

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111521\
 Data File : VU045794.D
 Acq On : 15 Nov 2021 16:10
 Operator : SY/MD
 Sample : MDL03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL03

Quant Time: Nov 16 03:11:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 16 03:04:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	105066	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	105140	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	47014	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	35668	4.285	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.600%
7) Chloroethane-d5	1.919	69	28036	4.627	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.600%
11) 1,1-Dichloroethene-d2	2.572	65	15126	4.332	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.600%
20) 2-Butanone-d5	4.671	46	107993	48.410	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.820%
24) Chloroform-d	5.070	84	62586	4.513	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
26) 1,2-Dichloroethane-d4	5.707	65	38140	4.687	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.800%
32) Benzene-d6	5.732	84	129196	4.462	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
36) 1,2-Dichloropropane-d6	6.694	67	41375	4.534	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.600%
41) Toluene-d8	7.903	98	112086	4.279	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.600%
43) trans-1,3-Dichloroprop...	8.182	79	16431	4.435	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.800%
46) 2-Hexanone-d5	8.639	63	84557	50.714	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.420%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	38405	4.982	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.600%
66) 1,2-Dichlorobenzene-d4	12.195	152	41157	5.098	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	1623	0.190	ug/L	91
3) Chloromethane	1.520	50	3338	0.368	ug/L	96
5) Vinyl chloride	1.607	62	1997	0.219	ug/L #	70
6) Bromomethane	1.861	94	1192	0.221	ug/L	97
8) Chloroethane	1.938	64	1429	0.275	ug/L #	81
9) Trichlorofluoromethane	2.144	101	2448	0.208	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	1855	0.269	ug/L #	80
12) 1,1-Dichloroethene	2.584	96	1644	0.253	ug/L #	1
14) Carbon disulfide	2.800	76	4302	0.209	ug/L	98
15) Methyl Acetate	2.980	43	1063	0.330	ug/L #	51
16) Methylene chloride	3.051	84	2565	0.267	ug/L	94
17) Methyl tert-butyl Ether	3.369	73	3251	0.192	ug/L	95
18) trans-1,2-Dichloroethene	3.359	96	1366	0.196	ug/L	91
19) 1,1-Dichloroethane	3.877	63	2412	0.185	ug/L	93
22) cis-1,2-Dichloroethene	4.678	96	1453	0.192	ug/L	93
23) Bromochloromethane	4.983	128	583	0.177	ug/L	96
25) Chloroform	5.092	83	6696	0.473	ug/L	93
27) 1,2-Dichloroethane	5.803	62	1983	0.219	ug/L #	73
29) 1,1,1-Trichloroethane	5.324	97	2264	0.198	ug/L	94

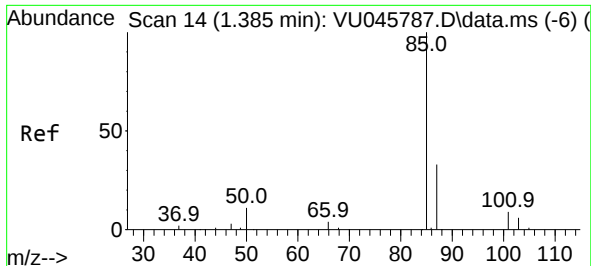
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 16 03:04:04 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) Cyclohexane	5.395	56	2062	0.182	ug/L	93
31) Carbon tetrachloride	5.523	117	1869	0.195	ug/L	99
33) Benzene	5.780	78	6393	0.218	ug/L	100
34) Trichloroethene	6.549	95	1716	0.227	ug/L	93
35) Methylcyclohexane	6.764	83	2240	0.193	ug/L	95
37) 1,2-Dichloropropane	6.797	63	1538	0.199	ug/L #	88
38) Bromodichloromethane	7.112	83	1927	0.202	ug/L #	95
39) cis-1,3-Dichloropropene	7.610	75	2218	0.202	ug/L	98
40) 4-Methyl-2-pentanone	7.796	43	9726	1.920	ug/L #	86
42) Toluene	7.973	91	7729	0.255	ug/L	93
44) trans-1,3-Dichloropropene	8.214	75	1992	0.209	ug/L	95
45) 1,1,2-Trichloroethane	8.404	97	1198	0.209	ug/L	96
47) Tetrachloroethene	8.555	164	1081	0.204	ug/L	81
48) 2-Hexanone	8.690	43	18445	5.041	ug/L #	97
49) Dibromochloromethane	8.813	129	1255	0.192	ug/L	90
50) 1,2-Dibromoethane	8.928	107	1089	0.202	ug/L #	98
51) Chlorobenzene	9.452	112	3994	0.210	ug/L	93
52) Ethylbenzene	9.575	91	6244	0.197	ug/L	92
53) m,p-Xylene	9.697	106	2412	0.199	ug/L	93
54) o-Xylene	10.102	106	1968	0.168	ug/L	84
55) Styrene	10.121	104	3129	0.159	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.787	83	1632	0.222	ug/L #	96
59) Bromoform	10.295	173	727	0.233	ug/L #	93
60) Isopropylbenzene	10.488	105	5144	0.186	ug/L	97
61) 1,2,3-Trichloropropane	10.828	75	1188	0.243	ug/L	94
62) 1,3,5-Trimethylbenzene	11.092	105	4055	0.180	ug/L	93
63) 1,2,4-Trimethylbenzene	11.468	105	3923	0.173	ug/L	95
64) 1,3-Dichlorobenzene	11.748	146	2950	0.229	ug/L	89
65) 1,4-Dichlorobenzene	11.838	146	4018	0.307	ug/L	95
67) 1,2-Dichlorobenzene	12.214	146	2975	0.241	ug/L	94
69) 1,3,5-Trichlorobenzene	13.224	180	1959	0.203	ug/L	97
70) 1,2,4-trichlorobenzene	13.841	180	1641	0.201	ug/L	92
71) Naphthalene	14.089	128	3223	0.192	ug/L #	93
72) 1,2,3-Trichlorobenzene	14.333	180	1729	0.213	ug/L #	88

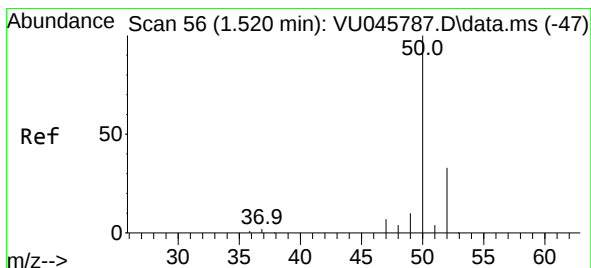
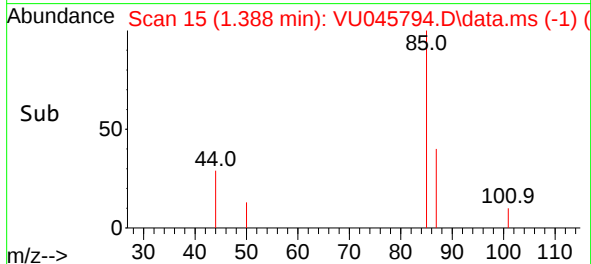
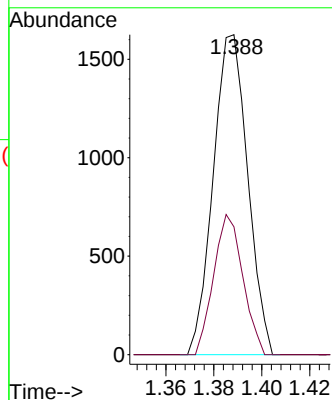
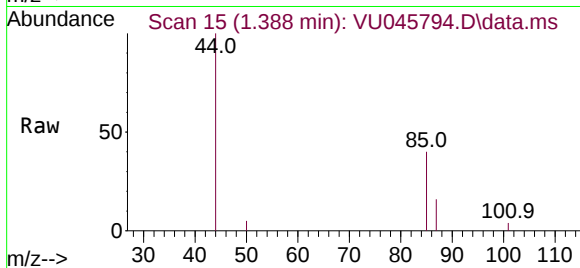
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#2
 Dichlorodifluoromethane
 Concen: 0.190 ug/L
 RT: 1.388 min Scan# 11
 Delta R.T. 0.003 min
 Lab File: VU045794.D
 Acq: 15 Nov 2021 16:10

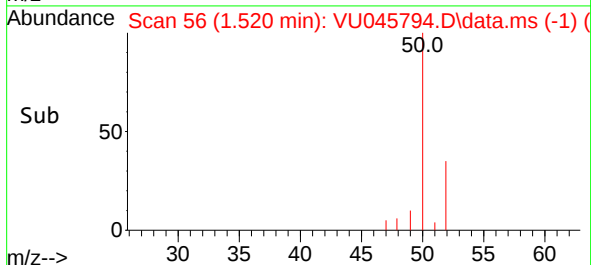
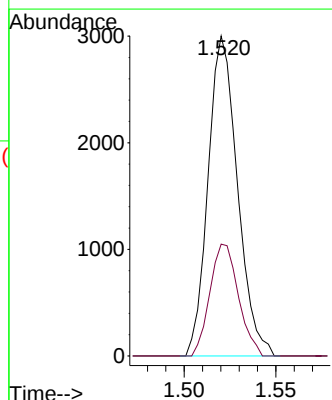
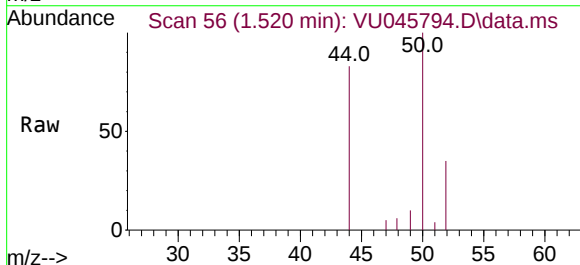
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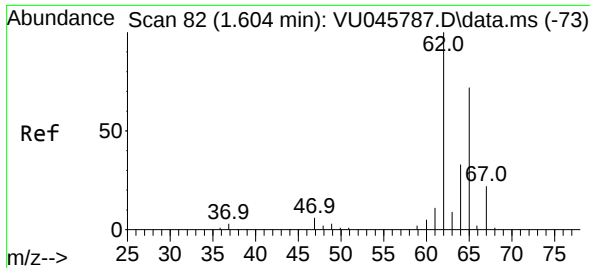
Tgt Ion: 85 Resp: 1623
 Ion Ratio Lower Upper
 85 100
 87 37.0 25.8 38.6



#3
 Chloromethane
 Concen: 0.368 ug/L
 RT: 1.520 min Scan# 56
 Delta R.T. 0.000 min
 Lab File: VU045794.D
 Acq: 15 Nov 2021 16:10

Tgt Ion: 50 Resp: 3338
 Ion Ratio Lower Upper
 50 100
 52 34.9 23.0 42.8

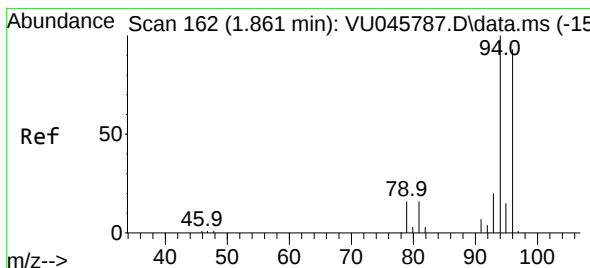
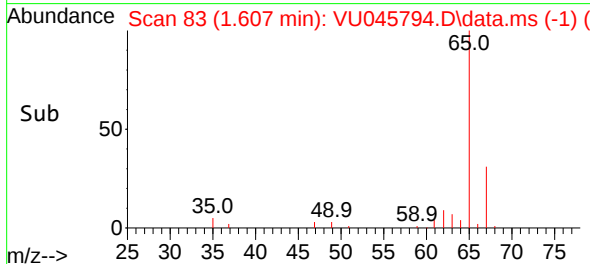
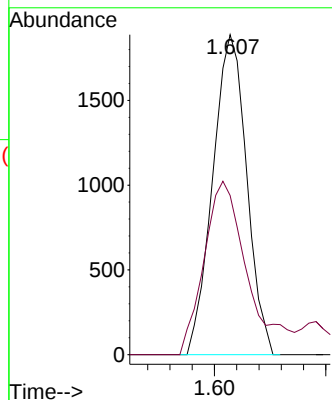
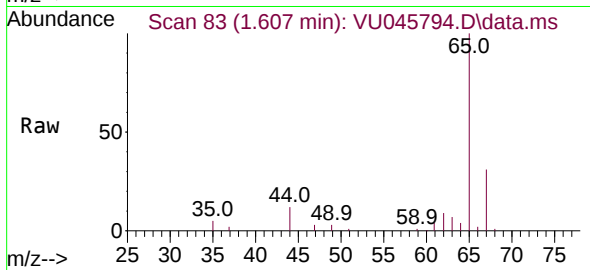




