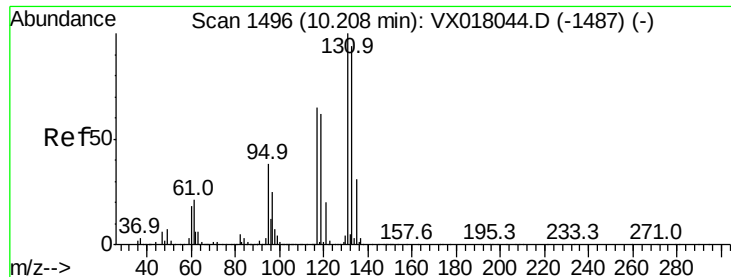
114 31.9 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 50.907 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX018134.D

Acq: 28 Aug 2020 20:29

Instrument :

MSVOA_X

ClientSampleId :

789UMR-DSP02-01MS

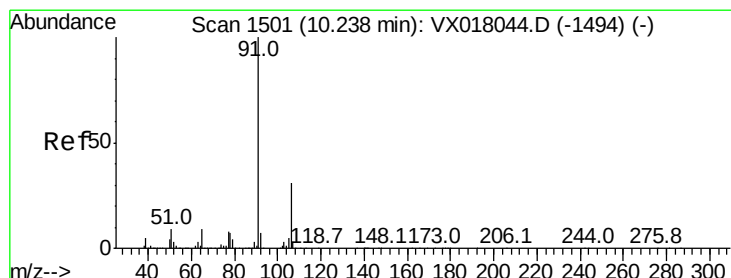
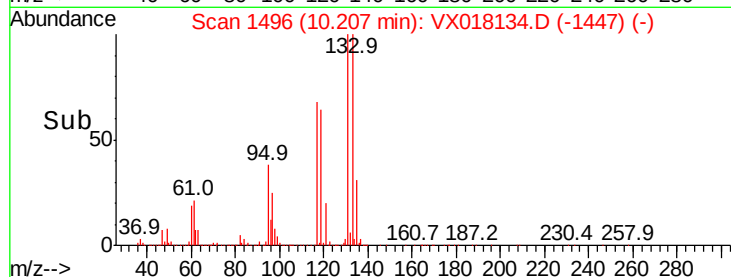
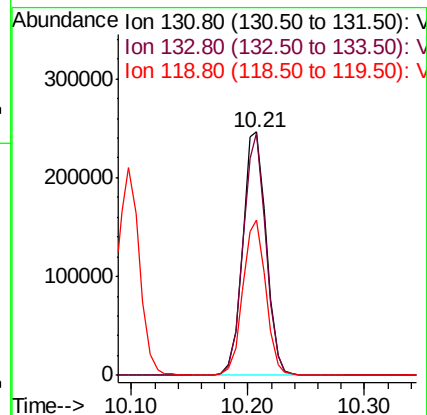
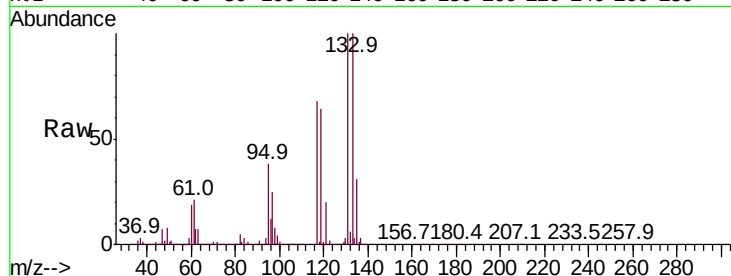
Tot Ion:131 Resp: 345234

Ion Ratio Lower Upper

131 100

133 96.4 46.7 140.1

119 62.7 31.8 95.4



#67

Ethyl Benzene

Concen: 50.788 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX018134.D

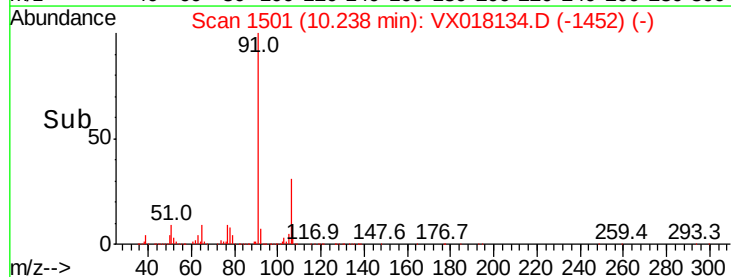
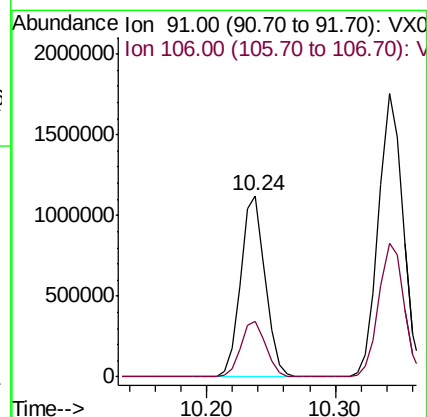
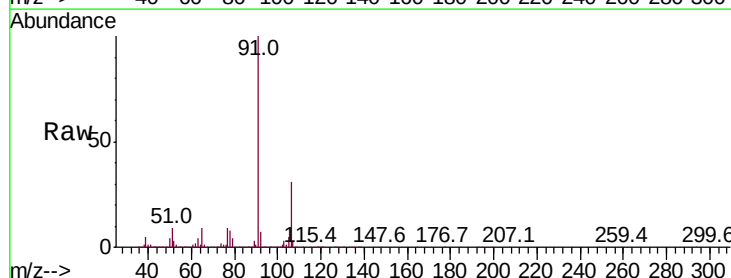
Acq: 28 Aug 2020 20:29

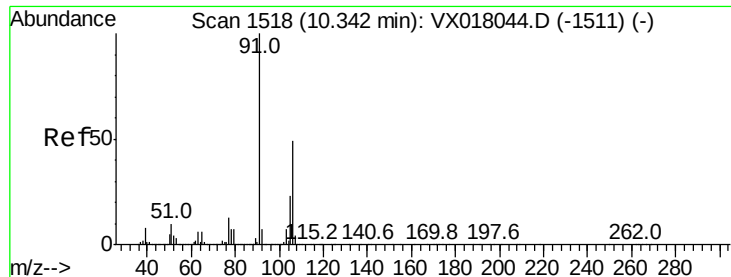
Tgt Ion: 91 Resp: 1486120

Ion Ratio Lower Upper

91 100

106 30.7 24.9 37.3

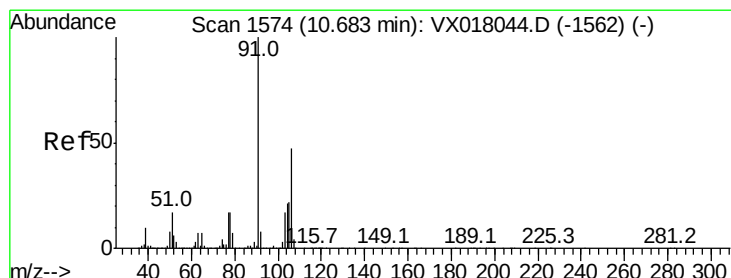
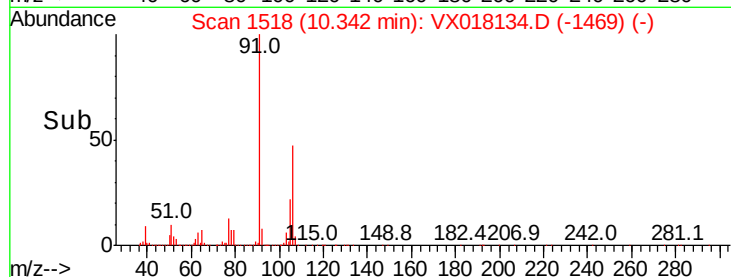
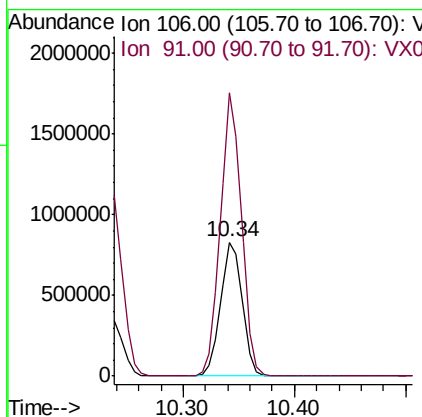
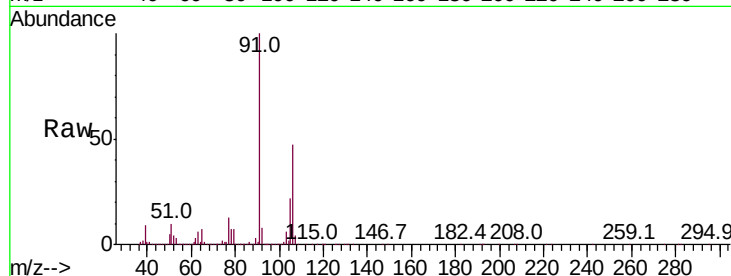




#68
m/p-Xylenes
Concen: 102.020 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX018134.D
Acq: 28 Aug 2020 20:29

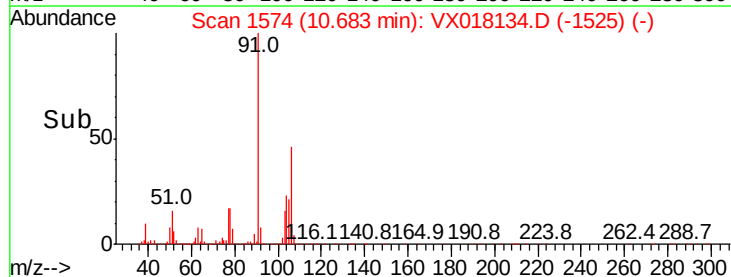
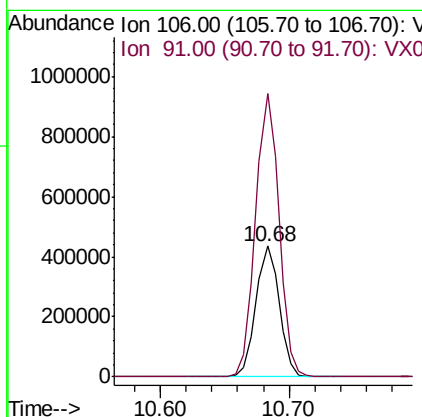
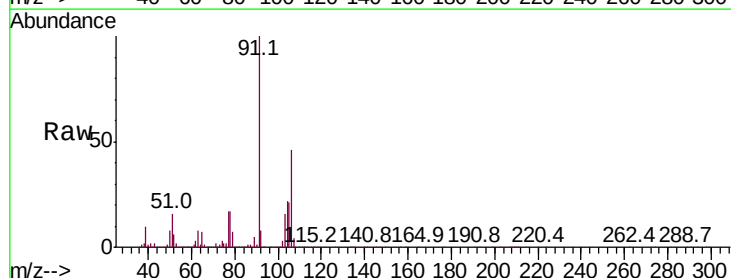
Instrument :
MSVOA_X
ClientSampleId :
789UMR-DSP02-01MS

