

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100722\
 Data File : VU051242.D
 Acq On : 08 Oct 2022 01:10
 Operator : JC/MD
 Sample : N4900-06MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXFT0MSD

Quant Time: Oct 08 04:31:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 08 00:50:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	152901	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	168259	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	78763	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	57066	4.627	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.600%
7) Chloroethane-d5	1.906	69	54291	5.123	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.400%
11) 1,1-Dichloroethene-d2	2.562	65	21559	4.422	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.400%
20) 2-Butanone-d5	4.620	46	163649	60.266	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.540%
24) Chloroform-d	5.060	84	130432	5.672	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.400%
26) 1,2-Dichloroethane-d4	5.700	65	68560	5.782	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.600%
32) Benzene-d6	5.726	84	236502	5.109	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.200%
36) 1,2-Dichloropropane-d6	6.690	67	82997	5.280	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.600%
41) Toluene-d8	7.896	98	222881	5.382	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.600%
43) trans-1,3-Dichloroprop...	8.179	79	27610	5.346	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	107.000%
46) 2-Hexanone-d5	8.629	63	97401	55.957	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.920%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	74094	5.900	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	118.000%
66) 1,2-Dichlorobenzene-d4	12.192	152	72164	5.271	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	58230	4.669	ug/L	100
3) Chloromethane	1.520	50	93037	5.312	ug/L	98
5) Vinyl chloride	1.601	62	88941	5.178	ug/L	96
6) Bromomethane	1.848	94	57636	6.161	ug/L	99
8) Chloroethane	1.928	64	59663	5.446	ug/L	99
9) Trichlorofluoromethane	2.134	101	96979	4.898	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	55587	4.677	ug/L	98
12) 1,1-Dichloroethene	2.578	96	53611	4.808	ug/L	90
13) Acetone	2.623	43	124574	61.166	ug/L	98
14) Carbon disulfide	2.790	76	171817	5.031	ug/L	99
15) Methyl Acetate	2.948	43	27490	5.552	ug/L	99
16) Methylene chloride	3.041	84	79433	4.824	ug/L	93
17) Methyl tert-butyl Ether	3.359	73	144795	5.669	ug/L	99
18) trans-1,2-Dichloroethene	3.350	96	61604	5.252	ug/L	97
19) 1,1-Dichloroethane	3.867	63	139984	5.783	ug/L	97
21) 2-Butanone	4.700	43	193555	60.302	ug/L	98
22) cis-1,2-Dichloroethene	4.665	96	74795	5.756	ug/L	97
23) Bromochloromethane	4.970	128	37215	6.003	ug/L	97
25) Chloroform	5.086	83	145725	5.763	ug/L	99

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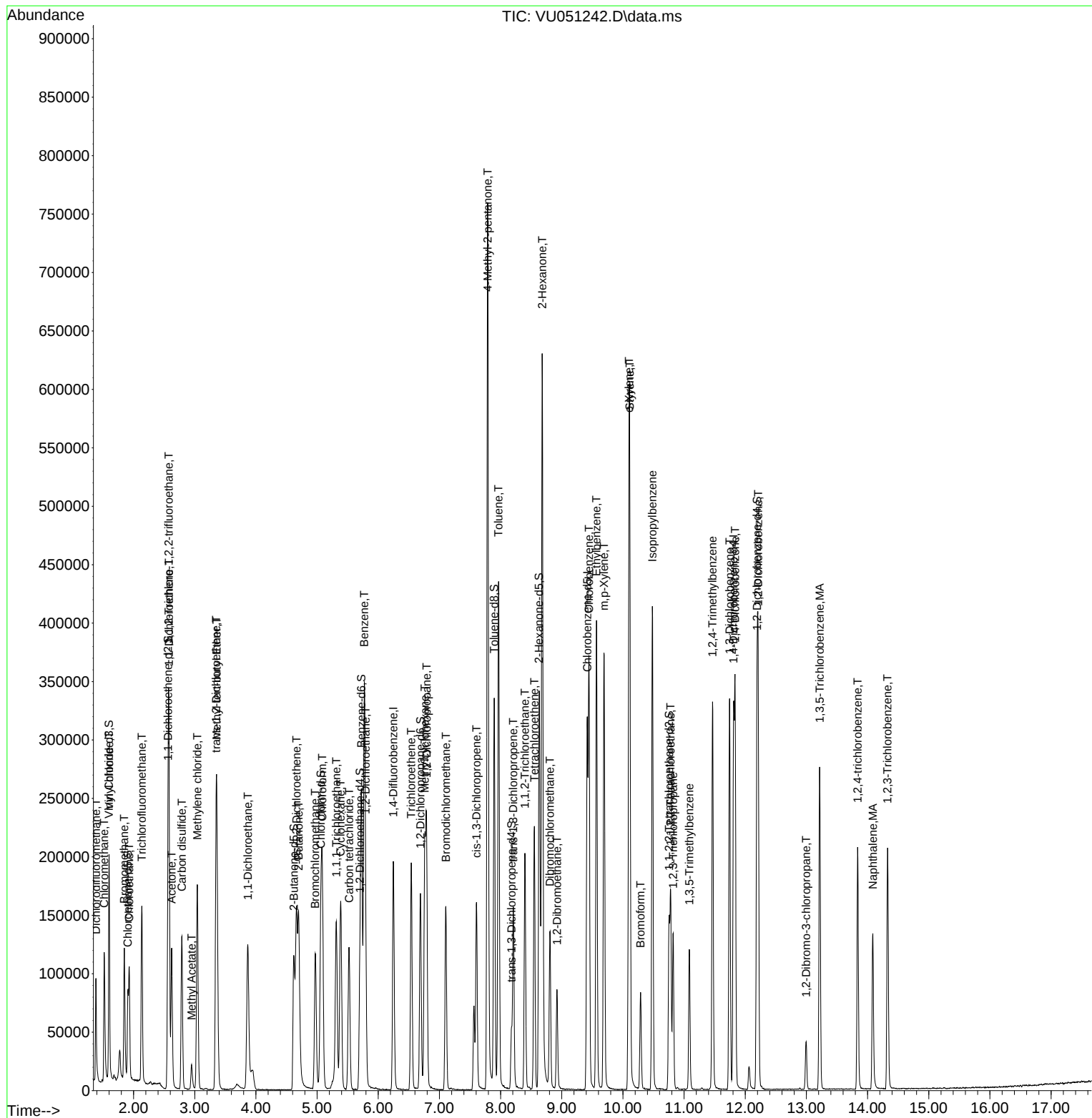
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	91035	6.011	ug/L	98
29) 1,1,1-Trichloroethane	5.314	97	102995	5.109	ug/L	98
30) Cyclohexane	5.385	56	64893	3.795	ug/L	97
31) Carbon tetrachloride	5.523	117	82985	4.864	ug/L	99
33) Benzene	5.771	78	301987	5.376	ug/L	100
34) Trichloroethene	6.539	95	68423	4.883	ug/L	97
35) Methylcyclohexane	6.761	83	65197	3.688	ug/L	96
37) 1,2-Dichloropropane	6.790	63	83902	5.450	ug/L	99
38) Bromodichloromethane	7.105	83	103491	5.635	ug/L	97
39) cis-1,3-Dichloropropene	7.607	75	95553	5.163	ug/L	98
40) 4-Methyl-2-pentanone	7.790	43	474718	58.770	ug/L	98
42) Toluene	7.967	91	319658	5.361	ug/L	100
44) trans-1,3-Dichloropropene	8.208	75	86228	5.388	ug/L	96
45) 1,1,2-Trichloroethane	8.398	97	62712	5.801	ug/L	97
47) Tetrachloroethene	8.552	164	47532	4.613	ug/L	98
48) 2-Hexanone	8.681	43	371272	61.731	ug/L	98
49) Dibromochloromethane	8.809	129	67887	5.593	ug/L	100
50) 1,2-Dibromoethane	8.922	107	56269	5.848	ug/L	99
51) Chlorobenzene	9.446	112	194750	5.467	ug/L	99
52) Ethylbenzene	9.568	91	264353	4.934	ug/L	98
53) m,p-Xylene	9.693	106	101534	4.886	ug/L	98
54) o-Xylene	10.099	106	104751	5.327	ug/L	95
55) Styrene	10.111	104	178968	5.288	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	83980	6.276	ug/L	97
59) Bromoform	10.288	173	36613	5.588	ug/L	98
60) Isopropylbenzene	10.481	105	246602	4.943	ug/L	100
61) 1,2,3-Trichloropropane	10.822	75	58214	5.853	ug/L	98
62) 1,3,5-Trimethylbenzene	11.086	105	62266	4.705	ug/L	100
63) 1,2,4-Trimethylbenzene	11.465	105	174705	4.668	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	134226	5.439	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	129182	5.311	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	132834	5.537	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.996	75	11474	6.031	ug/L	93
69) 1,3,5-Trichlorobenzene	13.217	180	84056	4.942	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	61455	5.084	ug/L	97
71) Naphthalene	14.086	128	110626	4.923	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	63885	5.109	ug/L	98

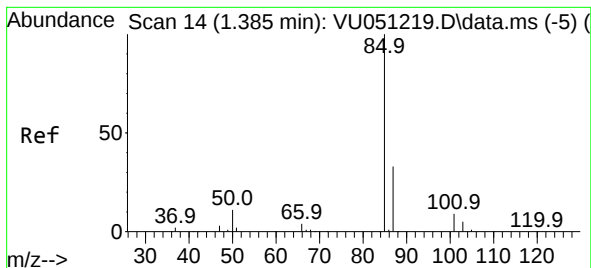
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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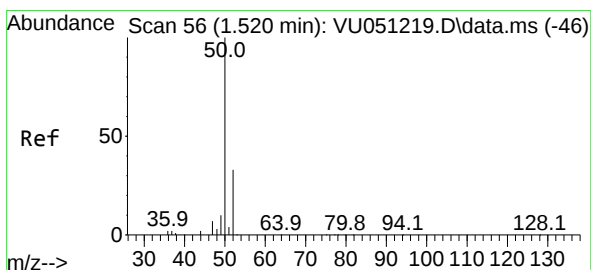
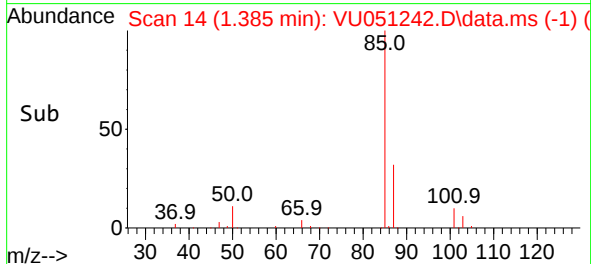
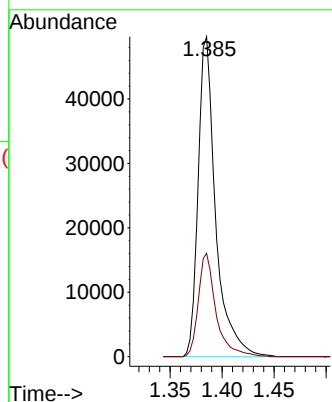
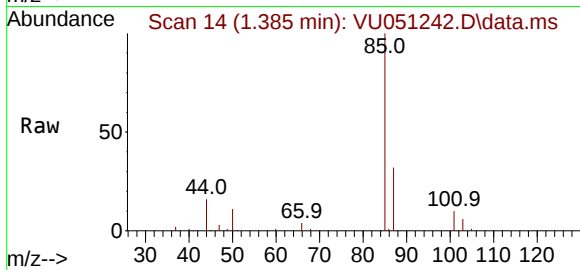




#2
Dichlorodifluoromethane
Concen: 4.669 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU051242.D
Acq: 08 Oct 2022 01:10

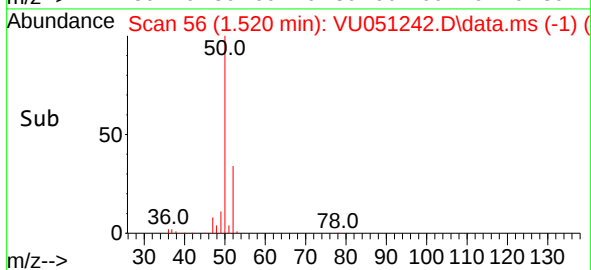
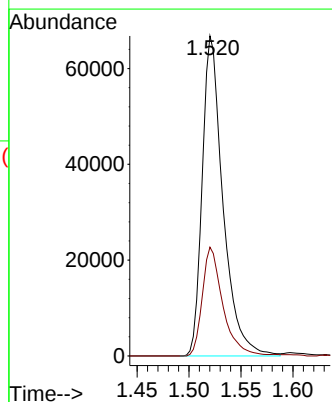
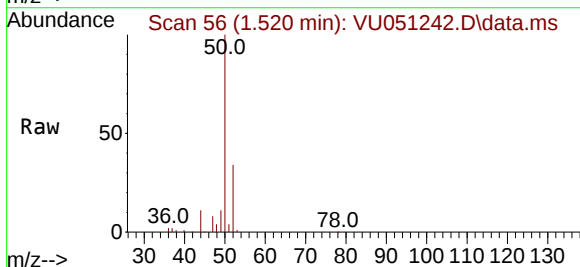
Instrument :
MSVOA_U
ClientSampleId :
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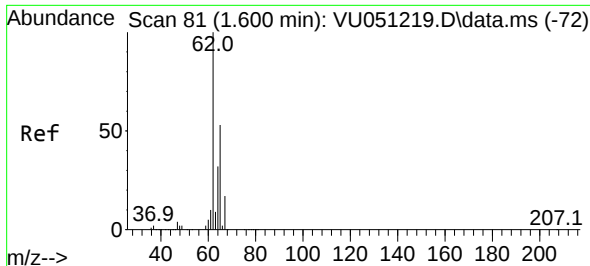
Tgt Ion: 85 Resp: 58230
Ion Ratio Lower Upper
85 100
87 32.6 26.2 39.4



#3
Chloromethane
Concen: 5.312 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU051242.D
Acq: 08 Oct 2022 01:10

Tgt Ion: 50 Resp: 93037
Ion Ratio Lower Upper
50 100
52 34.0 22.9 42.5

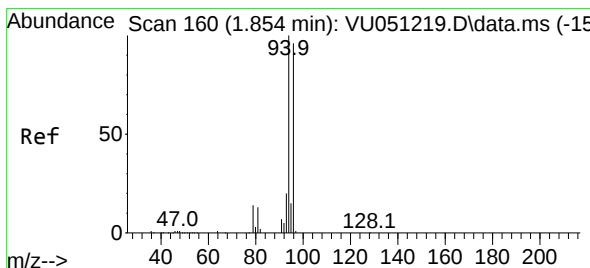
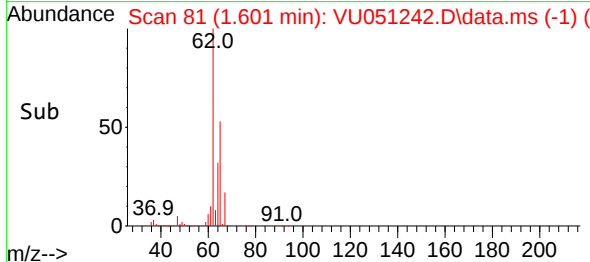
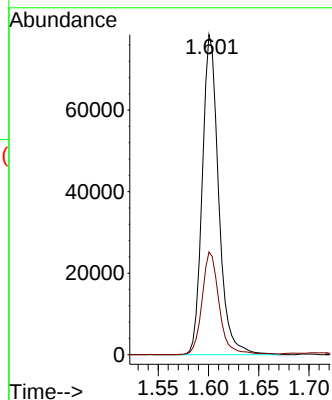
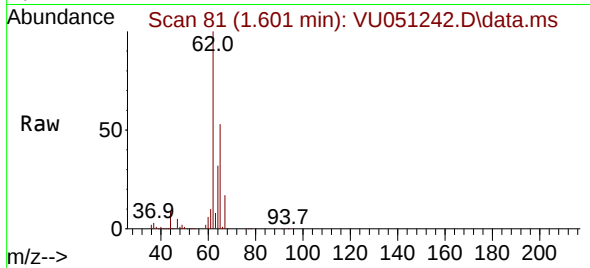




#5
 Vinyl chloride
 Concen: 5.178 ug/L
 RT: 1.601 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU051242.D
 Acq: 08 Oct 2022 01:10

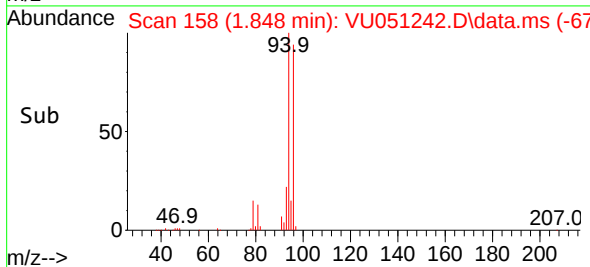
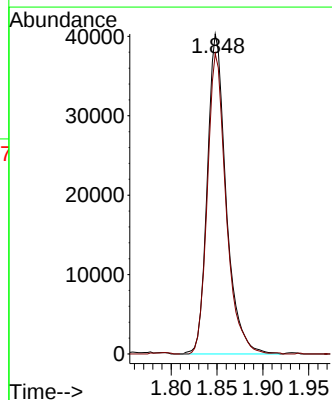
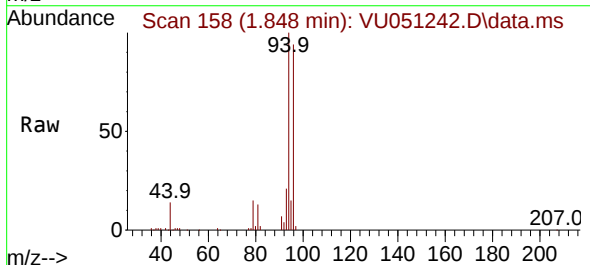
Instrument :
 MSVOA_U
 ClientSampleId :
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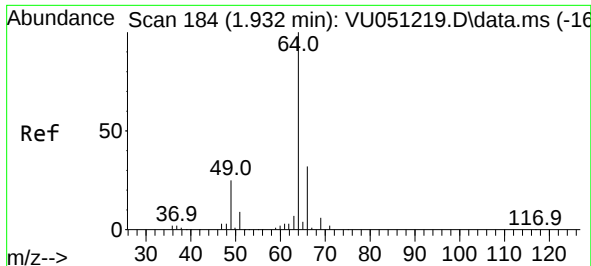
Tgt Ion: 62 Resp: 88941
 Ion Ratio Lower Upper
 62 100
 64 32.1 24.0 44.6



