

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112022\
 Data File : VU051989.D
 Acq On : 20 Nov 2022 21:42
 Operator : JC/MD
 Sample : N5683-04MSD
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ESQW0MSD

Quant Time: Nov 21 01:04:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM111522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 18 00:53:49 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	456633	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	453644	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	224581	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	84980	37.908	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.820%
7) Chloroethane-d5	1.906	69	93916	41.814	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.620%
11) 1,1-Dichloroethene-d2	2.568	63	173011	43.038	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.080%
21) 2-Butanone-d5	4.613	46	253917	99.609	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.610%
24) Chloroform-d	5.060	84	259673	46.208	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.420%
26) 1,2-Dichloroethane-d4	5.700	65	158941	46.204	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.400%
32) Benzene-d6	5.726	84	446973	47.255	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.520%
36) 1,2-Dichloropropane-d6	6.687	67	168354	47.817	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.640%
41) Toluene-d8	7.896	98	371694	47.876	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.760%
43) trans-1,3-Dichloroprop...	8.176	79	62046	44.244	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.480%
47) 2-Hexanone-d5	8.629	63	187170	104.602	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.600%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	335026	48.892	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.780%
66) 1,2-Dichlorobenzene-d4	12.189	152	188904	47.797	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	120237	42.889	ug/L	97
3) Chloromethane	1.527	50	182223	48.945	ug/L	99
5) Vinyl chloride	1.604	62	184369	47.743	ug/L	99
6) Bromomethane	1.845	94	101132	60.448	ug/L	99
8) Chloroethane	1.929	64	121974	48.582	ug/L	100
9) Trichlorofluoromethane	2.138	101	210929	45.622	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	127419	43.730	ug/L	99
12) 1,1-Dichloroethene	2.578	96	130846	48.082	ug/L	96
13) Acetone	2.620	43	169041	61.982	ug/L	99
14) Carbon disulfide	2.790	76	331998	44.036	ug/L	100
15) Methyl Acetate	2.945	43	162363	43.668	ug/L	99
16) Methylene chloride	3.044	84	190952	43.955	ug/L	99
17) trans-1,2-Dichloroethene	3.350	96	142758	48.679	ug/L	96
18) Methyl tert-butyl Ether	3.359	73	478934	52.765	ug/L	100
19) 1,1-Dichloroethane	3.867	63	300214	50.298	ug/L	98
20) cis-1,2-Dichloroethene	4.662	96	176345	51.525	ug/L	97
22) 2-Butanone	4.694	43	270884	87.946	ug/L	100
23) Bromochloromethane	4.970	128	95669	50.654	ug/L	98
25) Chloroform	5.086	83	311635	50.039	ug/L	100

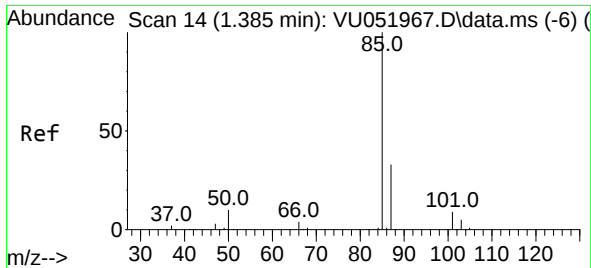
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	233616	50.762	ug/L	100
29) Cyclohexane	5.388	56	197110	50.927	ug/L	98
30) 1,1,1-Trichloroethane	5.314	97	231372	50.447	ug/L	99
31) Carbon tetrachloride	5.523	117	183644	47.895	ug/L	98
33) Benzene	5.771	78	690786	52.938	ug/L	100
34) Trichloroethene	6.539	95	157142	50.831	ug/L	97
35) Methylcyclohexane	6.761	83	194903	46.496	ug/L	100
37) 1,2-Dichloropropane	6.787	63	190904	51.665	ug/L	100
38) Bromodichloromethane	7.102	83	235088	50.853	ug/L	99
39) cis-1,3-Dichloropropene	7.604	75	239618	49.575	ug/L	98
40) 4-Methyl-2-pentanone	7.787	43	534781	109.905	ug/L	100
42) Toluene	7.967	91	723997	53.942	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	231246	49.928	ug/L	98
45) 1,1,2-Trichloroethane	8.398	97	192542	51.277	ug/L	99
46) Tetrachloroethene	8.549	164	115675	46.853	ug/L	99
48) 2-Hexanone	8.681	43	440989	105.524	ug/L	98
49) Dibromochloromethane	8.806	129	194416	50.216	ug/L	98
50) 1,2-Dibromoethane	8.919	107	191834	50.750	ug/L	97
51) Chlorobenzene	9.443	112	458183	49.959	ug/L	99
52) Ethylbenzene	9.568	91	721979	52.562	ug/L	99
53) m,p-Xylene	9.690	106	281820	53.005	ug/L	98
54) o-Xylene	10.099	106	293808	54.293	ug/L	99
55) Styrene	10.111	104	512643	54.902	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.777	83	358608	50.540	ug/L	99
59) Bromoform	10.288	173	147273	48.366	ug/L	100
60) 1,2,3-Trichloropropane	10.819	75	275744	51.328	ug/L	99
61) Isopropylbenzene	10.481	105	707108	53.872	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	573079	53.581	ug/L	100
63) 1,2,4-Trimethylbenzene	11.465	105	572068	54.746	ug/L	99
64) 1,3-Dichlorobenzene	11.742	146	339877	51.090	ug/L	99
65) 1,4-Dichlorobenzene	11.832	146	339492	50.393	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	366716	51.840	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.992	75	69719	50.688	ug/L	95
69) 1,3,5-Trichlorobenzene	13.214	180	214337	48.563	ug/L	99
70) 1,2,4-trichlorobenzene	13.835	180	178973	51.159	ug/L	99
71) Naphthalene	14.082	128	728137	63.286	ug/L	100
72) 1,2,3-Trichlorobenzene	14.327	180	212079	55.388	ug/L	99

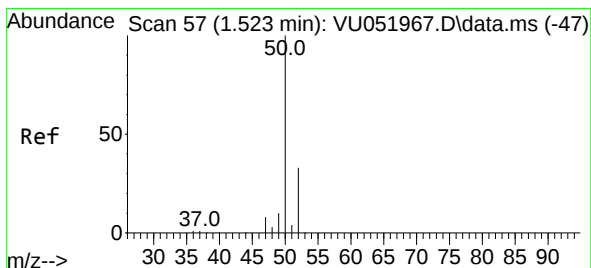
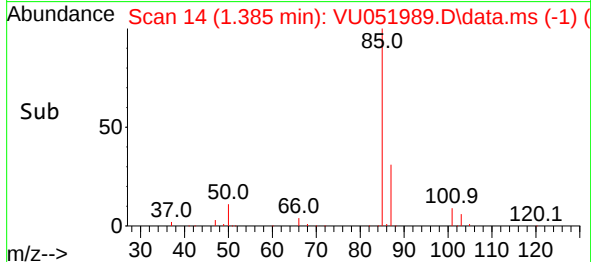
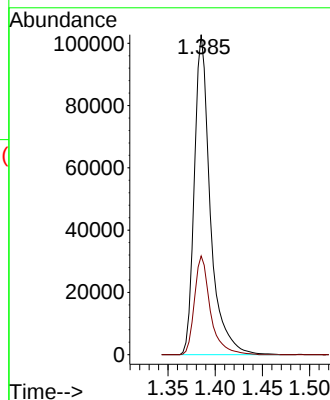
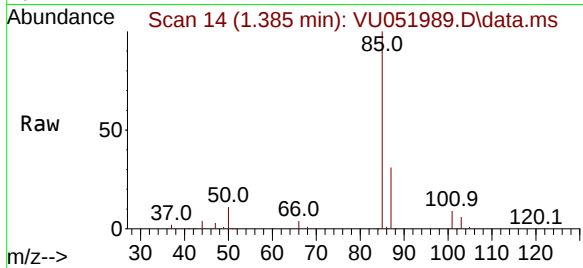
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 42.889 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.003 min
Lab File: VU051989.D
Acq: 20 Nov 2022 21:42

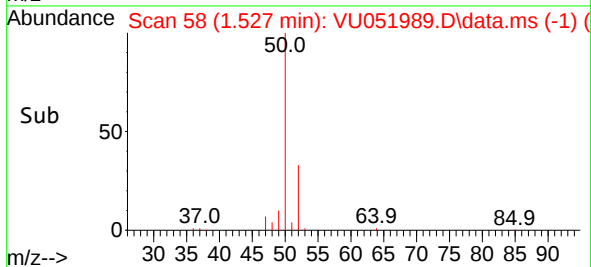
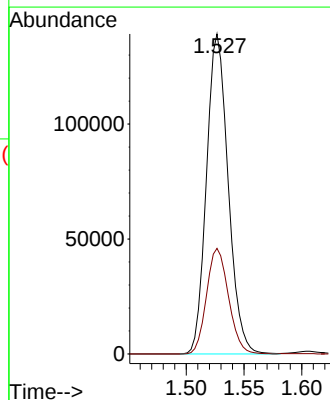
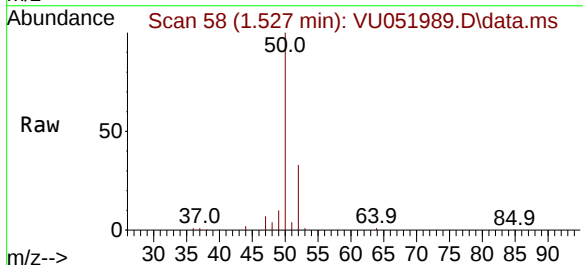
Instrument :
MSVOA_U
ClientSampleId :
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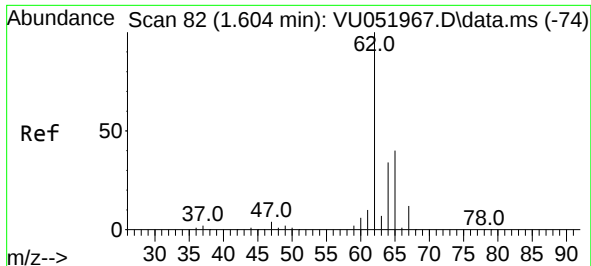
Tgt Ion: 85 Resp: 120237
Ion Ratio Lower Upper
85 100
87 30.9 26.0 39.0



#3
Chloromethane
Concen: 48.945 ug/L
RT: 1.527 min Scan# 58
Delta R.T. 0.003 min
Lab File: VU051989.D
Acq: 20 Nov 2022 21:42

Tgt Ion: 50 Resp: 182223
Ion Ratio Lower Upper
50 100
52 33.0 23.4 43.6

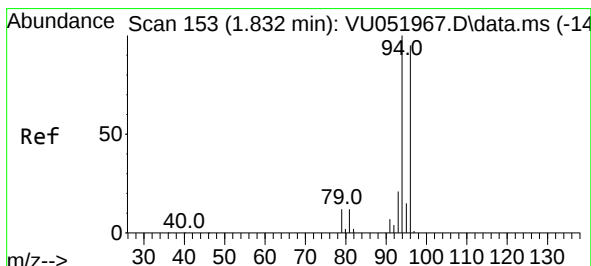
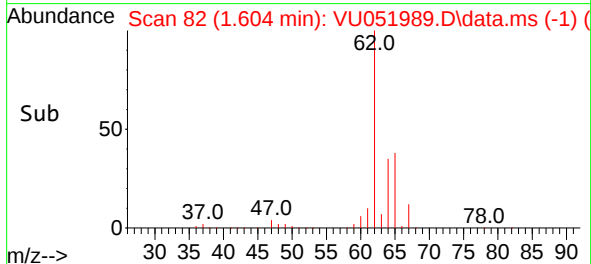
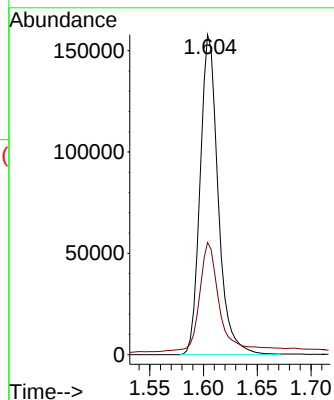
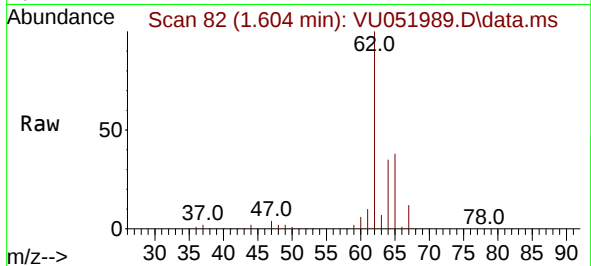




#5
 Vinyl chloride
 Concen: 47.743 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU051989.D
 Acq: 20 Nov 2022 21:42

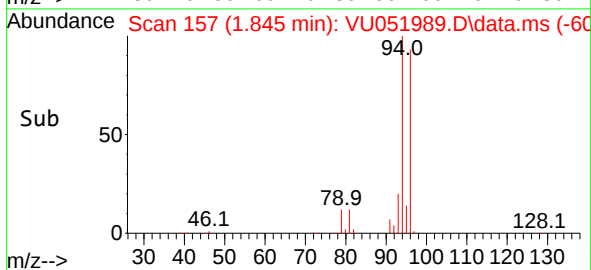
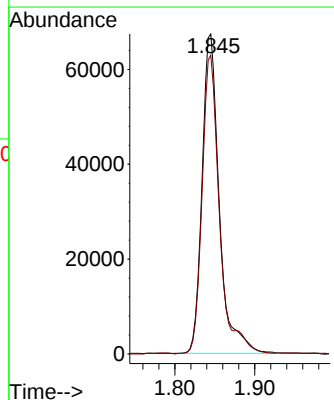
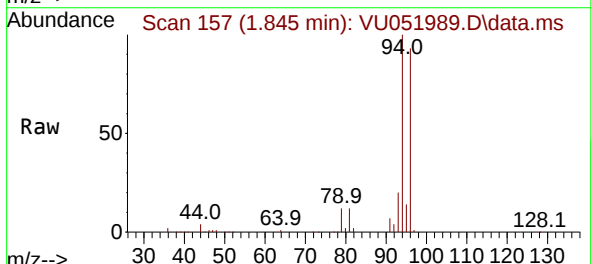
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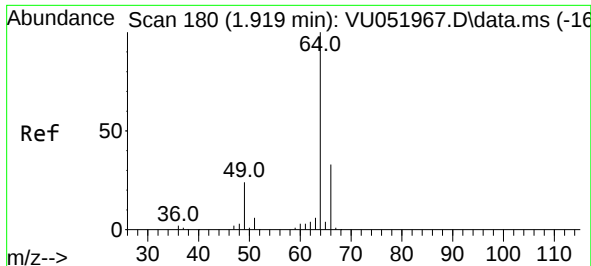
Tgt Ion: 62 Resp: 184369
 Ion Ratio Lower Upper
 62 100
 64 35.1 24.3 45.1



#6
 Bromomethane
 Concen: 60.448 ug/L
 RT: 1.845 min Scan# 157
 Delta R.T. 0.013 min
 Lab File: VU051989.D
 Acq: 20 Nov 2022 21:42

Tgt Ion: 94 Resp: 101132
 Ion Ratio Lower Upper
 94 100
 96 93.4 66.1 122.7

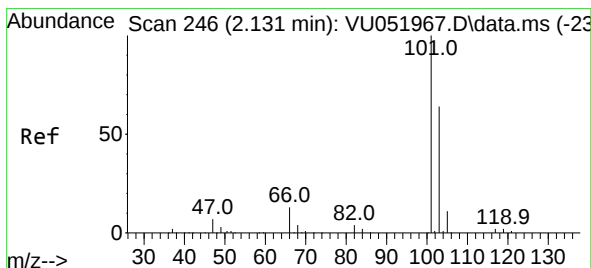
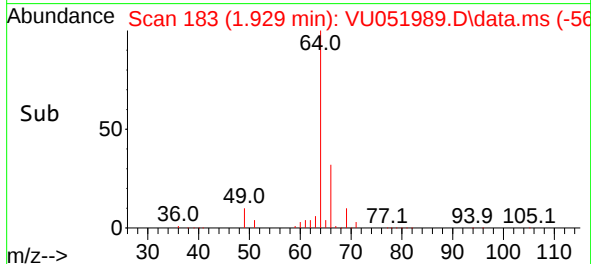
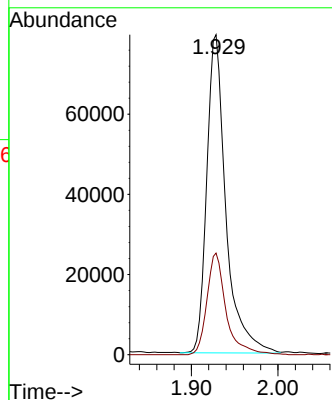
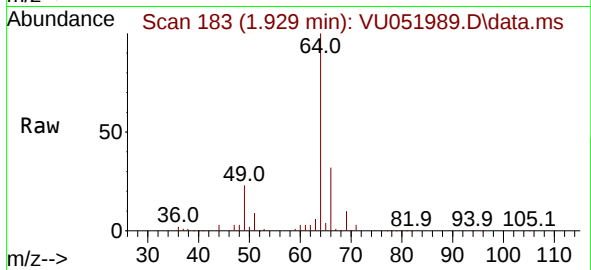




