

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120822\
 Data File : VU052240.D
 Acq On : 08 Dec 2022 11:47
 Operator : JC/MD
 Sample : MDL06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL06

Quant Time: Dec 08 22:31:01 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	6.250	114	217233	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	225232	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	95799	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	83072	3.931	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.600%
7) Chloroethane-d5	1.916	69	73484	4.477	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.600%
11) 1,1-Dichloroethene-d2	2.568	65	33087	4.368	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.400%
20) 2-Butanone-d5	4.642	46	245322	64.050	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	128.100%
24) Chloroform-d	5.060	84	158819	5.115	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.400%
26) 1,2-Dichloroethane-d4	5.703	65	82316	5.249	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.000%
32) Benzene-d6	5.726	84	316049	4.727	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
36) 1,2-Dichloropropane-d6	6.687	67	105112	5.079	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.600%
41) Toluene-d8	7.896	98	246356	4.072	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.400%
43) trans-1,3-Dichloroprop...	8.179	79	33370	4.425	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.600%
46) 2-Hexanone-d5	8.636	63	176764	55.311	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.620%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	97176	5.416	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.400%
66) 1,2-Dichlorobenzene-d4	12.192	152	94502	5.152	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	3628	0.193	ug/L	96
3) Chloromethane	1.520	50	5442	0.221	ug/L	99
5) Vinyl chloride	1.604	62	5230	0.221	ug/L #	67
6) Bromomethane	1.858	94	1694	0.140	ug/L	86
8) Chloroethane	1.938	64	3115	0.212	ug/L	99
9) Trichlorofluoromethane	2.141	101	5247	0.202	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	4517	0.284	ug/L #	83
12) 1,1-Dichloroethene	2.578	96	4124	0.262	ug/L #	1
14) Carbon disulfide	2.797	76	11501	0.211	ug/L	97
15) Methyl Acetate	2.964	43	1696	0.251	ug/L #	62
16) Methylene chloride	3.051	84	7386	0.346	ug/L	97
17) Methyl tert-butyl Ether	3.366	73	6948	0.197	ug/L	93
18) trans-1,2-Dichloroethene	3.356	96	3221	0.191	ug/L	88
19) 1,1-Dichloroethane	3.867	63	6294	0.207	ug/L	95
22) cis-1,2-Dichloroethene	4.671	96	3578	0.202	ug/L	90
23) Bromochloromethane	4.973	128	1907	0.225	ug/L	91
27) 1,2-Dichloroethane	5.800	62	4236	0.224	ug/L	95
29) 1,1,1-Trichloroethane	5.317	97	5155	0.206	ug/L	96
30) Cyclohexane	5.388	56	3965	0.163	ug/L #	68

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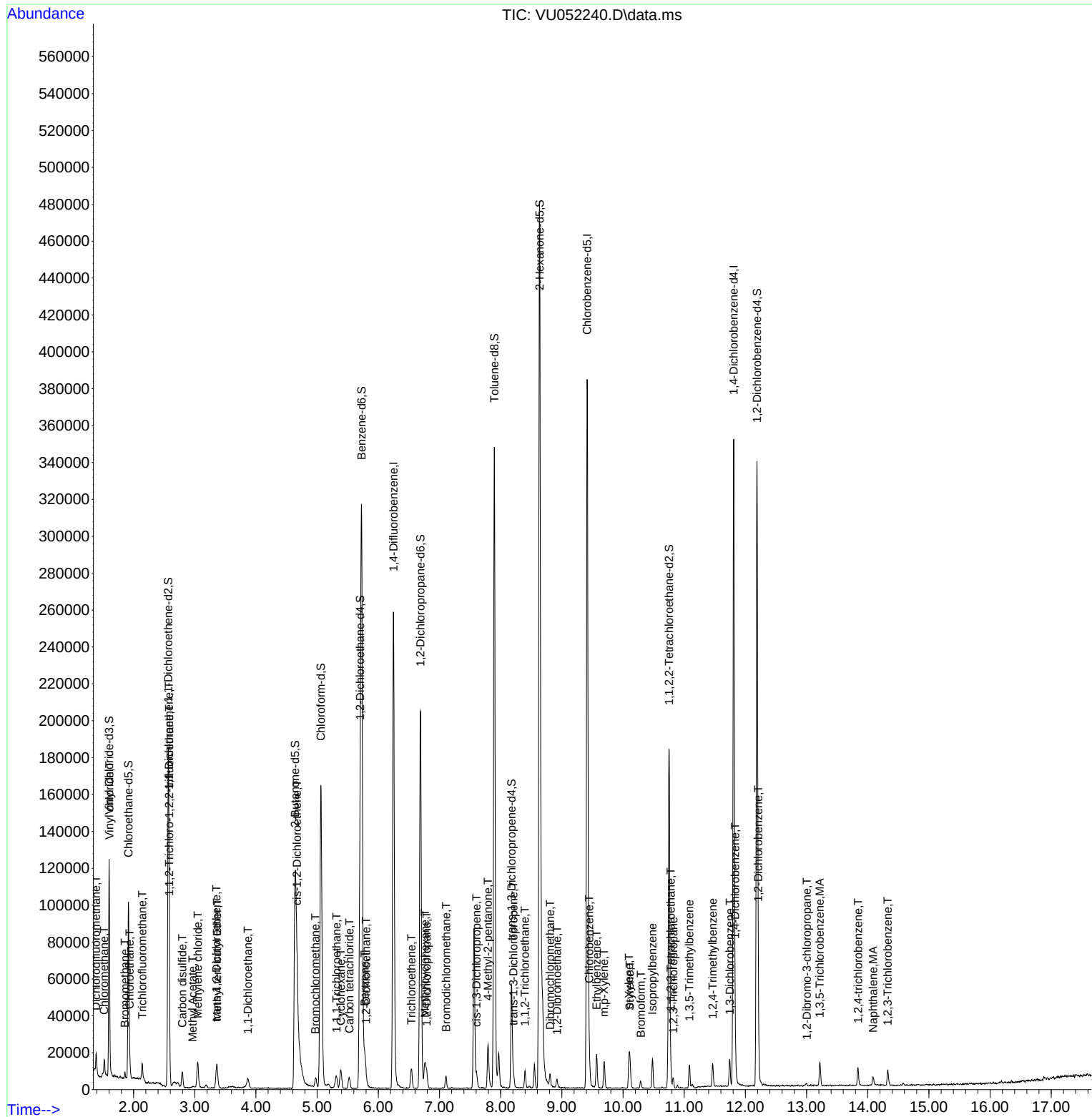
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
31) Carbon tetrachloride	5.526	117	4160	0.196	ug/L	98
33) Benzene	5.777	78	15961	0.218	ug/L	100
34) Trichloroethene	6.539	95	3580	0.196	ug/L	96
35) Methylcyclohexane	6.764	83	4473	0.170	ug/L	96
37) 1,2-Dichloropropane	6.793	63	3923	0.207	ug/L #	89
38) Bromodichloromethane	7.108	83	4498	0.194	ug/L #	93
39) cis-1,3-Dichloropropene	7.604	75	4127	0.169	ug/L	92
40) 4-Methyl-2-pentanone	7.793	43	16641	1.679	ug/L #	88
44) trans-1,3-Dichloropropene	8.208	75	4249	0.204	ug/L	88
45) 1,1,2-Trichloroethane	8.398	97	2784	0.195	ug/L	91
49) Dibromochloromethane	8.809	129	3484	0.218	ug/L	97
50) 1,2-Dibromoethane	8.922	107	2554	0.197	ug/L #	96
51) Chlorobenzene	9.446	112	9777	0.203	ug/L	96
52) Ethylbenzene	9.568	91	13448	0.183	ug/L	95
53) m,p-Xylene	9.690	106	4630	0.163	ug/L	77
54) o-Xylene	10.099	106	4379	0.161	ug/L	95
55) Styrene	10.111	104	6749	0.147	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.780	83	4076	0.229	ug/L #	97
59) Bromoform	10.292	173	1890	0.240	ug/L #	96
60) Isopropylbenzene	10.481	105	9833	0.163	ug/L	97
61) 1,2,3-Trichloropropane	10.822	75	2704	0.247	ug/L #	83
62) 1,3,5-Trimethylbenzene	11.086	105	7549	0.157	ug/L	95
63) 1,2,4-Trimethylbenzene	11.465	105	6794	0.142	ug/L	96
64) 1,3-Dichlorobenzene	11.745	146	6823	0.222	ug/L	93
65) 1,4-Dichlorobenzene	11.832	146	7451	0.243	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	10114	0.342	ug/L	91
68) 1,2-Dibromo-3-chloropr...	13.005	75	450	0.188	ug/L #	73
69) 1,3,5-Trichlorobenzene	13.217	180	4358	0.200	ug/L	87
70) 1,2,4-trichlorobenzene	13.841	180	3624	0.218	ug/L	97
71) Naphthalene	14.089	128	5676	0.182	ug/L #	89
72) 1,2,3-Trichlorobenzene	14.327	180	3699	0.227	ug/L	90

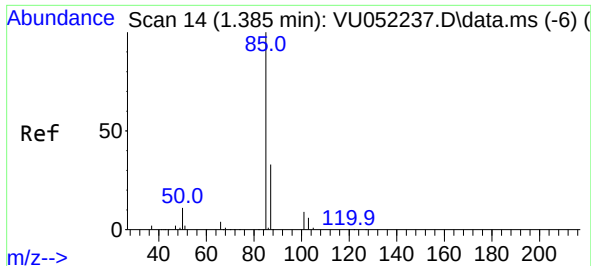
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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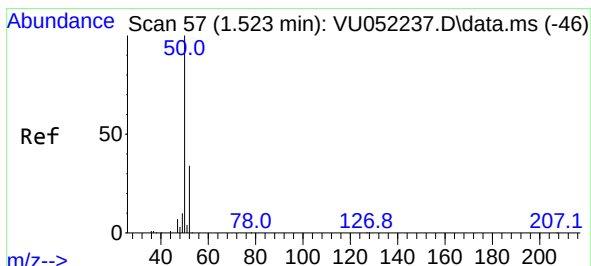
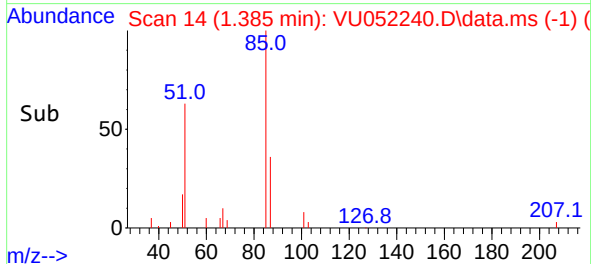
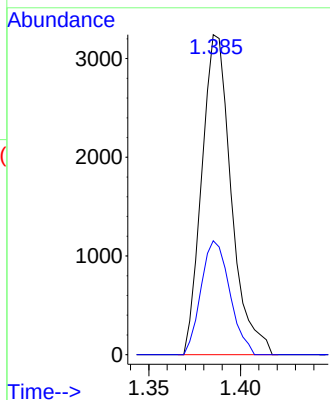
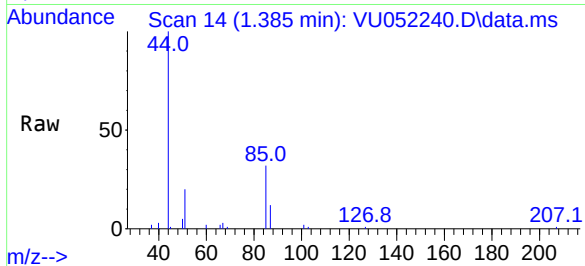




#2
Dichlorodifluoromethane
Concen: 0.193 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU052240.D
Acq: 08 Dec 2022 11:47

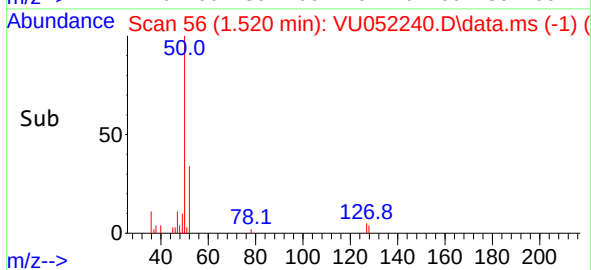
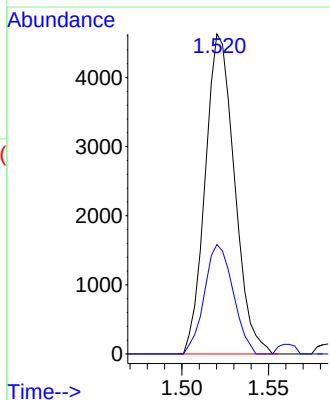
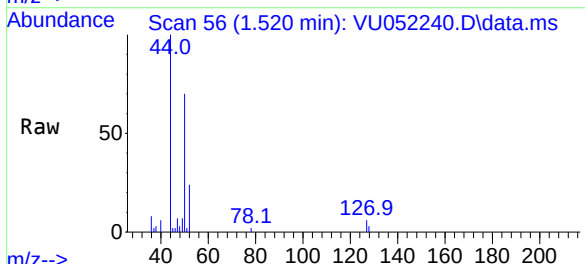
Instrument :
MSVOA_U
ClientSampleId :
MDL06

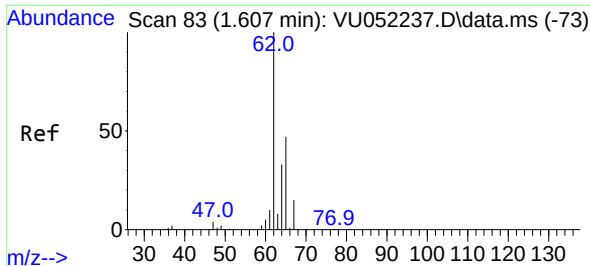
Tgt Ion: 85 Resp: 3628
Ion Ratio Lower Upper
85 100
87 34.7 25.8 38.8



#3
Chloromethane
Concen: 0.221 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU052240.D
Acq: 08 Dec 2022 11:47

Tgt Ion: 50 Resp: 5442
Ion Ratio Lower Upper
50 100
52 34.2 23.4 43.4

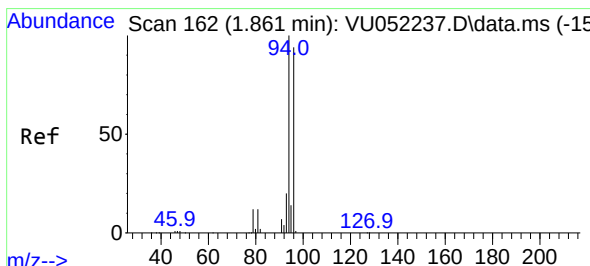
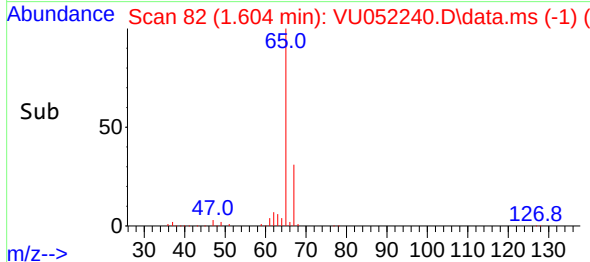
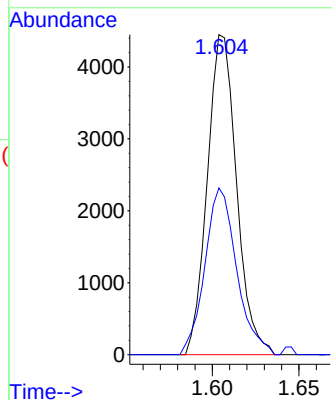
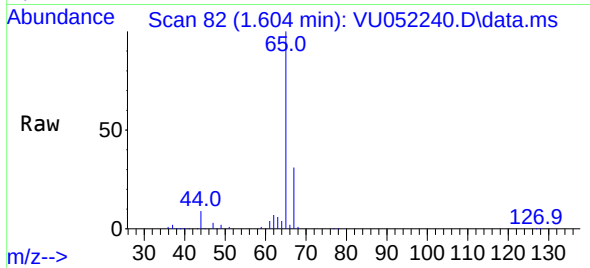