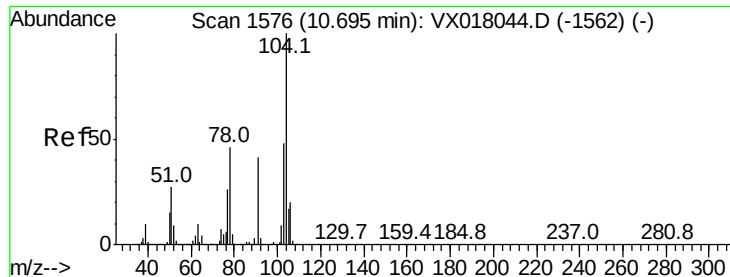
Tot Ion:106 Resp: 1114240
Ion Ratio Lower Upper
106 100
91 206.4 162.2 243.2



#69
o-Xylene
Concen: 51.392 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018134.D
Acq: 28 Aug 2020 20:29

Tgt Ion:106 Resp: 544113
Ion Ratio Lower Upper
106 100
91 216.2 107.1 321.3

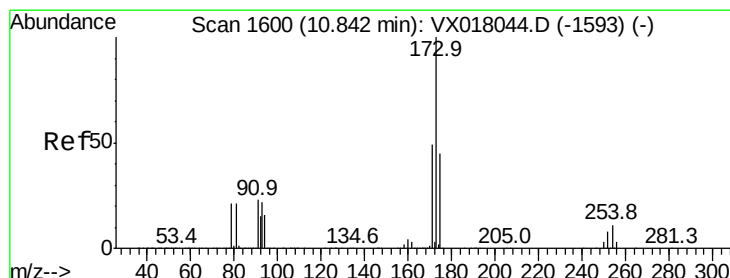
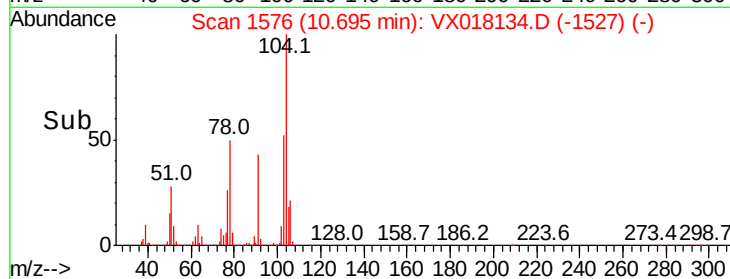
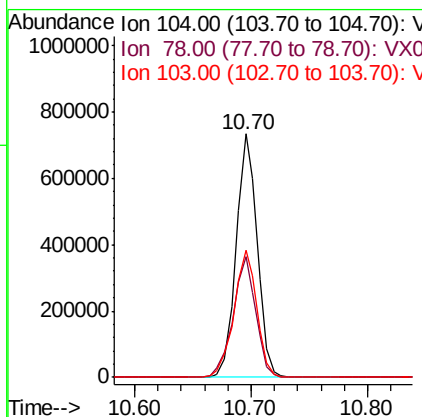
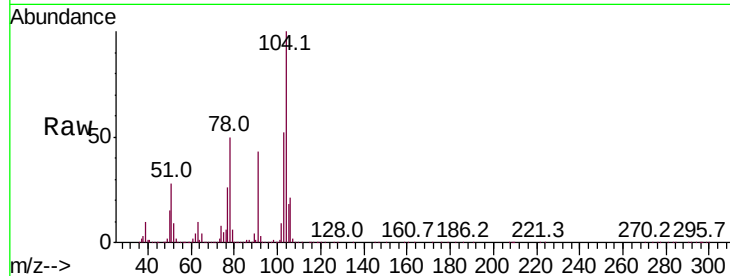




#70
Stvrene
Concen: 51.276 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018134.D
Acq: 28 Aug 2020 20:29

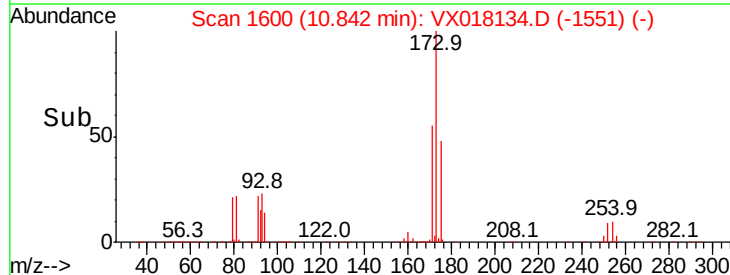
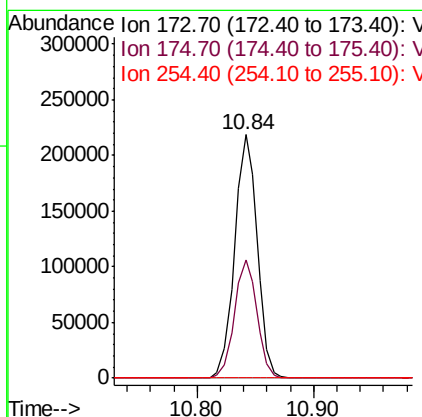
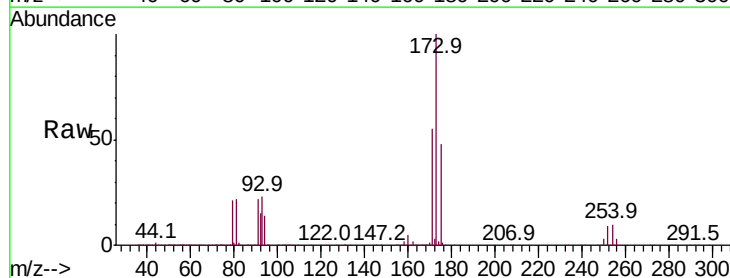
Instrument :
MSVOA_X
ClientSampleId :
789UMR-DSP02-01MS

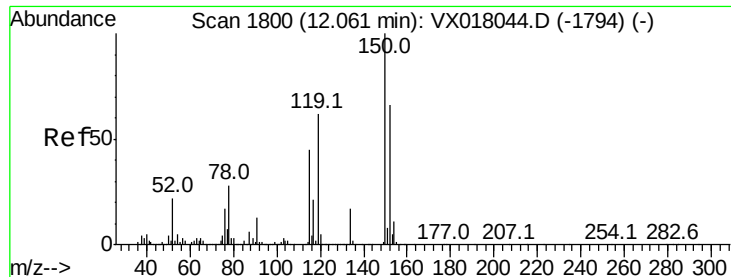
Tot Ion	Ratio	Lower	Upper
104	100		
78	53.3	40.9	61.3
103	56.5	43.6	65.4



#71
Bromoform
Concen: 51.027 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX018134.D
Acq: 28 Aug 2020 20:29

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.3	23.9	71.8
254	0.2	0.2	0.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX018134.D

Acq: 28 Aug 2020 20:29

Instrument :

MSVOA_X

ClientSampleId :

789UMR-DSP02-01MS

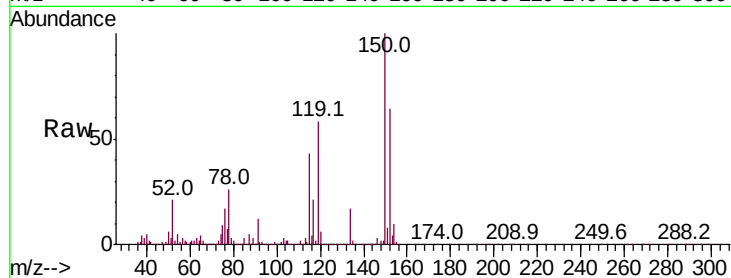
Tot Ion:152 Resp: 436519

Ion Ratio Lower Upper

152 100

115 80.7 41.5 124.5

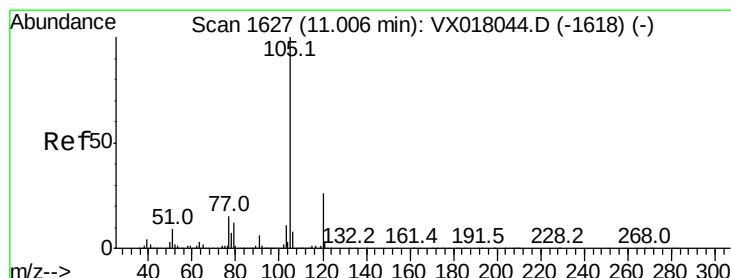
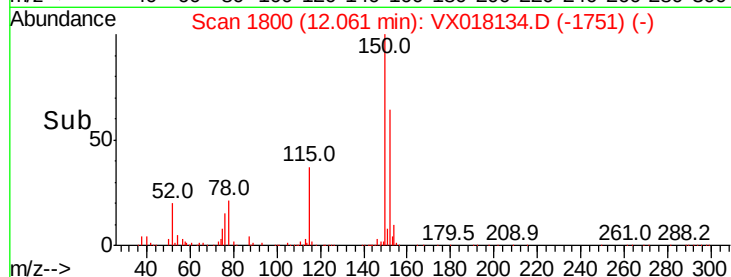
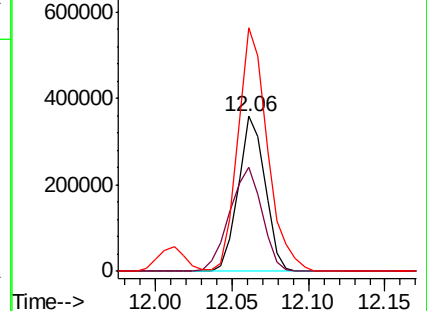
150 172.5 0.0 343.8



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: 51.130 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX018134.D