#8
Chloroethane
Concen: 48.582 ug/L
RT: 1.929 min Scan# 11
Delta R.T. 0.010 min
Lab File: VU051989.D
Acq: 20 Nov 2022 21:42

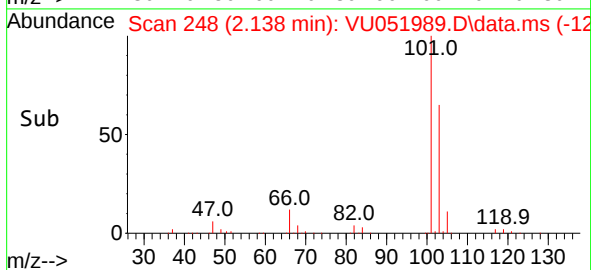
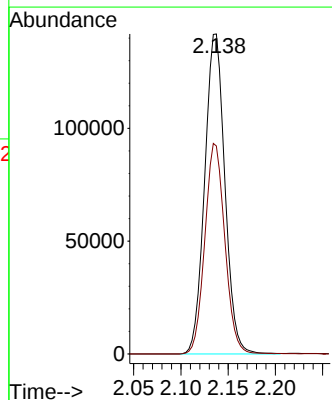
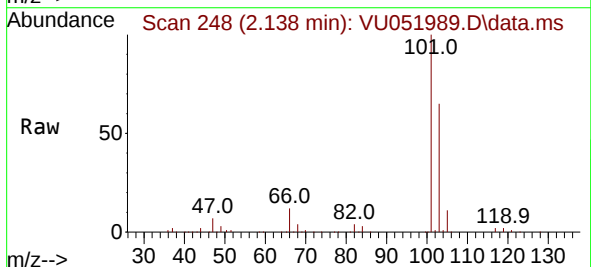
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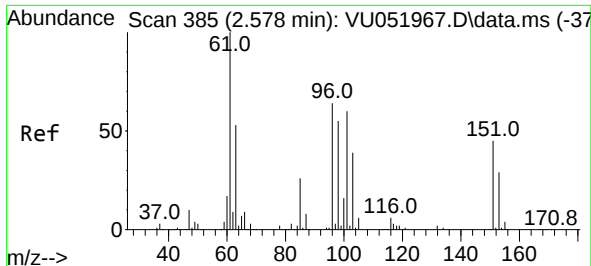
Tgt Ion: 64 Resp: 121974
Ion Ratio Lower Upper
64 100
66 31.8 22.4 41.6



#9
Trichlorofluoromethane
Concen: 45.622 ug/L
RT: 2.138 min Scan# 248
Delta R.T. 0.006 min
Lab File: VU051989.D
Acq: 20 Nov 2022 21:42

Tgt Ion:101 Resp: 210929
Ion Ratio Lower Upper
101 100
103 65.1 51.4 77.2

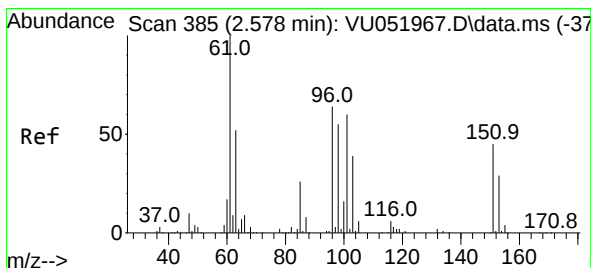
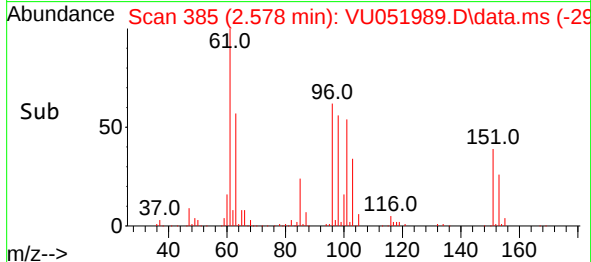
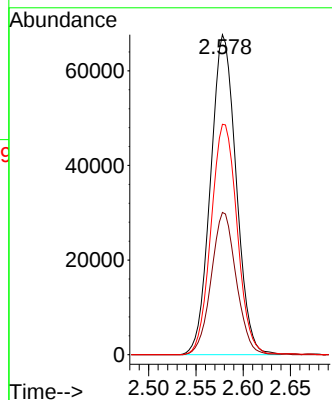
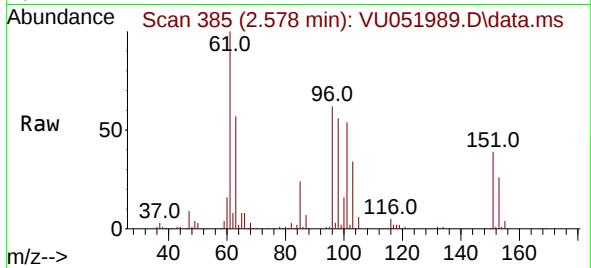




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 43.730 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.003 min
 Lab File: VU051989.D
 Acq: 20 Nov 2022 21:42

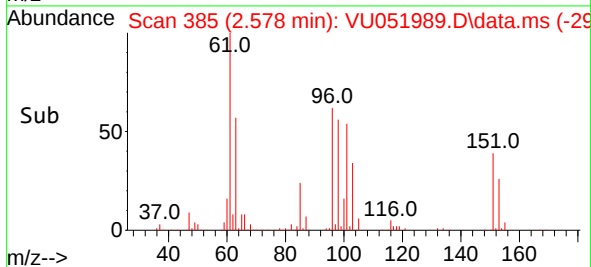
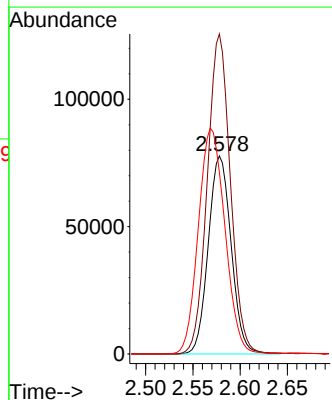
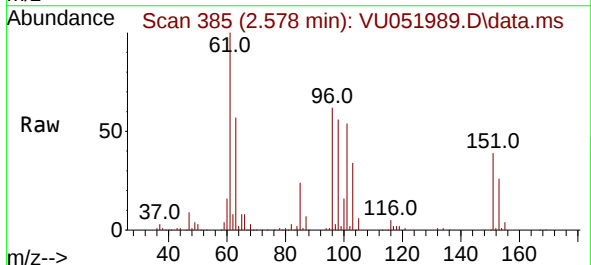
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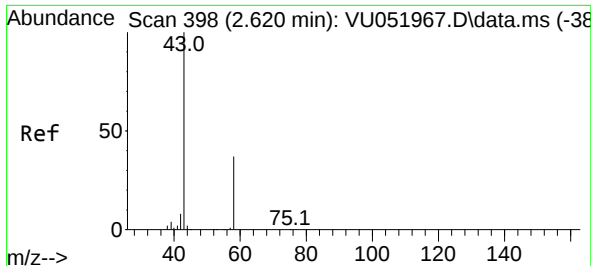
Tgt Ion:101 Resp: 127419
 Ion Ratio Lower Upper
 101 100
 85 43.4 34.2 51.2
 151 73.2 58.3 87.5



#12
 1,1-Dichloroethene
 Concen: 48.082 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.003 min
 Lab File: VU051989.D
 Acq: 20 Nov 2022 21:42

Tgt Ion: 96 Resp: 130846
 Ion Ratio Lower Upper
 96 100
 61 161.6 110.7 205.5
 63 91.6 68.6 127.4





#13

Acetone

Concen: 61.982 ug/L

RT: 2.620 min Scan# 398

Delta R.T. -0.000 min

Lab File: VU051989.D

Acq: 20 Nov 2022 21:42

Instrument :

MSVOA_U

ClientSampleId :

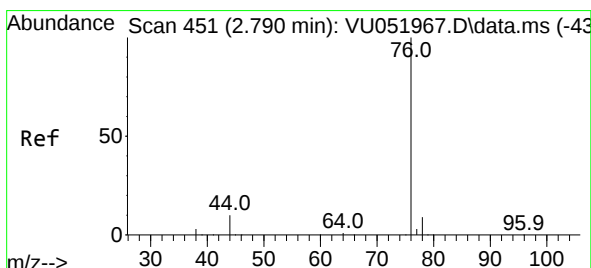
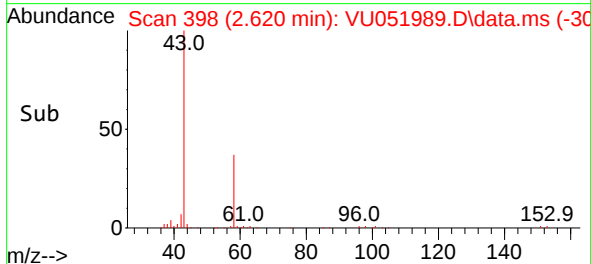
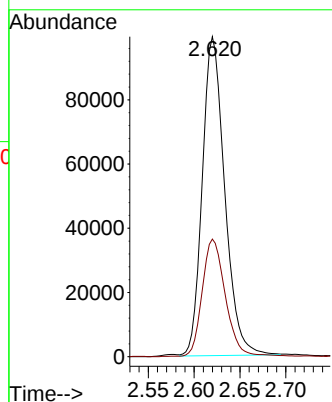
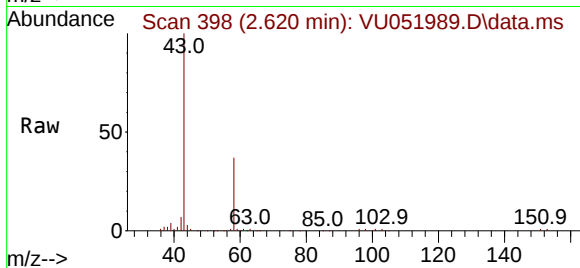
ESQW0MSD

Tgt Ion: 43 Resp: 169041

Ion Ratio Lower Upper

43 100

58 38.4 0.0 75.4



#14

Carbon disulfide

Concen: 44.036 ug/L

RT: 2.790 min Scan# 451

Delta R.T. -0.000 min

Lab File: VU051989.D

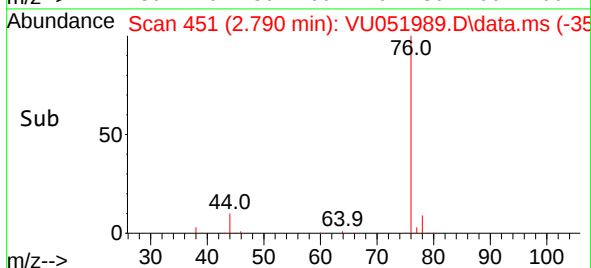
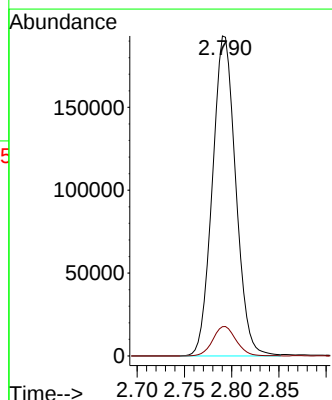
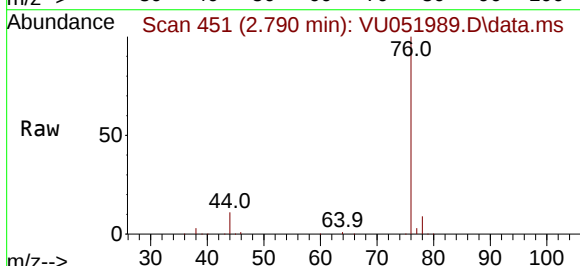
Acq: 20 Nov 2022 21:42

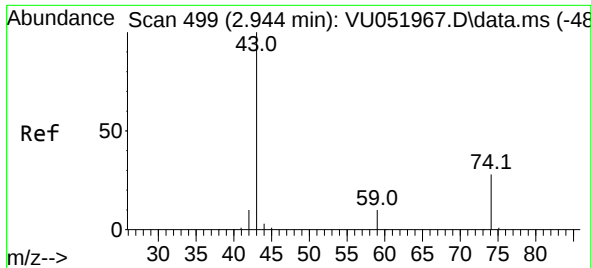
Tgt Ion: 76 Resp: 331998

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0

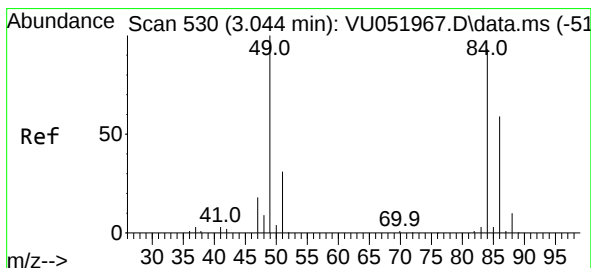
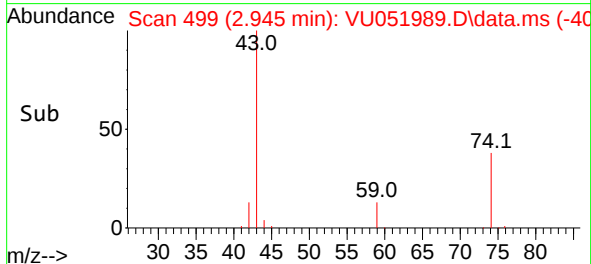
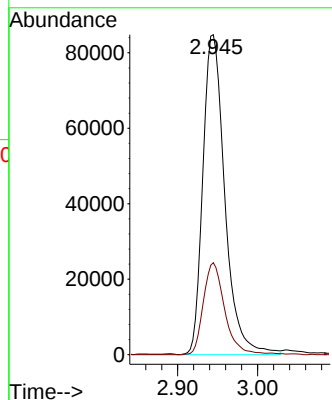
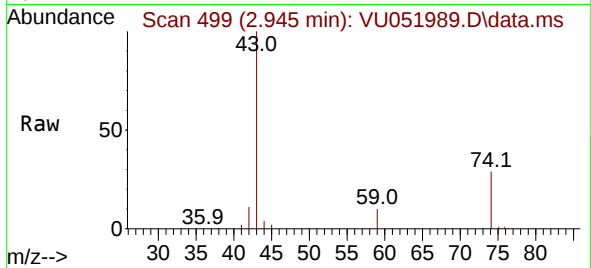




#15
Methyl Acetate
Concen: 43.668 ug/L
RT: 2.945 min Scan# 499
Delta R.T. 0.003 min
Lab File: VU051989.D
Acq: 20 Nov 2022 21:42

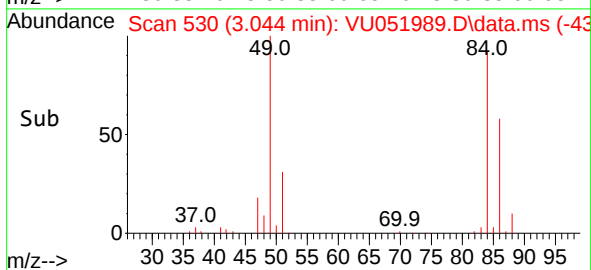
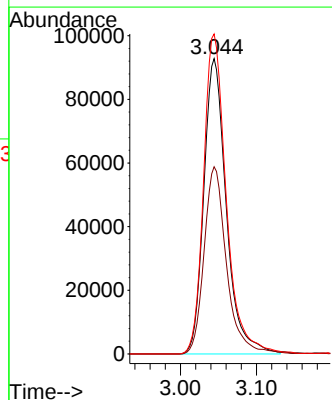
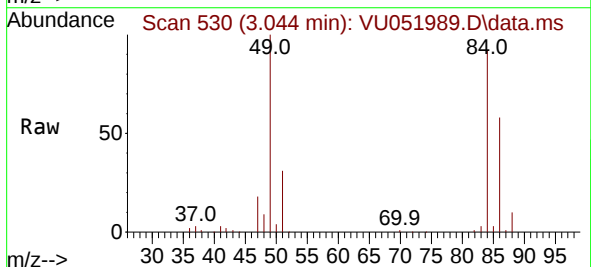
Instrument :
MSVOA_U
ClientSampleId :
ESQW0MSD

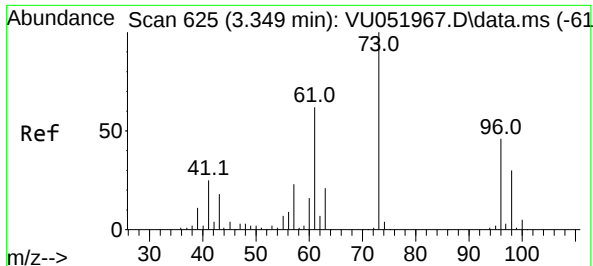
Tgt Ion: 43 Resp: 162363
Ion Ratio Lower Upper
43 100
74 27.7 21.8 32.8



#16
Methylene chloride
Concen: 43.955 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.003 min
Lab File: VU051989.D
Acq: 20 Nov 2022 21:42

Tgt Ion: 84 Resp: 190952
Ion Ratio Lower Upper
84 100
86 63.4 44.7 82.9
49 108.3 76.5 142.1





#17

trans-1,2-Dichloroethene

Concen: 48.679 ug/L

RT: 3.350 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU051989.D

Acq: 20 Nov 2022 21:42

Instrument :

MSVOA_U

ClientSampleId :