#5
 Vinyl chloride
 Concen: 0.221 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU052240.D
 Acq: 08 Dec 2022 11:47

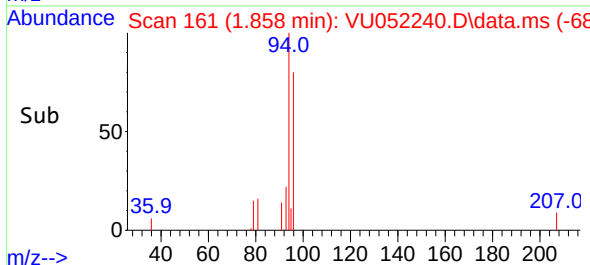
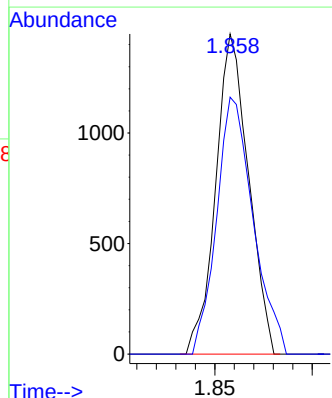
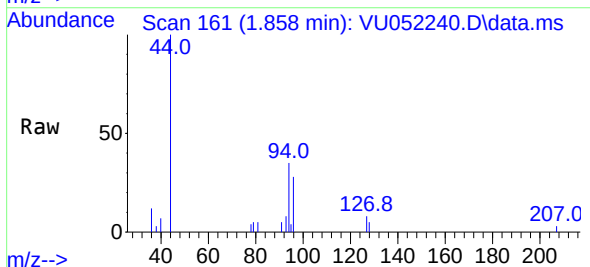
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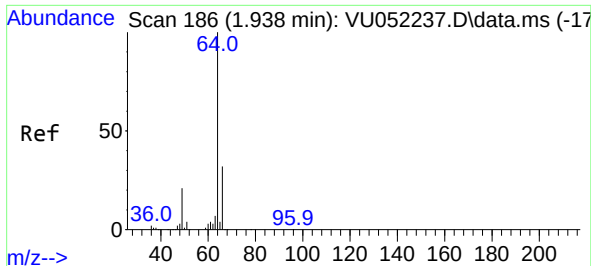
Tgt Ion: 62 Resp: 5230
 Ion Ratio Lower Upper
 62 100
 64 52.1 23.5 43.7#



#6
 Bromomethane
 Concen: 0.140 ug/L
 RT: 1.858 min Scan# 161
 Delta R.T. 0.000 min
 Lab File: VU052240.D
 Acq: 08 Dec 2022 11:47

Tgt Ion: 94 Resp: 1694
 Ion Ratio Lower Upper
 94 100
 96 80.2 65.7 122.1

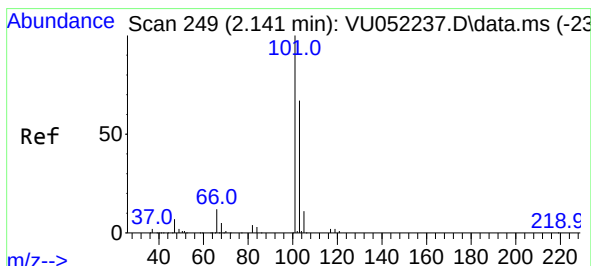
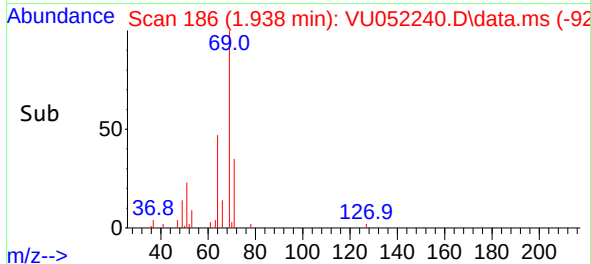
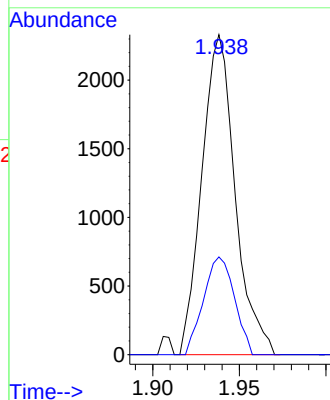
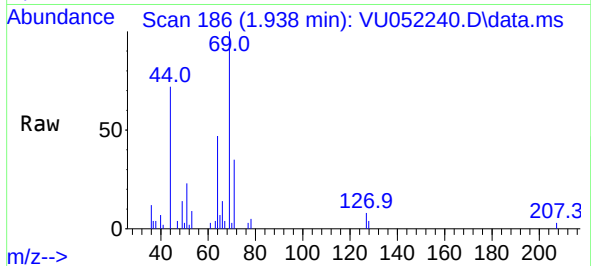




#8
Chloroethane
Concen: 0.212 ug/L
RT: 1.938 min Scan# 186
Delta R.T. 0.003 min
Lab File: VU052240.D
Acq: 08 Dec 2022 11:47

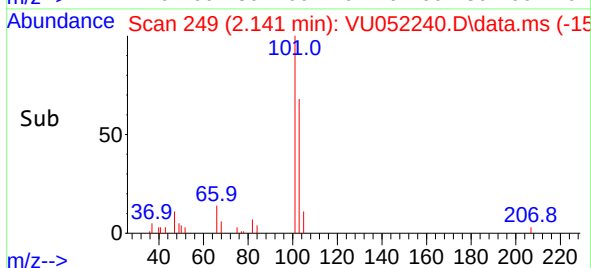
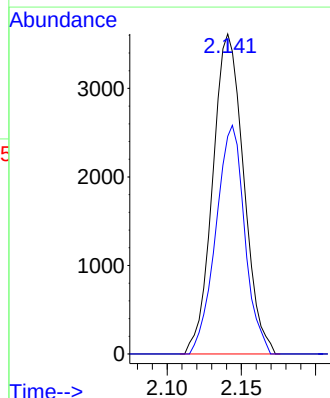
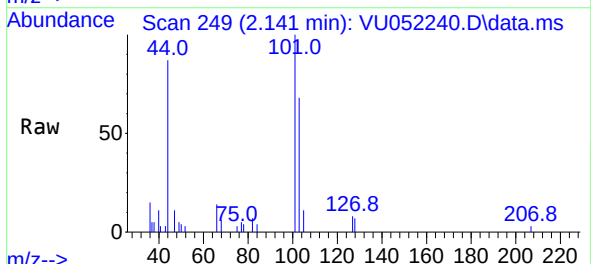
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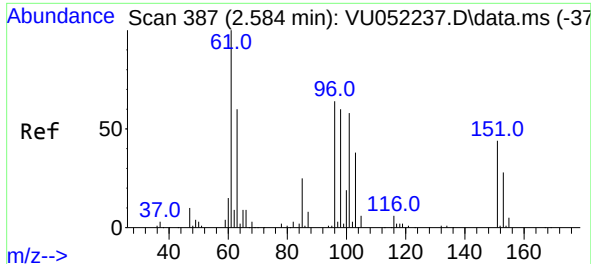
Tgt Ion: 64 Resp: 3115
Ion Ratio Lower Upper
64 100
66 30.5 21.1 39.1



#9
Trichlorofluoromethane
Concen: 0.202 ug/L
RT: 2.141 min Scan# 249
Delta R.T. 0.000 min
Lab File: VU052240.D
Acq: 08 Dec 2022 11:47

Tgt Ion: 101 Resp: 5247
Ion Ratio Lower Upper
101 100
103 66.6 51.6 77.4

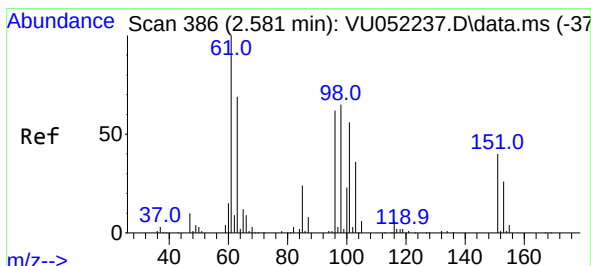
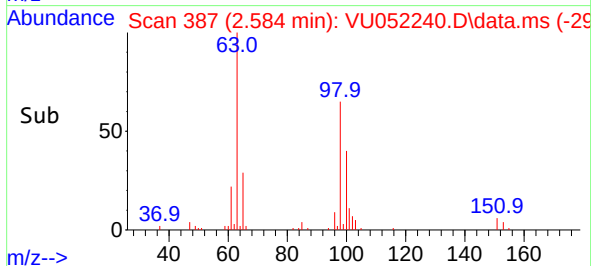
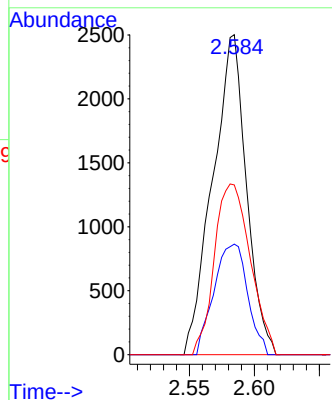
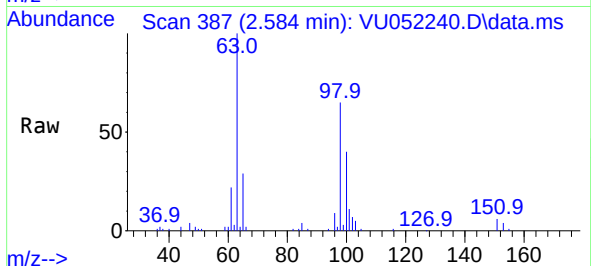




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.284 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. 0.003 min
 Lab File: VU052240.D
 Acq: 08 Dec 2022 11:47

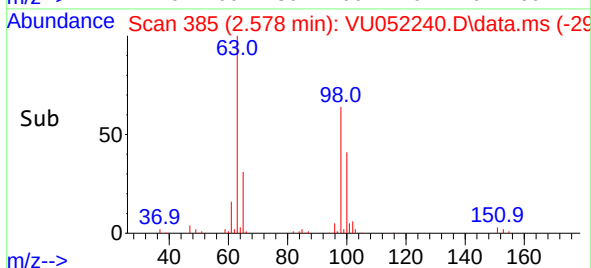
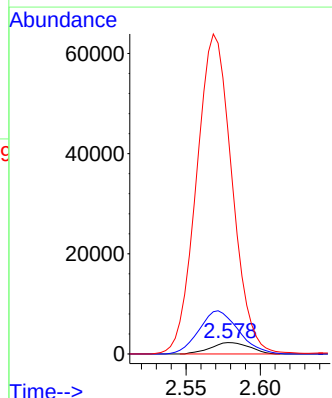
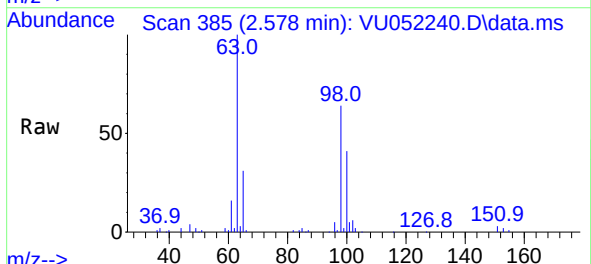
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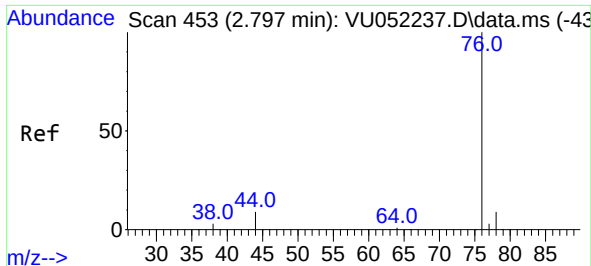
Tgt Ion:101 Resp: 4517
 Ion Ratio Lower Upper
 101 100
 85 34.4 33.8 50.6
 151 56.8 58.6 88.0#



#12
 1,1-Dichloroethene
 Concen: 0.262 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.003 min
 Lab File: VU052240.D
 Acq: 08 Dec 2022 11:47

Tgt Ion: 96 Resp: 4124
 Ion Ratio Lower Upper
 96 100
 61 316.2 114.8 213.2#
 63 1975.3 93.7 174.1#

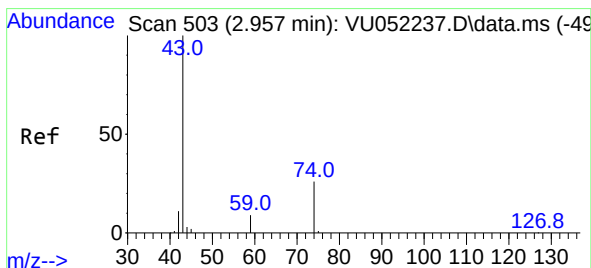
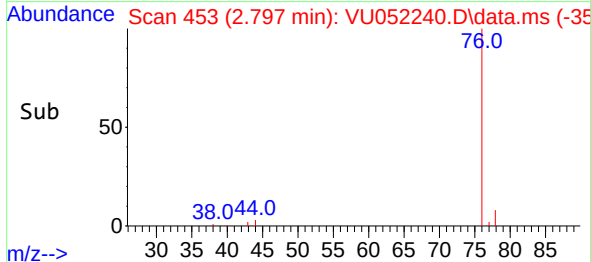
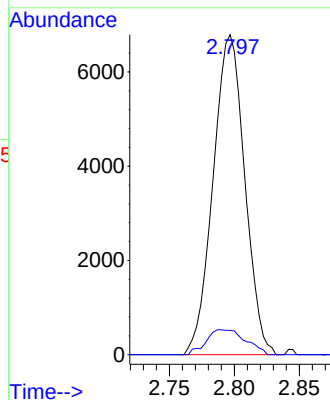
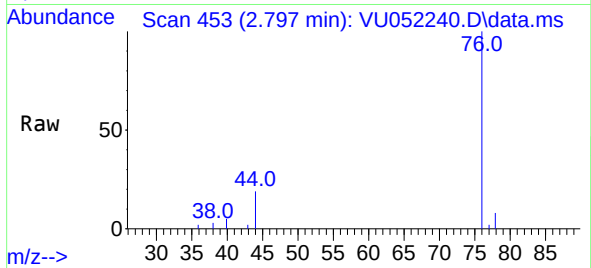




#14
Carbon disulfide
Concen: 0.211 ug/L
RT: 2.797 min Scan# 411
Delta R.T. 0.003 min
Lab File: VU052240.D
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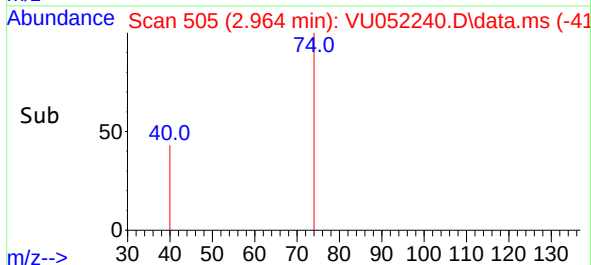
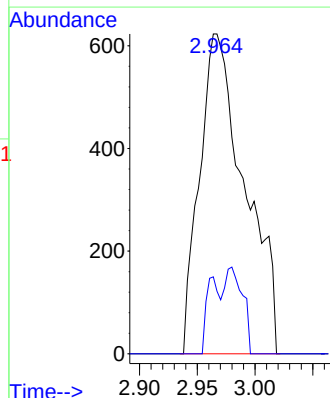
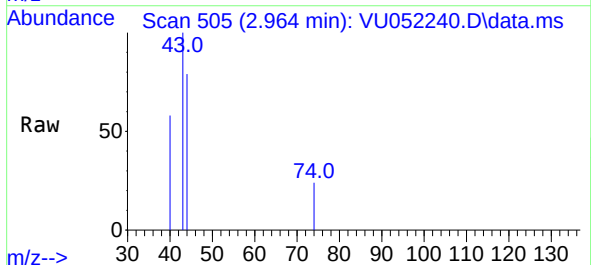
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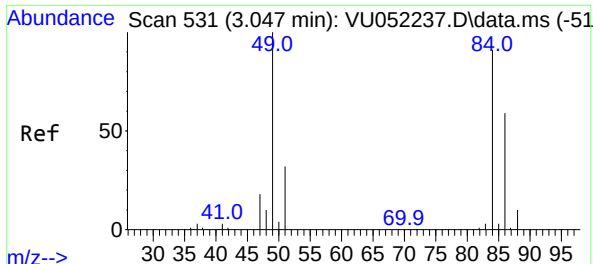
Tgt Ion: 76 Resp: 11501
Ion Ratio Lower Upper
76 100
78 7.6 7.0 10.4