#6
 Bromomethane
 Concen: 6.161 ug/L
 RT: 1.848 min Scan# 158
 Delta R.T. -0.006 min
 Lab File: VU051242.D
 Acq: 08 Oct 2022 01:10

Tgt Ion: 94 Resp: 57636
 Ion Ratio Lower Upper
 94 100
 96 93.9 64.9 120.5

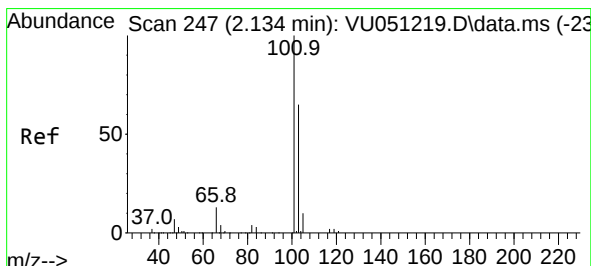
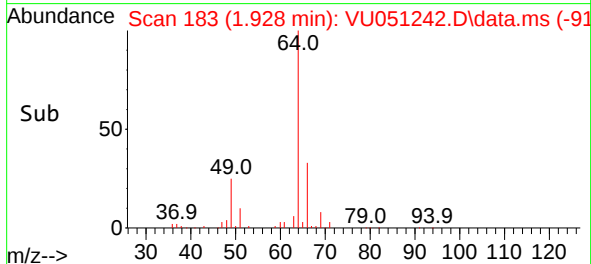
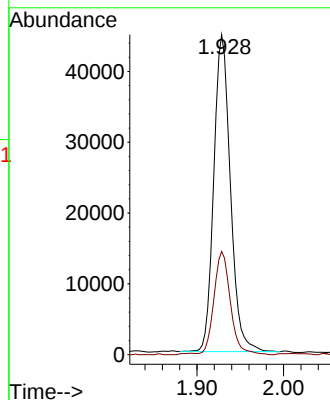
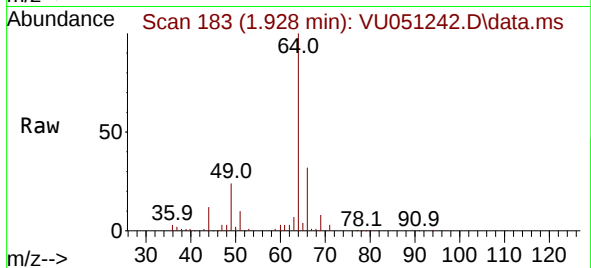




#8
Chloroethane
Concen: 5.446 ug/L
RT: 1.928 min Scan# 184
Delta R.T. -0.003 min
Lab File: VU051242.D
Acq: 08 Oct 2022 01:10

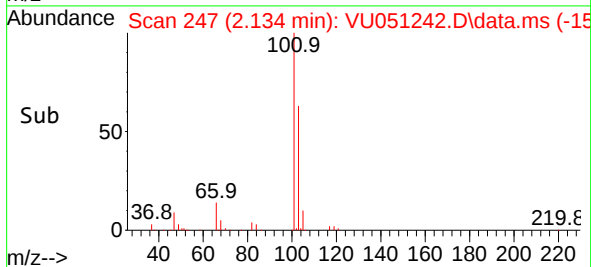
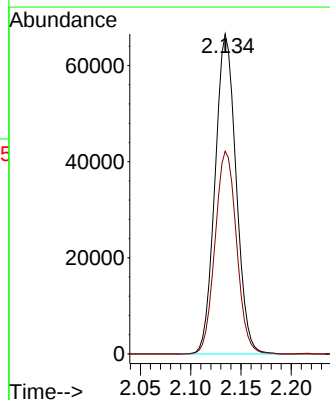
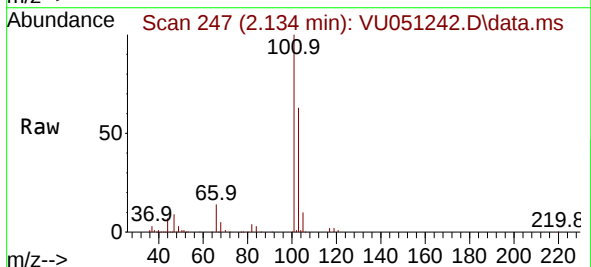
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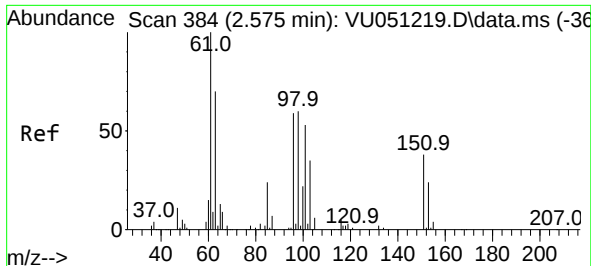
Tgt Ion: 64 Resp: 59663
Ion Ratio Lower Upper
64 100
66 32.2 22.3 41.3



#9
Trichlorofluoromethane
Concen: 4.898 ug/L
RT: 2.134 min Scan# 247
Delta R.T. 0.000 min
Lab File: VU051242.D
Acq: 08 Oct 2022 01:10

Tgt Ion: 101 Resp: 96979
Ion Ratio Lower Upper
101 100
103 64.7 52.2 78.2

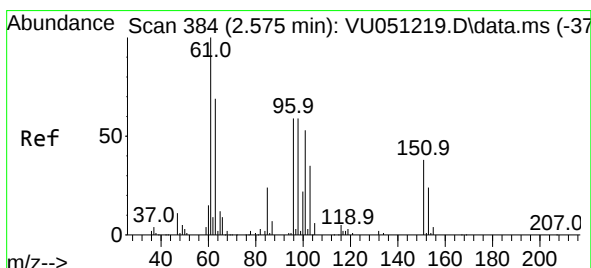
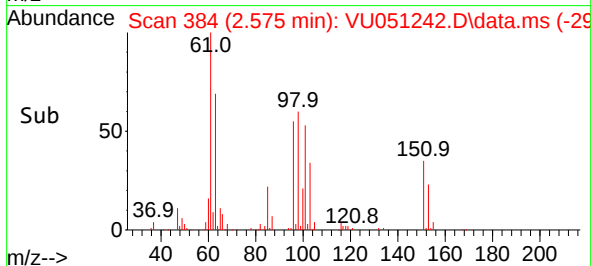
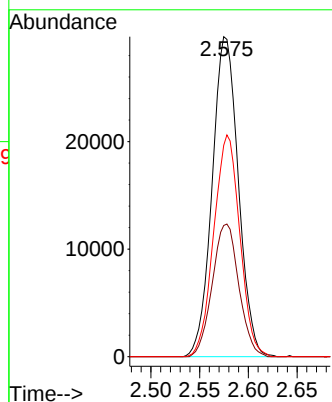
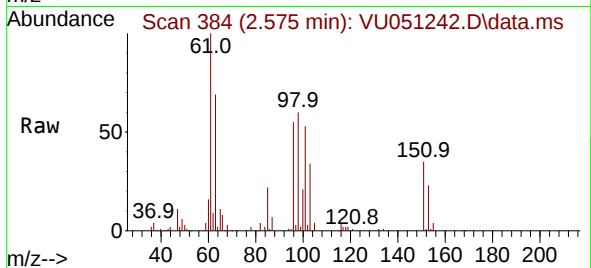




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.677 ug/L
RT: 2.575 min Scan# 384
Delta R.T. 0.000 min
Lab File: VU051242.D
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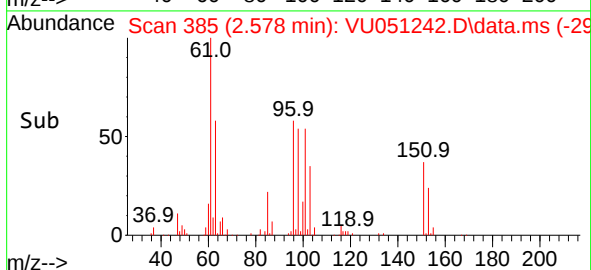
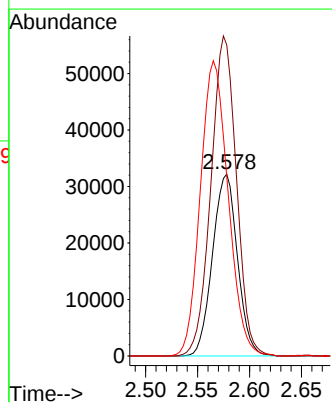
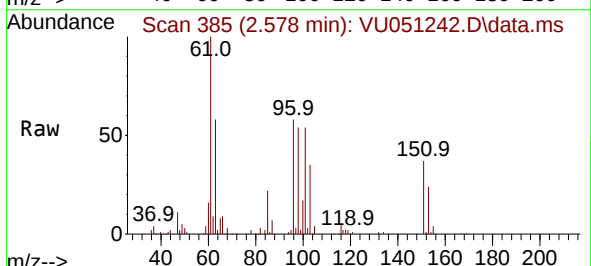
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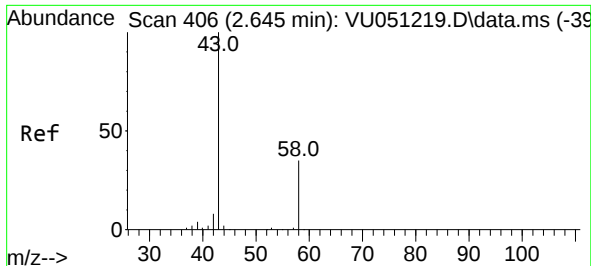
Tgt Ion: 101 Resp: 55587
Ion Ratio Lower Upper
101 100
85 42.0 34.6 51.8
151 69.0 56.5 84.7



#12
1,1-Dichloroethene
Concen: 4.808 ug/L
RT: 2.578 min Scan# 385
Delta R.T. 0.003 min
Lab File: VU051242.D
Acq: 08 Oct 2022 01:10

Tgt Ion: 96 Resp: 53611
Ion Ratio Lower Upper
96 100
61 171.0 117.6 218.4
63 98.5 85.2 158.2





#13

Acetone

Concen: 61.166 ug/L

RT: 2.623 min Scan# 399

Delta R.T. -0.022 min

Lab File: VU051242.D

Acq: 08 Oct 2022 01:10

Instrument :

MSVOA_U

ClientSampleId :

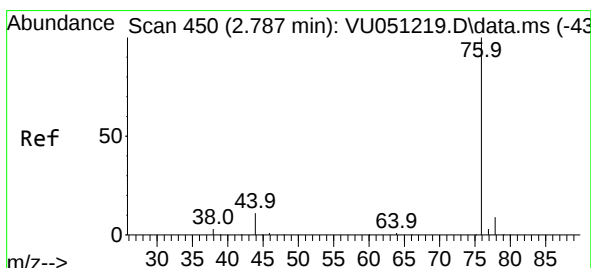
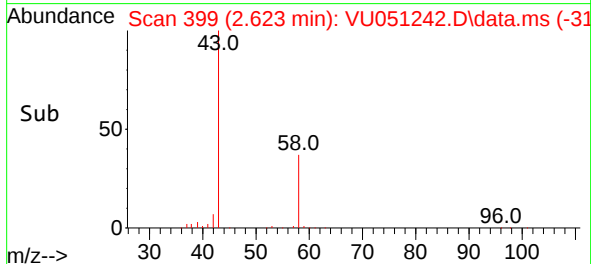
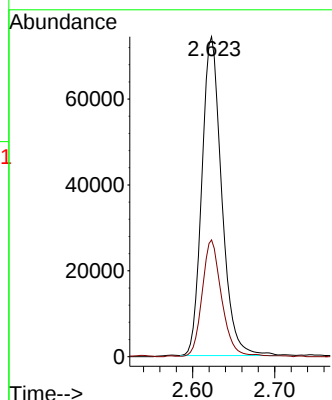
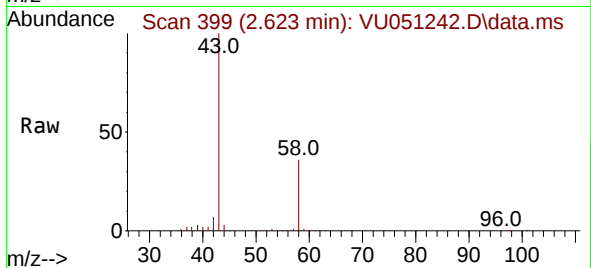
EXFT0MSD

Tgt Ion: 43 Resp: 124574

Ion Ratio Lower Upper

43 100

58 35.6 0.0 68.8



#14

Carbon disulfide

Concen: 5.031 ug/L

RT: 2.790 min Scan# 451

Delta R.T. 0.003 min

Lab File: VU051242.D

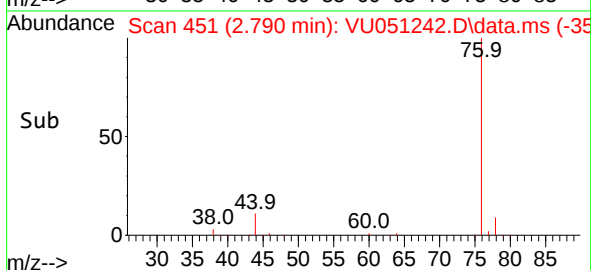
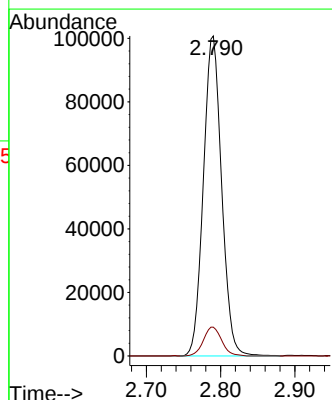
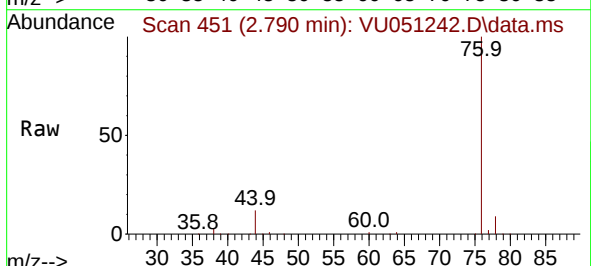
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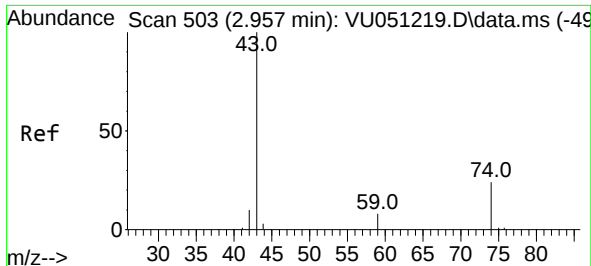
Tgt Ion: 76 Resp: 171817

Ion Ratio Lower Upper

76 100

78 9.0 7.0 10.4

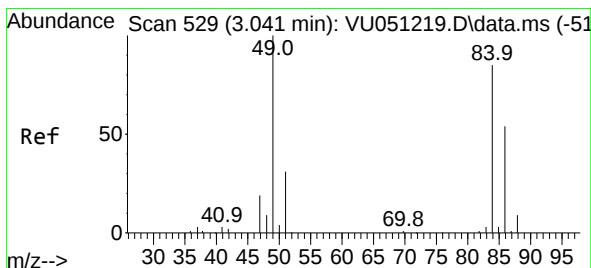
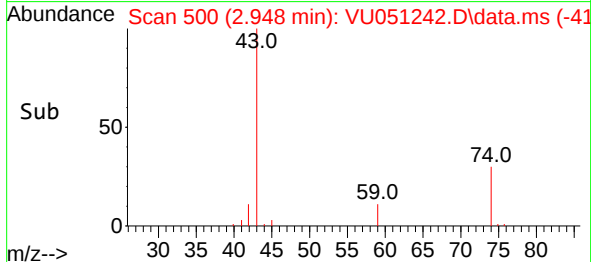
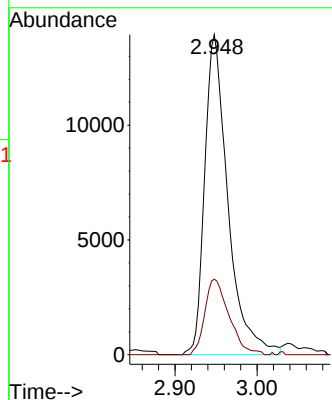
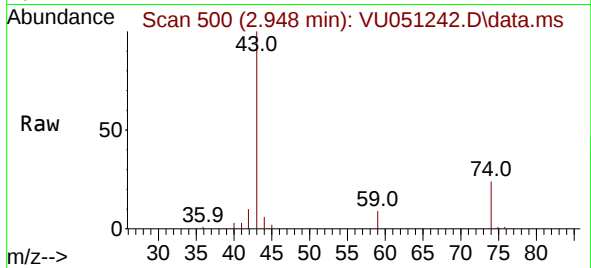




#15
Methyl Acetate
Concen: 5.552 ug/L
RT: 2.948 min Scan# 503
Delta R.T. -0.010 min
Lab File: VU051242.D
Acq: 08 Oct 2022 01:10