ESQW0MSD

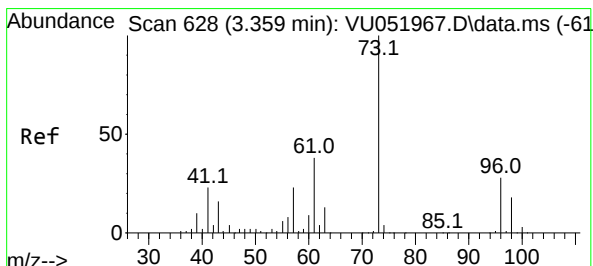
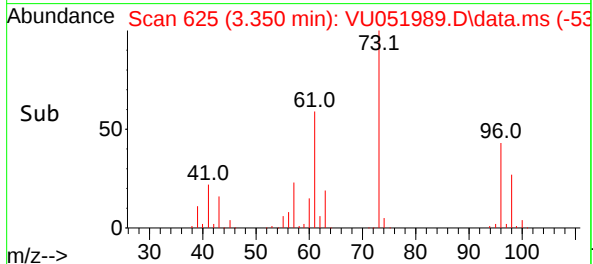
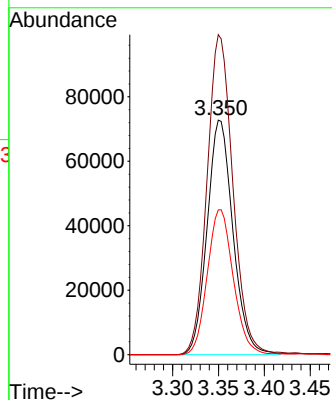
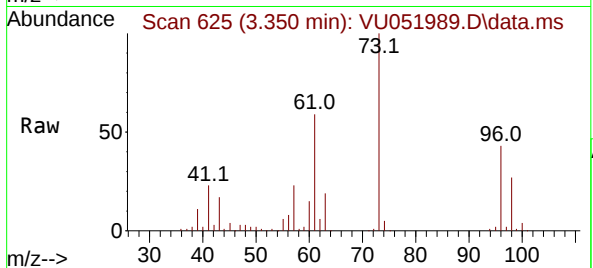
Tgt Ion: 96 Resp: 142758

Ion Ratio Lower Upper

96 100

61 136.4 98.3 182.7

98 61.7 45.5 84.5



#18

Methyl tert-butyl Ether

Concen: 52.765 ug/L

RT: 3.359 min Scan# 628

Delta R.T. -0.000 min

Lab File: VU051989.D

Acq: 20 Nov 2022 21:42

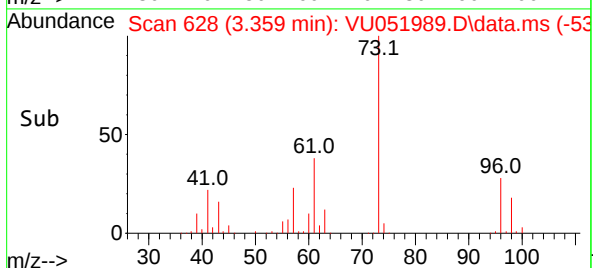
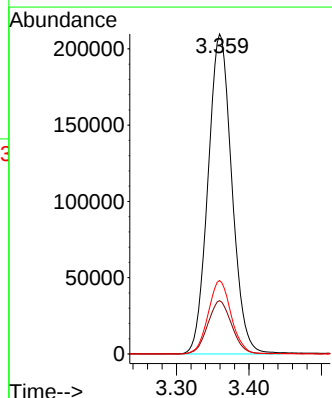
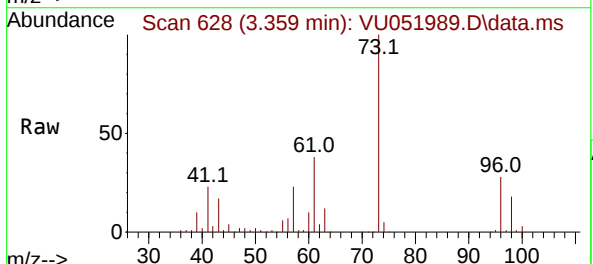
Tgt Ion: 73 Resp: 478934

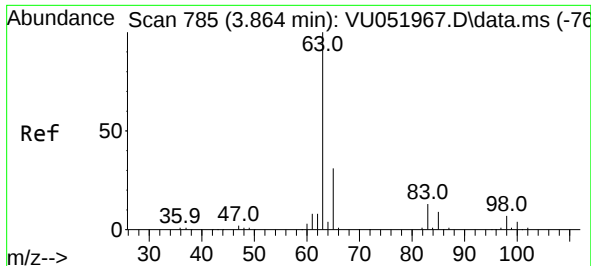
Ion Ratio Lower Upper

73 100

43 16.5 13.4 20.0

57 22.2 17.7 26.5





#19

1,1-Dichloroethane

Concen: 50.298 ug/L

RT: 3.867 min Scan# 785

Delta R.T. 0.003 min

Lab File: VU051989.D

Acq: 20 Nov 2022 21:42

Instrument :

MSVOA_U

ClientSampleId :

ESQW0MSD

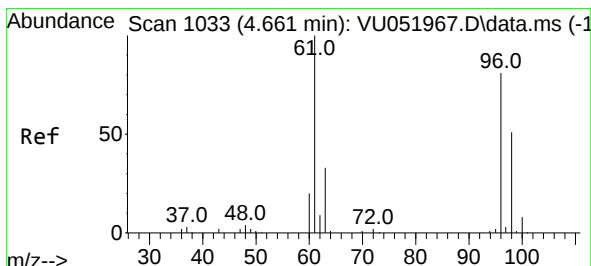
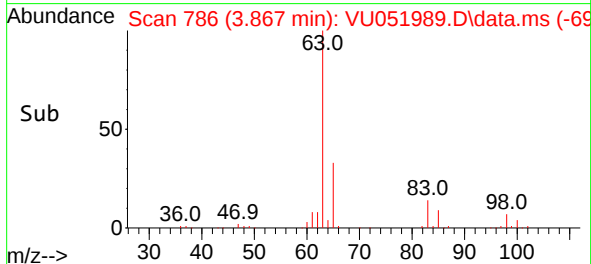
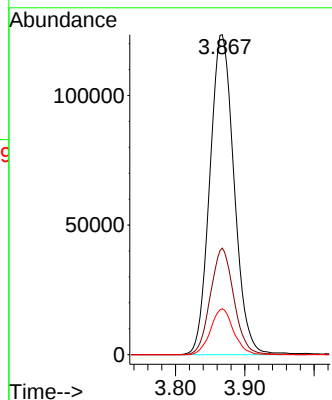
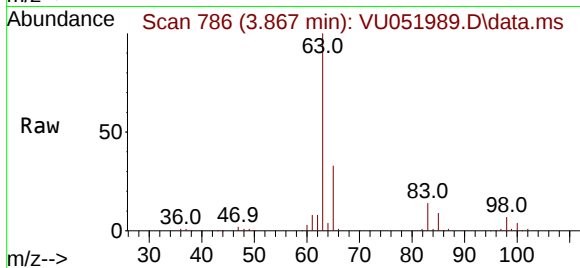
Tgt Ion: 63 Resp: 300214

Ion Ratio Lower Upper

63 100

65 33.3 22.2 41.2

83 14.3 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 51.525 ug/L

RT: 4.662 min Scan# 1033

Delta R.T. -0.003 min

Lab File: VU051989.D

Acq: 20 Nov 2022 21:42

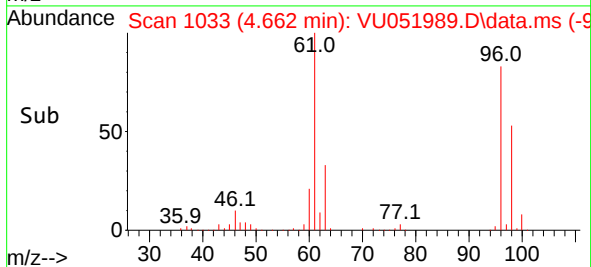
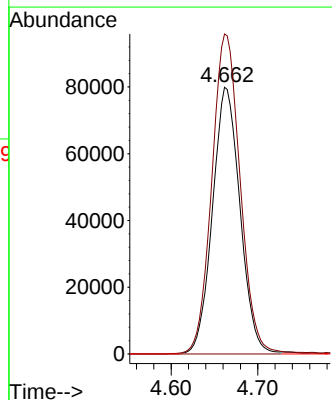
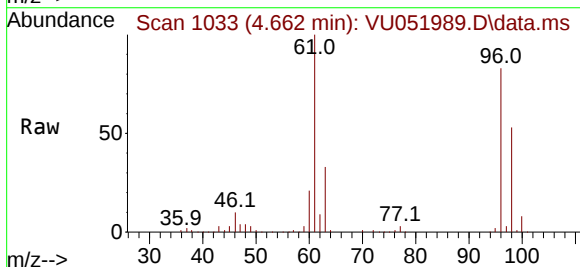
Tgt Ion: 96 Resp: 176345

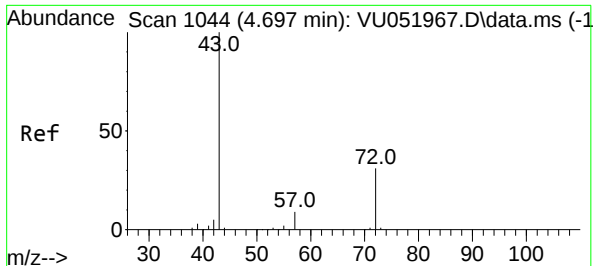
Ion Ratio Lower Upper

96 100

61 119.9 86.0 159.8

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 87.946 ug/L

RT: 4.694 min Scan# 1044

Delta R.T. -0.003 min

Lab File: VU051989.D

Acq: 20 Nov 2022 21:42

Instrument :

MSVOA_U

ClientSampleId :

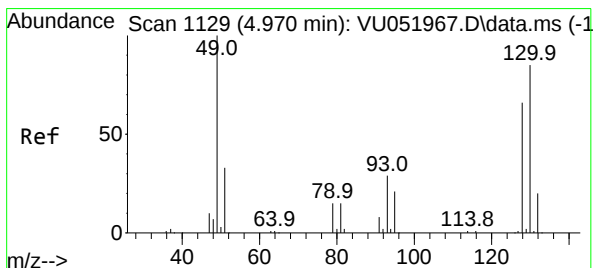
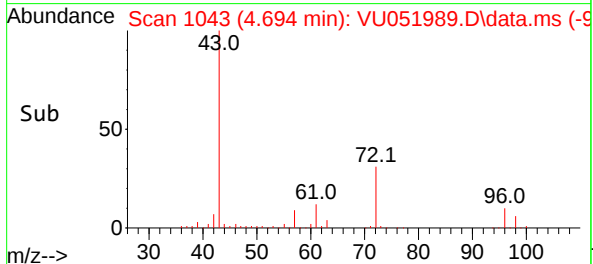
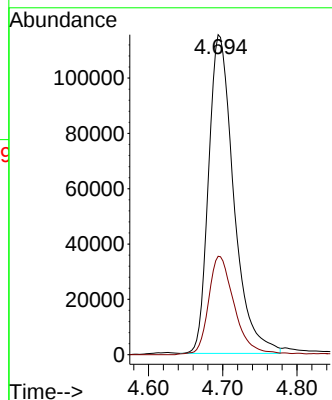
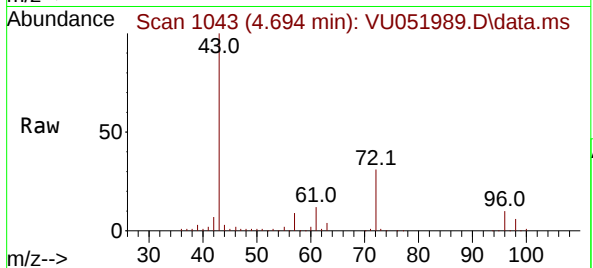
ESQW0MSD

Tgt Ion: 43 Resp: 270884

Ion Ratio Lower Upper

43 100

72 31.6 15.7 47.1



#23

Bromochloromethane

Concen: 50.654 ug/L

RT: 4.970 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VU051989.D

Acq: 20 Nov 2022 21:42

Tgt Ion:128 Resp: 95669

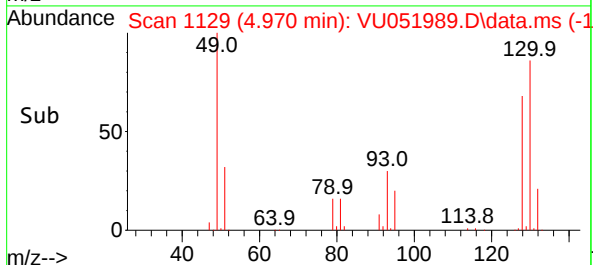
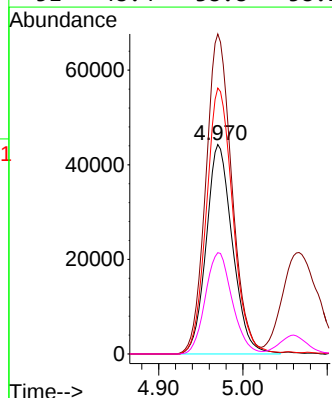
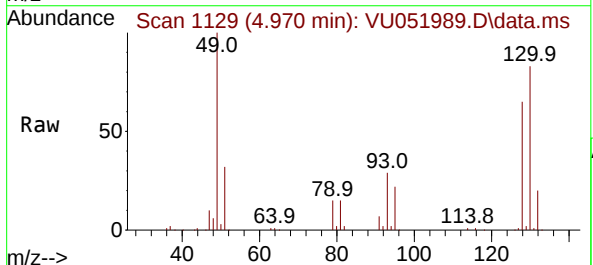
Ion Ratio Lower Upper

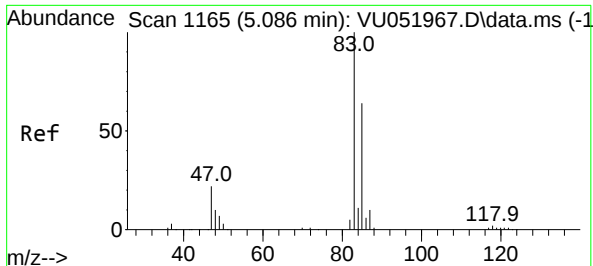
128 100

49 152.8 107.2 199.0

130 127.0 92.5 171.7

51 48.4 38.8 58.2





#25

Chloroform

Concen: 50.039 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. -0.000 min

Lab File: VU051989.D

Acq: 20 Nov 2022 21:42

Instrument :

MSVOA_U

ClientSampleId :

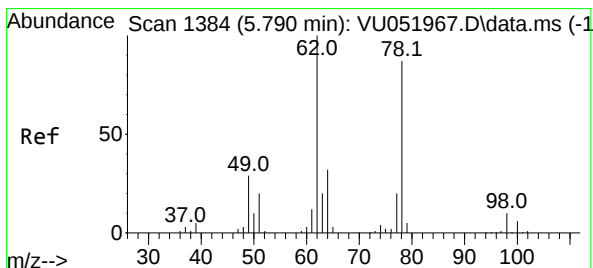
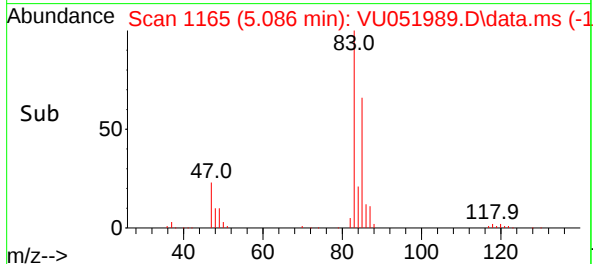
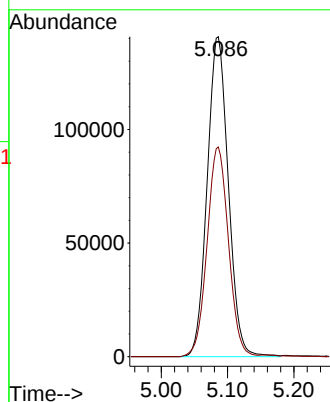
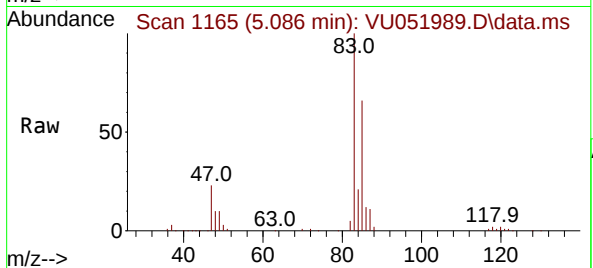
ESQW0MSD