#5
 Vinyl chloride
 Concen: 0.219 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VU045794.D
 Acq: 15 Nov 2021 16:10

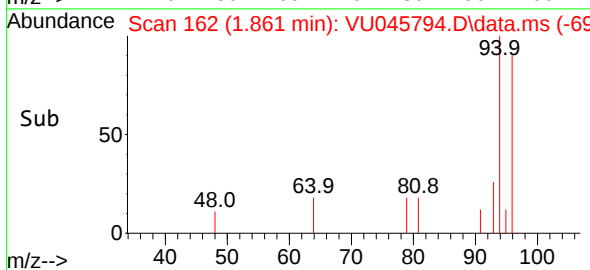
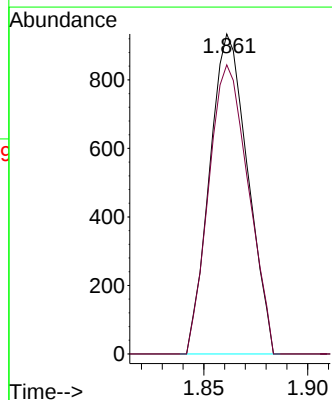
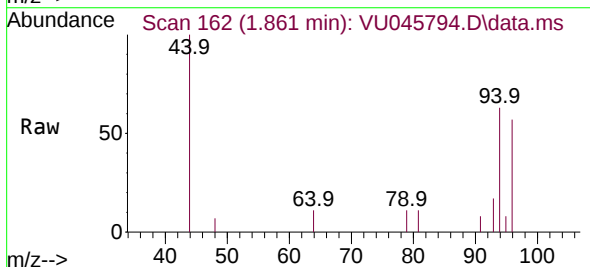
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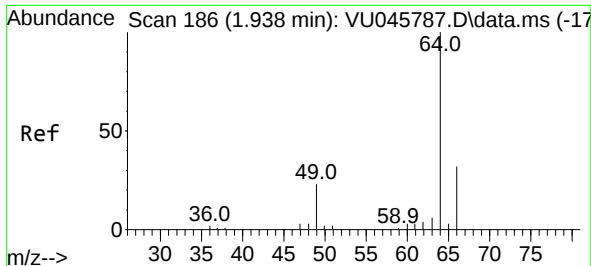
Tgt Ion: 62 Resp: 1997
 Ion Ratio Lower Upper
 62 100
 64 49.7 22.9 42.5#



#6
 Bromomethane
 Concen: 0.221 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. 0.000 min
 Lab File: VU045794.D
 Acq: 15 Nov 2021 16:10

Tgt Ion: 94 Resp: 1192
 Ion Ratio Lower Upper
 94 100
 96 90.4 65.5 121.6

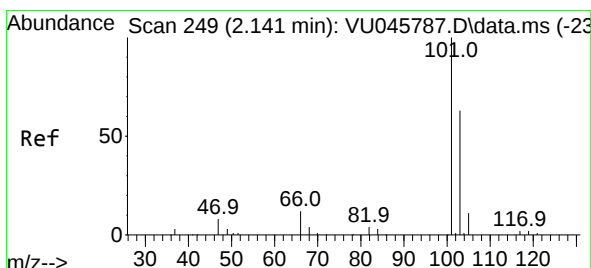
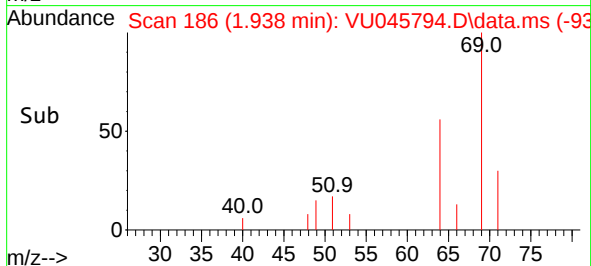
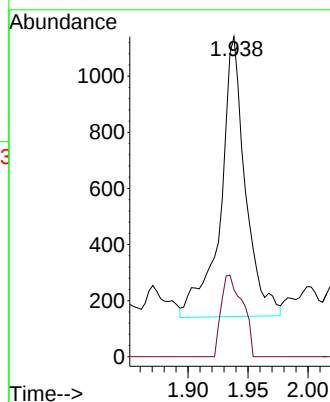
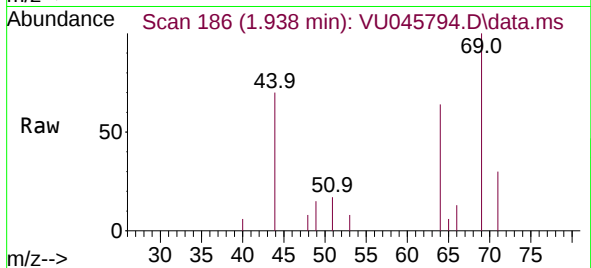




#8
Chloroethane
Concen: 0.275 ug/L
RT: 1.938 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045794.D
Acq: 15 Nov 2021 16:10

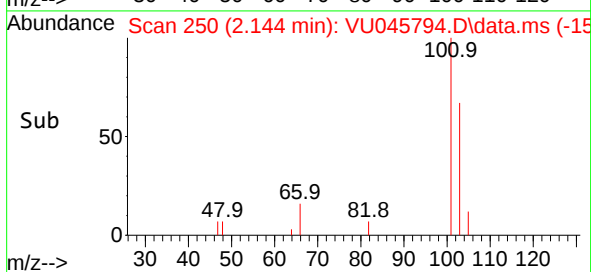
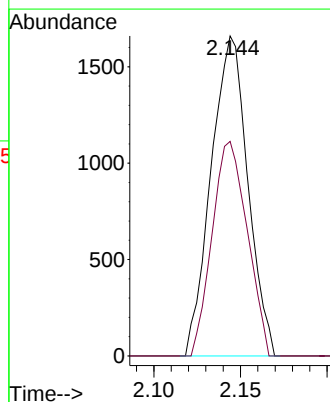
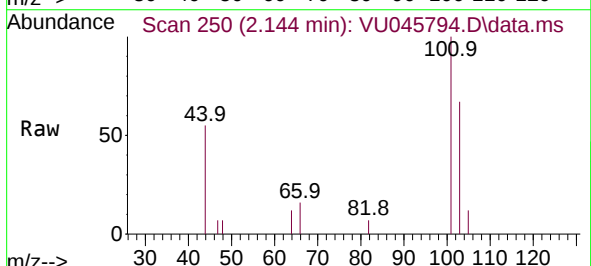
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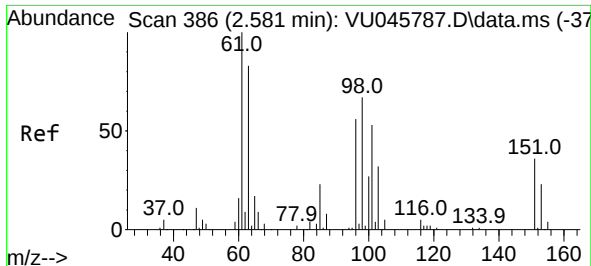
Tgt Ion: 64 Resp: 1429
Ion Ratio Lower Upper
64 100
66 20.9 22.1 41.1#



#9
Trichlorofluoromethane
Concen: 0.208 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.003 min
Lab File: VU045794.D
Acq: 15 Nov 2021 16:10

Tgt Ion:101 Resp: 2448
Ion Ratio Lower Upper
101 100
103 64.0 51.5 77.3

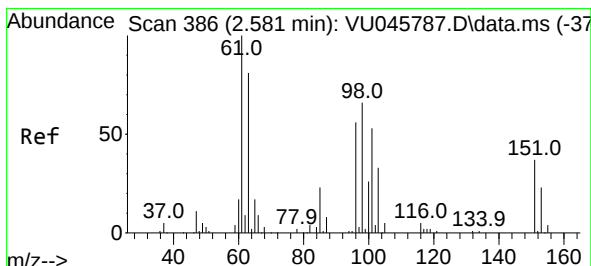
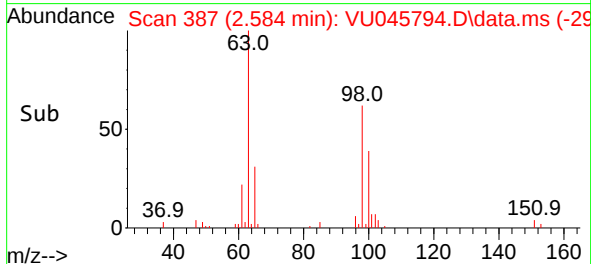
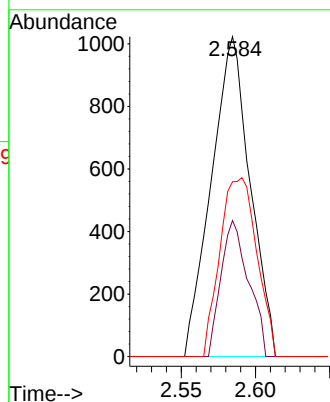
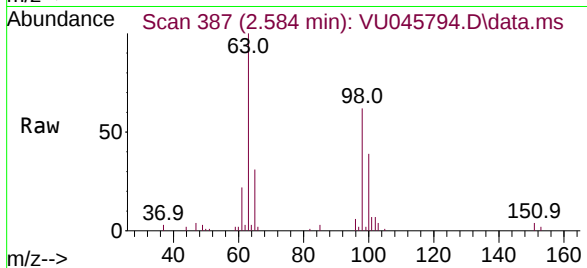




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.269 ug/L
 RT: 2.584 min Scan# 386
 Delta R.T. 0.003 min
 Lab File: VU045794.D
 Acq: 15 Nov 2021 16:10

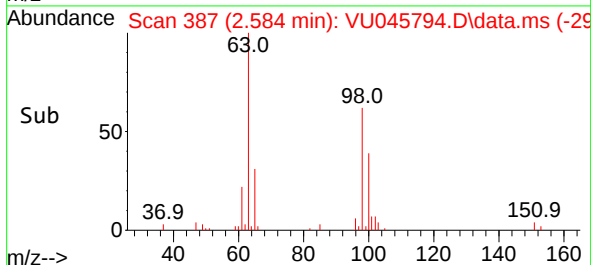
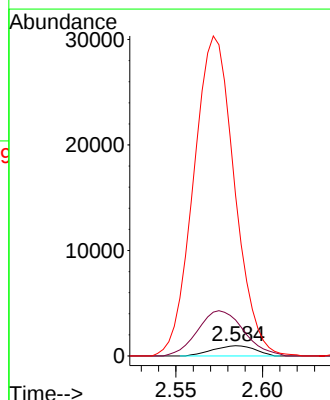
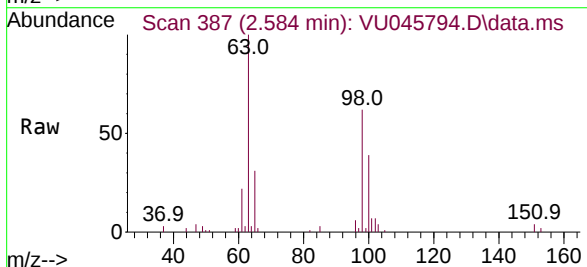
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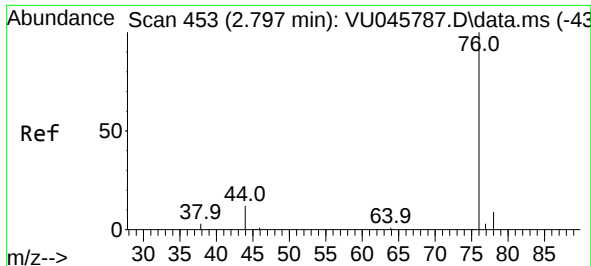
Tgt Ion:101 Resp: 1855
 Ion Ratio Lower Upper
 101 100
 85 30.4 34.6 51.8#
 151 53.2 56.1 84.1#