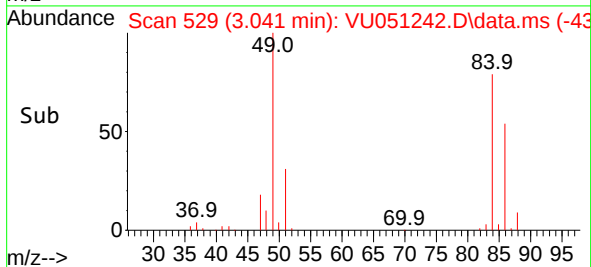
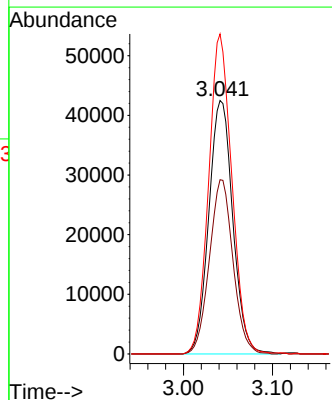
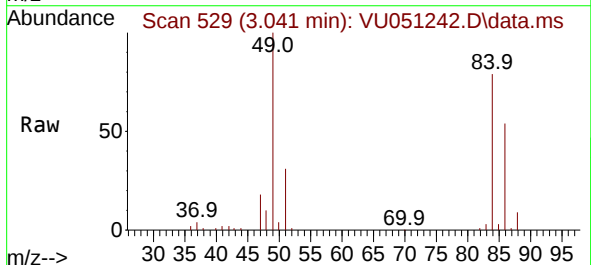
Instrument :
MSVOA_U
ClientSampleId :
EXFTOMSD

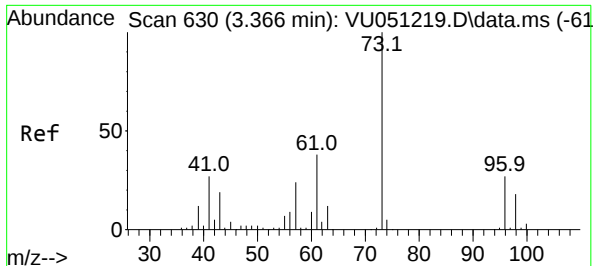
Tgt Ion: 43 Resp: 27490
Ion Ratio Lower Upper
43 100
74 24.5 20.0 30.0



#16
Methylene chloride
Concen: 4.824 ug/L
RT: 3.041 min Scan# 529
Delta R.T. 0.000 min
Lab File: VU051242.D
Acq: 08 Oct 2022 01:10

Tgt Ion: 84 Resp: 79433
Ion Ratio Lower Upper
84 100
86 68.8 46.5 86.3
49 126.3 81.3 151.1





#17

Methyl tert-butyl Ether

Concen: 5.669 ug/L

RT: 3.359 min Scan# 61

Delta R.T. -0.006 min

Lab File: VU051242.D

Acq: 08 Oct 2022 01:10

Instrument :

MSVOA_U

ClientSampleId :

EXFTOMSD

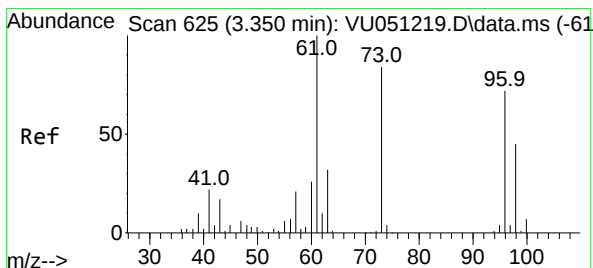
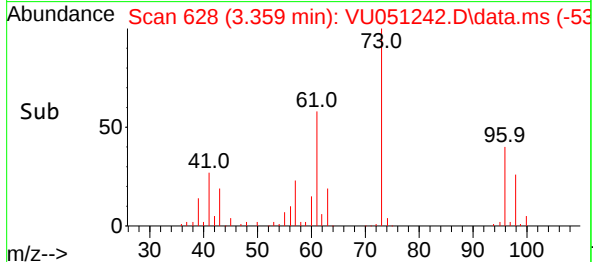
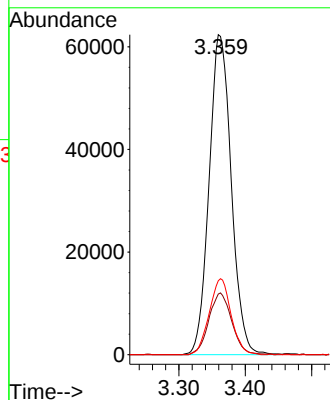
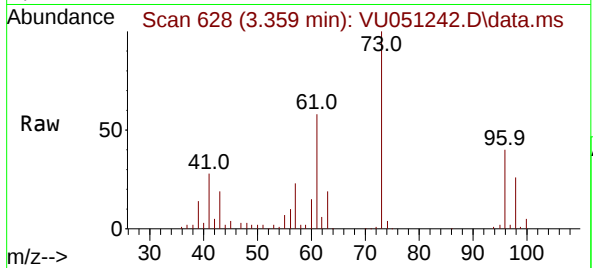
Tgt Ion: 73 Resp: 144795

Ion Ratio Lower Upper

73 100

43 20.0 15.4 23.0

57 23.3 18.9 28.3



#18

trans-1,2-Dichloroethene

Concen: 5.252 ug/L

RT: 3.350 min Scan# 625

Delta R.T. 0.000 min

Lab File: VU051242.D

Acq: 08 Oct 2022 01:10

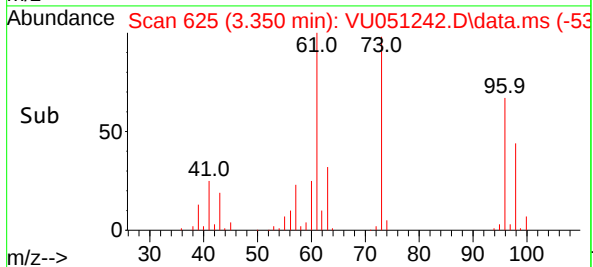
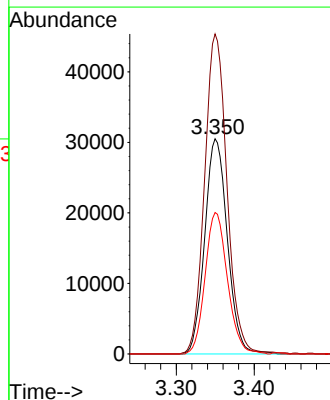
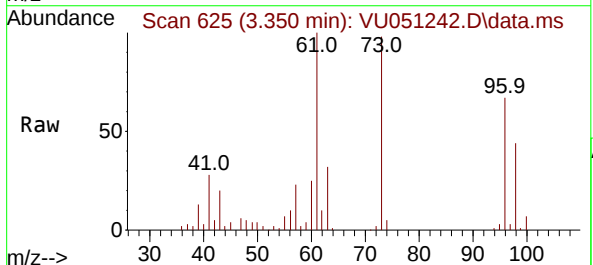
Tgt Ion: 96 Resp: 61604

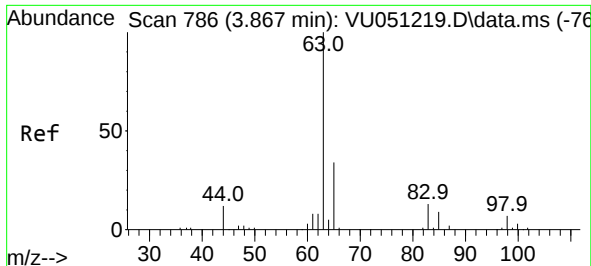
Ion Ratio Lower Upper

96 100

61 148.7 101.4 188.2

98 65.7 44.9 83.5

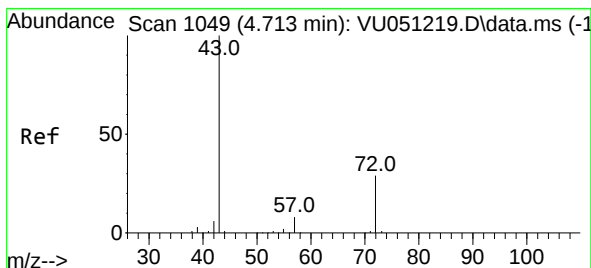
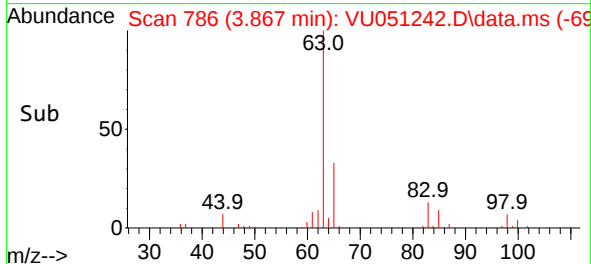
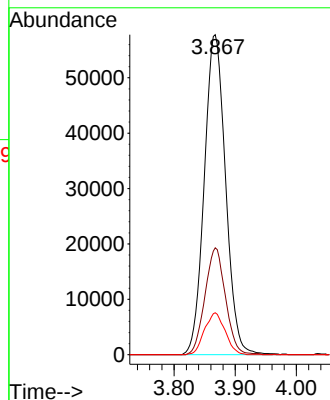
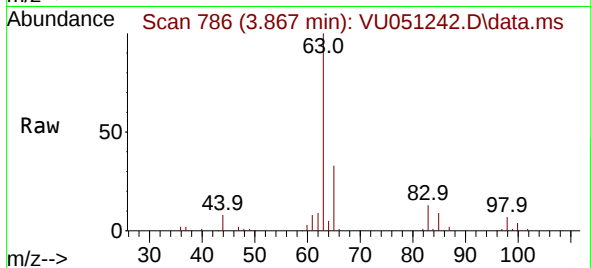




#19
1,1-Dichloroethane
Concen: 5.783 ug/L
RT: 3.867 min Scan# 786
Delta R.T. 0.000 min
Lab File: VU051242.D
Acq: 08 Oct 2022 01:10

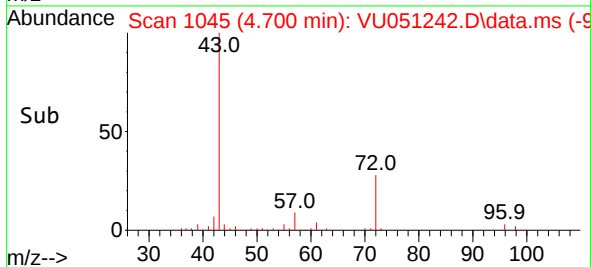
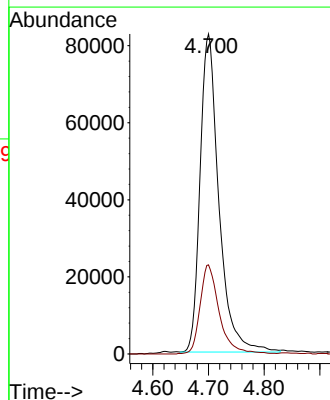
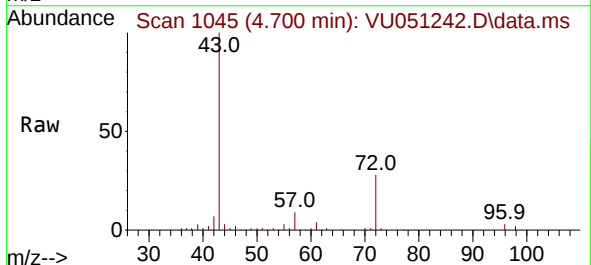
Instrument :
MSVOA_U
ClientSampleId :
EXFT0MSD

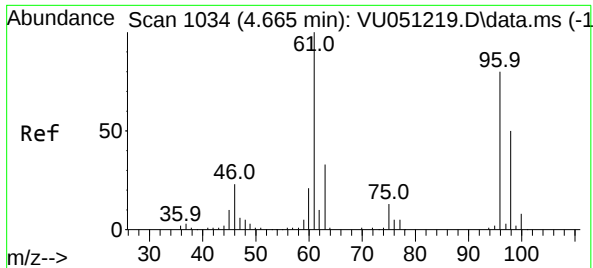
Tgt Ion: 63 Resp: 139984
Ion Ratio Lower Upper
63 100
65 33.4 22.0 41.0
83 13.1 9.0 16.6



#21
2-Butanone
Concen: 60.302 ug/L
RT: 4.700 min Scan# 1045
Delta R.T. -0.013 min
Lab File: VU051242.D
Acq: 08 Oct 2022 01:10

Tgt Ion: 43 Resp: 193555
Ion Ratio Lower Upper
43 100
72 28.6 13.8 41.4

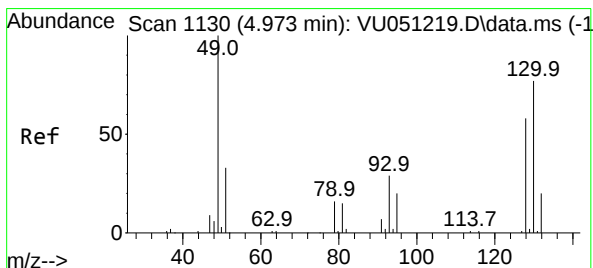
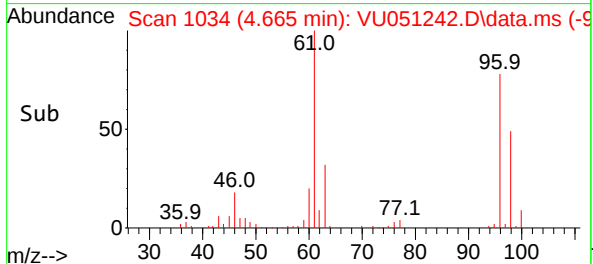
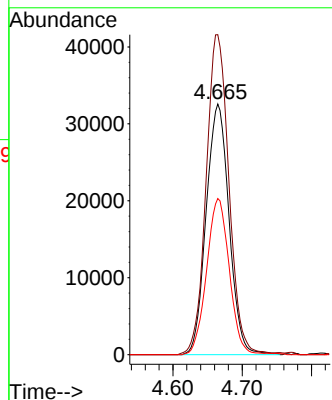
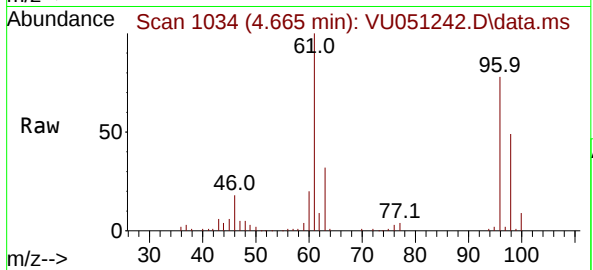




#22
 cis-1,2-Dichloroethene
 Concen: 5.756 ug/L
 RT: 4.665 min Scan# 1129
 Delta R.T. 0.000 min
 Lab File: VU051242.D
 Acq: 08 Oct 2022 01:10

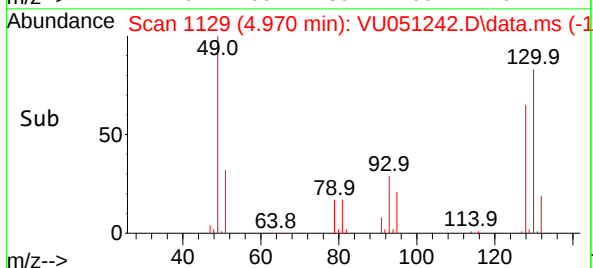
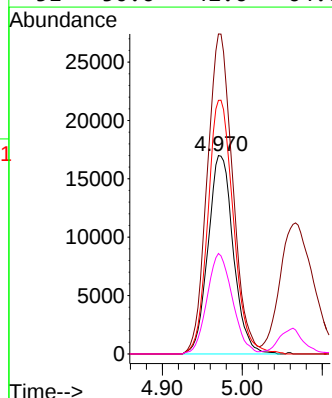
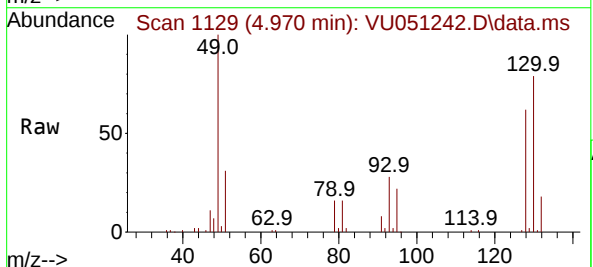
Instrument :
 MSVOA_U
 ClientSampleId :
 EXFTOMSD

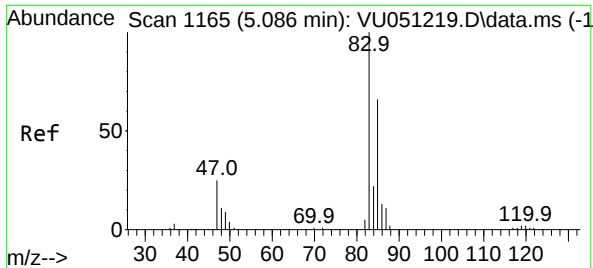
Tgt Ion: 96 Resp: 74795
 Ion Ratio Lower Upper
 96 100
 61 127.6 90.6 168.2
 98 62.3 47.5 88.3



#23
 Bromochloromethane
 Concen: 6.003 ug/L
 RT: 4.970 min Scan# 1129
 Delta R.T. -0.003 min
 Lab File: VU051242.D
 Acq: 08 Oct 2022 01:10

Tgt Ion: 128 Resp: 37215
 Ion Ratio Lower Upper
 128 100
 49 161.3 118.0 219.2
 130 127.8 88.8 164.8
 51 50.6 42.6 64.0