Tgt Ion: 83 Resp: 311635

Ion Ratio Lower Upper

83 100

85 65.5 45.6 84.8



#27

1,2-Dichloroethane

Concen: 50.762 ug/L

RT: 5.790 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VU051989.D

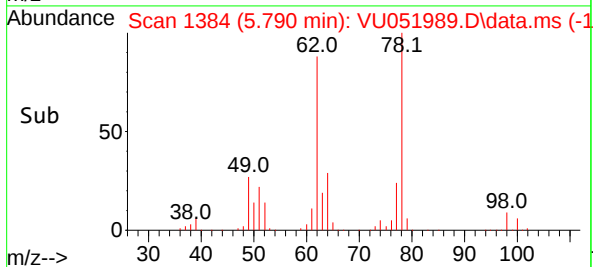
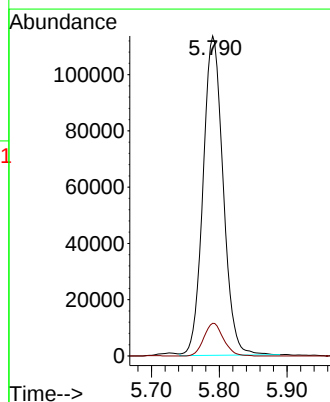
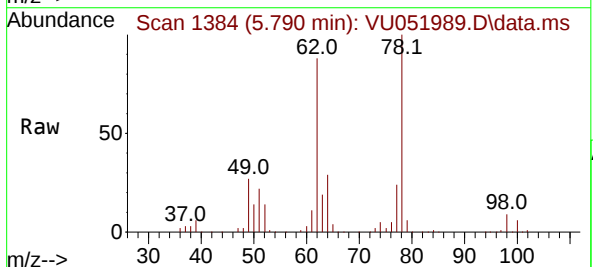
Acq: 20 Nov 2022 21:42

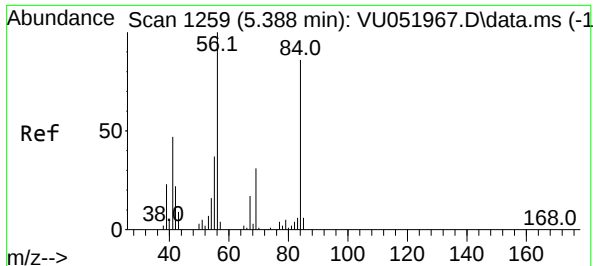
Tgt Ion: 62 Resp: 233616

Ion Ratio Lower Upper

62 100

98 10.2 8.1 12.1





#29

Cyclohexane

Concen: 50.927 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. 0.003 min

Lab File: VU051989.D

Acq: 20 Nov 2022 21:42

Instrument :

MSVOA_U

ClientSampleId :

ESQW0MSD

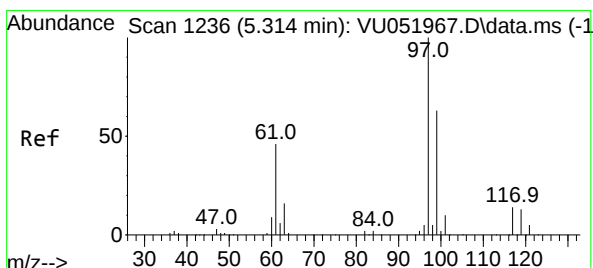
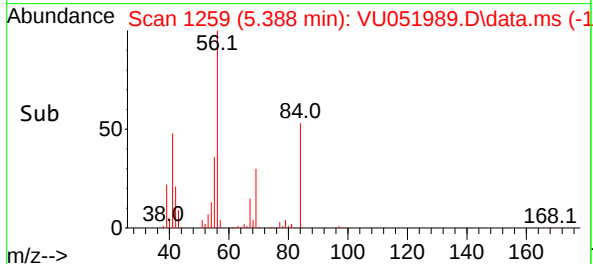
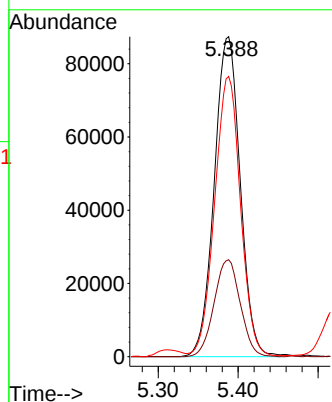
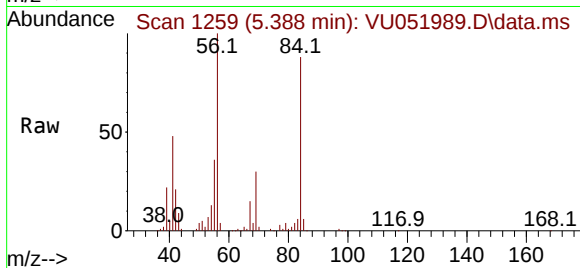
Tgt Ion: 56 Resp: 197110

Ion Ratio Lower Upper

56 100

69 30.5 25.4 38.2

84 87.1 71.4 107.0



#30

1,1,1-Trichloroethane

Concen: 50.447 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. -0.000 min

Lab File: VU051989.D

Acq: 20 Nov 2022 21:42

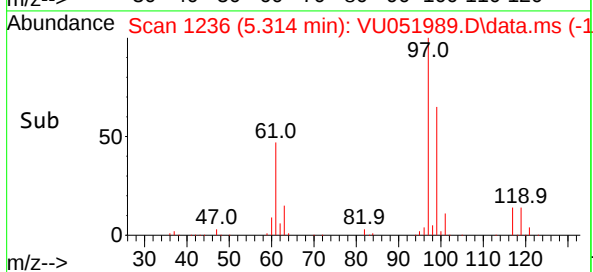
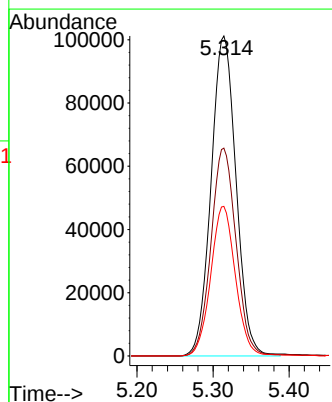
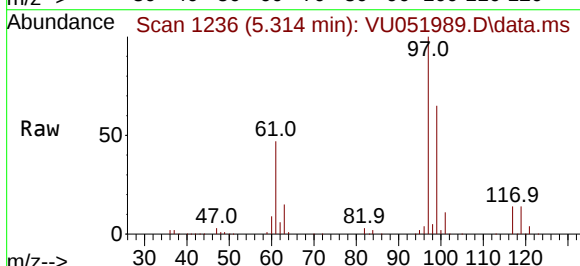
Tgt Ion: 97 Resp: 231372

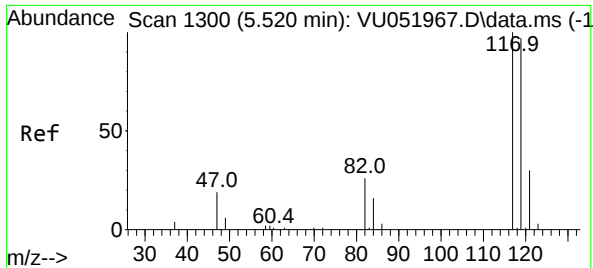
Ion Ratio Lower Upper

97 100

99 65.1 51.2 76.8

61 46.2 37.4 56.2

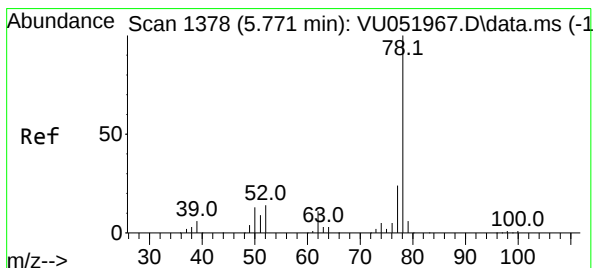
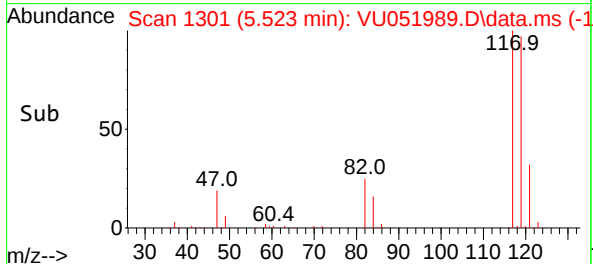
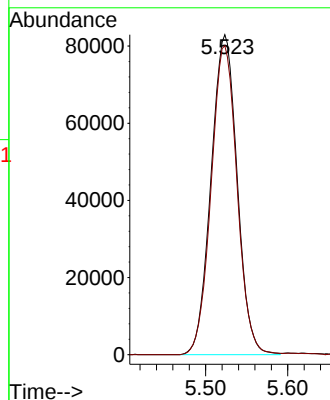
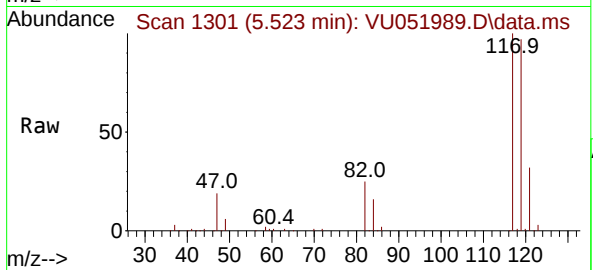




#31
Carbon tetrachloride
Concen: 47.895 ug/L
RT: 5.523 min Scan# 111
Delta R.T. -0.000 min
Lab File: VU051989.D
Acq: 20 Nov 2022 21:42

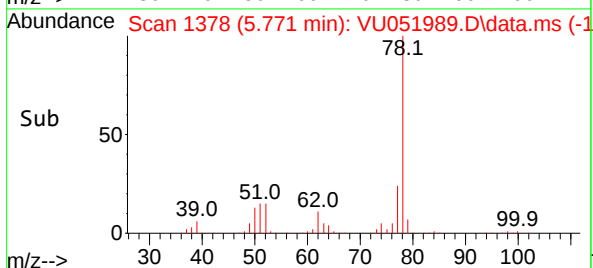
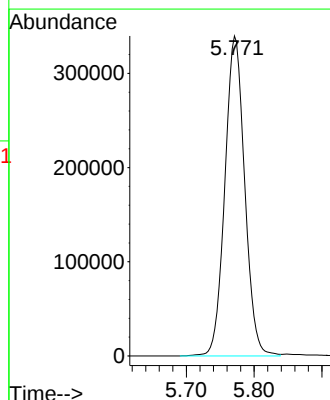
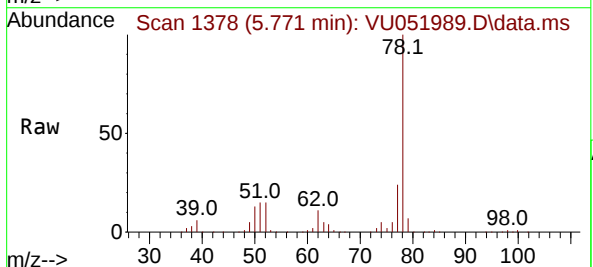
Instrument :
MSVOA_U
ClientSampleId :
ESQW0MSD

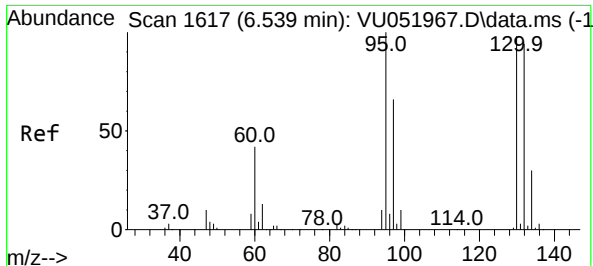
Tgt Ion:117 Resp: 183644
Ion Ratio Lower Upper
117 100
119 96.0 75.6 113.4



#33
Benzene
Concen: 52.938 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.000 min
Lab File: VU051989.D
Acq: 20 Nov 2022 21:42

Tgt Ion: 78 Resp: 690786



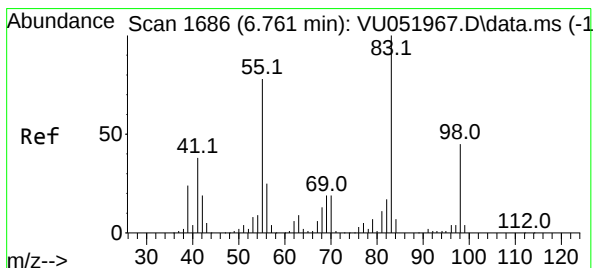
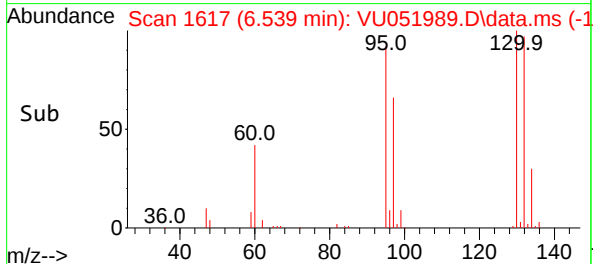
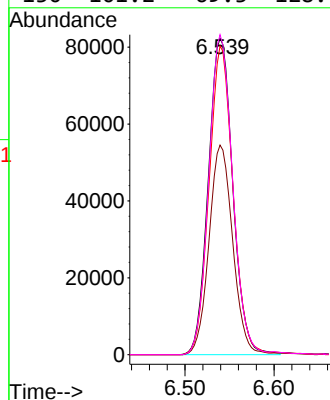
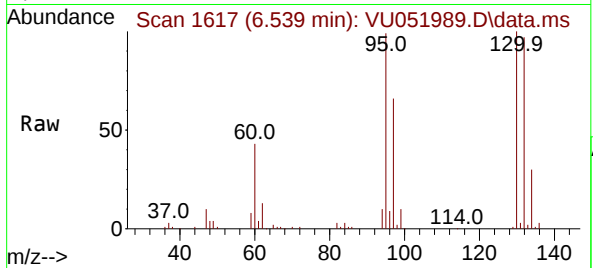


#34
Trichloroethene
Concen: 50.831 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VU051989.D
Acq: 20 Nov 2022 21:42

Instrument :
MSVOA_U
ClientSampleId :
ESQW0MSD

Tgt Ion: 95 Resp: 157142

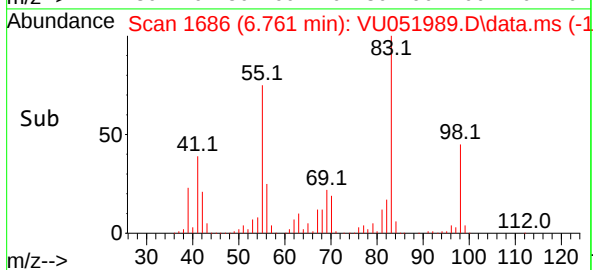
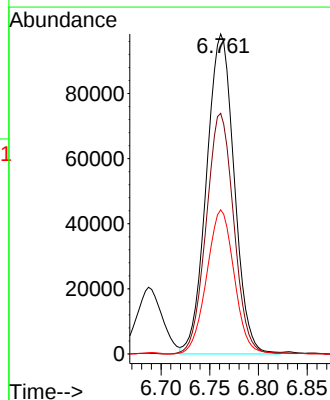
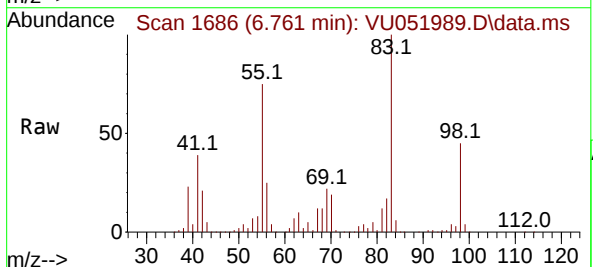
Ion	Ratio	Lower	Upper
95	100		
97	66.3	45.8	85.0
132	97.6	65.3	121.3
130	101.2	69.3	128.7

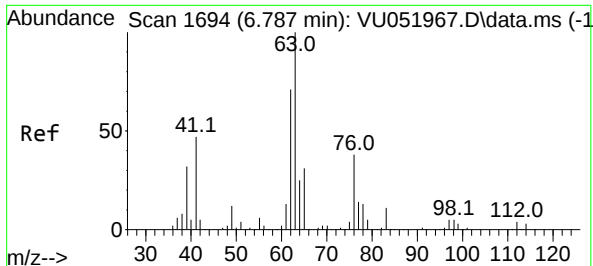


#35
Methylcyclohexane
Concen: 46.496 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VU051989.D
Acq: 20 Nov 2022 21:42

Tgt Ion: 83 Resp: 194903

Ion	Ratio	Lower	Upper
83	100		
55	74.8	60.0	90.0
98	44.6	35.8	53.8





#37

1,2-Dichloropropane

Concen: 51.665 ug/L

RT: 6.787 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU051989.D

Acq: 20 Nov 2022 21:42

Instrument :

MSVOA_U

ClientSampleId :

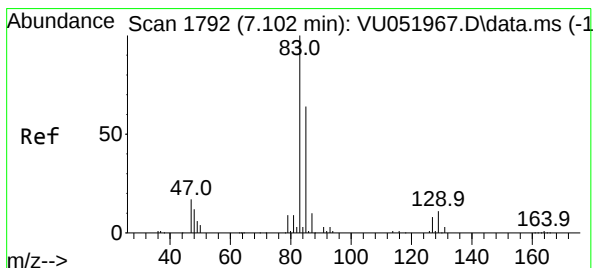
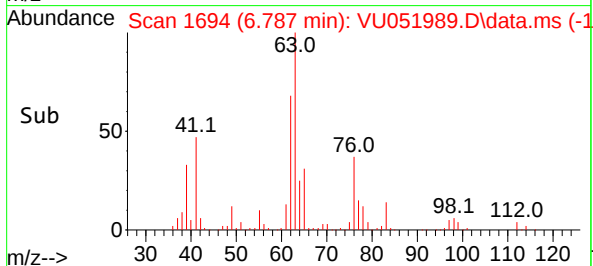
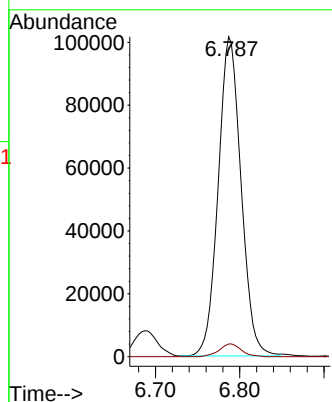
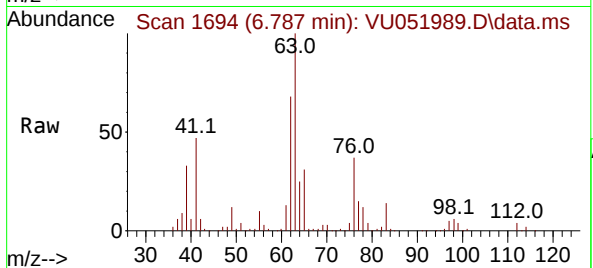
ESQW0MSD

