

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110321\
 Data File : VU045526.D
 Acq On : 03 Nov 2021 17:04
 Operator : SY/MD
 Sample : MDL01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL01

Quant Time: Nov 09 07:55:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 09 07:37:44 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	157137	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	161855	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	73791	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	65236	4.989	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.800%
7) Chloroethane-d5	1.919	69	39976	4.793	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.800%
11) 1,1-Dichloroethene-d2	2.571	65	24415	4.782	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.600%
20) 2-Butanone-d5	4.639	46	194551	54.170	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.340%
24) Chloroform-d	5.070	84	105796	4.954	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
26) 1,2-Dichloroethane-d4	5.706	65	52194	4.739	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.800%
32) Benzene-d6	5.732	84	213350	4.517	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
36) 1,2-Dichloropropane-d6	6.693	67	71338	4.530	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.600%
41) Toluene-d8	7.902	98	198847	4.551	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.000%
43) trans-1,3-Dichloroprop...	8.182	79	28431	4.466	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.400%
46) 2-Hexanone-d5	8.635	63	165212	46.040	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.080%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	62791	4.570	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	71100	5.070	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	2853	0.206	ug/L	95
3) Chloromethane	1.520	50	5074	0.307	ug/L	100
5) Vinyl chloride	1.607	62	3615	0.230	ug/L #	78
6) Bromomethane	1.861	94	1529	0.214	ug/L	94
8) Chloroethane	1.938	64	1479	0.207	ug/L	96
9) Trichlorofluoromethane	2.144	101	2629	0.203	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	2626	0.257	ug/L #	79
12) 1,1-Dichloroethene	2.581	96	2570	0.258	ug/L #	1
13) Acetone	2.658	43	5118	2.493	ug/L	89
14) Carbon disulfide	2.800	76	8020	0.228	ug/L	96
15) Methyl Acetate	2.954	43	1167	0.220	ug/L #	57
16) Methylene chloride	3.054	84	3154	0.251	ug/L	91
17) Methyl tert-butyl Ether	3.369	73	5758	0.204	ug/L	96
18) trans-1,2-Dichloroethene	3.356	96	2418	0.217	ug/L	89
19) 1,1-Dichloroethane	3.874	63	4568	0.225	ug/L	95
21) 2-Butanone	4.726	43	8262	2.518	ug/L	86
22) cis-1,2-Dichloroethene	4.671	96	2503	0.224	ug/L	93
23) Bromochloromethane	4.980	128	1020	0.206	ug/L #	85
25) Chloroform	5.092	83	5800	0.298	ug/L	96

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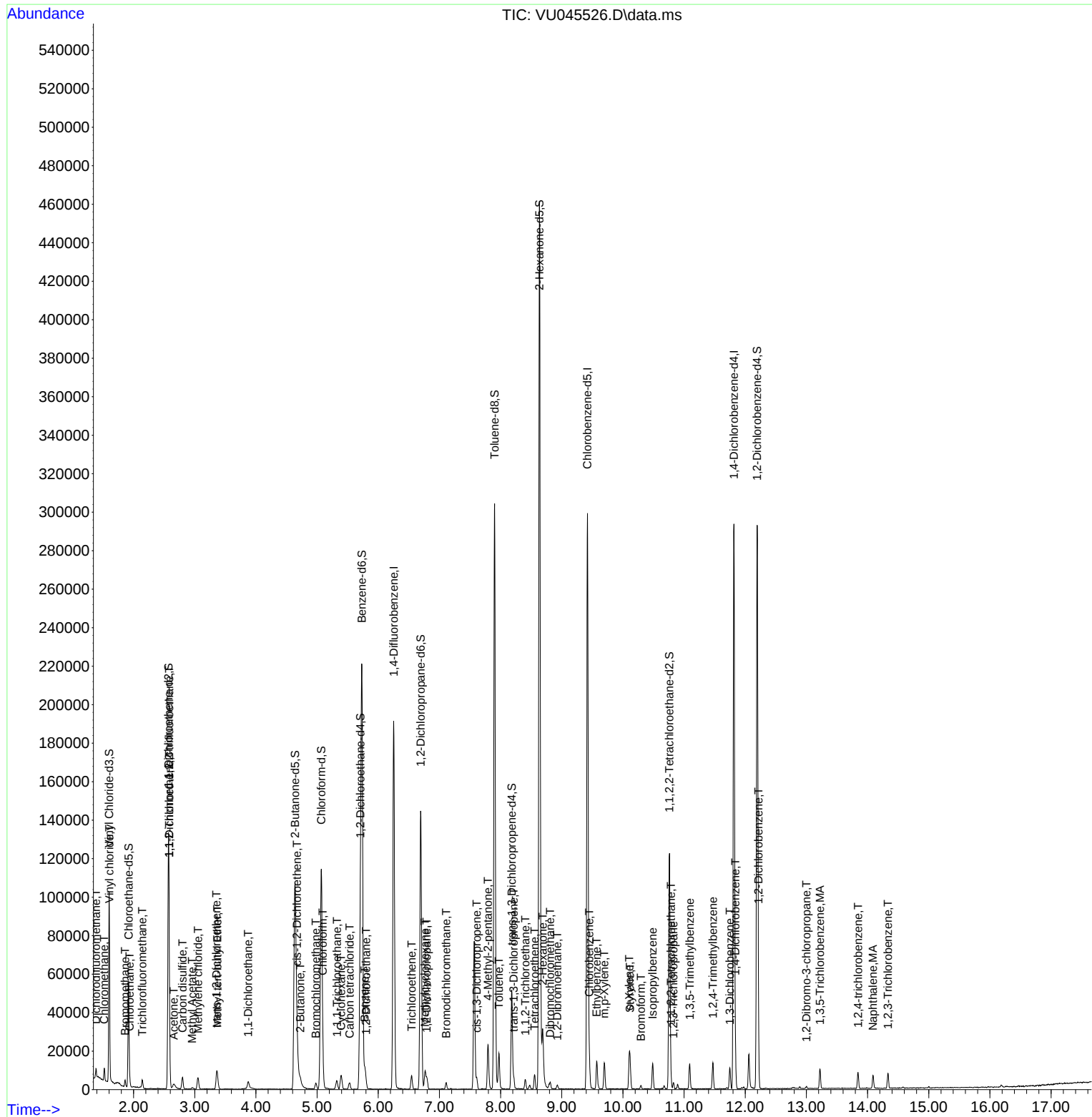
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	2689	0.221	ug/L #	72
29) 1,1,1-Trichloroethane	5.327	97	3663	0.221	ug/L	89
30) Cyclohexane	5.394	56	3626	0.179	ug/L	90
31) Carbon tetrachloride	5.533	117	2356	0.174	ug/L	95
33) Benzene	5.780	78	9259	0.191	ug/L	100
34) Trichloroethene	6.545	95	2326	0.188	ug/L	93
35) Methylcyclohexane	6.764	83	3618	0.168	ug/L	94
37) 1,2-Dichloropropane	6.793	63	2272	0.176	ug/L #	87
38) Bromodichloromethane	7.111	83	2687	0.186	ug/L #	91
39) cis-1,3-Dichloropropene	7.610	75	3276	0.176	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	15608	1.806	ug/L #	88
42) Toluene	7.973	91	13027	0.247	ug/L	94
44) trans-1,3-Dichloropropene	8.214	75	3494	0.216	ug/L #	71
45) 1,1,2-Trichloroethane	8.404	97	1779	0.191	ug/L	89
47) Tetrachloroethene	8.558	164	1666	0.187	ug/L	89
48) 2-Hexanone	8.690	43	18419	2.912	ug/L	95
49) Dibromochloromethane	8.812	129	1832	0.200	ug/L	90
50) 1,2-Dibromoethane	8.928	107	1678	0.202	ug/L #	88
51) Chlorobenzene	9.449	112	6302	0.202	ug/L	95
52) Ethylbenzene	9.571	91	10676	0.196	ug/L	100
53) m,p-Xylene	9.697	106	3954	0.188	ug/L	90
54) o-Xylene	10.102	106	3826	0.186	ug/L	100
55) Styrene	10.118	104	5698	0.167	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.786	83	2466	0.198	ug/L #	80
59) Bromoform	10.295	173	911	0.199	ug/L #	81
60) Isopropylbenzene	10.487	105	9195	0.193	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	1699	0.207	ug/L	97
62) 1,3,5-Trimethylbenzene	11.092	105	7214	0.177	ug/L	93
63) 1,2,4-Trimethylbenzene	11.471	105	7537	0.185	ug/L	99
64) 1,3-Dichlorobenzene	11.751	146	4522	0.206	ug/L	96
65) 1,4-Dichlorobenzene	11.838	146	4714	0.214	ug/L	97
67) 1,2-Dichlorobenzene	12.214	146	4675	0.221	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.999	75	355	0.194	ug/L #	78
69) 1,3,5-Trichlorobenzene	13.220	180	3430	0.212	ug/L	98
70) 1,2,4-trichlorobenzene	13.844	180	2903	0.201	ug/L	97
71) Naphthalene	14.089	128	5809	0.187	ug/L	99
72) 1,2,3-Trichlorobenzene	14.333	180	2610	0.192	ug/L	94

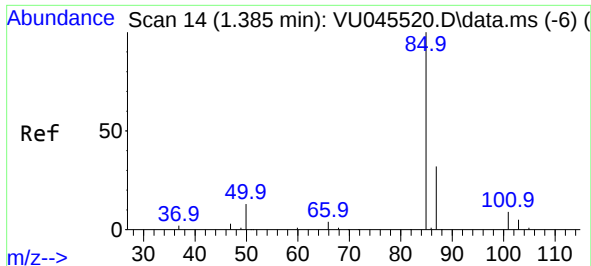
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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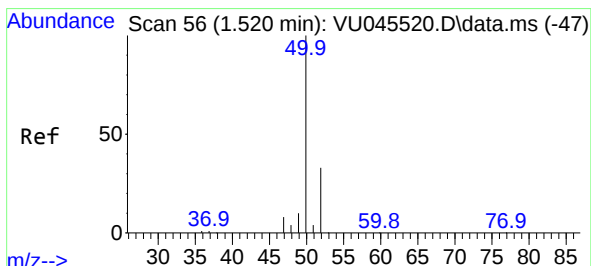
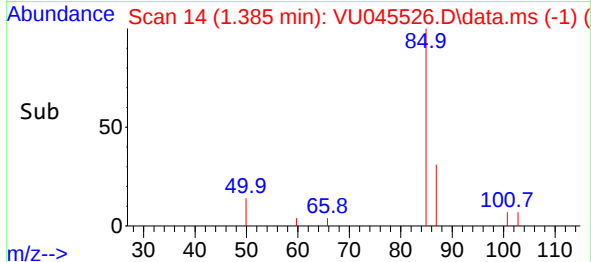
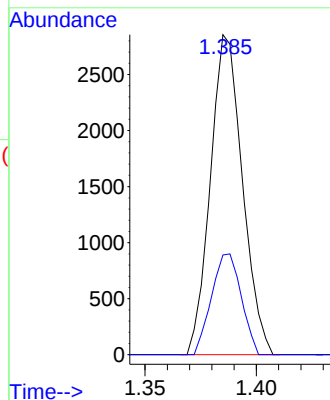
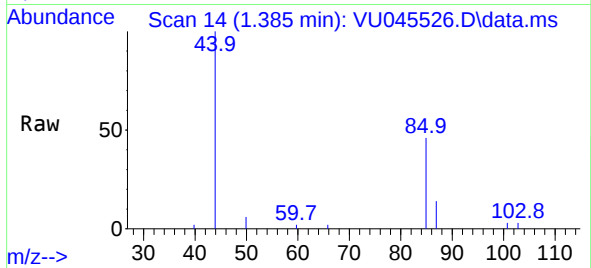




#2
Dichlorodifluoromethane
Concen: 0.206 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU045526.D
Acq: 03 Nov 2021 17:04

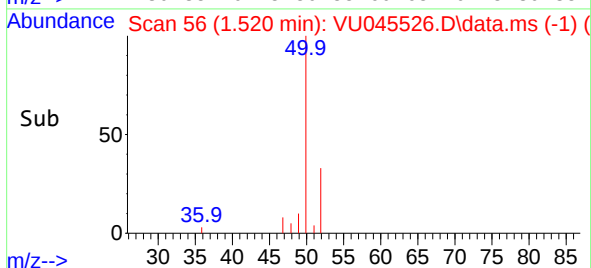
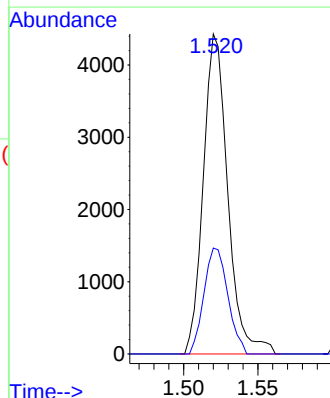
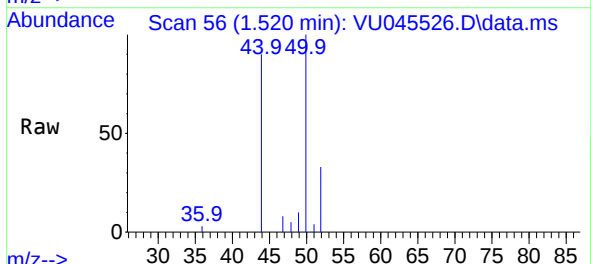
Instrument :
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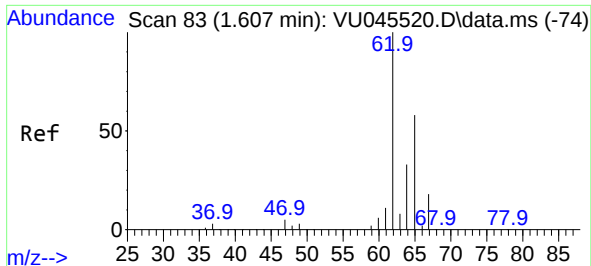
Tgt Ion: 85 Resp: 2853
Ion Ratio Lower Upper
85 100
87 29.1 25.6 38.4



#3
Chloromethane
Concen: 0.307 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.000 min
Lab File: VU045526.D
Acq: 03 Nov 2021 17:04

Tgt Ion: 50 Resp: 5074
Ion Ratio Lower Upper
50 100
52 33.1 23.1 42.9

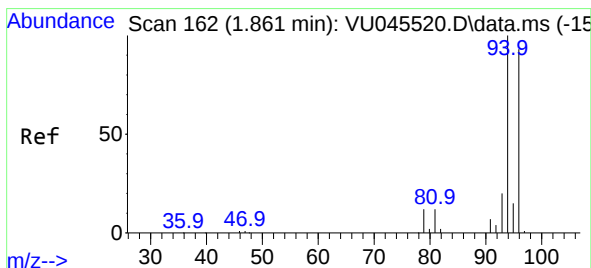
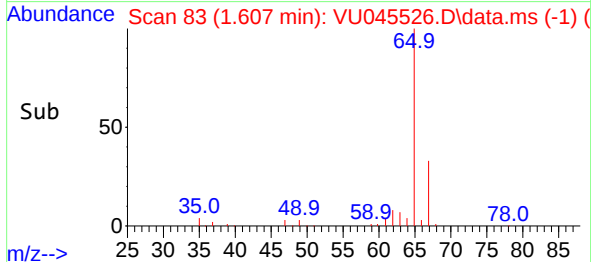
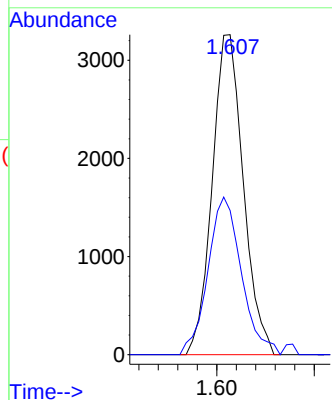
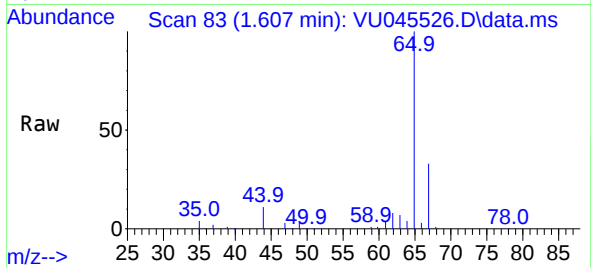




#5
 Vinyl chloride
 Concen: 0.230 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU045526.D
 Acq: 03 Nov 2021 17:04

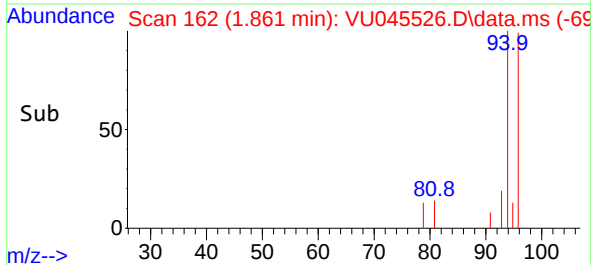
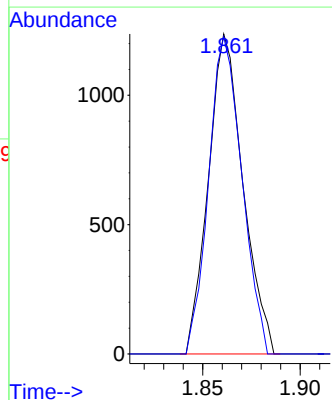
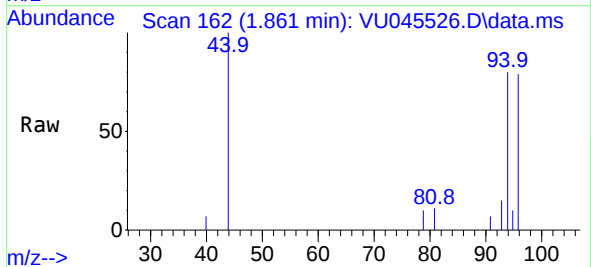
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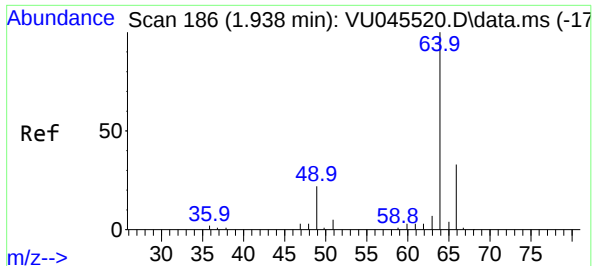
Tgt Ion: 62 Resp: 3615
 Ion Ratio Lower Upper
 62 100
 64 45.0 23.0 42.6#