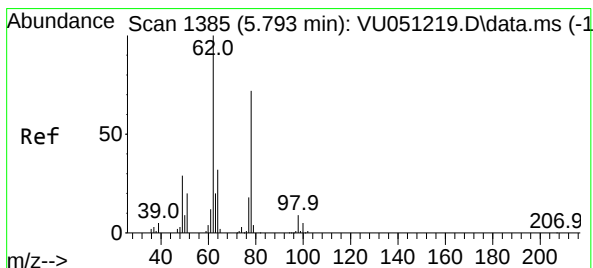
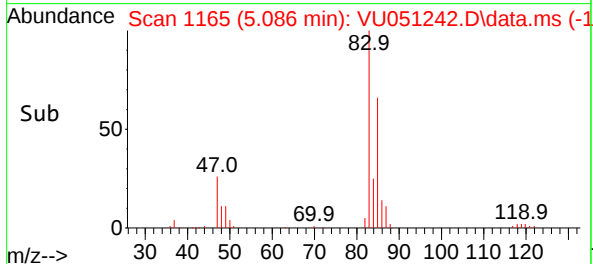
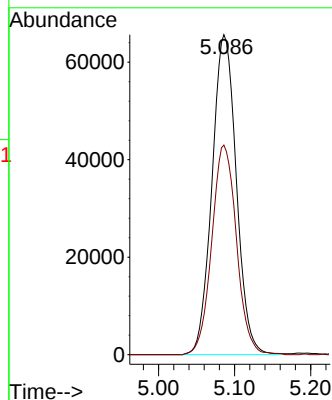
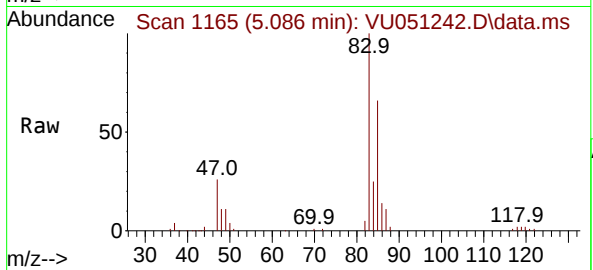




#25
Chloroform
Concen: 5.763 ug/L
RT: 5.086 min Scan# 1165
Delta R.T. 0.000 min
Lab File: VU051242.D
Acq: 08 Oct 2022 01:10

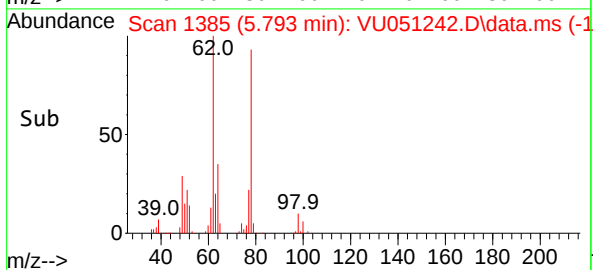
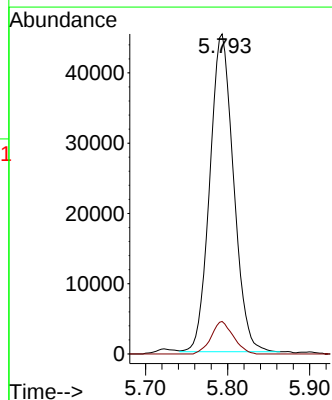
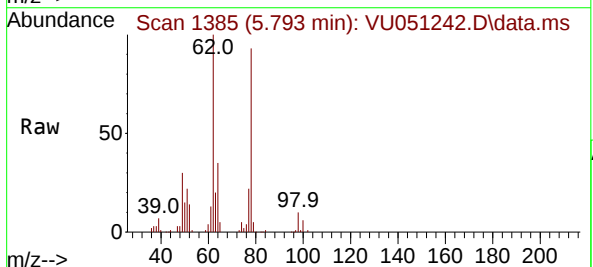
Instrument :
MSVOA_U
ClientSampleId :
EXFTOMSD

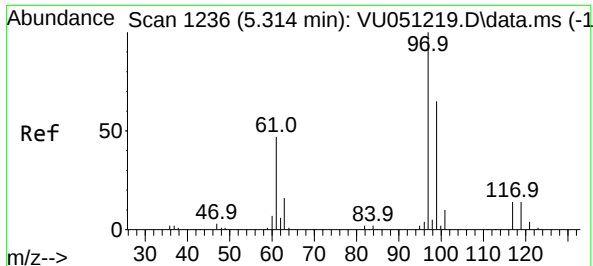
Tgt Ion: 83 Resp: 145725
Ion Ratio Lower Upper
83 100
85 65.5 45.6 84.6



#27
1,2-Dichloroethane
Concen: 6.011 ug/L
RT: 5.793 min Scan# 1385
Delta R.T. 0.000 min
Lab File: VU051242.D
Acq: 08 Oct 2022 01:10

Tgt Ion: 62 Resp: 91035
Ion Ratio Lower Upper
62 100
98 10.2 7.7 11.5

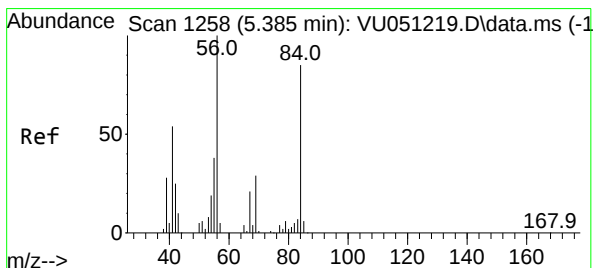
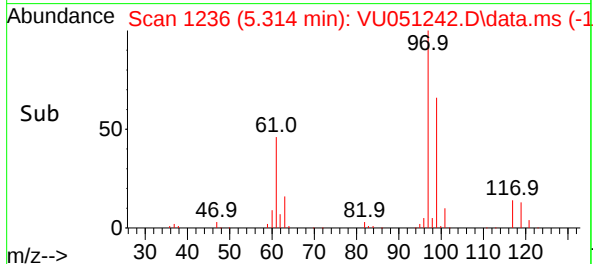
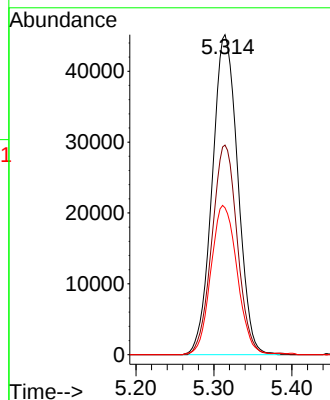
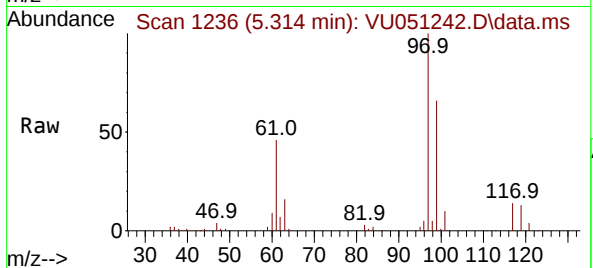




#29
1,1,1-Trichloroethane
Concen: 5.109 ug/L
RT: 5.314 min Scan# 1236
Delta R.T. 0.000 min
Lab File: VU051242.D
Acq: 08 Oct 2022 01:10

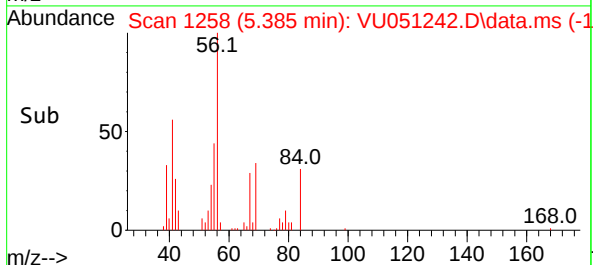
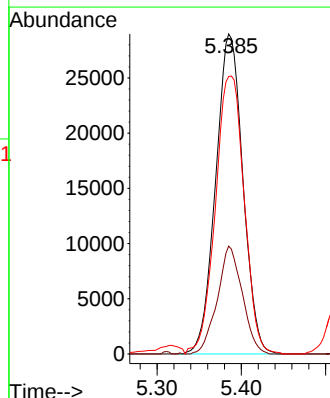
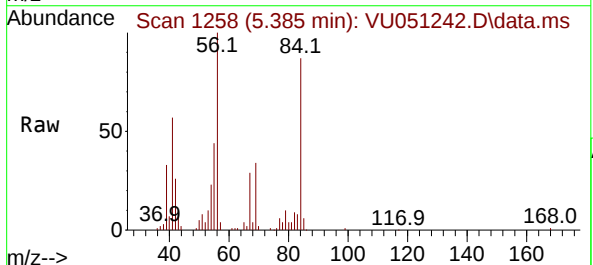
Instrument :
MSVOA_U
ClientSampleId :
EXFT0MSD

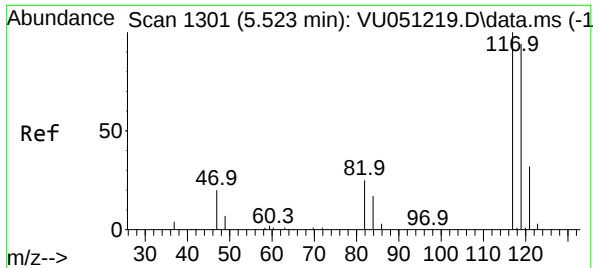
Tgt Ion: 97 Resp: 102995
Ion Ratio Lower Upper
97 100
99 64.8 50.2 75.4
61 48.0 38.7 58.1



#30
Cyclohexane
Concen: 3.795 ug/L
RT: 5.385 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VU051242.D
Acq: 08 Oct 2022 01:10

Tgt Ion: 56 Resp: 64893
Ion Ratio Lower Upper
56 100
69 30.9 25.1 37.7
84 91.6 70.9 106.3

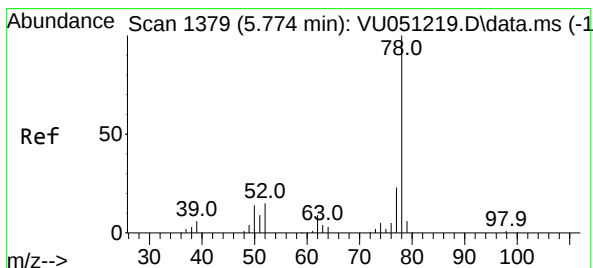
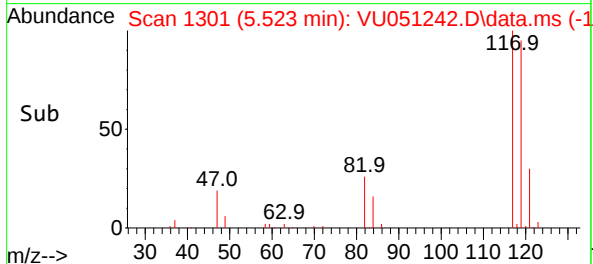
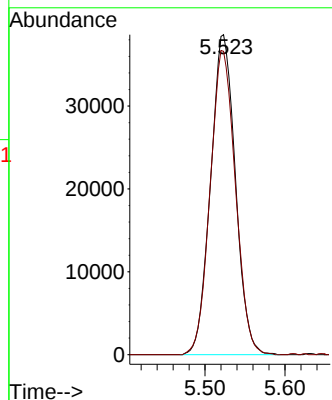
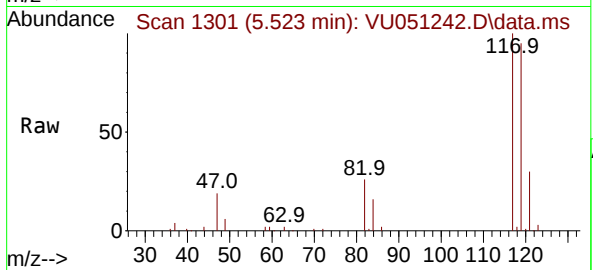




#31
Carbon tetrachloride
Concen: 4.864 ug/L
RT: 5.523 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU051242.D
Acq: 08 Oct 2022 01:10

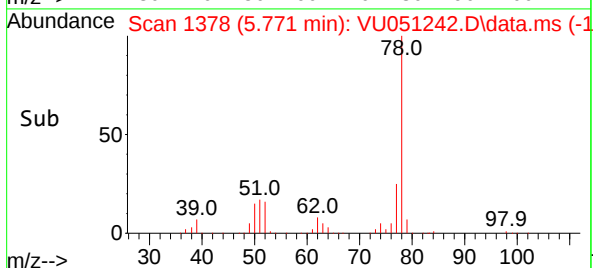
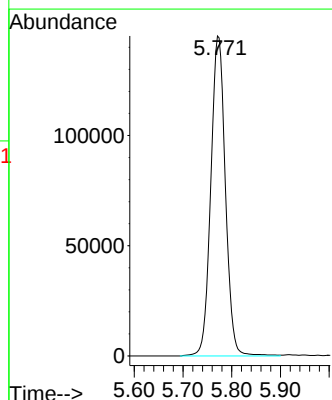
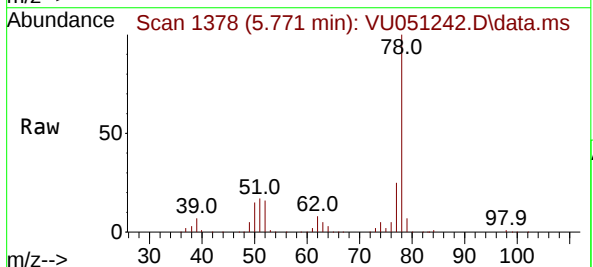
Instrument :
MSVOA_U
ClientSampleId :
EXFT0MSD

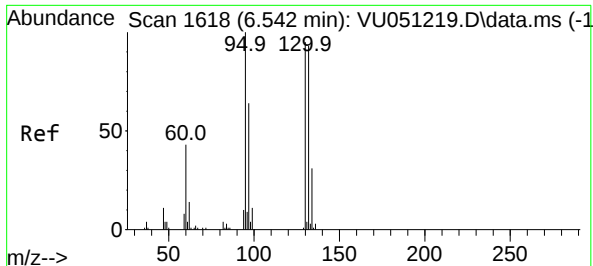
Tgt Ion:117 Resp: 82985
Ion Ratio Lower Upper
117 100
119 96.9 78.4 117.6



#33
Benzene
Concen: 5.376 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.003 min
Lab File: VU051242.D
Acq: 08 Oct 2022 01:10

Tgt Ion: 78 Resp: 301987





#34

Trichloroethene

Concen: 4.883 ug/L

RT: 6.539 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU051242.D

Acq: 08 Oct 2022 01:10

Instrument :

MSVOA_U

ClientSampleId :

EXFT0MSD

Tgt Ion: 95 Resp: 68423

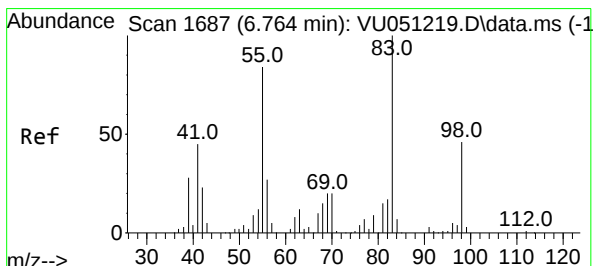
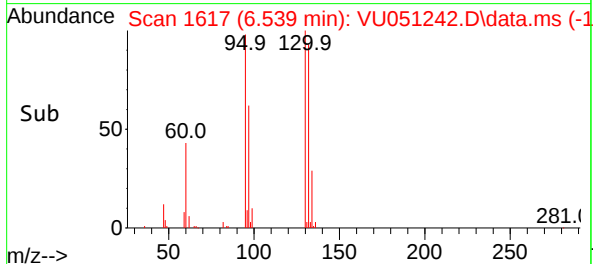
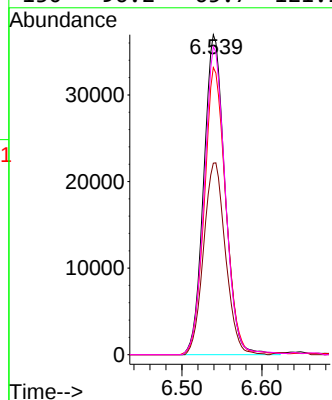
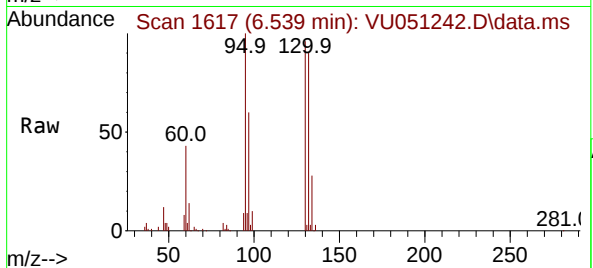
Ion Ratio Lower Upper

95 100

97 59.8 45.4 84.2

132 89.8 63.1 117.3

130 96.2 65.7 121.9



#35

Methylcyclohexane

Concen: 3.688 ug/L

RT: 6.761 min Scan# 1686

Delta R.T. -0.003 min

Lab File: VU051242.D

Acq: 08 Oct 2022 01:10

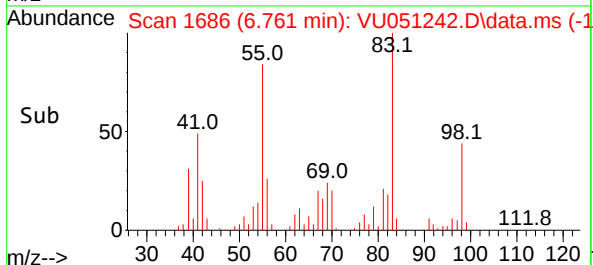
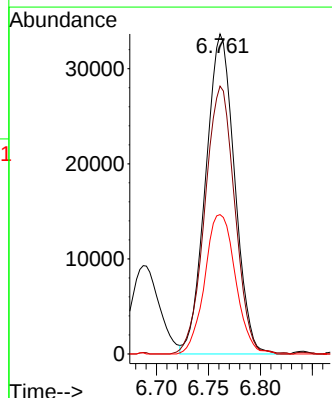
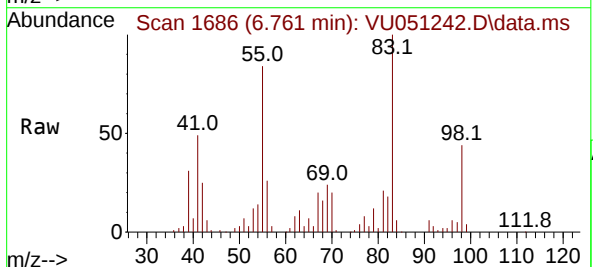
Tgt Ion: 83 Resp: 65197