#12
 1,1-Dichloroethene
 Concen: 0.253 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. 0.003 min
 Lab File: VU045794.D
 Acq: 15 Nov 2021 16:10

Tgt Ion: 96 Resp: 1644
 Ion Ratio Lower Upper
 96 100
 61 351.8 124.7 231.5#
 63 1572.5 105.2 195.4#

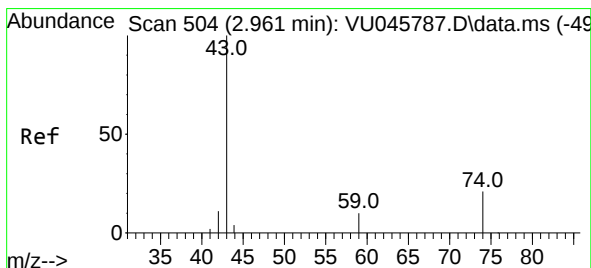
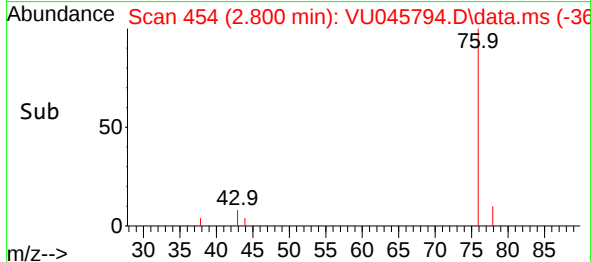
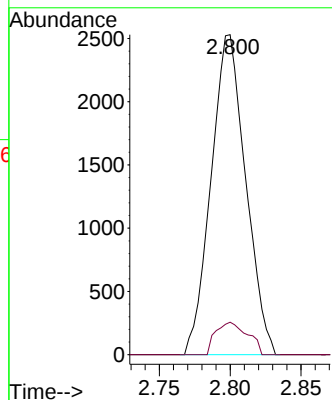
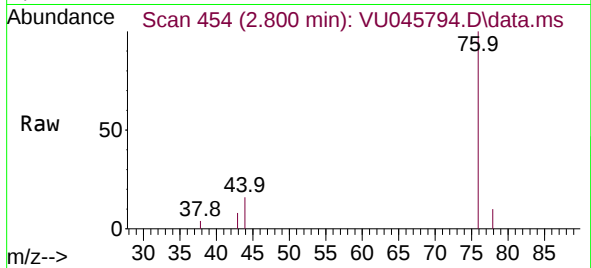




#14
Carbon disulfide
Concen: 0.209 ug/L
RT: 2.800 min Scan# 410
Delta R.T. 0.003 min
Lab File: VU045794.D
Acq: 15 Nov 2021 16:10

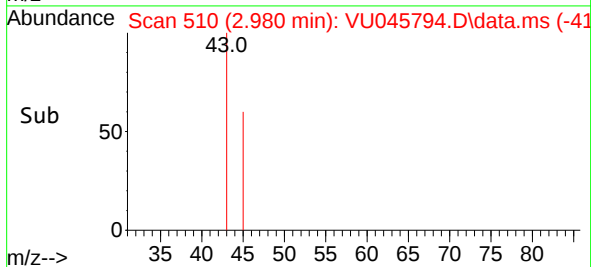
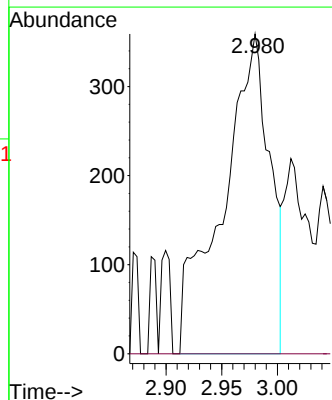
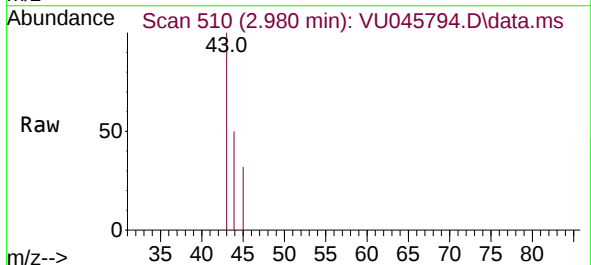
Instrument :
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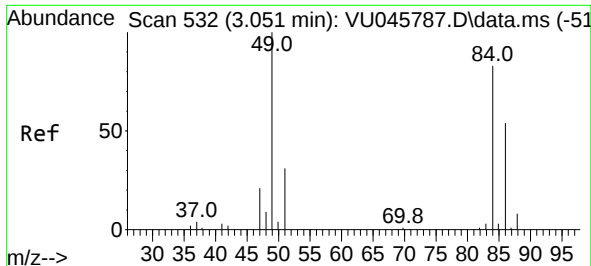
Tgt Ion: 76 Resp: 4302
Ion Ratio Lower Upper
76 100
78 10.2 7.5 11.3



#15
Methyl Acetate
Concen: 0.330 ug/L
RT: 2.980 min Scan# 510
Delta R.T. 0.019 min
Lab File: VU045794.D
Acq: 15 Nov 2021 16:10

Tgt Ion: 43 Resp: 1063
Ion Ratio Lower Upper
43 100
74 0.0 19.1 28.7#

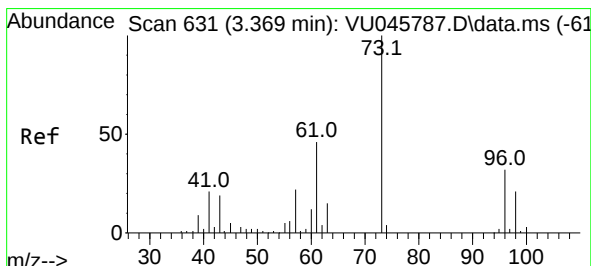
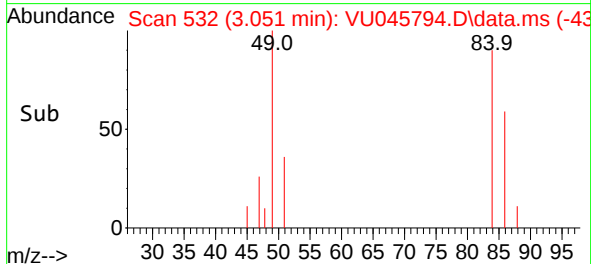
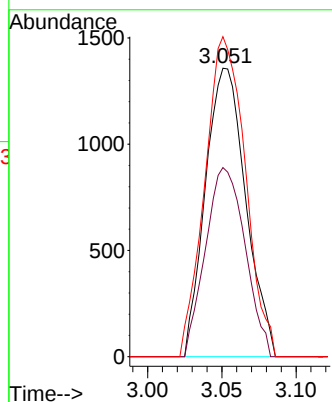
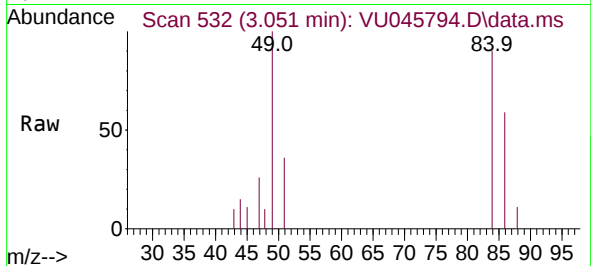




#16
Methylene chloride
Concen: 0.267 ug/L
RT: 3.051 min Scan# 511
Delta R.T. 0.000 min
Lab File: VU045794.D
Acq: 15 Nov 2021 16:10

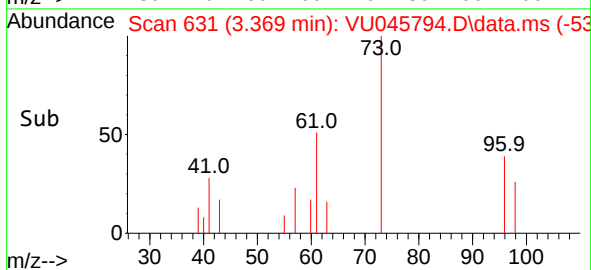
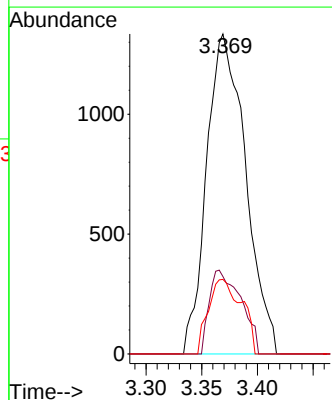
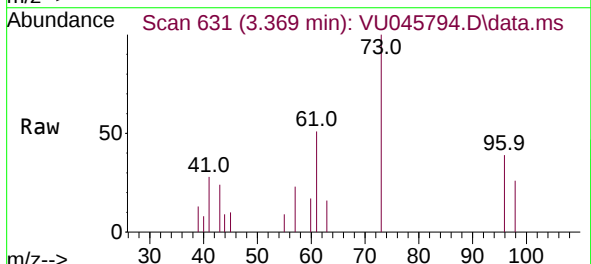
Instrument :
MSVOA_U
ClientSampleId :
MDL03

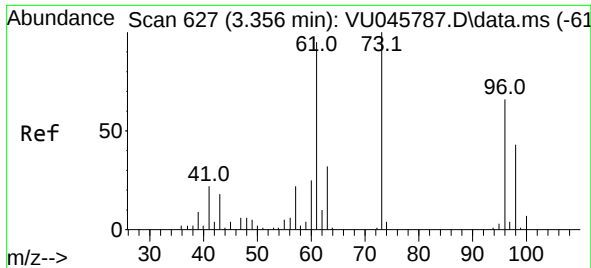
Tgt Ion: 84	Resp:	2565
Ion	Ratio	Lower Upper
84	100	
86	65.5	45.8 85.0
49	110.9	84.5 156.9



#17
Methyl tert-butyl Ether
Concen: 0.192 ug/L
RT: 3.369 min Scan# 631
Delta R.T. 0.000 min
Lab File: VU045794.D
Acq: 15 Nov 2021 16:10

Tgt Ion: 73	Resp:	3251
Ion	Ratio	Lower Upper
73	100	
43	21.3	14.8 22.2
57	19.8	17.4 26.0

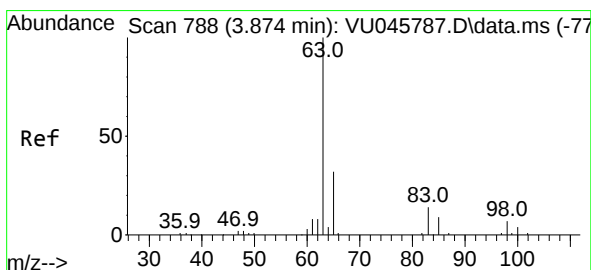
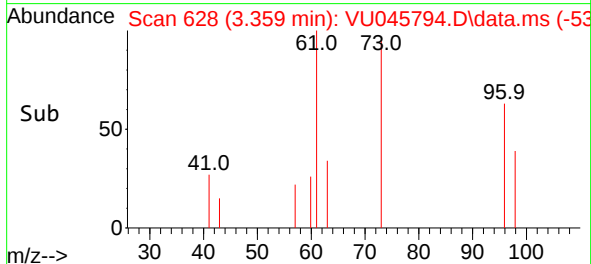
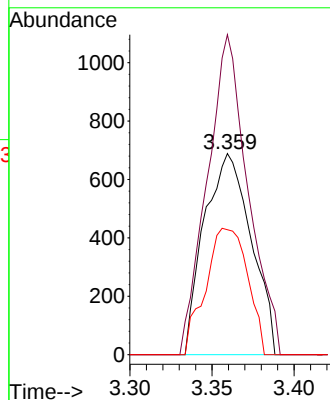
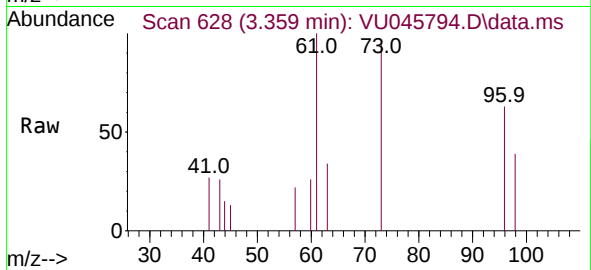