#15
Methyl Acetate
Concen: 0.251 ug/L
RT: 2.964 min Scan# 505
Delta R.T. 0.006 min
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Tgt Ion: 43 Resp: 1696
Ion Ratio Lower Upper
43 100
74 7.1 21.3 31.9#

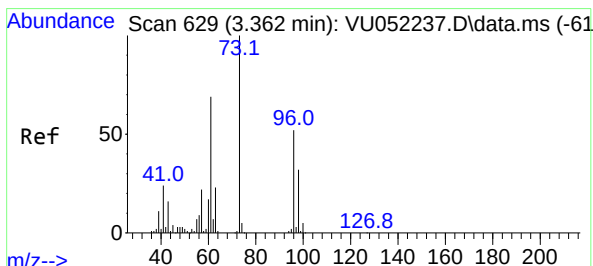
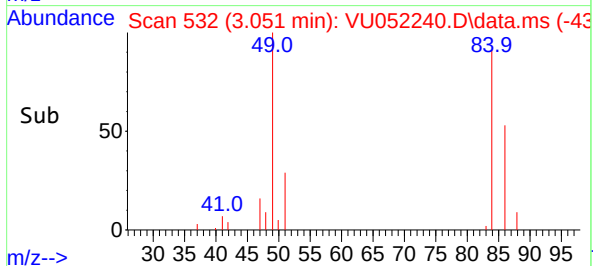
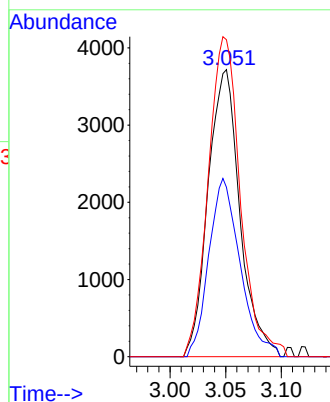
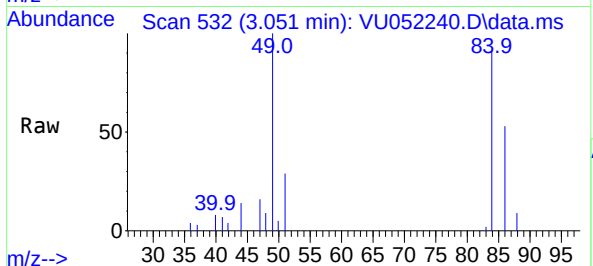




#16
Methylene chloride
Concen: 0.346 ug/L
RT: 3.051 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU052240.D
Acq: 08 Dec 2022 11:47

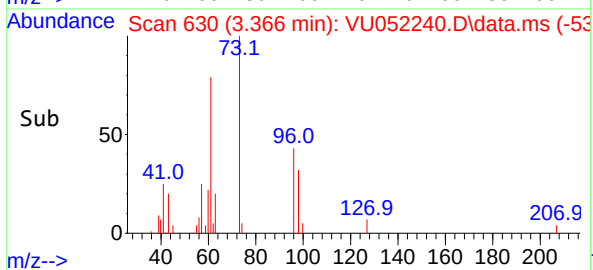
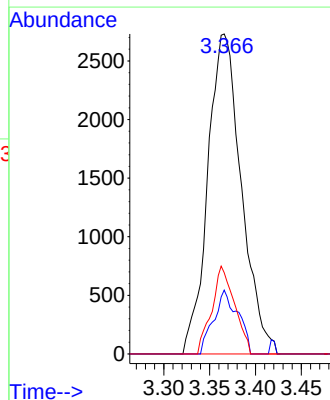
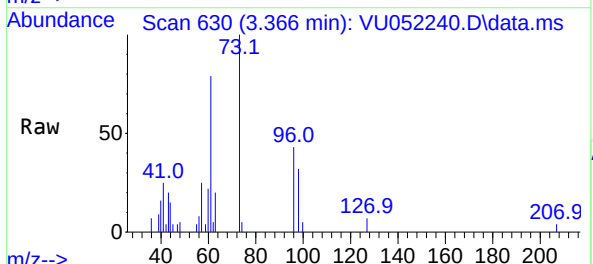
Instrument :
MSVOA_U
ClientSampleId :
MDL06

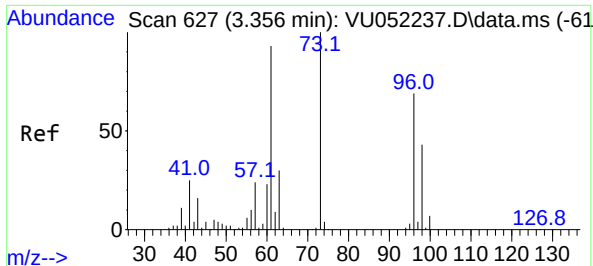
Tgt Ion: 84 Resp: 7386
Ion Ratio Lower Upper
84 100
86 59.0 43.8 81.4
49 110.4 75.9 141.1



#17
Methyl tert-butyl Ether
Concen: 0.197 ug/L
RT: 3.366 min Scan# 630
Delta R.T. 0.003 min
Lab File: VU052240.D
Acq: 08 Dec 2022 11:47

Tgt Ion: 73 Resp: 6948
Ion Ratio Lower Upper
73 100
43 14.4 13.2 19.8
57 18.6 17.8 26.8

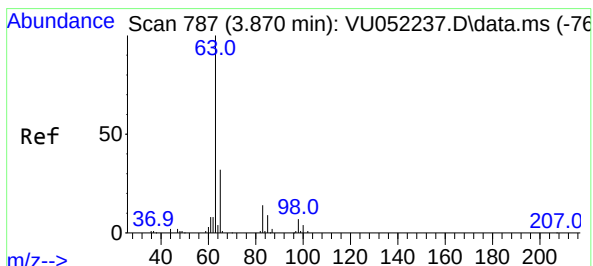
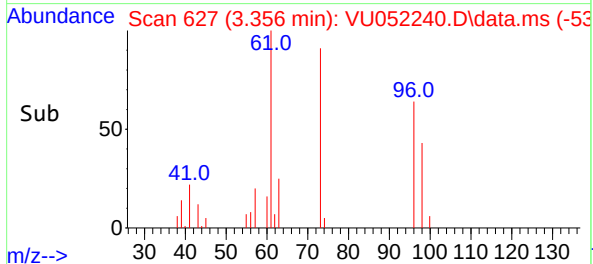
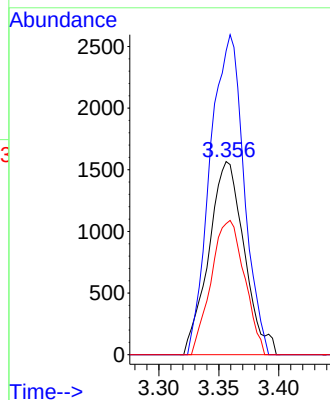
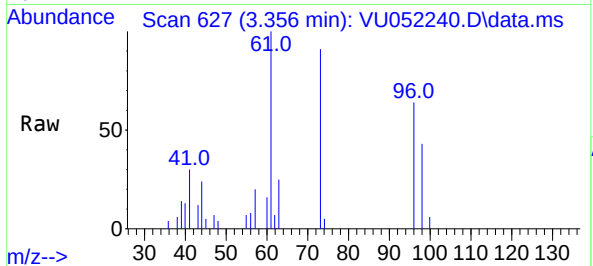




#18
trans-1,2-Dichloroethene
Concen: 0.191 ug/L
RT: 3.356 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU052240.D
Acq: 08 Dec 2022 11:47

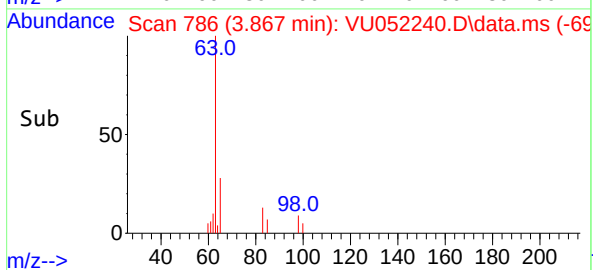
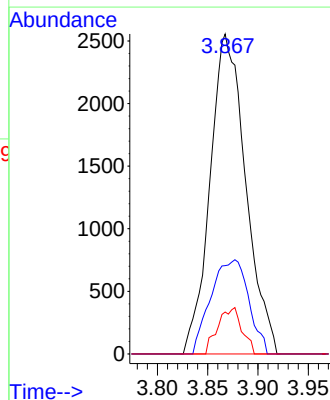
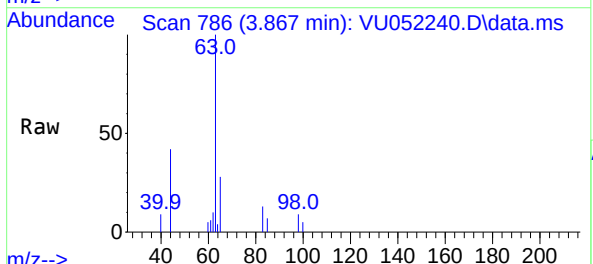
Instrument :
MSVOA_U
ClientSampleId :
MDL06

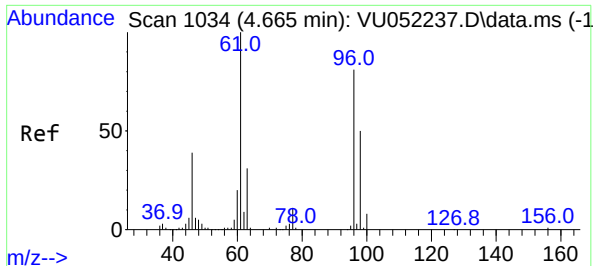
Tgt Ion: 96 Resp: 3221
Ion Ratio Lower Upper
96 100
61 157.2 97.9 181.7
98 67.8 43.8 81.3



#19
1,1-Dichloroethane
Concen: 0.207 ug/L
RT: 3.867 min Scan# 786
Delta R.T. 0.000 min
Lab File: VU052240.D
Acq: 08 Dec 2022 11:47

Tgt Ion: 63 Resp: 6294
Ion Ratio Lower Upper
63 100
65 27.6 22.2 41.2
83 13.1 9.2 17.0

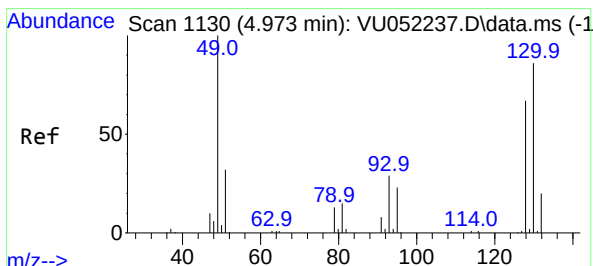
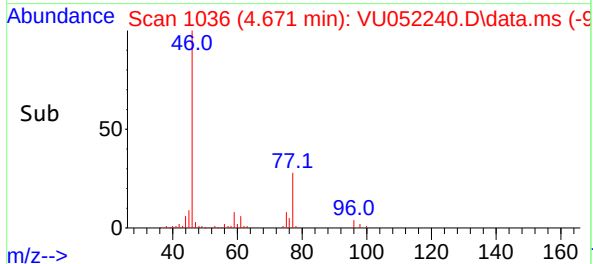
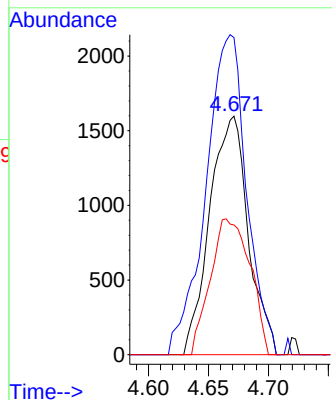
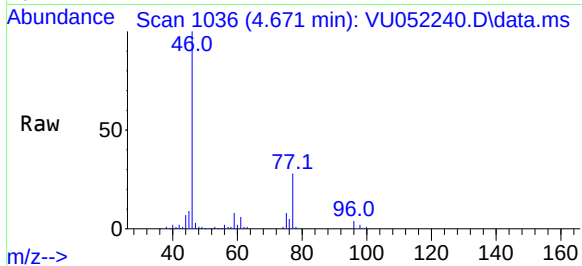




#22
 cis-1,2-Dichloroethene
 Concen: 0.202 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. 0.006 min
 Lab File: VU052240.D
 Acq: 08 Dec 2022 11:47

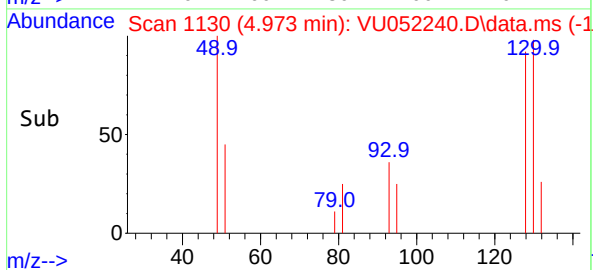
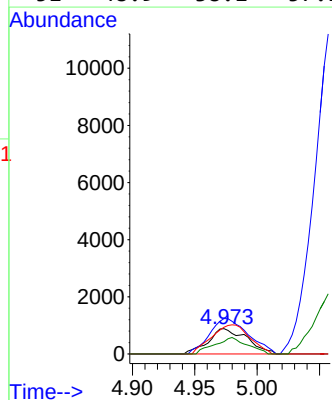
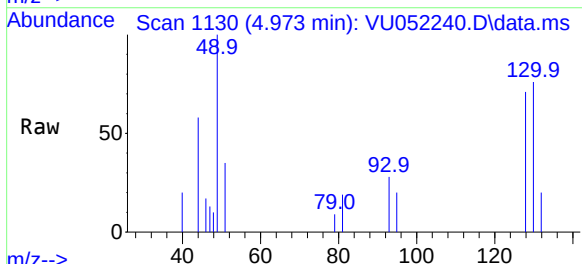
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL06

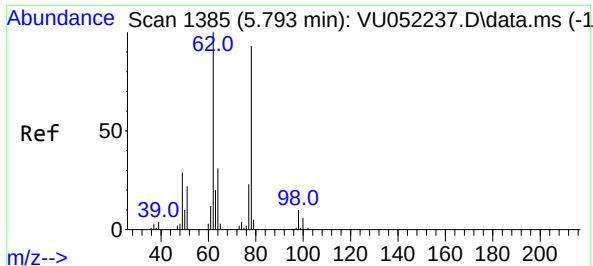
Tgt Ion: 96 Resp: 3578
 Ion Ratio Lower Upper
 96 100
 61 132.9 85.1 158.1
 98 54.4 42.8 79.6



#23
 Bromochloromethane
 Concen: 0.225 ug/L
 RT: 4.973 min Scan# 1130
 Delta R.T. 0.000 min
 Lab File: VU052240.D
 Acq: 08 Dec 2022 11:47

Tgt Ion: 128 Resp: 1907
 Ion Ratio Lower Upper
 128 100
 49 140.2 104.0 193.2
 130 105.9 84.6 157.2
 51 48.9 38.1 57.1