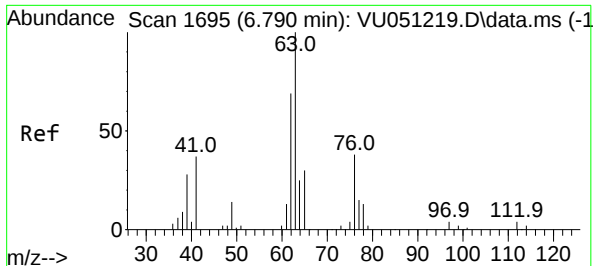
Ion Ratio Lower Upper

83 100

55 86.5 65.8 98.6

98 46.2 35.9 53.9





#37

1,2-Dichloropropane

Concen: 5.450 ug/L

RT: 6.790 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU051242.D

Acq: 08 Oct 2022 01:10

Instrument :

MSVOA_U

ClientSampleId :

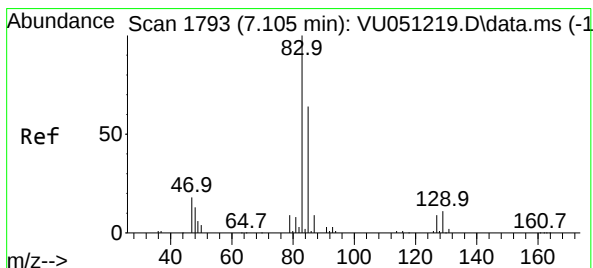
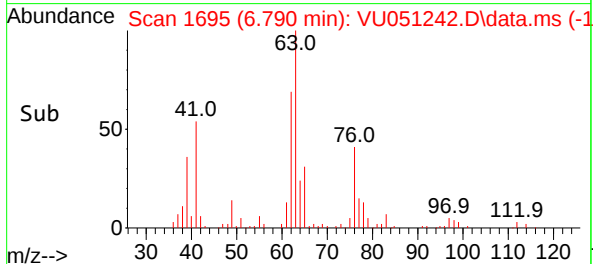
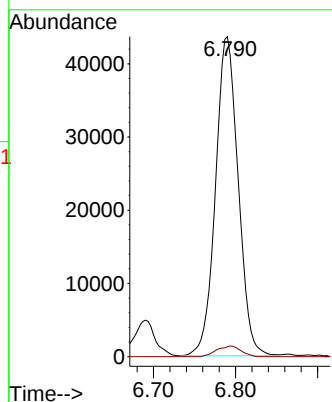
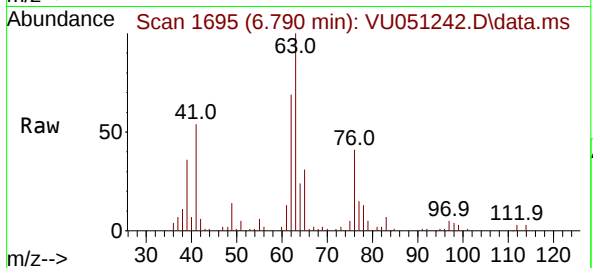
EXFT0MSD

Tgt Ion: 63 Resp: 83902

Ion Ratio Lower Upper

63 100

112 3.6 3.2 4.8



#38

Bromodichloromethane

Concen: 5.635 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VU051242.D

Acq: 08 Oct 2022 01:10

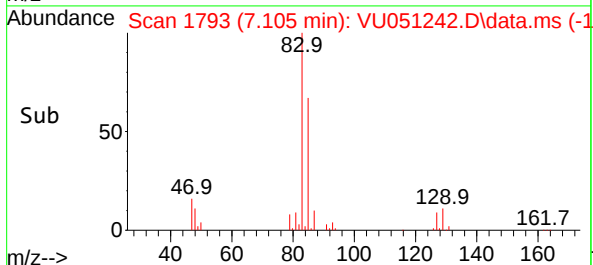
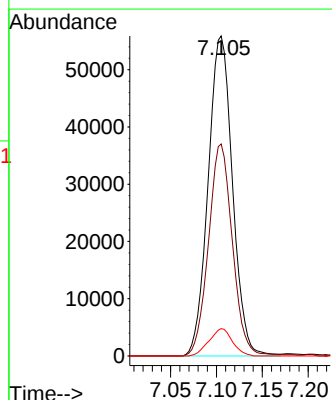
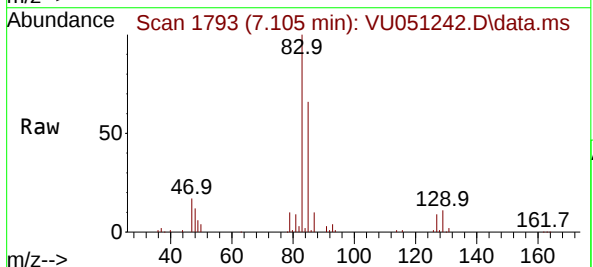
Tgt Ion: 83 Resp: 103491

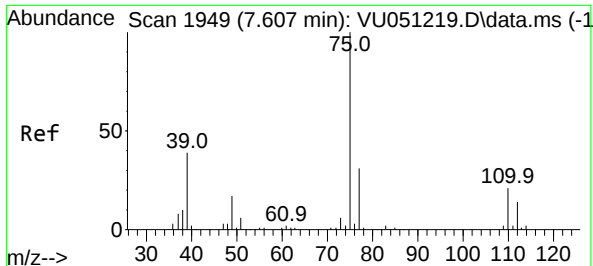
Ion Ratio Lower Upper

83 100

85 66.3 44.8 83.2

127 8.6 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 5.163 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU051242.D

Acq: 08 Oct 2022 01:10

Instrument :

MSVOA_U

ClientSampleId :

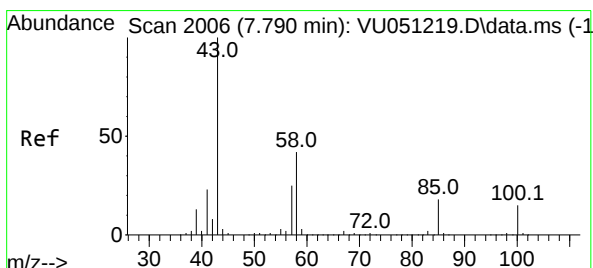
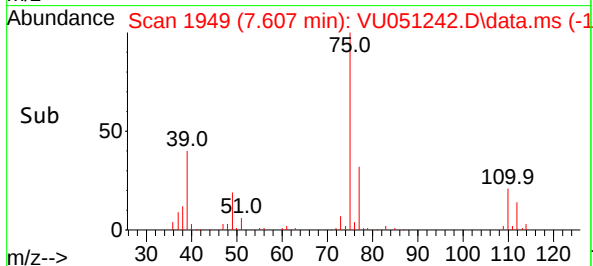
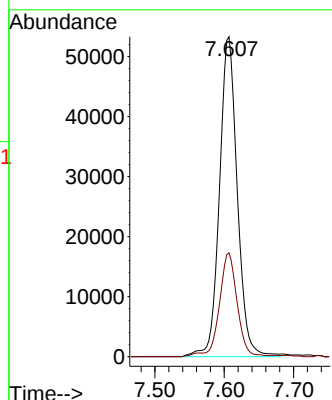
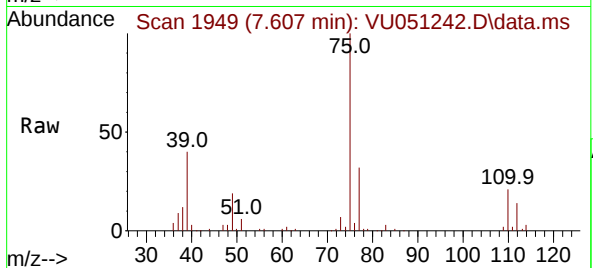
EXFT0MSD

Tgt Ion: 75 Resp: 95553

Ion Ratio Lower Upper

75 100

77 32.4 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 58.770 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VU051242.D

Acq: 08 Oct 2022 01:10

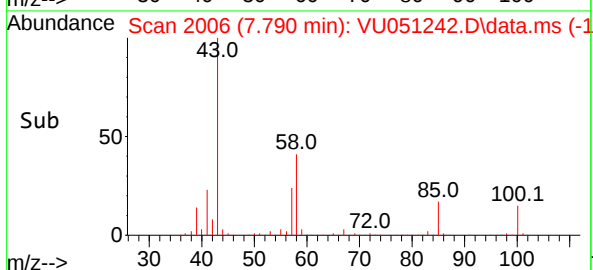
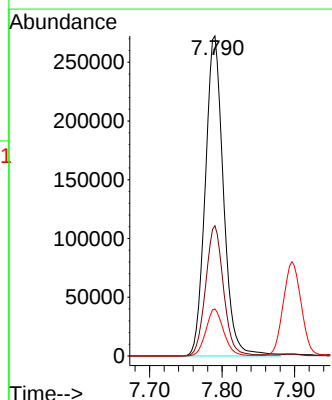
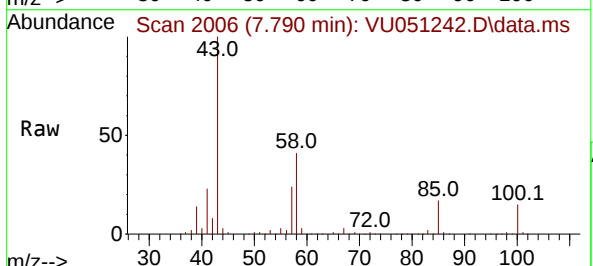
Tgt Ion: 43 Resp: 474718

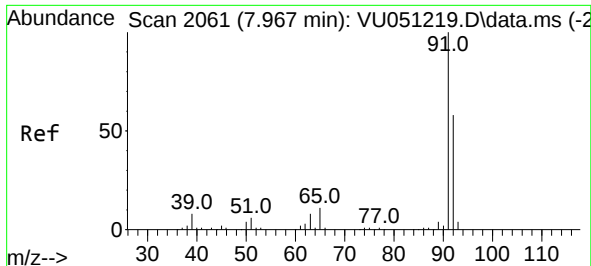
Ion Ratio Lower Upper

43 100

58 40.0 33.0 49.6

100 14.4 11.8 17.6





#42

Toluene

Concen: 5.361 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. 0.000 min

Lab File: VU051242.D

Acq: 08 Oct 2022 01:10

Instrument :

MSVOA_U

ClientSampleId :

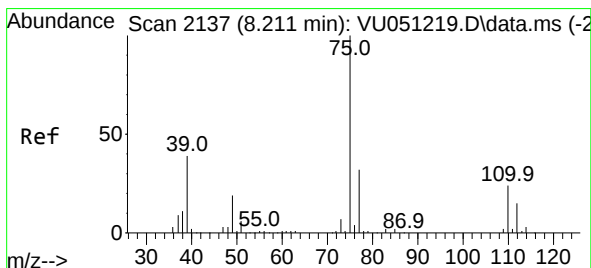
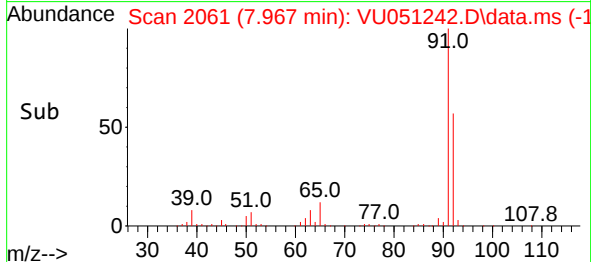
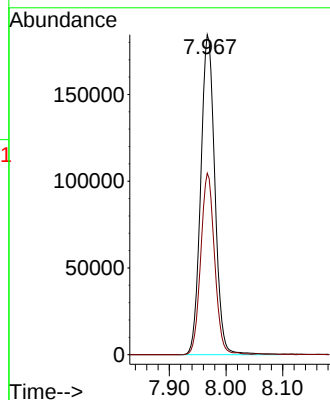
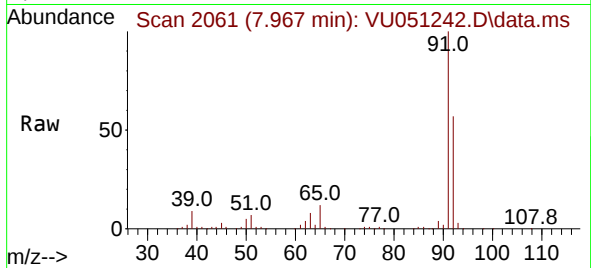
EXFTOMSD

Tgt Ion: 91 Resp: 319658

Ion Ratio Lower Upper

91 100

92 56.7 39.9 74.1



#44

trans-1,3-Dichloropropene

Concen: 5.388 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. -0.003 min

Lab File: VU051242.D

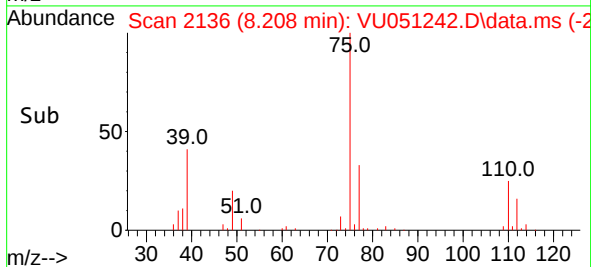
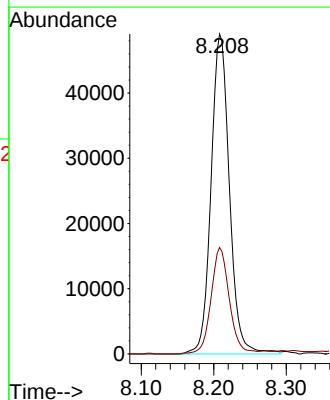
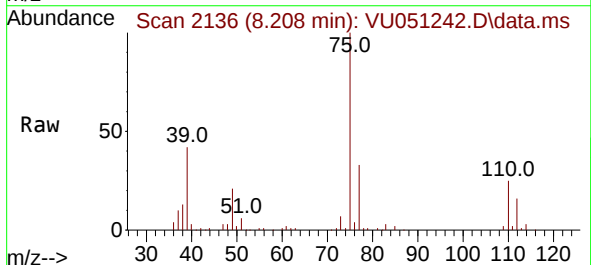
Acq: 08 Oct 2022 01:10

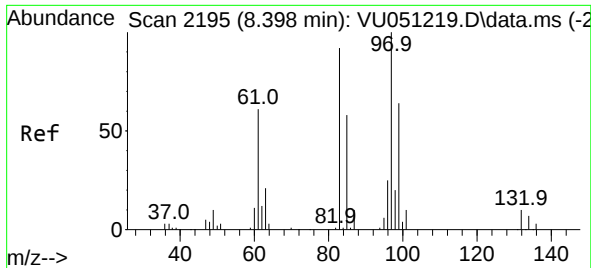
Tgt Ion: 75 Resp: 86228

Ion Ratio Lower Upper

75 100

77 33.2 21.8 40.6



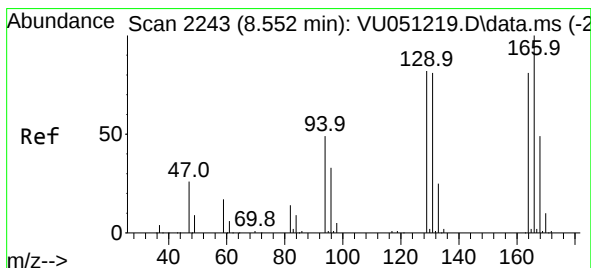
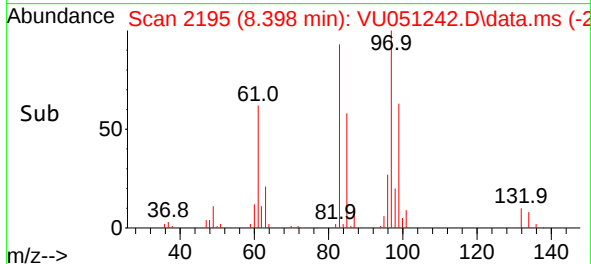
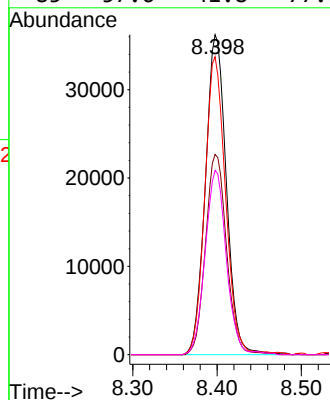
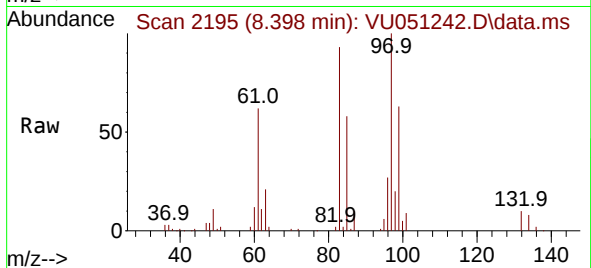


#45
1,1,2-Trichloroethane
Concen: 5.801 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. 0.000 min
Lab File: VU051242.D
Acq: 08 Oct 2022 01:10

