

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120822\
 Data File : VU052241.D
 Acq On : 08 Dec 2022 12:10
 Operator : JC/MD
 Sample : MDL07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL07

Quant Time: Dec 08 22:31:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 08 04:19:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	219632	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	229250	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	103116	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	85579	4.006	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.200%
7) Chloroethane-d5	1.915	69	74836	4.510	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.200%
11) 1,1-Dichloroethene-d2	2.568	65	33257	4.343	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.800%
20) 2-Butanone-d5	4.642	46	233295	60.245	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.480%
24) Chloroform-d	5.060	84	155684	4.960	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.200%
26) 1,2-Dichloroethane-d4	5.700	65	82225	5.186	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.800%
32) Benzene-d6	5.726	84	311038	4.570	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
36) 1,2-Dichloropropane-d6	6.687	67	105554	5.011	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.200%
41) Toluene-d8	7.896	98	247522	4.020	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.400%
43) trans-1,3-Dichloroprop...	8.179	79	32688	4.259	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.200%
46) 2-Hexanone-d5	8.635	63	170558	52.434	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.860%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	94599	5.180	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.600%
66) 1,2-Dichlorobenzene-d4	12.192	152	96805	4.903	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	4358	0.229	ug/L	95
3) Chloromethane	1.520	50	6761	0.272	ug/L	90
5) Vinyl chloride	1.604	62	6012	0.252	ug/L #	71
6) Bromomethane	1.861	94	2243	0.183	ug/L	91
8) Chloroethane	1.935	64	3933	0.265	ug/L	94
9) Trichlorofluoromethane	2.144	101	6324	0.241	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	4765	0.297	ug/L	89
12) 1,1-Dichloroethene	2.581	96	5060	0.318	ug/L #	1
13) Acetone	2.668	43	7778	2.958	ug/L	82
14) Carbon disulfide	2.793	76	13861	0.251	ug/L	96
15) Methyl Acetate	2.970	43	1667	0.244	ug/L #	81
16) Methylene chloride	3.047	84	9435	0.438	ug/L	94
17) Methyl tert-butyl Ether	3.366	73	7895	0.221	ug/L	96
18) trans-1,2-Dichloroethene	3.353	96	4558	0.267	ug/L	95
19) 1,1-Dichloroethane	3.874	63	7958	0.259	ug/L	97
21) 2-Butanone	4.732	43	9374	2.224	ug/L	73
22) cis-1,2-Dichloroethene	4.671	96	4437	0.248	ug/L	89
23) Bromochloromethane	4.970	128	2221	0.259	ug/L #	89
27) 1,2-Dichloroethane	5.793	62	4828	0.253	ug/L #	93

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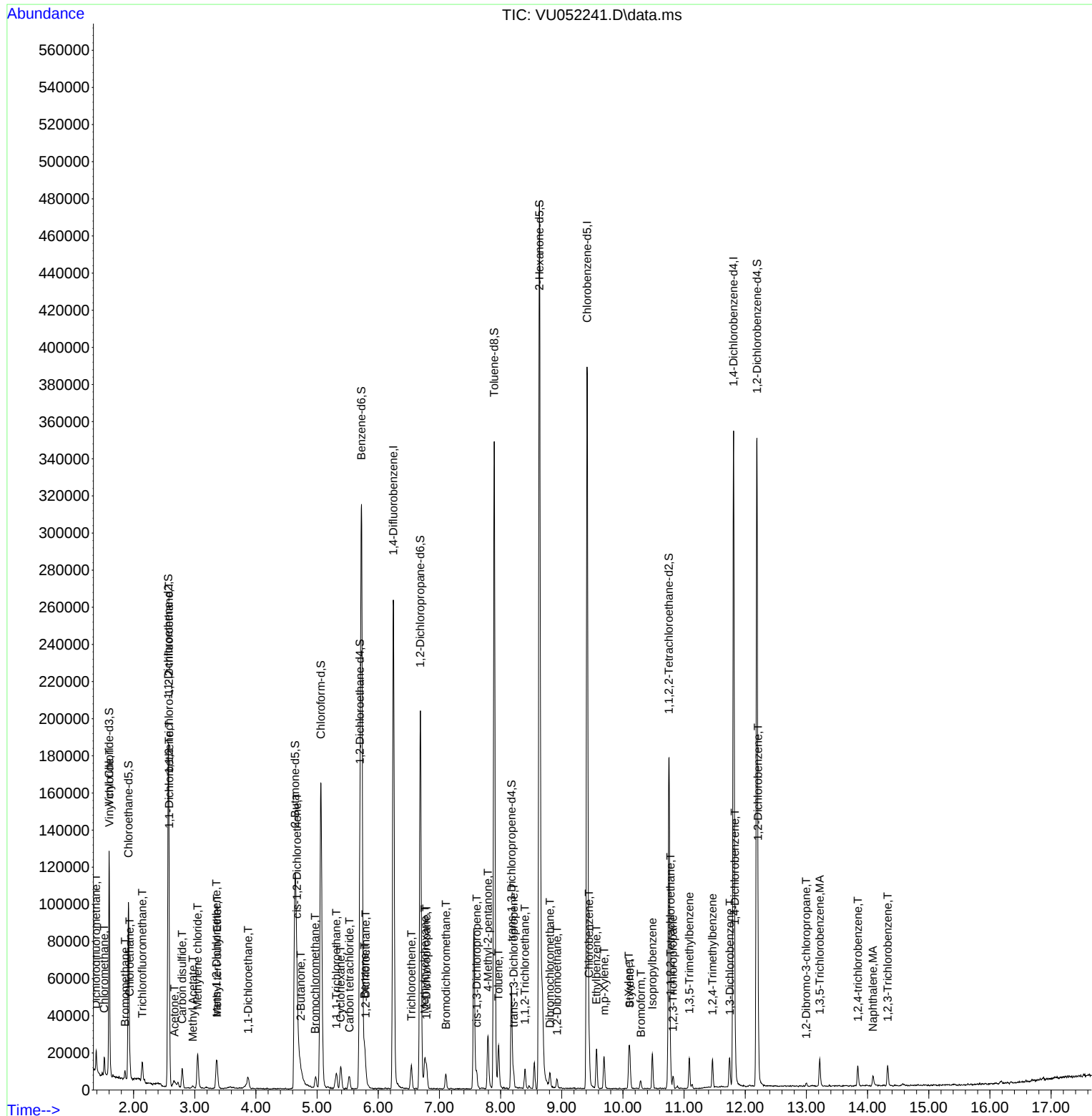
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) 1,1,1-Trichloroethane	5.314	97	5907	0.232	ug/L	96
30) Cyclohexane	5.385	56	4767	0.193	ug/L	96
31) Carbon tetrachloride	5.529	117	4809	0.223	ug/L	98
33) Benzene	5.774	78	17955	0.241	ug/L	100
34) Trichloroethene	6.542	95	4198	0.226	ug/L	94
35) Methylcyclohexane	6.761	83	5252	0.196	ug/L	93
37) 1,2-Dichloropropane	6.787	63	5015	0.260	ug/L #	97
38) Bromodichloromethane	7.105	83	6240	0.265	ug/L	96
39) cis-1,3-Dichloropropene	7.610	75	5114	0.206	ug/L	89
40) 4-Methyl-2-pentanone	7.793	43	20224	2.004	ug/L #	86
42) Toluene	7.967	91	16563	0.216	ug/L	95
44) trans-1,3-Dichloropropene	8.214	75	5402	0.254	ug/L	92
45) 1,1,2-Trichloroethane	8.398	97	3634	0.250	ug/L	95
49) Dibromochloromethane	8.806	129	3908	0.240	ug/L	88
50) 1,2-Dibromoethane	8.922	107	2874	0.217	ug/L #	90
51) Chlorobenzene	9.446	112	11720	0.240	ug/L	96
52) Ethylbenzene	9.568	91	14892	0.200	ug/L	96
53) m,p-Xylene	9.697	106	5183	0.179	ug/L	91
54) o-Xylene	10.095	106	4669	0.169	ug/L	86
55) Styrene	10.115	104	7459	0.159	ug/L	86
57) 1,1,2,2-Tetrachloroethane	10.777	83	4624	0.255	ug/L #	78
59) Bromoform	10.295	173	2224	0.262	ug/L #	92
60) Isopropylbenzene	10.481	105	11698	0.181	ug/L	97
61) 1,2,3-Trichloropropane	10.819	75	3160	0.268	ug/L #	91
62) 1,3,5-Trimethylbenzene	11.086	105	8922	0.172	ug/L	98
63) 1,2,4-Trimethylbenzene	11.465	105	8273	0.161	ug/L	98
64) 1,3-Dichlorobenzene	11.748	146	7357	0.222	ug/L	96
65) 1,4-Dichlorobenzene	11.831	146	8362	0.254	ug/L	98
67) 1,2-Dichlorobenzene	12.208	146	9993	0.314	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.995	75	586	0.227	ug/L #	73
69) 1,3,5-Trichlorobenzene	13.217	180	5858	0.250	ug/L	90
70) 1,2,4-trichlorobenzene	13.841	180	4277	0.239	ug/L	88
71) Naphthalene	14.089	128	7169	0.214	ug/L #	92
72) 1,2,3-Trichlorobenzene	14.330	180	4091	0.233	ug/L	97

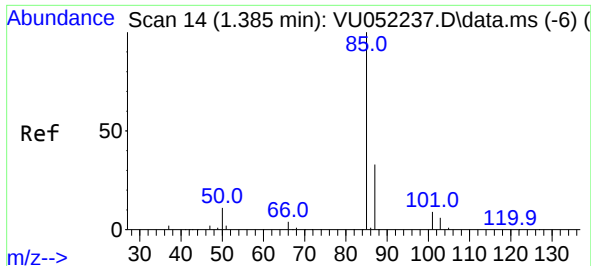
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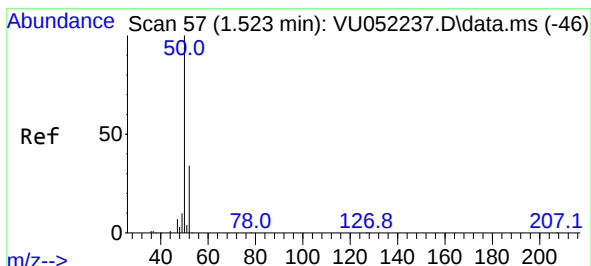
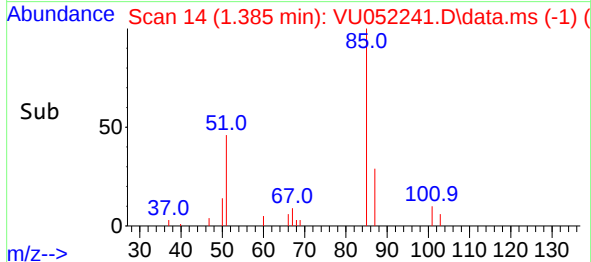
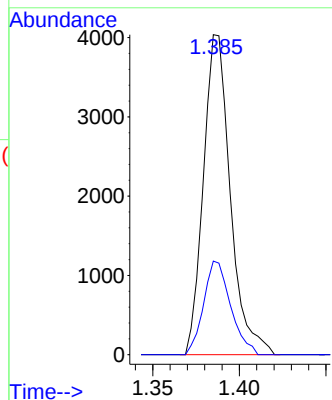
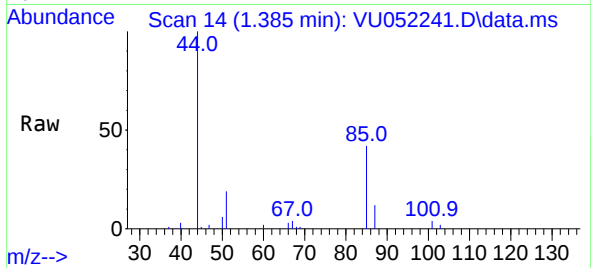




#2
Dichlorodifluoromethane
Concen: 0.229 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU052241.D
Acq: 08 Dec 2022 12:10

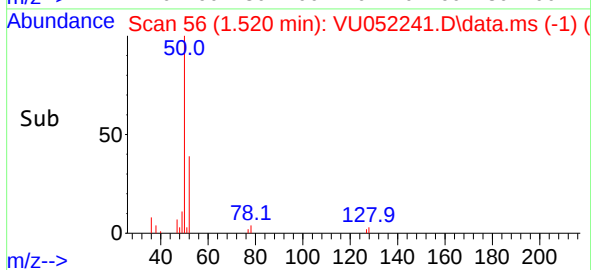
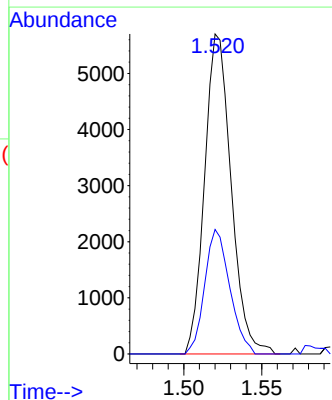
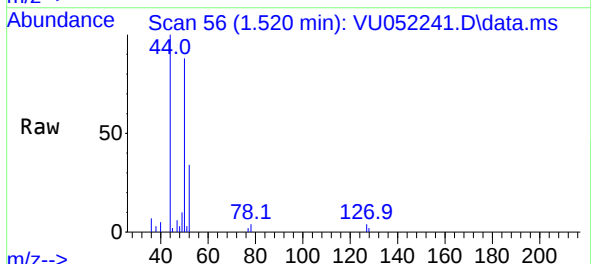
Instrument :
MSVOA_U
ClientSampleId :
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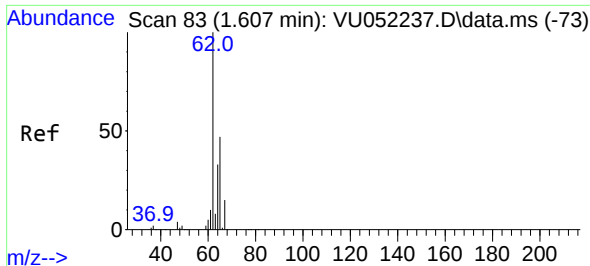
Tgt Ion: 85 Resp: 4358
Ion Ratio Lower Upper
85 100
87 29.3 25.8 38.8



#3
Chloromethane
Concen: 0.272 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.000 min
Lab File: VU052241.D
Acq: 08 Dec 2022 12:10

Tgt Ion: 50 Resp: 6761
Ion Ratio Lower Upper
50 100
52 38.9 23.4 43.4

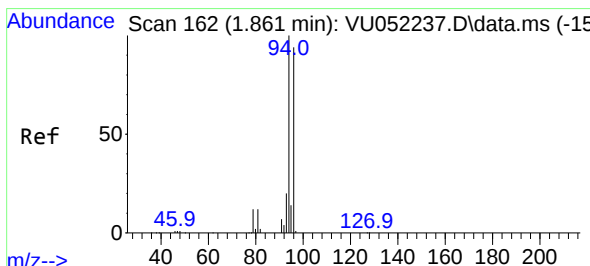
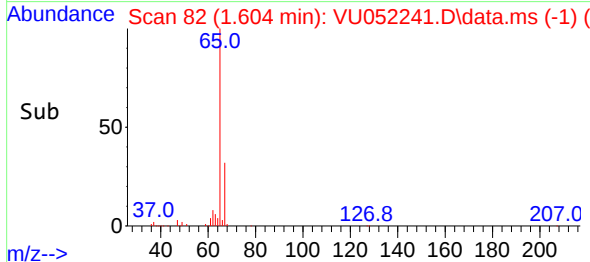
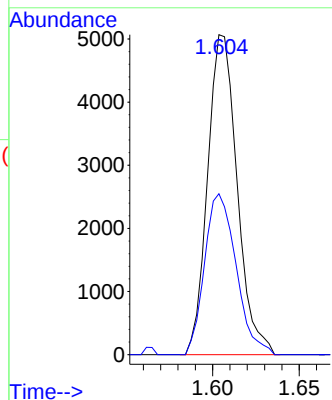
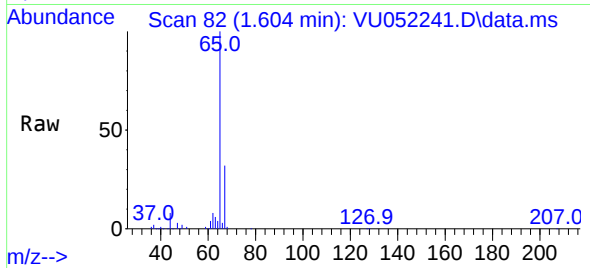




#5
 Vinyl chloride
 Concen: 0.252 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU052241.D
 Acq: 08 Dec 2022 12:10