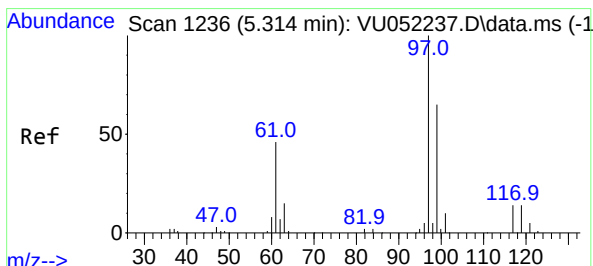
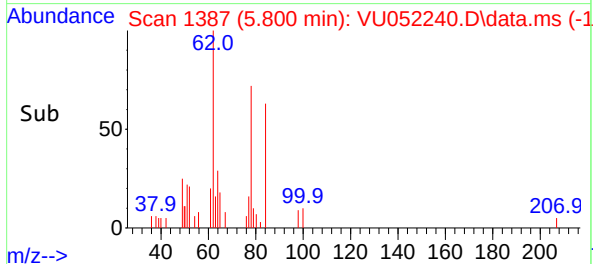
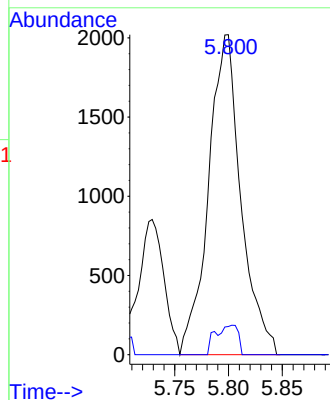
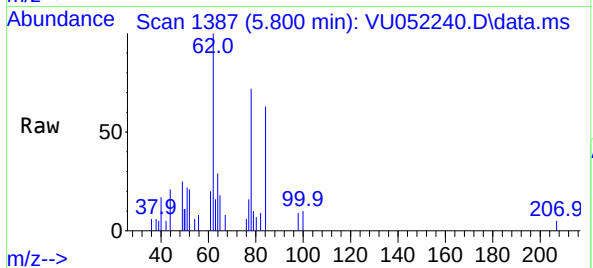




#27
1,2-Dichloroethane
Concen: 0.224 ug/L
RT: 5.800 min Scan# 11
Delta R.T. 0.006 min
Lab File: VU052240.D
Acq: 08 Dec 2022 11:47

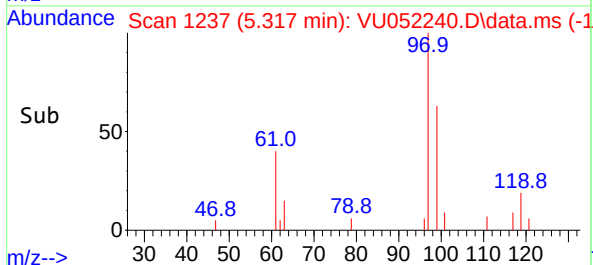
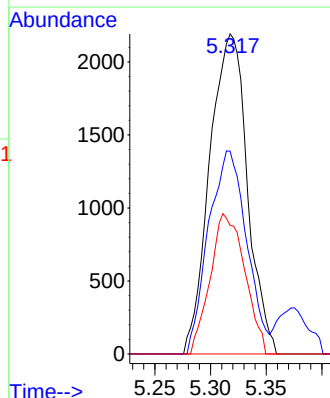
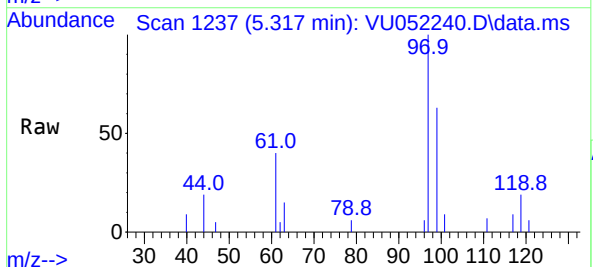
Instrument :
MSVOA_U
ClientSampleId :
MDL06

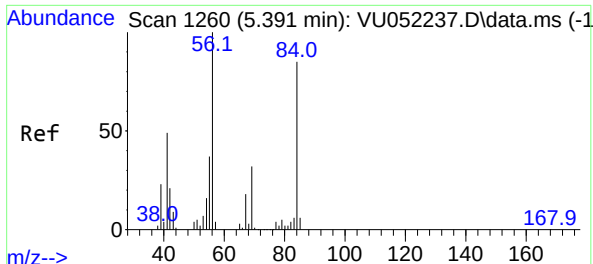
Tgt Ion: 62 Resp: 4236
Ion Ratio Lower Upper
62 100
98 8.8 8.4 12.6



#29
1,1,1-Trichloroethane
Concen: 0.206 ug/L
RT: 5.317 min Scan# 1237
Delta R.T. 0.003 min
Lab File: VU052240.D
Acq: 08 Dec 2022 11:47

Tgt Ion: 97 Resp: 5155
Ion Ratio Lower Upper
97 100
99 64.3 51.0 76.6
61 40.2 36.9 55.3





#30

Cyclohexane

Concen: 0.163 ug/L

RT: 5.388 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU052240.D

Acq: 08 Dec 2022 11:47

Instrument :

MSVOA_U

ClientSampleId :

MDL06

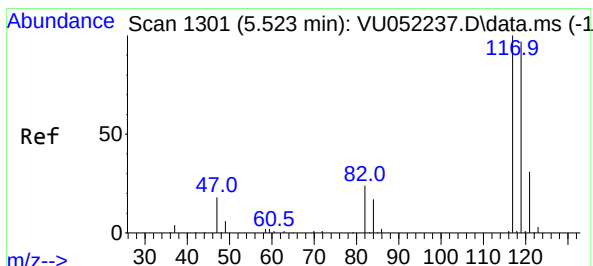
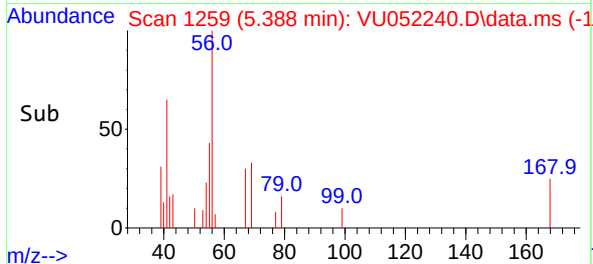
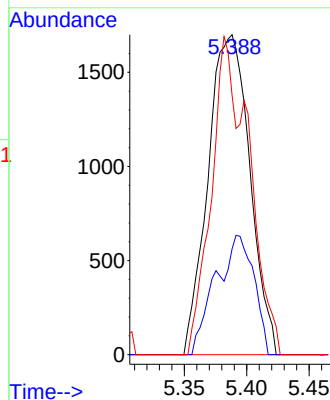
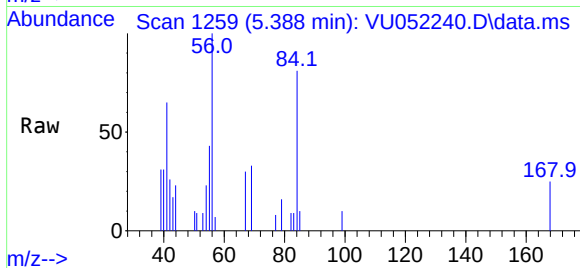
Tgt Ion: 56 Resp: 3965

Ion Ratio Lower Upper

56 100

69 22.3 25.6 38.4#

84 55.5 72.0 108.0#



#31

Carbon tetrachloride

Concen: 0.196 ug/L

RT: 5.526 min Scan# 1302

Delta R.T. 0.003 min

Lab File: VU052240.D

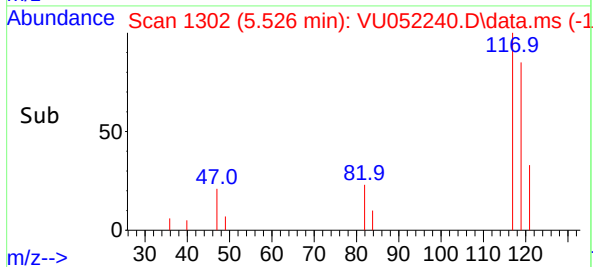
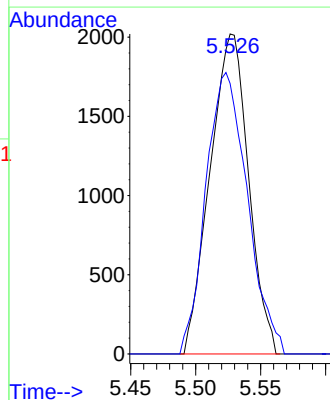
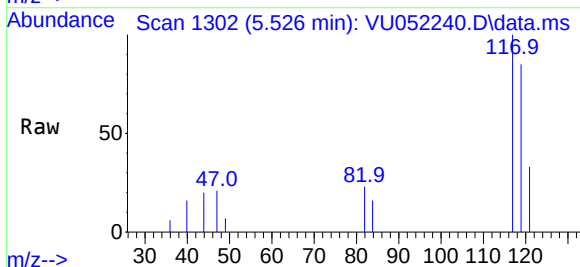
Acq: 08 Dec 2022 11:47

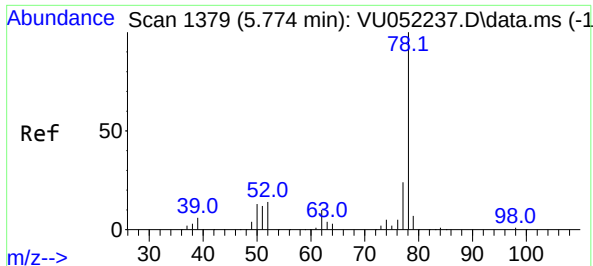
Tgt Ion: 117 Resp: 4160

Ion Ratio Lower Upper

117 100

119 94.8 77.2 115.8





Benzene

Concen: 0.218 ug/L

RT: 5.777 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU052240.D

Acq: 08 Dec 2022 11:47

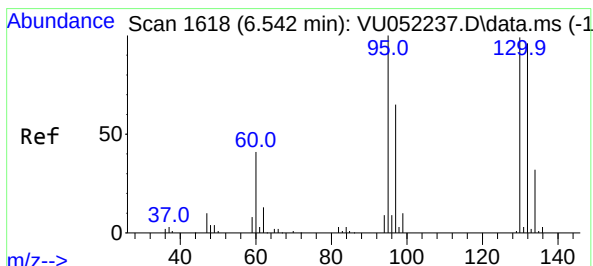
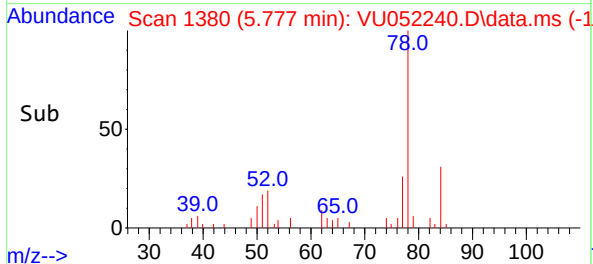
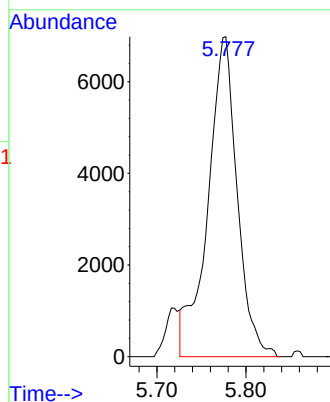
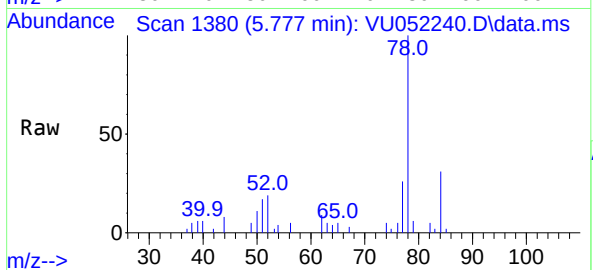
Instrument :

MSVOA_U

ClientSampleId :

MDL06

Tgt Ion: 78 Resp: 15961



Trichloroethene

Concen: 0.196 ug/L

RT: 6.539 min Scan# 1617

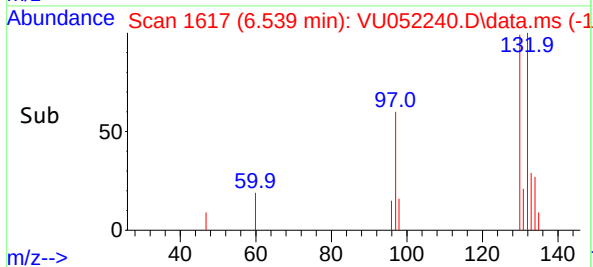
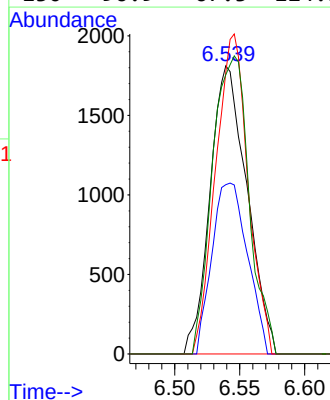
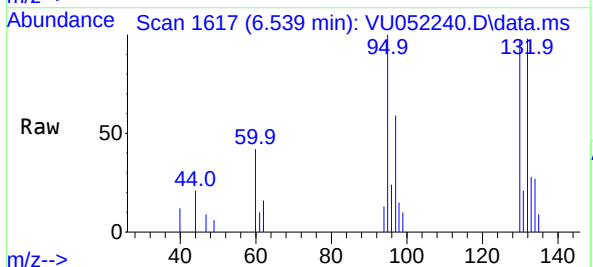
Delta R.T. -0.003 min

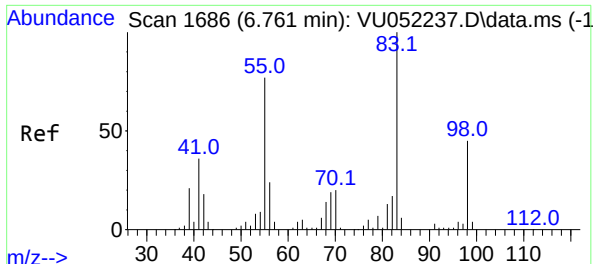
Lab File: VU052240.D

Acq: 08 Dec 2022 11:47

Tgt Ion: 95 Resp: 3580

Ion	Ratio	Lower	Upper
95	100		
97	58.8	43.7	81.1
132	97.8	64.3	119.3
130	96.9	67.3	124.9

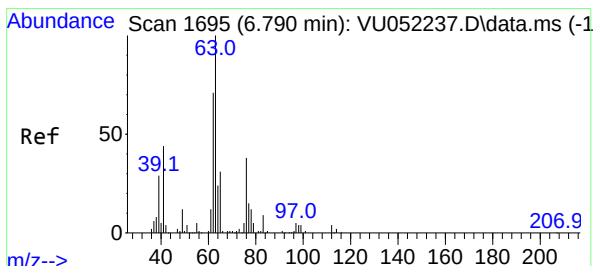
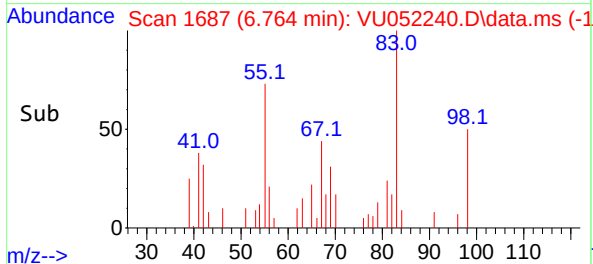
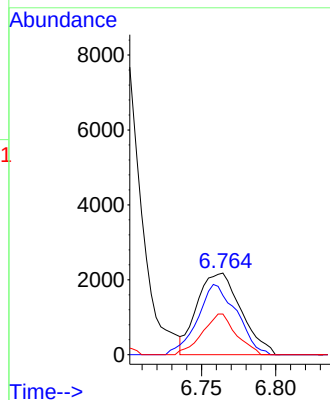
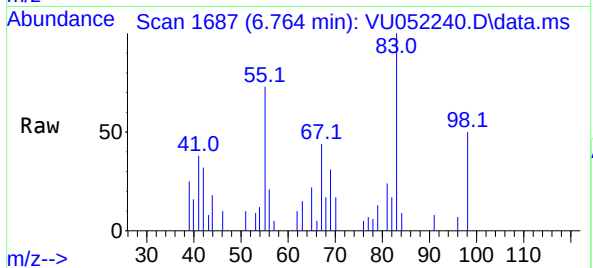