#6
 Bromomethane
 Concen: 0.214 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. -0.000 min
 Lab File: VU045526.D
 Acq: 03 Nov 2021 17:04

Tgt Ion: 94 Resp: 1529
 Ion Ratio Lower Upper
 94 100
 96 99.1 65.2 121.2

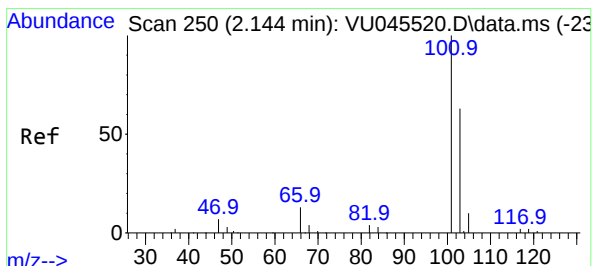
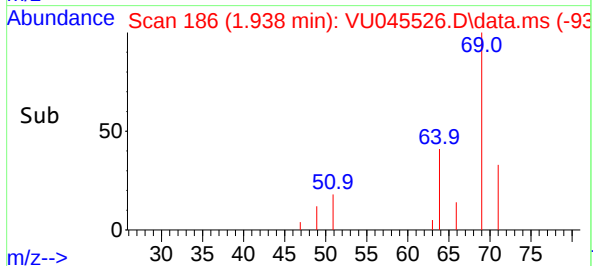
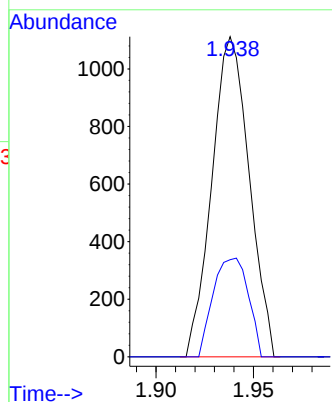
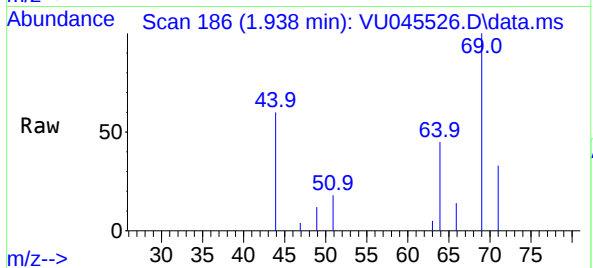




#8
Chloroethane
Concen: 0.207 ug/L
RT: 1.938 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU045526.D
Acq: 03 Nov 2021 17:04

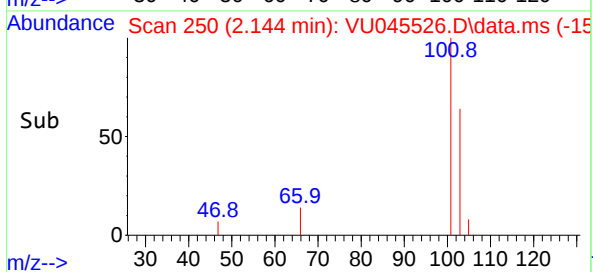
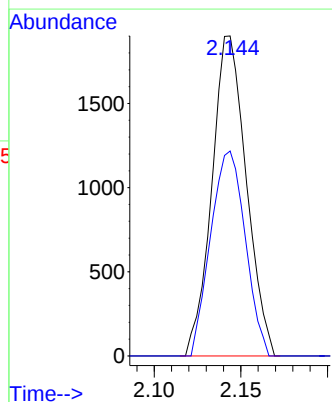
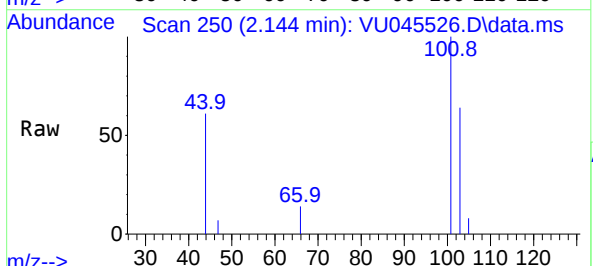
Instrument :
MSVOA_U
ClientSampleId :
MDL01

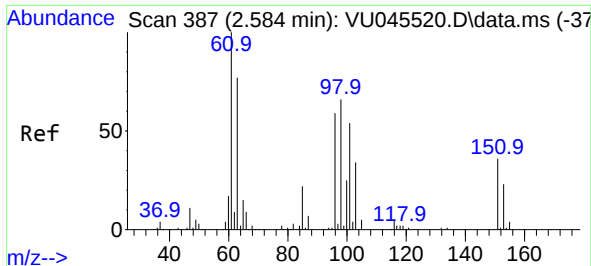
Tgt Ion: 64 Resp: 1479
Ion Ratio Lower Upper
64 100
66 30.3 23.0 42.6



#9
Trichlorofluoromethane
Concen: 0.203 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU045526.D
Acq: 03 Nov 2021 17:04

Tgt Ion:101 Resp: 2629
Ion Ratio Lower Upper
101 100
103 64.3 51.9 77.9

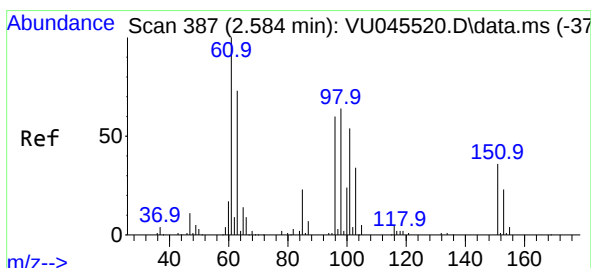
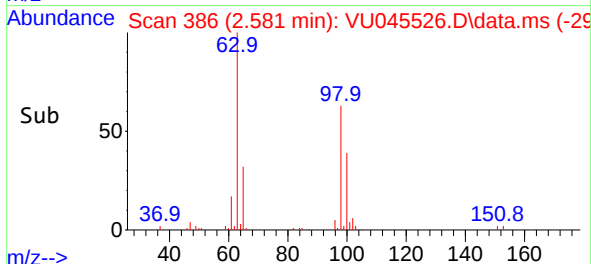
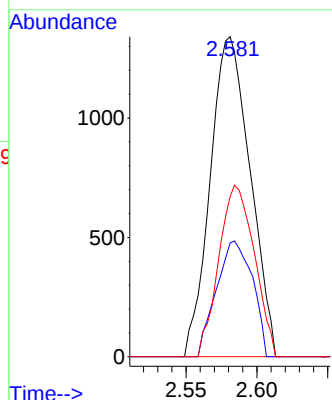
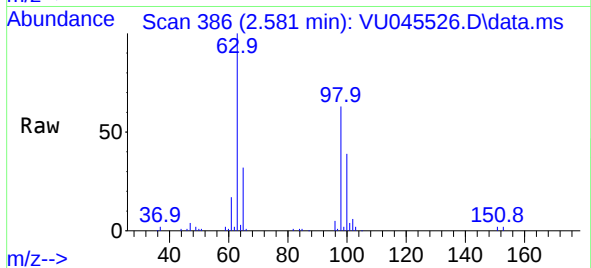




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.257 ug/L
RT: 2.581 min Scan# 386
Delta R.T. -0.003 min
Lab File: VU045526.D
Acq: 03 Nov 2021 17:04

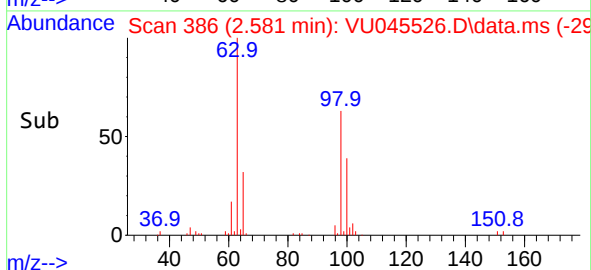
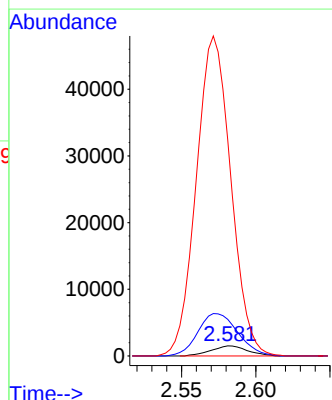
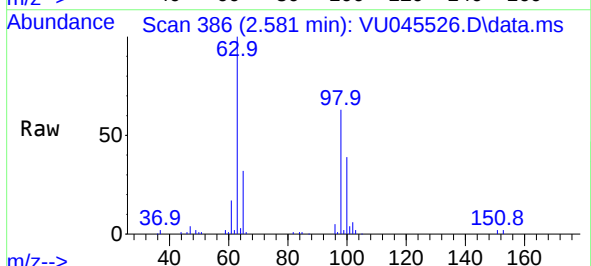
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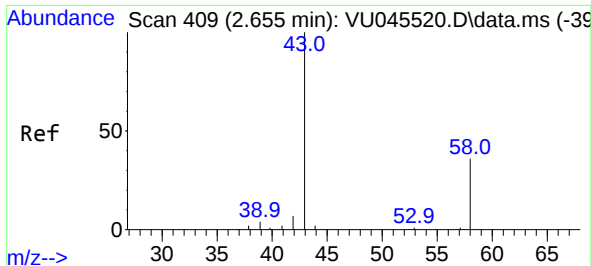
Tgt Ion:101 Resp: 2626
Ion Ratio Lower Upper
101 100
85 32.6 34.0 51.0#
151 47.7 53.5 80.3#



#12
1,1-Dichloroethene
Concen: 0.258 ug/L
RT: 2.581 min Scan# 386
Delta R.T. -0.003 min
Lab File: VU045526.D
Acq: 03 Nov 2021 17:04

Tgt Ion: 96 Resp: 2570
Ion Ratio Lower Upper
96 100
61 365.2 118.4 219.8#
63 2155.0 92.0 170.8#

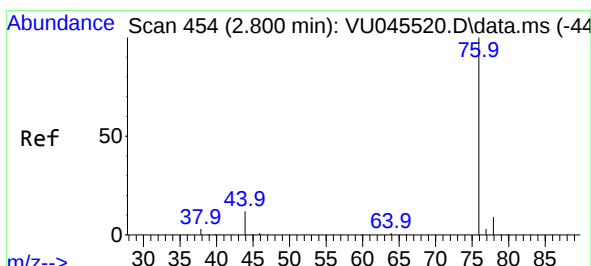
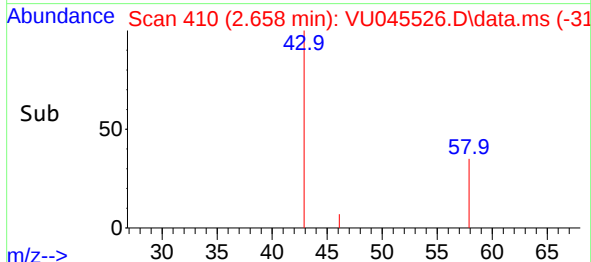
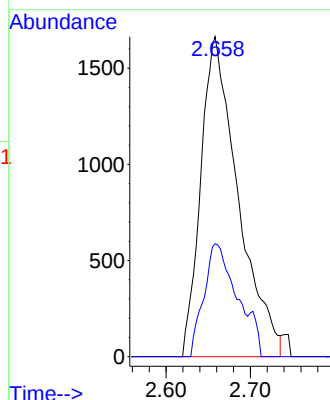
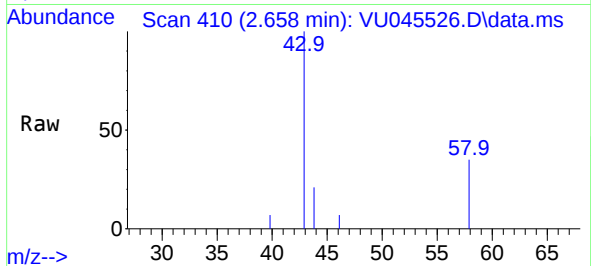




#13
Acetone
Concen: 2.493 ug/L
RT: 2.658 min Scan# 411
Delta R.T. 0.003 min
Lab File: VU045526.D
Acq: 03 Nov 2021 17:04

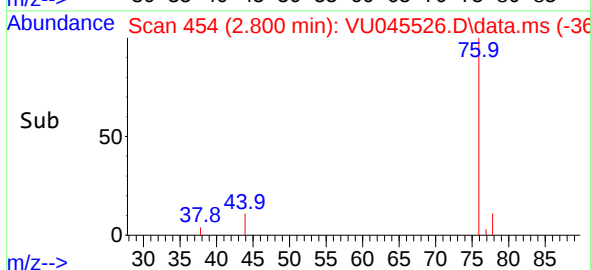
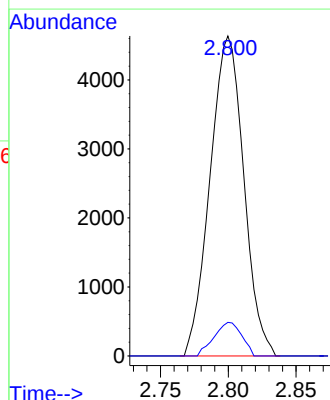
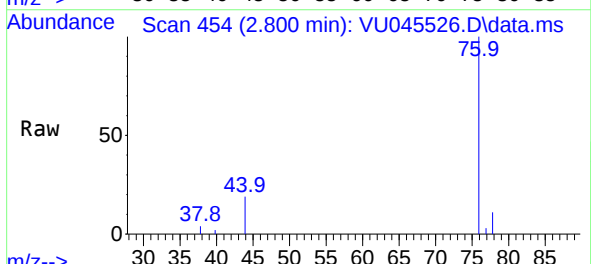
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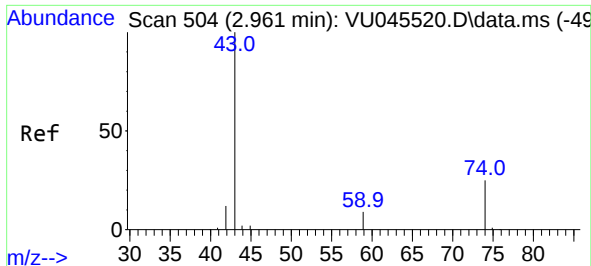
Tgt Ion: 43 Resp: 5118
Ion Ratio Lower Upper
43 100
58 28.9 0.0 70.2



#14
Carbon disulfide
Concen: 0.228 ug/L
RT: 2.800 min Scan# 454
Delta R.T. -0.000 min
Lab File: VU045526.D
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Tgt Ion: 76 Resp: 8020
Ion Ratio Lower Upper
76 100
78 10.5 7.2 10.8

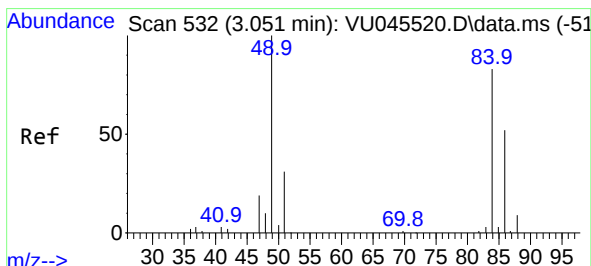
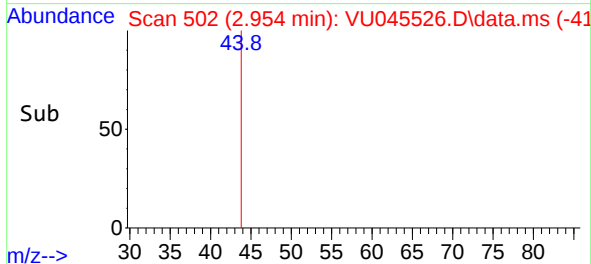
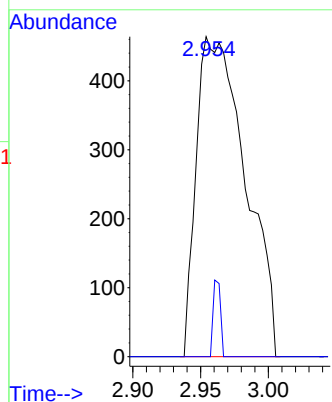
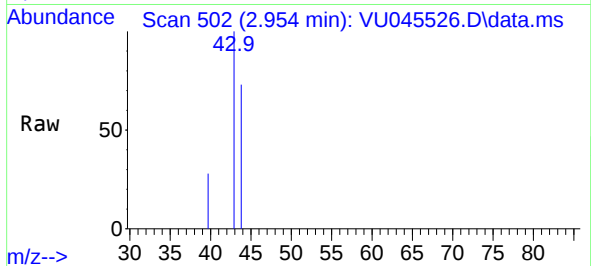




#15
Methyl Acetate
Concen: 0.220 ug/L
RT: 2.954 min Scan# 504
Delta R.T. -0.007 min
Lab File: VU045526.D
Acq: 03 Nov 2021 17:04