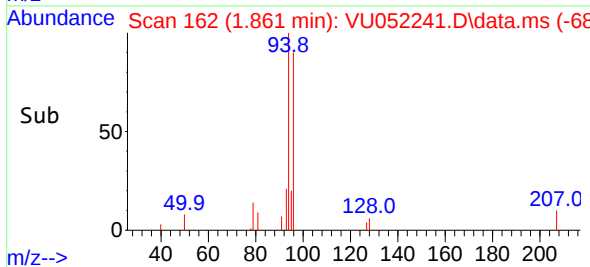
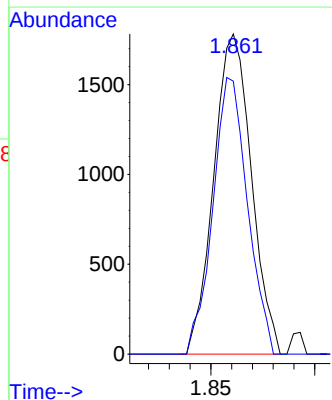
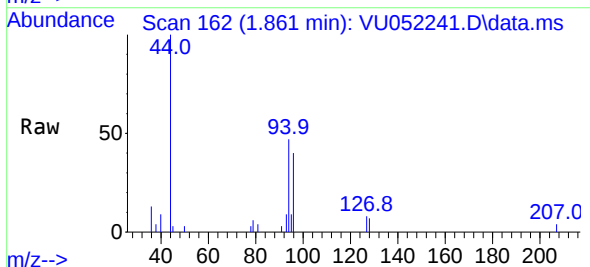
Instrument :
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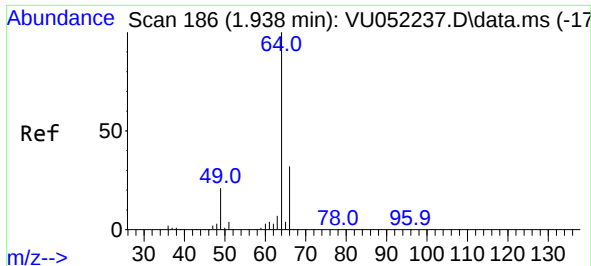
Tgt Ion: 62 Resp: 6012
 Ion Ratio Lower Upper
 62 100
 64 50.3 23.5 43.7#



#6
 Bromomethane
 Concen: 0.183 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. 0.003 min
 Lab File: VU052241.D
 Acq: 08 Dec 2022 12:10

Tgt Ion: 94 Resp: 2243
 Ion Ratio Lower Upper
 94 100
 96 85.2 65.7 122.1

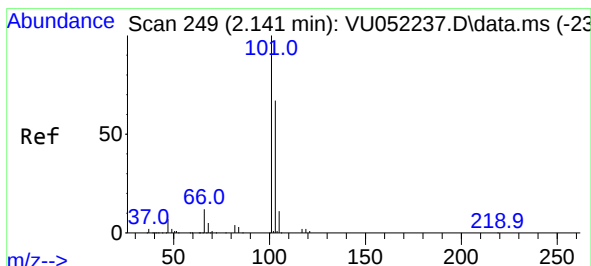
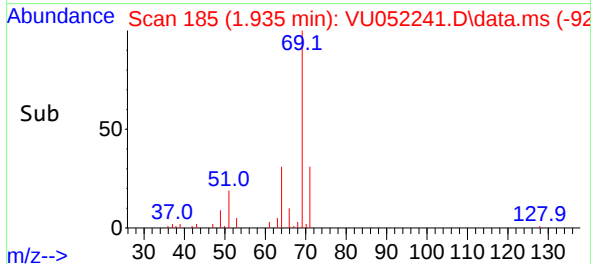
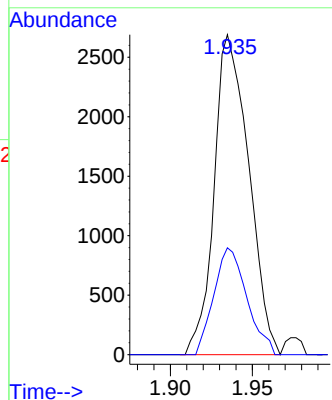
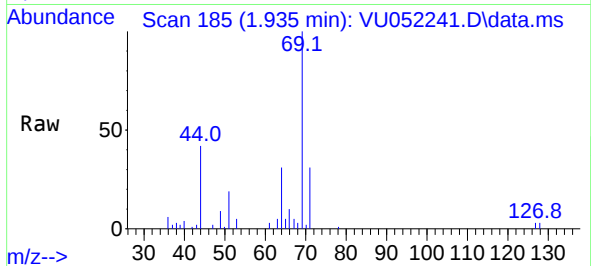




#8
Chloroethane
Concen: 0.265 ug/L
RT: 1.935 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU052241.D
Acq: 08 Dec 2022 12:10

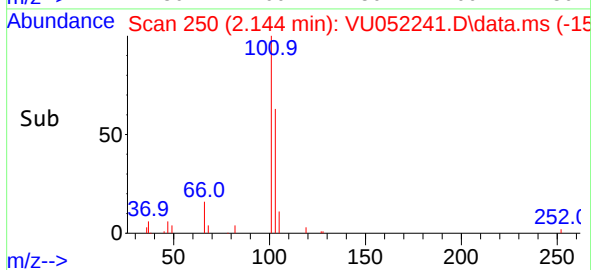
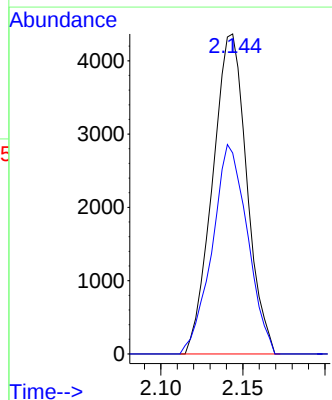
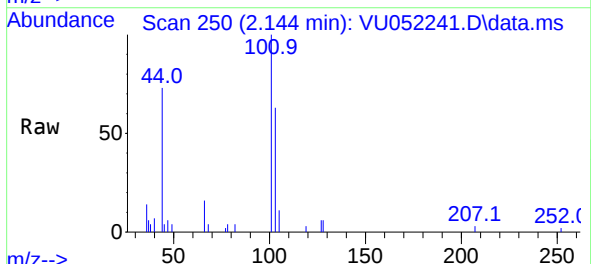
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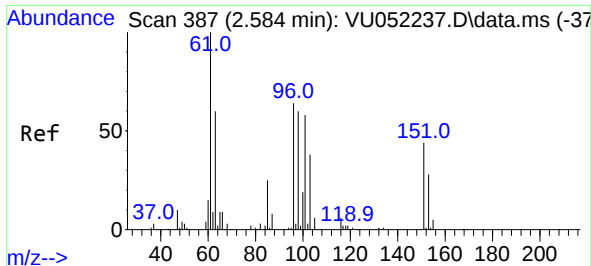
Tgt Ion: 64 Resp: 3933
Ion Ratio Lower Upper
64 100
66 33.4 21.1 39.1



#9
Trichlorofluoromethane
Concen: 0.241 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.003 min
Lab File: VU052241.D
Acq: 08 Dec 2022 12:10

Tgt Ion: 101 Resp: 6324
Ion Ratio Lower Upper
101 100
103 67.6 51.6 77.4

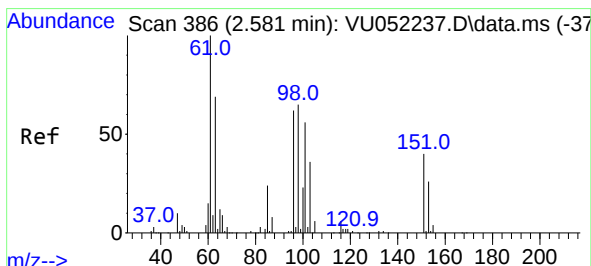
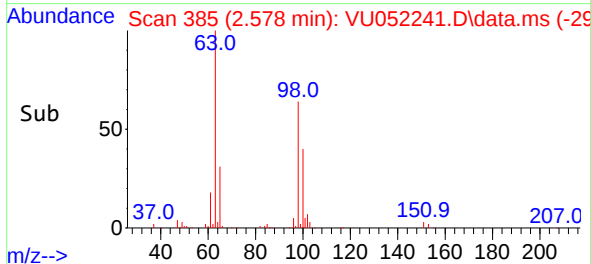
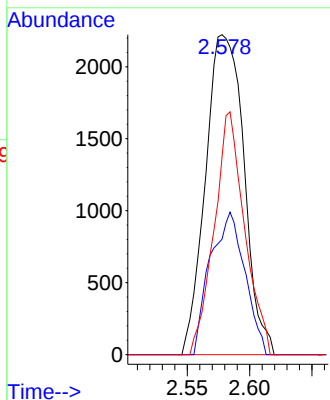
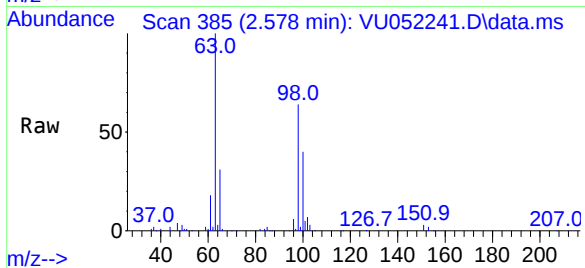




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.297 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.003 min
Lab File: VU052241.D
Acq: 08 Dec 2022 12:10

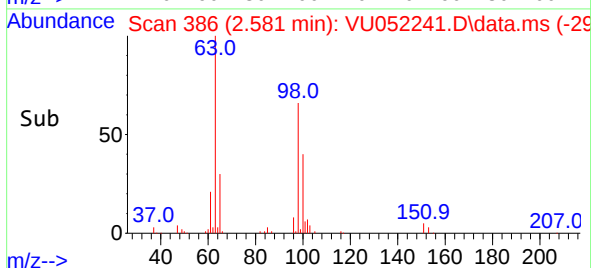
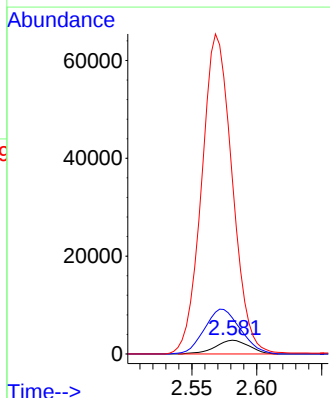
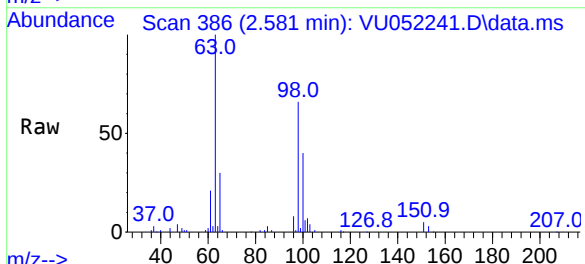
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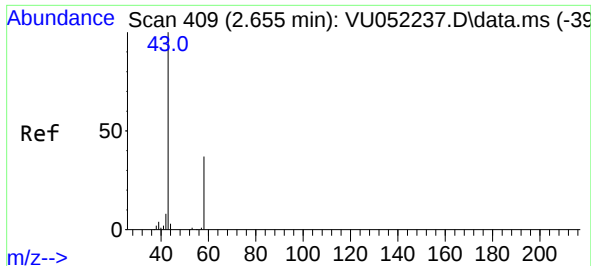
Tgt Ion:101 Resp: 4765
Ion Ratio Lower Upper
101 100
85 40.2 33.8 50.6
151 60.1 58.6 88.0



#12
1,1-Dichloroethene
Concen: 0.318 ug/L
RT: 2.581 min Scan# 386
Delta R.T. -0.000 min
Lab File: VU052241.D
Acq: 08 Dec 2022 12:10

Tgt Ion: 96 Resp: 5060
Ion Ratio Lower Upper
96 100
61 262.4 114.8 213.2#
63 1277.8 93.7 174.1#

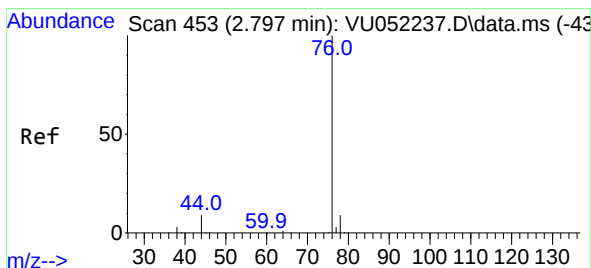
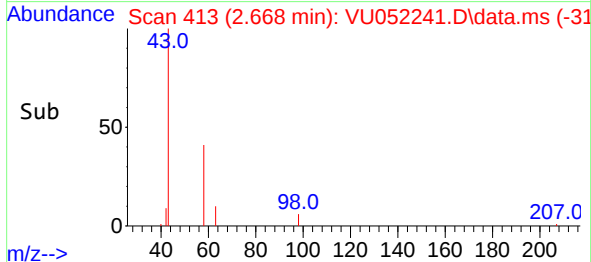
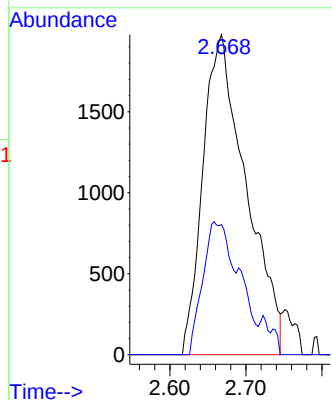
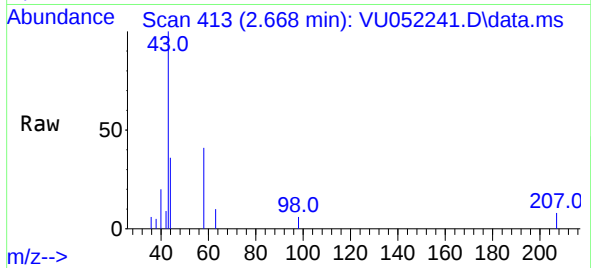




#13
Acetone
Concen: 2.958 ug/L
RT: 2.668 min Scan# 413
Delta R.T. 0.022 min
Lab File: VU052241.D
Acq: 08 Dec 2022 12:10

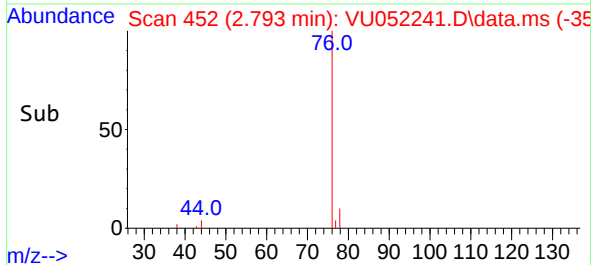
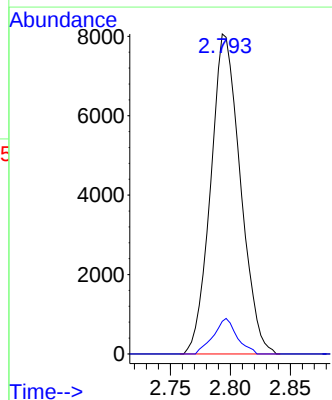
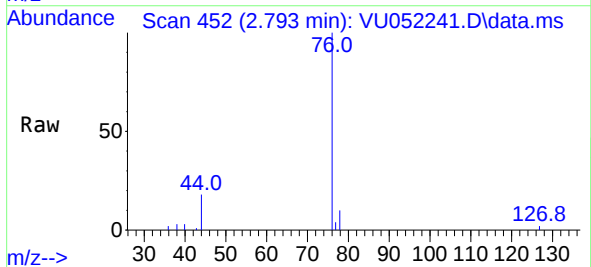
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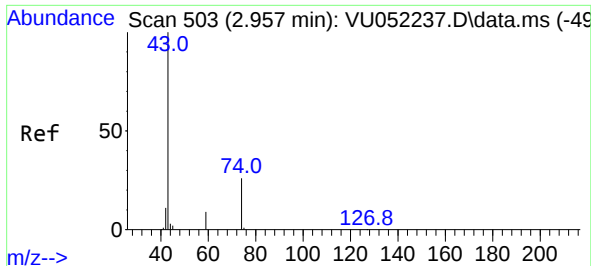
Tgt Ion: 43 Resp: 7778
Ion Ratio Lower Upper
43 100
58 27.2 0.0 76.0



#14
Carbon disulfide
Concen: 0.251 ug/L
RT: 2.793 min Scan# 452
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 13861
Ion Ratio Lower Upper
76 100
78 10.2 7.0 10.4