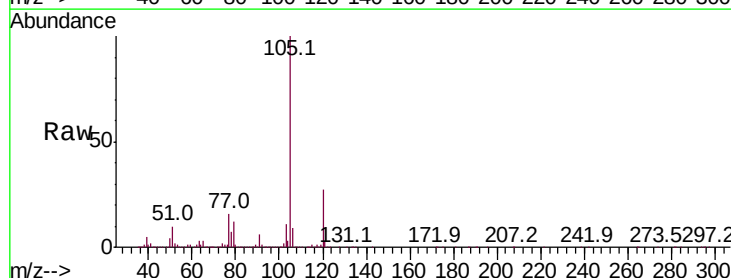
Acq: 28 Aug 2020 20:29

Tgt Ion:105 Resp: 1472206

Ion Ratio Lower Upper

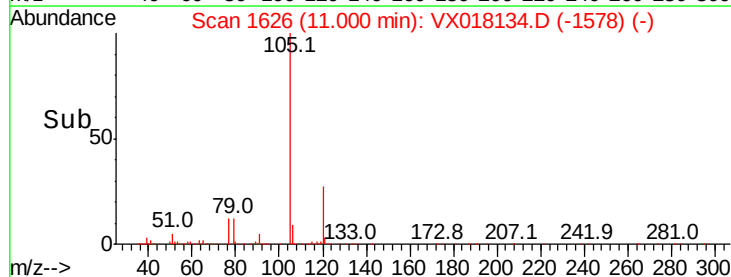
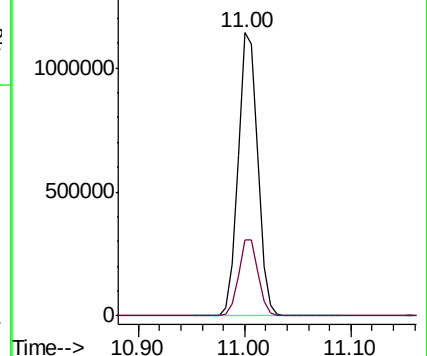
105 100

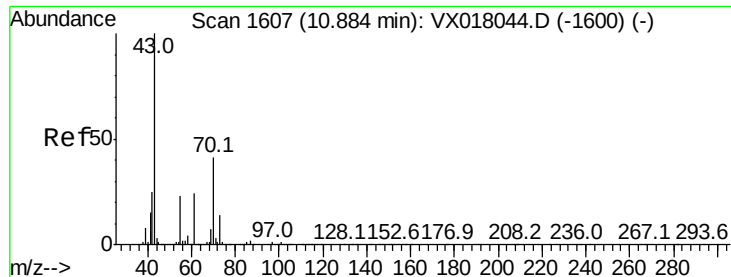
120 26.8 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 52.636 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. -0.00 min

Lab File: VX018134.D

Acq: 28 Aug 2020 20:29

Instrument :

MSVOA_X

ClientSampleId :

789UMR-DSP02-01MS

Tot Ion: 43 Resp: 719087

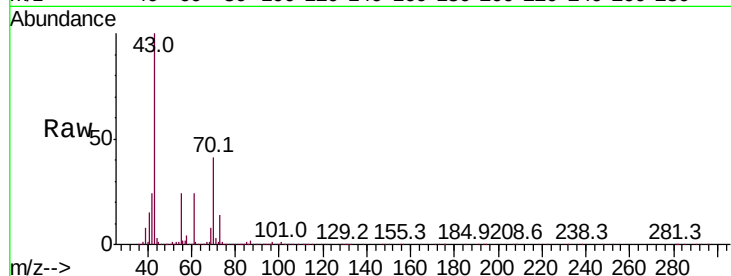
Ion Ratio Lower Upper

43 100

70 40.3 32.3 48.5

55 23.5 18.2 27.2

61 23.8 18.9 28.3

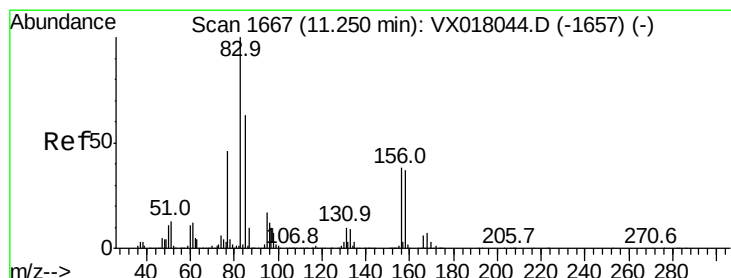
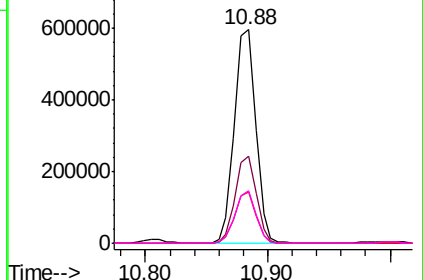
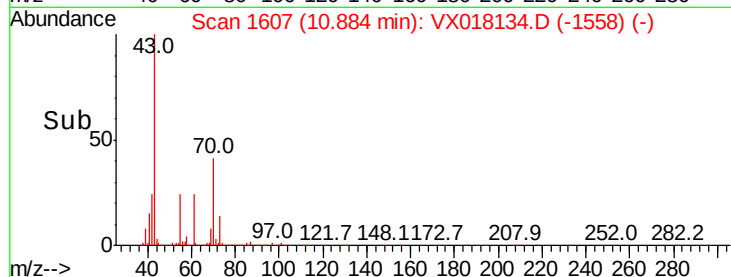


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 47.073 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018134.D

Acq: 28 Aug 2020 20:29

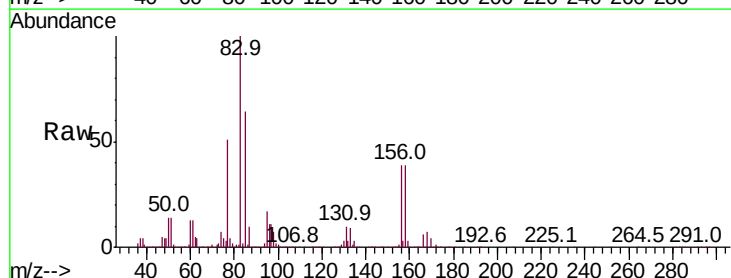
Tgt Ion: 83 Resp: 478136

Ion Ratio Lower Upper

83 100

131 10.8 5.1 15.4

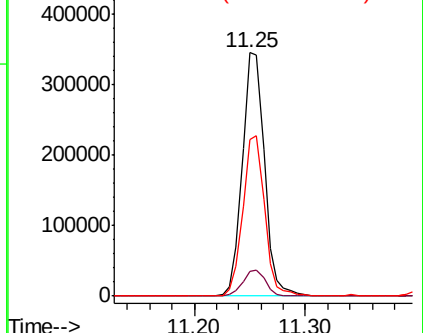
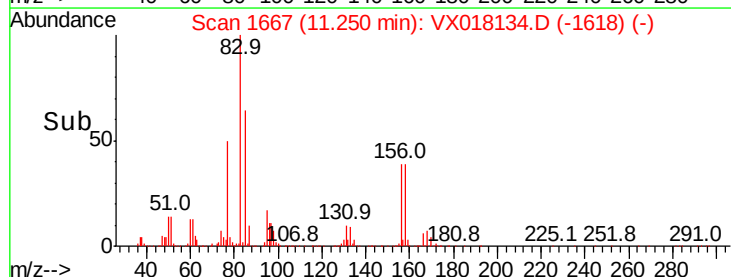
85 64.9 32.2 96.6

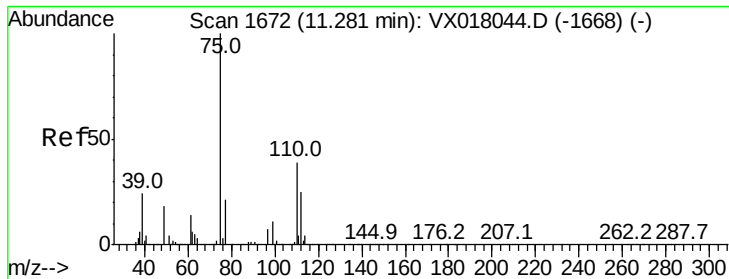


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 61.532 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX018134.D

Acq: 28 Aug 2020 20:29

Instrument :

MSVOA_X

ClientSampleId :

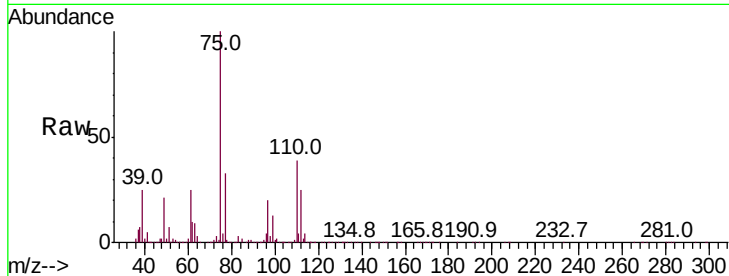
789UMR-DSP02-01MS

Tot Ion: 75 Resp: 597509

Ion Ratio Lower Upper

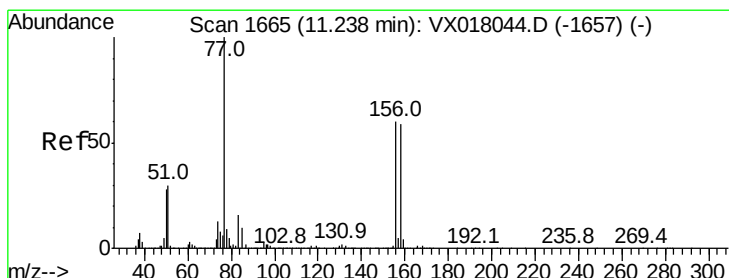
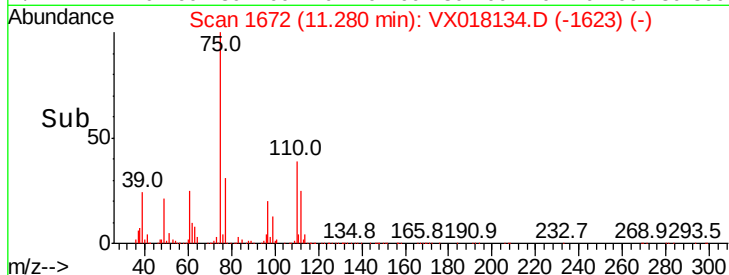
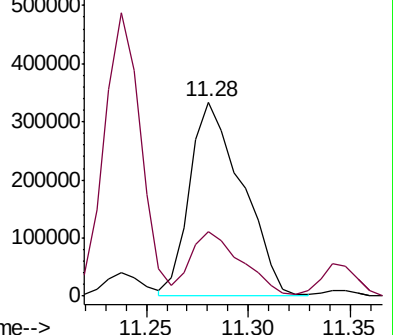
75 100