Tgt Ion: 63 Resp: 190904

Ion Ratio Lower Upper

63 100

112 3.9 3.0 4.6



#38

Bromodichloromethane

Concen: 50.853 ug/L

RT: 7.102 min Scan# 1792

Delta R.T. -0.003 min

Lab File: VU051989.D

Acq: 20 Nov 2022 21:42

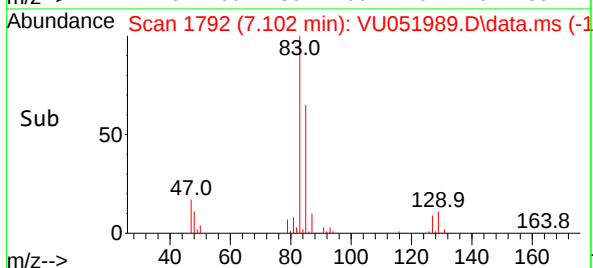
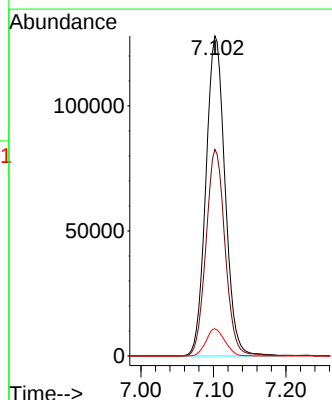
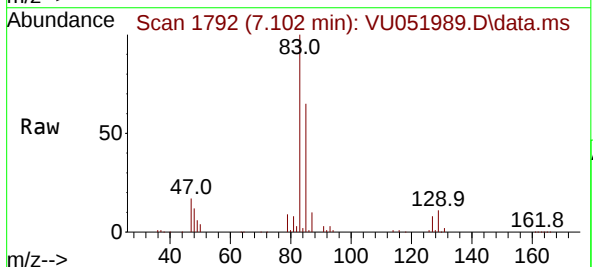
Tgt Ion: 83 Resp: 235088

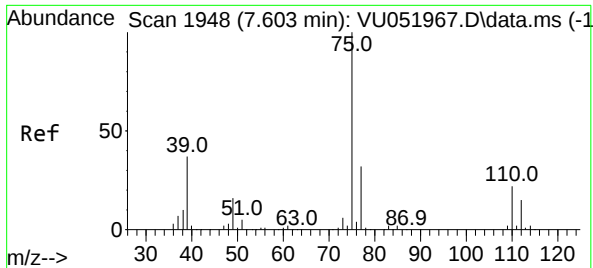
Ion Ratio Lower Upper

83 100

85 64.6 44.6 82.8

127 8.5 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 49.575 ug/L

RT: 7.604 min Scan# 1948

Delta R.T. -0.003 min

Lab File: VU051989.D

Acq: 20 Nov 2022 21:42

Instrument :

MSVOA_U

ClientSampleId :

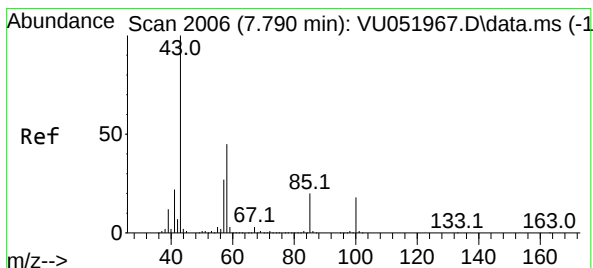
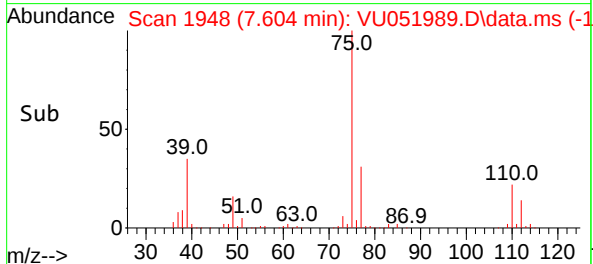
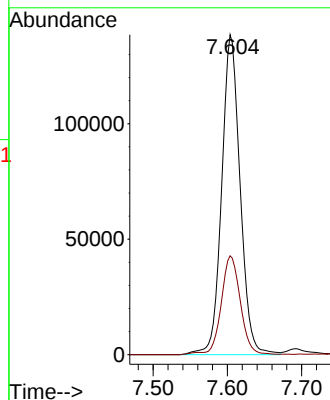
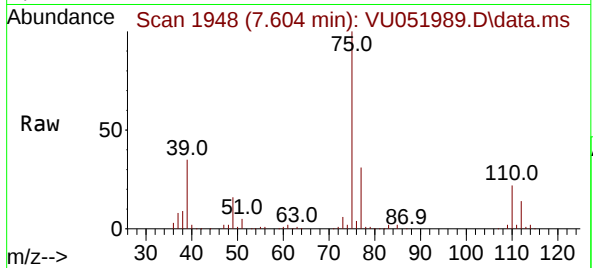
ESQW0MSD

Tgt Ion: 75 Resp: 239618

Ion Ratio Lower Upper

75 100

77 30.9 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 109.905 ug/L

RT: 7.787 min Scan# 2005

Delta R.T. -0.003 min

Lab File: VU051989.D

Acq: 20 Nov 2022 21:42

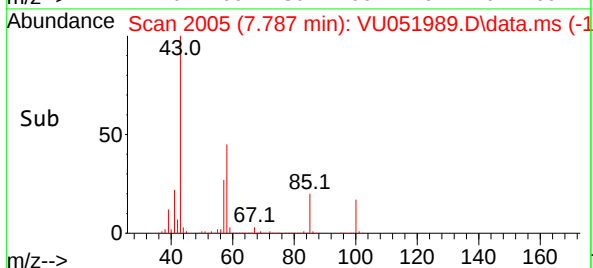
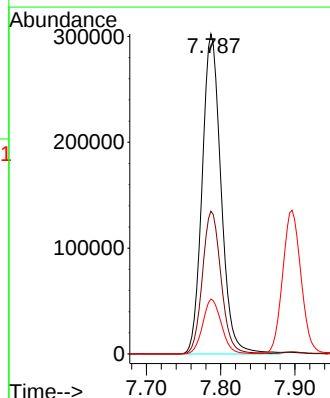
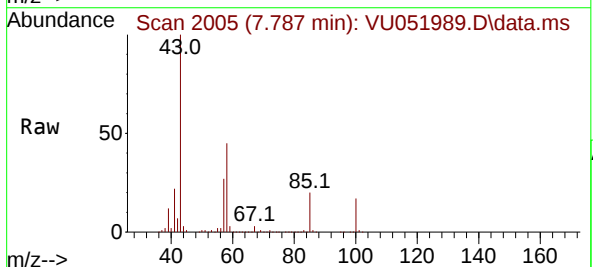
Tgt Ion: 43 Resp: 534781

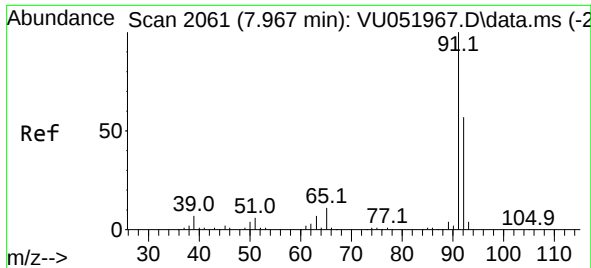
Ion Ratio Lower Upper

43 100

58 44.2 35.4 53.2

100 16.9 13.4 20.0





#42

Toluene

Concen: 53.942 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VU051989.D

Acq: 20 Nov 2022 21:42

Instrument :

MSVOA_U

ClientSampleId :

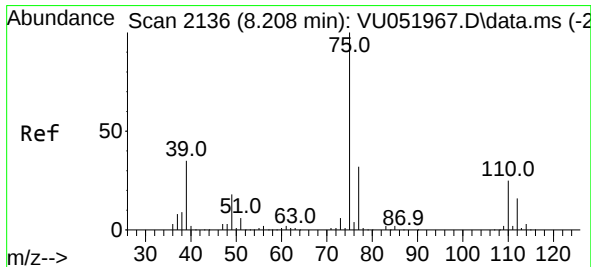
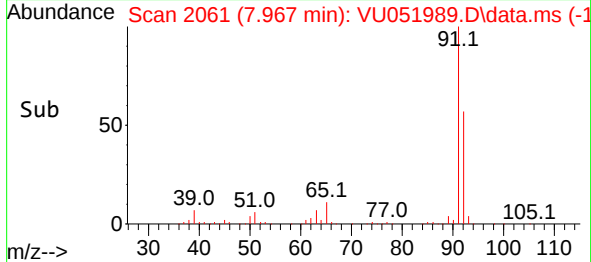
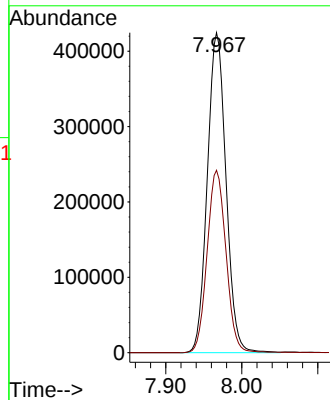
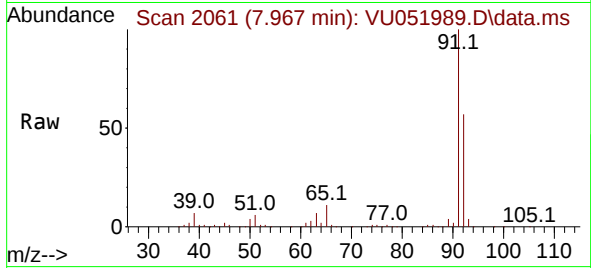
ESQW0MSD

Tgt Ion: 91 Resp: 723997

Ion Ratio Lower Upper

91 100

92 57.0 39.5 73.4



#44

trans-1,3-Dichloropropene

Concen: 49.928 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. -0.000 min

Lab File: VU051989.D

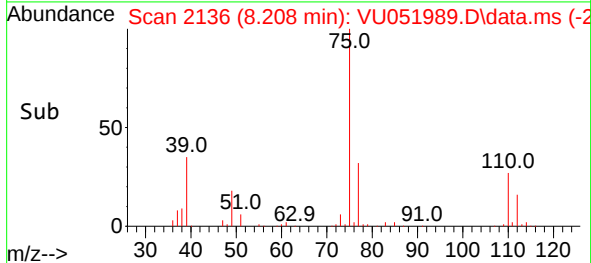
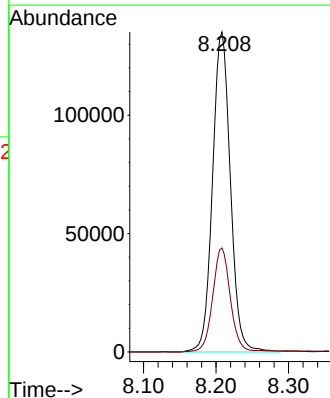
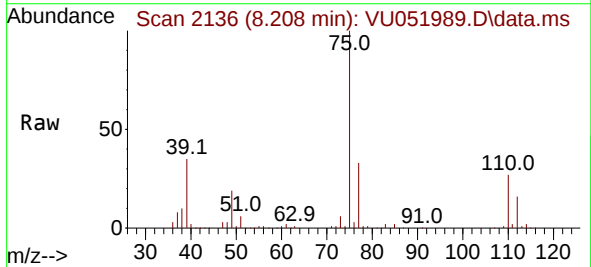
Acq: 20 Nov 2022 21:42

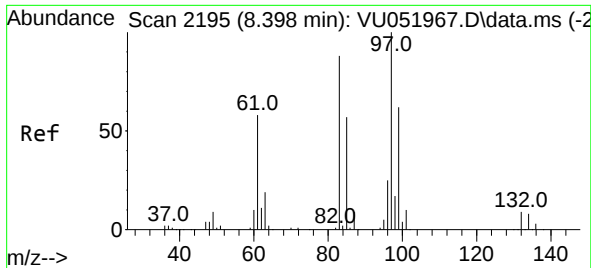
Tgt Ion: 75 Resp: 231246

Ion Ratio Lower Upper

75 100

77 32.5 21.8 40.6



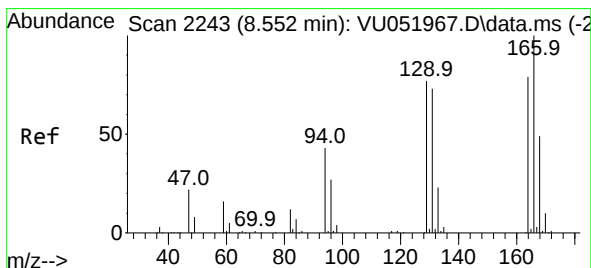
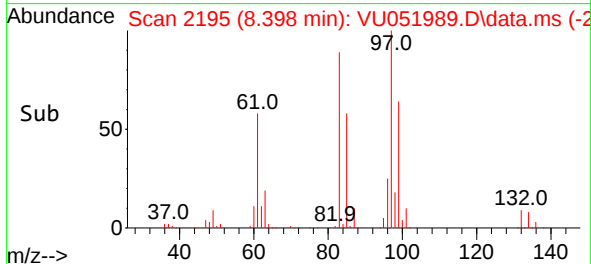
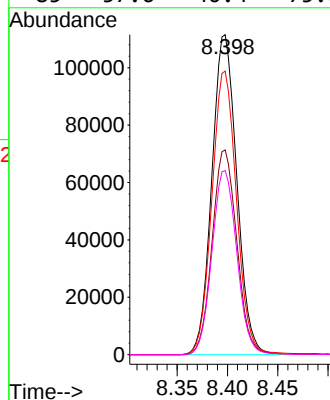
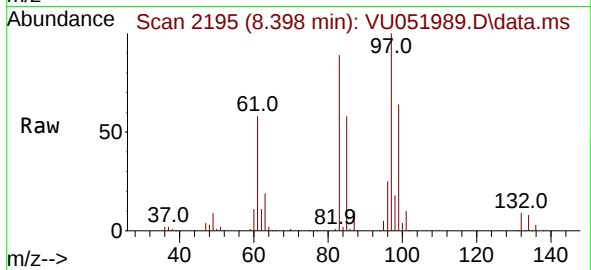


#45
1,1,2-Trichloroethane
Concen: 51.277 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. -0.000 min
Lab File: VU051989.D
Acq: 20 Nov 2022 21:42

Instrument :
MSVOA_U
ClientSampleId :
ESQW0MSD

Tgt Ion: 97 Resp: 192542

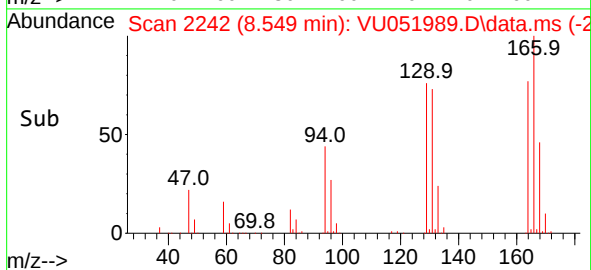
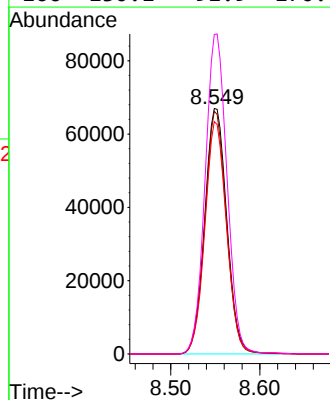
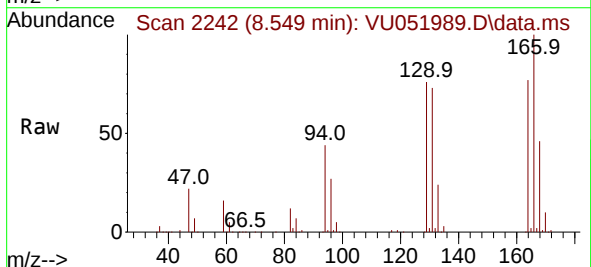
Ion	Ratio	Lower	Upper
97	100		
99	64.0	44.3	82.3
83	88.6	62.3	115.7
85	57.6	40.4	75.0

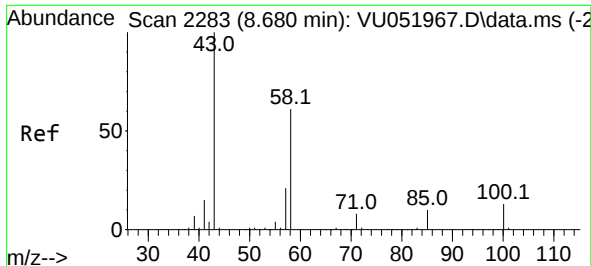


#46
Tetrachloroethene
Concen: 46.853 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. -0.003 min
Lab File: VU051989.D
Acq: 20 Nov 2022 21:42