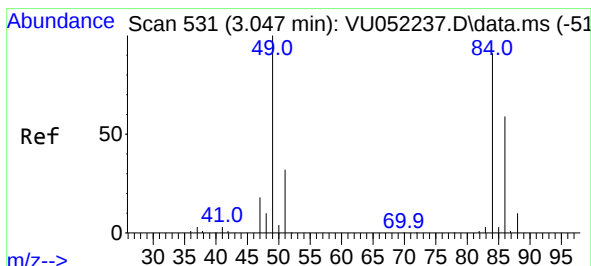
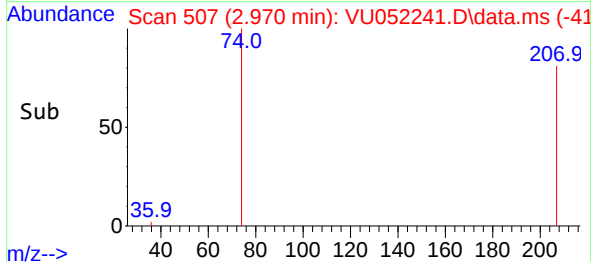
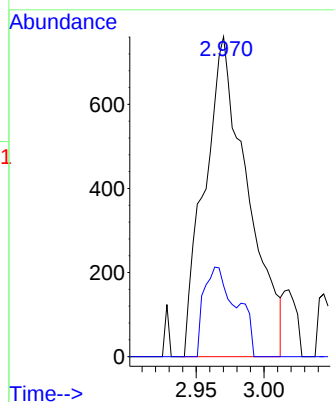
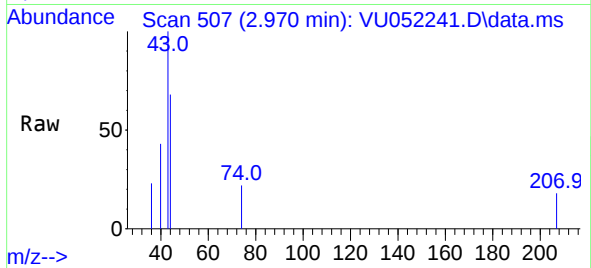




#15
Methyl Acetate
Concen: 0.244 ug/L
RT: 2.970 min Scan# 503
Delta R.T. 0.013 min
Lab File: VU052241.D
Acq: 08 Dec 2022 12:10

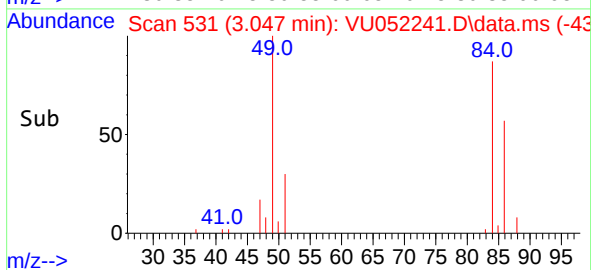
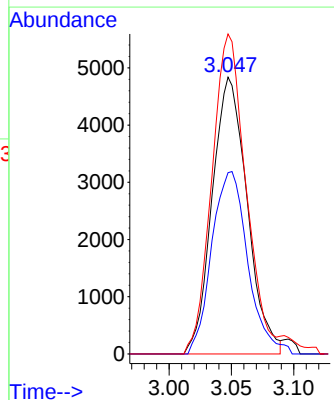
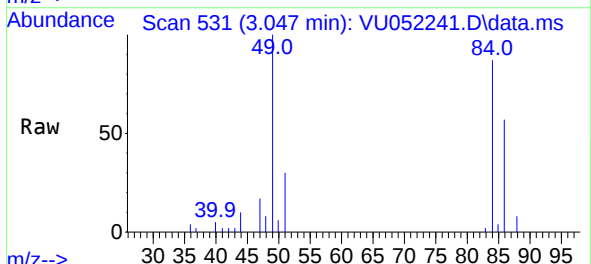
Instrument :
MSVOA_U
ClientSampleId :
MDL07

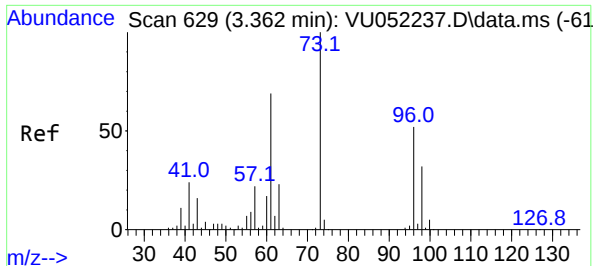
Tgt Ion: 43 Resp: 1667
Ion Ratio Lower Upper
43 100
74 17.0 21.3 31.9#



#16
Methylene chloride
Concen: 0.438 ug/L
RT: 3.047 min Scan# 531
Delta R.T. -0.000 min
Lab File: VU052241.D
Acq: 08 Dec 2022 12:10

Tgt Ion: 84 Resp: 9435
Ion Ratio Lower Upper
84 100
86 65.5 43.8 81.4
49 115.6 75.9 141.1

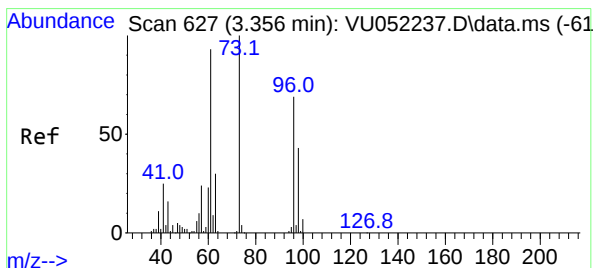
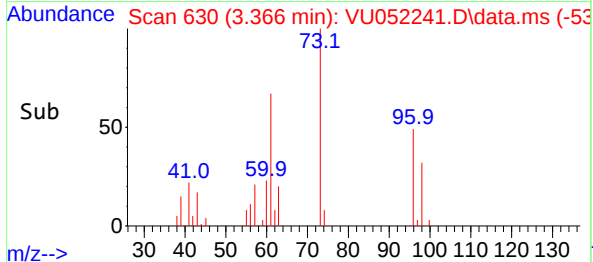
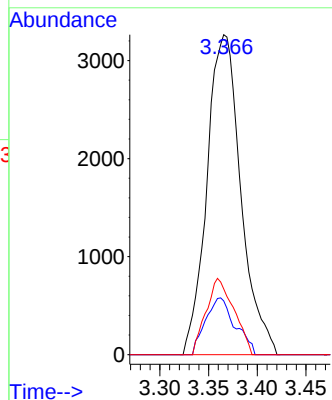
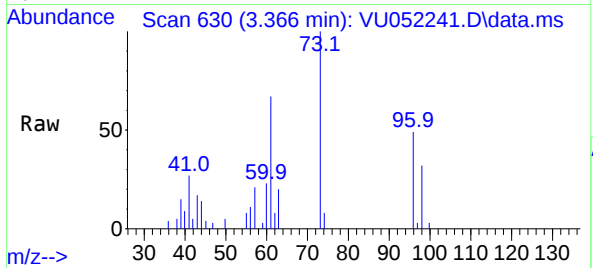




#17
Methyl tert-butyl Ether
Concen: 0.221 ug/L
RT: 3.366 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU052241.D
Acq: 08 Dec 2022 12:10

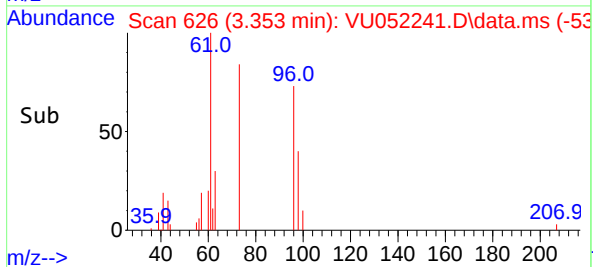
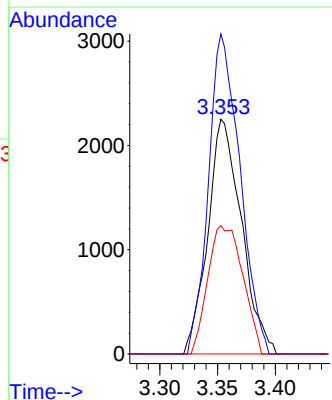
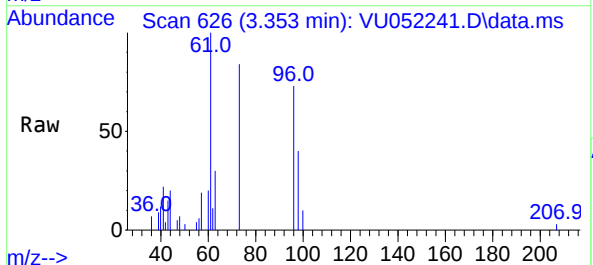
Instrument :
MSVOA_U
ClientSampleId :
MDL07

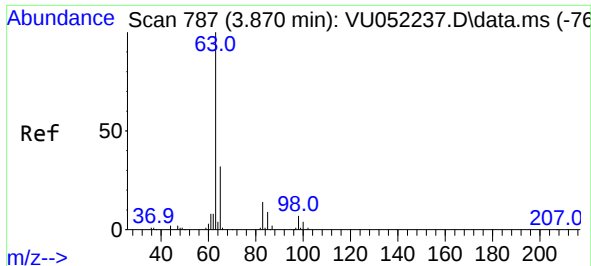
Tgt Ion: 73 Resp: 7895
Ion Ratio Lower Upper
73 100
43 15.5 13.2 19.8
57 19.6 17.8 26.8



#18
trans-1,2-Dichloroethene
Concen: 0.267 ug/L
RT: 3.353 min Scan# 626
Delta R.T. -0.000 min
Lab File: VU052241.D
Acq: 08 Dec 2022 12:10

Tgt Ion: 96 Resp: 4558
Ion Ratio Lower Upper
96 100
61 136.3 97.9 181.7
98 54.7 43.8 81.3

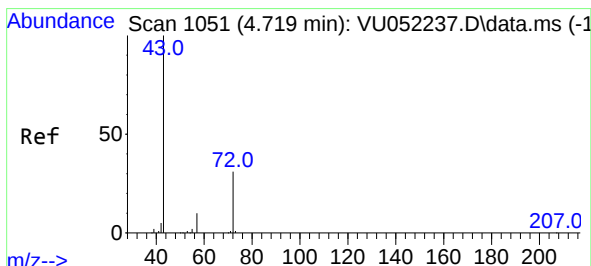
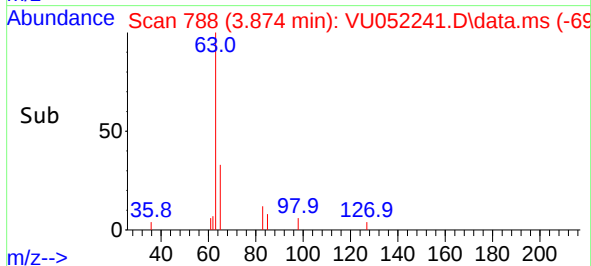
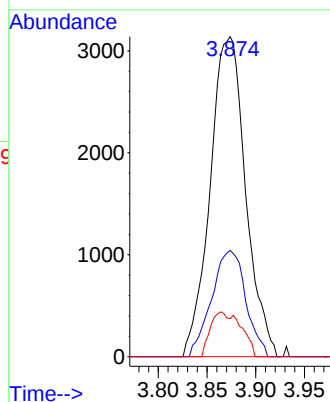
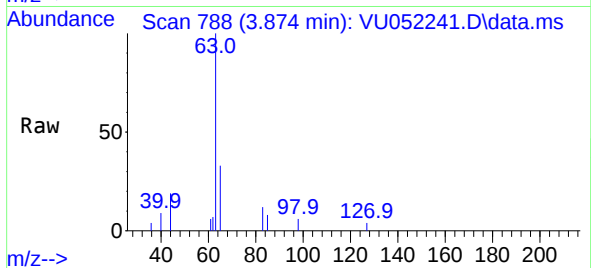




#19
1,1-Dichloroethane
Concen: 0.259 ug/L
RT: 3.874 min Scan# 71
Delta R.T. 0.006 min
Lab File: VU052241.D
Acq: 08 Dec 2022 12:10

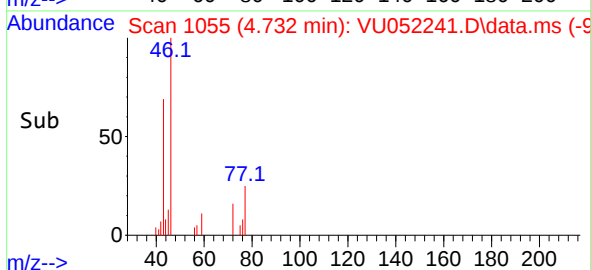
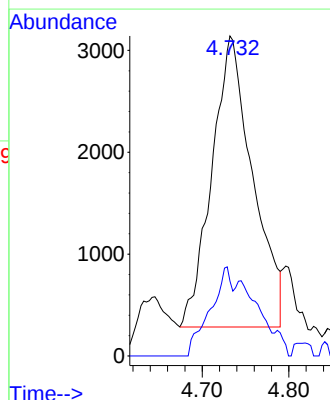
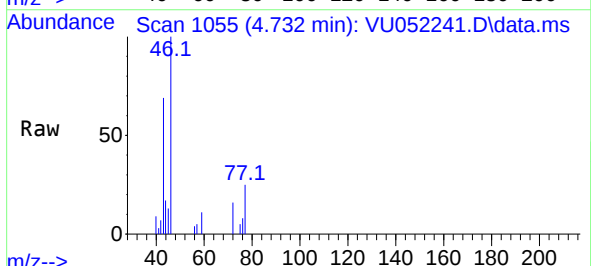
Instrument :
MSVOA_U
ClientSampleId :
MDL07

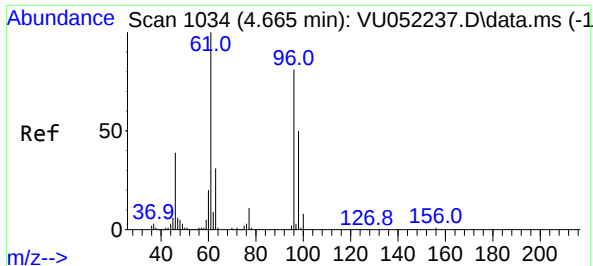
Tgt Ion: 63 Resp: 7958
Ion Ratio Lower Upper
63 100
65 33.2 22.2 41.2
83 11.9 9.2 17.0



#21
2-Butanone
Concen: 2.224 ug/L
RT: 4.732 min Scan# 1055
Delta R.T. 0.019 min
Lab File: VU052241.D
Acq: 08 Dec 2022 12:10

Tgt Ion: 43 Resp: 9374
Ion Ratio Lower Upper
43 100
72 16.2 15.6 46.8





#22

cis-1,2-Dichloroethene

Concen: 0.248 ug/L

RT: 4.671 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VU052241.D

Acq: 08 Dec 2022 12:10

Instrument :

MSVOA_U

ClientSampleId :

MDL07

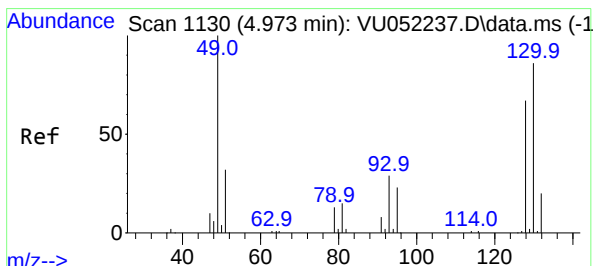
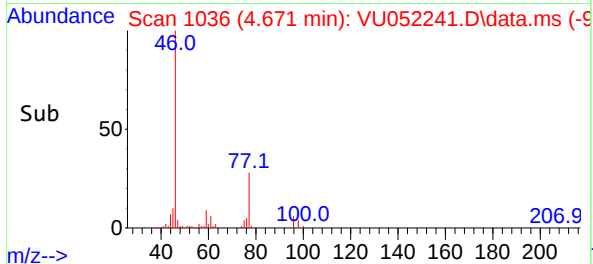
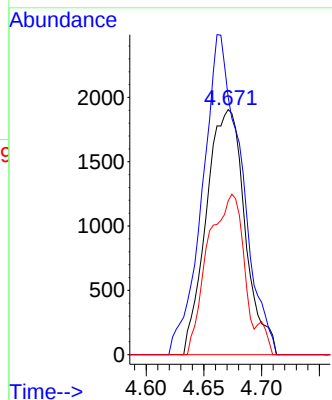
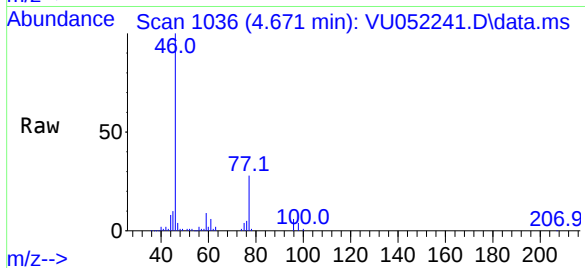
Tgt Ion: 96 Resp: 4437