77 31.9 20.8 62.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#77

Bromobenzene

Concen: 48.165 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018134.D

Acq: 28 Aug 2020 20:29

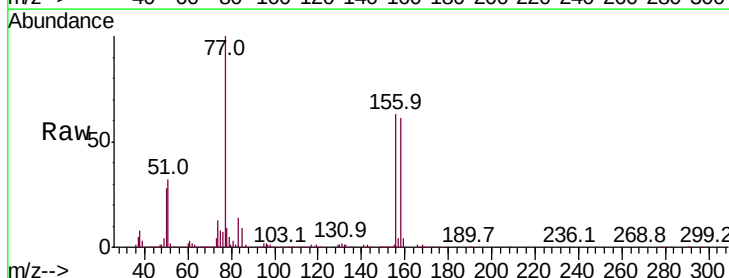
Tgt Ion: 156 Resp: 383349

Ion Ratio Lower Upper

156 100

77 158.3 80.0 240.2

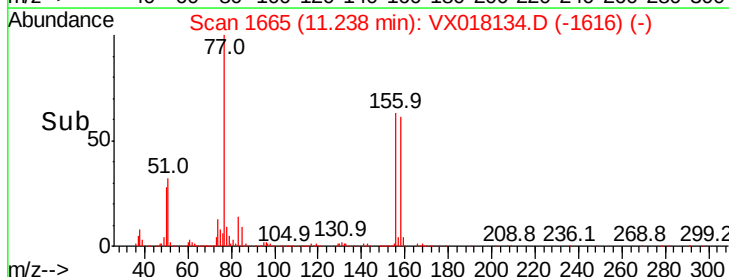
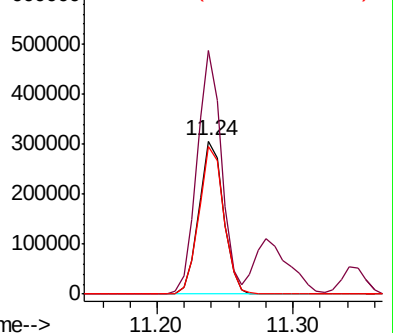
158 97.6 49.5 148.7

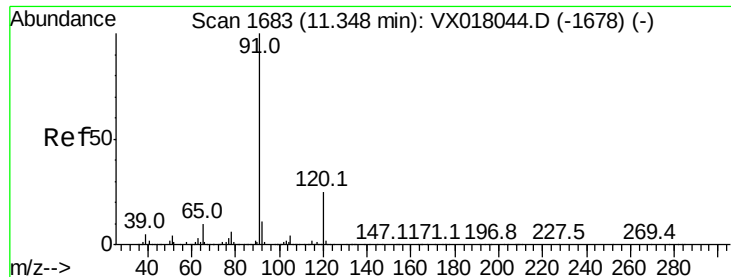


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V





#78

n-propylbenzene

Concen: 51.227 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX018134.D

Acq: 28 Aug 2020 20:29

Instrument :

MSVOA_X

ClientSampleId :

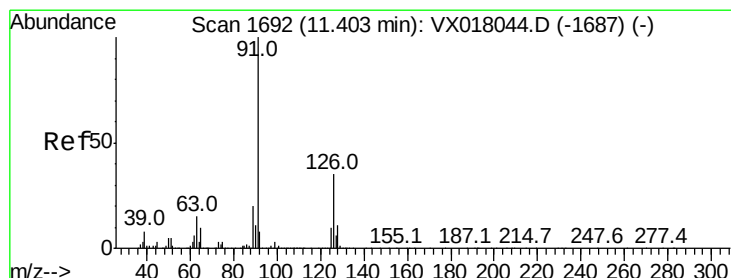
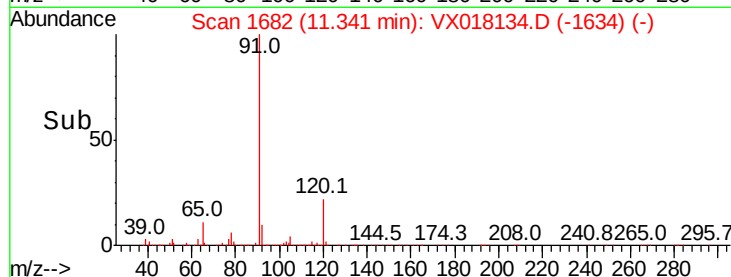
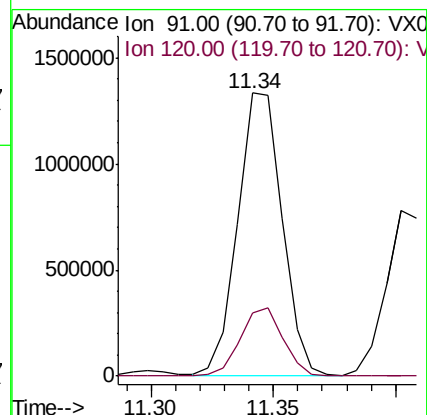
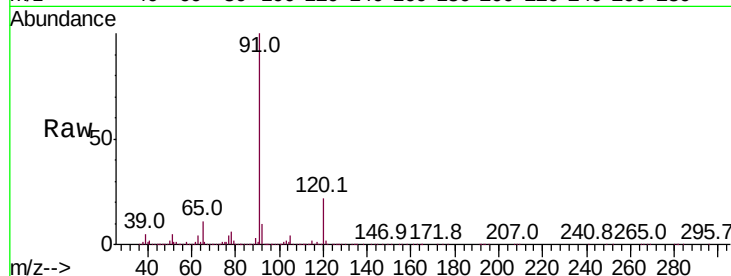
789UMR-DSP02-01MS

Tot Ion: 91 Resp: 1674771

Ion Ratio Lower Upper

91 100

120 23.4 11.9 35.9



#79

2-Chlorotoluene

Concen: 49.070 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX018134.D

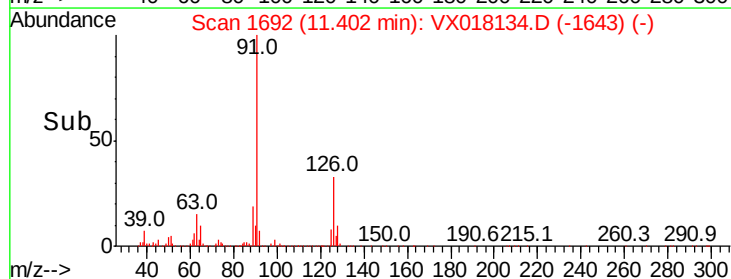
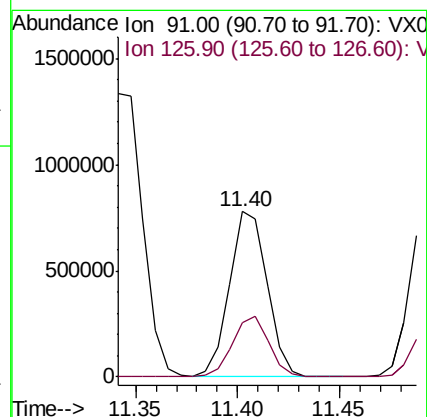
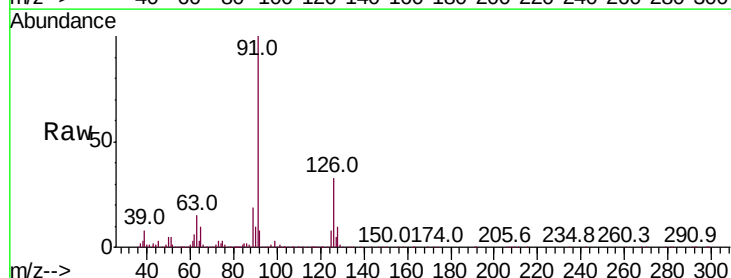
Acq: 28 Aug 2020 20:29

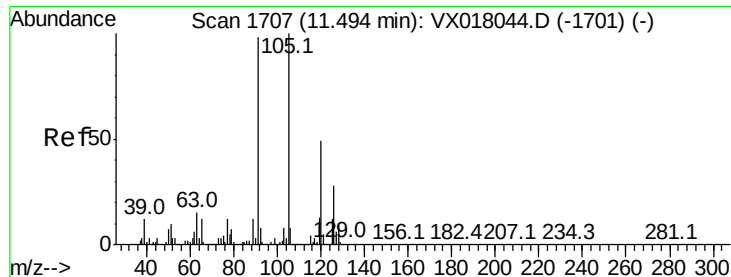
Tgt Ion: 91 Resp: 991148

Ion Ratio Lower Upper

91 100

126 35.4 17.4 52.2

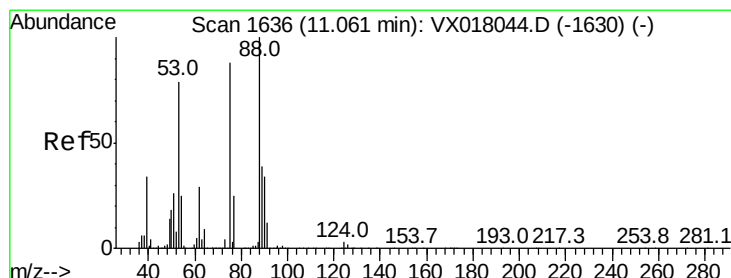
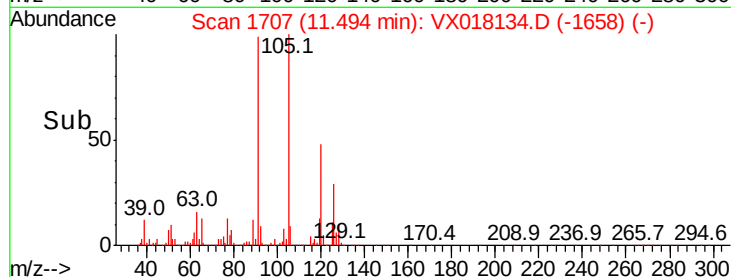
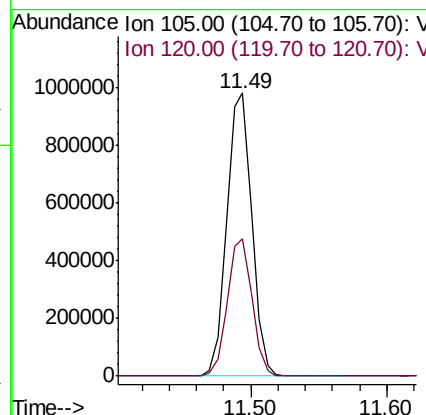
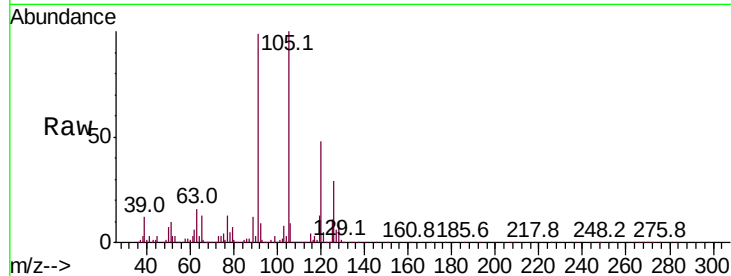




#80
 1,3,5-Trimethylbenzene
 Concen: 52.571 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX018134.D
 Acq: 28 Aug 2020 20:29