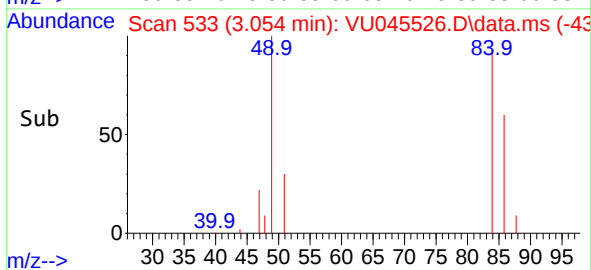
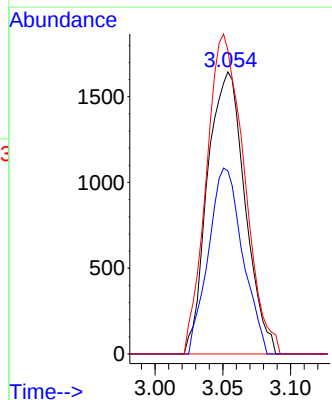
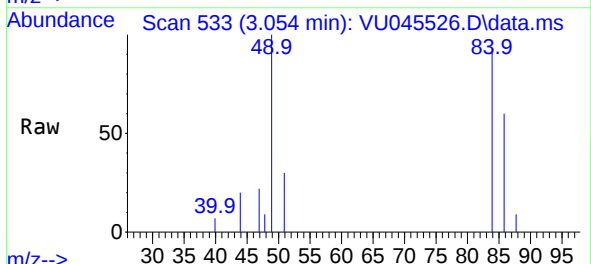
Instrument :
MSVOA_U
ClientSampleId :
MDL01

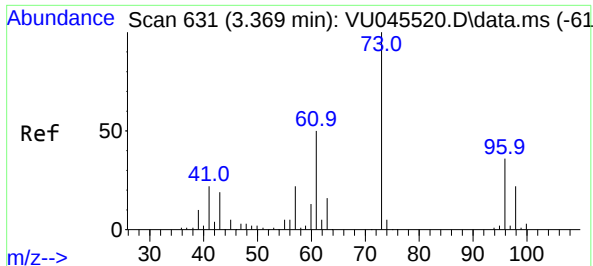
Tgt Ion: 43 Resp: 1167
Ion Ratio Lower Upper
43 100
74 3.6 20.0 30.0#



#16
Methylene chloride
Concen: 0.251 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.003 min
Lab File: VU045526.D
Acq: 03 Nov 2021 17:04

Tgt Ion: 84 Resp: 3154
Ion Ratio Lower Upper
84 100
86 64.9 43.8 81.3
49 107.6 84.5 156.9



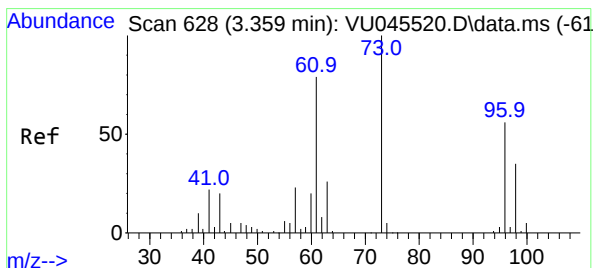
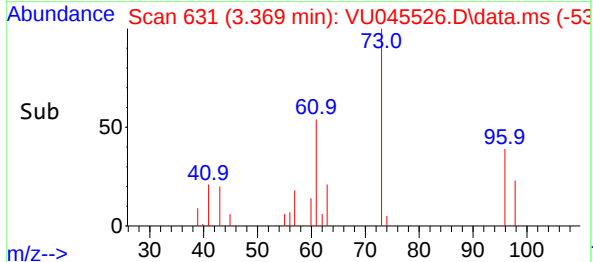
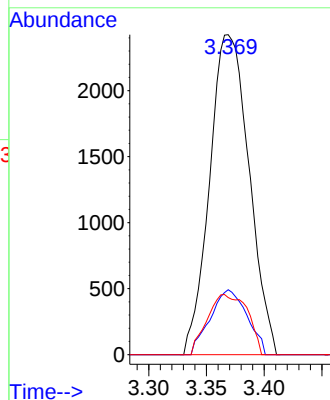
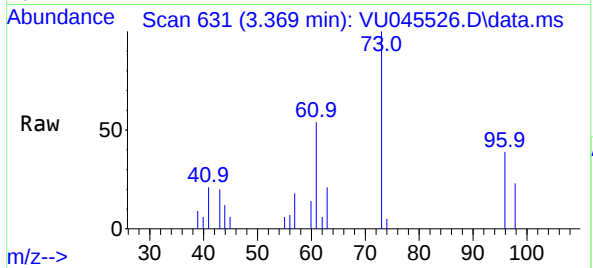


#17
Methyl tert-butyl Ether
Concen: 0.204 ug/L
RT: 3.369 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU045526.D
Acq: 03 Nov 2021 17:04

Instrument :
MSVOA_U
ClientSampleId :
MDL01

Tgt Ion: 73 Resp: 5758

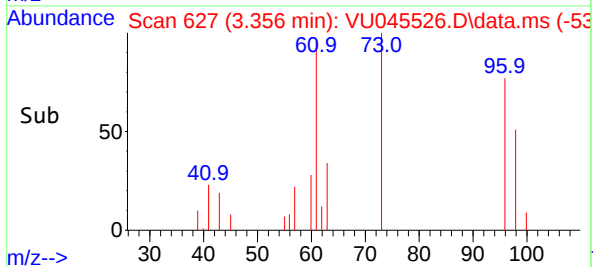
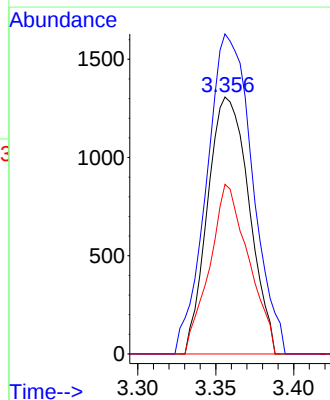
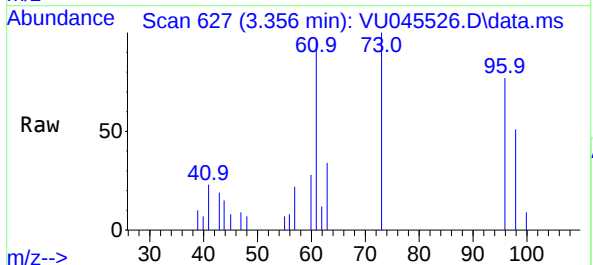
Ion	Ratio	Lower	Upper
73	100		
43	19.0	15.8	23.6
57	19.2	17.8	26.8

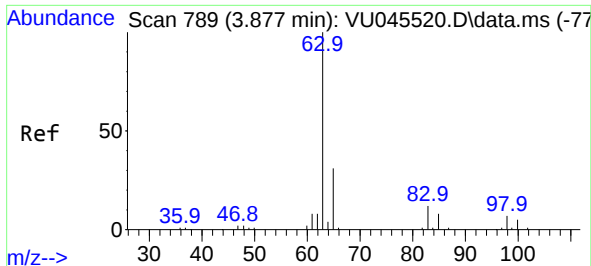


#18
trans-1,2-Dichloroethene
Concen: 0.217 ug/L
RT: 3.356 min Scan# 627
Delta R.T. -0.003 min
Lab File: VU045526.D
Acq: 03 Nov 2021 17:04

Tgt Ion: 96 Resp: 2418

Ion	Ratio	Lower	Upper
96	100		
61	124.5	98.3	182.7
98	66.0	43.0	79.8





#19

1,1-Dichloroethane

Concen: 0.225 ug/L

RT: 3.874 min Scan# 71

Delta R.T. -0.003 min

Lab File: VU045526.D

Acq: 03 Nov 2021 17:04

Instrument :

MSVOA_U

ClientSampleId :

MDL01

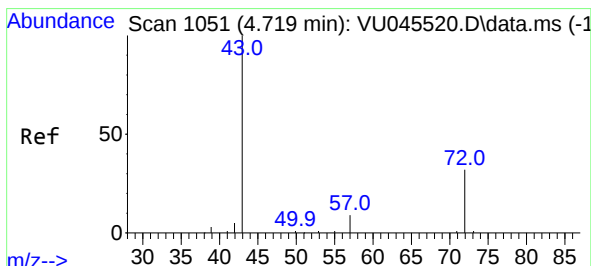
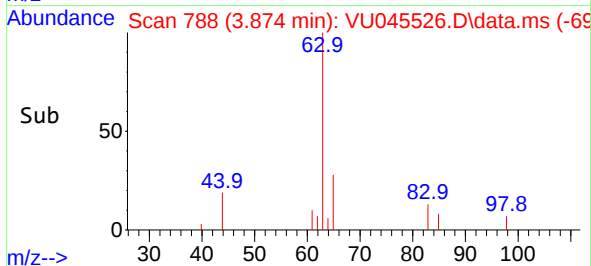
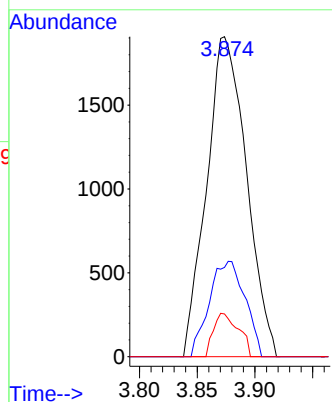
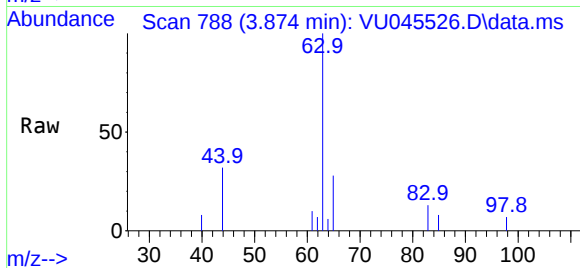
Tgt Ion: 63 Resp: 4568

Ion Ratio Lower Upper

63 100

65 27.9 21.5 39.9

83 13.4 8.4 15.6



#21

2-Butanone

Concen: 2.518 ug/L

RT: 4.726 min Scan# 1053

Delta R.T. 0.006 min

Lab File: VU045526.D

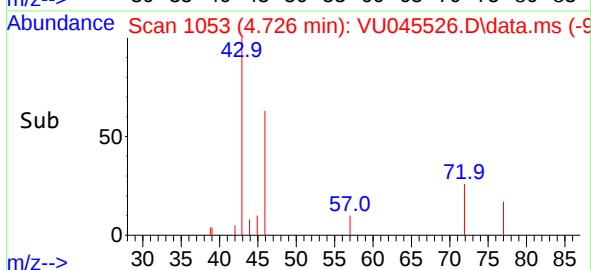
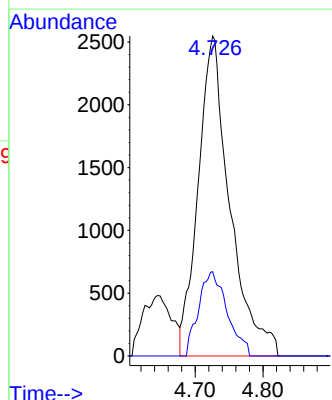
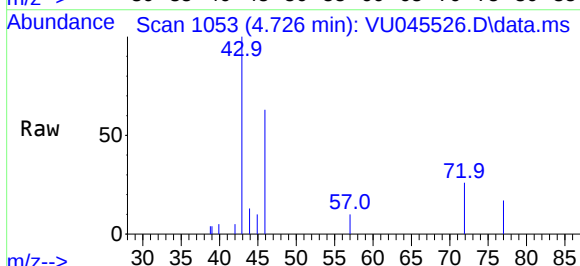
Acq: 03 Nov 2021 17:04

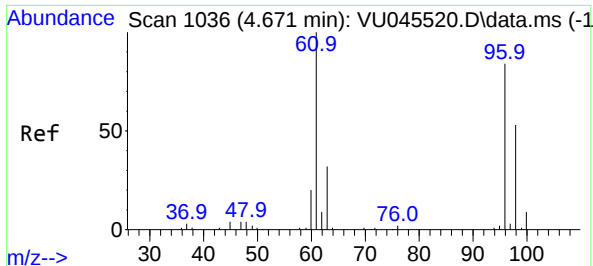
Tgt Ion: 43 Resp: 8262

Ion Ratio Lower Upper

43 100

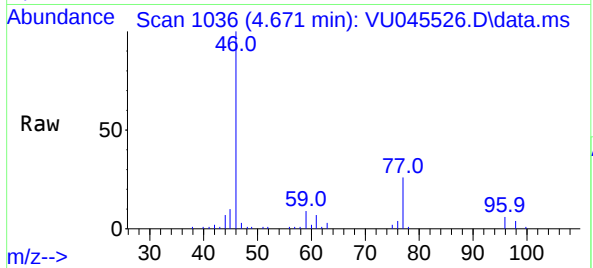
72 23.8 15.8 47.3





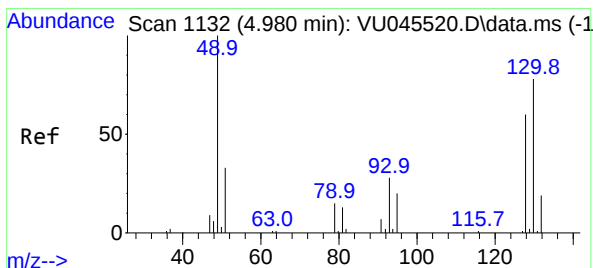
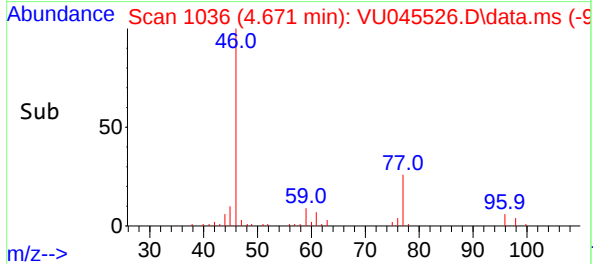
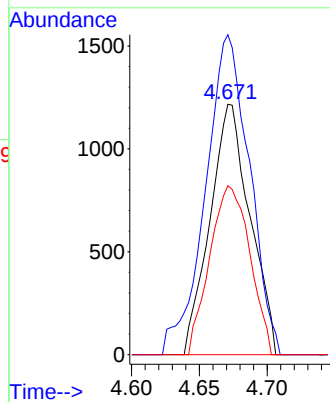
#22
cis-1,2-Dichloroethene
Concen: 0.224 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VU045526.D
Acq: 03 Nov 2021 17:04

Instrument :
MSVOA_U
ClientSampleId :
MDL01



Tgt Ion: 96 Resp: 2503

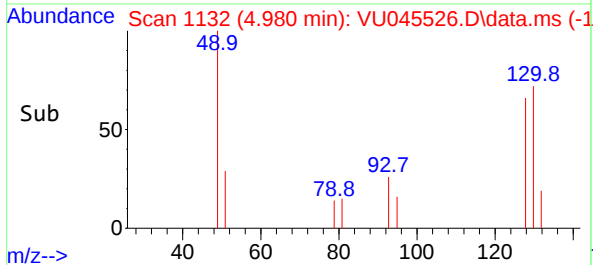
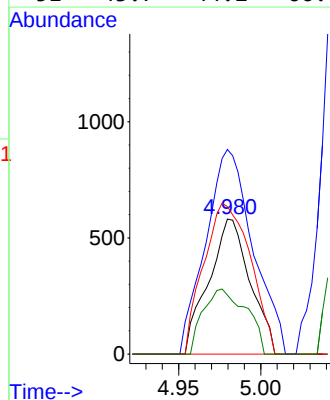
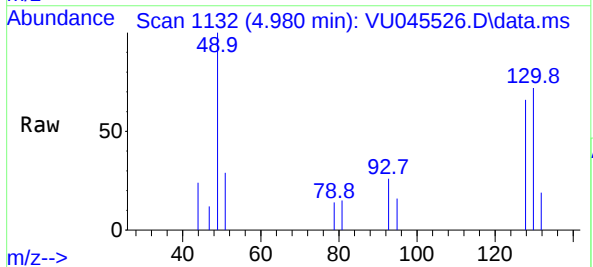
Ion	Ratio	Lower	Upper
96	100		
61	127.8	83.4	155.0
98	67.5	44.0	81.8

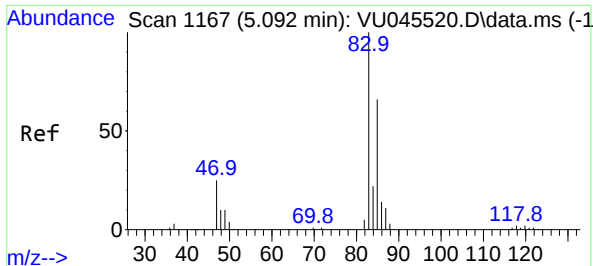


#23
Bromochloromethane
Concen: 0.206 ug/L
RT: 4.980 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VU045526.D
Acq: 03 Nov 2021 17:04

Tgt Ion: 128 Resp: 1020

Ion	Ratio	Lower	Upper
128	100		
49	151.6	117.6	218.4
130	109.3	92.2	171.2
51	43.7	44.2	66.4





#25

Chloroform

Concen: 0.298 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. -0.000 min

Lab File: VU045526.D

Acq: 03 Nov 2021 17:04

Instrument :

MSVOA_U

ClientSampleId :