Ion Ratio Lower Upper

96 100

61 104.9 85.1 158.1

98 62.7 42.8 79.6



#23

Bromochloromethane

Concen: 0.259 ug/L

RT: 4.970 min Scan# 1129

Delta R.T. -0.003 min

Lab File: VU052241.D

Acq: 08 Dec 2022 12:10

Tgt Ion: 128 Resp: 2221

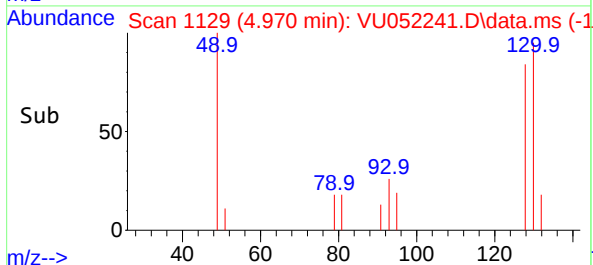
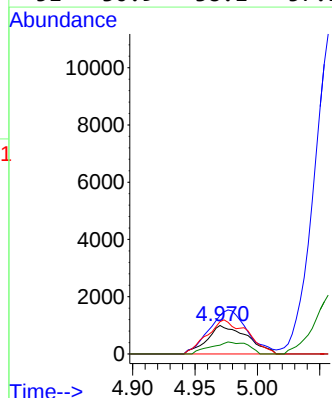
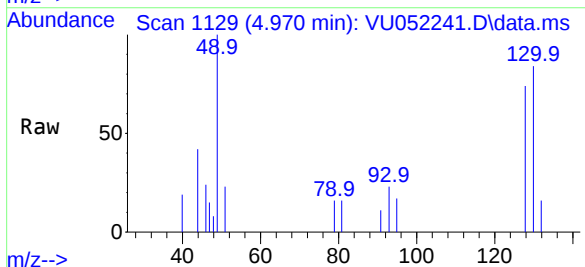
Ion Ratio Lower Upper

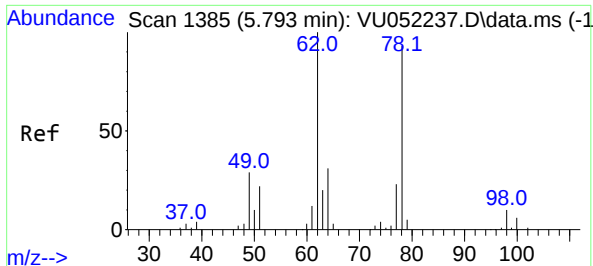
128 100

49 135.2 104.0 193.2

130 113.4 84.6 157.2

51 30.9 38.1 57.1#

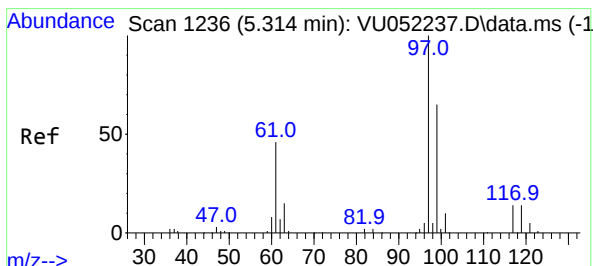
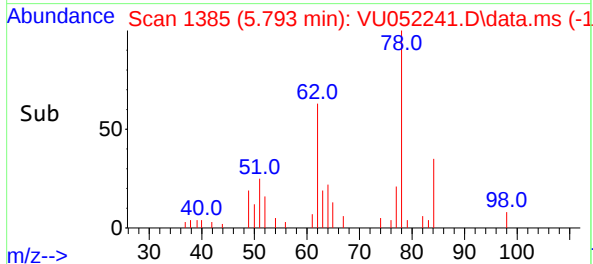
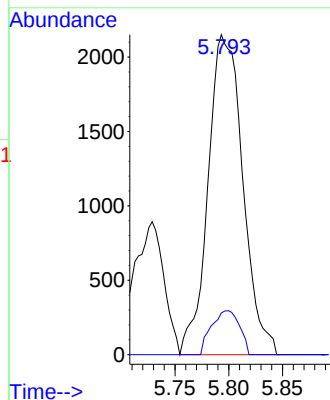
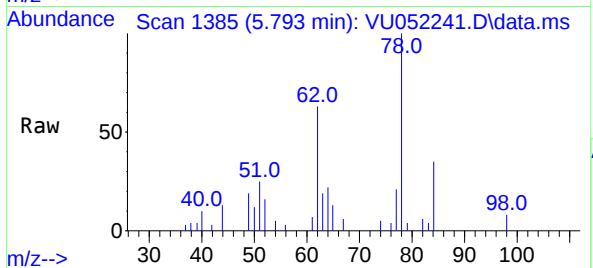




#27
1,2-Dichloroethane
Concen: 0.253 ug/L
RT: 5.793 min Scan# 1385
Delta R.T. -0.000 min
Lab File: VU052241.D
Acq: 08 Dec 2022 12:10

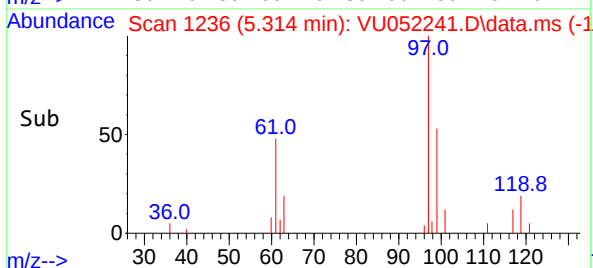
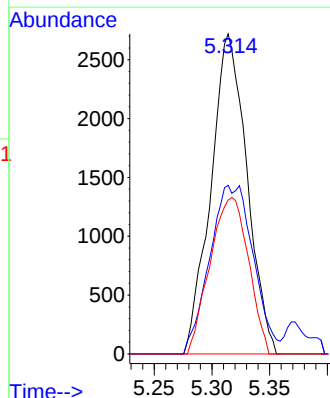
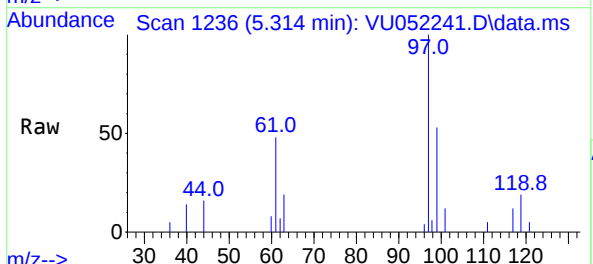
Instrument :
MSVOA_U
ClientSampleId :
MDL07

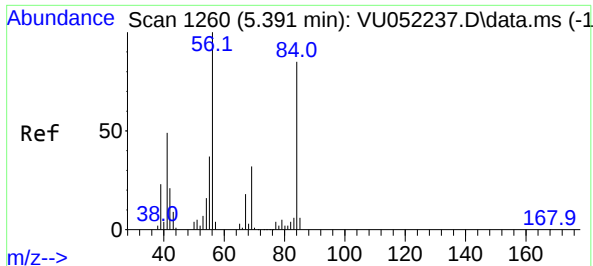
Tgt Ion: 62 Resp: 4828
Ion Ratio Lower Upper
62 100
98 13.0 8.4 12.6#



#29
1,1,1-Trichloroethane
Concen: 0.232 ug/L
RT: 5.314 min Scan# 1236
Delta R.T. -0.000 min
Lab File: VU052241.D
Acq: 08 Dec 2022 12:10

Tgt Ion: 97 Resp: 5907
Ion Ratio Lower Upper
97 100
99 63.9 51.0 76.6
61 52.0 36.9 55.3

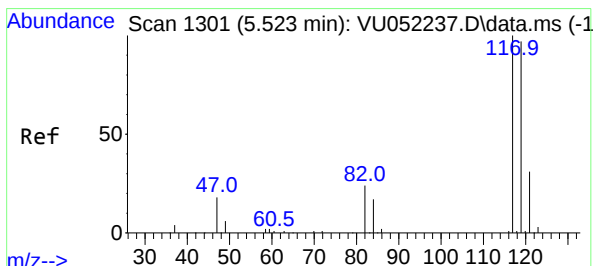
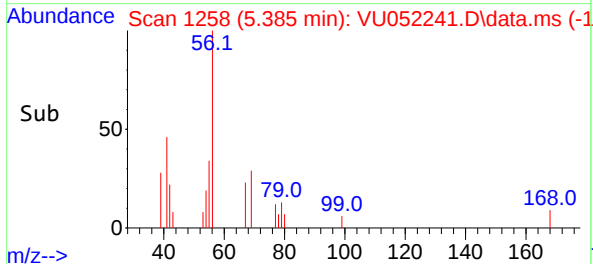
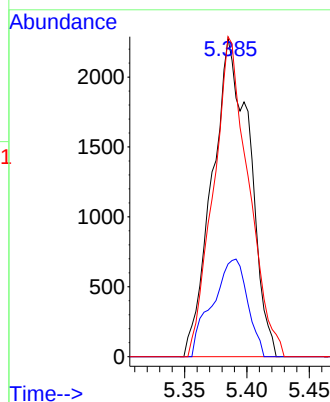
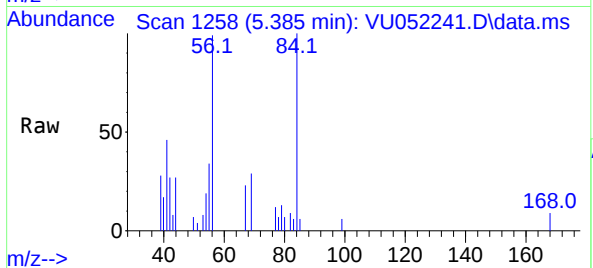




#30
Cyclohexane
Concen: 0.193 ug/L
RT: 5.385 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU052241.D
Acq: 08 Dec 2022 12:10

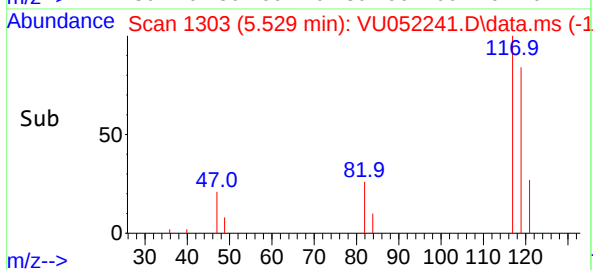
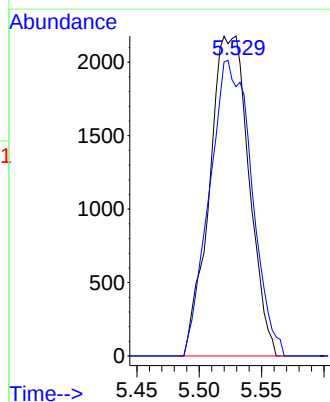
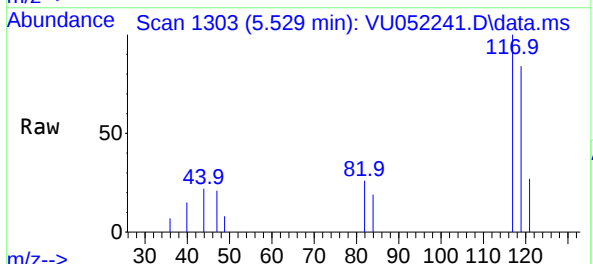
Instrument :
MSVOA_U
ClientSampleId :
MDL07

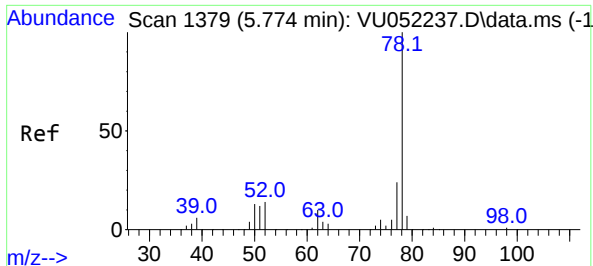
Tgt Ion: 56	Resp:	4767
Ion	Ratio	Lower Upper
56	100	
69	28.6	25.6 38.4
84	93.5	72.0 108.0



#31
Carbon tetrachloride
Concen: 0.223 ug/L
RT: 5.529 min Scan# 1303
Delta R.T. 0.006 min
Lab File: VU052241.D
Acq: 08 Dec 2022 12:10

Tgt Ion: 117	Resp:	4809
Ion	Ratio	Lower Upper
117	100	
119	98.5	77.2 115.8

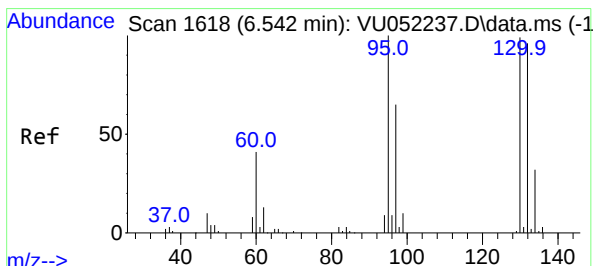
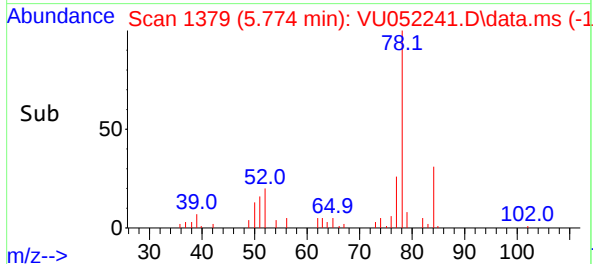
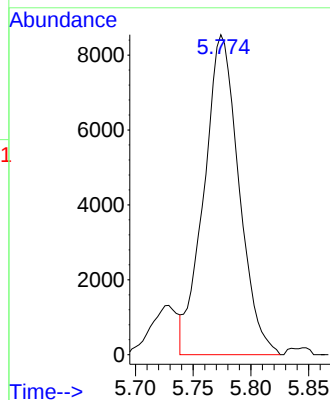
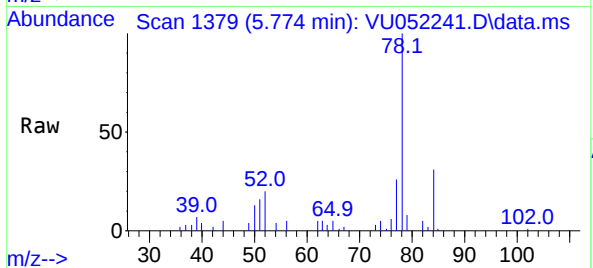




#33
Benzene
Concen: 0.241 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VU052241.D
Acq: 08 Dec 2022 12:10

Instrument : MSVOA_U
ClientSampleId : MDL07

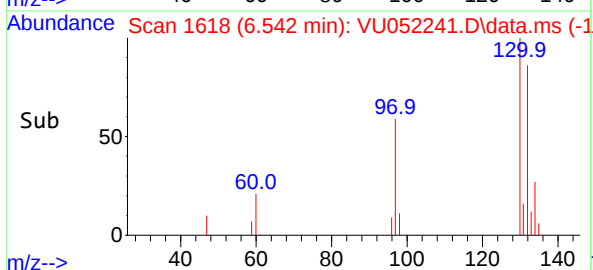
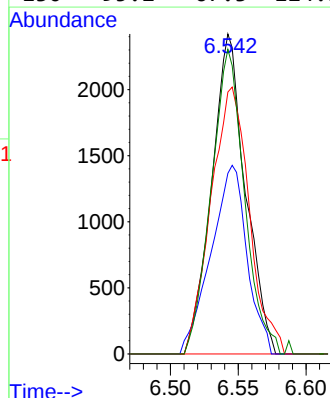
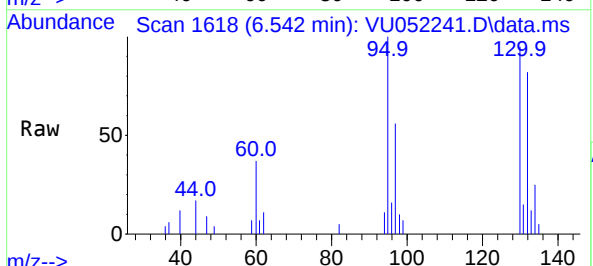
Tgt Ion: 78 Resp: 17955

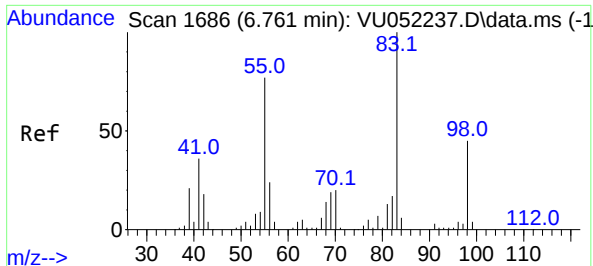


#34
Trichloroethene
Concen: 0.226 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VU052241.D
Acq: 08 Dec 2022 12:10

Tgt Ion: 95 Resp: 4198

Ion	Ratio	Lower	Upper
95	100		
97	56.4	43.7	81.1
132	81.9	64.3	119.3
130	95.2	67.3	124.9





#35

Methylcyclohexane

Concen: 0.196 ug/L

RT: 6.761 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU052241.D

Acq: 08 Dec 2022 12:10

Instrument :

MSVOA_U

ClientSampleId :