Instrument :
MSVOA_U
ClientSampleId :
EXFT0MSD

Tgt Ion: 97 Resp: 62712

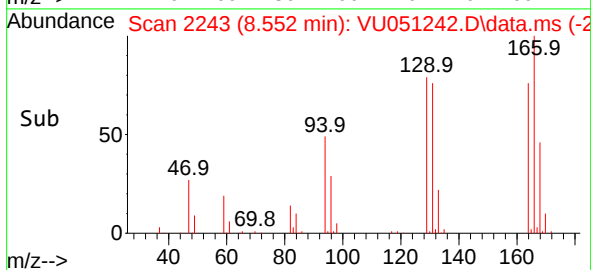
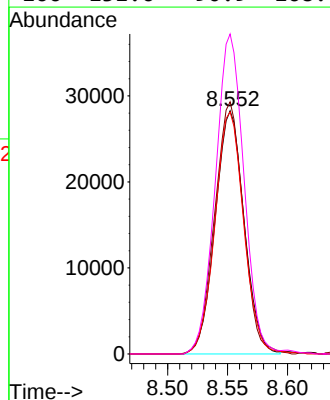
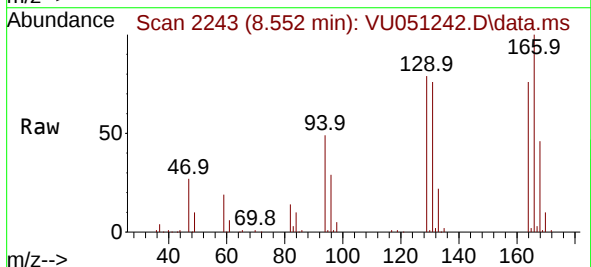
Ion	Ratio	Lower	Upper
97	100		
99	62.6	45.3	84.1
83	93.1	63.1	117.1
85	57.6	41.8	77.6

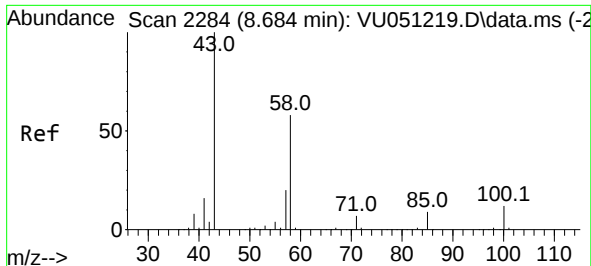


#47
Tetrachloroethene
Concen: 4.613 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU051242.D
Acq: 08 Oct 2022 01:10

Tgt Ion: 164 Resp: 47532

Ion	Ratio	Lower	Upper
164	100		
129	103.7	71.3	132.3
131	99.6	66.9	124.3
166	131.6	90.9	168.7

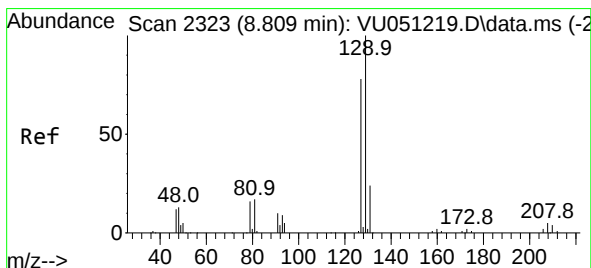
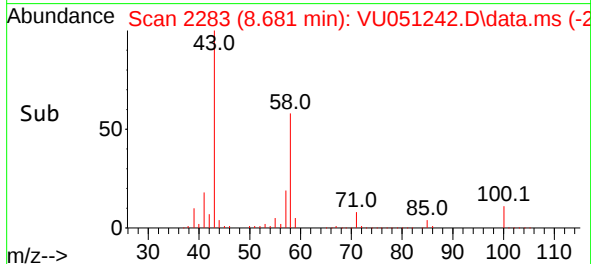
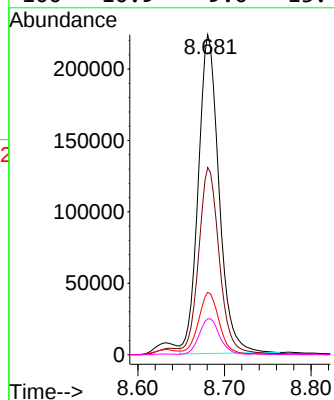
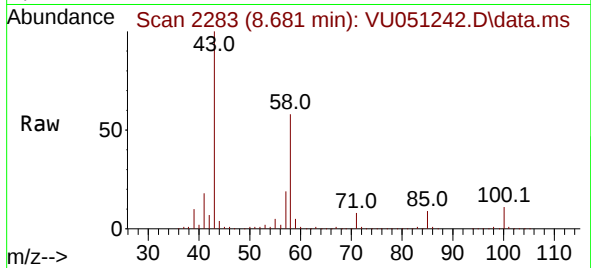




#48
2-Hexanone
Concen: 61.731 ug/L
RT: 8.681 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU051242.D
Acq: 08 Oct 2022 01:10

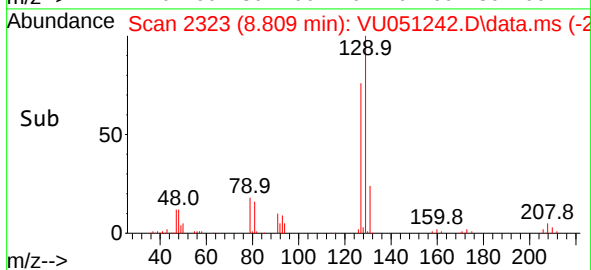
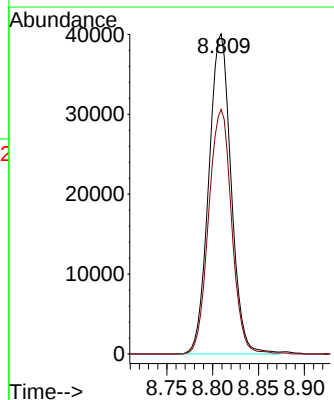
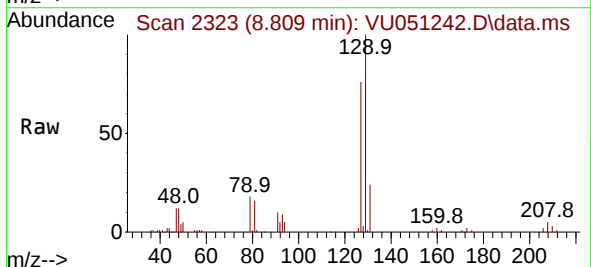
Instrument :
MSVOA_U
ClientSampleId :
EXFTOMSD

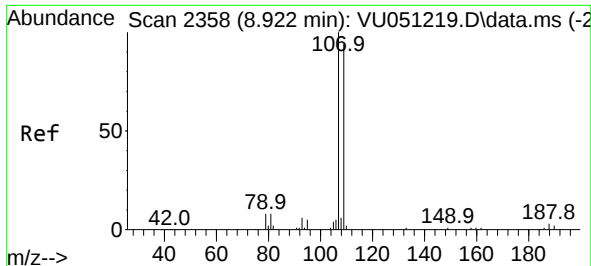
Tgt Ion: 43 Resp: 371272
Ion Ratio Lower Upper
43 100
58 58.7 48.2 72.2
57 19.8 15.5 23.3
100 10.9 9.0 13.4



#49
Dibromochloromethane
Concen: 5.593 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VU051242.D
Acq: 08 Oct 2022 01:10

Tgt Ion: 129 Resp: 67887
Ion Ratio Lower Upper
129 100
127 76.4 53.5 99.3





#50

1,2-Dibromoethane

Concen: 5.848 ug/L

RT: 8.922 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU051242.D

Acq: 08 Oct 2022 01:10

Instrument :

MSVOA_U

ClientSampleId :

EXFT0MSD

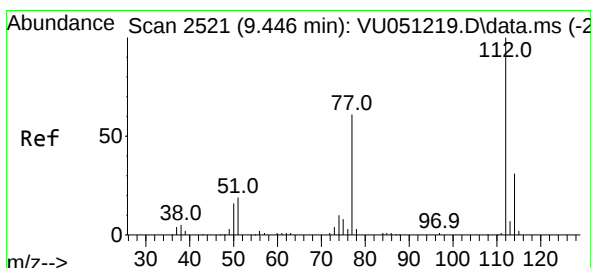
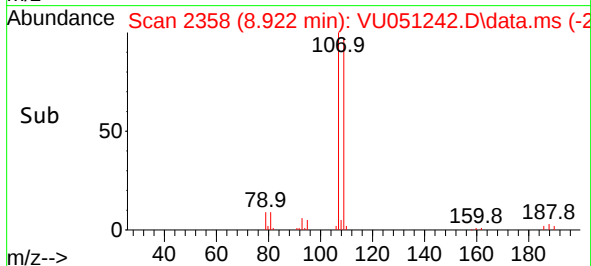
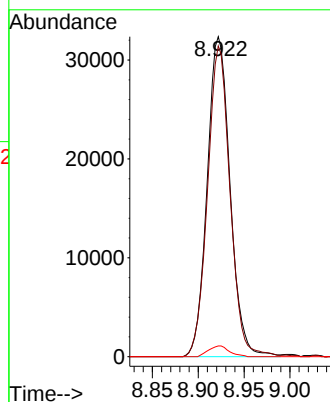
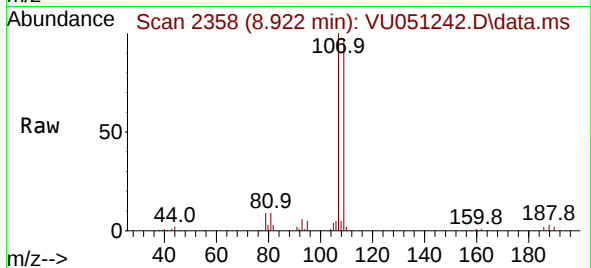
Tgt Ion:107 Resp: 56269

Ion Ratio Lower Upper

107 100

109 97.1 67.1 124.7

188 3.4 2.5 3.7



#51

Chlorobenzene

Concen: 5.467 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. 0.000 min

Lab File: VU051242.D

Acq: 08 Oct 2022 01:10

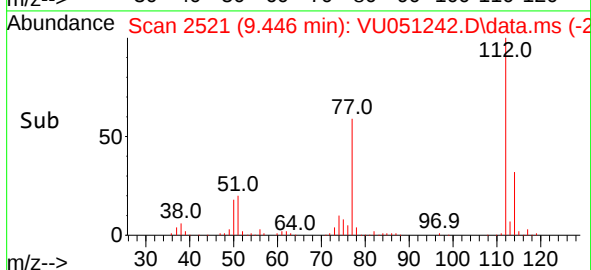
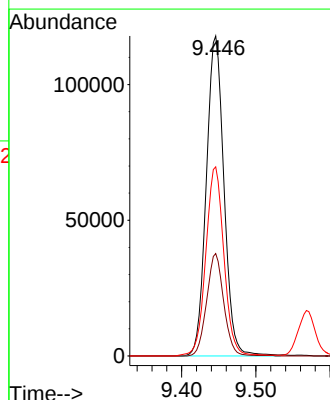
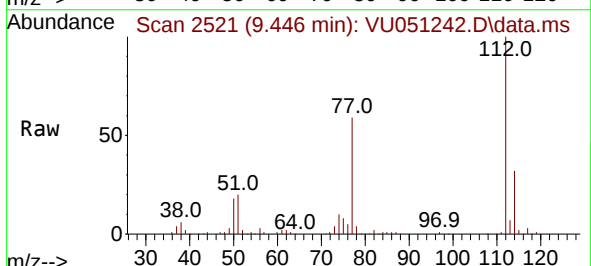
Tgt Ion:112 Resp: 194750

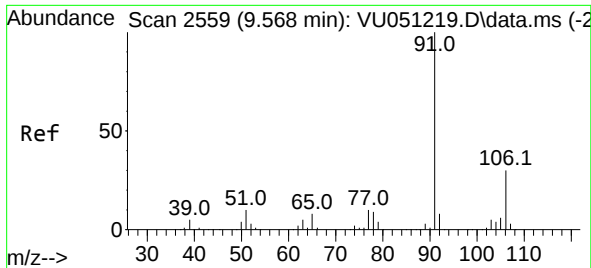
Ion Ratio Lower Upper

112 100

114 32.0 22.3 41.5

77 59.1 48.1 72.1

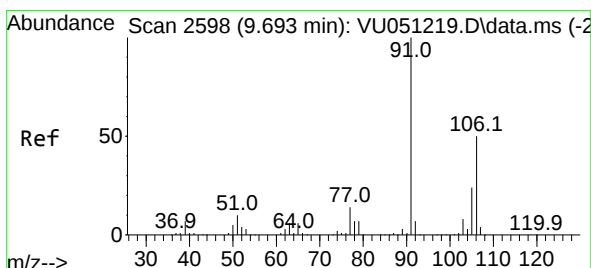
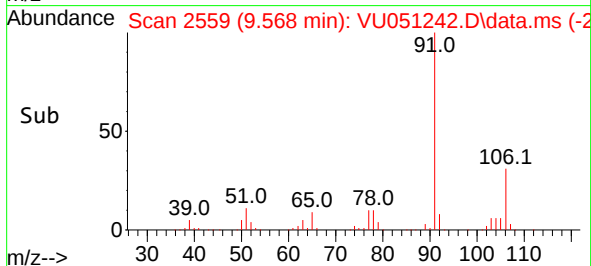
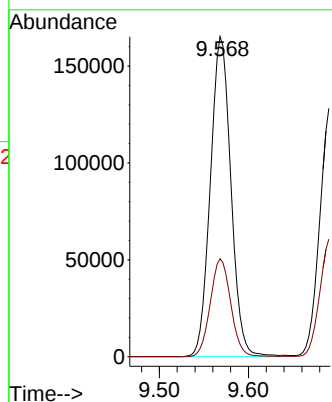
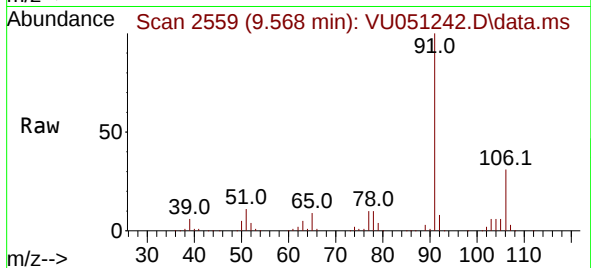




#52
Ethylbenzene
Concen: 4.934 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. 0.000 min
Lab File: VU051242.D
Acq: 08 Oct 2022 01:10

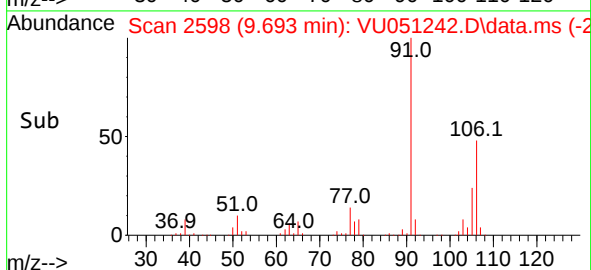
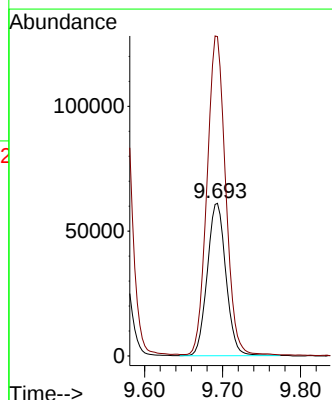
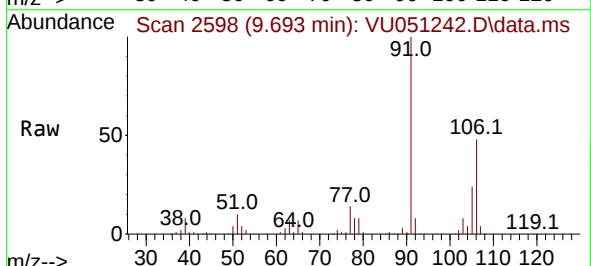
Instrument :
MSVOA_U
ClientSampleId :
EXFTOMSD

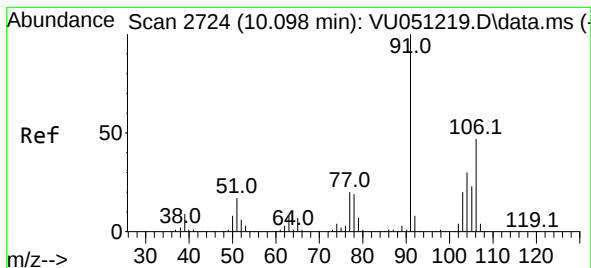
Tgt Ion: 91 Resp: 264353
Ion Ratio Lower Upper
91 100
106 30.6 20.9 38.7



#53
m,p-Xylene
Concen: 4.886 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU051242.D
Acq: 08 Oct 2022 01:10

Tgt Ion: 106 Resp: 101534
Ion Ratio Lower Upper
106 100
91 209.2 143.9 267.3





#54

o-Xylene

Concen: 5.327 ug/L

RT: 10.099 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU051242.D

Acq: 08 Oct 2022 01:10

Instrument :

MSVOA_U

ClientSampleId :