Tgt Ion: 164 Resp: 115675

Ion	Ratio	Lower	Upper
164	100		
129	98.9	68.5	127.1
131	94.7	66.6	123.8
166	130.1	91.9	170.7



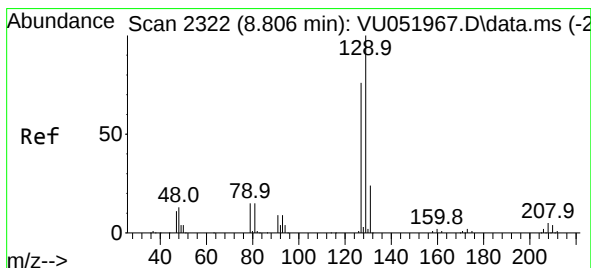
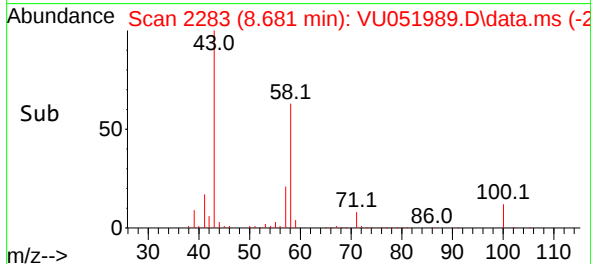
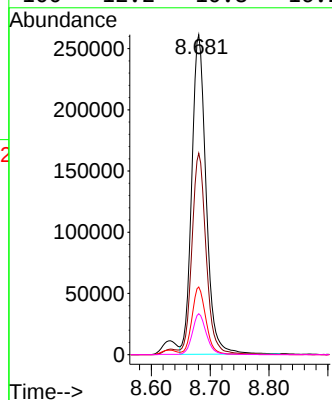
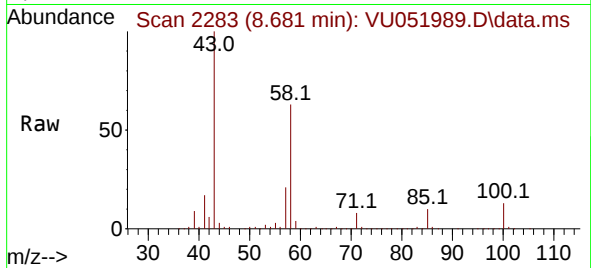


#48
2-Hexanone
Concen: 105.524 ug/L
RT: 8.681 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU051989.D
Acq: 20 Nov 2022 21:42

Instrument :
MSVOA_U
ClientSampleId :
ESQW0MSD

Tgt Ion: 43 Resp: 440989

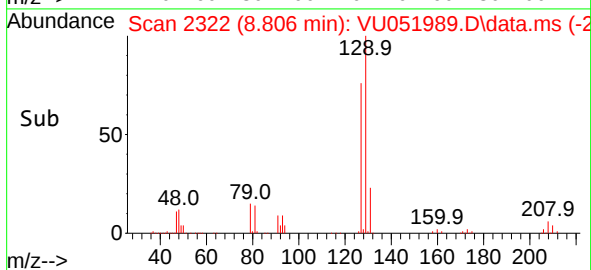
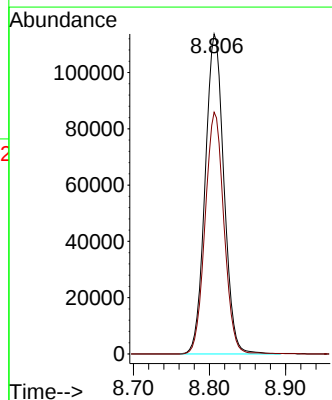
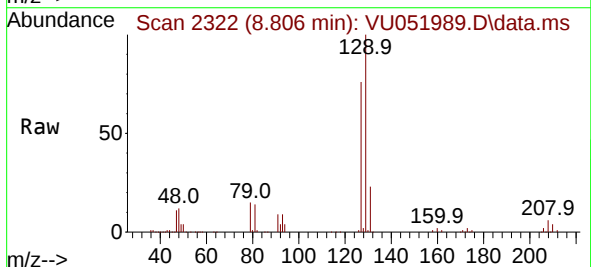
Ion	Ratio	Lower	Upper
43	100		
58	61.8	50.6	76.0
57	20.3	16.8	25.2
100	12.2	10.8	16.2

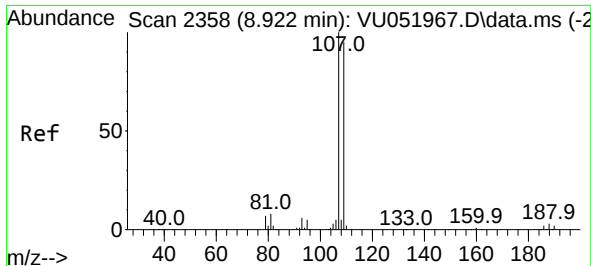


#49
Dibromochloromethane
Concen: 50.216 ug/L
RT: 8.806 min Scan# 2322
Delta R.T. -0.003 min
Lab File: VU051989.D
Acq: 20 Nov 2022 21:42

Tgt Ion: 129 Resp: 194416

Ion	Ratio	Lower	Upper
129	100		
127	75.5	54.4	101.0





#50

1,2-Dibromoethane

Concen: 50.750 ug/L

RT: 8.919 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU051989.D

Acq: 20 Nov 2022 21:42

Instrument :

MSVOA_U

ClientSampleId :

ESQW0MSD

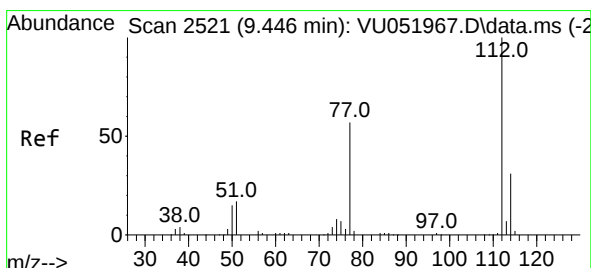
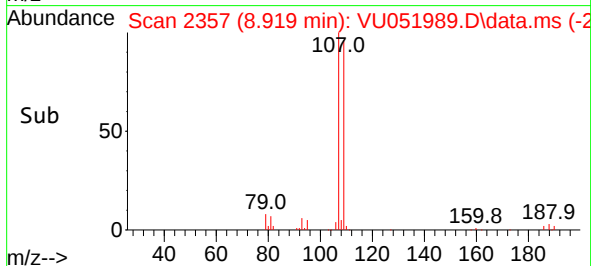
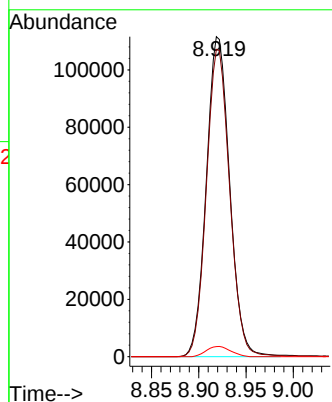
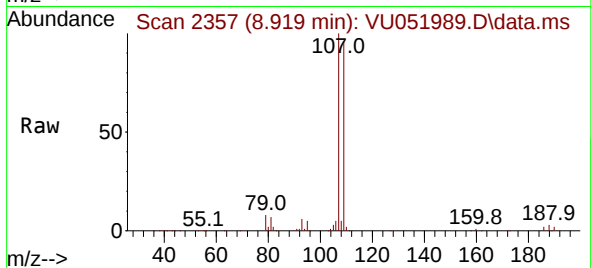
Tgt Ion:107 Resp: 191834

Ion Ratio Lower Upper

107 100

109 96.0 65.0 120.6

188 3.2 2.9 4.3



#51

Chlorobenzene

Concen: 49.959 ug/L

RT: 9.443 min Scan# 2520

Delta R.T. -0.003 min

Lab File: VU051989.D

Acq: 20 Nov 2022 21:42

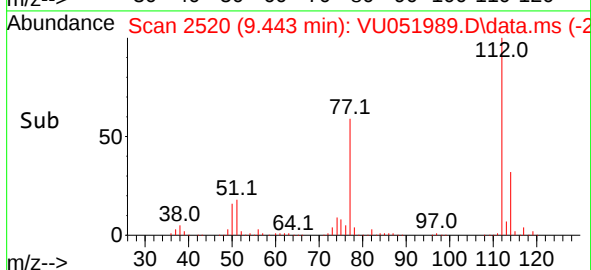
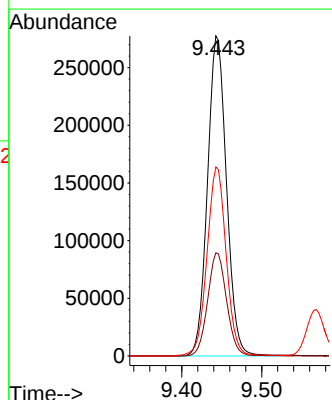
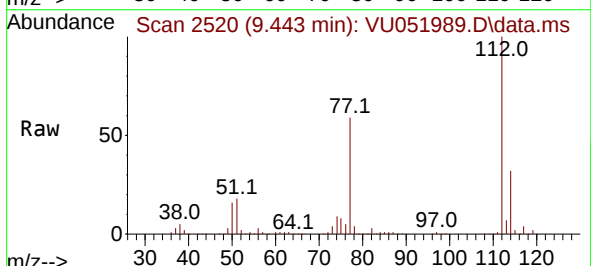
Tgt Ion:112 Resp: 458183

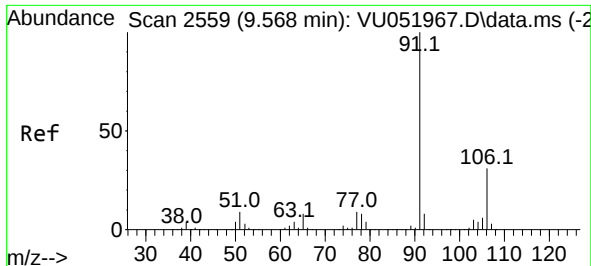
Ion Ratio Lower Upper

112 100

114 32.3 22.2 41.2

77 59.1 46.7 70.1

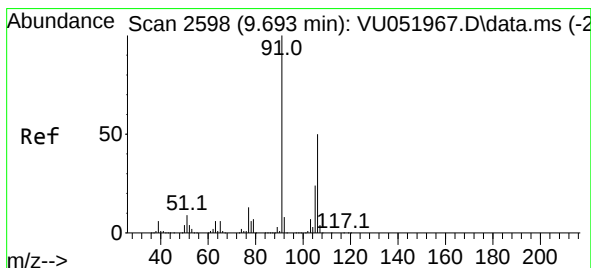
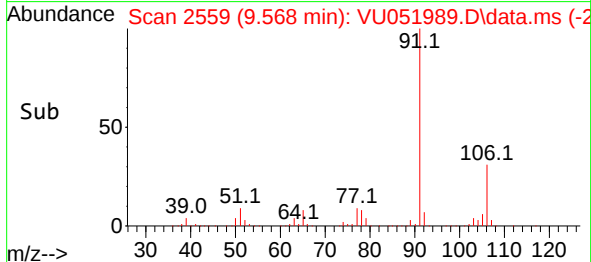
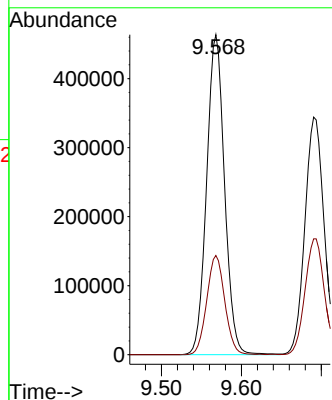
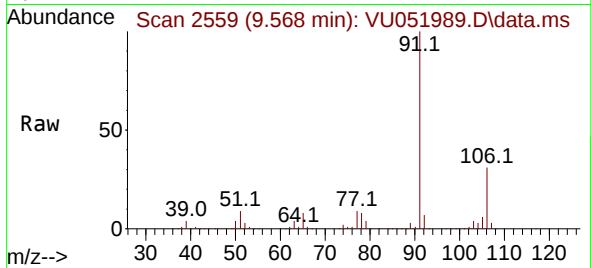




#52
Ethylbenzene
Concen: 52.562 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. -0.000 min
Lab File: VU051989.D
Acq: 20 Nov 2022 21:42

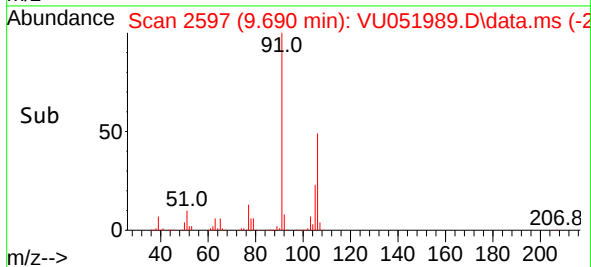
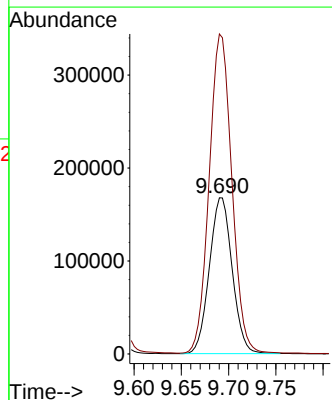
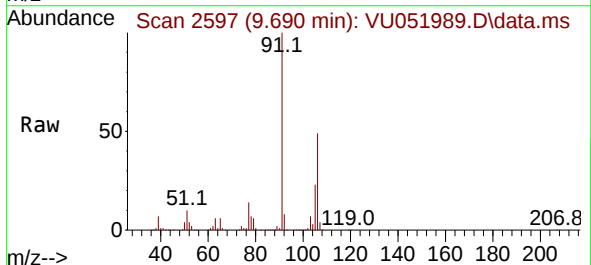
Instrument :
MSVOA_U
ClientSampleId :
ESQW0MSD

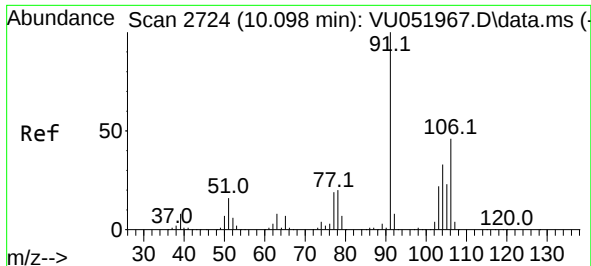
Tgt Ion: 91 Resp: 721979
Ion Ratio Lower Upper
91 100
106 31.0 21.3 39.6



#53
m,p-Xylene
Concen: 53.005 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. -0.003 min
Lab File: VU051989.D
Acq: 20 Nov 2022 21:42

Tgt Ion: 106 Resp: 281820
Ion Ratio Lower Upper
106 100
91 205.0 141.7 263.3

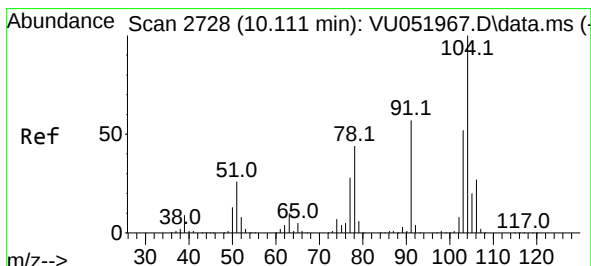
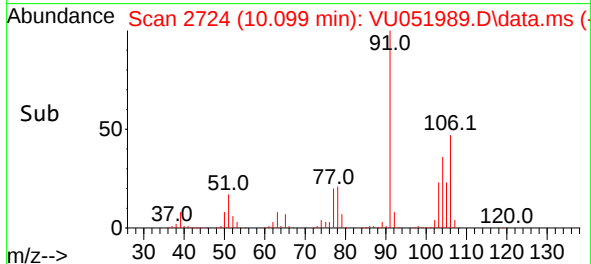
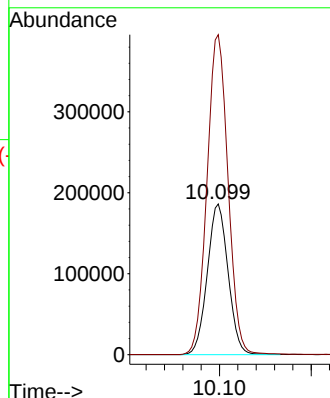
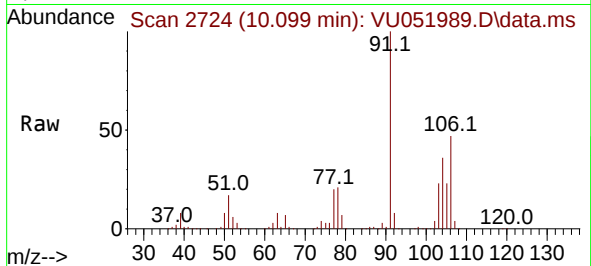




#54
o-Xylene
Concen: 54.293 ug/L
RT: 10.099 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU051989.D
Acq: 20 Nov 2022 21:42