MDL07

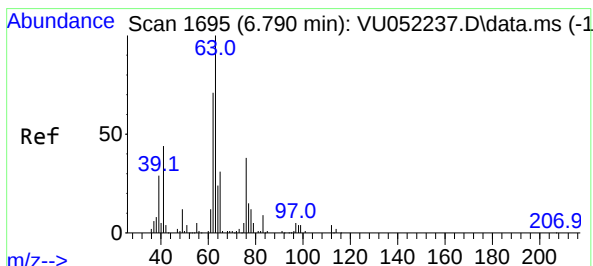
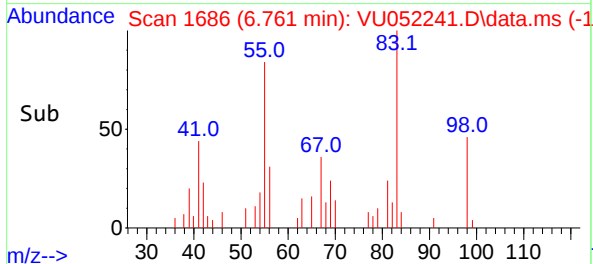
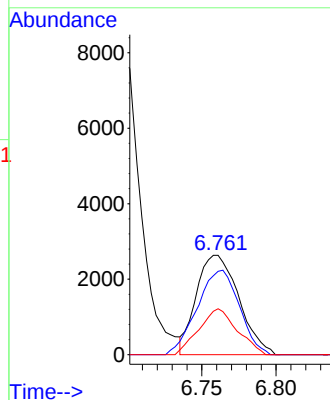
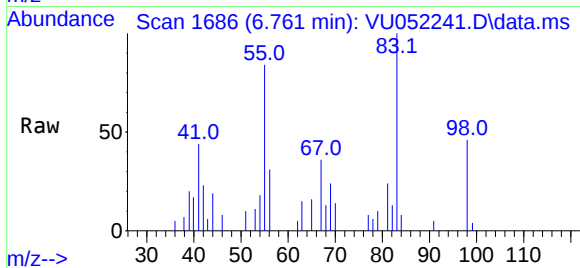
Tgt Ion: 83 Resp: 5252

Ion Ratio Lower Upper

83 100

55 84.0 60.8 91.2

98 41.6 35.1 52.7



#37

1,2-Dichloropropane

Concen: 0.260 ug/L

RT: 6.787 min Scan# 1694

Delta R.T. -0.003 min

Lab File: VU052241.D

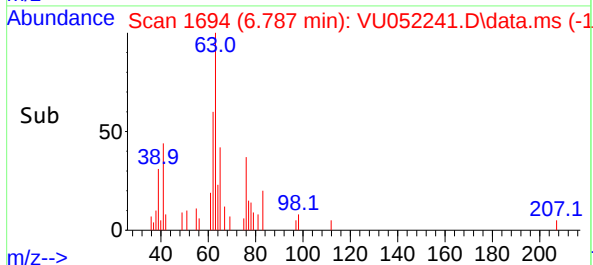
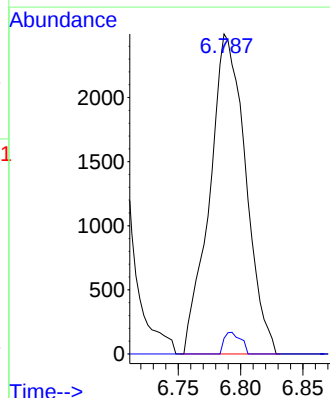
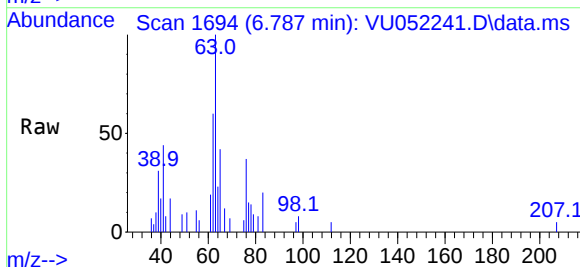
Acq: 08 Dec 2022 12:10

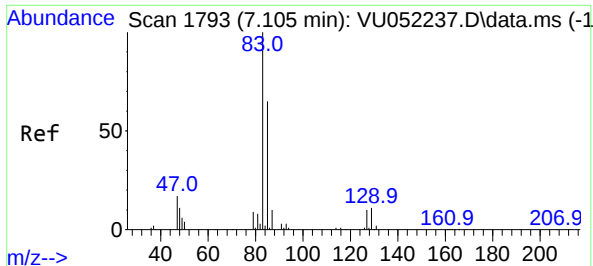
Tgt Ion: 63 Resp: 5015

Ion Ratio Lower Upper

63 100

112 3.1 3.3 4.9#

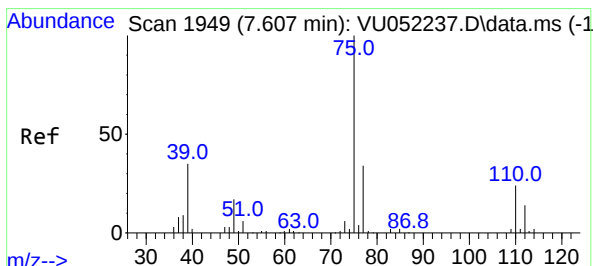
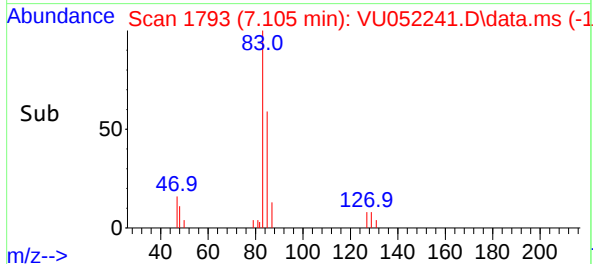
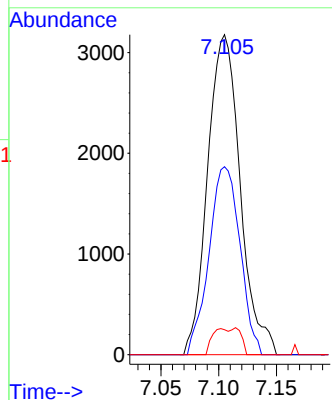
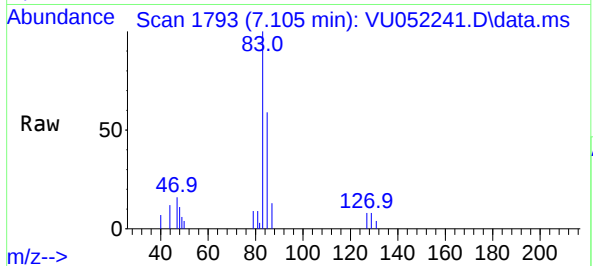




#38
Bromodichloromethane
Concen: 0.265 ug/L
RT: 7.105 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU052241.D
Acq: 08 Dec 2022 12:10

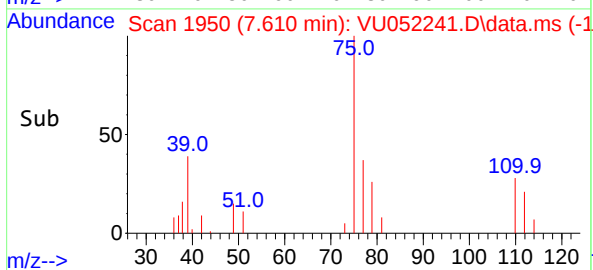
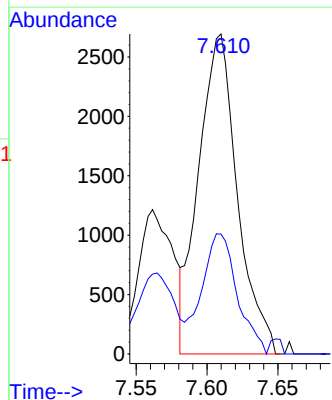
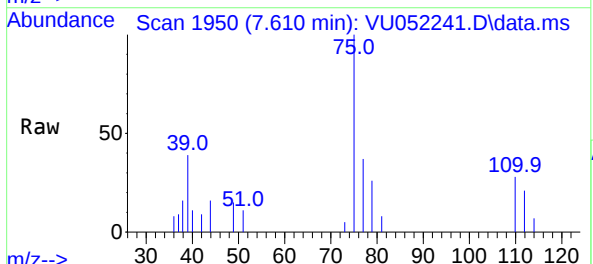
Instrument :
MSVOA_U
ClientSampleId :
MDL07

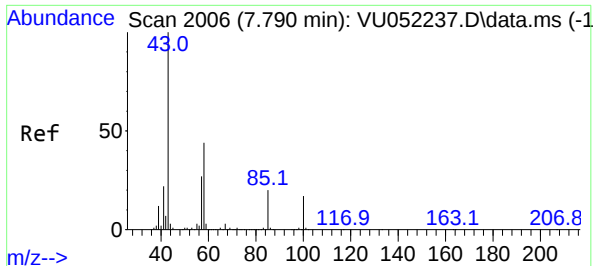
Tgt Ion: 83 Resp: 6240
Ion Ratio Lower Upper
83 100
85 58.8 43.5 80.9
127 7.8 6.8 10.2



#39
cis-1,3-Dichloropropene
Concen: 0.206 ug/L
RT: 7.610 min Scan# 1950
Delta R.T. 0.006 min
Lab File: VU052241.D
Acq: 08 Dec 2022 12:10

Tgt Ion: 75 Resp: 5114
Ion Ratio Lower Upper
75 100
77 37.5 22.0 40.8





#40

4-Methyl-2-pentanone

Concen: 2.004 ug/L

RT: 7.793 min Scan# 2006

Delta R.T. 0.003 min

Lab File: VU052241.D

Acq: 08 Dec 2022 12:10

Instrument :

MSVOA_U

ClientSampleId :

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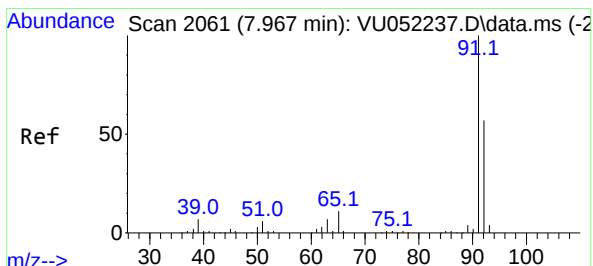
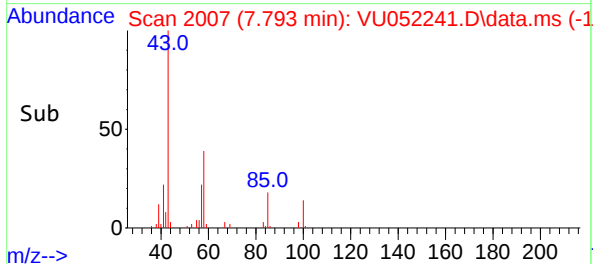
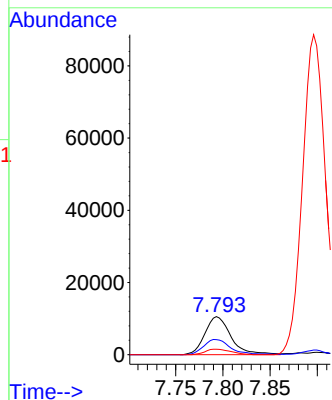
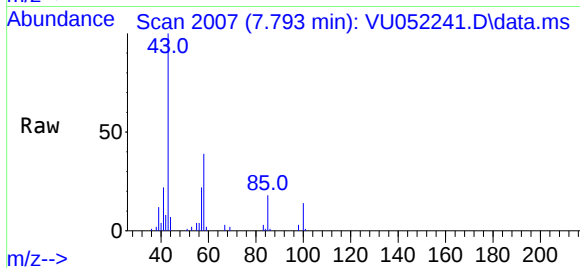
Tgt Ion: 43 Resp: 20224

Ion Ratio Lower Upper

43 100

58 41.6 35.3 52.9

100 0.0 13.6 20.4#



#42

Toluene

Concen: 0.216 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VU052241.D

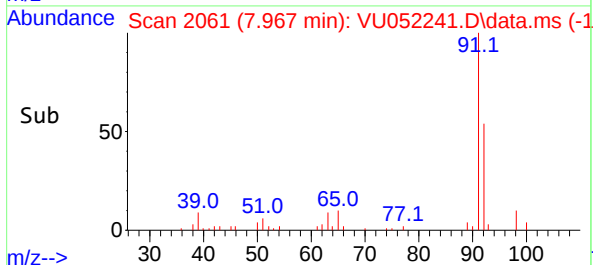
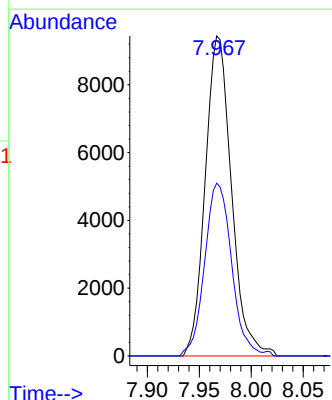
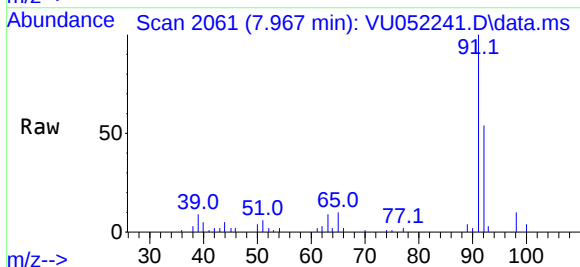
Acq: 08 Dec 2022 12:10

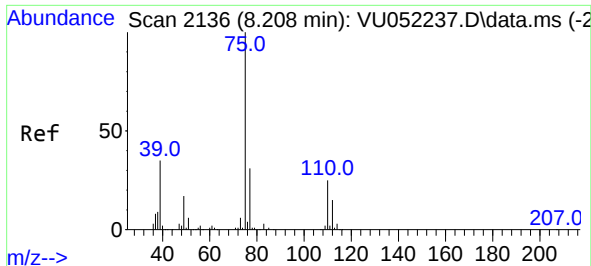
Tgt Ion: 91 Resp: 16563

Ion Ratio Lower Upper

91 100

92 54.0 40.7 75.5

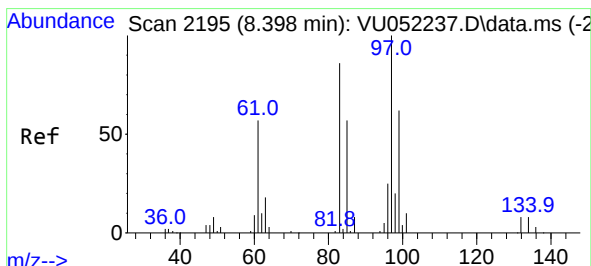
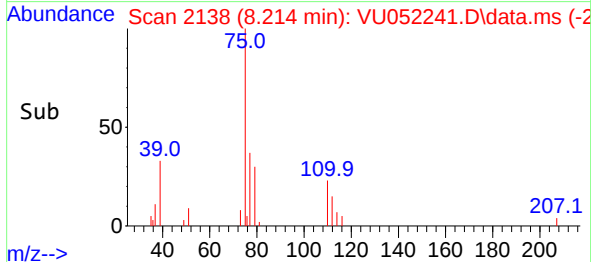
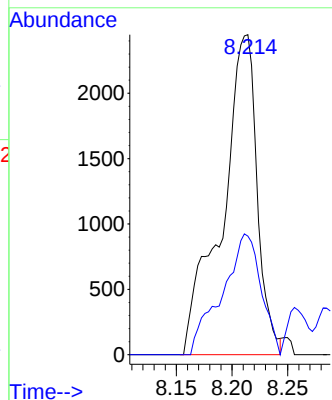
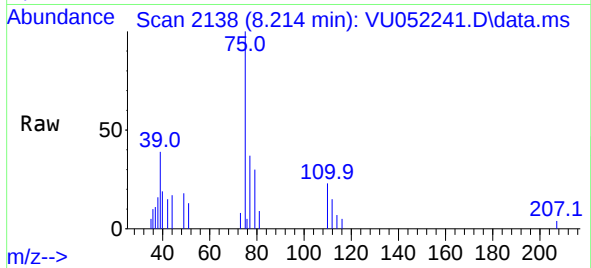




#44
trans-1,3-Dichloropropene
Concen: 0.254 ug/L
RT: 8.214 min Scan# 2136
Delta R.T. 0.006 min
Lab File: VU052241.D
Acq: 08 Dec 2022 12:10