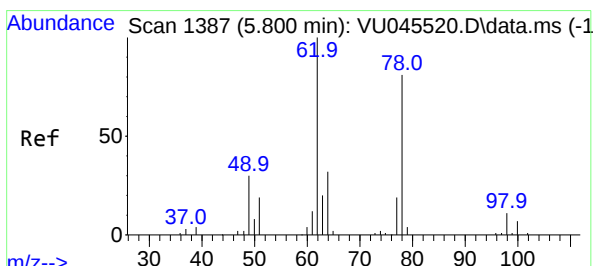
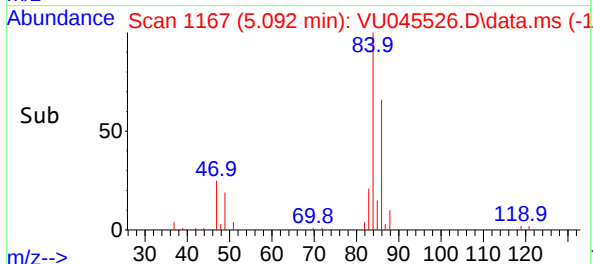
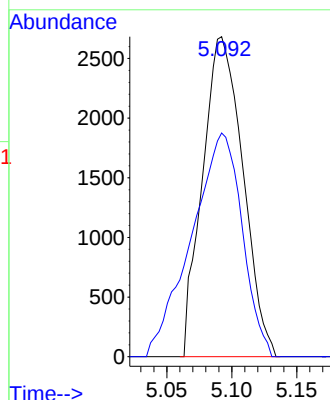
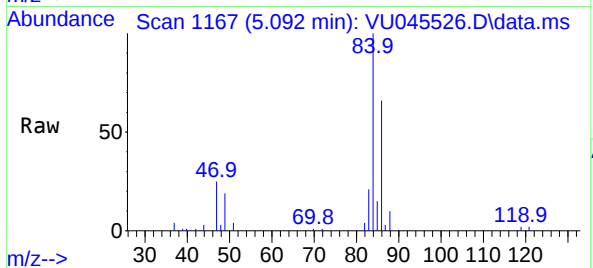
MDL01

Tgt Ion: 83 Resp: 5800

Ion Ratio Lower Upper

83 100

85 69.9 46.4 86.2



#27

1,2-Dichloroethane

Concen: 0.221 ug/L

RT: 5.803 min Scan# 1388

Delta R.T. 0.003 min

Lab File: VU045526.D

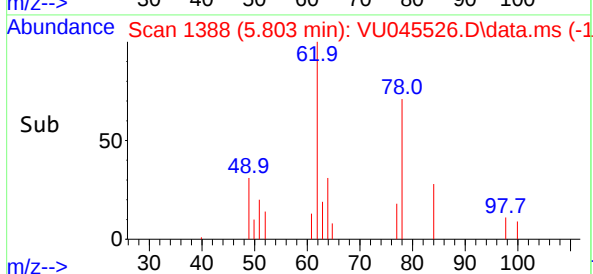
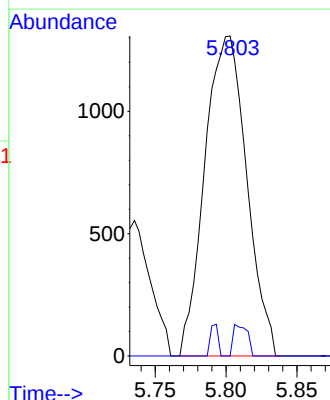
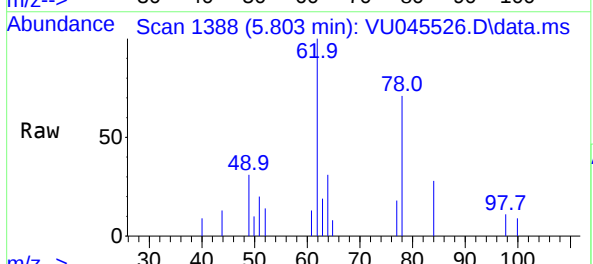
Acq: 03 Nov 2021 17:04

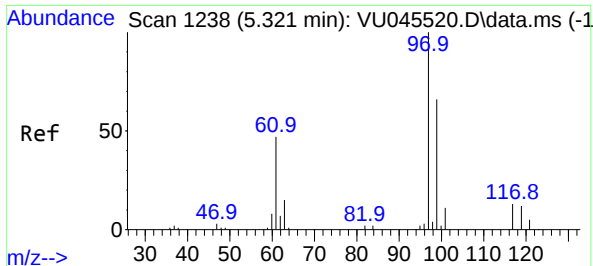
Tgt Ion: 62 Resp: 2689

Ion Ratio Lower Upper

62 100

98 0.0 8.5 12.7#

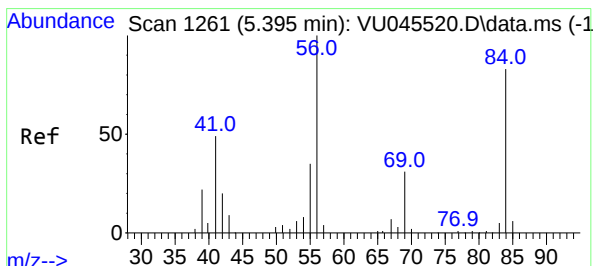
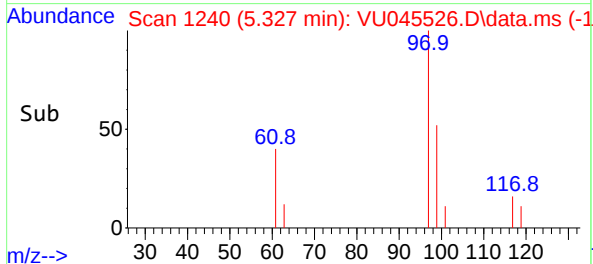
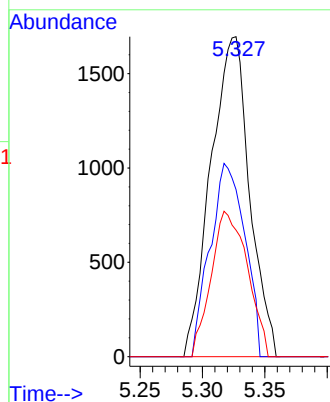
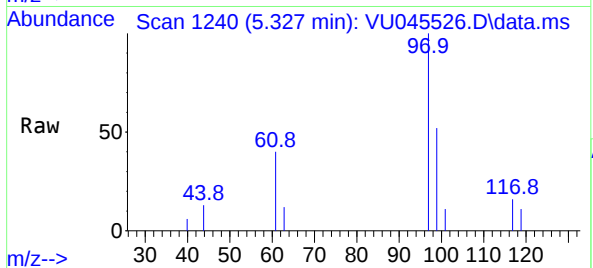




#29
1,1,1-Trichloroethane
Concen: 0.221 ug/L
RT: 5.327 min Scan# 11
Delta R.T. 0.006 min
Lab File: VU045526.D
Acq: 03 Nov 2021 17:04

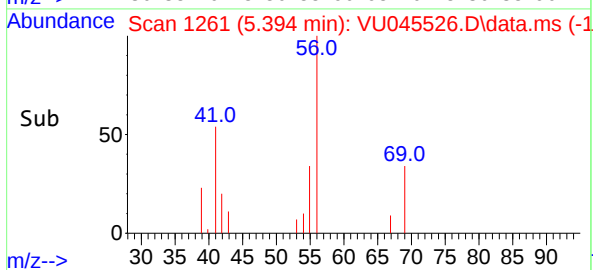
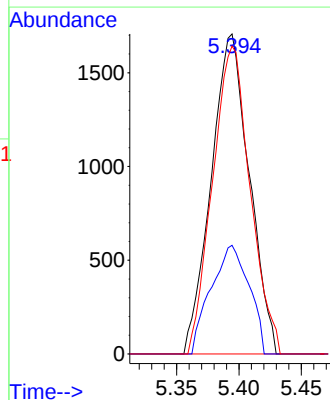
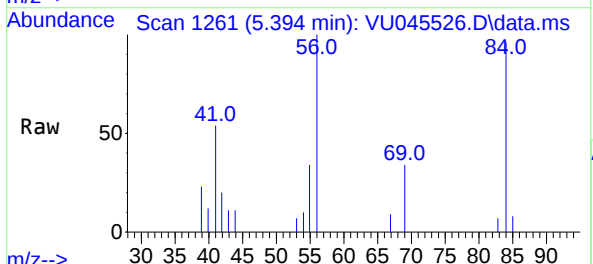
Instrument :
MSVOA_U
ClientSampleId :
MDL01

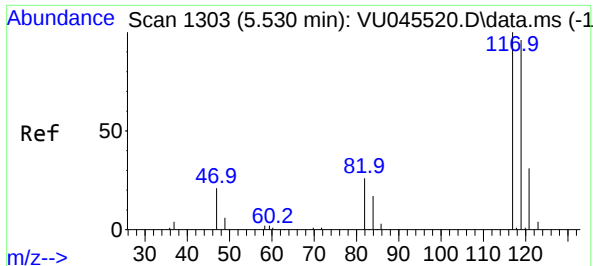
Tgt Ion: 97	Resp:	3663
Ion	Ratio	Lower Upper
97	100	
99	54.3	52.6 79.0
61	42.7	37.1 55.7



#30
Cyclohexane
Concen: 0.179 ug/L
RT: 5.394 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VU045526.D
Acq: 03 Nov 2021 17:04

Tgt Ion: 56	Resp:	3626
Ion	Ratio	Lower Upper
56	100	
69	33.9	24.2 36.2
84	95.0	68.3 102.5

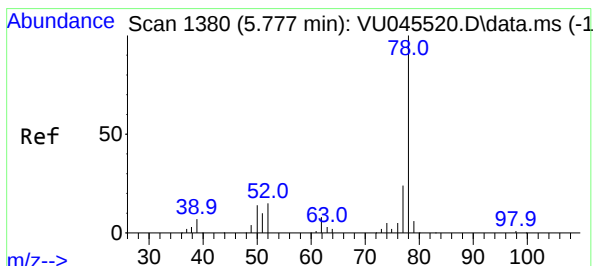
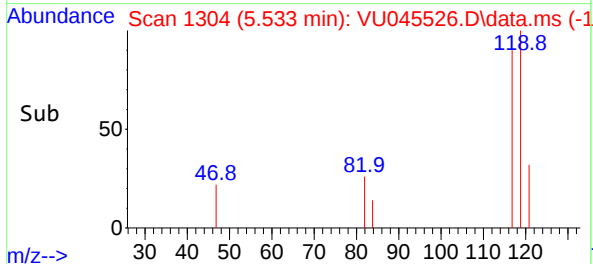
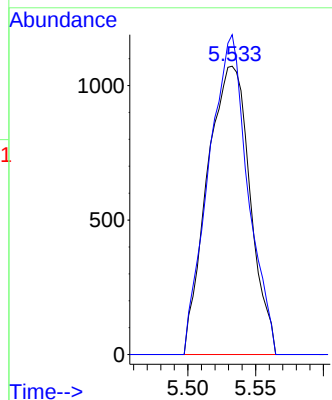
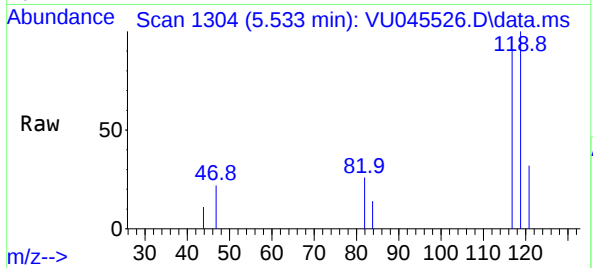




#31
Carbon tetrachloride
Concen: 0.174 ug/L
RT: 5.533 min Scan# 111
Delta R.T. 0.003 min
Lab File: VU045526.D
Acq: 03 Nov 2021 17:04

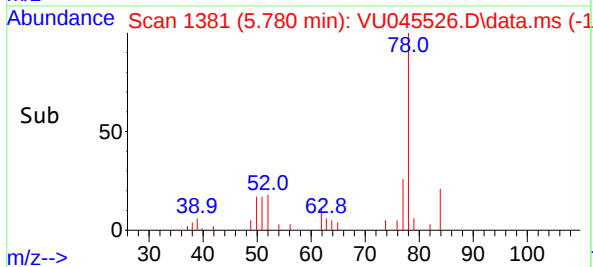
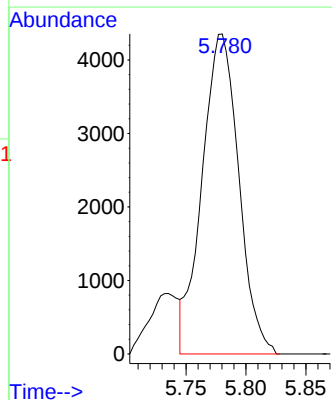
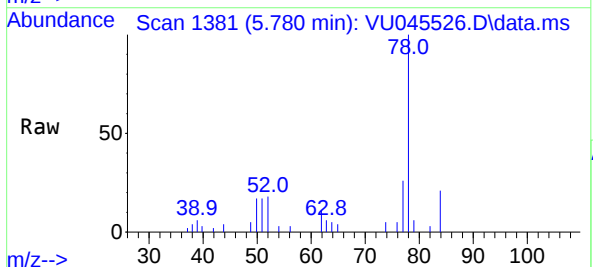
Instrument :
MSVOA_U
ClientSampleId :
MDL01

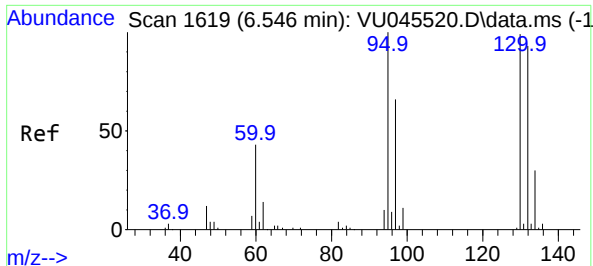
Tgt Ion:117 Resp: 2356
Ion Ratio Lower Upper
117 100
119 101.7 77.4 116.0



#33
Benzene
Concen: 0.191 ug/L
RT: 5.780 min Scan# 1381
Delta R.T. 0.003 min
Lab File: VU045526.D
Acq: 03 Nov 2021 17:04

Tgt Ion: 78 Resp: 9259



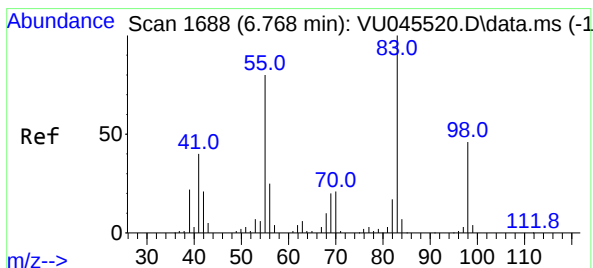
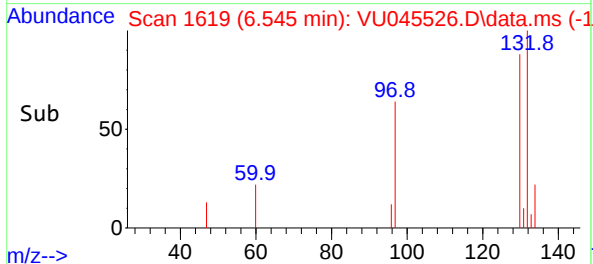
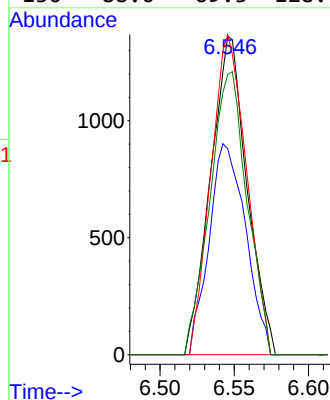
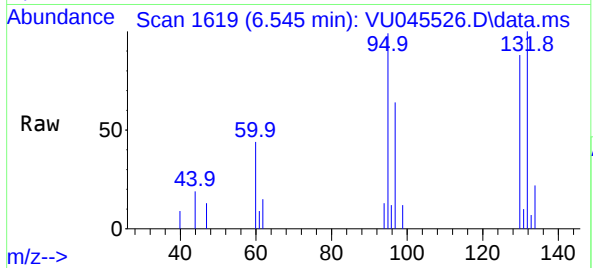


#34
Trichloroethene
Concen: 0.188 ug/L
RT: 6.545 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU045526.D
Acq: 03 Nov 2021 17:04

Instrument :
MSVOA_U
ClientSampleId :
MDL01

Tgt Ion: 95 Resp: 2326

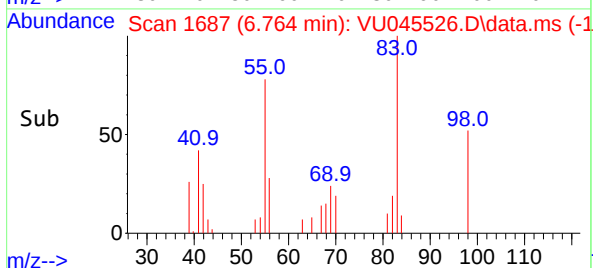
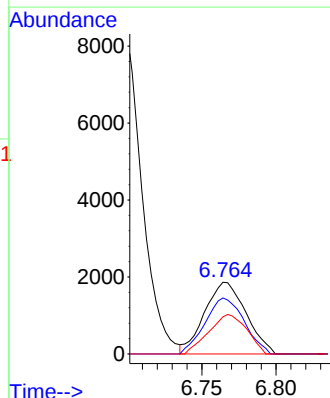
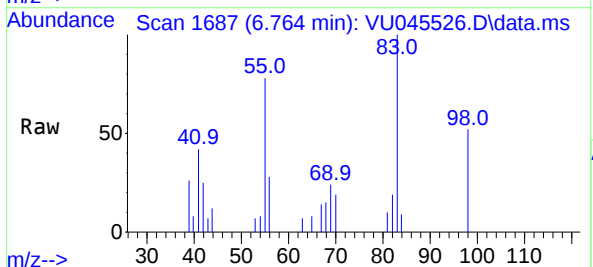
Ion	Ratio	Lower	Upper
95	100		
97	64.7	46.5	86.3
132	100.5	65.4	121.4
130	88.0	69.3	128.7