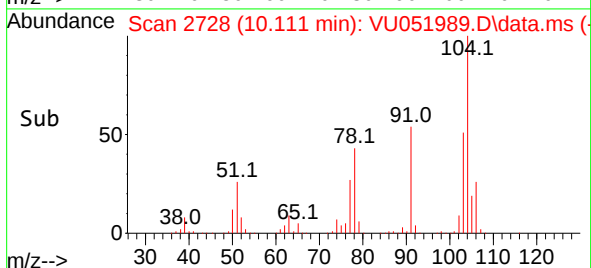
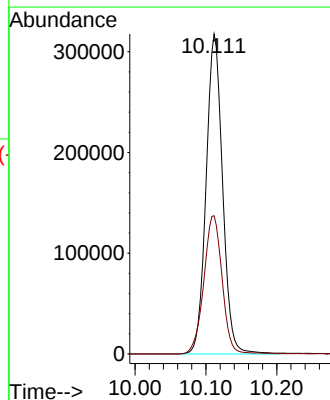
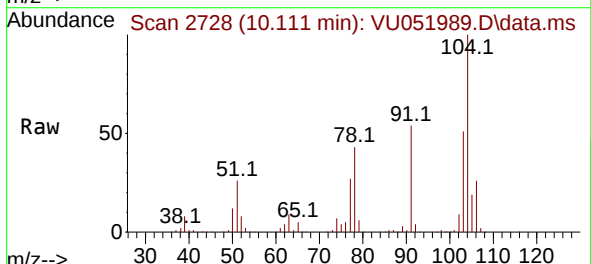
Instrument :
MSVOA_U
ClientSampleId :
ESQW0MSD

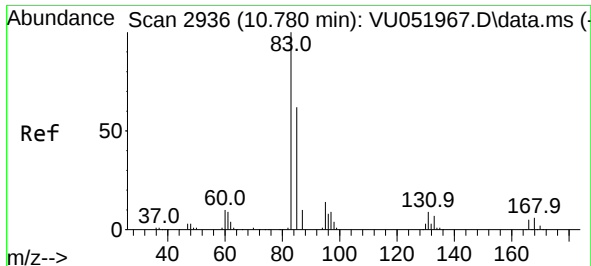
Tgt Ion:106 Resp: 293808
Ion Ratio Lower Upper
106 100
91 212.3 149.7 278.1



#55
Styrene
Concen: 54.902 ug/L
RT: 10.111 min Scan# 2728
Delta R.T. -0.003 min
Lab File: VU051989.D
Acq: 20 Nov 2022 21:42

Tgt Ion:104 Resp: 512643
Ion Ratio Lower Upper
104 100
78 43.2 30.3 56.3

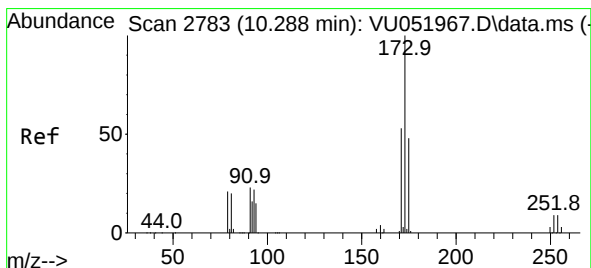
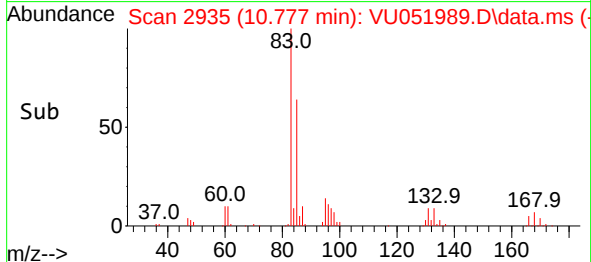
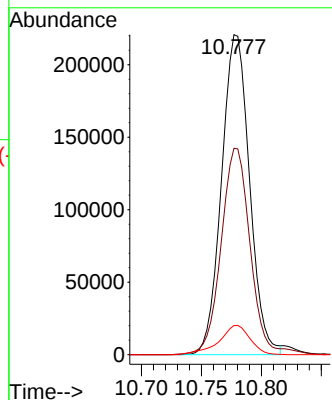
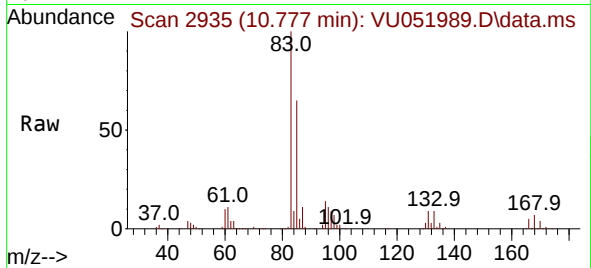




#57
1,1,2,2-Tetrachloroethane
Concen: 50.540 ug/L
RT: 10.777 min Scan# 2935
Delta R.T. -0.003 min
Lab File: VU051989.D
Acq: 20 Nov 2022 21:42

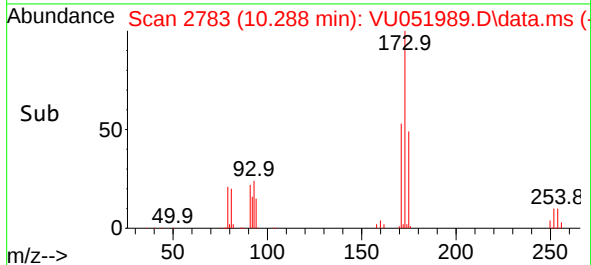
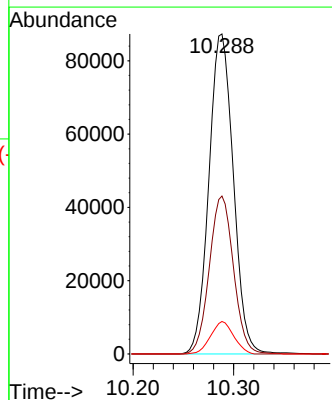
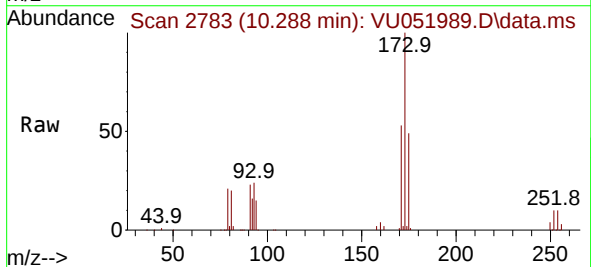
Instrument :
MSVOA_U
ClientSampleId :
ESQW0MSD

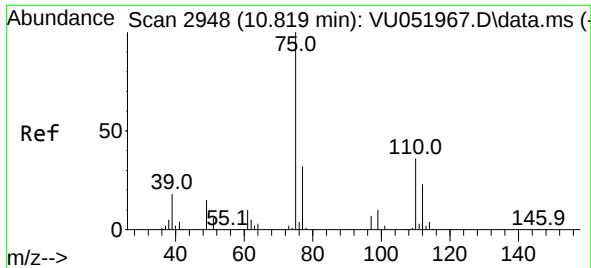
Tgt Ion: 83 Resp: 358608
Ion Ratio Lower Upper
83 100
85 64.5 44.9 83.3
131 9.1 6.8 10.2



#59
Bromoform
Concen: 48.366 ug/L
RT: 10.288 min Scan# 2783
Delta R.T. -0.000 min
Lab File: VU051989.D
Acq: 20 Nov 2022 21:42

Tgt Ion:173 Resp: 147273
Ion Ratio Lower Upper
173 100
175 48.8 38.9 58.3
254 9.6 7.4 11.2

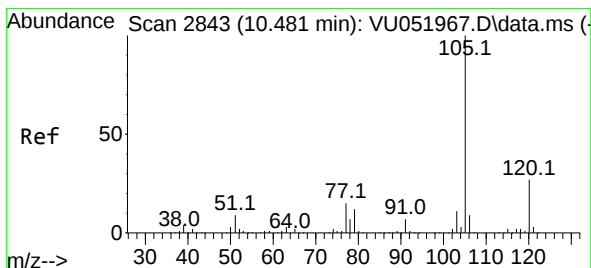
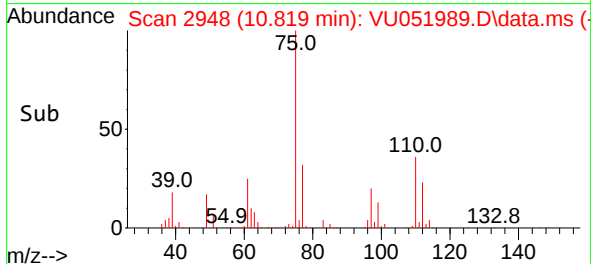
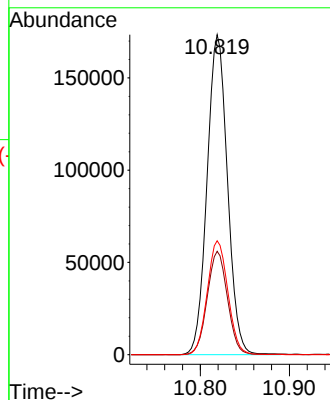
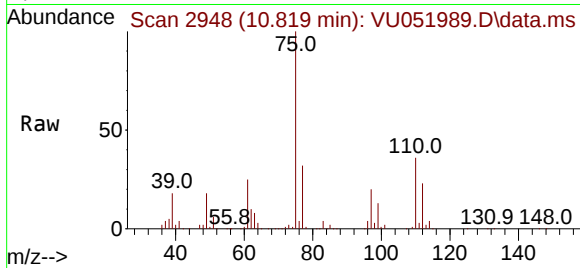




#60
1,2,3-Trichloropropane
Concen: 51.328 ug/L
RT: 10.819 min Scan# 2948
Delta R.T. -0.003 min
Lab File: VU051989.D
Acq: 20 Nov 2022 21:42

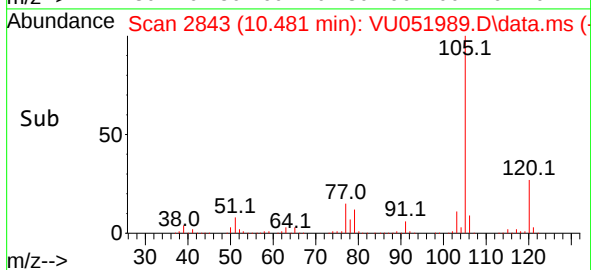
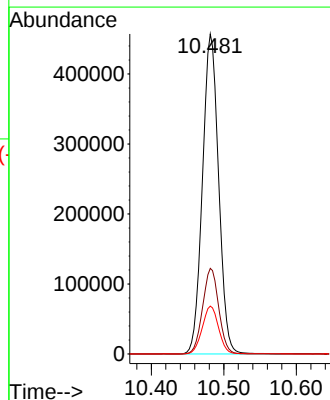
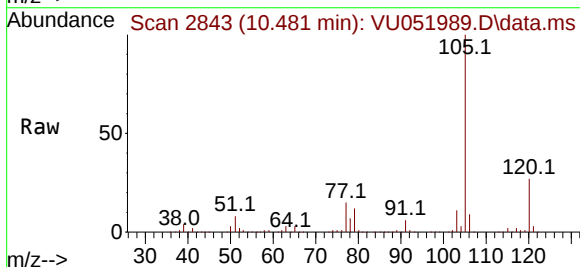
Instrument :
MSVOA_U
ClientSampleId :
ESQW0MSD

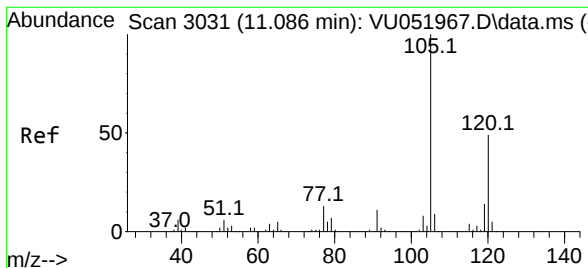
Tgt Ion: 75 Resp: 275744
Ion Ratio Lower Upper
75 100
77 32.1 26.2 39.4
110 36.0 29.0 43.4



#61
Isopropylbenzene
Concen: 53.872 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. -0.000 min
Lab File: VU051989.D
Acq: 20 Nov 2022 21:42

Tgt Ion: 105 Resp: 707108
Ion Ratio Lower Upper
105 100
120 26.7 21.1 31.7
77 15.1 12.2 18.4

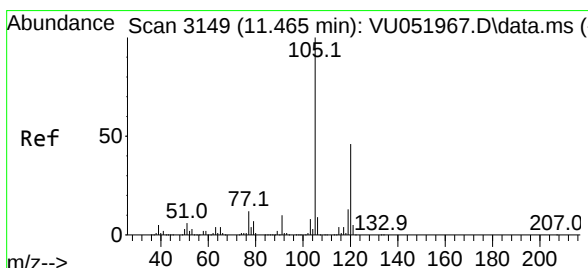
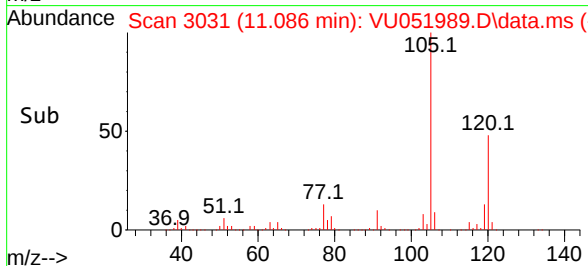
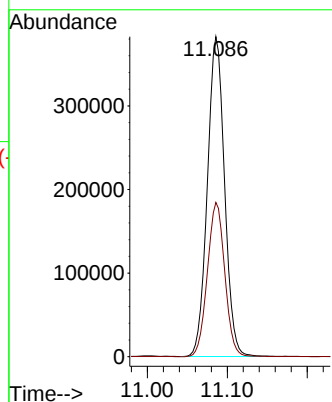
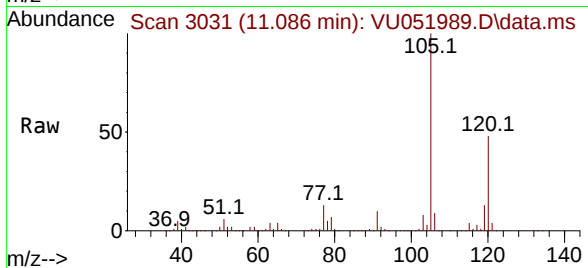




#62
1,3,5-Trimethylbenzene
Concen: 53.581 ug/L
RT: 11.086 min Scan# 3031
Delta R.T. -0.000 min
Lab File: VU051989.D
Acq: 20 Nov 2022 21:42

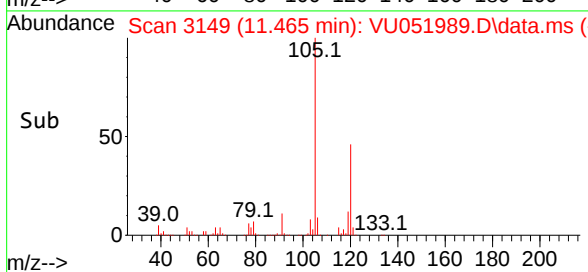
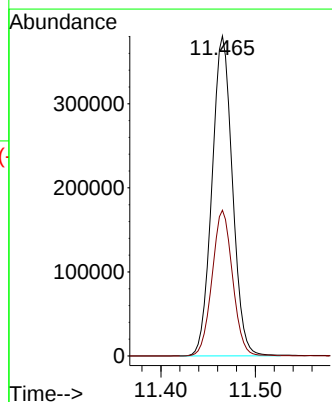
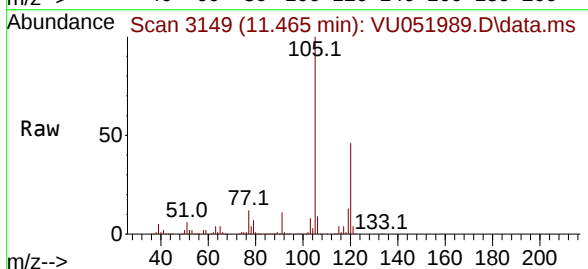
Instrument :
MSVOA_U
ClientSampleId :
ESQW0MSD

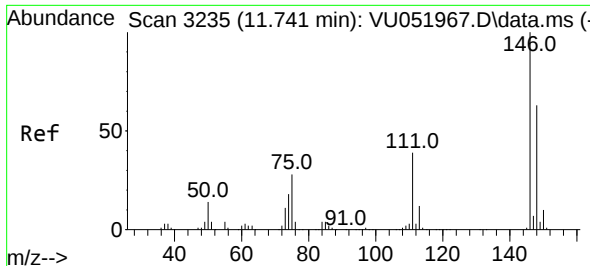
Tgt Ion:105 Resp: 573079
Ion Ratio Lower Upper
105 100
120 48.8 39.1 58.7



#63
1,2,4-Trimethylbenzene
Concen: 54.746 ug/L
RT: 11.465 min Scan# 3149
Delta R.T. -0.000 min
Lab File: VU051989.D
Acq: 20 Nov 2022 21:42