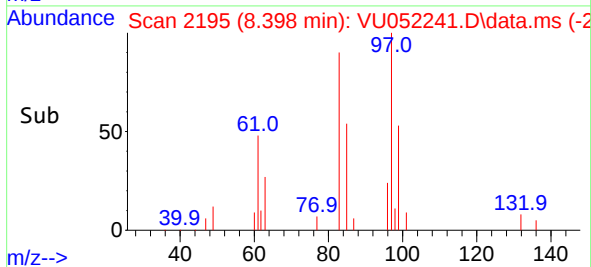
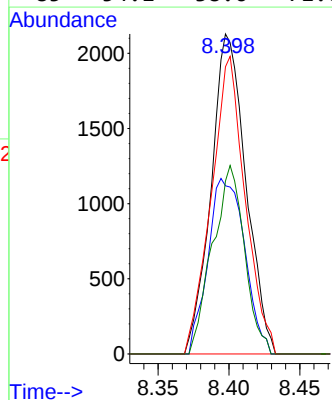
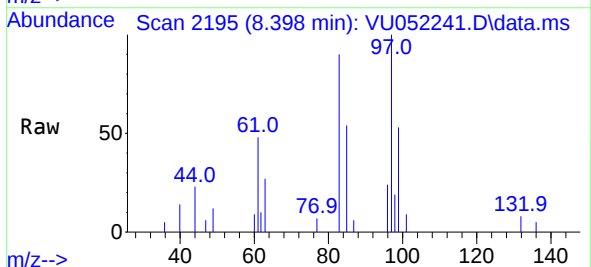
Instrument :
MSVOA_U
ClientSampleId :
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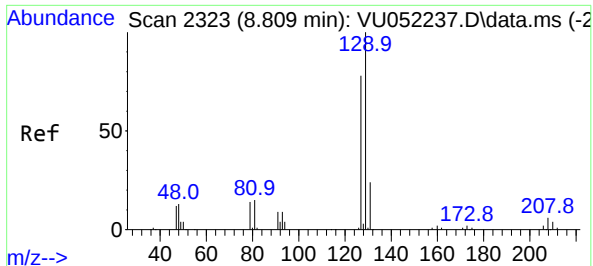
Tgt Ion: 75 Resp: 5402
Ion Ratio Lower Upper
75 100
77 37.1 22.6 42.0



#45
1,1,2-Trichloroethane
Concen: 0.250 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. -0.000 min
Lab File: VU052241.D
Acq: 08 Dec 2022 12:10

Tgt Ion: 97 Resp: 3634
Ion Ratio Lower Upper
97 100
99 52.6 42.6 79.2
83 89.8 60.7 112.7
85 54.1 38.6 71.6

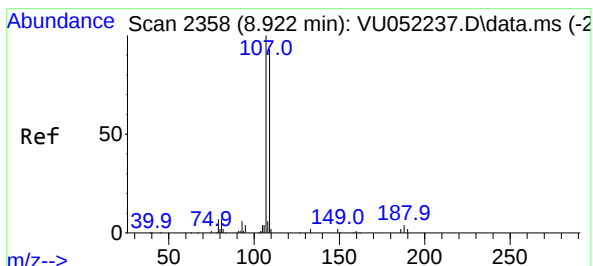
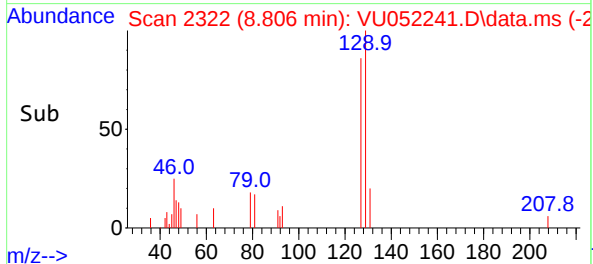
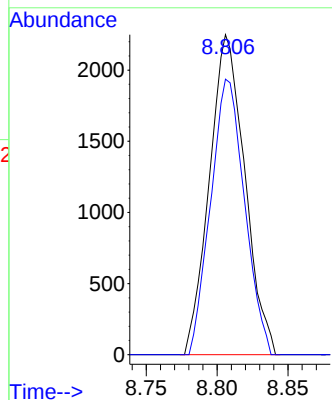
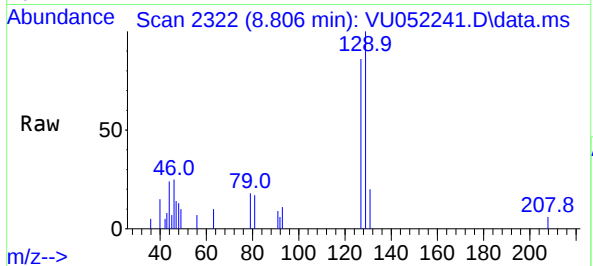




#49
Dibromochloromethane
Concen: 0.240 ug/L
RT: 8.806 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU052241.D
Acq: 08 Dec 2022 12:10

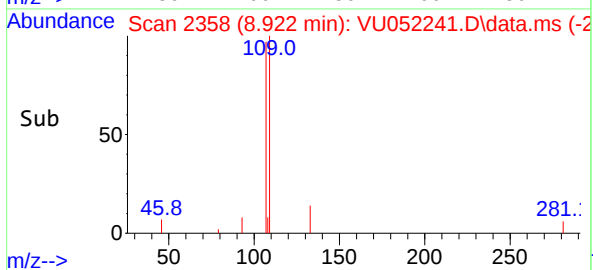
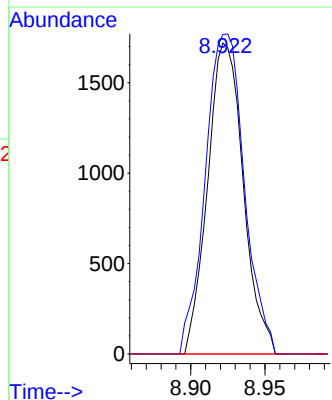
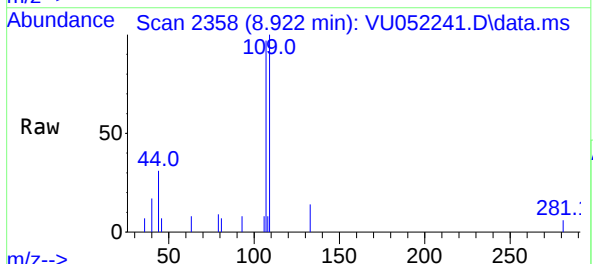
Instrument :
MSVOA_U
ClientSampleId :
MDL07

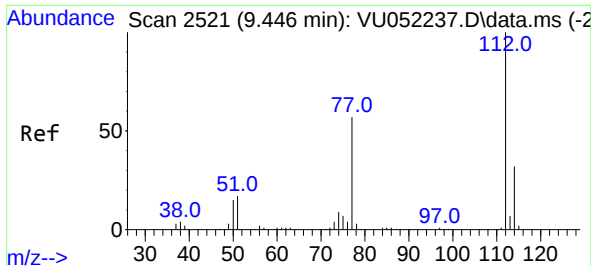
Tgt Ion:129 Resp: 3908
Ion Ratio Lower Upper
129 100
127 86.1 52.8 98.2



#50
1,2-Dibromoethane
Concen: 0.217 ug/L
RT: 8.922 min Scan# 2358
Delta R.T. -0.000 min
Lab File: VU052241.D
Acq: 08 Dec 2022 12:10

Tgt Ion:107 Resp: 2874
Ion Ratio Lower Upper
107 100
109 102.7 64.9 120.5
188 0.0 2.6 4.0#

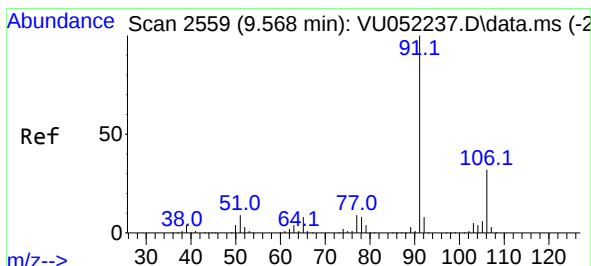
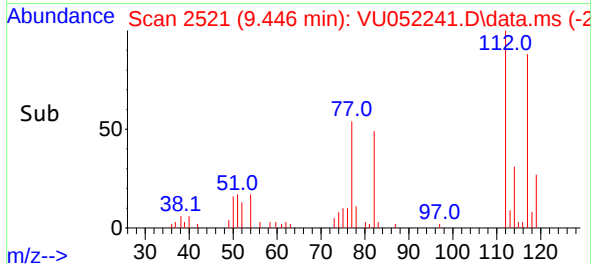
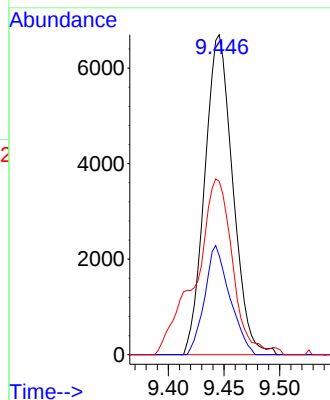
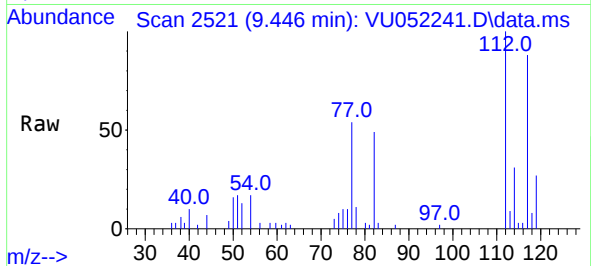




#51
Chlorobenzene
Concen: 0.240 ug/L
RT: 9.446 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VU052241.D
Acq: 08 Dec 2022 12:10

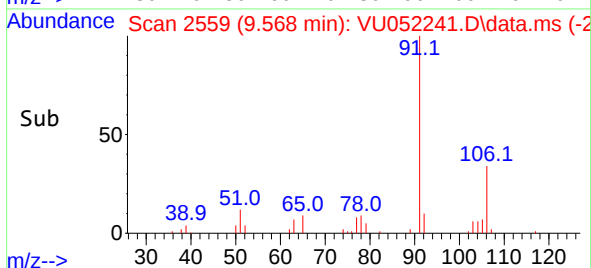
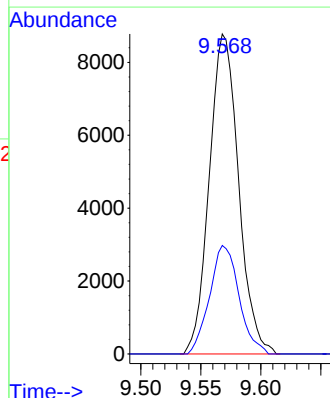
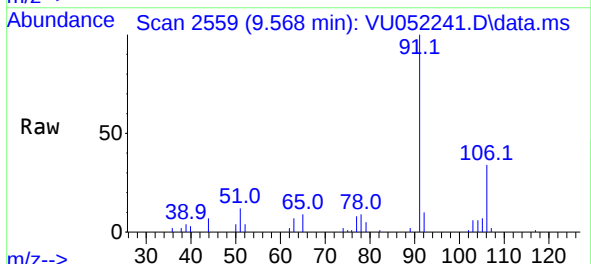
Instrument :
MSVOA_U
ClientSampleId :
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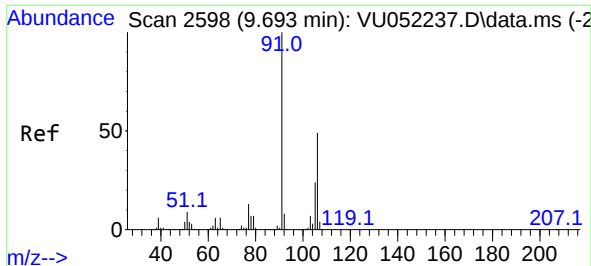
Tgt Ion:112 Resp: 11720
Ion Ratio Lower Upper
112 100
114 31.0 22.2 41.2
77 54.2 46.6 70.0



#52
Ethylbenzene
Concen: 0.200 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. -0.000 min
Lab File: VU052241.D
Acq: 08 Dec 2022 12:10

Tgt Ion: 91 Resp: 14892
Ion Ratio Lower Upper
91 100
106 33.9 22.3 41.3

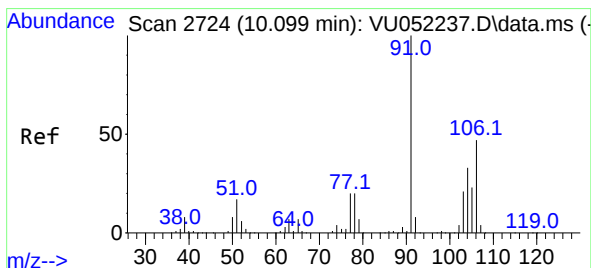
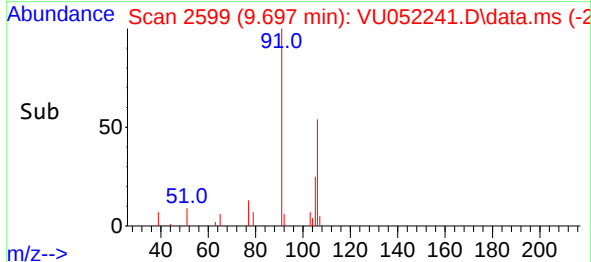
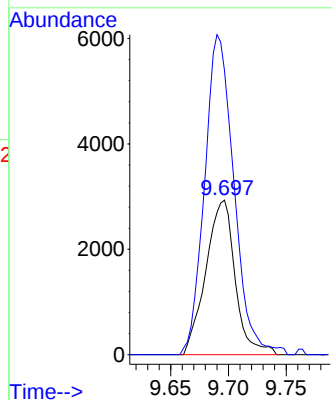
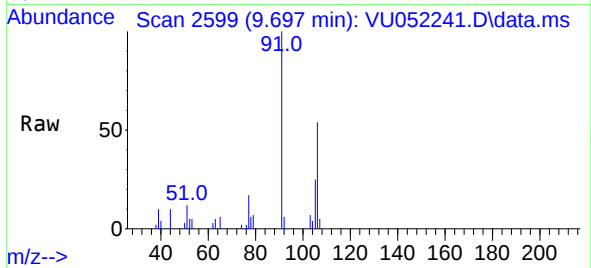




#53
m,p-Xylene
Concen: 0.179 ug/L
RT: 9.697 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU052241.D
Acq: 08 Dec 2022 12:10

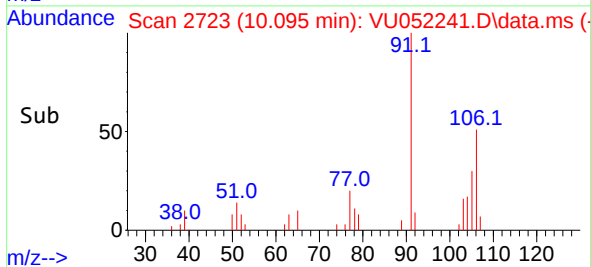
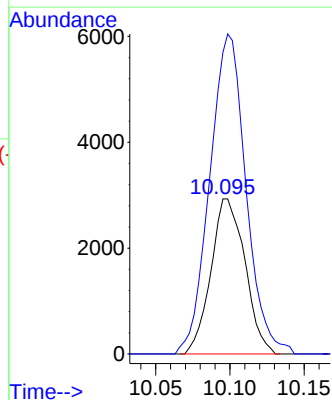
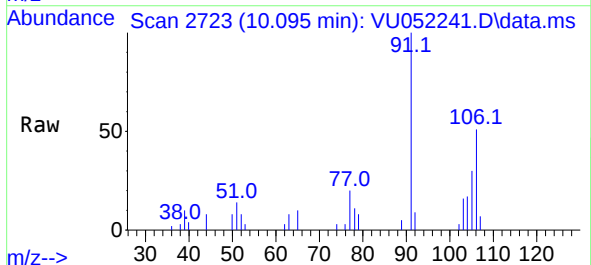
Instrument :
MSVOA_U
ClientSampleId :
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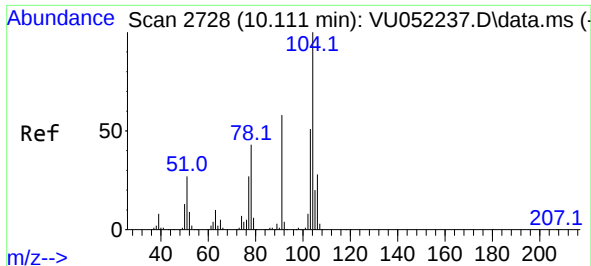
Tgt Ion:106 Resp: 5183
Ion Ratio Lower Upper
106 100
91 183.5 137.7 255.7



#54
o-Xylene
Concen: 0.169 ug/L
RT: 10.095 min Scan# 2723
Delta R.T. -0.003 min
Lab File: VU052241.D
Acq: 08 Dec 2022 12:10