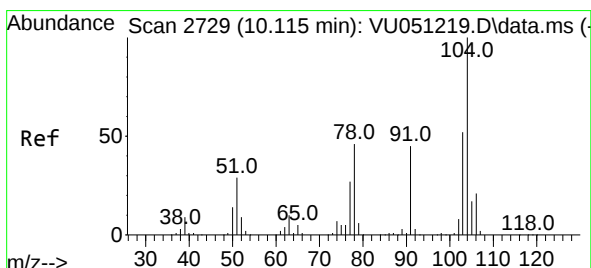
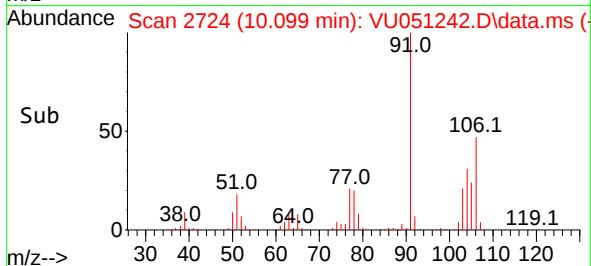
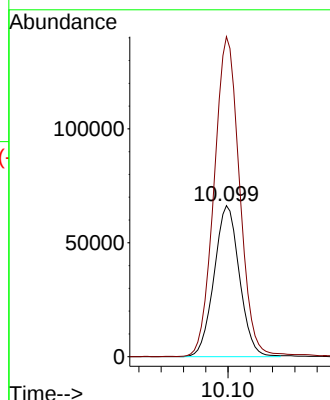
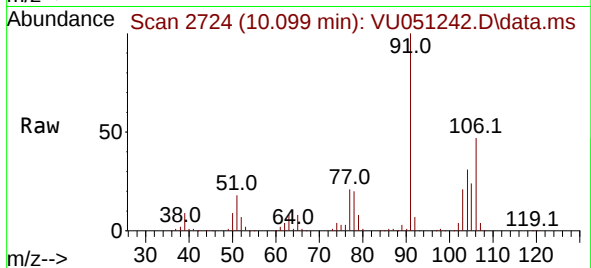
EXFTOMSD

Tgt Ion:106 Resp: 104751

Ion Ratio Lower Upper

106 100

91 211.8 154.4 286.8



#55

Styrene

Concen: 5.288 ug/L

RT: 10.111 min Scan# 2728

Delta R.T. -0.003 min

Lab File: VU051242.D

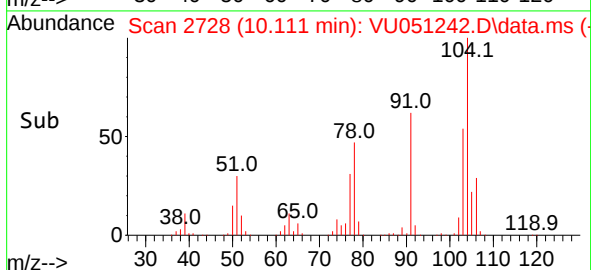
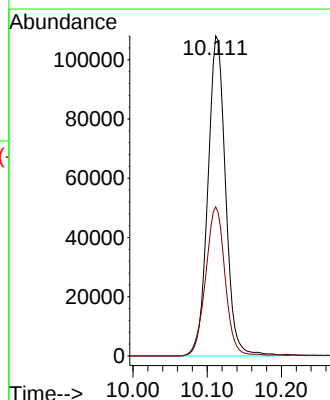
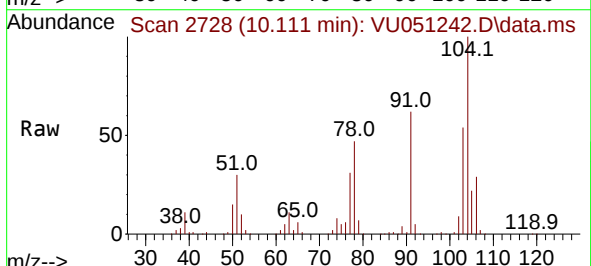
Acq: 08 Oct 2022 01:10

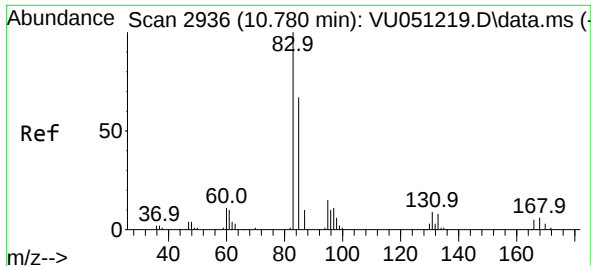
Tgt Ion:104 Resp: 178968

Ion Ratio Lower Upper

104 100

78 46.6 32.1 59.7





#57

1,1,2-Tetrachloroethane

Concen: 6.276 ug/L

RT: 10.780 min Scan# 2936

Delta R.T. 0.000 min

Lab File: VU051242.D

Acq: 08 Oct 2022 01:10

Instrument :

MSVOA_U

ClientSampleId :

EXFTOMSD

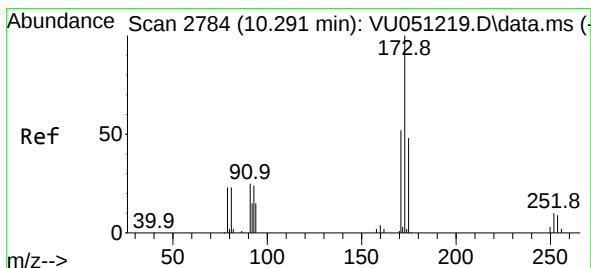
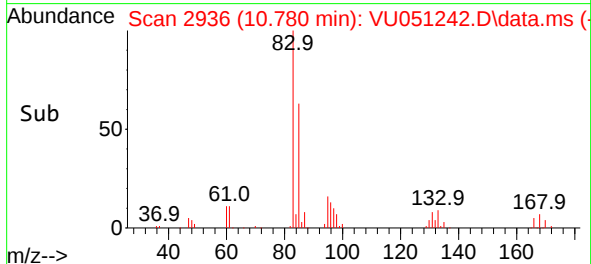
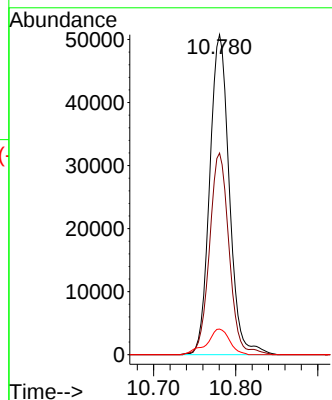
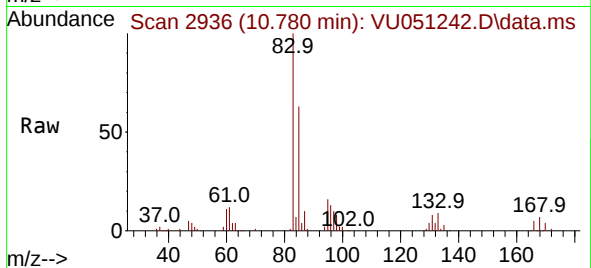
Tgt Ion: 83 Resp: 83980

Ion Ratio Lower Upper

83 100

85 63.0 45.9 85.3

131 8.0 7.4 11.2



#59

Bromoform

Concen: 5.588 ug/L

RT: 10.288 min Scan# 2783

Delta R.T. -0.003 min

Lab File: VU051242.D

Acq: 08 Oct 2022 01:10

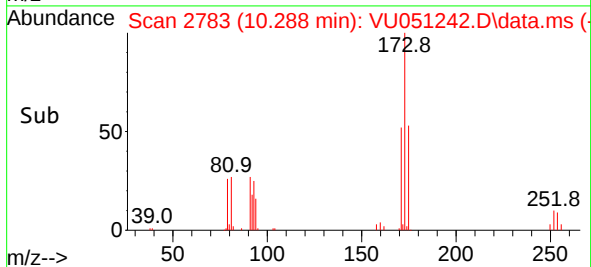
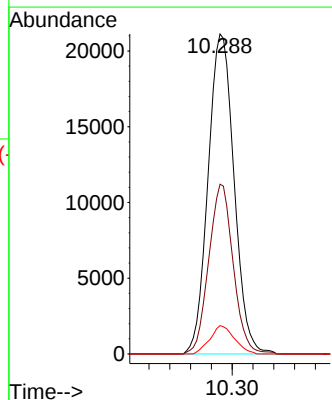
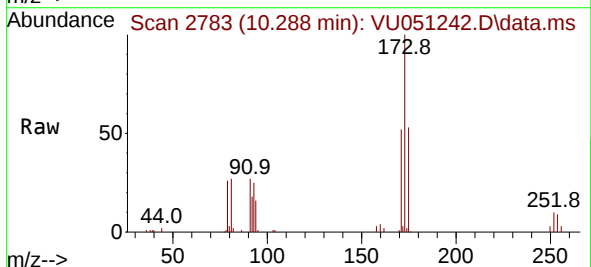
Tgt Ion: 173 Resp: 36613

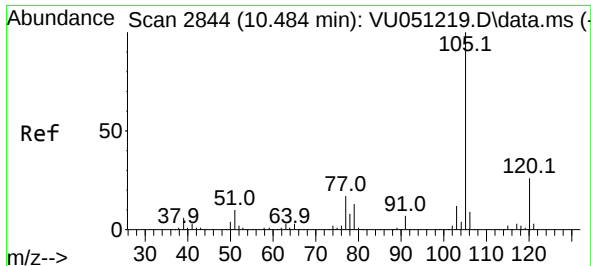
Ion Ratio Lower Upper

173 100

175 49.9 39.0 58.4

254 8.3 7.5 11.3

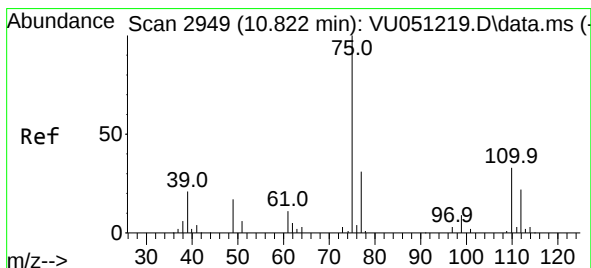
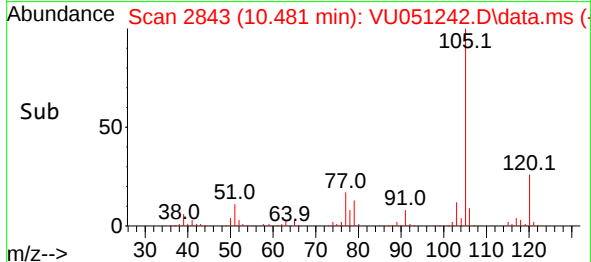
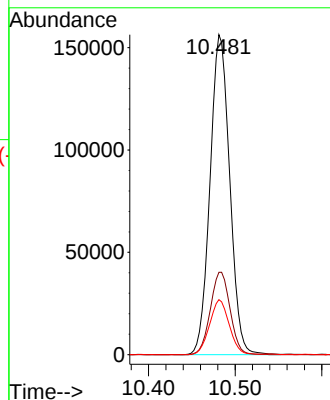
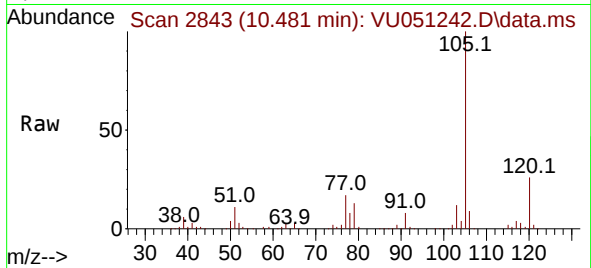




#60
Isopropylbenzene
Concen: 4.943 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. -0.003 min
Lab File: VU051242.D
Acq: 08 Oct 2022 01:10

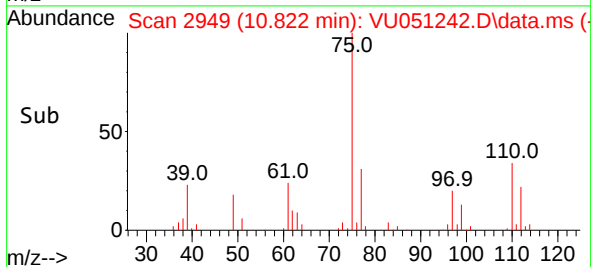
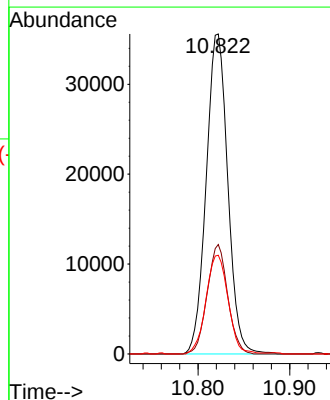
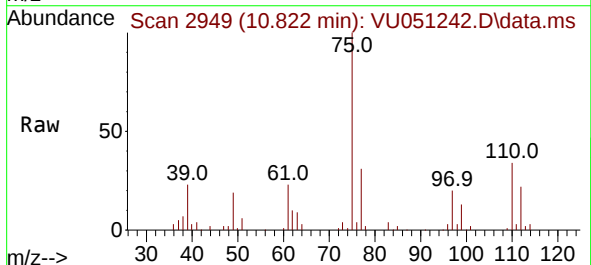
Instrument :
MSVOA_U
ClientSampleId :
EXFTOMSD

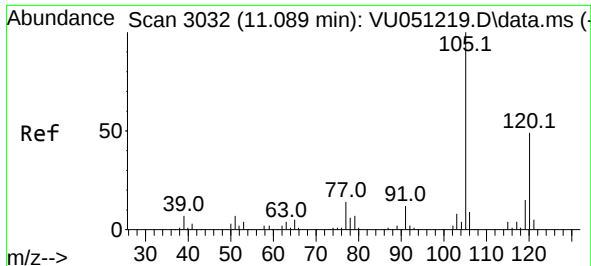
Tgt Ion:105 Resp: 246602
Ion Ratio Lower Upper
105 100
120 25.9 20.6 30.8
77 17.1 13.5 20.3



#61
1,2,3-Trichloropropane
Concen: 5.853 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU051242.D
Acq: 08 Oct 2022 01:10

Tgt Ion: 75 Resp: 58214
Ion Ratio Lower Upper
75 100
110 32.6 27.0 40.6
77 31.6 26.4 39.6





#62

1,3,5-Trimethylbenzene

Concen: 4.705 ug/L

RT: 11.086 min Scan# 3032

Delta R.T. -0.003 min

Lab File: VU051242.D

Acq: 08 Oct 2022 01:10

Instrument :

MSVOA_U

ClientSampleId :

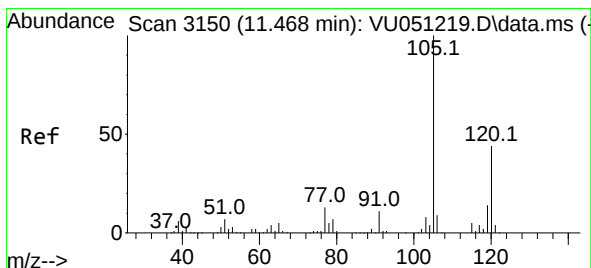
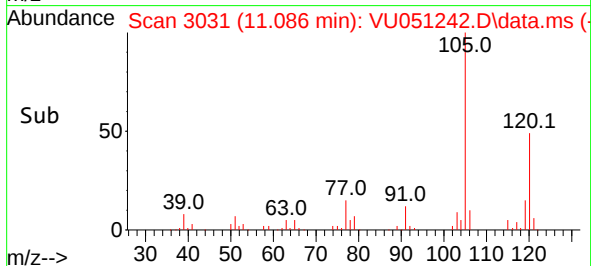
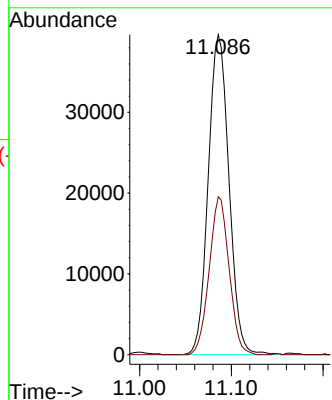
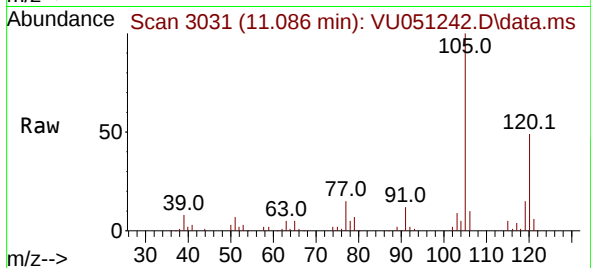
EXFTOMSD

Tgt Ion:105 Resp: 62266

Ion Ratio Lower Upper

105 100

120 47.3 37.7 56.5



#63

1,2,4-Trimethylbenzene

Concen: 4.668 ug/L

RT: 11.465 min Scan# 3149

Delta R.T. -0.003 min

Lab File: VU051242.D

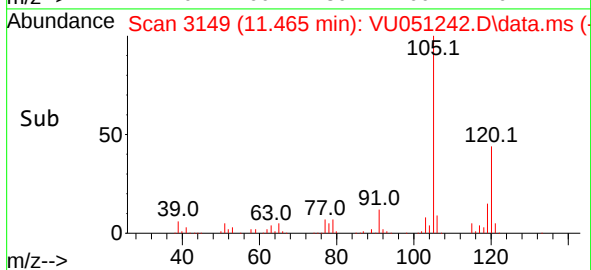
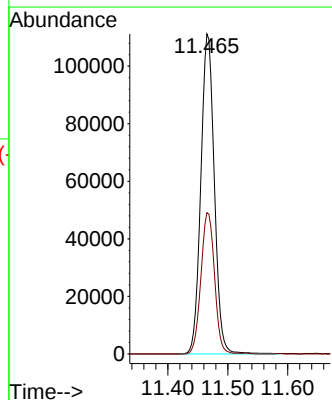
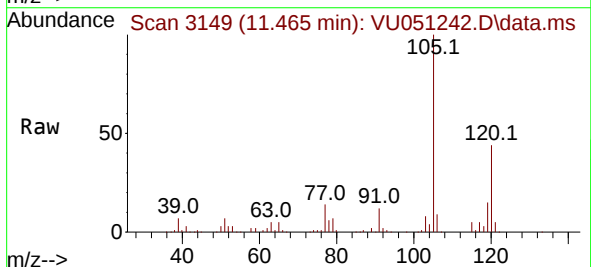
Acq: 08 Oct 2022 01:10