#18
trans-1,2-Dichloroethene
Concen: 0.196 ug/L
RT: 3.359 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU045794.D
Acq: 15 Nov 2021 16:10

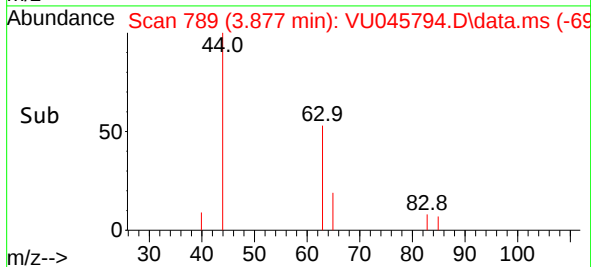
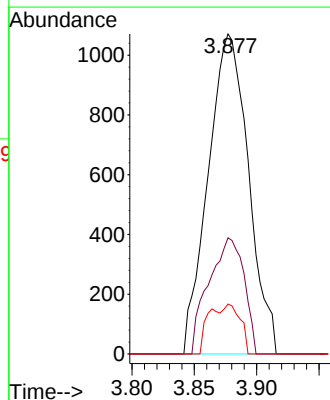
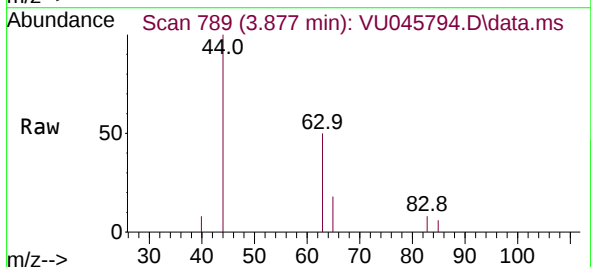
Instrument :
MSVOA_U
ClientSampleId :
MDL03

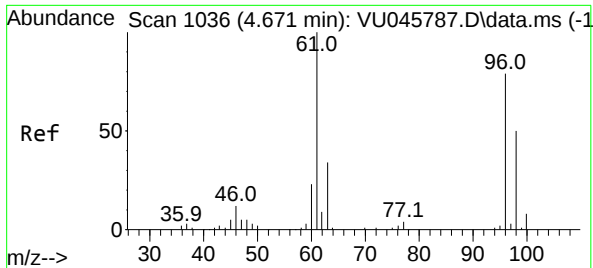
Tgt Ion: 96 Resp: 1366
Ion Ratio Lower Upper
96 100
61 159.1 100.8 187.2
98 62.1 45.1 83.7



#19
1,1-Dichloroethane
Concen: 0.185 ug/L
RT: 3.877 min Scan# 789
Delta R.T. 0.003 min
Lab File: VU045794.D
Acq: 15 Nov 2021 16:10

Tgt Ion: 63 Resp: 2412
Ion Ratio Lower Upper
63 100
65 36.3 22.3 41.5
83 15.6 9.6 17.8

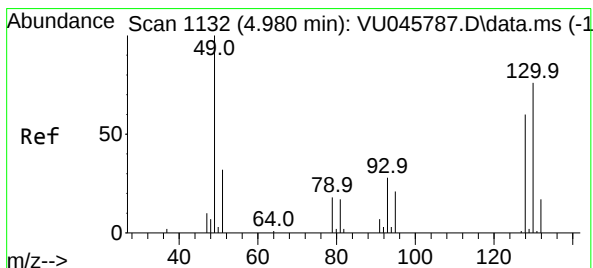
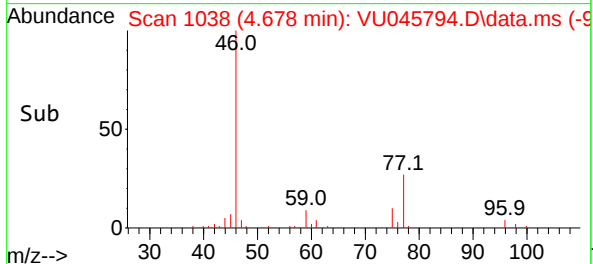
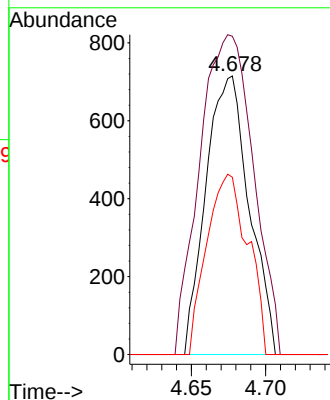
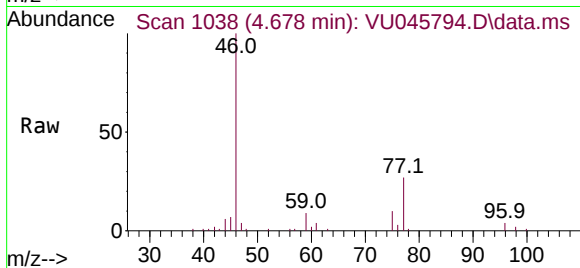




#22
 cis-1,2-Dichloroethene
 Concen: 0.192 ug/L
 RT: 4.678 min Scan# 1036
 Delta R.T. 0.007 min
 Lab File: VU045794.D
 Acq: 15 Nov 2021 16:10

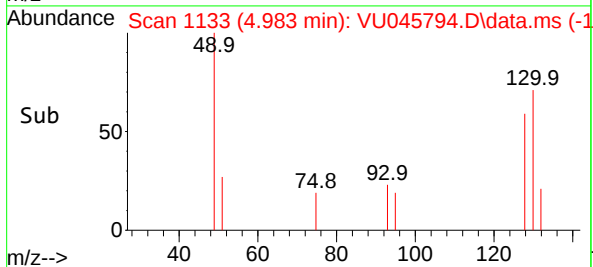
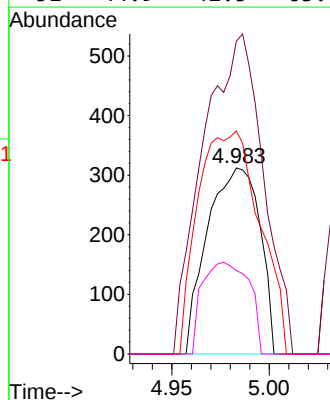
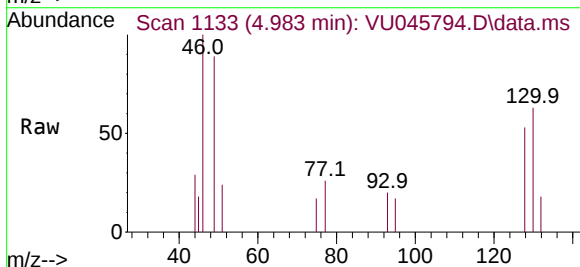
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL03

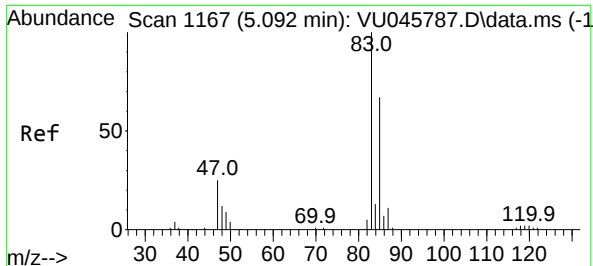
Tgt Ion: 96	Resp:	1453	
Ion	Ratio	Lower	Upper
96	100		
61	114.3	88.5	164.3
98	63.6	44.4	82.5



#23
 Bromochloromethane
 Concen: 0.177 ug/L
 RT: 4.983 min Scan# 1133
 Delta R.T. 0.003 min
 Lab File: VU045794.D
 Acq: 15 Nov 2021 16:10

Tgt	Ion:128	Resp:	583
Ion	Ratio	Lower	Upper
128	100		
49	168.3	117.0	217.2
130	119.9	88.2	163.8
51	44.9	42.5	63.7





#25

Chloroform

Concen: 0.473 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VU045794.D

Acq: 15 Nov 2021 16:10

Instrument :

MSVOA_U

ClientSampleId :

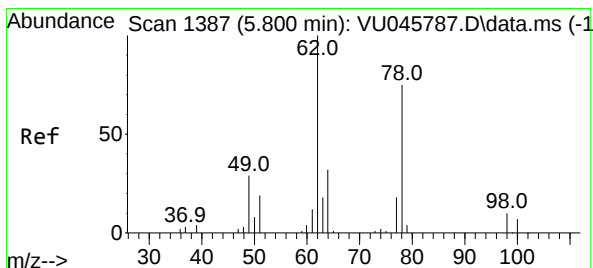
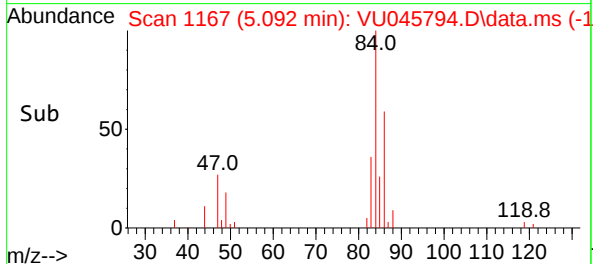
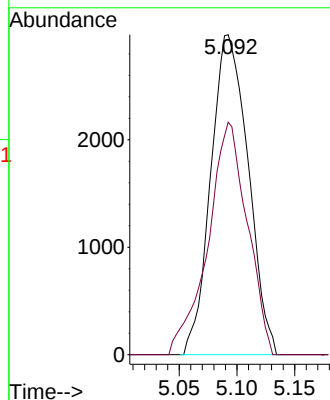
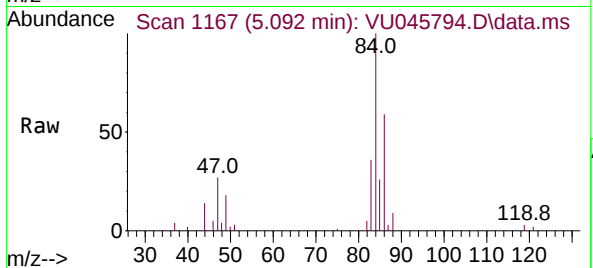
MDL03

Tgt Ion: 83 Resp: 6696

Ion Ratio Lower Upper

83 100

85 72.6 46.9 87.1



#27

1,2-Dichloroethane

Concen: 0.219 ug/L

RT: 5.803 min Scan# 1388

Delta R.T. 0.003 min

Lab File: VU045794.D

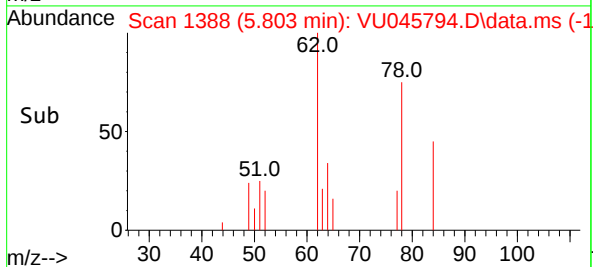
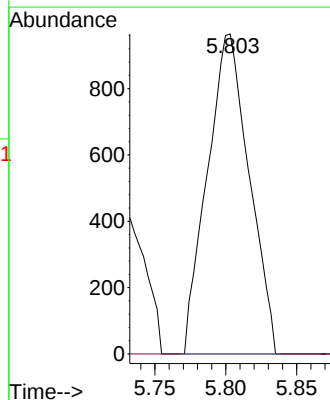
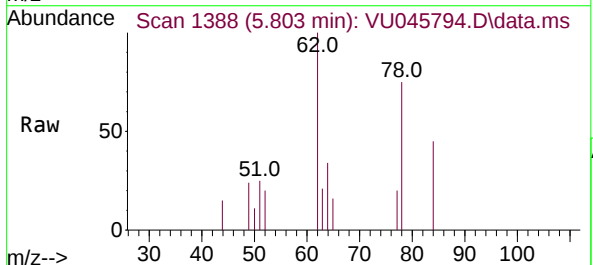
Acq: 15 Nov 2021 16:10