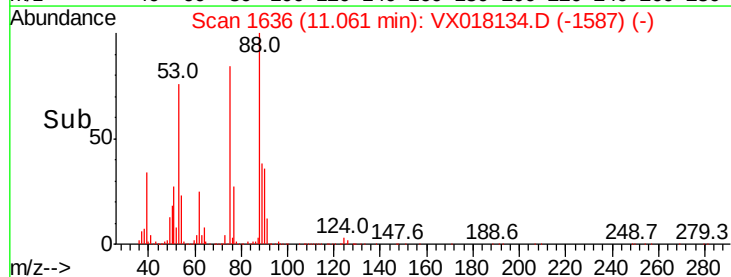
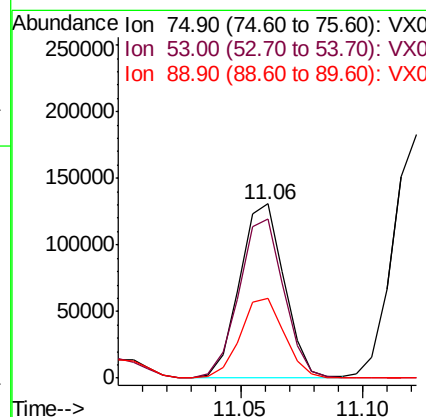
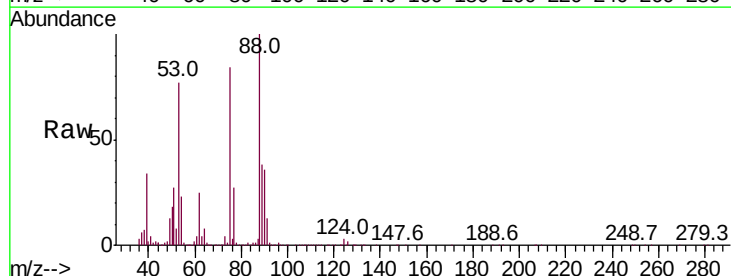
Instrument :
 MSVOA_X
 ClientSampleId :
 789UMR-DSP02-01MS

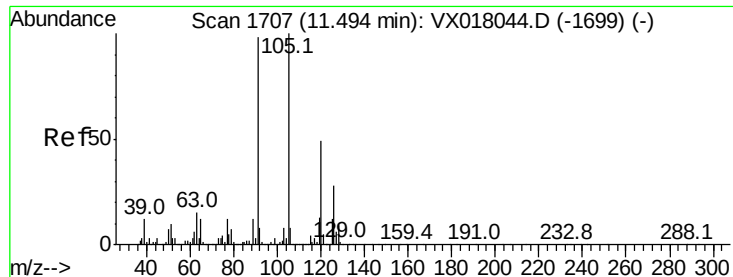
Tot Ion:105 Resp: 1243875
 Ion Ratio Lower Upper
 105 100
 120 47.9 24.1 72.2



#81
 trans-1,4-Dichloro-2-butene
 Concen: 45.892 ug/l
 RT: 11.06 min Scan# 1636
 Delta R.T. -0.00 min
 Lab File: VX018134.D
 Acq: 28 Aug 2020 20:29

Tgt Ion: 75 Resp: 164999
 Ion Ratio Lower Upper
 75 100
 53 92.3 74.7 112.1
 89 46.0 36.6 54.8





#82

4-Chlorotoluene

Concen: 49.857 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018134.D

Acq: 28 Aug 2020 20:29

Instrument :

MSVOA_X

ClientSampleId :

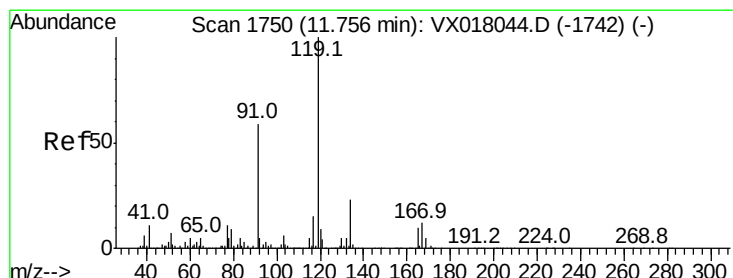
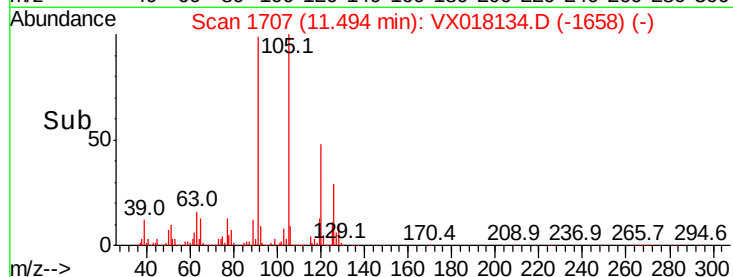
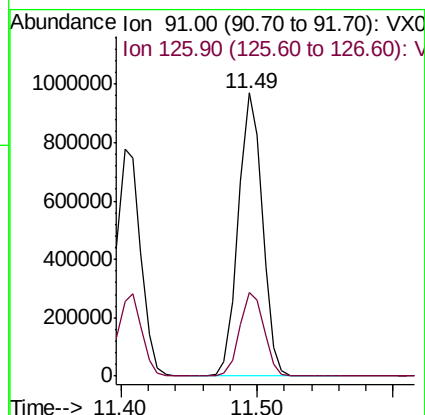
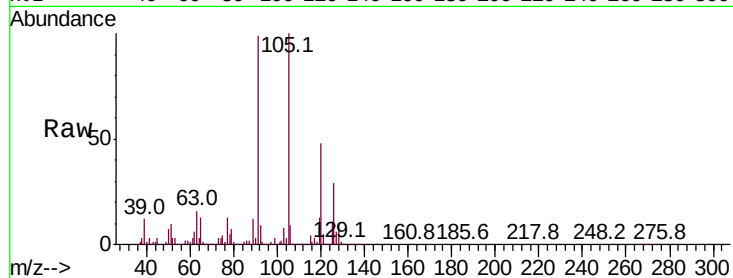
789UMR-DSP02-01MS

Tot Ion: 91 Resp: 1197187

Ion Ratio Lower Upper

91 100

126 29.9 15.1 45.3



#83

tert-Butylbenzene

Concen: 52.544 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX018134.D

Acq: 28 Aug 2020 20:29

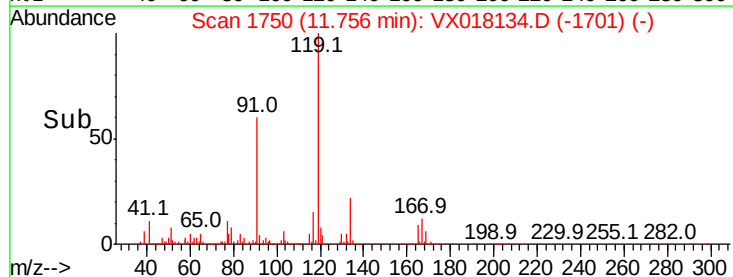
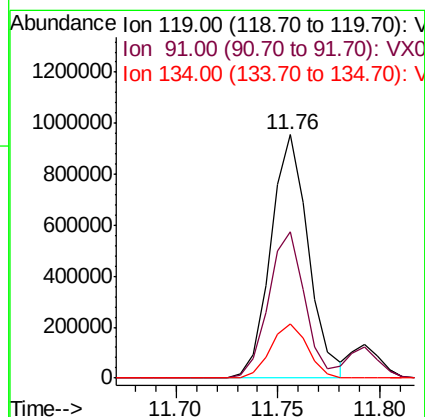
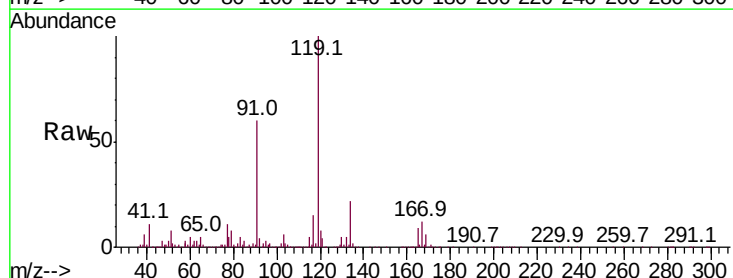
Tgt Ion: 119 Resp: 1226923

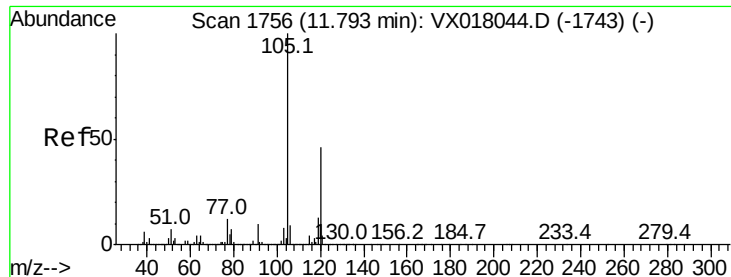
Ion Ratio Lower Upper

119 100

91 57.5 28.2 84.7

134 22.1 11.3 33.8

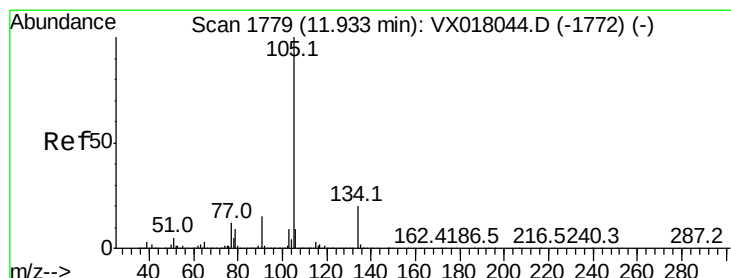
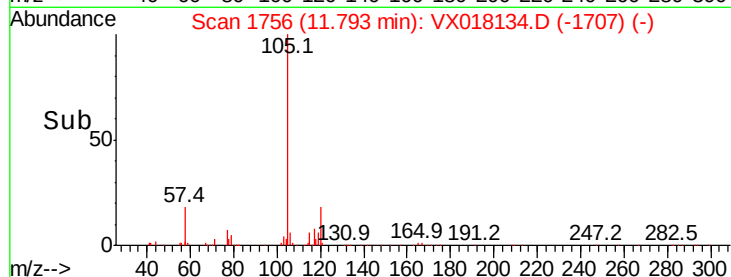
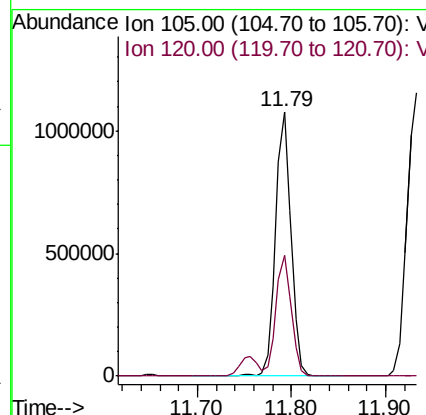
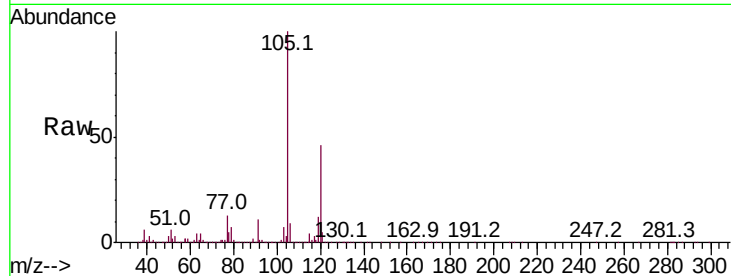