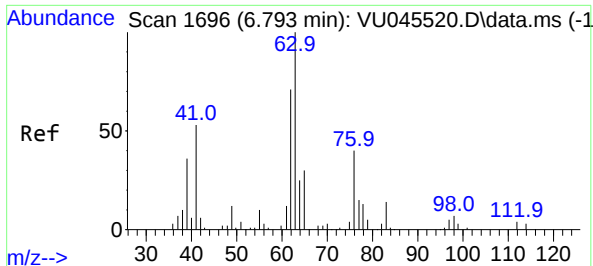


#35
Methylcyclohexane
Concen: 0.168 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. -0.003 min
Lab File: VU045526.D
Acq: 03 Nov 2021 17:04

Tgt Ion: 83 Resp: 3618

Ion	Ratio	Lower	Upper
83	100		
55	73.9	63.9	95.9
98	50.4	37.4	56.2

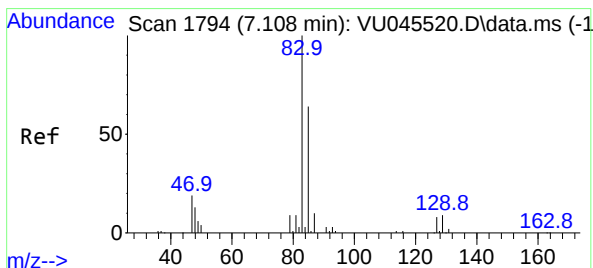
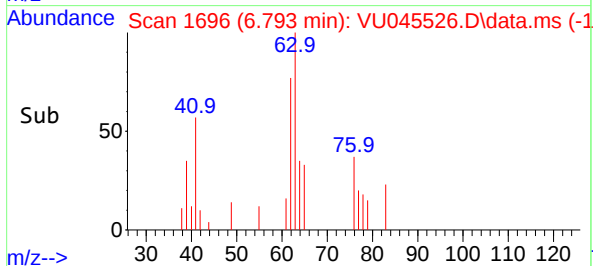
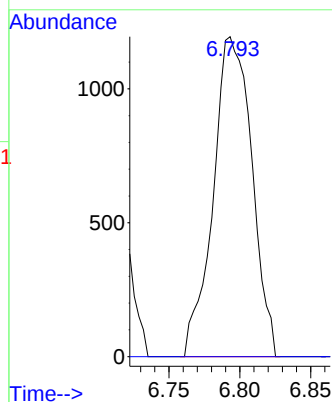
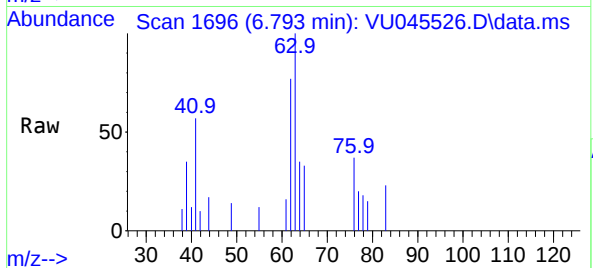




#37
1,2-Dichloropropane
Concen: 0.176 ug/L
RT: 6.793 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU045526.D
Acq: 03 Nov 2021 17:04

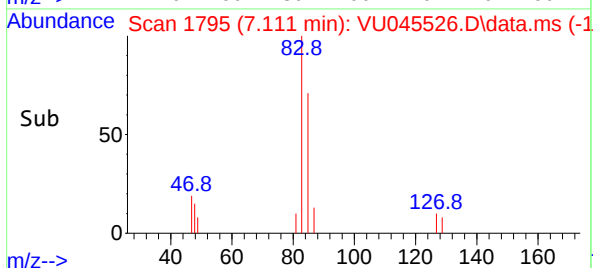
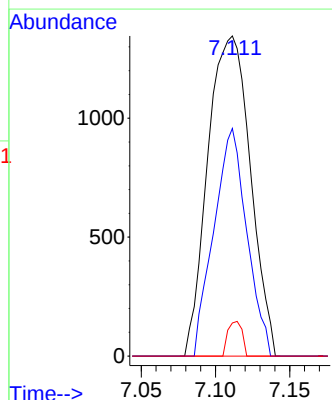
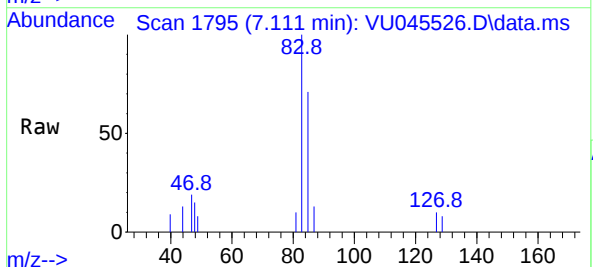
Instrument :
MSVOA_U
ClientSampleId :
MDL01

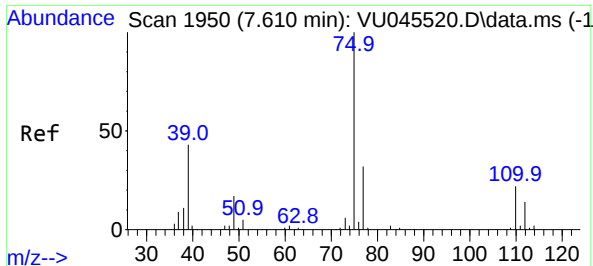
Tgt Ion: 63 Resp: 2272
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



#38
Bromodichloromethane
Concen: 0.186 ug/L
RT: 7.111 min Scan# 1795
Delta R.T. 0.003 min
Lab File: VU045526.D
Acq: 03 Nov 2021 17:04

Tgt Ion: 83 Resp: 2687
Ion Ratio Lower Upper
83 100
85 71.1 44.7 82.9
127 10.3 6.2 9.4#





#39

cis-1,3-Dichloropropene

Concen: 0.176 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VU045526.D

Acq: 03 Nov 2021 17:04

Instrument :

MSVOA_U

ClientSampleId :

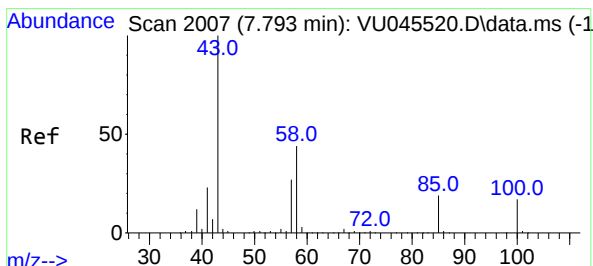
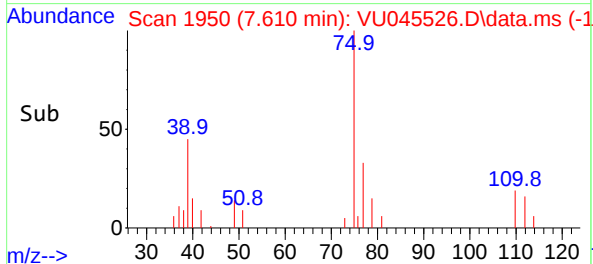
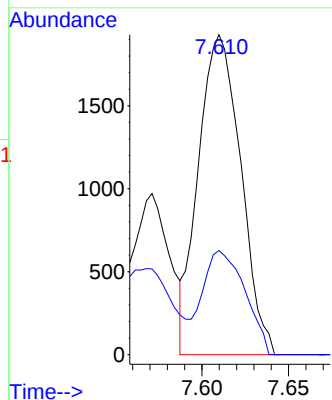
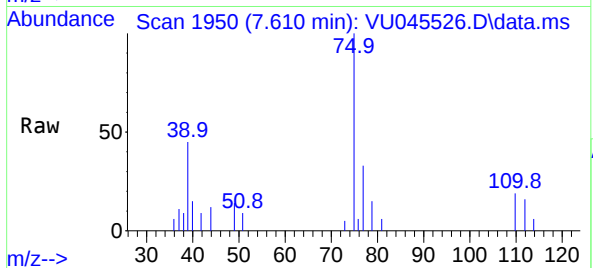
MDL01

Tgt Ion: 75 Resp: 3276

Ion Ratio Lower Upper

75 100

77 32.6 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 1.806 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. -0.000 min

Lab File: VU045526.D

Acq: 03 Nov 2021 17:04

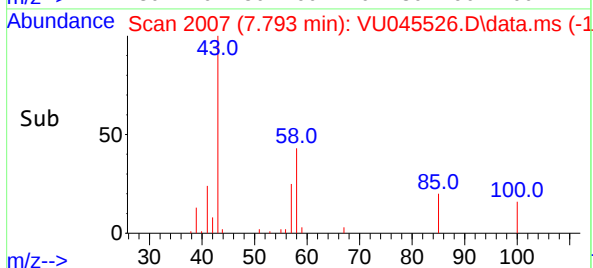
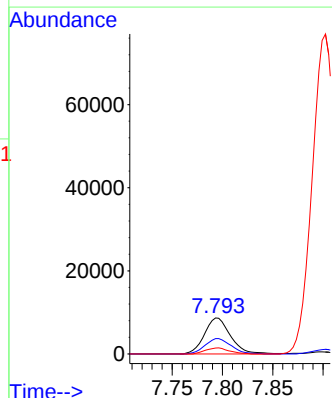
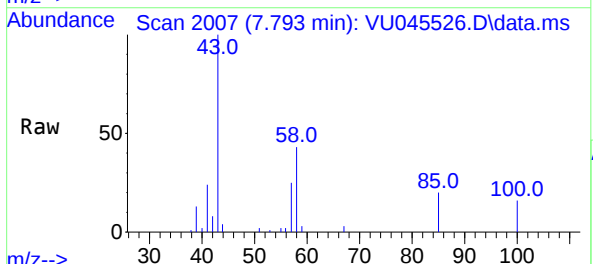
Tgt Ion: 43 Resp: 15608

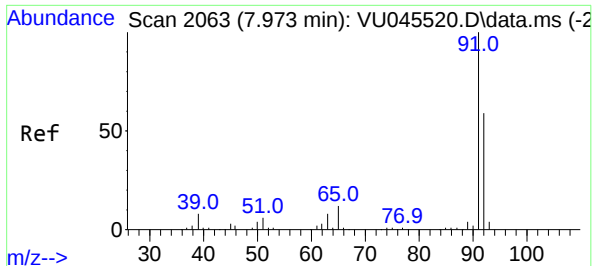
Ion Ratio Lower Upper

43 100

58 42.5 35.0 52.6

100 0.0 13.6 20.4#

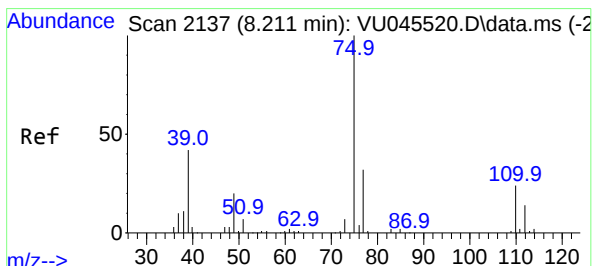
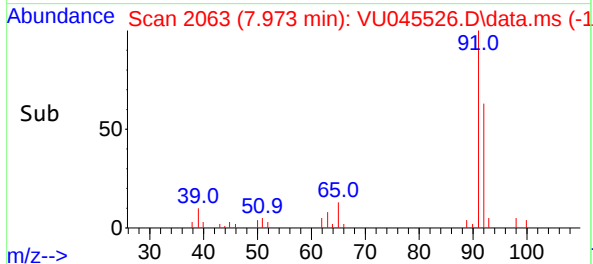
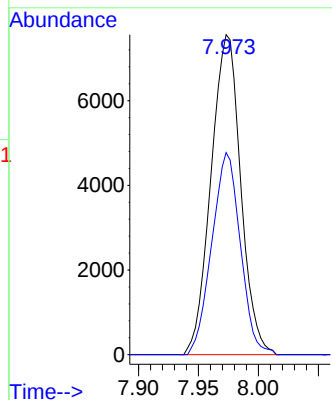
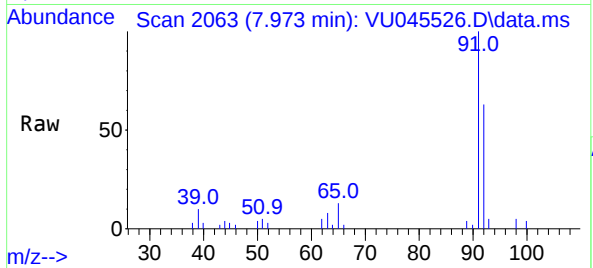




#42
Toluene
Concen: 0.247 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU045526.D
Acq: 03 Nov 2021 17:04

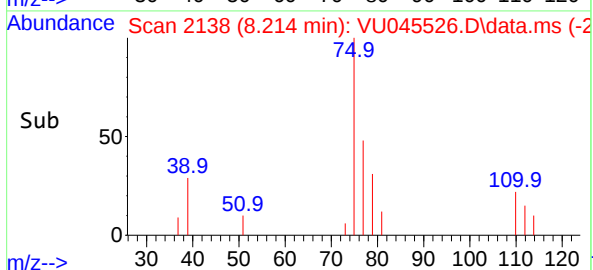
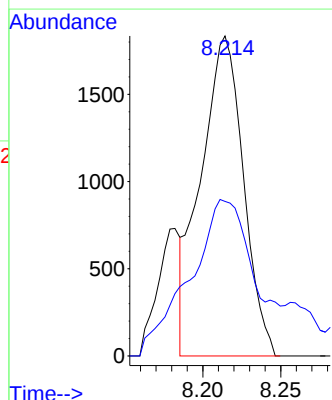
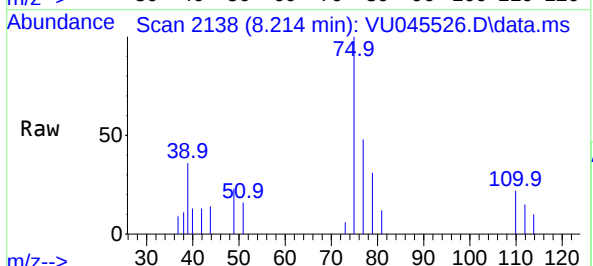
Instrument :
MSVOA_U
ClientSampleId :
MDL01

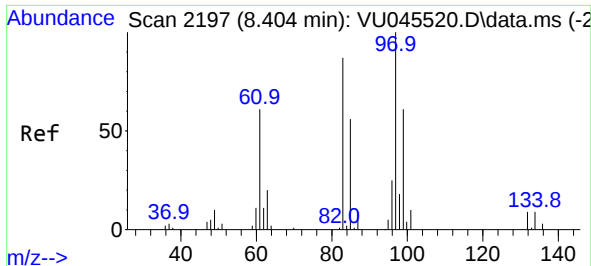
Tgt Ion: 91 Resp: 13027
Ion Ratio Lower Upper
91 100
92 63.1 41.1 76.3



#44
trans-1,3-Dichloropropene
Concen: 0.216 ug/L
RT: 8.214 min Scan# 2138
Delta R.T. 0.003 min
Lab File: VU045526.D
Acq: 03 Nov 2021 17:04

Tgt Ion: 75 Resp: 3494
Ion Ratio Lower Upper
75 100
77 48.3 22.5 41.7#



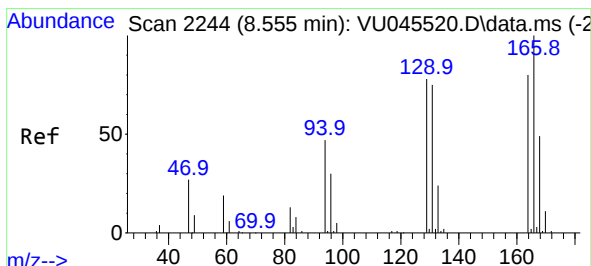
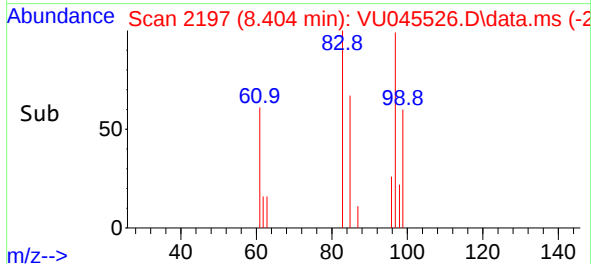
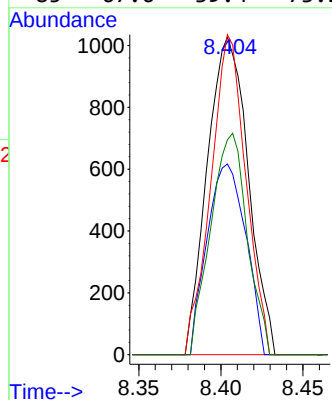
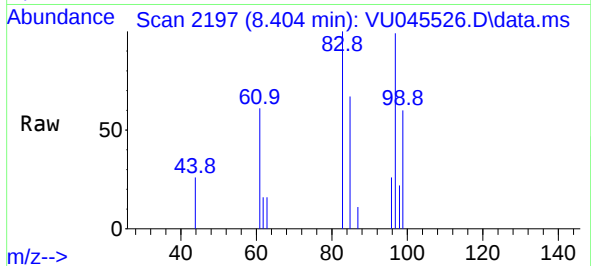


#45
1,1,2-Trichloroethane
Concen: 0.191 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. -0.000 min
Lab File: VU045526.D
Acq: 03 Nov 2021 17:04