#35
Methylcyclohexane
Concen: 0.170 ug/L
RT: 6.764 min Scan# 1686
Delta R.T. 0.003 min
Lab File: VU052240.D
Acq: 08 Dec 2022 11:47

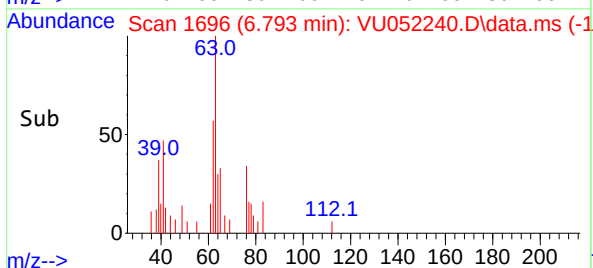
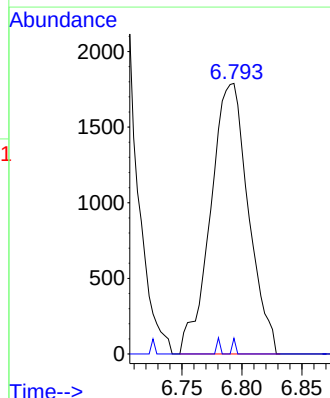
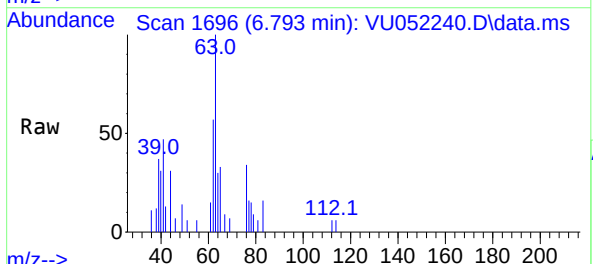
Instrument :
MSVOA_U
ClientSampleId :
MDL06

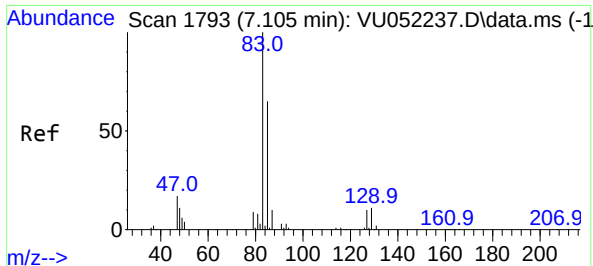
Tgt Ion: 83 Resp: 4473
Ion Ratio Lower Upper
83 100
55 76.9 60.8 91.2
98 38.3 35.1 52.7



#37
1,2-Dichloropropane
Concen: 0.207 ug/L
RT: 6.793 min Scan# 1696
Delta R.T. 0.003 min
Lab File: VU052240.D
Acq: 08 Dec 2022 11:47

Tgt Ion: 63 Resp: 3923
Ion Ratio Lower Upper
63 100
112 0.5 3.3 4.9#





#38

Bromodichloromethane

Concen: 0.194 ug/L

RT: 7.108 min Scan# 1

Delta R.T. 0.006 min

Lab File: VU052240.D

Acq: 08 Dec 2022 11:47

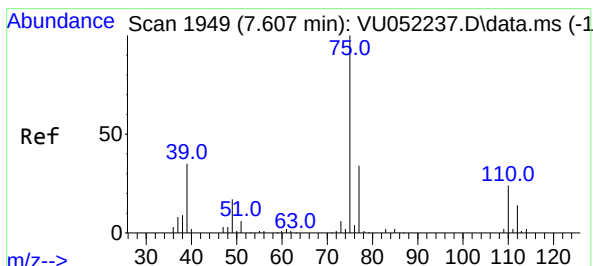
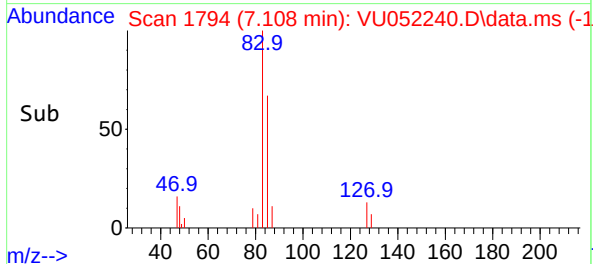
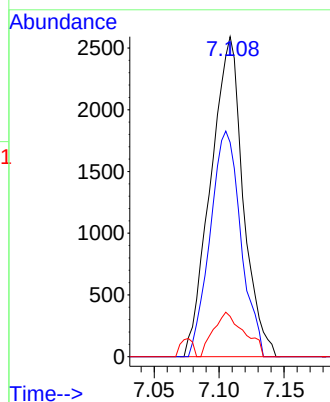
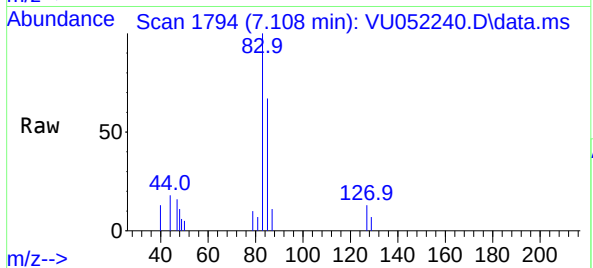
Instrument :

MSVOA_U

ClientSampleId :

MDL06

Tgt Ion:	83	Resp:	4498
Ion	Ratio	Lower	Upper
83	100		
85	66.9	43.5	80.9
127	12.6	6.8	10.2#



#39

cis-1,3-Dichloropropene

Concen: 0.169 ug/L

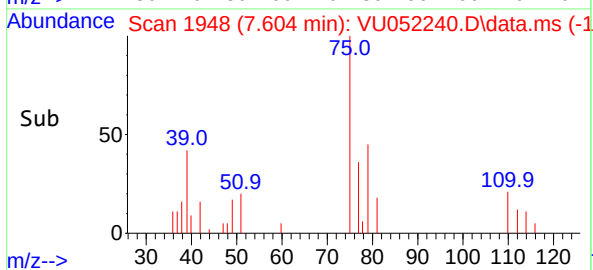
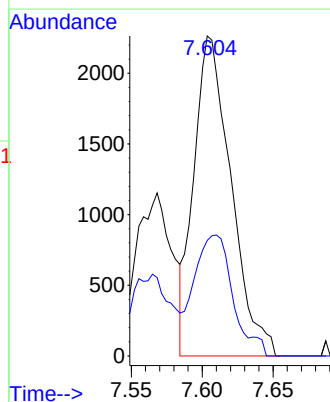
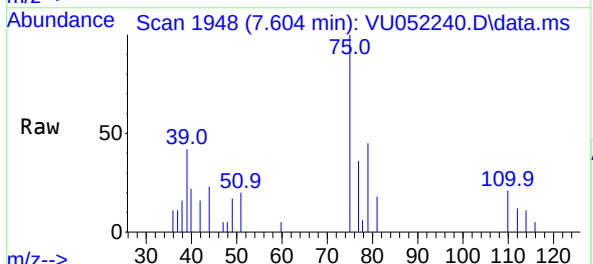
RT: 7.604 min Scan# 1948

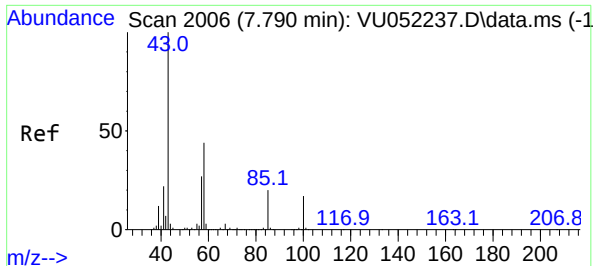
Delta R.T. 0.000 min

Lab File: VU052240.D

Acq: 08 Dec 2022 11:47

Tgt Ion:	75	Resp:	4127
Ion	Ratio	Lower	Upper
75	100		
77	36.1	22.0	40.8





#40

4-Methyl-2-pentanone

Concen: 1.679 ug/L

RT: 7.793 min Scan# 20

Delta R.T. 0.003 min

Lab File: VU052240.D

Acq: 08 Dec 2022 11:47

Instrument :

MSVOA_U

ClientSampleId :

MDL06

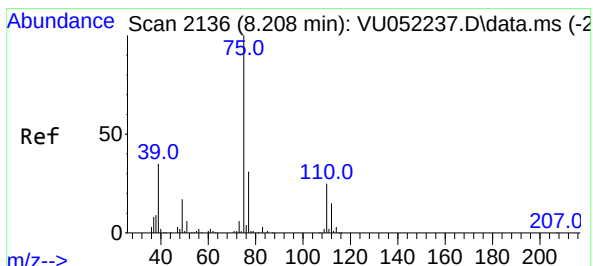
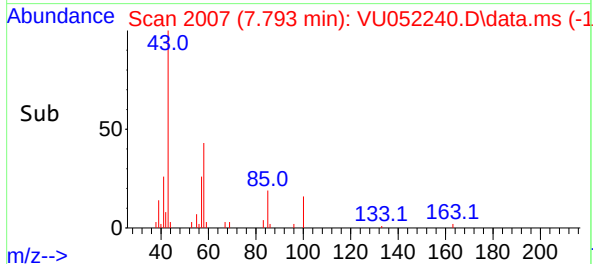
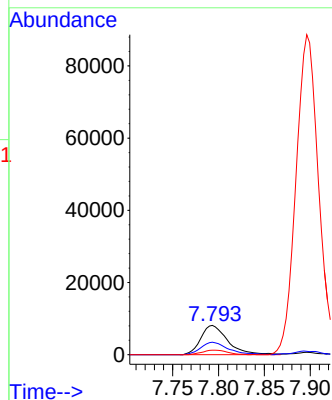
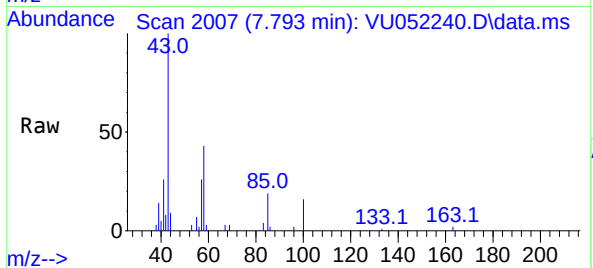
Tgt Ion: 43 Resp: 16641

Ion Ratio Lower Upper

43 100

58 43.2 35.3 52.9

100 0.0 13.6 20.4#



#44

trans-1,3-Dichloropropene

Concen: 0.204 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. 0.000 min

Lab File: VU052240.D

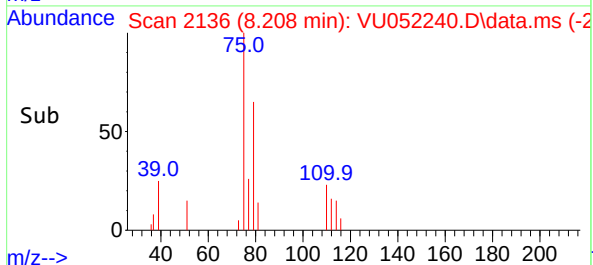
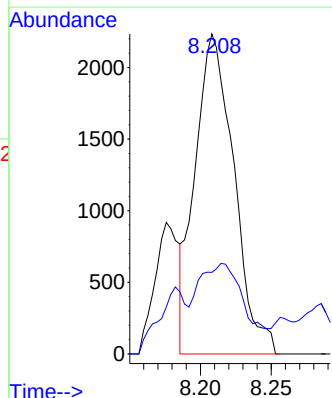
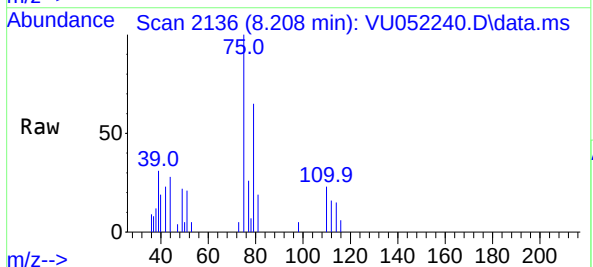
Acq: 08 Dec 2022 11:47

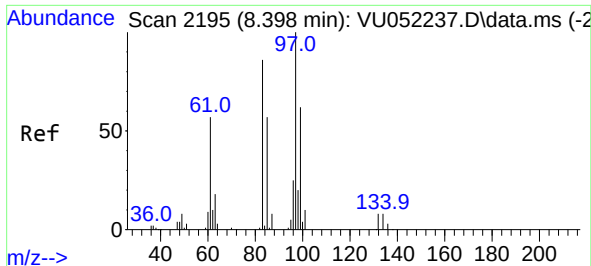
Tgt Ion: 75 Resp: 4249

Ion Ratio Lower Upper

75 100

77 25.5 22.6 42.0

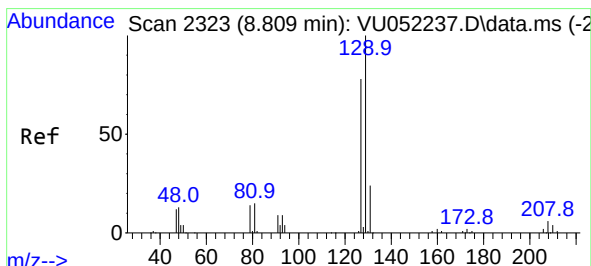
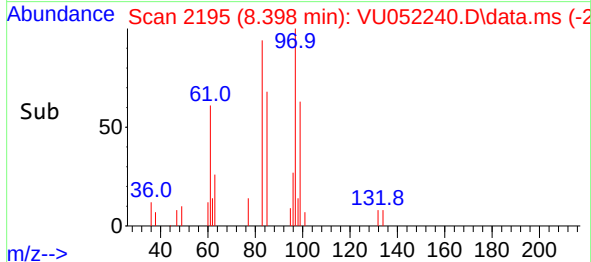
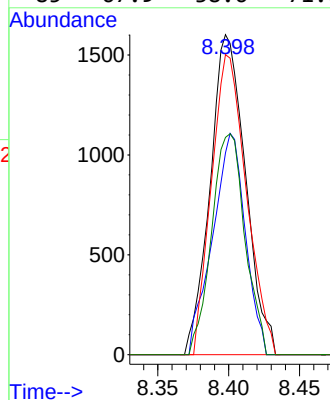
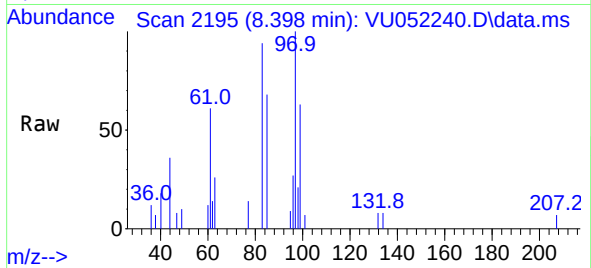




#45
1,1,2-Trichloroethane
Concen: 0.195 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. 0.000 min
Lab File: VU052240.D
Acq: 08 Dec 2022 11:47

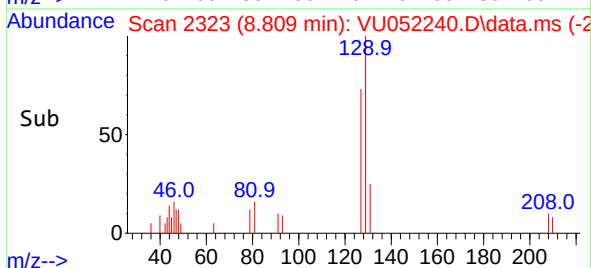
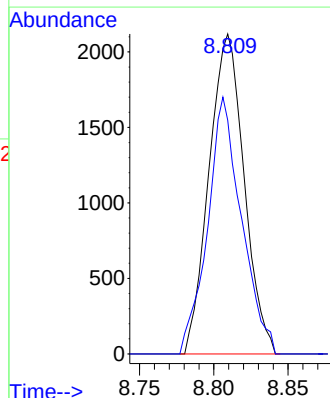
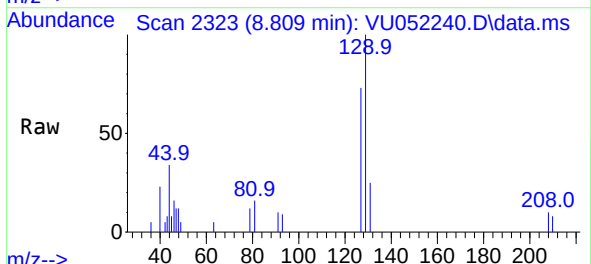
Instrument :
MSVOA_U
ClientSampleId :
MDL06