#84
 1,2,4-Trimethylbenzene
 Concen: 51.579 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX018134.D
 Acq: 28 Aug 2020 20:29

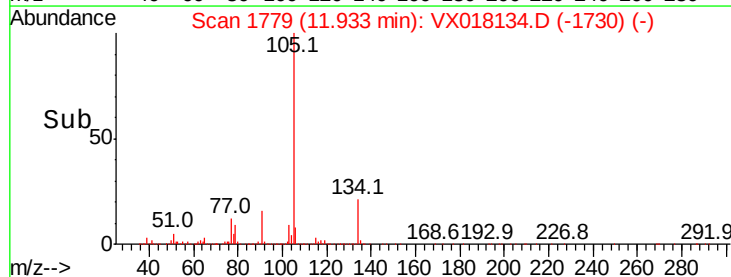
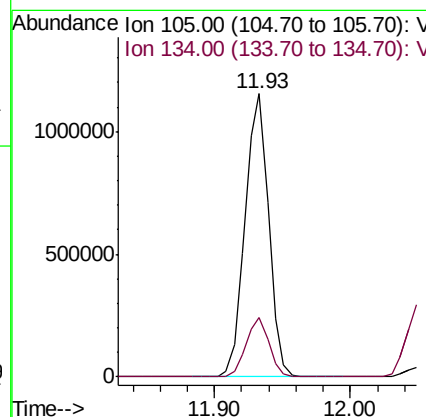
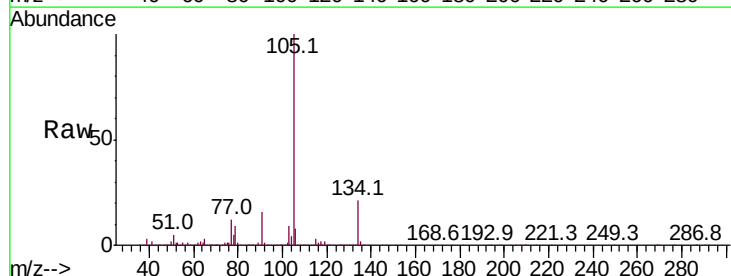
Instrument :
 MSVOA_X
 ClientSampleId :
 789UMR-DSP02-01MS

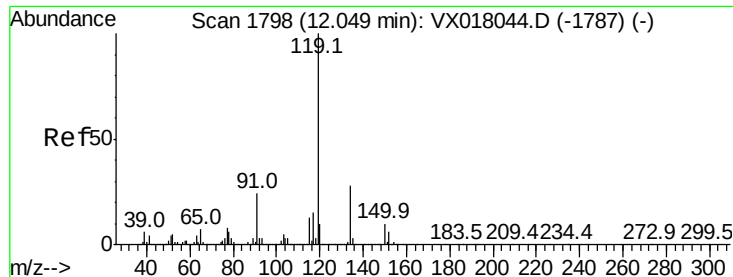
Tot Ion:105 Resp: 1247728
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.3 66.9



#85
 sec-Butylbenzene
 Concen: 52.419 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX018134.D
 Acq: 28 Aug 2020 20:29

Tgt Ion:105 Resp: 1391934
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.1 30.3

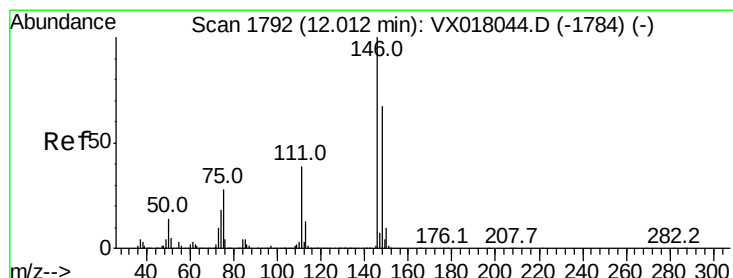
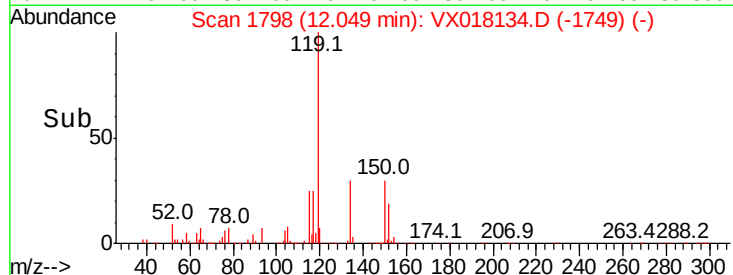
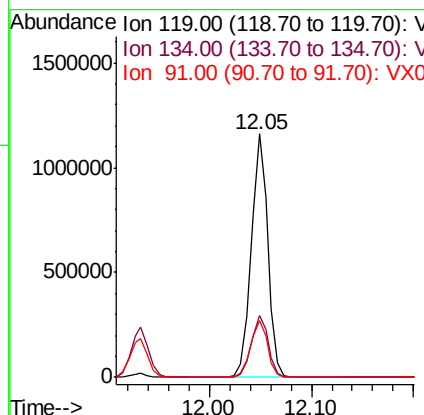
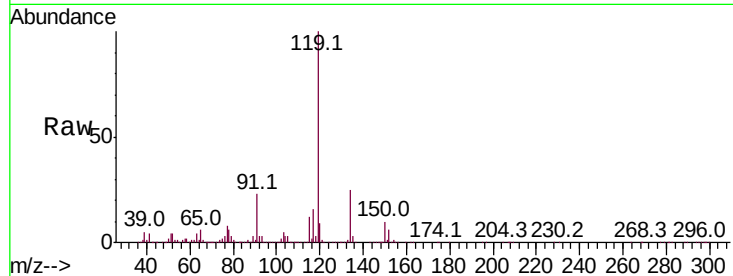




#86
 p-Isopropyltoluene
 Concen: 53.634 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX018134.D
 Acq: 28 Aug 2020 20:29

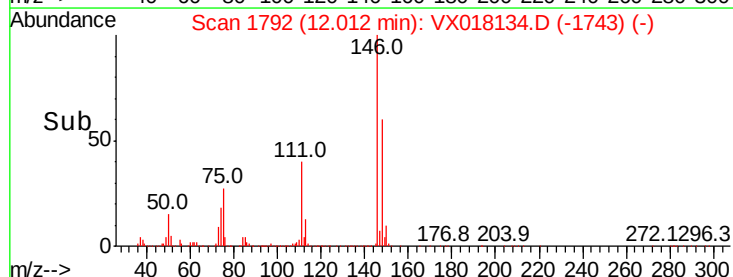
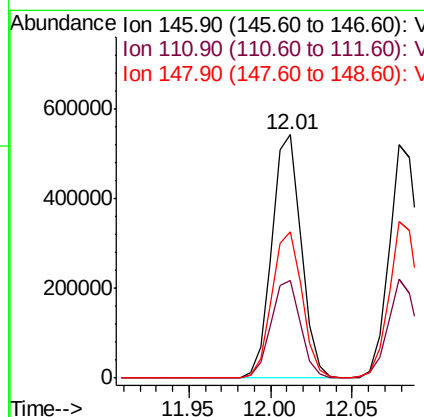
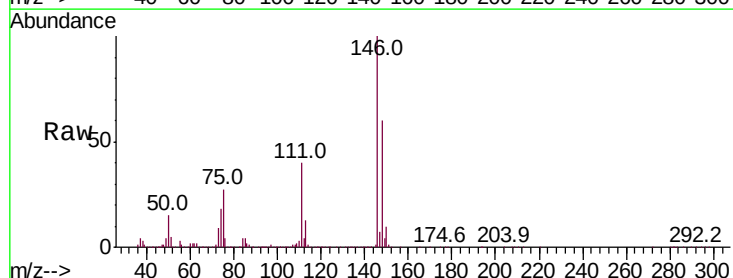
Instrument :
 MSVOA_X
 ClientSampleId :
 789UMR-DSP02-01MS

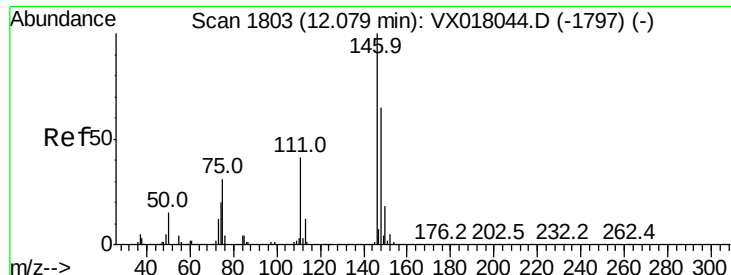
Tot Ion	Ratio	Lower	Upper
119	100		
134	26.2	13.2	39.5
91	23.7	11.8	35.4



#87
 1,3-Dichlorobenzene
 Concen: 48.579 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX018134.D
 Acq: 28 Aug 2020 20:29

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.6	61.8
148	61.8	33.1	99.2





#88

1,4-Dichlorobenzene

Concen: 46.941 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX018134.D

Acq: 28 Aug 2020 20:29

Instrument :

MSVOA_X

ClientSampleId :

789UMR-DSP02-01MS

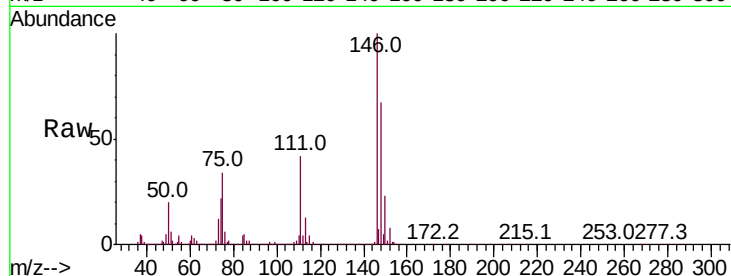
Tot Ion:146 Resp: 656779

Ion Ratio Lower Upper

146 100

111 40.6 20.3 60.8

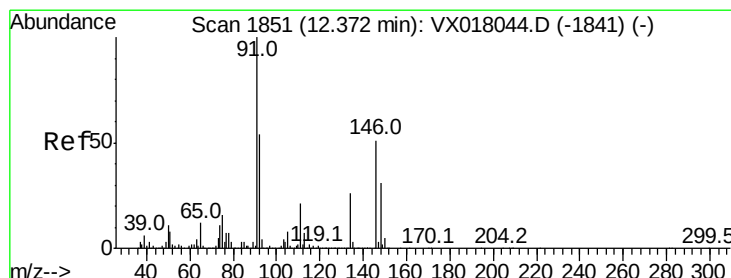
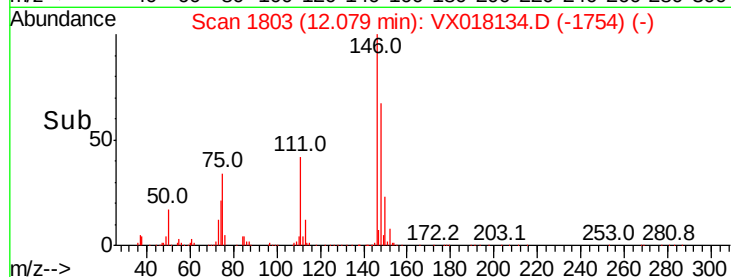
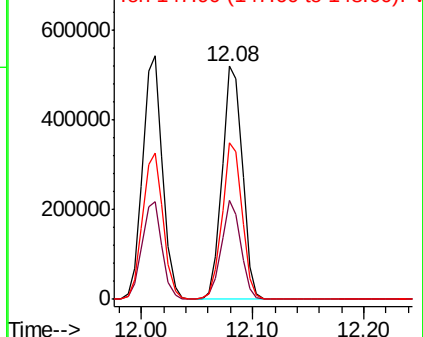
148 66.0 33.1 99.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 50.282 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX018134.D