Instrument :
MSVOA_U
ClientSampleId :
MDL01

Tgt Ion: 97 Resp: 1779

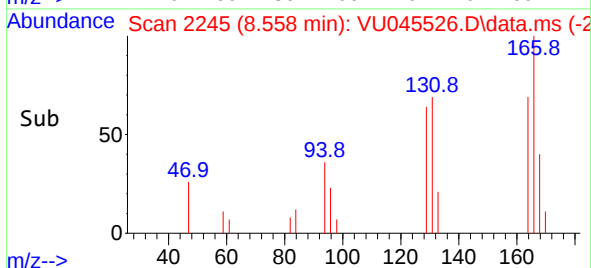
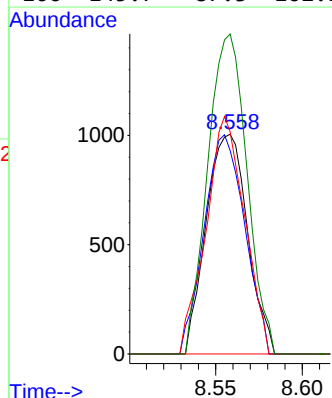
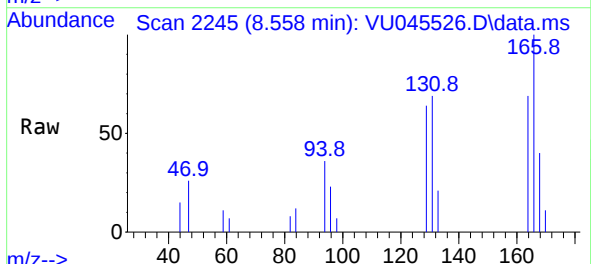
Ion	Ratio	Lower	Upper
97	100		
99	60.0	42.4	78.6
83	100.7	60.6	112.6
85	67.6	39.4	73.2

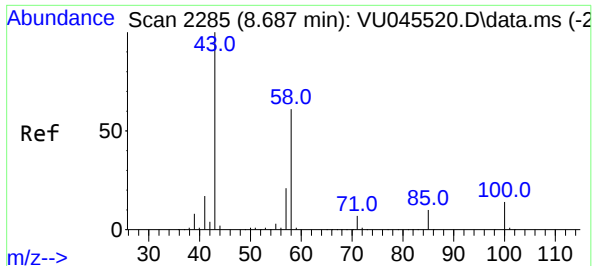


#47
Tetrachloroethene
Concen: 0.187 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. 0.003 min
Lab File: VU045526.D
Acq: 03 Nov 2021 17:04

Tgt Ion: 164 Resp: 1666

Ion	Ratio	Lower	Upper
164	100		
129	92.6	68.1	126.5
131	101.2	65.3	121.3
166	145.7	87.3	162.1

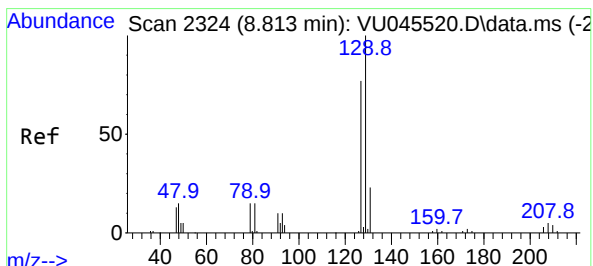
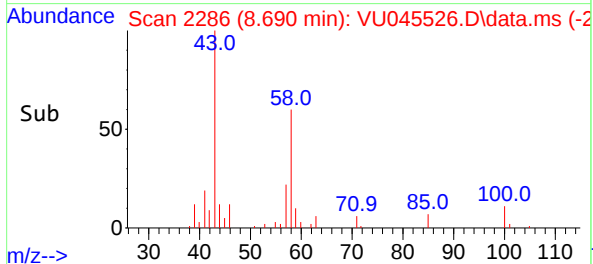
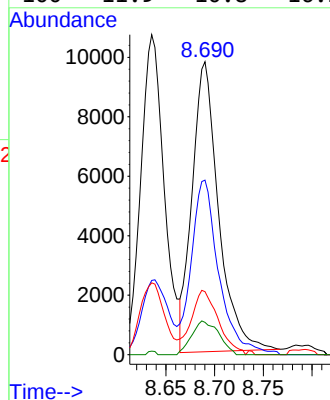
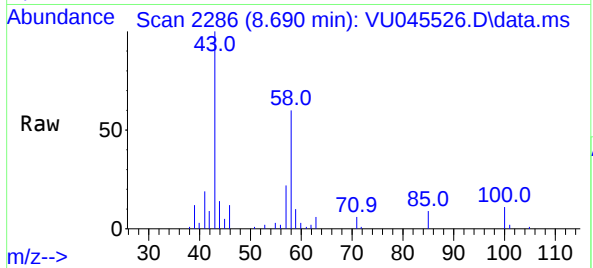




#48
2-Hexanone
Concen: 2.912 ug/L
RT: 8.690 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU045526.D
Acq: 03 Nov 2021 17:04

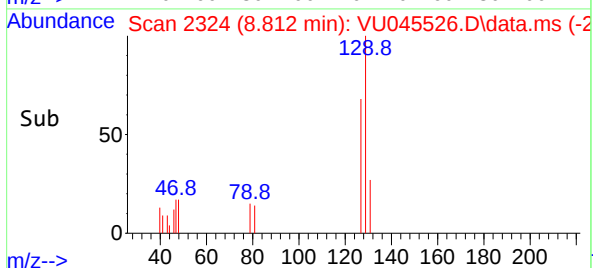
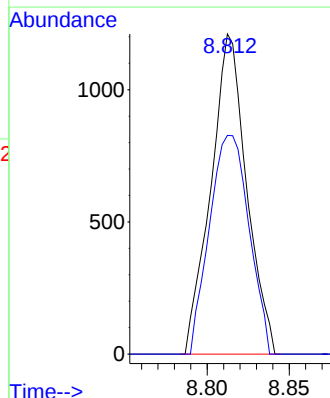
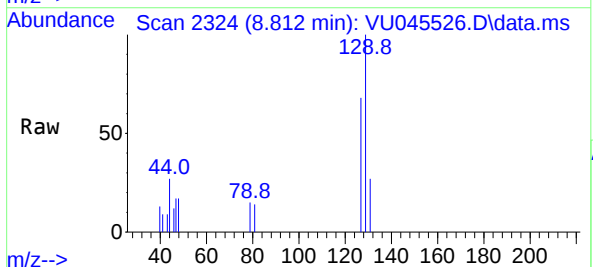
Instrument :
MSVOA_U
ClientSampleId :
MDL01

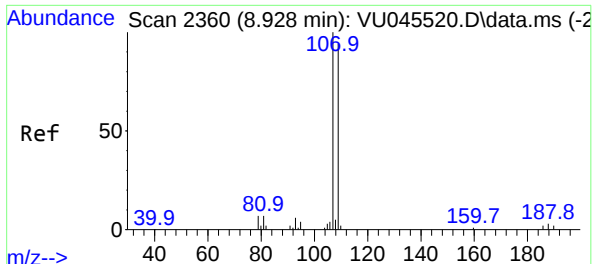
Tgt Ion: 43	Resp: 18419
Ion Ratio	Lower Upper
43 100	
58 63.0	47.7 71.5
57 23.0	16.6 25.0
100 11.9	10.8 16.2



#49
Dibromochloromethane
Concen: 0.200 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VU045526.D
Acq: 03 Nov 2021 17:04

Tgt Ion:129	Resp:	1832	
Ion	Ratio	Lower	Upper
129	100		
127	68.3	53.6	99.6

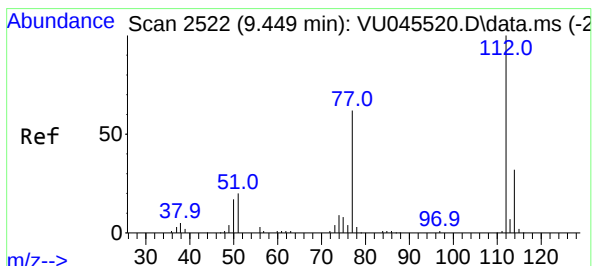
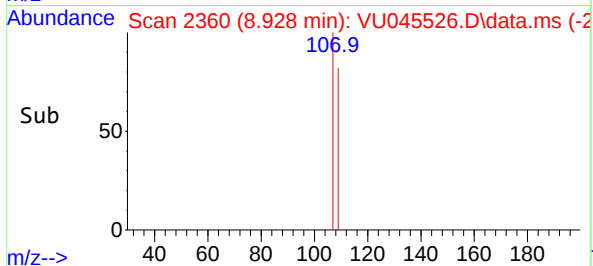
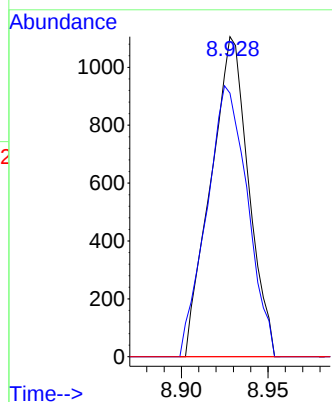
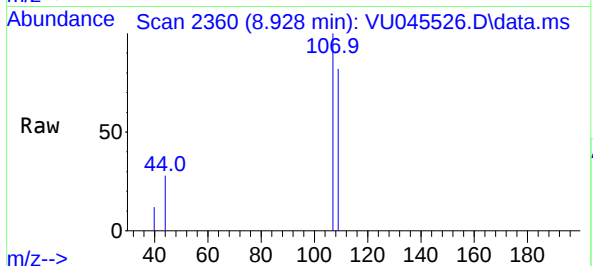




#50
1,2-Dibromoethane
Concen: 0.202 ug/L
RT: 8.928 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU045526.D
Acq: 03 Nov 2021 17:04

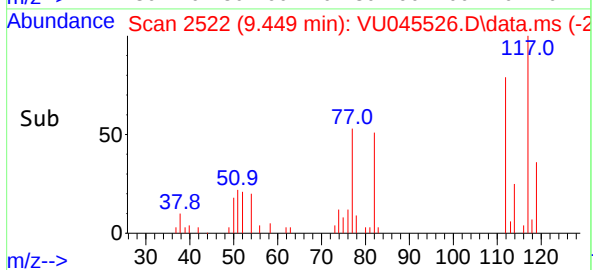
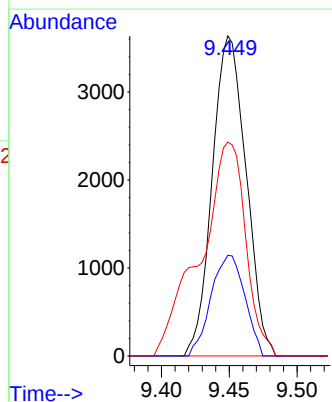
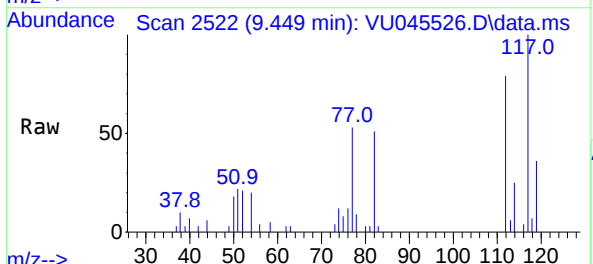
Instrument :
MSVOA_U
ClientSampleId :
MDL01

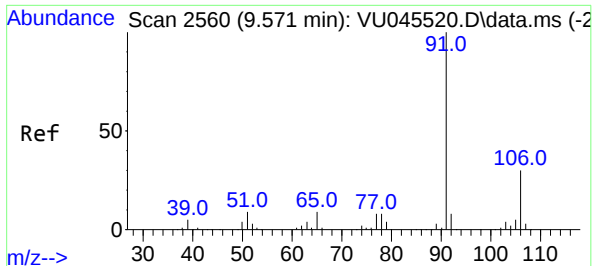
Tgt Ion:107 Resp: 1678
Ion Ratio Lower Upper
107 100
109 82.4 65.5 121.6
188 0.0 2.6 4.0#



#51
Chlorobenzene
Concen: 0.202 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. -0.000 min
Lab File: VU045526.D
Acq: 03 Nov 2021 17:04

Tgt Ion:112 Resp: 6302
Ion Ratio Lower Upper
112 100
114 31.4 22.3 41.5
77 66.8 49.5 74.3

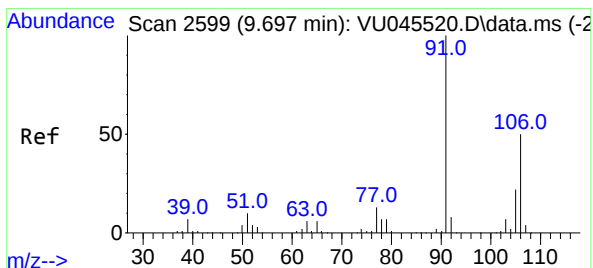
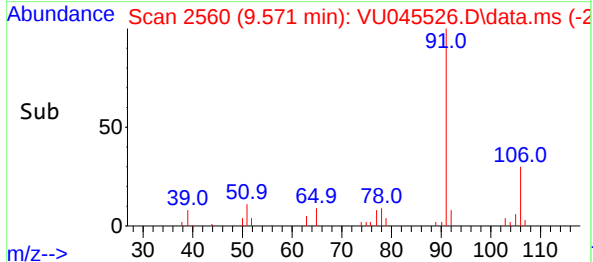
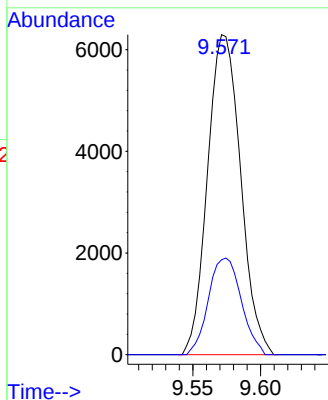
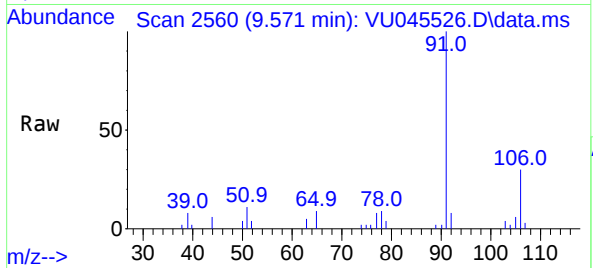




#52
Ethylbenzene
Concen: 0.196 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU045526.D
Acq: 03 Nov 2021 17:04

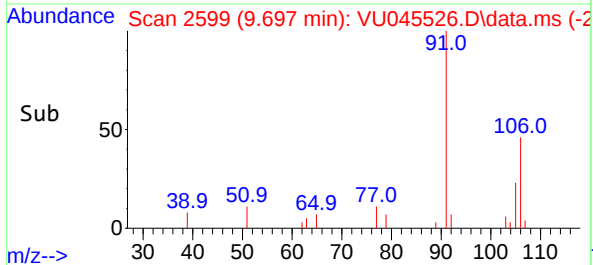
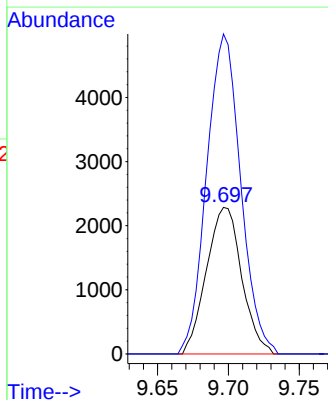
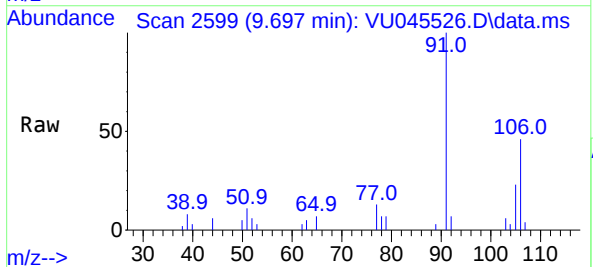
Instrument :
MSVOA_U
ClientSampleId :
MDL01

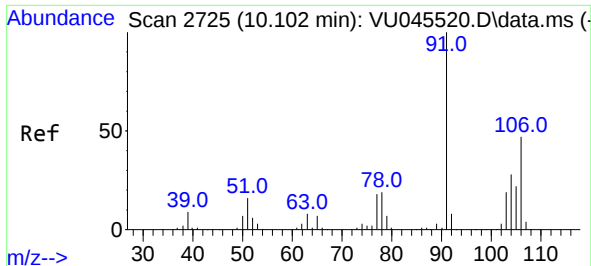
Tgt Ion: 91 Resp: 10676
Ion Ratio Lower Upper
91 100
106 29.7 20.9 38.9



#53
m,p-Xylene
Concen: 0.188 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU045526.D
Acq: 03 Nov 2021 17:04

Tgt Ion: 106 Resp: 3954
Ion Ratio Lower Upper
106 100
91 218.3 141.6 263.0

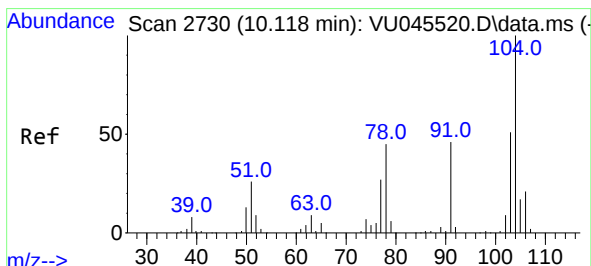
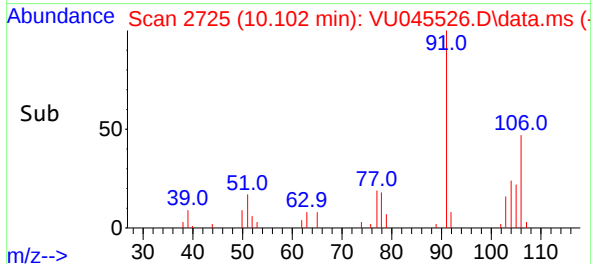
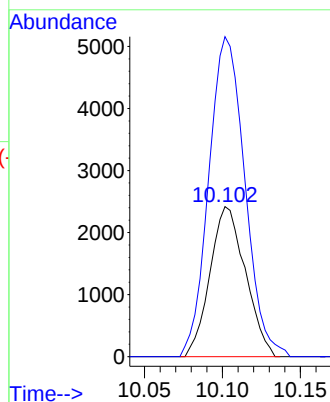
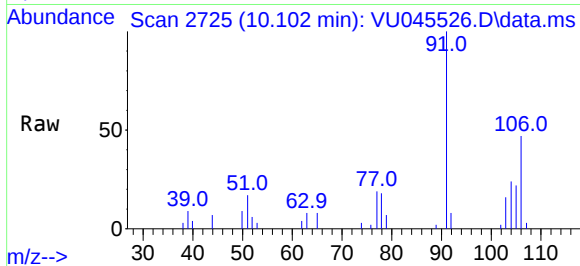