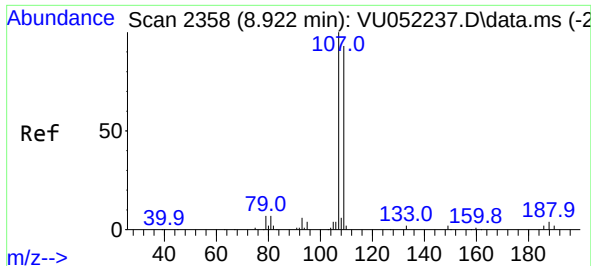
Tgt Ion: 97	Resp: 2784
Ion Ratio	Lower Upper
97 100	
99 63.0	42.6 79.2
83 93.8	60.7 112.7
85 67.9	38.6 71.6



#49
Dibromochloromethane
Concen: 0.218 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. 0.003 min
Lab File: VU052240.D
Acq: 08 Dec 2022 11:47

Tgt Ion:129	Resp:	3484	
Ion	Ratio	Lower	Upper
129	100		
127	73.1	52.8	98.2





#50

1,2-Dibromoethane

Concen: 0.197 ug/L

RT: 8.922 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU052240.D

Acq: 08 Dec 2022 11:47

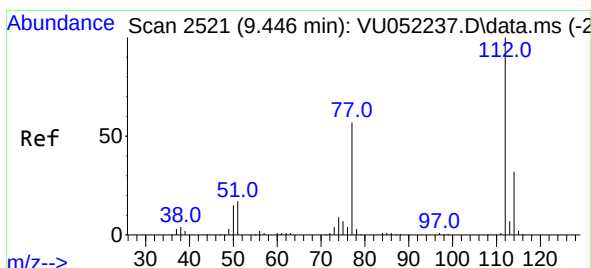
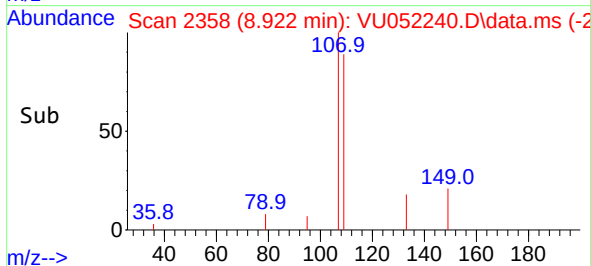
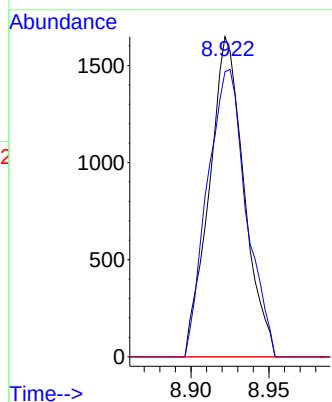
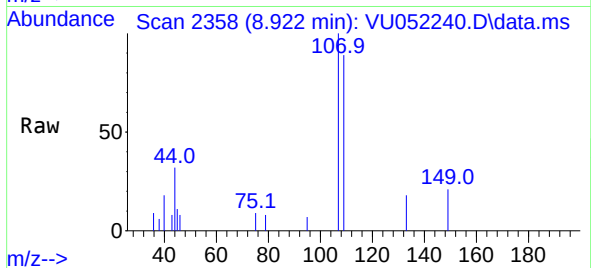
Instrument :

MSVOA_U

ClientSampleId :

MDL06

Tgt Ion:107	Resp:	2554
Ion Ratio	Lower	Upper
107	100	
109	89.1	64.9 120.5
188	0.0	2.6 4.0#



#51

Chlorobenzene

Concen: 0.203 ug/L

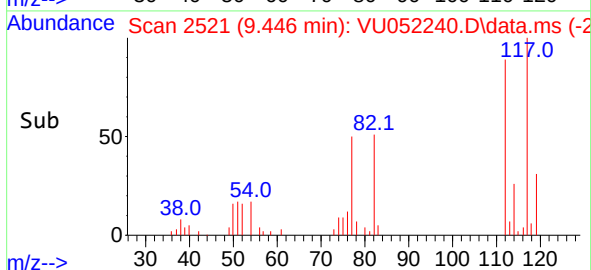
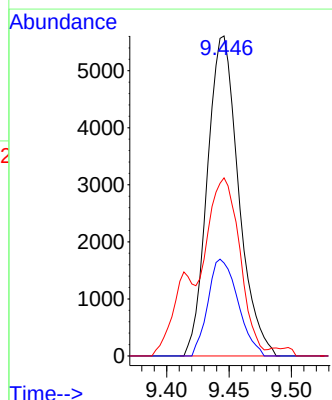
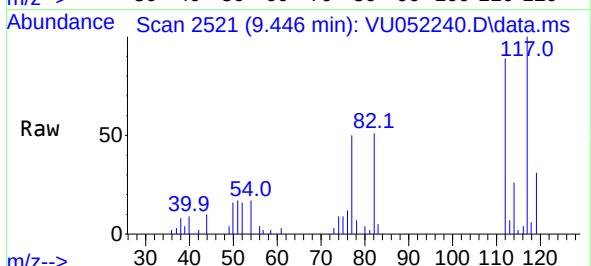
RT: 9.446 min Scan# 2521

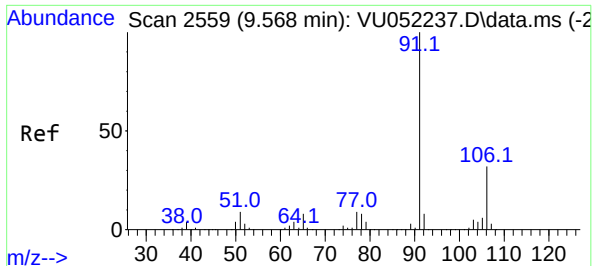
Delta R.T. 0.000 min

Lab File: VU052240.D

Acq: 08 Dec 2022 11:47

Tgt Ion:112	Resp:	9777
Ion Ratio	Lower	Upper
112	100	
114	29.0	22.2 41.2
77	55.6	46.6 70.0

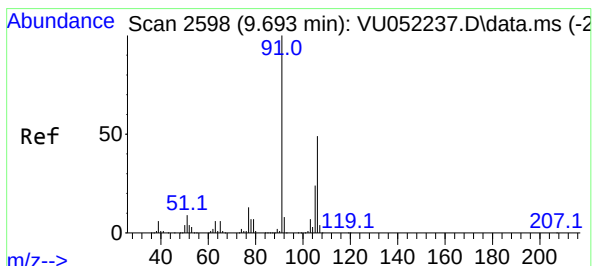
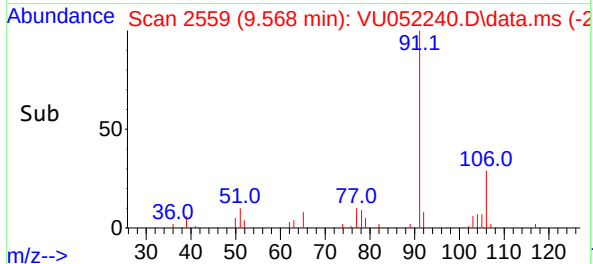
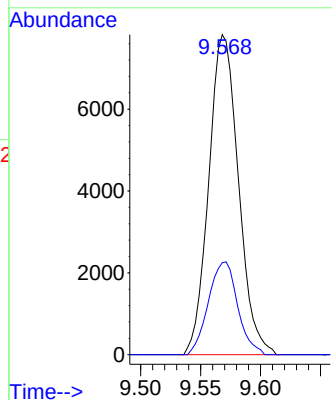
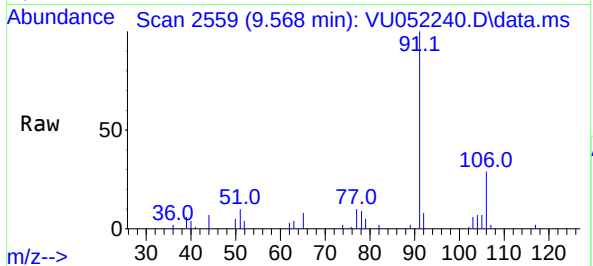




#52
Ethylbenzene
Concen: 0.183 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. 0.000 min
Lab File: VU052240.D
Acq: 08 Dec 2022 11:47

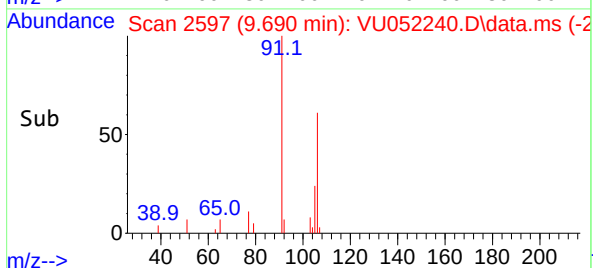
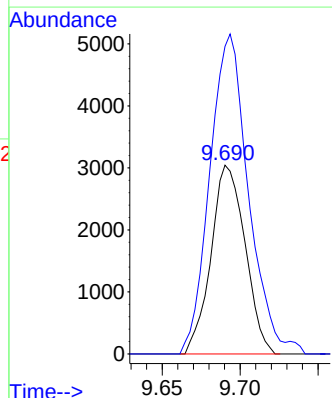
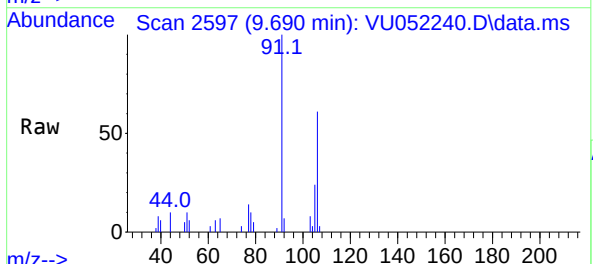
Instrument : MSVOA_U
ClientSampleId : MDL06

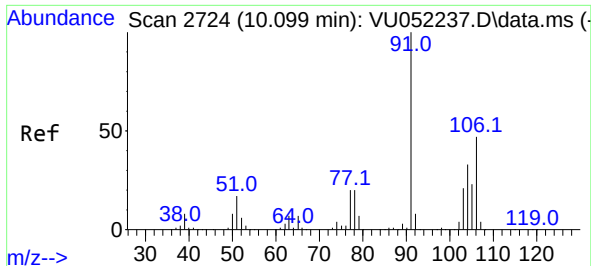
Tgt Ion: 91 Resp: 13448
Ion Ratio Lower Upper
91 100
106 28.8 22.3 41.3



#53
m,p-Xylene
Concen: 0.163 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. -0.003 min
Lab File: VU052240.D
Acq: 08 Dec 2022 11:47

Tgt Ion: 106 Resp: 4630
Ion Ratio Lower Upper
106 100
91 162.9 137.7 255.7

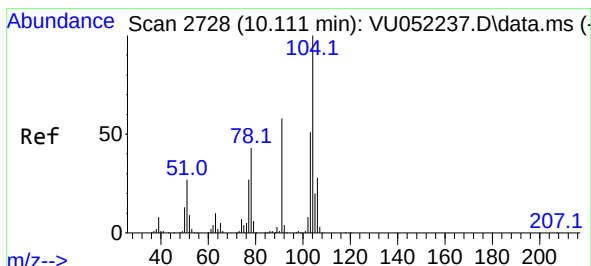
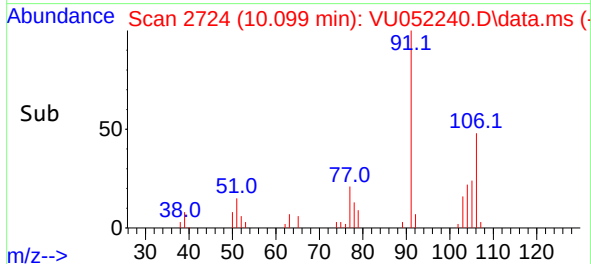
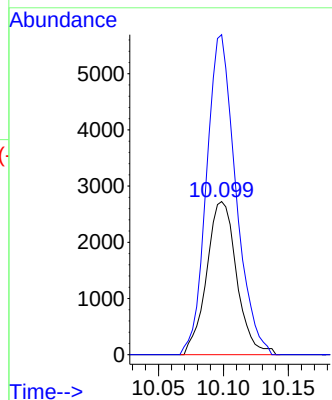
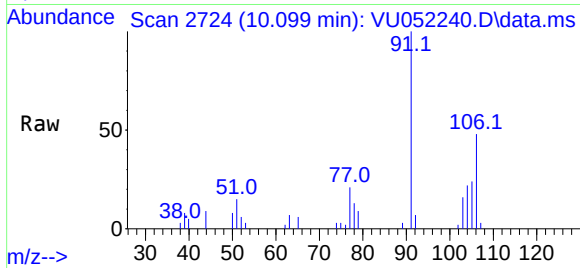




#54
o-Xylene
Concen: 0.161 ug/L
RT: 10.099 min Scan# 2724
Delta R.T. 0.000 min
Lab File: VU052240.D
Acq: 08 Dec 2022 11:47

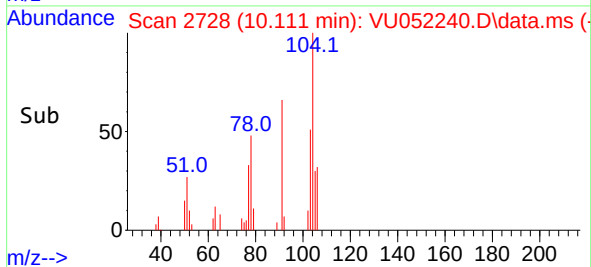
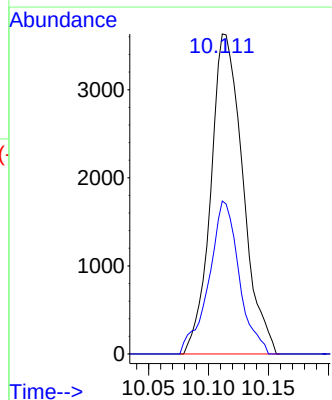
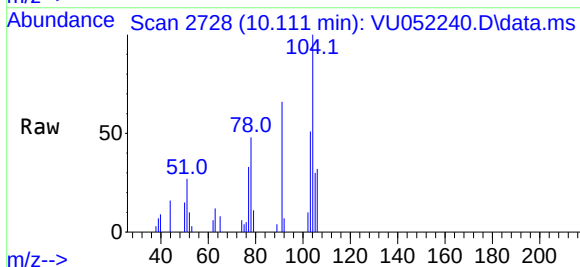
Instrument :
MSVOA_U
ClientSampleId :
MDL06

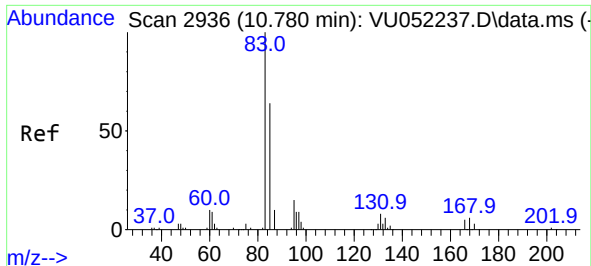
Tgt Ion:106 Resp: 4379
Ion Ratio Lower Upper
106 100
91 209.0 151.5 281.5



#55
Styrene
Concen: 0.147 ug/L
RT: 10.111 min Scan# 2728
Delta R.T. 0.000 min
Lab File: VU052240.D
Acq: 08 Dec 2022 11:47

Tgt Ion:104 Resp: 6749
Ion Ratio Lower Upper
104 100
78 47.8 30.6 56.8





#57

1,1,2,2-Tetrachloroethane

Concen: 0.229 ug/L

RT: 10.780 min Scan# 2936

Delta R.T. 0.000 min

Lab File: VU052240.D

Acq: 08 Dec 2022 11:47

Instrument :