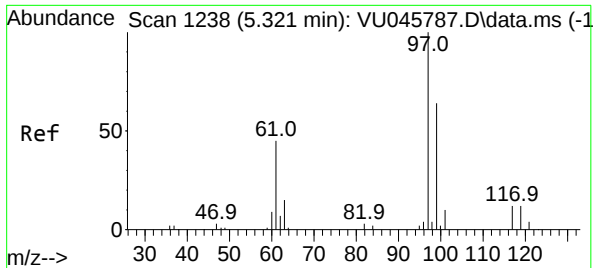
Tgt Ion: 62 Resp: 1983

Ion Ratio Lower Upper

62 100

98 0.0 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 0.198 ug/L

RT: 5.324 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU045794.D

Acq: 15 Nov 2021 16:10

Instrument :

MSVOA_U

ClientSampleId :

MDL03

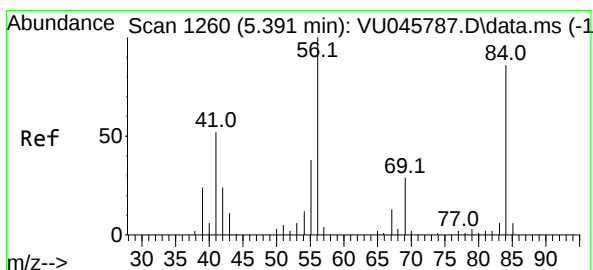
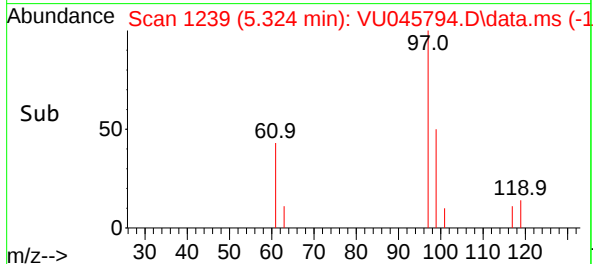
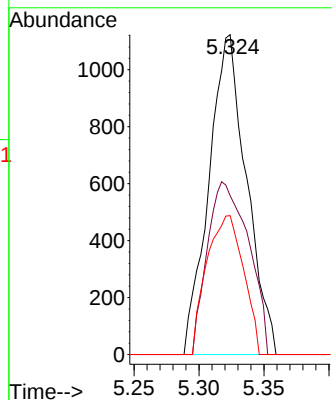
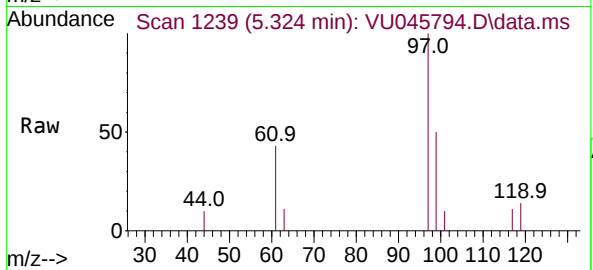
Tgt Ion: 97 Resp: 2264

Ion Ratio Lower Upper

97 100

99 59.1 51.3 76.9

61 42.3 36.1 54.1



#30

Cyclohexane

Concen: 0.182 ug/L

RT: 5.395 min Scan# 1261

Delta R.T. 0.003 min

Lab File: VU045794.D

Acq: 15 Nov 2021 16:10

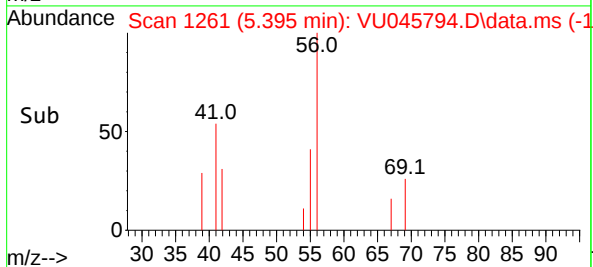
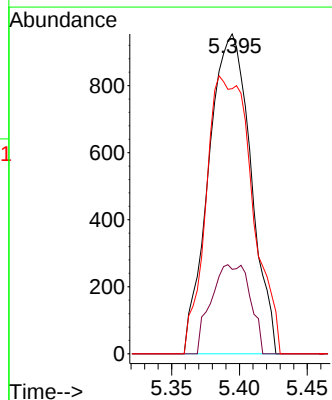
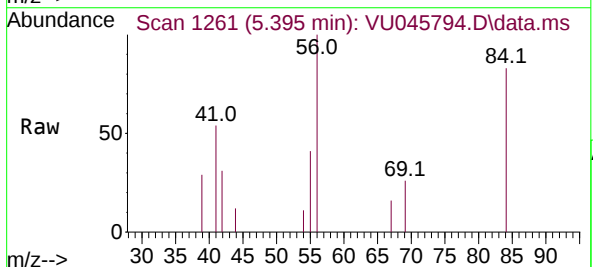
Tgt Ion: 56 Resp: 2062

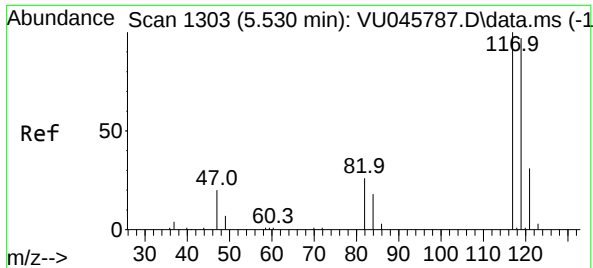
Ion Ratio Lower Upper

56 100

69 25.6 24.7 37.1

84 95.0 71.8 107.6

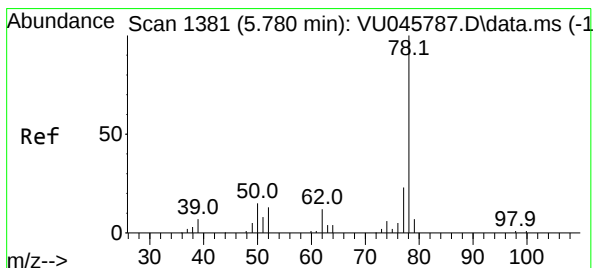
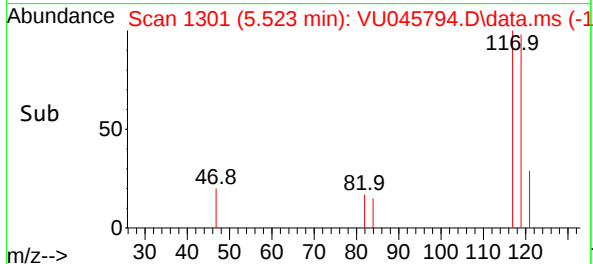
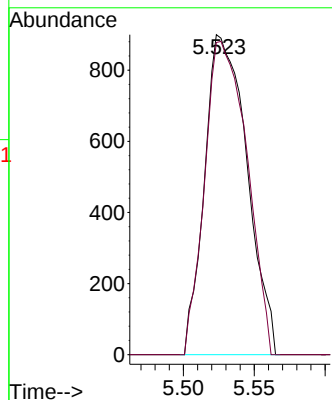
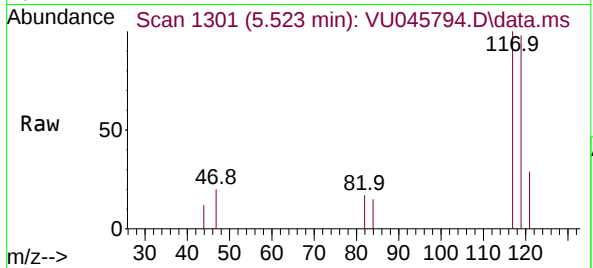




#31
Carbon tetrachloride
Concen: 0.195 ug/L
RT: 5.523 min Scan# 1117
Delta R.T. -0.006 min
Lab File: VU045794.D
Acq: 15 Nov 2021 16:10

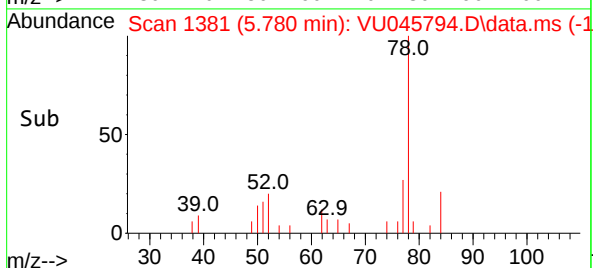
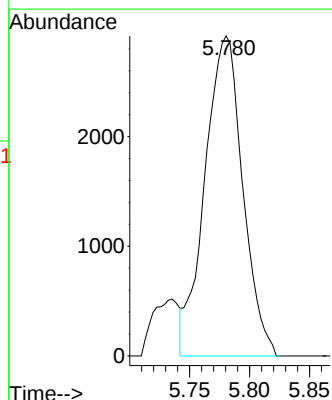
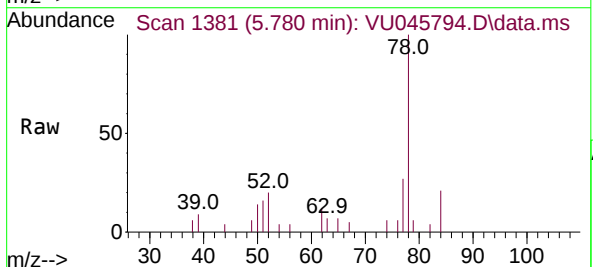
Instrument :
MSVOA_U
ClientSampleId :
MDL03

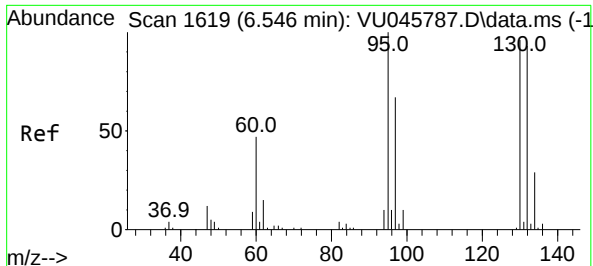
Tgt Ion:117 Resp: 1869
Ion Ratio Lower Upper
117 100
119 97.9 77.5 116.3



#33
Benzene
Concen: 0.218 ug/L
RT: 5.780 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VU045794.D
Acq: 15 Nov 2021 16:10

Tgt Ion: 78 Resp: 6393





#34

Trichloroethene

Concen: 0.227 ug/L

RT: 6.549 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU045794.D

Acq: 15 Nov 2021 16:10

Instrument :

MSVOA_U

ClientSampleId :

MDL03

Tgt Ion: 95 Resp: 1716

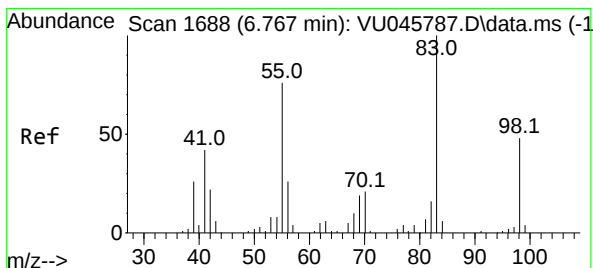
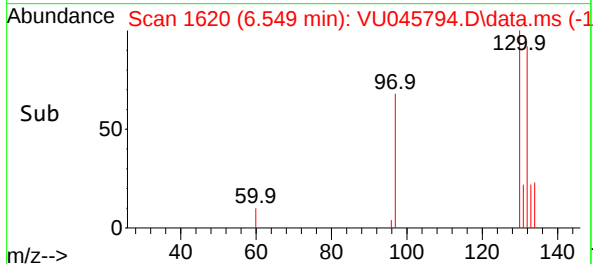
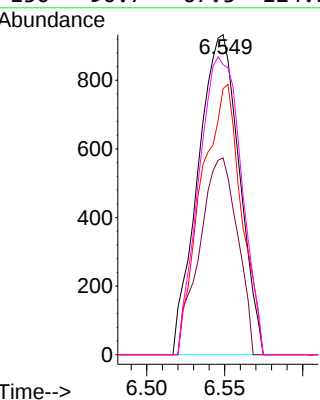
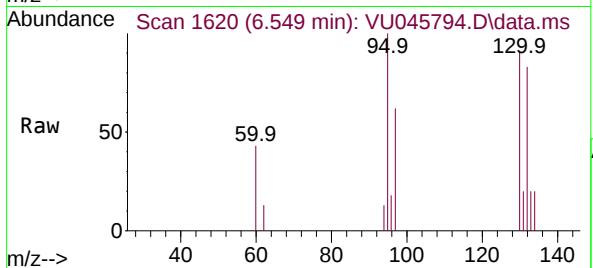
Ion Ratio Lower Upper