Acq: 28 Aug 2020 20:29

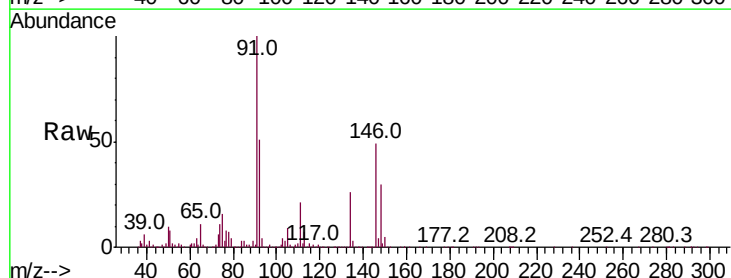
Tgt Ion: 91 Resp: 1119411

Ion Ratio Lower Upper

91 100

92 52.3 26.4 79.2

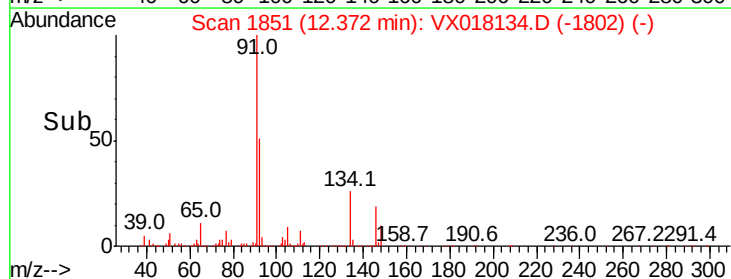
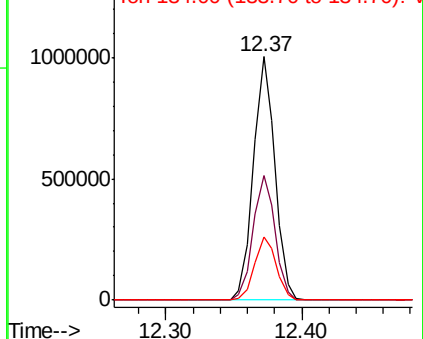
134 26.3 12.9 38.7

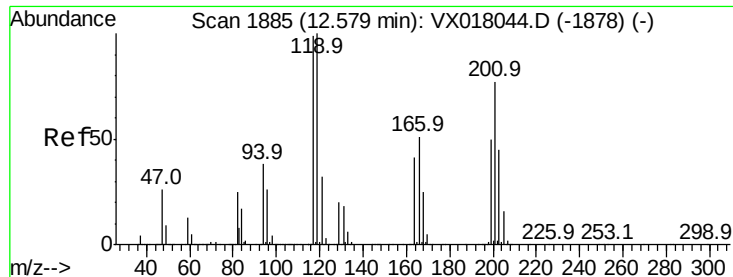


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 53.419 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX018134.D

Acq: 28 Aug 2020 20:29

Instrument :

MSVOA_X

ClientSampleId :

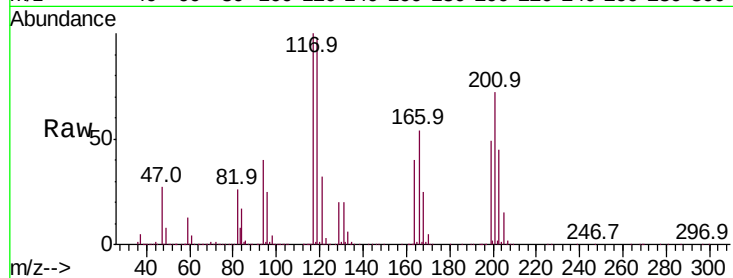
789UMR-DSP02-01MS

Tot Ion:117 Resp: 256352

Ion Ratio Lower Upper

117 100

201 74.5 38.5 115.3



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

200000

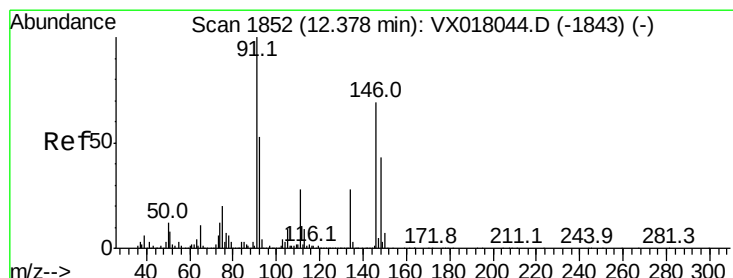
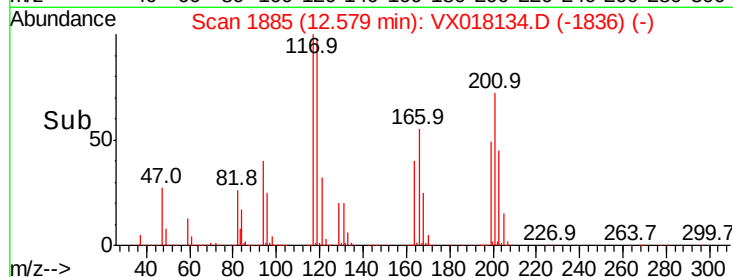
150000

100000

50000

0

Time--> 12.50 12.55 12.60 12.65



#91

1,2-Dichlorobenzene

Concen: 49.668 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX018134.D

Acq: 28 Aug 2020 20:29

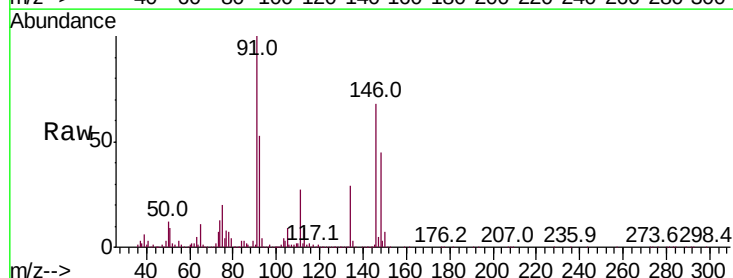
Tgt Ion:146 Resp: 653330

Ion Ratio Lower Upper

146 100

111 41.0 20.8 62.5

148 63.1 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

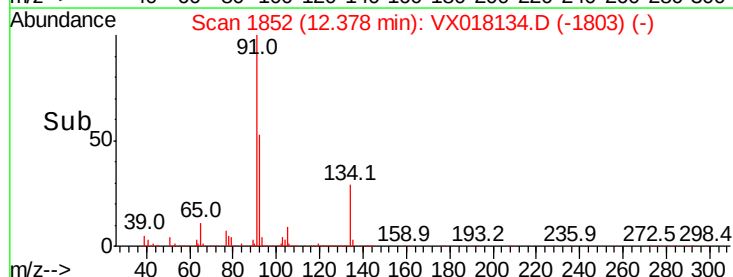
600000

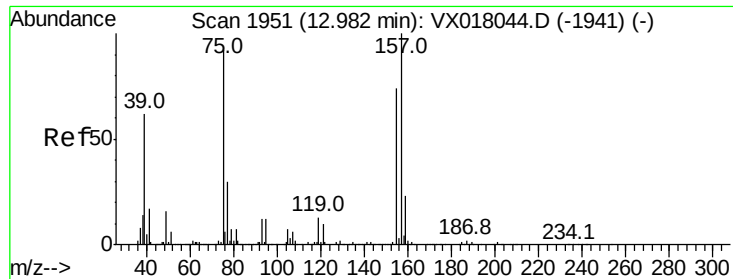
400000

200000

0

Time--> 12.30 12.35 12.40 12.45





#92

1,2-Dibromo-3-Chloropropane

Concen: 50.262 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX018134.D

Acq: 28 Aug 2020 20:29

Instrument :

MSVOA_X

ClientSampleId :

789UMR-DSP02-01MS

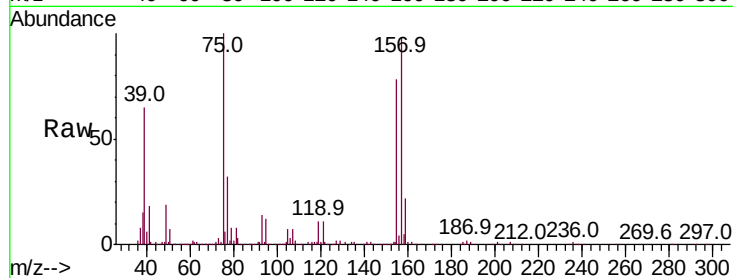
Tot Ion: 75 Resp: 127650

Ion Ratio Lower Upper

75 100

155 84.6 40.2 120.6

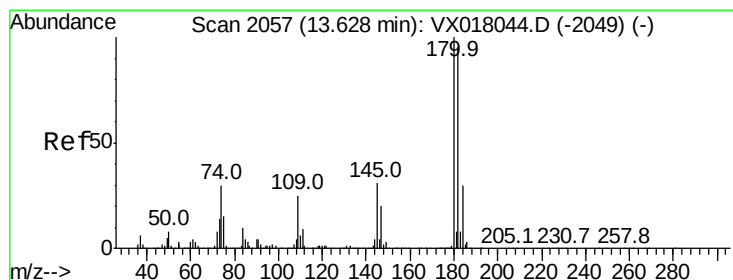
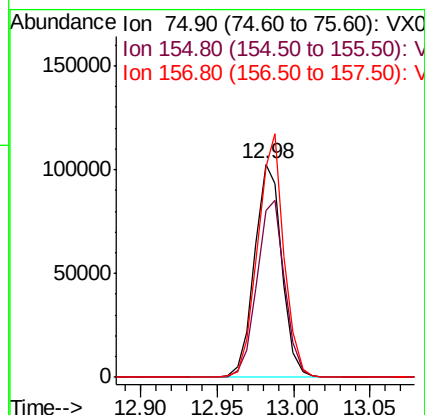
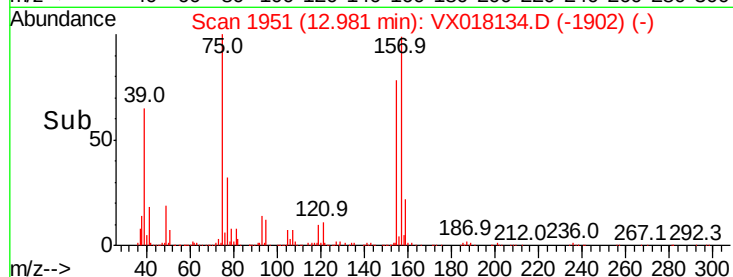
157 109.4 55.0 165.2