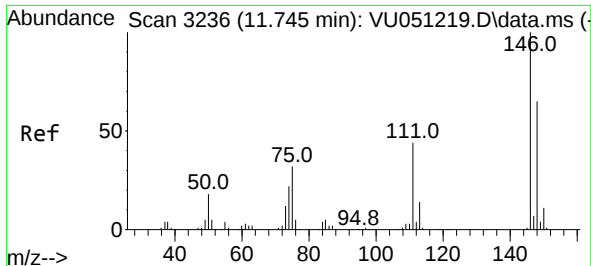
Tgt Ion:105 Resp: 174705

Ion Ratio Lower Upper

105 100

120 44.3 35.6 53.4

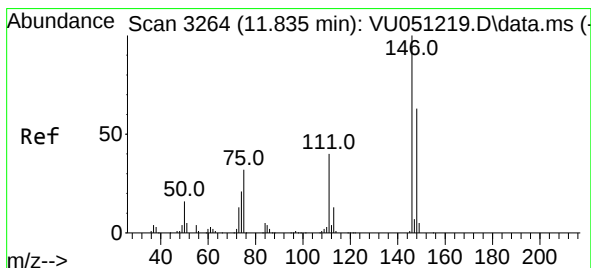
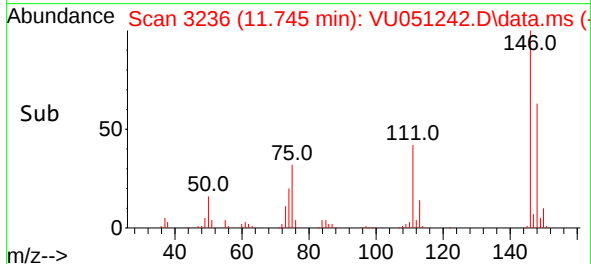
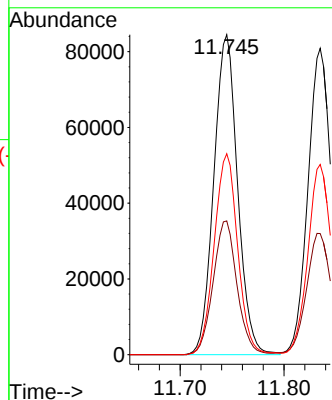
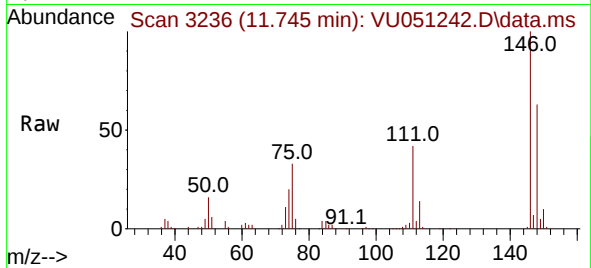




#64
1,3-Dichlorobenzene
Concen: 5.439 ug/L
RT: 11.745 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU051242.D
Acq: 08 Oct 2022 01:10

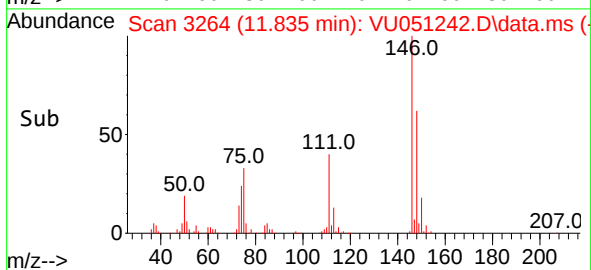
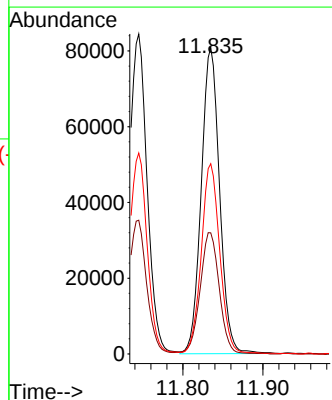
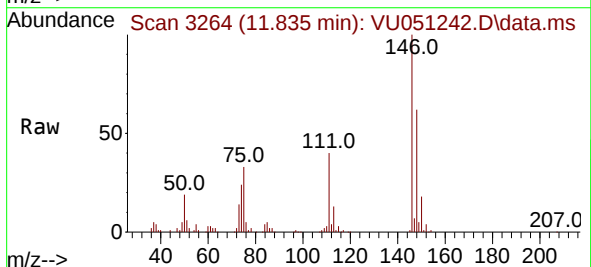
Instrument :
MSVOA_U
ClientSampleId :
EXFT0MSD

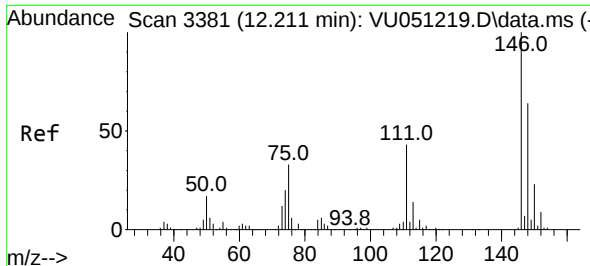
Tgt Ion:146 Resp: 134226
Ion Ratio Lower Upper
146 100
111 41.8 28.3 52.7
148 62.8 43.8 81.4



#65
1,4-Dichlorobenzene
Concen: 5.311 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU051242.D
Acq: 08 Oct 2022 01:10

Tgt Ion:146 Resp: 129182
Ion Ratio Lower Upper
146 100
111 39.6 29.1 54.1
148 62.1 44.2 82.0





#67

1,2-Dichlorobenzene

Concen: 5.537 ug/L

RT: 12.211 min Scan# 3381

Delta R.T. 0.000 min

Lab File: VU051242.D

Acq: 08 Oct 2022 01:10

Instrument :

MSVOA_U

ClientSampleId :

EXFT0MSD

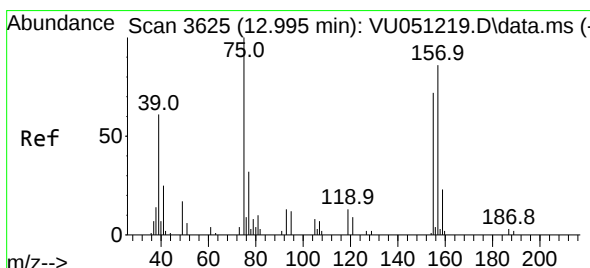
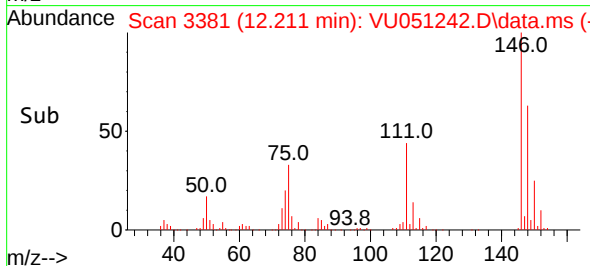
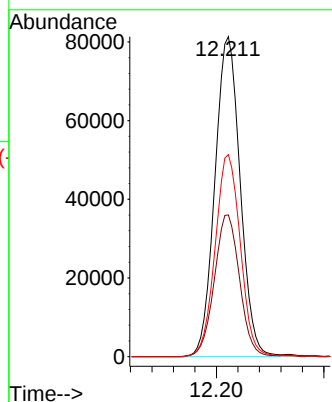
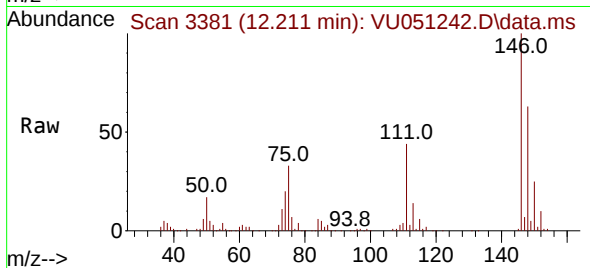
Tgt Ion:146 Resp: 132834

Ion Ratio Lower Upper

146 100

111 44.3 35.5 53.3

148 63.2 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 6.031 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. 0.000 min

Lab File: VU051242.D

Acq: 08 Oct 2022 01:10

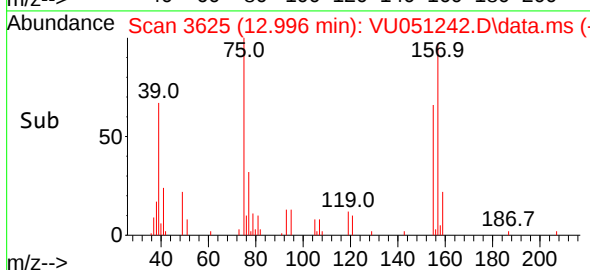
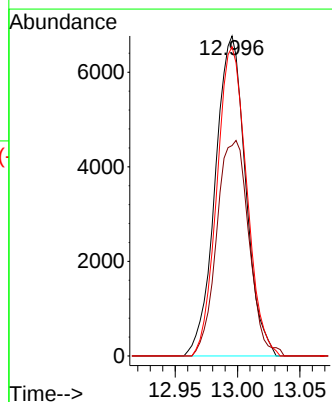
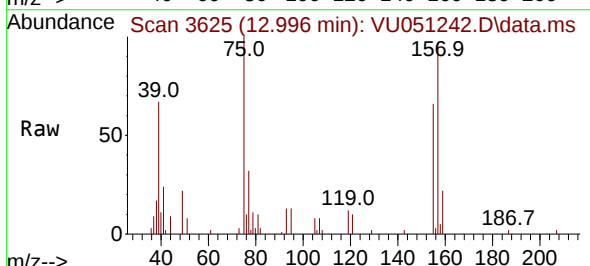
Tgt Ion: 75 Resp: 11474

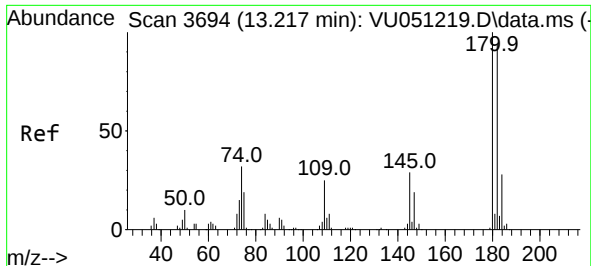
Ion Ratio Lower Upper

75 100

155 65.8 62.7 94.1

157 96.6 78.3 117.5





#69

1,3,5-Trichlorobenzene

Concen: 4.942 ug/L

RT: 13.217 min Scan# 3694

Delta R.T. 0.000 min

Lab File: VU051242.D

Acq: 08 Oct 2022 01:10

Instrument :

MSVOA_U

ClientSampleId :

EXFT0MSD

Tgt Ion:180 Resp: 84056

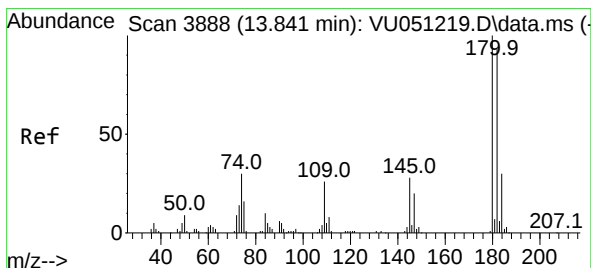
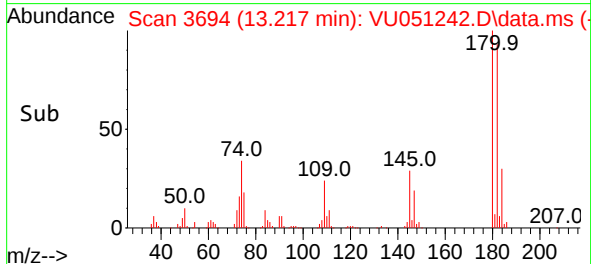
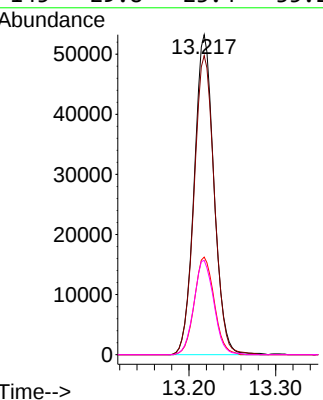
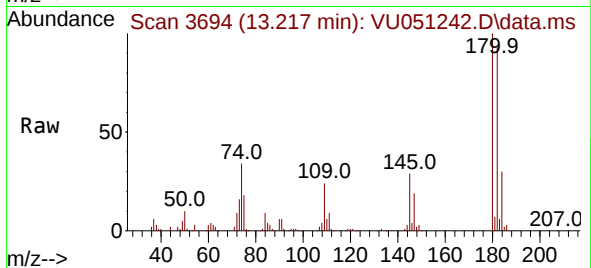
Ion Ratio Lower Upper

180 100

182 96.0 77.7 116.5

184 30.8 23.6 35.4

145 29.8 23.4 35.2



#70

1,2,4-trichlorobenzene

Concen: 5.084 ug/L

RT: 13.838 min Scan# 3887

Delta R.T. -0.003 min

Lab File: VU051242.D

Acq: 08 Oct 2022 01:10

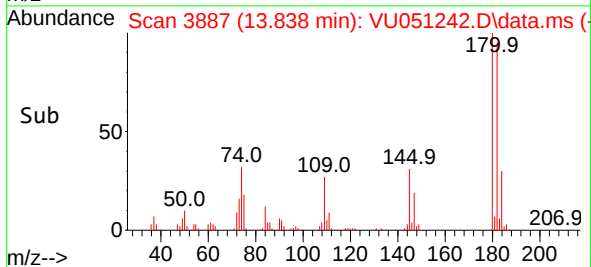
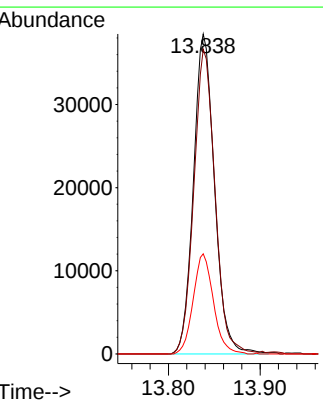
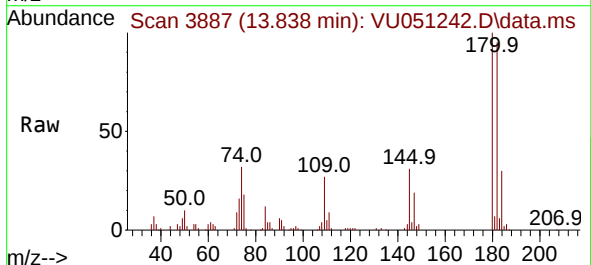
Tgt Ion:180 Resp: 61455

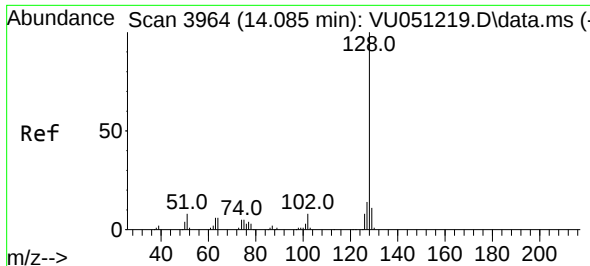
Ion Ratio Lower Upper

180 100

182 95.6 78.7 118.1

145 30.1 25.0 37.4

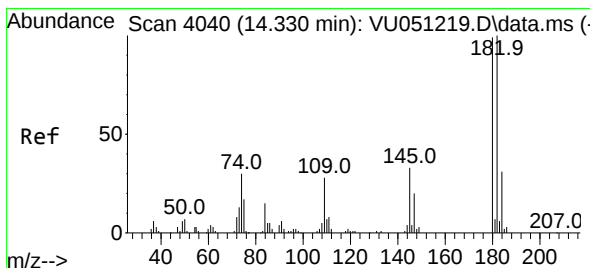
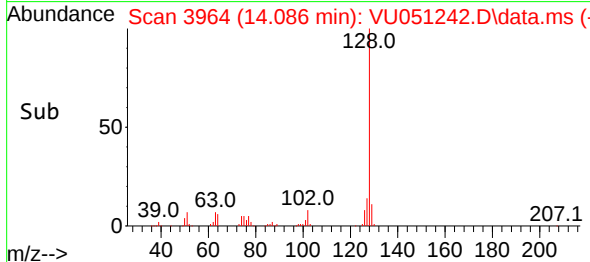
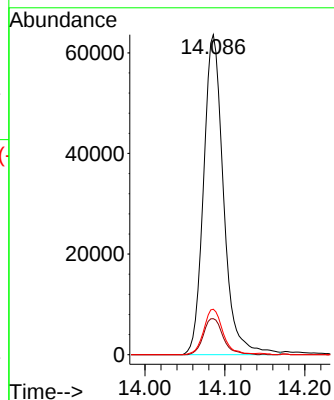
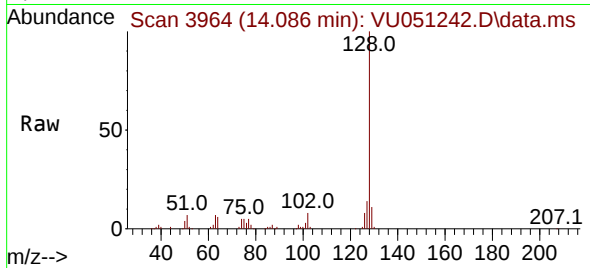




#71
Naphthalene
Concen: 4.923 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU051242.D
Acq: 08 Oct 2022 01:10

Instrument :
MSVOA_U
ClientSampleId :
EXFT0MSD

Tgt Ion:128 Resp: 110626
Ion Ratio Lower Upper
128 100
129 11.1 8.5 12.7
127 13.7 11.1 16.7



#72
1,2,3-Trichlorobenzene
Concen: 5.109 ug/L
RT: 14.327 min Scan# 4039
Delta R.T. -0.003 min
Lab File: VU051242.D
Acq: 08 Oct 2022 01:10

Tgt Ion:180 Resp: 63885
Ion Ratio Lower Upper
180 100
182 97.4 76.6 114.8
145 31.6 25.8 38.8