Tgt Ion:105 Resp: 572068
Ion Ratio Lower Upper
105 100
120 45.7 36.2 54.2

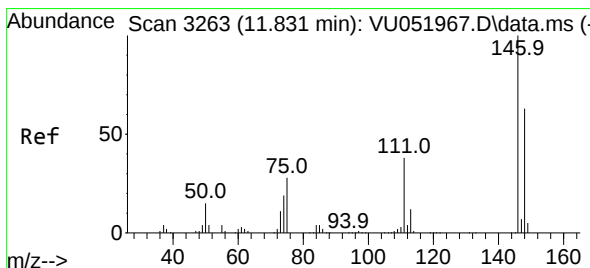
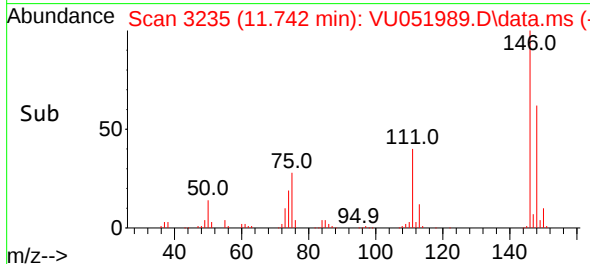
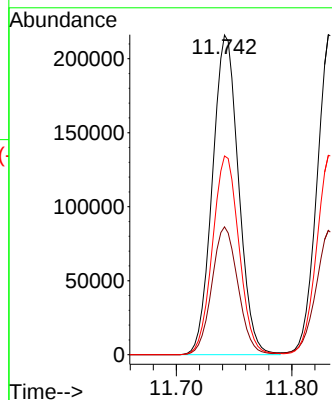
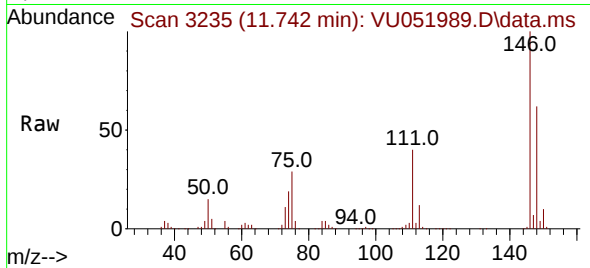




#64
1,3-Dichlorobenzene
Concen: 51.090 ug/L
RT: 11.742 min Scan# 311
Delta R.T. -0.003 min
Lab File: VU051989.D
Acq: 20 Nov 2022 21:42

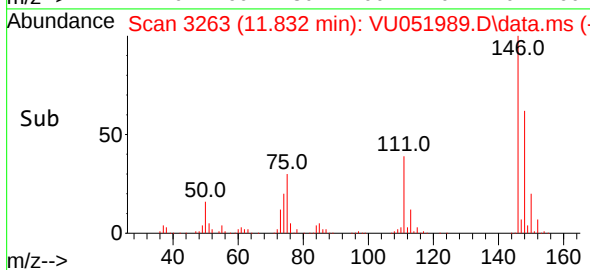
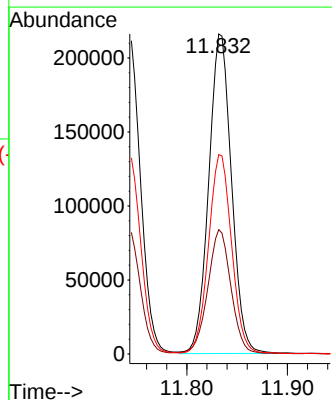
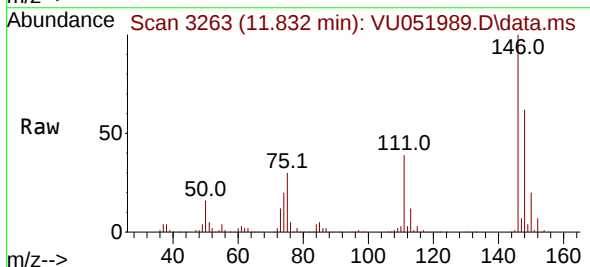
Instrument :
MSVOA_U
ClientSampleId :
ESQW0MSD

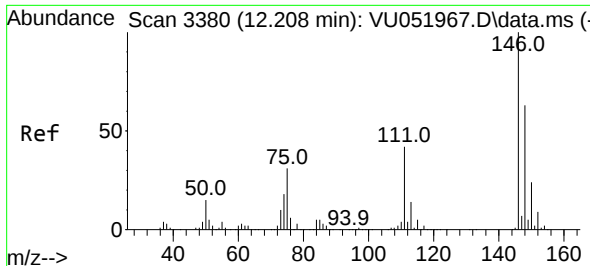
Tgt Ion:146 Resp: 339877
Ion Ratio Lower Upper
146 100
111 40.0 28.1 52.1
148 62.2 44.4 82.4



#65
1,4-Dichlorobenzene
Concen: 50.393 ug/L
RT: 11.832 min Scan# 3263
Delta R.T. -0.003 min
Lab File: VU051989.D
Acq: 20 Nov 2022 21:42

Tgt Ion:146 Resp: 339492
Ion Ratio Lower Upper
146 100
111 38.9 26.7 49.5
148 62.3 44.4 82.4

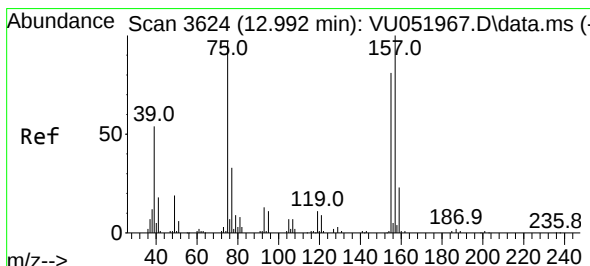
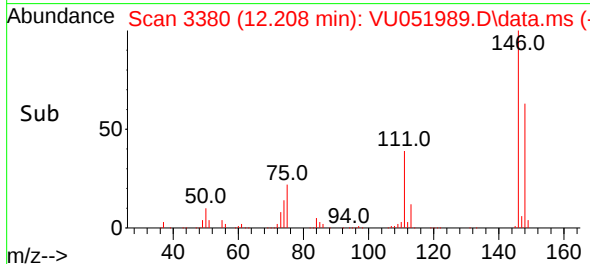
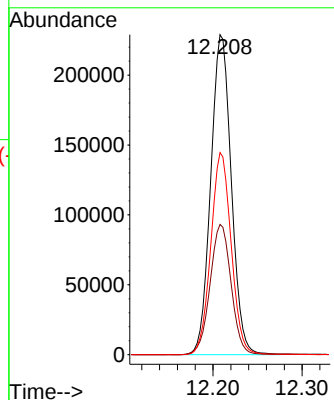
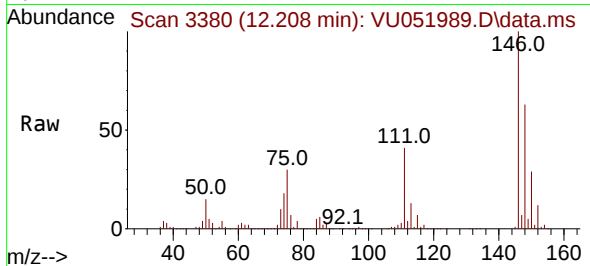




#67
1,2-Dichlorobenzene
Concen: 51.840 ug/L
RT: 12.208 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU051989.D
Acq: 20 Nov 2022 21:42

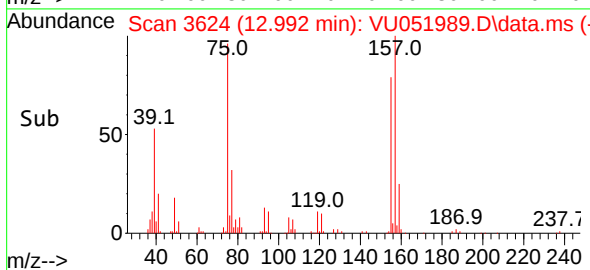
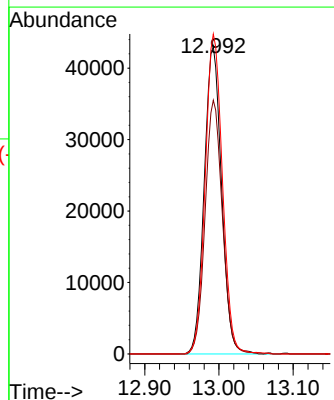
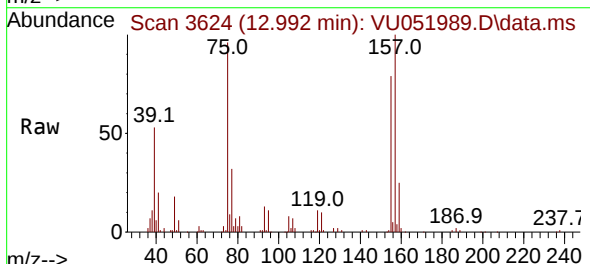
Instrument :
MSVOA_U
ClientSampleId :
ESQW0MSD

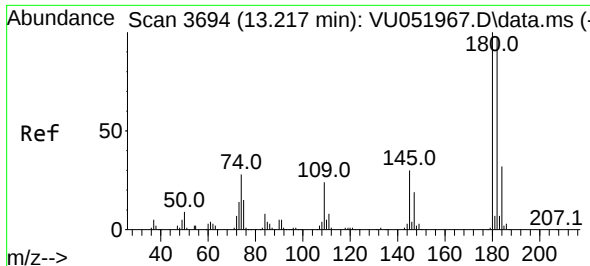
Tgt Ion:146 Resp: 366716
Ion Ratio Lower Upper
146 100
111 40.7 33.6 50.4
148 63.2 50.9 76.3



#68
1,2-Dibromo-3-chloropropane
Concen: 50.688 ug/L
RT: 12.992 min Scan# 3624
Delta R.T. -0.000 min
Lab File: VU051989.D
Acq: 20 Nov 2022 21:42

Tgt Ion: 75 Resp: 69719
Ion Ratio Lower Upper
75 100
155 82.5 63.0 94.6
157 104.0 79.4 119.0

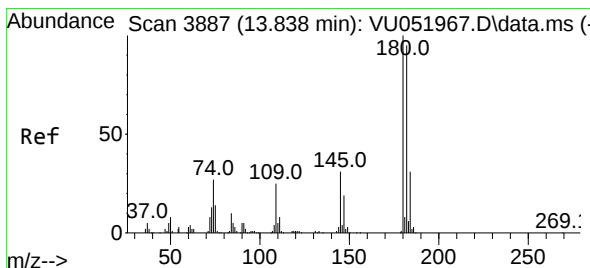
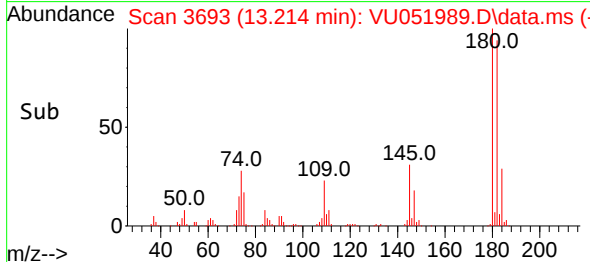
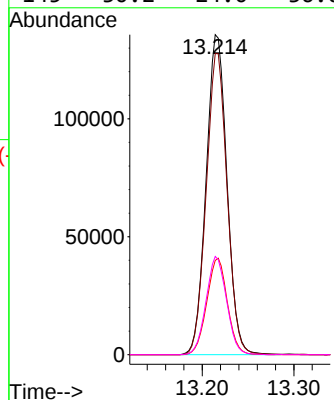
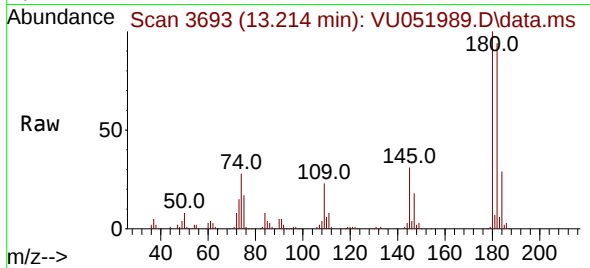




#69
 1,3,5-Trichlorobenzene
 Concen: 48.563 ug/L
 RT: 13.214 min Scan# 3693
 Delta R.T. -0.003 min
 Lab File: VU051989.D
 Acq: 20 Nov 2022 21:42

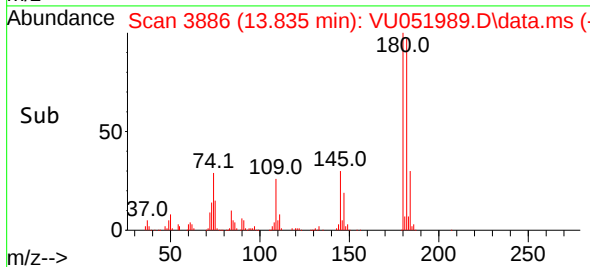
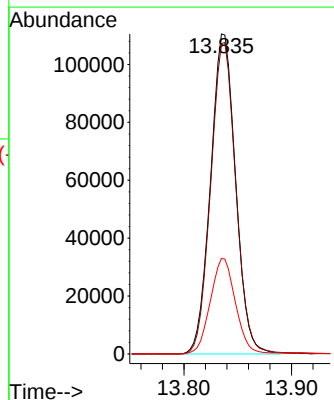
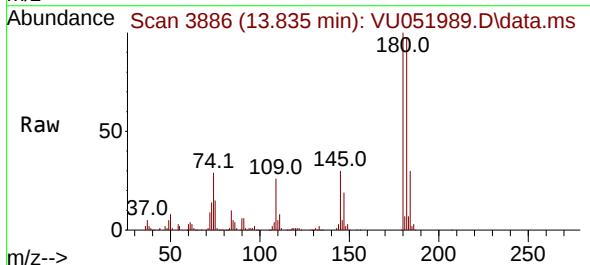
Instrument :
 MSVOA_U
 ClientSampleId :
 ESQW0MSD

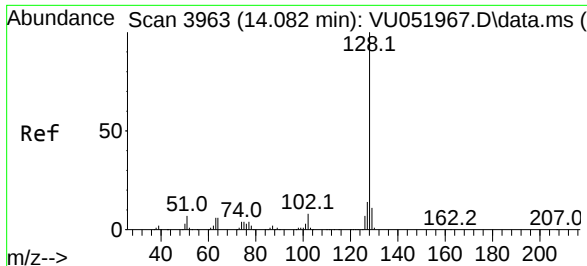
Tgt Ion:180 Resp: 214337
 Ion Ratio Lower Upper
 180 100
 182 94.3 77.0 115.4
 184 29.8 23.8 35.8
 145 30.2 24.0 36.0



#70
 1,2,4-trichlorobenzene
 Concen: 51.159 ug/L
 RT: 13.835 min Scan# 3886
 Delta R.T. -0.003 min
 Lab File: VU051989.D
 Acq: 20 Nov 2022 21:42

Tgt Ion:180 Resp: 178973
 Ion Ratio Lower Upper
 180 100
 182 97.2 76.4 114.6
 145 29.8 24.2 36.2

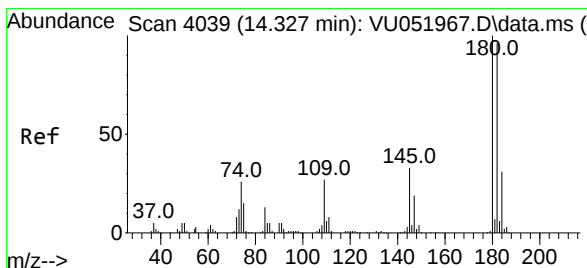
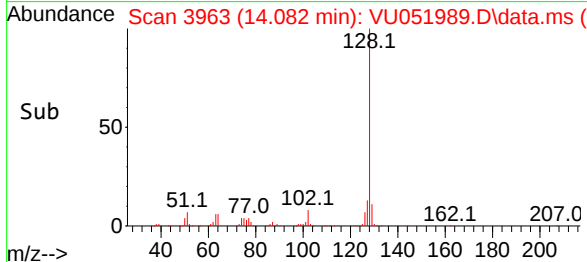
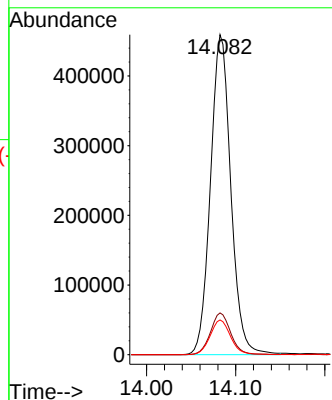
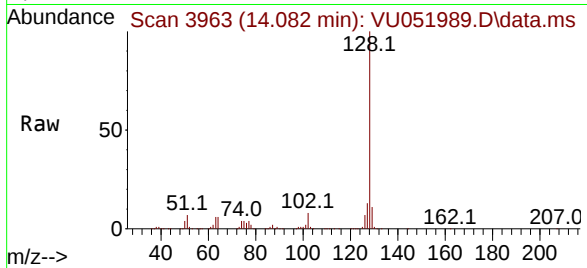




#71
Naphthalene
Concen: 63.286 ug/L
RT: 14.082 min Scan# 3963
Delta R.T. -0.003 min
Lab File: VU051989.D
Acq: 20 Nov 2022 21:42

Instrument :
MSVOA_U
ClientSampleId :
ESQW0MSD

Tgt Ion:128 Resp: 728137
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.9 8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 55.388 ug/L
RT: 14.327 min Scan# 4039
Delta R.T. -0.000 min
Lab File: VU051989.D
Acq: 20 Nov 2022 21:42

Tgt Ion:180 Resp: 212079
Ion Ratio Lower Upper
180 100
182 95.6 76.9 115.3
145 33.1 24.9 37.3