MSVOA_U

ClientSampleId :

MDL06

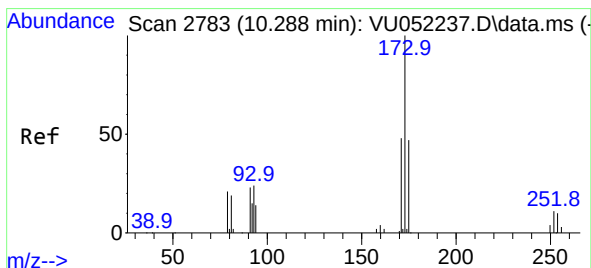
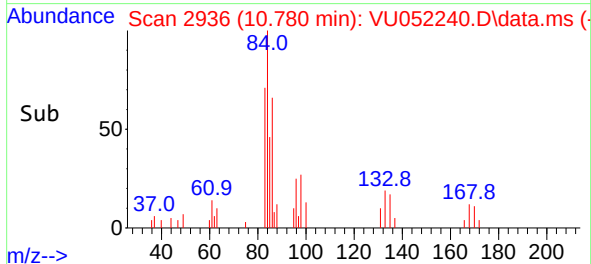
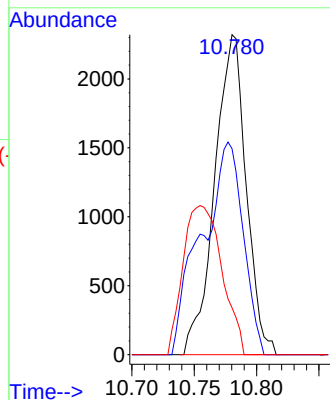
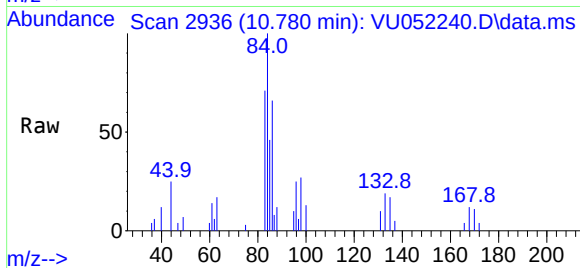
Tgt Ion: 83 Resp: 4076

Ion Ratio Lower Upper

83 100

85 64.3 45.7 84.9

131 14.6 7.6 11.4#



#59

Bromoform

Concen: 0.240 ug/L

RT: 10.292 min Scan# 2784

Delta R.T. 0.003 min

Lab File: VU052240.D

Acq: 08 Dec 2022 11:47

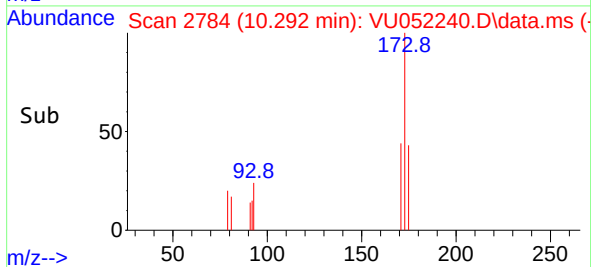
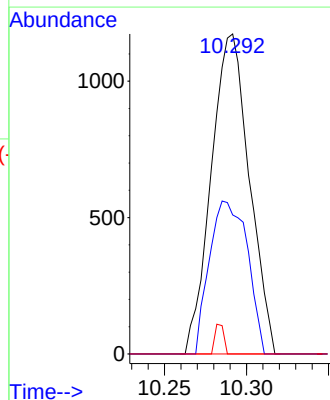
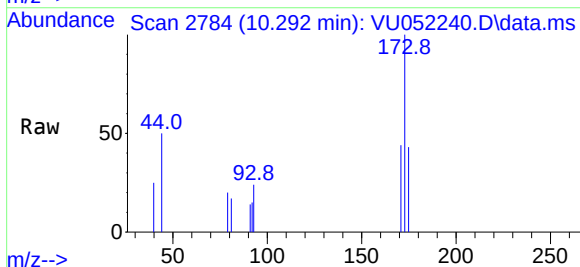
Tgt Ion:173 Resp: 1890

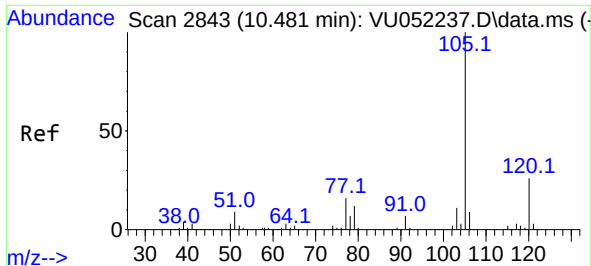
Ion Ratio Lower Upper

173 100

175 47.6 37.2 55.8

254 2.2 7.0 10.6#



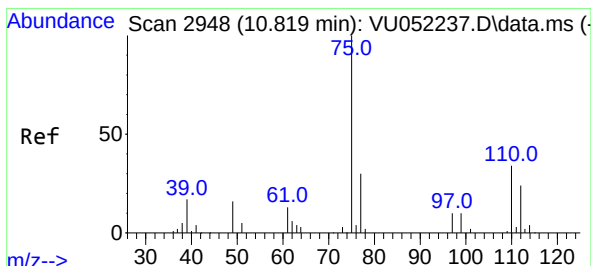
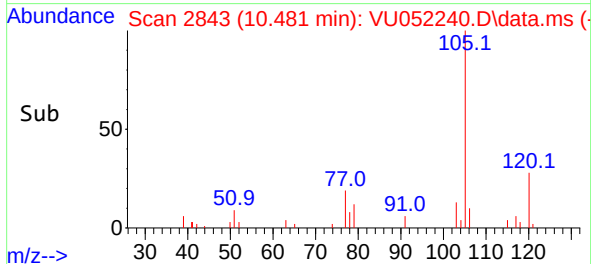
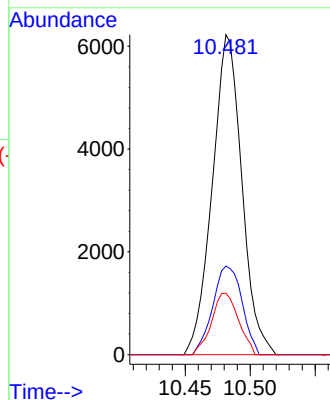
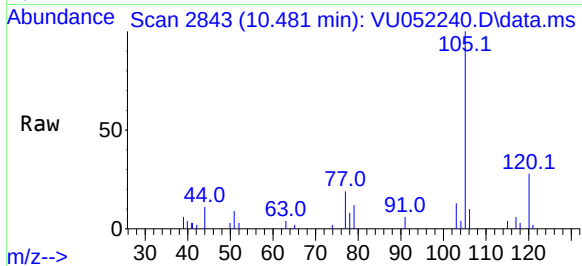


#60
Isopropylbenzene
Concen: 0.163 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. 0.000 min
Lab File: VU052240.D
Acq: 08 Dec 2022 11:47

Instrument :
MSVOA_U
ClientSampleId :
MDL06

Tgt Ion:105 Resp: 9833

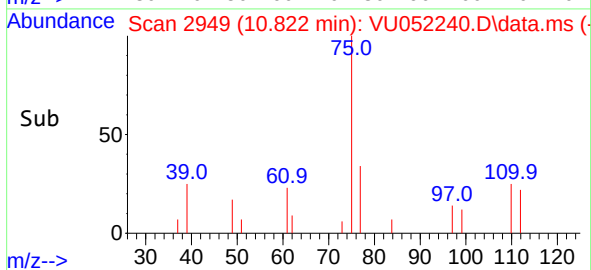
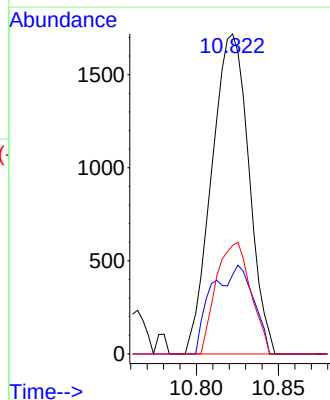
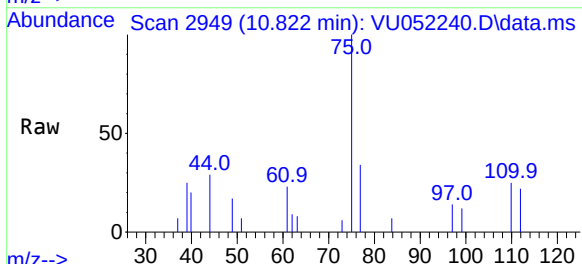
Ion	Ratio	Lower	Upper
105	100		
120	27.4	21.0	31.6
77	17.6	12.5	18.7

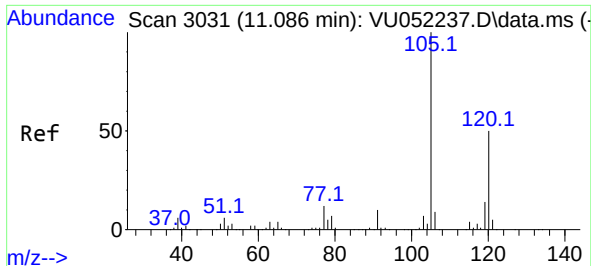


#61
1,2,3-Trichloropropane
Concen: 0.247 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. 0.003 min
Lab File: VU052240.D
Acq: 08 Dec 2022 11:47

Tgt Ion: 75 Resp: 2704

Ion	Ratio	Lower	Upper
75	100		
110	16.8	28.3	42.5#
77	32.3	26.2	39.2

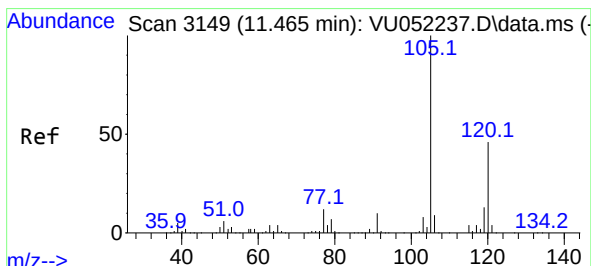
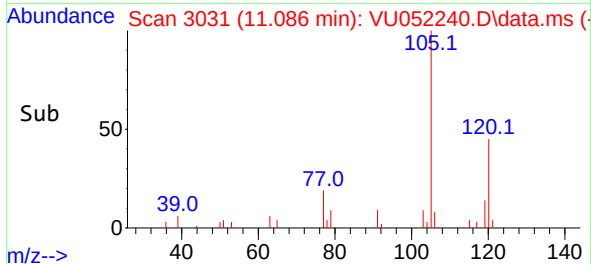
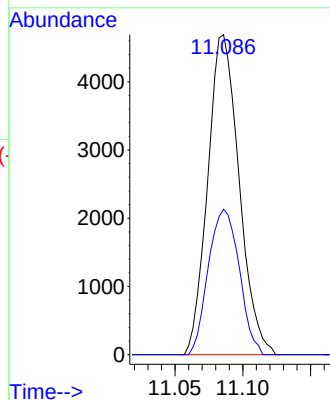
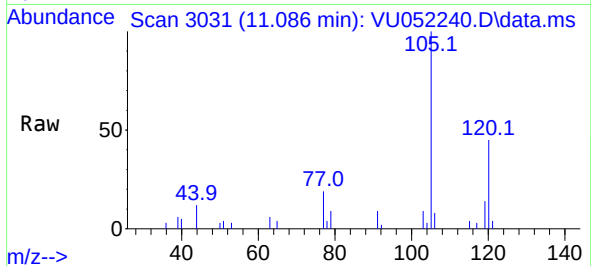




#62
1,3,5-Trimethylbenzene
Concen: 0.157 ug/L
RT: 11.086 min Scan# 3031
Delta R.T. 0.000 min
Lab File: VU052240.D
Acq: 08 Dec 2022 11:47

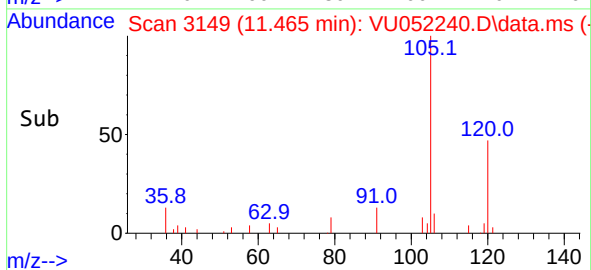
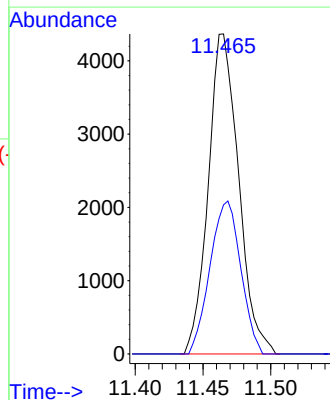
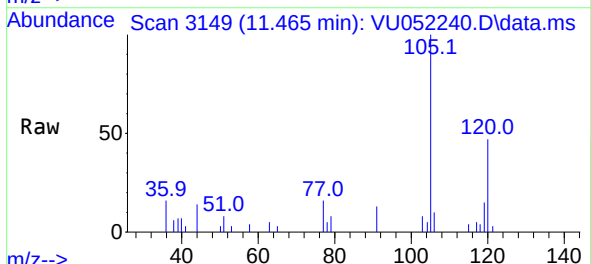
Instrument :
MSVOA_U
ClientSampleId :
MDL06

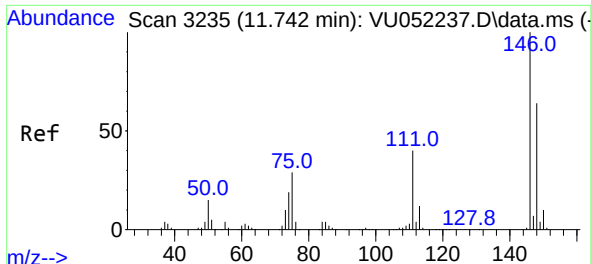
Tgt Ion:105 Resp: 7549
Ion Ratio Lower Upper
105 100
120 44.7 38.7 58.1



#63
1,2,4-Trimethylbenzene
Concen: 0.142 ug/L
RT: 11.465 min Scan# 3149
Delta R.T. 0.000 min
Lab File: VU052240.D
Acq: 08 Dec 2022 11:47

Tgt Ion:105 Resp: 6794
Ion Ratio Lower Upper
105 100
120 48.3 36.6 55.0

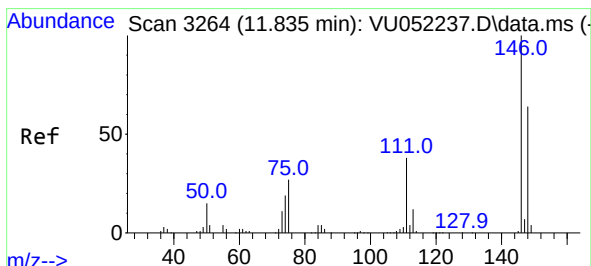
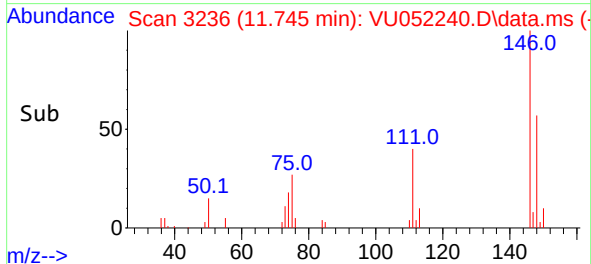
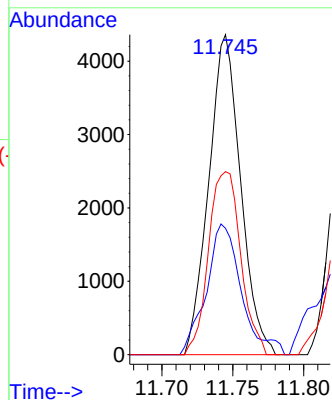
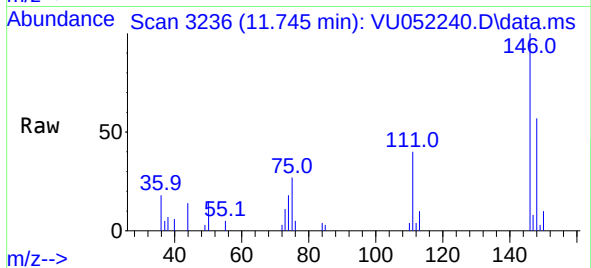