95 100

97 61.5 46.5 86.5

132 83.2 65.1 120.9

130 90.7 67.3 124.9



#35

Methylcyclohexane

Concen: 0.193 ug/L

RT: 6.764 min Scan# 1687

Delta R.T. -0.003 min

Lab File: VU045794.D

Acq: 15 Nov 2021 16:10

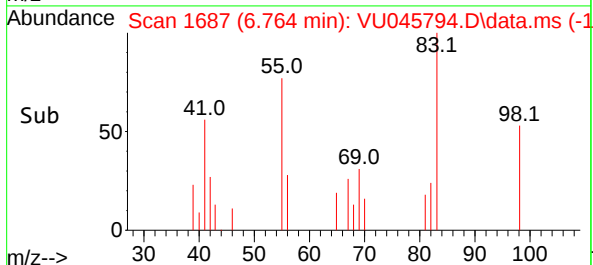
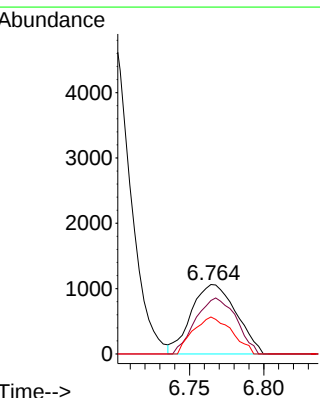
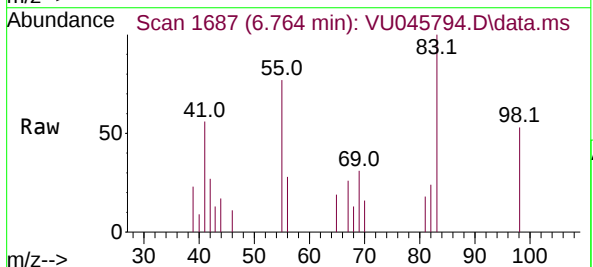
Tgt Ion: 83 Resp: 2240

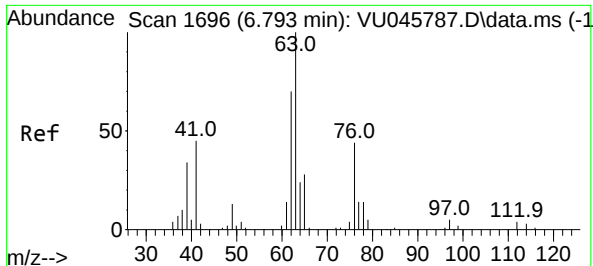
Ion Ratio Lower Upper

83 100

55 73.0 61.9 92.9

98 45.8 39.0 58.6





#37

1,2-Dichloropropane

Concen: 0.199 ug/L

RT: 6.797 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU045794.D

Acq: 15 Nov 2021 16:10

Instrument :

MSVOA_U

ClientSampleId :

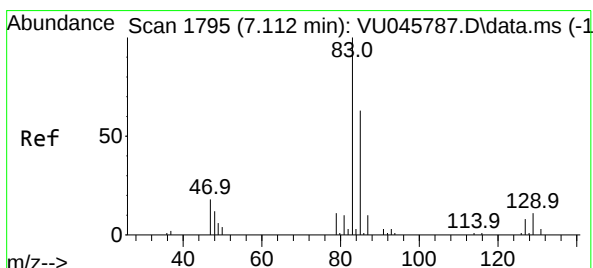
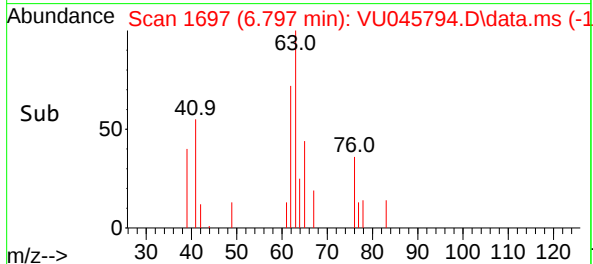
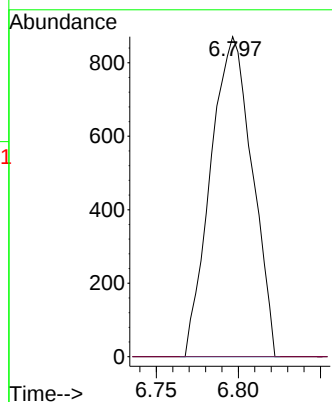
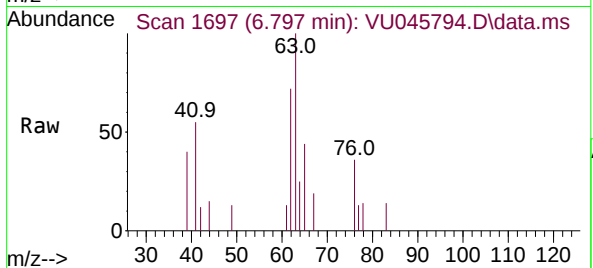
MDL03

Tgt Ion: 63 Resp: 1538

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#38

Bromodichloromethane

Concen: 0.202 ug/L

RT: 7.112 min Scan# 1795

Delta R.T. 0.000 min

Lab File: VU045794.D

Acq: 15 Nov 2021 16:10

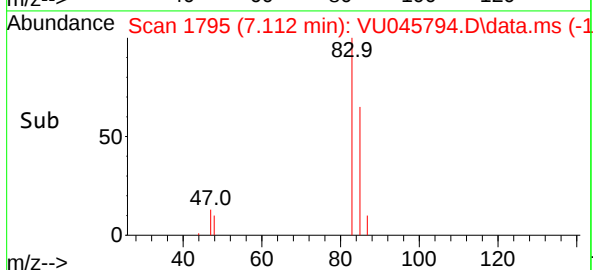
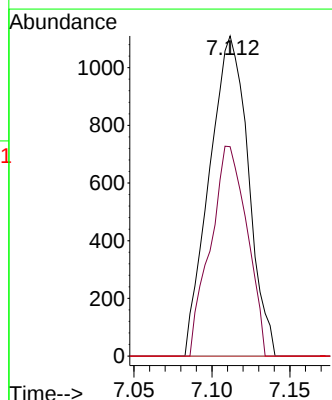
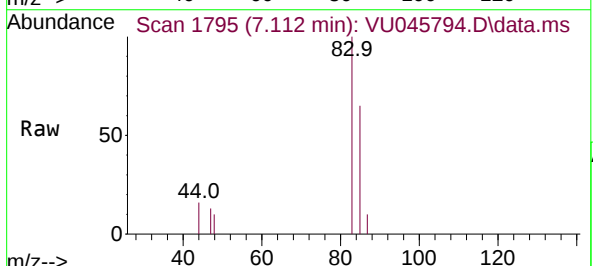
Tgt Ion: 83 Resp: 1927

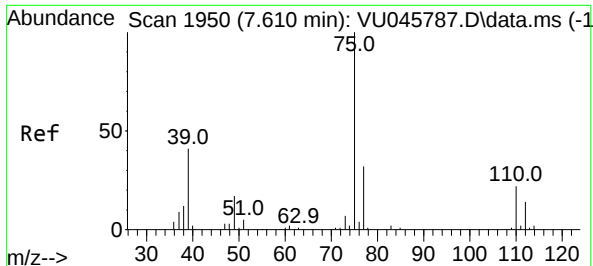
Ion Ratio Lower Upper

83 100

85 65.4 44.0 81.8

127 0.0 6.3 9.5#





#39

cis-1,3-Dichloropropene

Concen: 0.202 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VU045794.D

Acq: 15 Nov 2021 16:10

Instrument :

MSVOA_U

ClientSampleId :

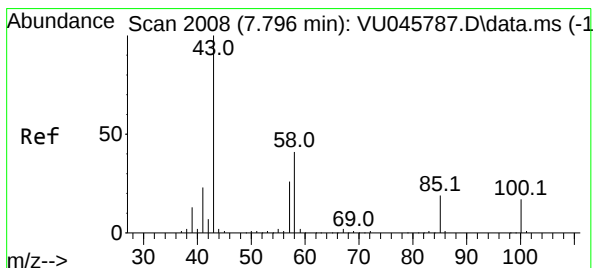
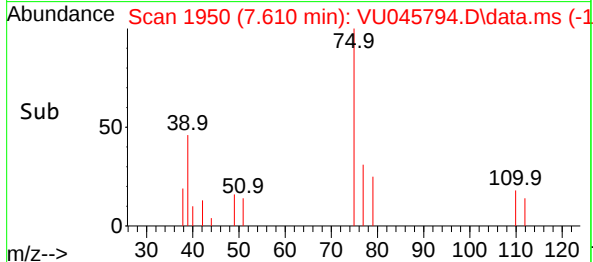
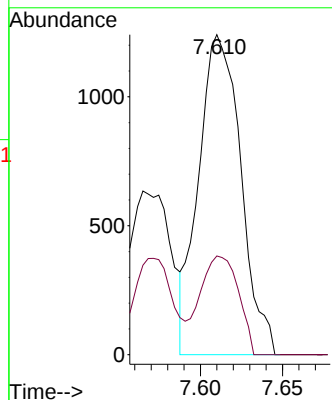
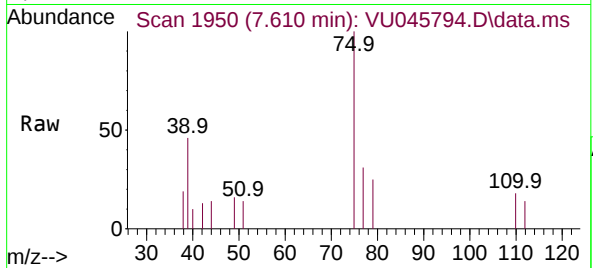
MDL03

Tgt Ion: 75 Resp: 2218

Ion Ratio Lower Upper

75 100

77 30.9 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 1.920 ug/L

RT: 7.796 min Scan# 2008

Delta R.T. 0.000 min

Lab File: VU045794.D

Acq: 15 Nov 2021 16:10

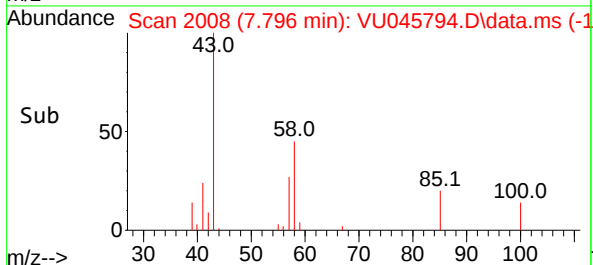
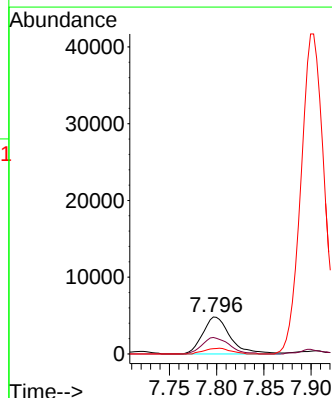
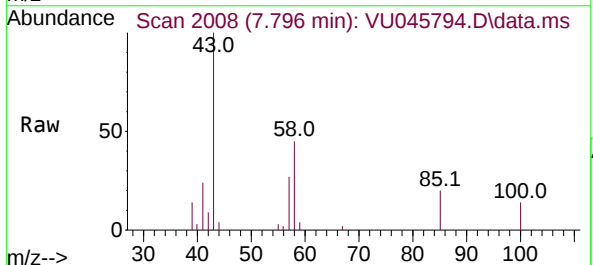
Tgt Ion: 43 Resp: 9726