Abundance Ion 74.90 (74.60 to 75.60): VX018134.D (-1902) (-)

Ion 154.80 (154.50 to 155.50): VX018134.D (-1902) (-)

Ion 156.80 (156.50 to 157.50): VX018134.D (-1902) (-)



#93

1,2,4-Trichlorobenzene

Concen: 48.886 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. -0.00 min

Lab File: VX018134.D

Acq: 28 Aug 2020 20:29

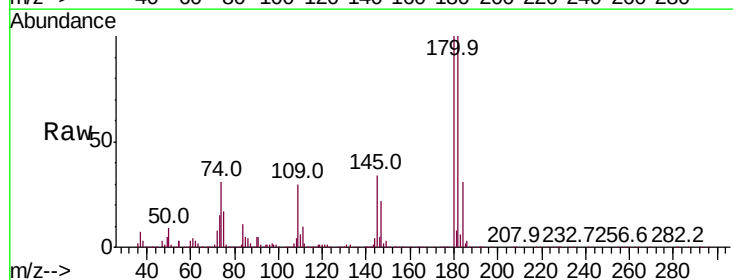
Tgt Ion:180 Resp: 428797

Ion Ratio Lower Upper

180 100

182 99.2 47.5 142.6

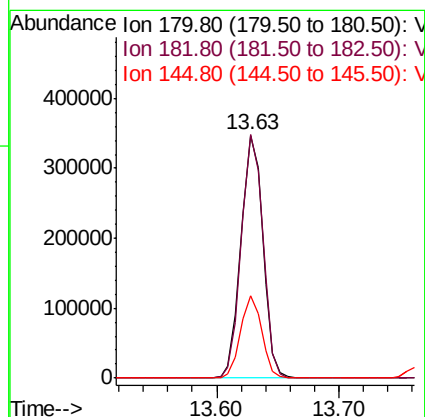
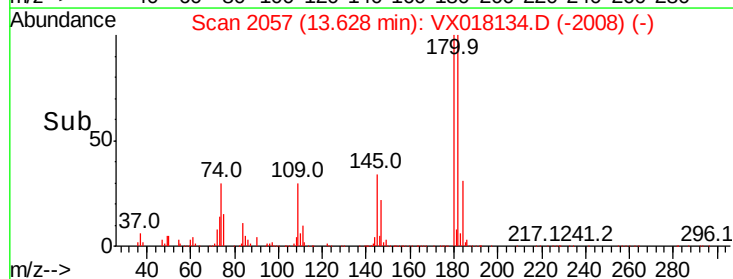
145 32.7 15.7 47.1

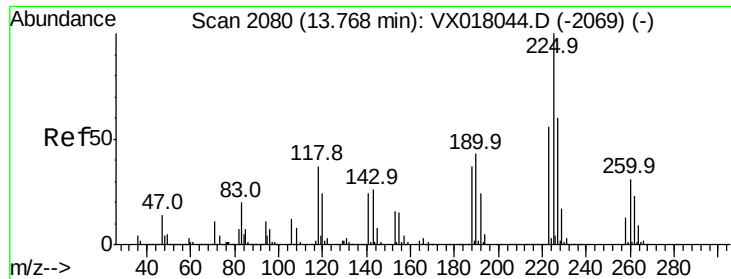


Abundance Ion 179.80 (179.50 to 180.50): VX018134.D (-2008) (-)

Ion 181.80 (181.50 to 182.50): VX018134.D (-2008) (-)

Ion 144.80 (144.50 to 145.50): VX018134.D (-2008) (-)





#94

Hexachlorobutadiene

Concen: 50.402 ug/l

RT: 13.77 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX018134.D

Acq: 28 Aug 2020 20:29

Instrument :

MSVOA_X

ClientSampleId :

789UMR-DSP02-01MS

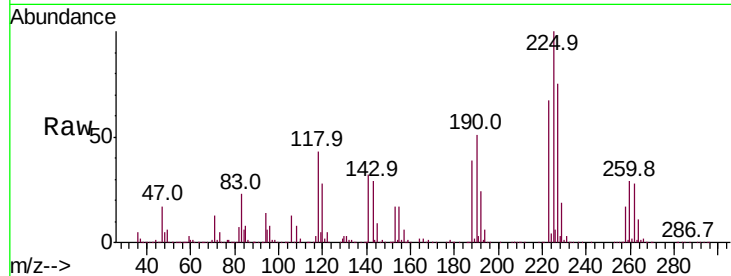
Tot Ion:225 Resp: 174377

Ion Ratio Lower Upper

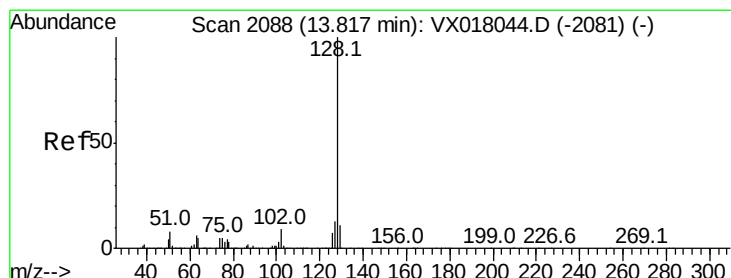
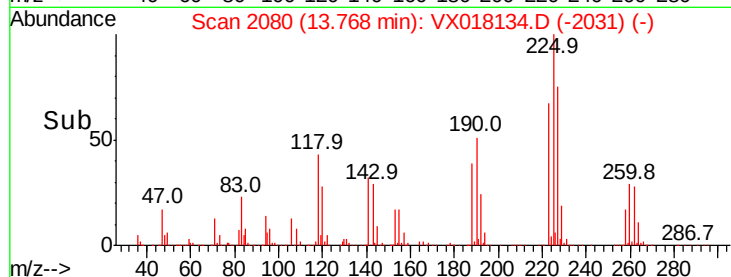
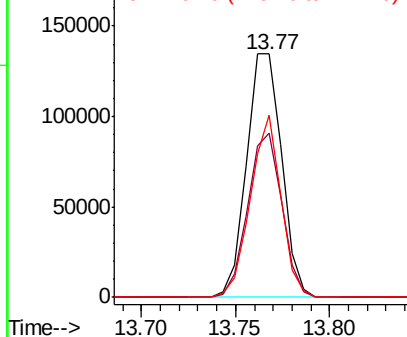
225 100

223 65.4 30.7 92.1

227 65.3 32.6 97.8



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



#95

Naphthalene

Concen: 52.983 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX018134.D

Acq: 28 Aug 2020 20:29

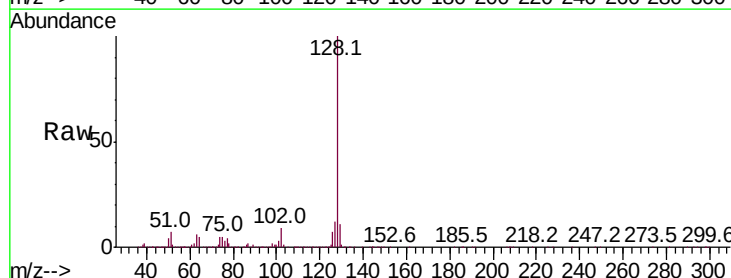
Tgt Ion:128 Resp: 1529458

Ion Ratio Lower Upper

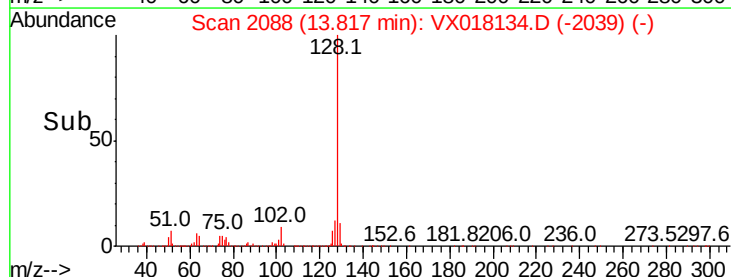
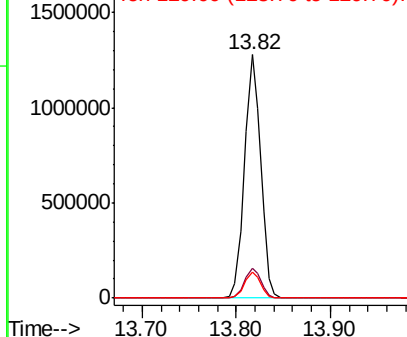
128 100

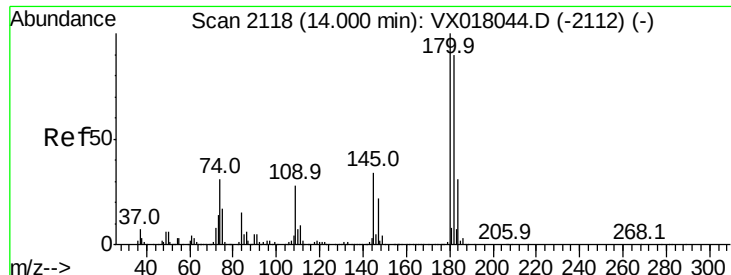
127 12.8 10.2 15.2

129 10.9 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: 51.476 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX018134.D

Acq: 28 Aug 2020 20:29

Instrument :

MSVOA_X

ClientSampleId :

789UMR-DSP02-01MS

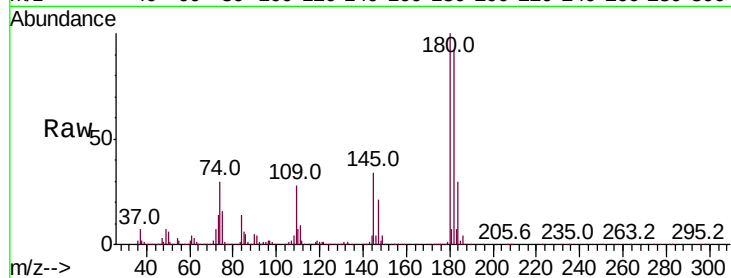
Tot Ion:180 Resp: 446140

Ion Ratio Lower Upper

180 100

182 93.6 47.3 142.0

145 34.1 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