#64
1,3-Dichlorobenzene
Concen: 0.222 ug/L
RT: 11.745 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU052240.D
Acq: 08 Dec 2022 11:47

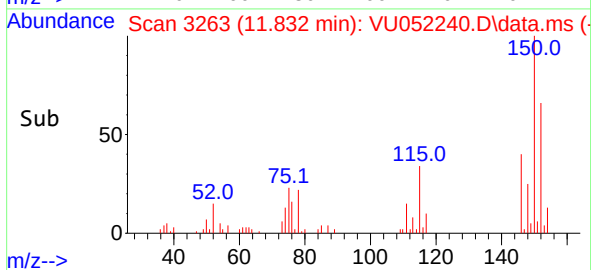
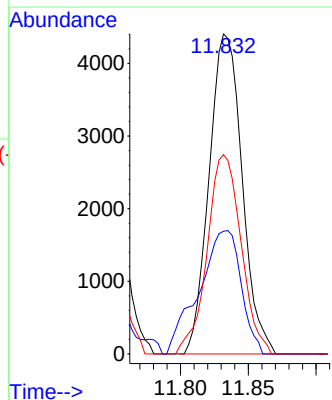
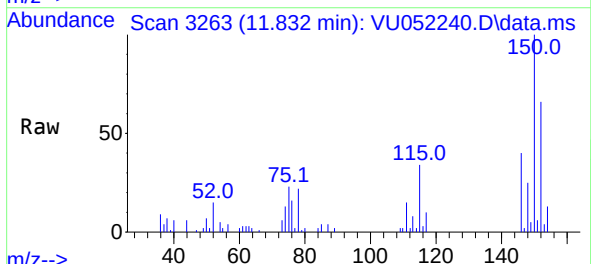
Instrument :
MSVOA_U
ClientSampleId :
MDL06

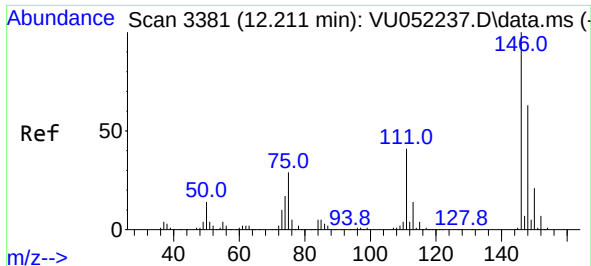
Tgt Ion:146 Resp: 6823
Ion Ratio Lower Upper
146 100
111 39.5 28.6 53.2
148 57.2 45.4 84.2



#65
1,4-Dichlorobenzene
Concen: 0.243 ug/L
RT: 11.832 min Scan# 3263
Delta R.T. 0.000 min
Lab File: VU052240.D
Acq: 08 Dec 2022 11:47

Tgt Ion:146 Resp: 7451
Ion Ratio Lower Upper
146 100
111 38.3 26.9 50.1
148 62.3 45.1 83.7





#67

1,2-Dichlorobenzene

Concen: 0.342 ug/L

RT: 12.211 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU052240.D

Acq: 08 Dec 2022 11:47

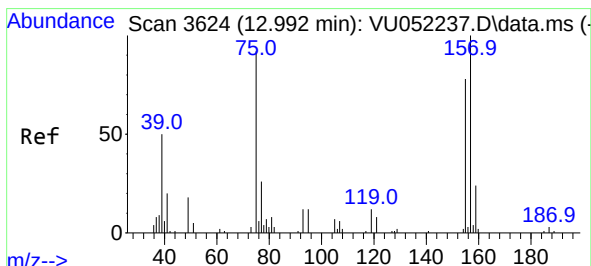
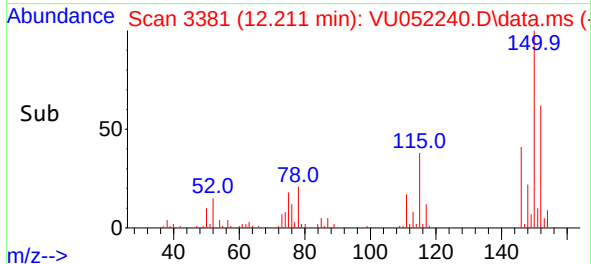
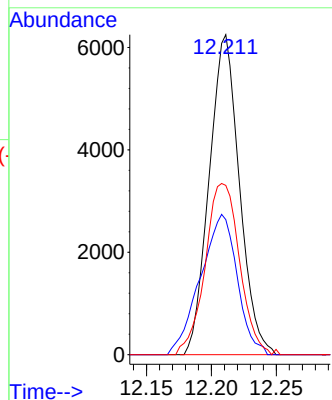
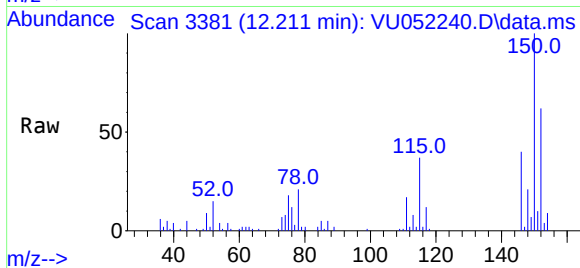
Instrument :

MSVOA_U

ClientSampleId :

MDL06

Tgt Ion:146	Resp:	10114
Ion	Ratio	Lower Upper
146	100	
111	42.2	32.7 49.1
148	52.9	50.6 75.8



#68

1,2-Dibromo-3-chloropropane

Concen: 0.188 ug/L

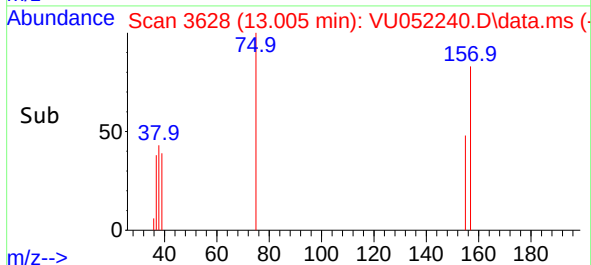
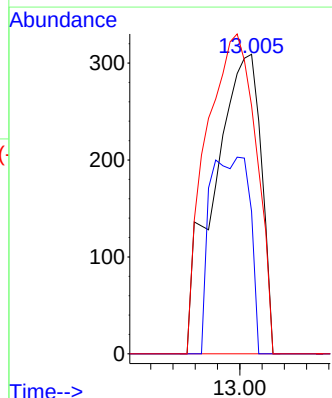
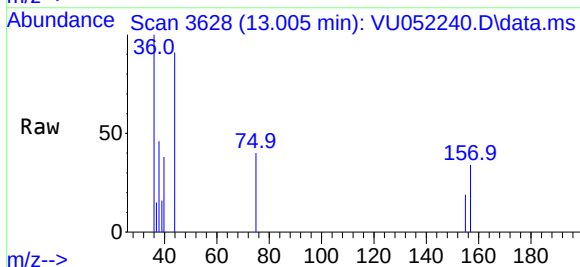
RT: 13.005 min Scan# 3628

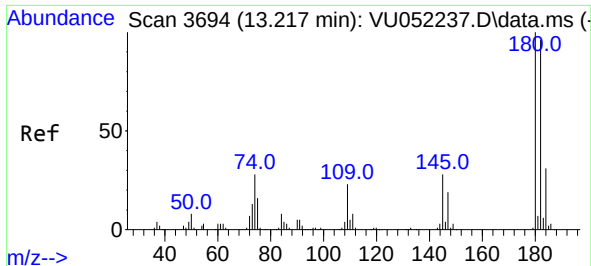
Delta R.T. 0.013 min

Lab File: VU052240.D

Acq: 08 Dec 2022 11:47

Tgt Ion: 75	Resp:	450
Ion	Ratio	Lower Upper
75	100	
155	47.6	65.4 98.2#
157	82.8	80.5 120.7

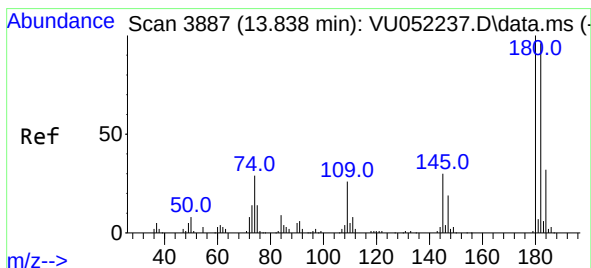
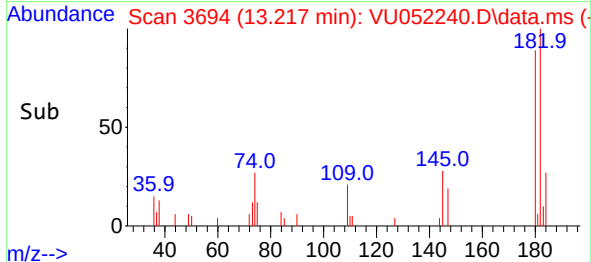
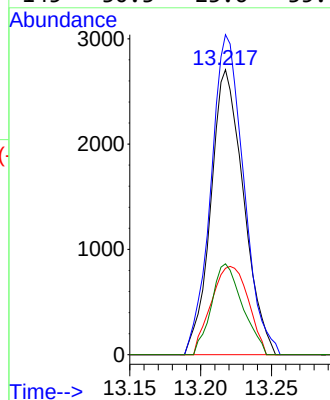
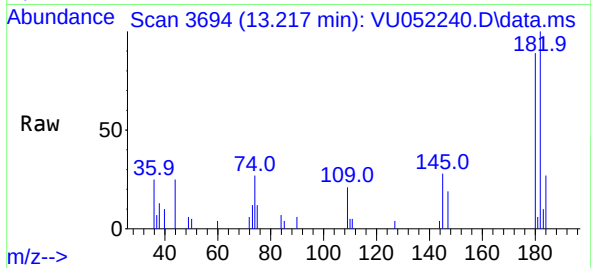




#69
1,3,5-Trichlorobenzene
Concen: 0.200 ug/L
RT: 13.217 min Scan# 3694
Delta R.T. 0.003 min
Lab File: VU052240.D
Acq: 08 Dec 2022 11:47

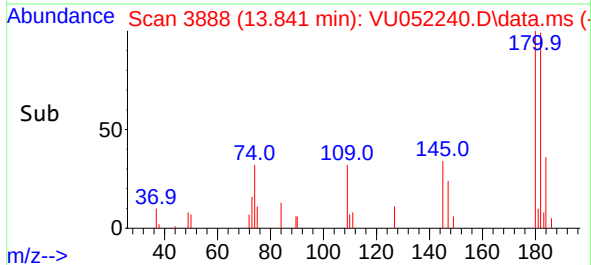
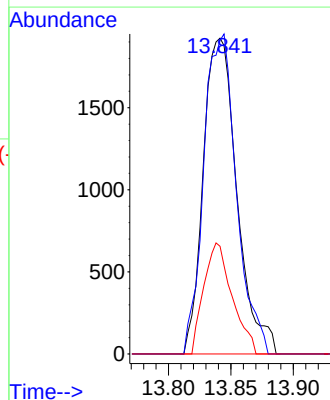
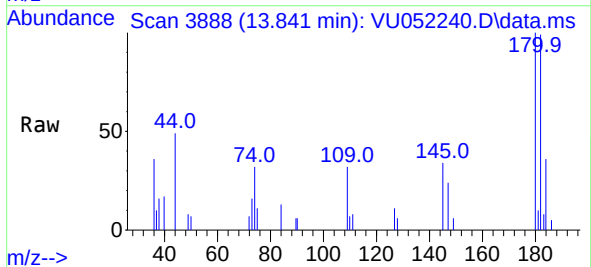
Instrument :
MSVOA_U
ClientSampleId :
MDL06

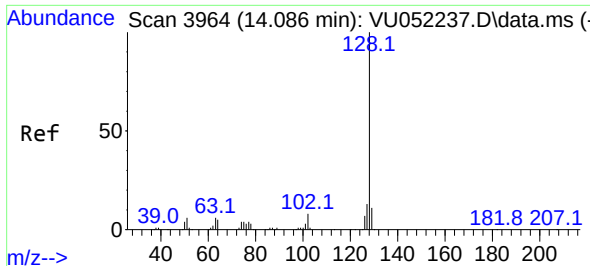
Tgt Ion:180	Resp:	4358
Ion	Ratio	Lower Upper
180	100	
182	112.3	75.7 113.5
184	35.0	24.3 36.5
145	30.3	23.6 35.4



#70
1,2,4-trichlorobenzene
Concen: 0.218 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. 0.003 min
Lab File: VU052240.D
Acq: 08 Dec 2022 11:47

Tgt Ion:180	Resp:	3624
Ion	Ratio	Lower Upper
180	100	
182	98.0	76.3 114.5
145	29.6	24.6 36.8



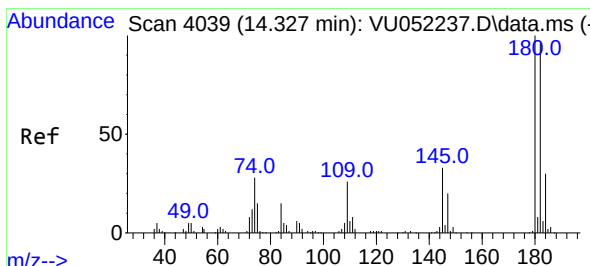
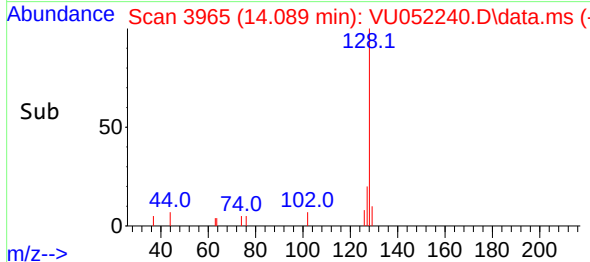
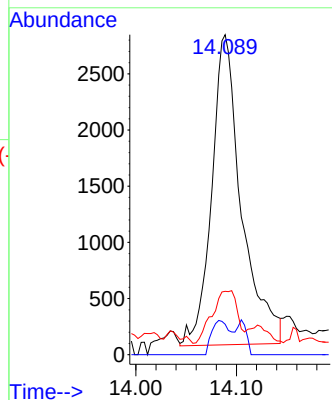
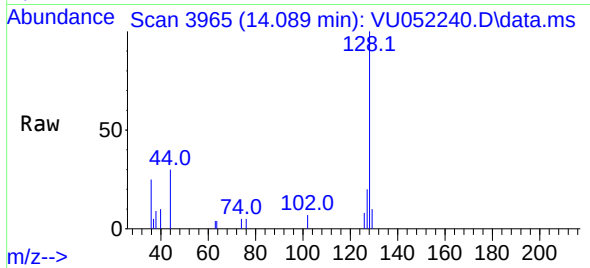


#71
Naphthalene
Concen: 0.182 ug/L
RT: 14.089 min Scan# 3964
Delta R.T. 0.006 min
Lab File: VU052240.D
Acq: 08 Dec 2022 11:47

Instrument :
MSVOA_U
ClientSampleId :
MDL06

Tgt Ion:128 Resp: 5676

Ion	Ratio	Lower	Upper
128	100		
129	7.2	8.3	12.5#
127	18.2	10.2	15.4#



#72
1,2,3-Trichlorobenzene
Concen: 0.227 ug/L
RT: 14.327 min Scan# 4039
Delta R.T. 0.000 min
Lab File: VU052240.D
Acq: 08 Dec 2022 11:47

Tgt Ion:180 Resp: 3699

Ion	Ratio	Lower	Upper
180	100		
182	82.1	75.7	113.5
145	29.2	24.5	36.7