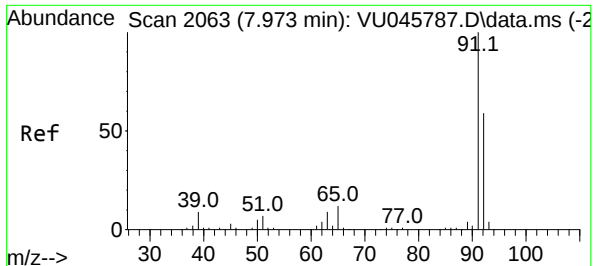
Ion Ratio Lower Upper

43 100

58 43.7 33.1 49.7

100 0.0 13.2 19.8#

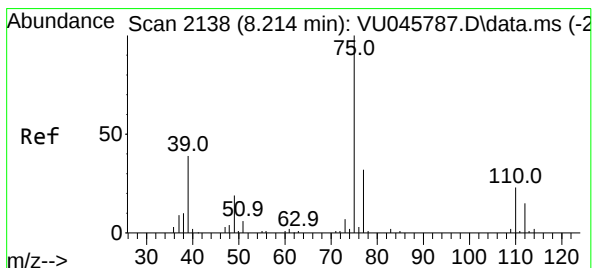
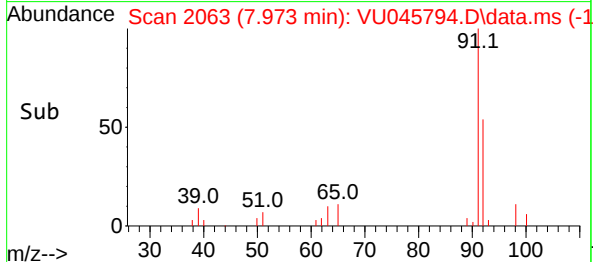
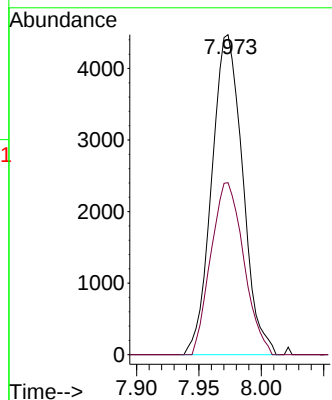
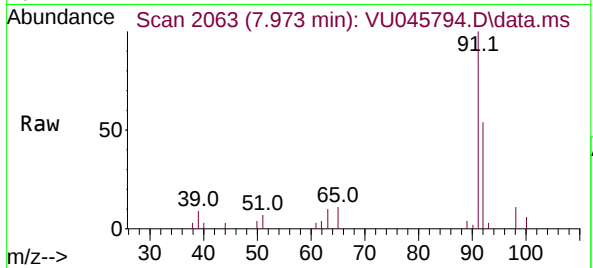




#42
Toluene
Concen: 0.255 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU045794.D
Acq: 15 Nov 2021 16:10

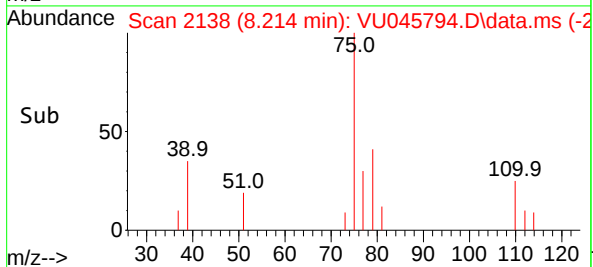
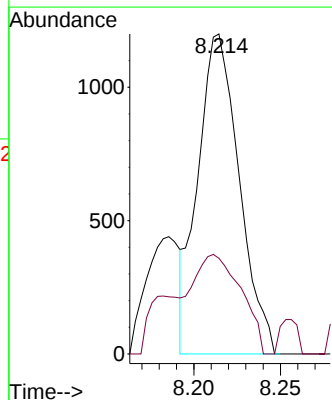
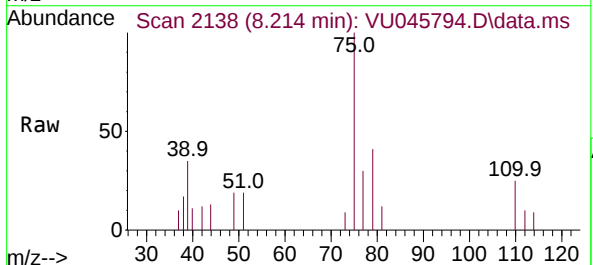
Instrument :
MSVOA_U
ClientSampleId :
MDL03

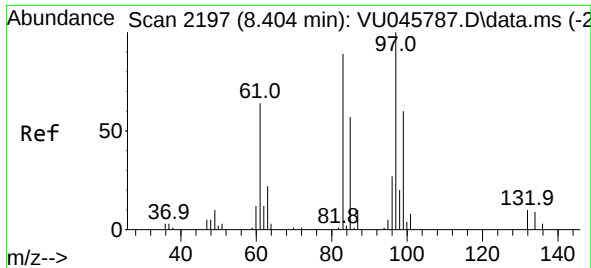
Tgt Ion: 91 Resp: 7729
Ion Ratio Lower Upper
91 100
92 53.7 41.3 76.7



#44
trans-1,3-Dichloropropene
Concen: 0.209 ug/L
RT: 8.214 min Scan# 2138
Delta R.T. 0.000 min
Lab File: VU045794.D
Acq: 15 Nov 2021 16:10

Tgt Ion: 75 Resp: 1992
Ion Ratio Lower Upper
75 100
77 29.9 22.7 42.3

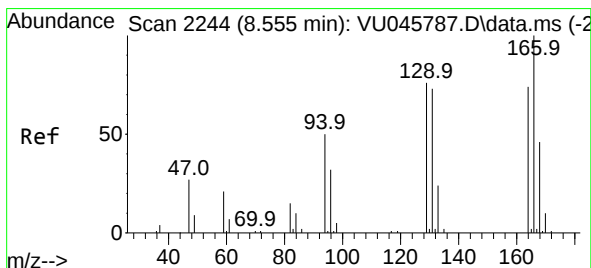
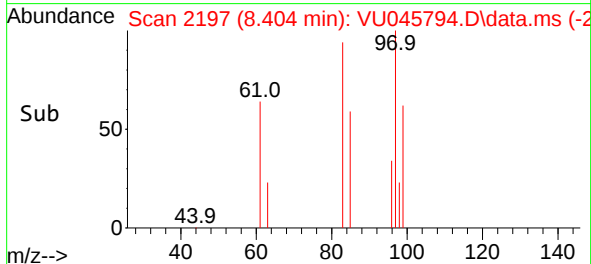
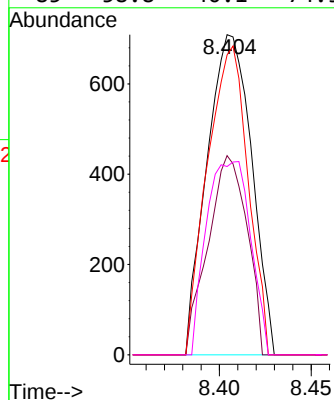
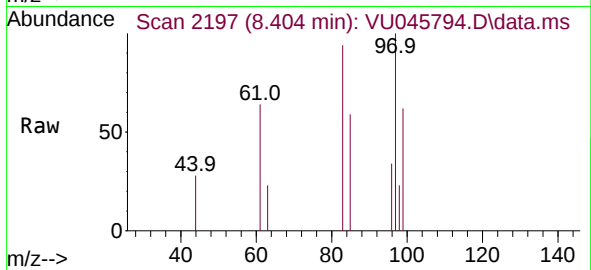




#45
1,1,2-Trichloroethane
Concen: 0.209 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. 0.000 min
Lab File: VU045794.D
Acq: 15 Nov 2021 16:10

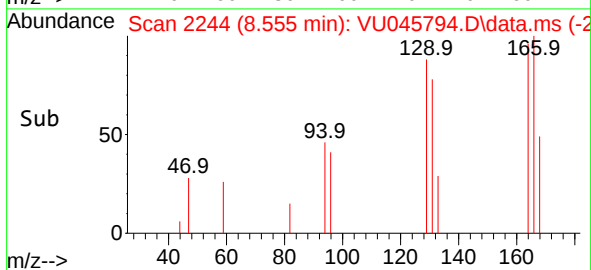
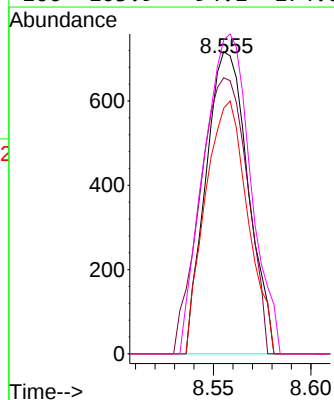
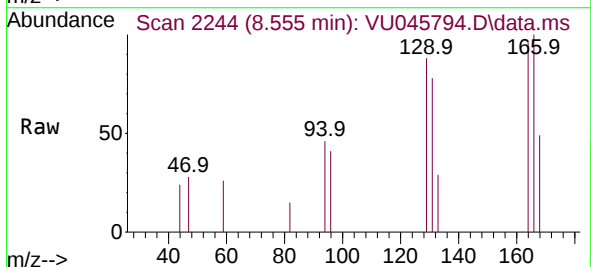
Instrument :
MSVOA_U
ClientSampleId :
MDL03

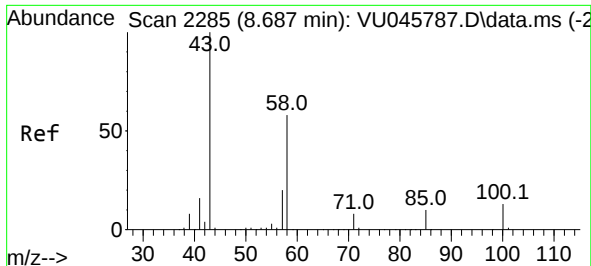
Tgt Ion: 97	Resp:	1198	
Ion	Ratio	Lower	Upper
97	100		
99	62.2	42.3	78.5
83	93.7	62.0	115.2
85	58.8	40.1	74.5



#47
Tetrachloroethene
Concen: 0.204 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU045794.D
Acq: 15 Nov 2021 16:10

Tgt	Ion:164	Resp:	1081
Ion	Ratio	Lower	Upper
164	100		
129	91.4	71.8	133.4
131	81.3	68.5	127.3
166	103.9	94.1	174.8

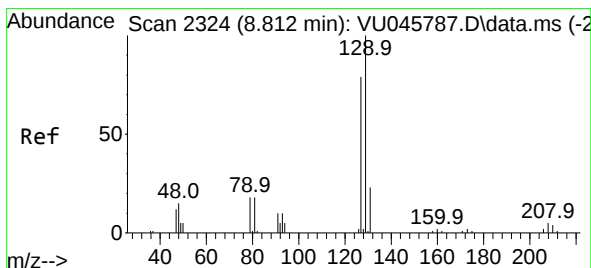
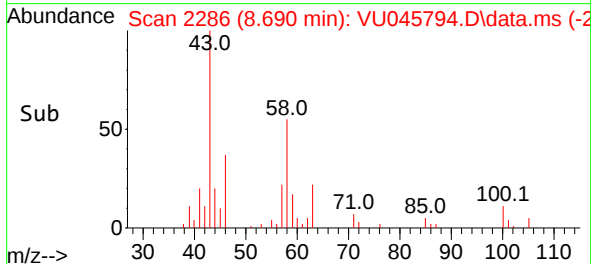
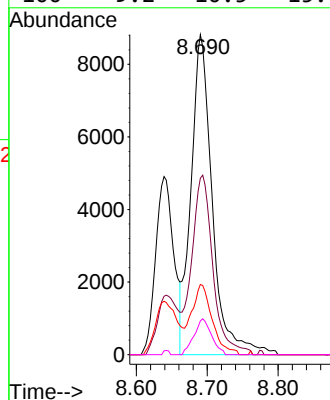
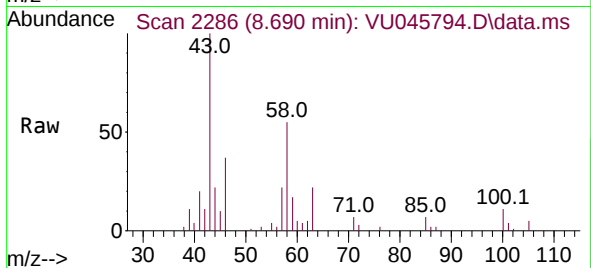