#54
o-Xylene
Concen: 0.186 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU045526.D
Acq: 03 Nov 2021 17:04

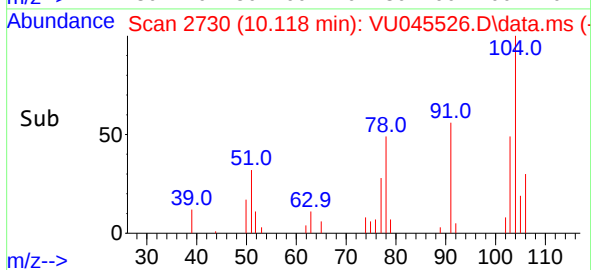
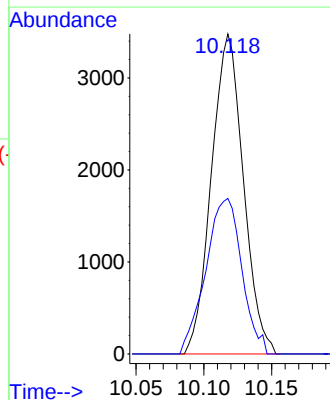
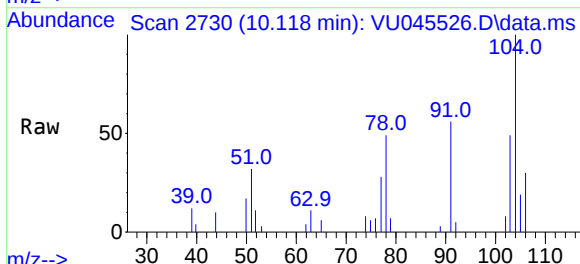
Instrument :
MSVOA_U
ClientSampleId :
MDL01

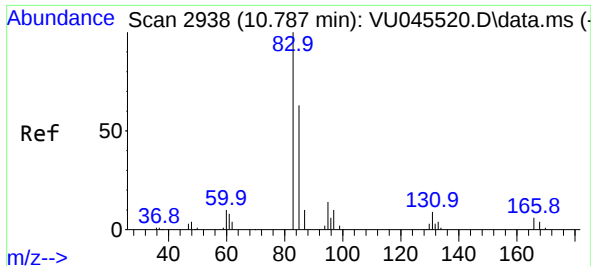
Tgt Ion:106 Resp: 3826
Ion Ratio Lower Upper
106 100
91 213.2 148.8 276.4



#55
Styrene
Concen: 0.167 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. -0.000 min
Lab File: VU045526.D
Acq: 03 Nov 2021 17:04

Tgt Ion:104 Resp: 5698
Ion Ratio Lower Upper
104 100
78 48.6 31.5 58.5





#57

1,1,2,2-Tetrachloroethane

Concen: 0.198 ug/L

RT: 10.786 min Scan# 2938

Delta R.T. -0.000 min

Lab File: VU045526.D

Acq: 03 Nov 2021 17:04

Instrument :

MSVOA_U

ClientSampleId :

MDL01

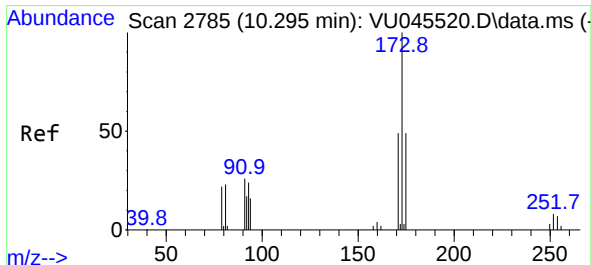
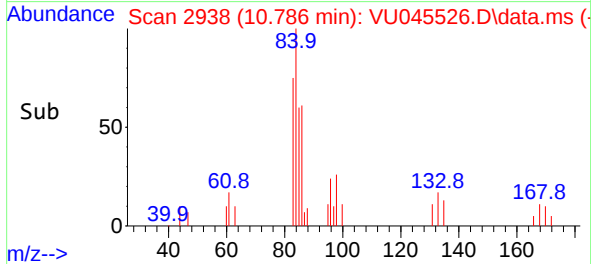
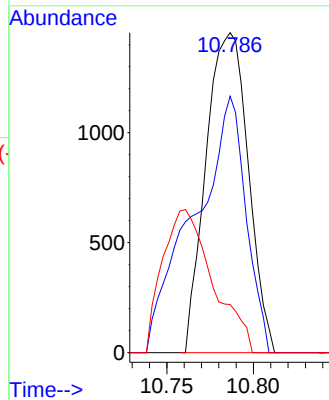
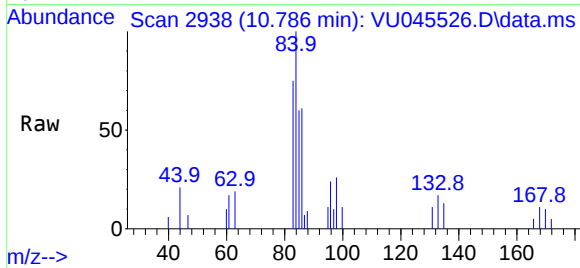
Tgt Ion: 83 Resp: 2466

Ion Ratio Lower Upper

83 100

85 80.1 44.9 83.5

131 15.1 7.5 11.3#



#59

Bromoform

Concen: 0.199 ug/L

RT: 10.295 min Scan# 2785

Delta R.T. -0.000 min

Lab File: VU045526.D

Acq: 03 Nov 2021 17:04

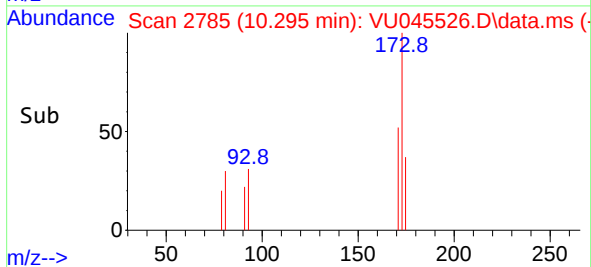
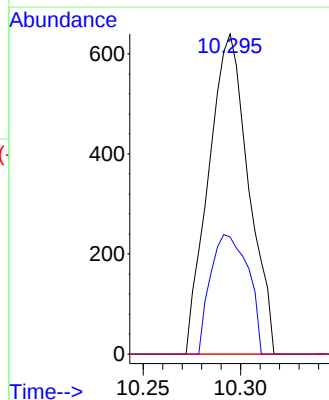
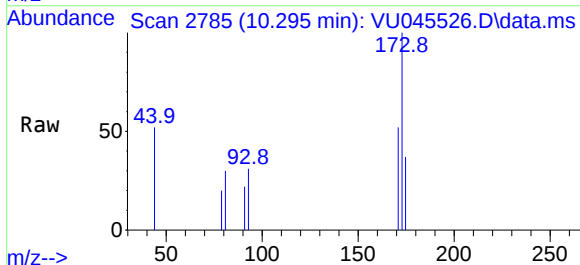
Tgt Ion:173 Resp: 911

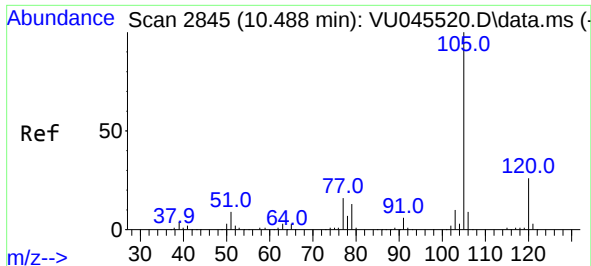
Ion Ratio Lower Upper

173 100

175 35.1 38.3 57.5#

254 0.0 5.6 8.4#

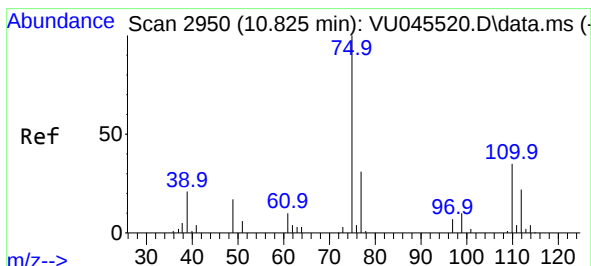
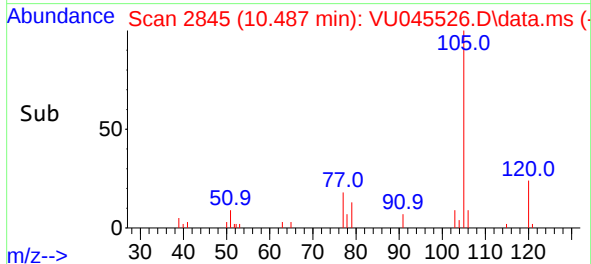
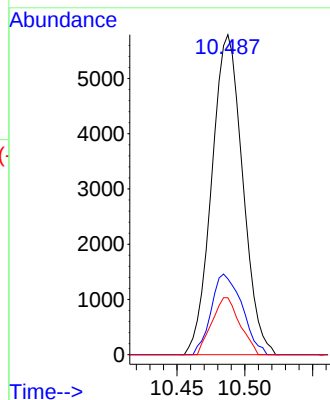
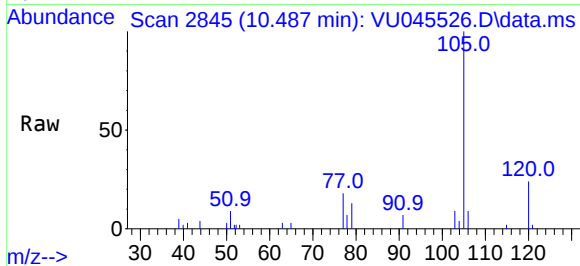




#60
Isopropylbenzene
Concen: 0.193 ug/L
RT: 10.487 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU045526.D
Acq: 03 Nov 2021 17:04

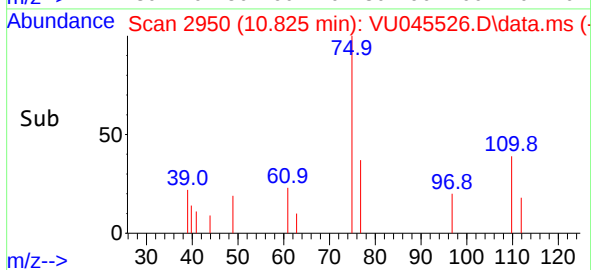
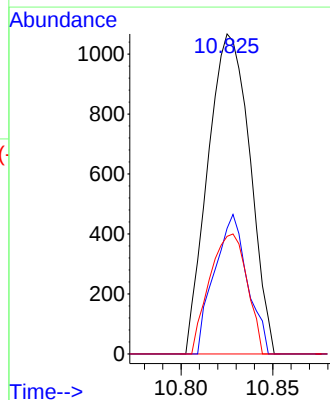
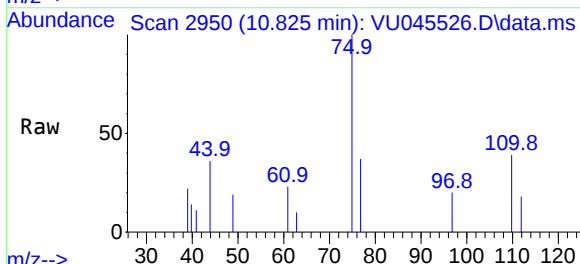
Instrument :
MSVOA_U
ClientSampleId :
MDL01

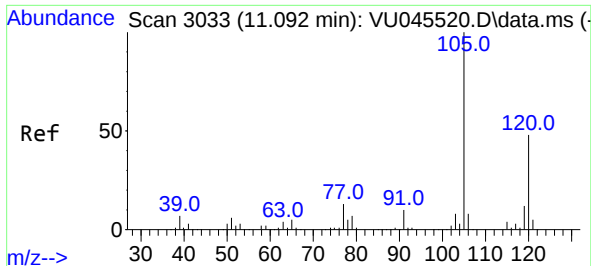
Tgt Ion:	105	Resp:	9195
Ion	Ratio	Lower	Upper
105	100		
120	25.1	20.6	30.8
77	16.0	12.6	19.0



#61
1,2,3-Trichloropropane
Concen: 0.207 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU045526.D
Acq: 03 Nov 2021 17:04

Tgt Ion:	75	Resp:	1699
Ion	Ratio	Lower	Upper
75	100		
110	34.2	28.4	42.6
77	33.4	25.1	37.7

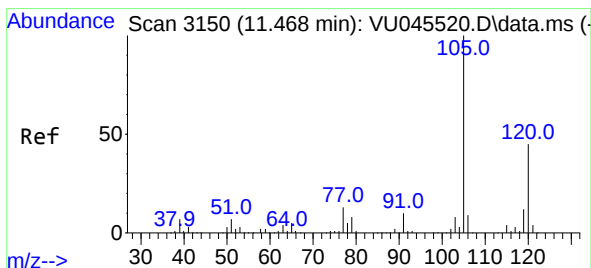
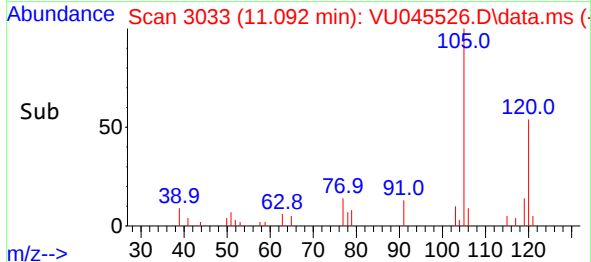
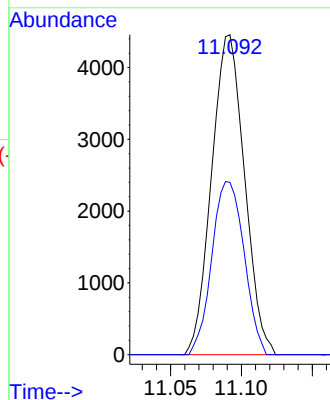
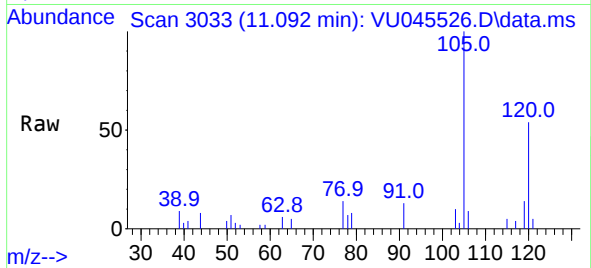




#62
1,3,5-Trimethylbenzene
Concen: 0.177 ug/L
RT: 11.092 min Scan# 3033
Delta R.T. -0.000 min
Lab File: VU045526.D
Acq: 03 Nov 2021 17:04

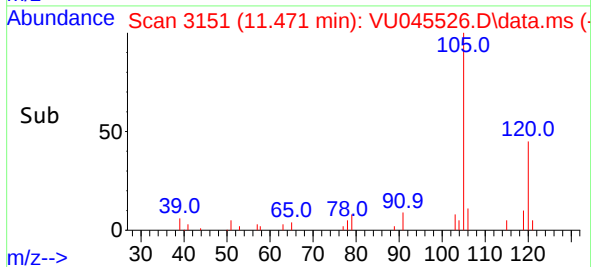
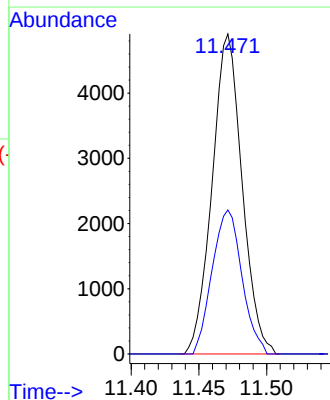
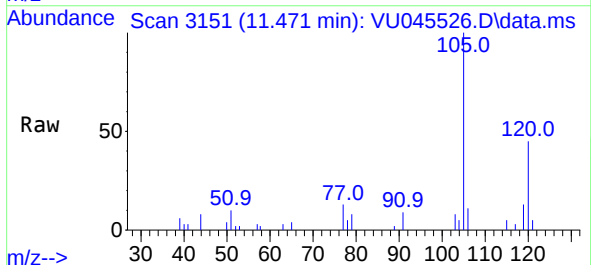
Instrument :
MSVOA_U
ClientSampleId :
MDL01

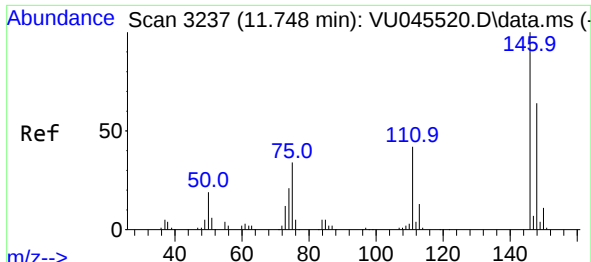
Tgt Ion:105 Resp: 7214
Ion Ratio Lower Upper
105 100
120 52.9 38.3 57.5