Tgt Ion:106 Resp: 4669
Ion Ratio Lower Upper
106 100
91 194.4 151.5 281.5

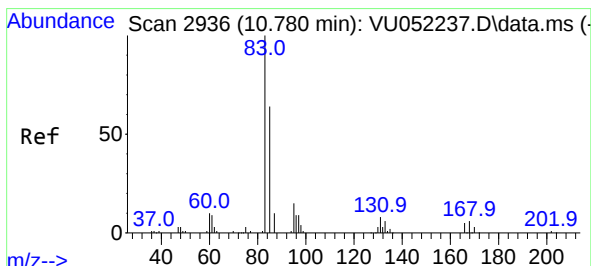
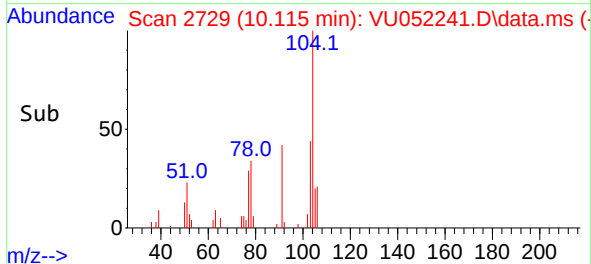
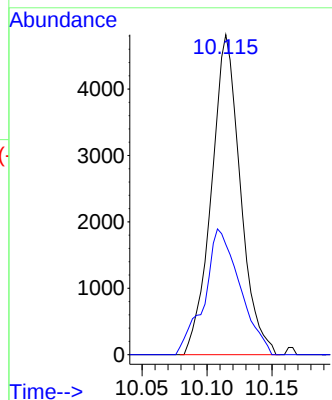
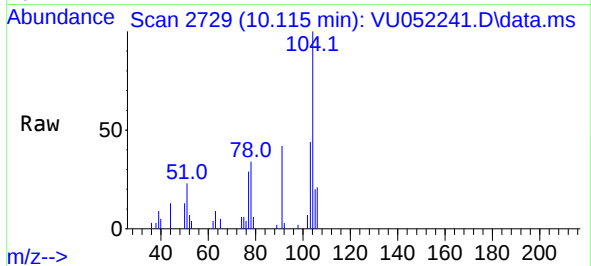




#55
Styrene
Concen: 0.159 ug/L
RT: 10.115 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU052241.D
Acq: 08 Dec 2022 12:10

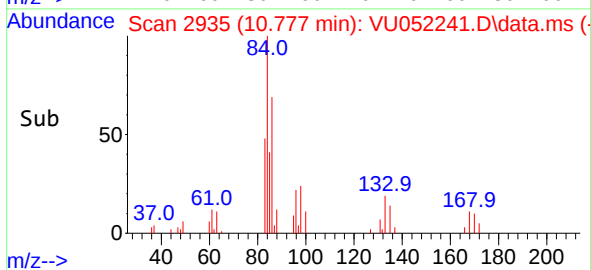
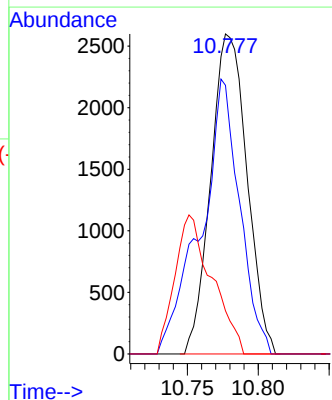
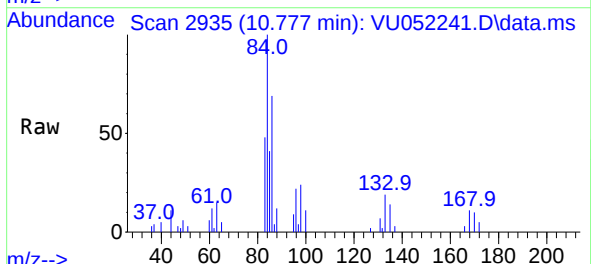
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MSVOA_U
ClientSampleId :
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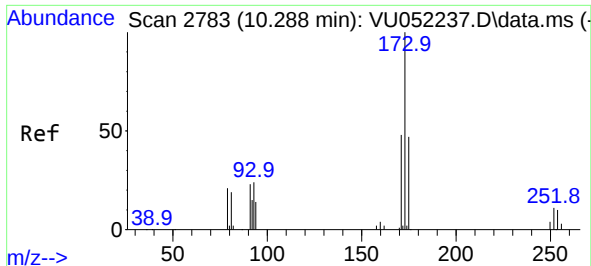
Tgt Ion:104 Resp: 7459
Ion Ratio Lower Upper
104 100
78 34.5 30.6 56.8



#57
1,1,2,2-Tetrachloroethane
Concen: 0.255 ug/L
RT: 10.777 min Scan# 2935
Delta R.T. -0.003 min
Lab File: VU052241.D
Acq: 08 Dec 2022 12:10

Tgt Ion: 83 Resp: 4624
Ion Ratio Lower Upper
83 100
85 84.0 45.7 84.9
131 13.5 7.6 11.4#

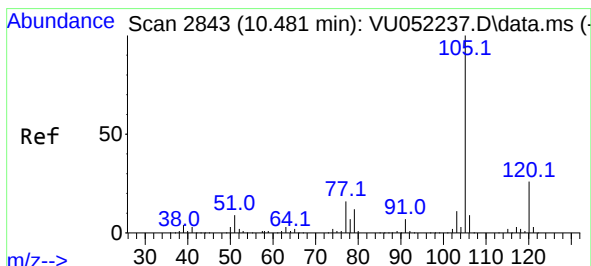
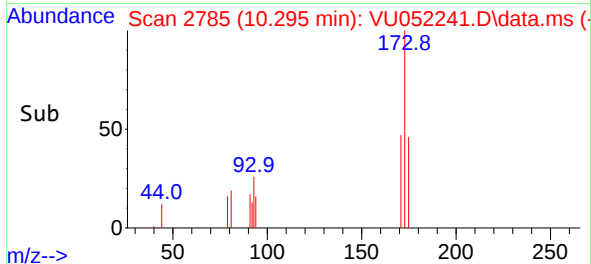
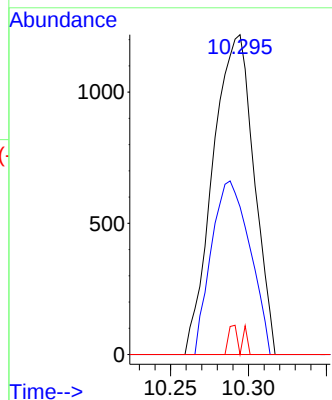
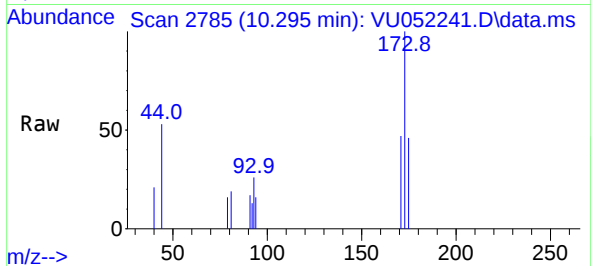




#59
Bromoform
Concen: 0.262 ug/L
RT: 10.295 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU052241.D
Acq: 08 Dec 2022 12:10

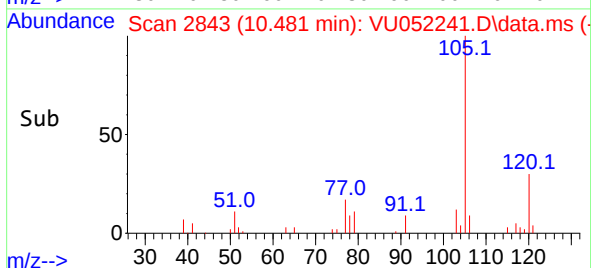
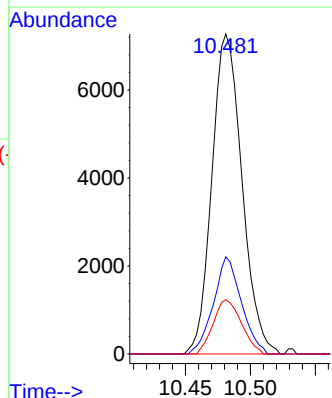
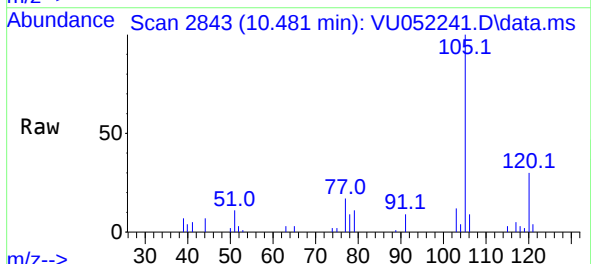
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ClientSampleId :
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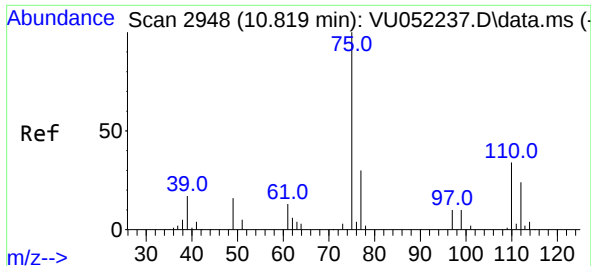
Tgt Ion:173 Resp: 2224
Ion Ratio Lower Upper
173 100
175 51.1 37.2 55.8
254 2.8 7.0 10.6#



#60
Isopropylbenzene
Concen: 0.181 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. -0.000 min
Lab File: VU052241.D
Acq: 08 Dec 2022 12:10

Tgt Ion:105 Resp: 11698
Ion Ratio Lower Upper
105 100
120 28.2 21.0 31.6
77 15.9 12.5 18.7

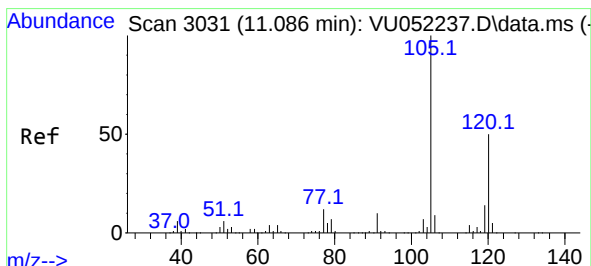
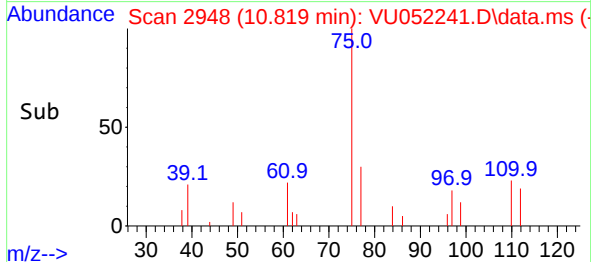
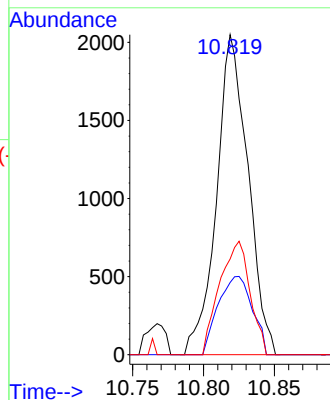
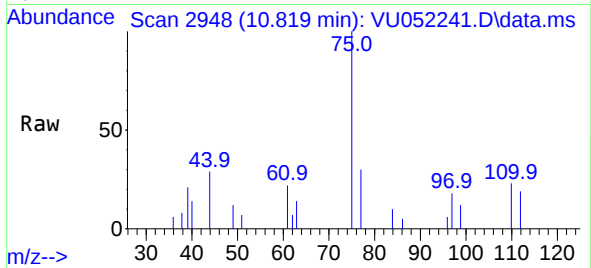




#61
1,2,3-Trichloropropane
Concen: 0.268 ug/L
RT: 10.819 min Scan# 2948
Delta R.T. -0.000 min
Lab File: VU052241.D
Acq: 08 Dec 2022 12:10

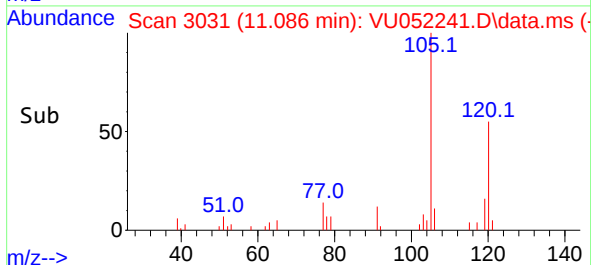
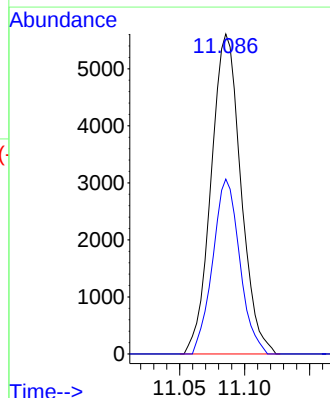
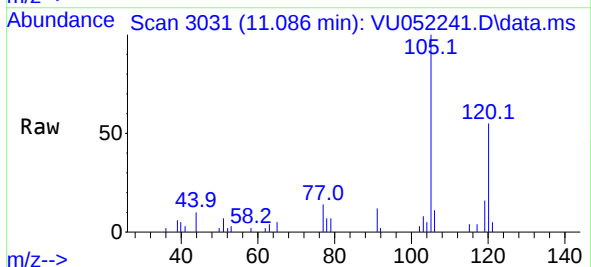
Instrument :
MSVOA_U
ClientSampleId :
MDL07

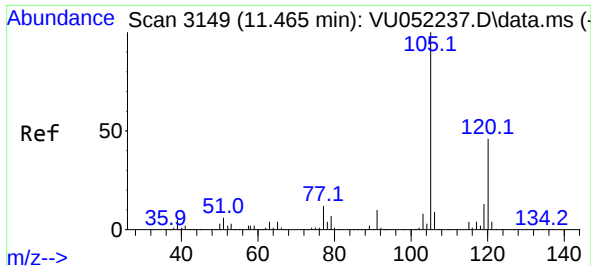
Tgt Ion: 75 Resp: 3160
Ion Ratio Lower Upper
75 100
110 26.5 28.3 42.5#
77 34.4 26.2 39.2



#62
1,3,5-Trimethylbenzene
Concen: 0.172 ug/L
RT: 11.086 min Scan# 3031
Delta R.T. -0.000 min
Lab File: VU052241.D
Acq: 08 Dec 2022 12:10

Tgt Ion: 105 Resp: 8922
Ion Ratio Lower Upper
105 100
120 49.6 38.7 58.1

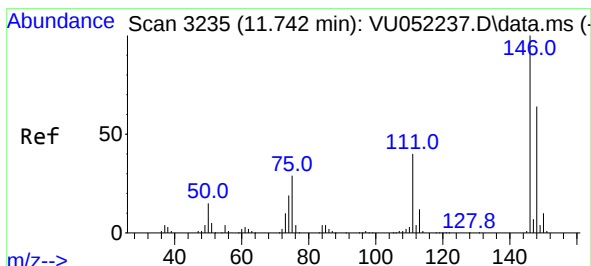
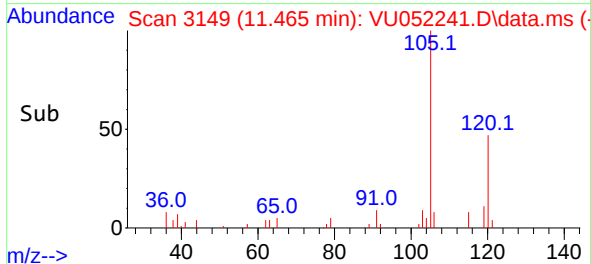
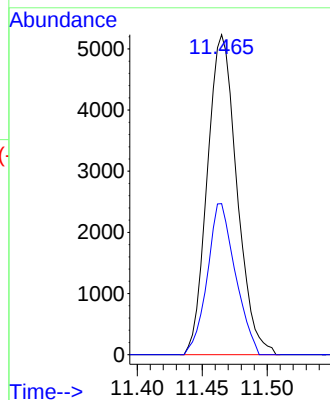
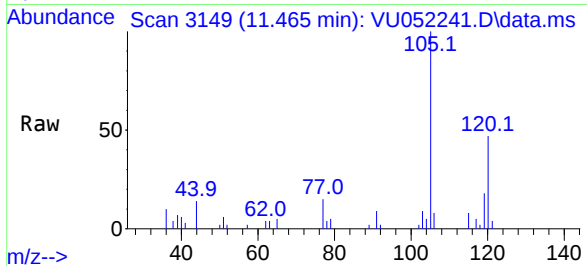




#63
1,2,4-Trimethylbenzene
Concen: 0.161 ug/L
RT: 11.465 min Scan# 3149
Delta R.T. -0.000 min
Lab File: VU052241.D
Acq: 08 Dec 2022 12:10