#63
1,2,4-Trimethylbenzene
Concen: 0.185 ug/L
RT: 11.471 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VU045526.D
Acq: 03 Nov 2021 17:04

Tgt Ion:105 Resp: 7537
Ion Ratio Lower Upper
105 100
120 44.7 36.2 54.2

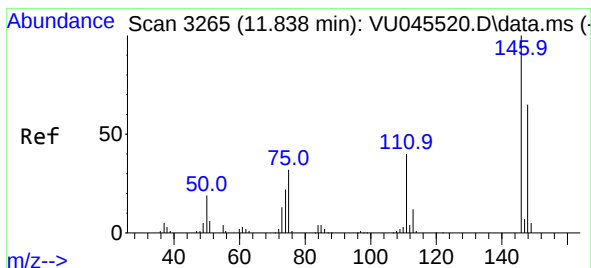
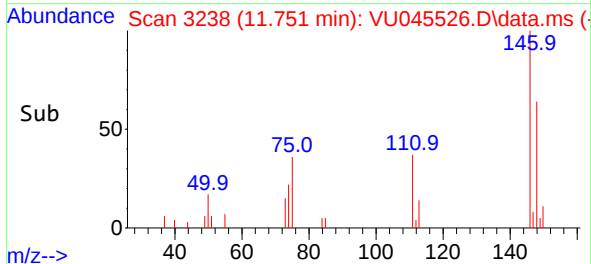
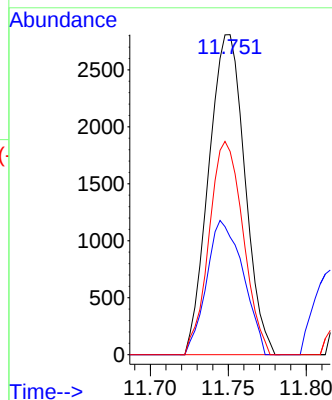
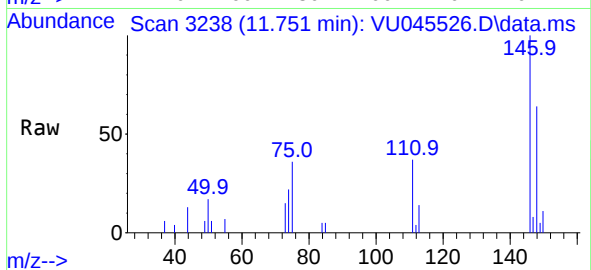




#64
1,3-Dichlorobenzene
Concen: 0.206 ug/L
RT: 11.751 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU045526.D
Acq: 03 Nov 2021 17:04

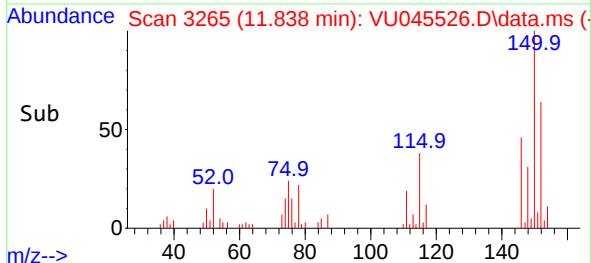
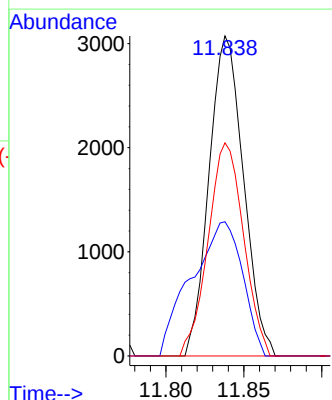
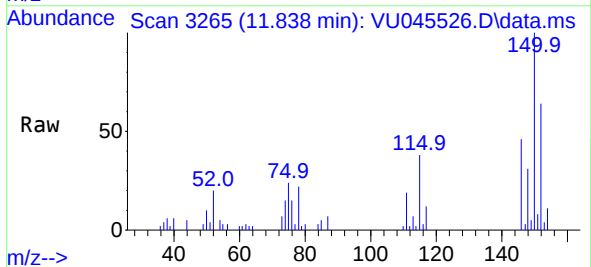
Instrument :
MSVOA_U
ClientSampleId :
MDL01

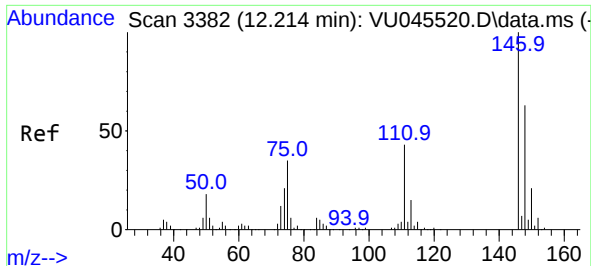
Tgt Ion:146 Resp: 4522
Ion Ratio Lower Upper
146 100
111 36.8 29.4 54.6
148 63.5 44.8 83.2



#65
1,4-Dichlorobenzene
Concen: 0.214 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU045526.D
Acq: 03 Nov 2021 17:04

Tgt Ion:146 Resp: 4714
Ion Ratio Lower Upper
146 100
111 42.0 28.3 52.5
148 66.6 45.2 84.0





#67

1,2-Dichlorobenzene

Concen: 0.221 ug/L

RT: 12.214 min Scan# 3382

Delta R.T. -0.000 min

Lab File: VU045526.D

Acq: 03 Nov 2021 17:04

Instrument :

MSVOA_U

ClientSampleId :

MDL01

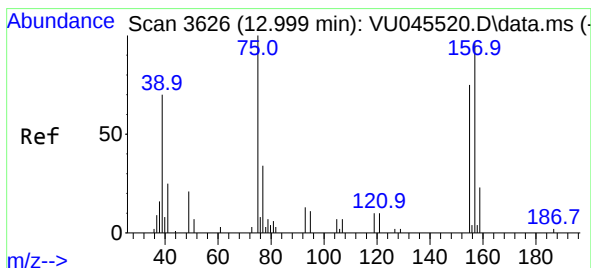
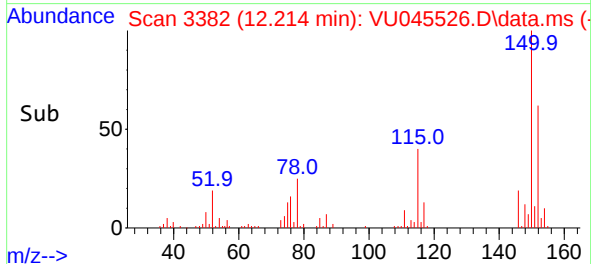
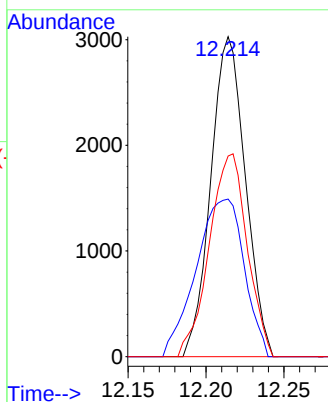
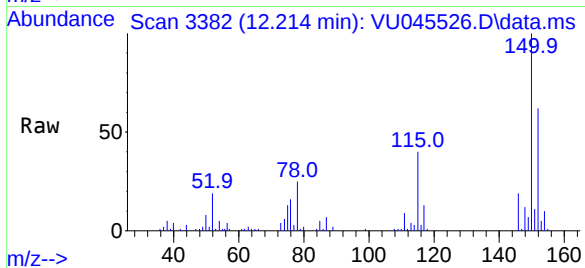
Tgt Ion:146 Resp: 4675

Ion Ratio Lower Upper

146 100

111 49.2 34.2 51.2

148 62.7 50.4 75.6



#68

1,2-Dibromo-3-chloropropane

Concen: 0.194 ug/L

RT: 12.999 min Scan# 3626

Delta R.T. -0.000 min

Lab File: VU045526.D

Acq: 03 Nov 2021 17:04

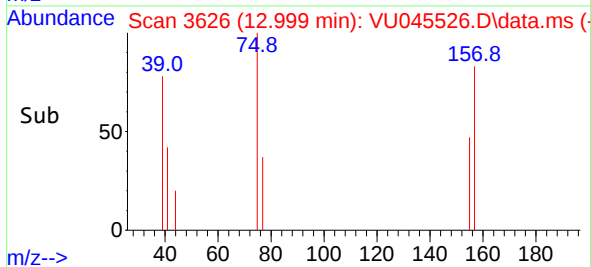
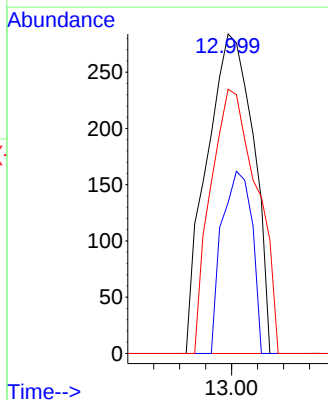
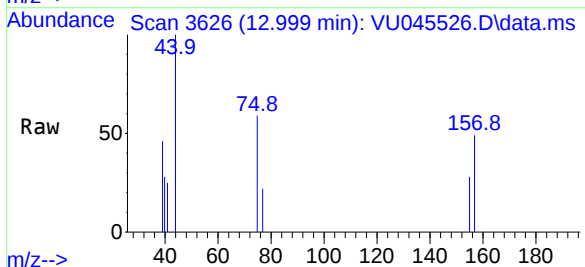
Tgt Ion: 75 Resp: 355

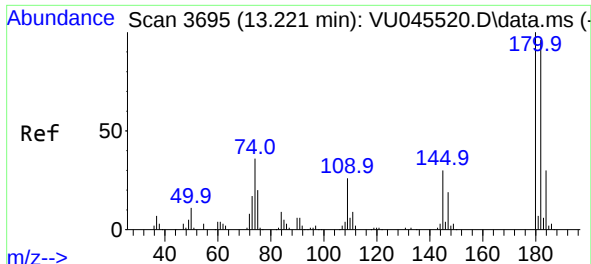
Ion Ratio Lower Upper

75 100

155 47.2 60.1 90.1#

157 82.7 76.5 114.7





#69

1,3,5-Trichlorobenzene

Concen: 0.212 ug/L

RT: 13.220 min Scan# 3695

Delta R.T. -0.000 min

Lab File: VU045526.D

Acq: 03 Nov 2021 17:04

Instrument :

MSVOA_U

ClientSampleId :

MDL01

Tgt Ion:180 Resp: 3430

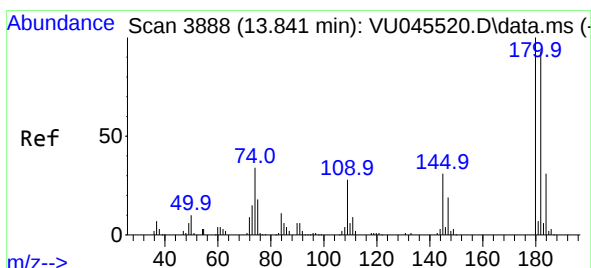
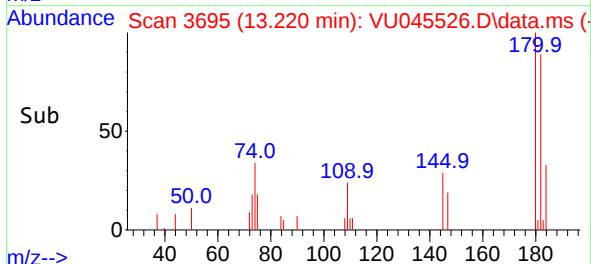
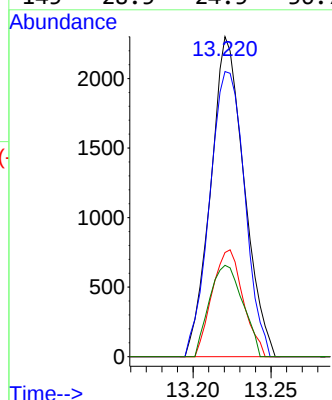
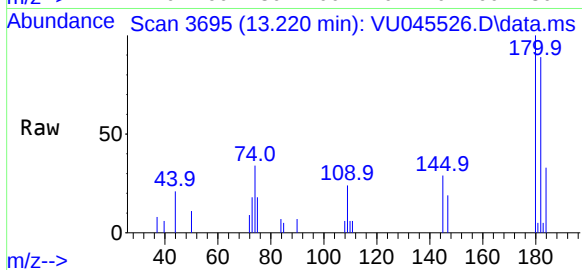
Ion Ratio Lower Upper

180 100

182 93.2 76.2 114.2

184 31.0 23.9 35.9

145 28.5 24.5 36.7



#70

1,2,4-trichlorobenzene

Concen: 0.201 ug/L

RT: 13.844 min Scan# 3889

Delta R.T. 0.003 min

Lab File: VU045526.D

Acq: 03 Nov 2021 17:04

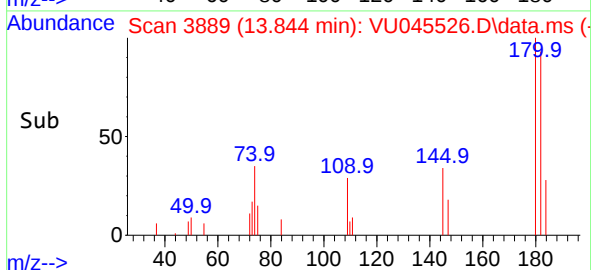
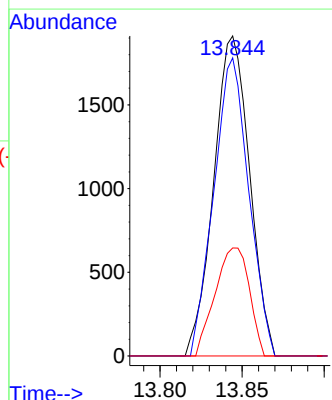
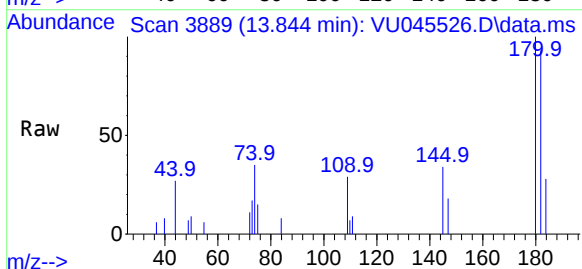
Tgt Ion:180 Resp: 2903

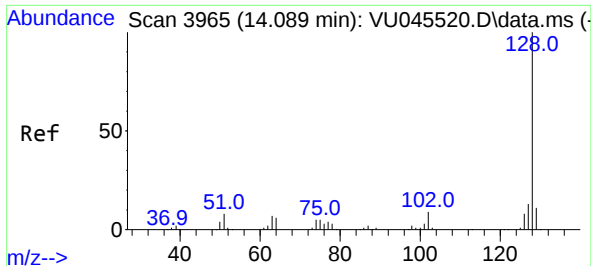
Ion Ratio Lower Upper

180 100

182 90.9 75.5 113.3

145 32.2 25.3 37.9

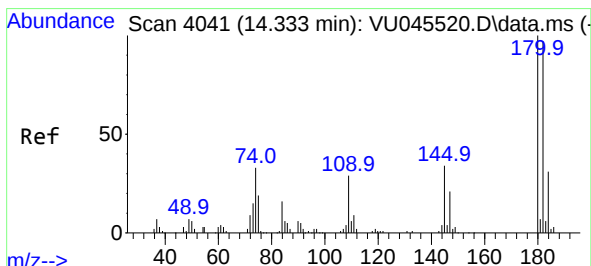
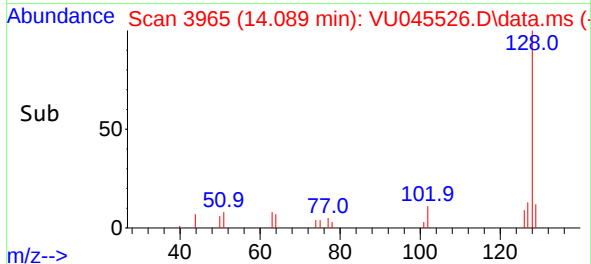
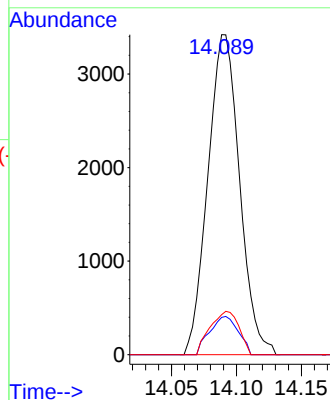
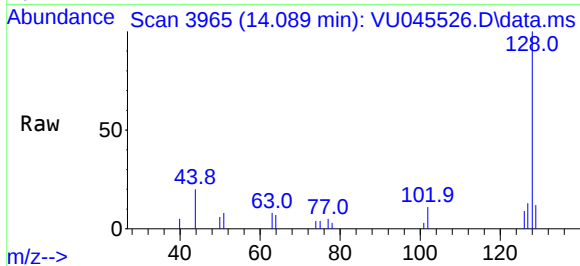




#71
Naphthalene
Concen: 0.187 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU045526.D
Acq: 03 Nov 2021 17:04

Instrument :
MSVOA_U
ClientSampleId :
MDL01

Tgt Ion:	128	Resp:	5809
Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.6	13.0
127	12.3	10.3	15.5



#72
1,2,3-Trichlorobenzene
Concen: 0.192 ug/L
RT: 14.333 min Scan# 4041
Delta R.T. -0.000 min
Lab File: VU045526.D
Acq: 03 Nov 2021 17:04

Tgt Ion:	180	Resp:	2610
Ion	Ratio	Lower	Upper
180	100		
182	103.8	77.0	115.4
145	35.9	27.4	41.2