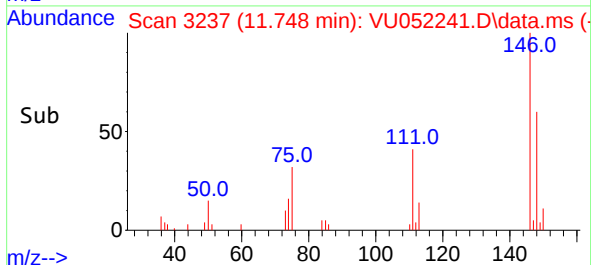
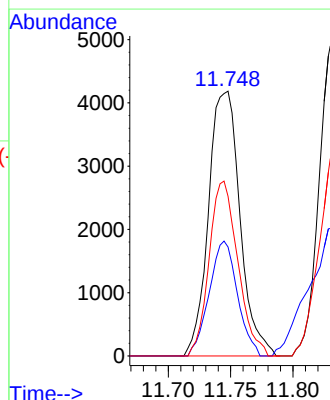
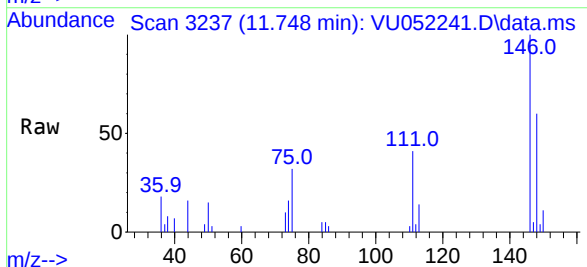
Instrument :
MSVOA_U
ClientSampleId :
MDL07

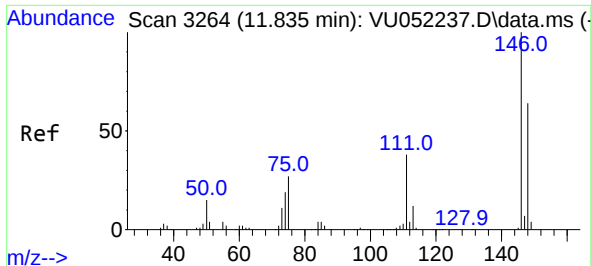
Tgt Ion:105 Resp: 8273
Ion Ratio Lower Upper
105 100
120 44.8 36.6 55.0



#64
1,3-Dichlorobenzene
Concen: 0.222 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. 0.006 min
Lab File: VU052241.D
Acq: 08 Dec 2022 12:10

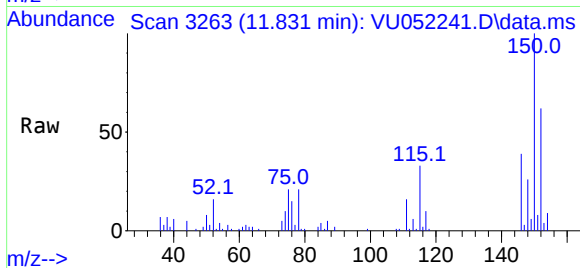
Tgt Ion:146 Resp: 7357
Ion Ratio Lower Upper
146 100
111 41.1 28.6 53.2
148 60.3 45.4 84.2



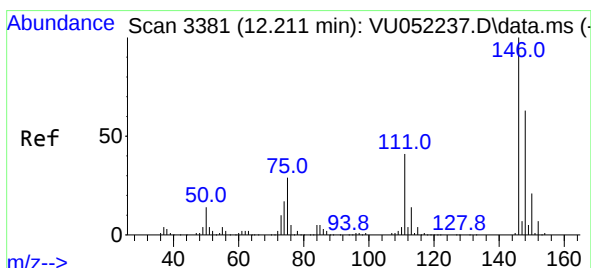
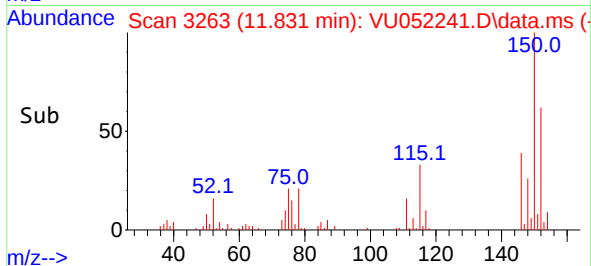
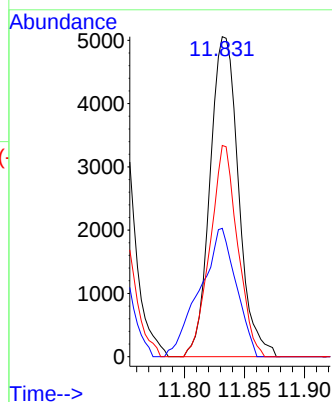


#65
1,4-Dichlorobenzene
Concen: 0.254 ug/L
RT: 11.831 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU052241.D
Acq: 08 Dec 2022 12:10

Instrument :
MSVOA_U
ClientSampleId :
MDL07

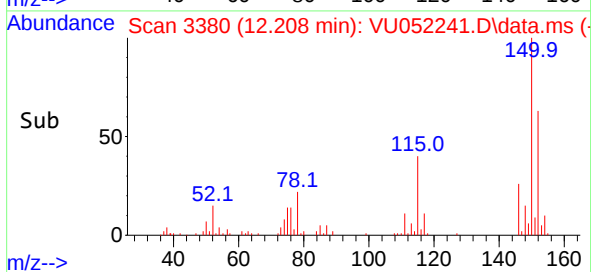
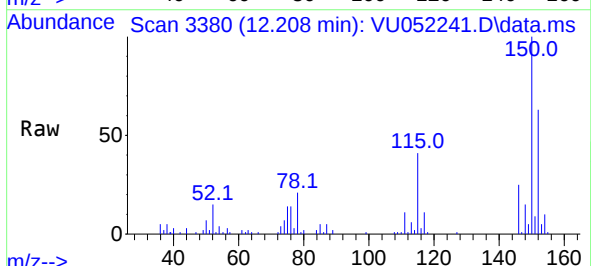
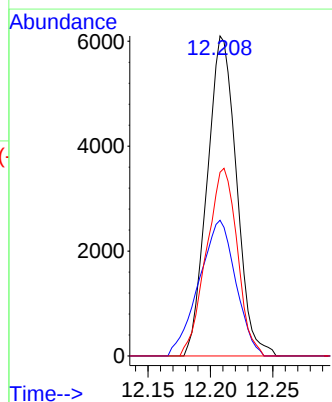


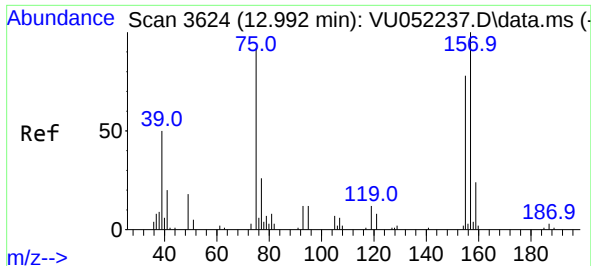
Tgt Ion:146 Resp: 8362
Ion Ratio Lower Upper
146 100
111 40.1 26.9 50.1
148 66.0 45.1 83.7



#67
1,2-Dichlorobenzene
Concen: 0.314 ug/L
RT: 12.208 min Scan# 3380
Delta R.T. -0.000 min
Lab File: VU052241.D
Acq: 08 Dec 2022 12:10

Tgt Ion:146 Resp: 9993
Ion Ratio Lower Upper
146 100
111 42.4 32.7 49.1
148 57.4 50.6 75.8

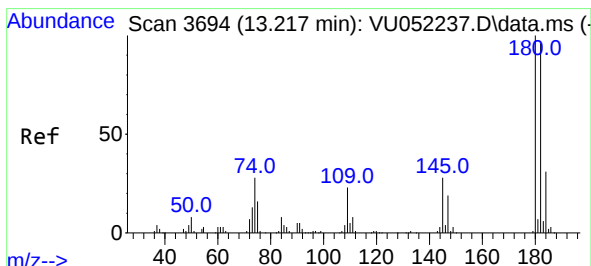
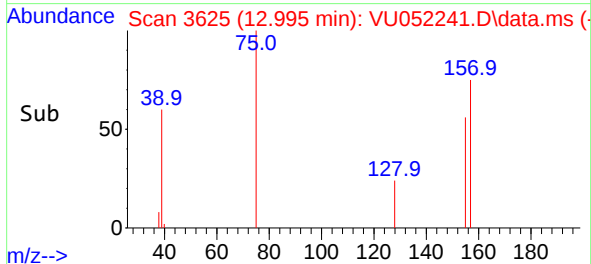
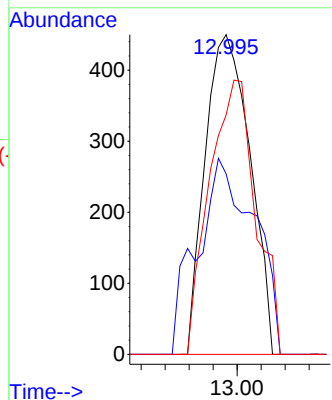
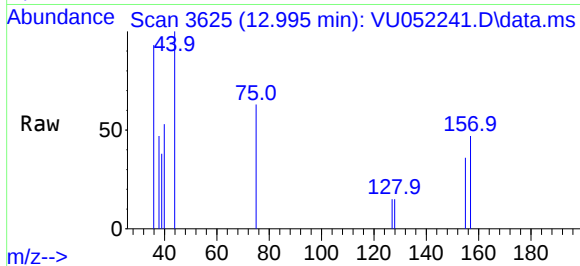




#68
1,2-Dibromo-3-chloropropane
Concen: 0.227 ug/L
RT: 12.995 min Scan# 30
Delta R.T. 0.003 min
Lab File: VU052241.D
Acq: 08 Dec 2022 12:10

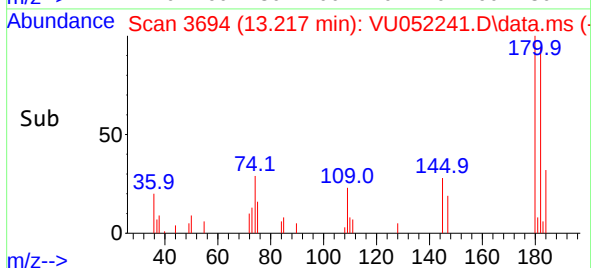
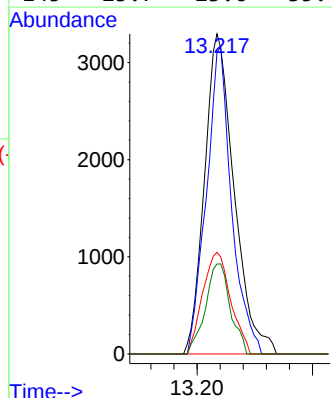
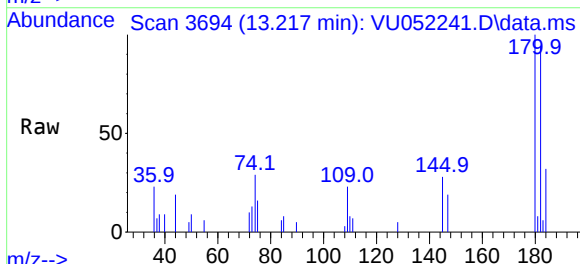
Instrument :
MSVOA_U
ClientSampleId :
MDL07

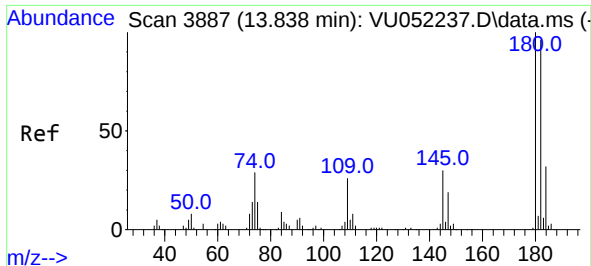
Tgt Ion: 75 Resp: 586
Ion Ratio Lower Upper
75 100
155 56.4 65.4 98.2#
157 74.9 80.5 120.7#



#69
1,3,5-Trichlorobenzene
Concen: 0.250 ug/L
RT: 13.217 min Scan# 3694
Delta R.T. 0.003 min
Lab File: VU052241.D
Acq: 08 Dec 2022 12:10

Tgt Ion: 180 Resp: 5858
Ion Ratio Lower Upper
180 100
182 81.6 75.7 113.5
184 30.0 24.3 36.5
145 23.7 23.6 35.4

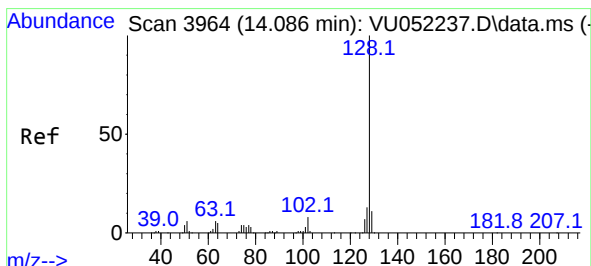
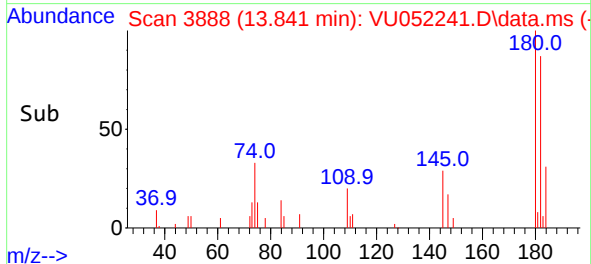
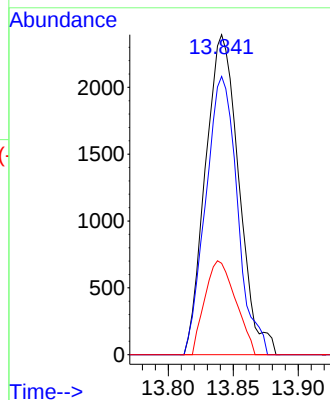
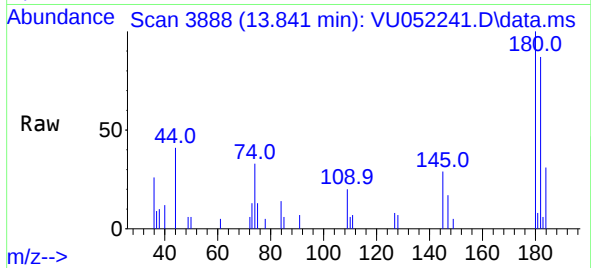




#70
1,2,4-trichlorobenzene
Concen: 0.239 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. 0.003 min
Lab File: VU052241.D
Acq: 08 Dec 2022 12:10

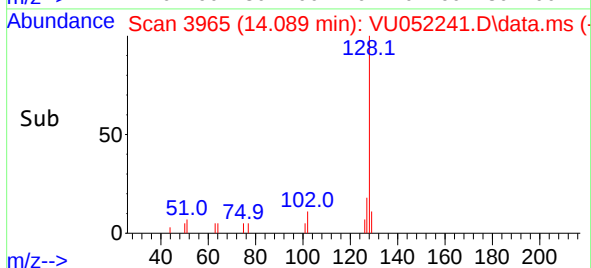
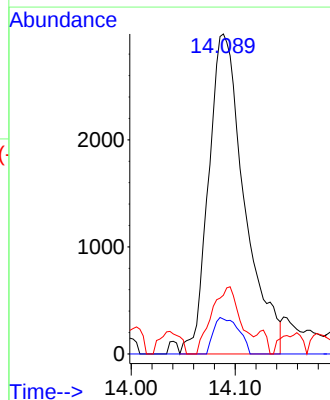
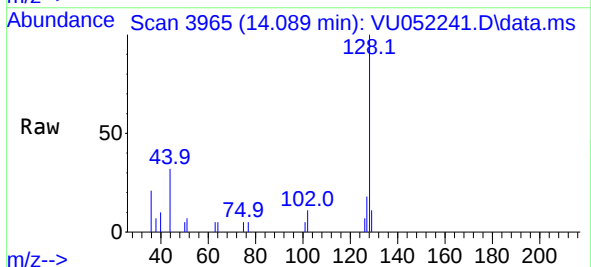
Instrument :
MSVOA_U
ClientSampleId :
MDL07

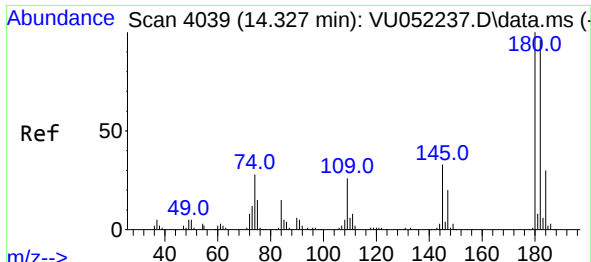
Tgt Ion:180 Resp: 4277
Ion Ratio Lower Upper
180 100
182 82.5 76.3 114.5
145 27.0 24.6 36.8



#71
Naphthalene
Concen: 0.214 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. 0.006 min
Lab File: VU052241.D
Acq: 08 Dec 2022 12:10

Tgt Ion:128 Resp: 7169
Ion Ratio Lower Upper
128 100
129 7.9 8.3 12.5#
127 16.7 10.2 15.4#





#72
 1,2,3-Trichlorobenzene
 Concen: 0.233 ug/L
 RT: 14.330 min Scan# 40
 Delta R.T. 0.003 min
 Lab File: VU052241.D
 Acq: 08 Dec 2022 12:10

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL07

Tgt Ion:180 Resp: 4091
 Ion Ratio Lower Upper
 180 100
 182 92.4 75.7 113.5
 145 27.3 24.5 36.7