#48
2-Hexanone
Concen: 5.041 ug/L
RT: 8.690 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU045794.D
Acq: 15 Nov 2021 16:10

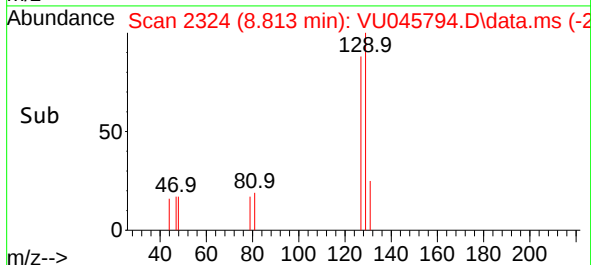
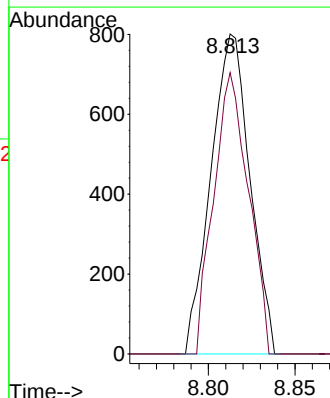
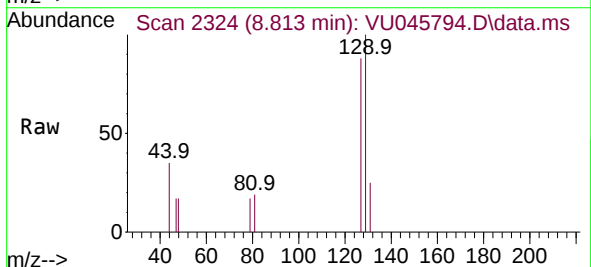
Instrument :
MSVOA_U
ClientSampleId :
MDL03

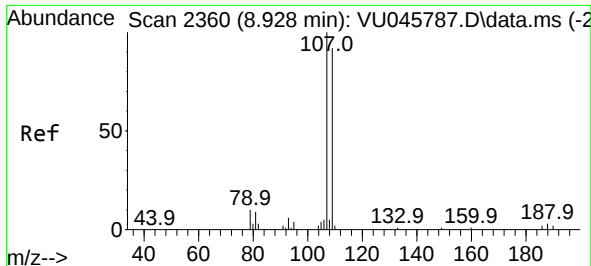
Tgt Ion: 43 Resp: 18445
Ion Ratio Lower Upper
43 100
58 56.5 46.7 70.1
57 21.1 16.3 24.5
100 9.2 10.5 15.7#



#49
Dibromochloromethane
Concen: 0.192 ug/L
RT: 8.813 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU045794.D
Acq: 15 Nov 2021 16:10

Tgt Ion: 129 Resp: 1255
Ion Ratio Lower Upper
129 100
127 87.9 55.4 102.8





#50

1,2-Dibromoethane

Concen: 0.202 ug/L

RT: 8.928 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU045794.D

Acq: 15 Nov 2021 16:10

Instrument :

MSVOA_U

ClientSampleId :

MDL03

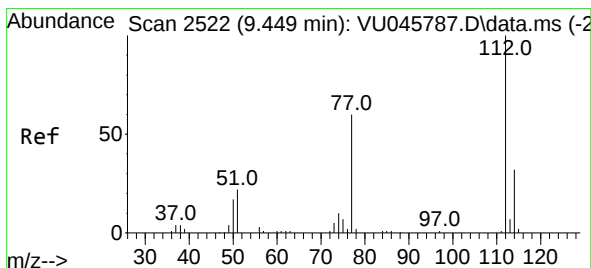
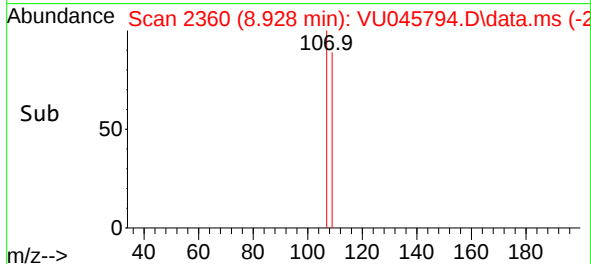
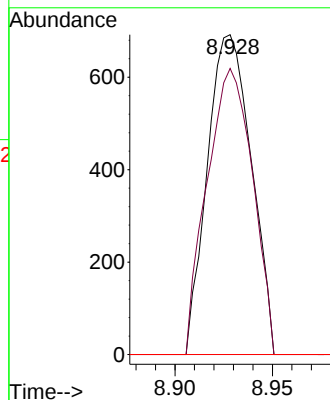
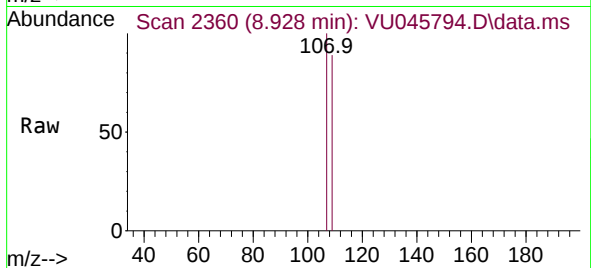
Tgt Ion:107 Resp: 1089

Ion Ratio Lower Upper

107 100

109 89.5 64.0 119.0

188 0.0 2.4 3.6#



#51

Chlorobenzene

Concen: 0.210 ug/L

RT: 9.452 min Scan# 2523

Delta R.T. 0.003 min

Lab File: VU045794.D

Acq: 15 Nov 2021 16:10

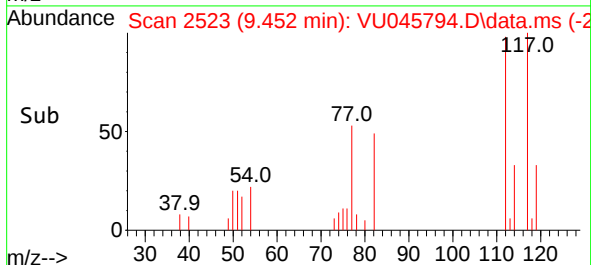
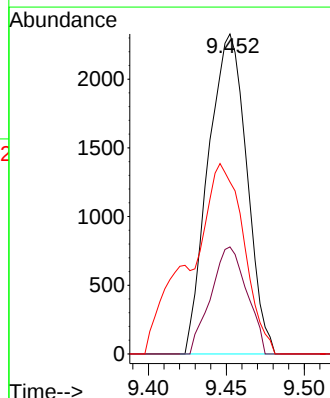
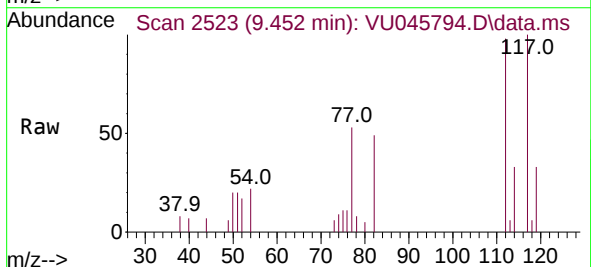
Tgt Ion:112 Resp: 3994

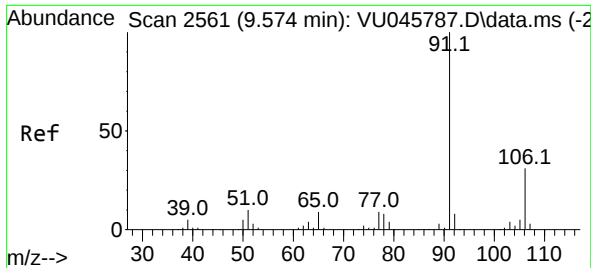
Ion Ratio Lower Upper

112 100

114 33.4 22.1 41.1

77 53.8 48.3 72.5

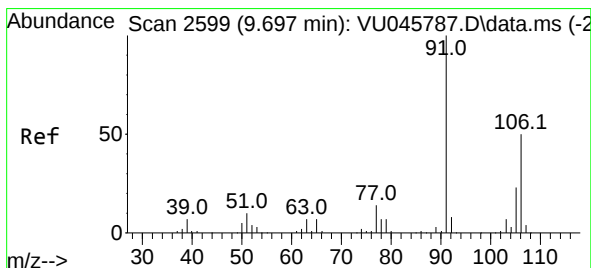
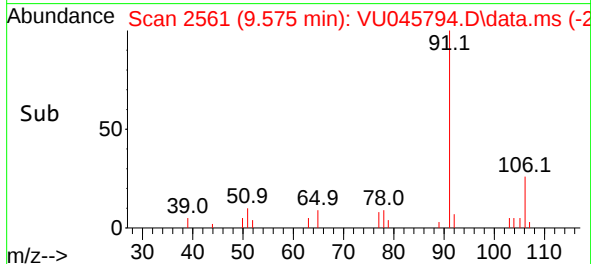
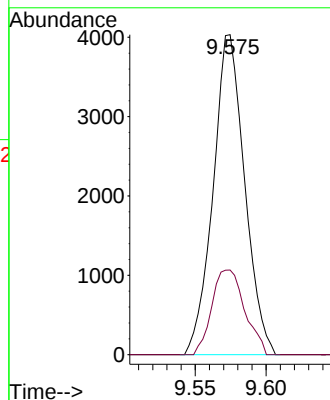
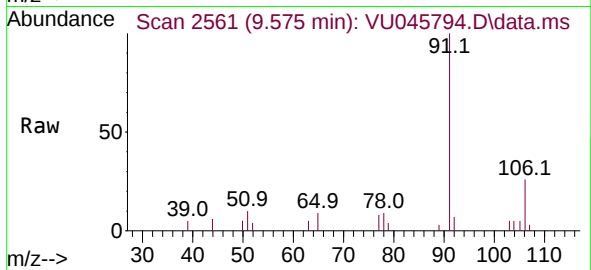




#52
Ethylbenzene
Concen: 0.197 ug/L
RT: 9.575 min Scan# 2561
Delta R.T. 0.000 min
Lab File: VU045794.D
Acq: 15 Nov 2021 16:10

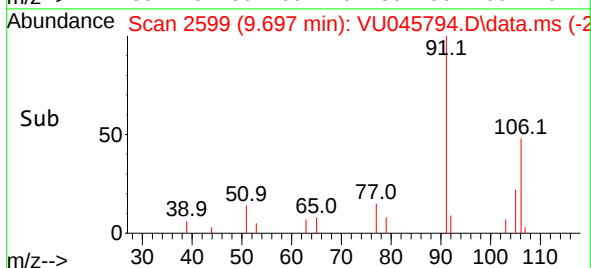
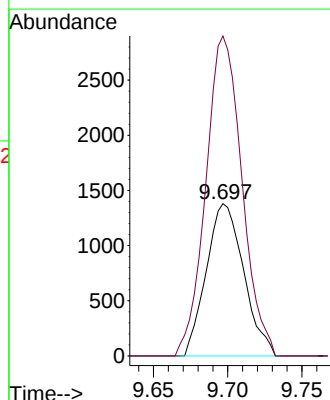
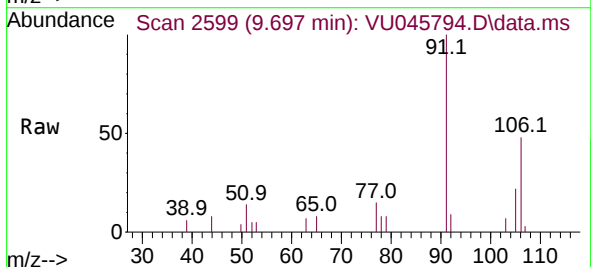
Instrument :
MSVOA_U
ClientSampleId :
MDL03

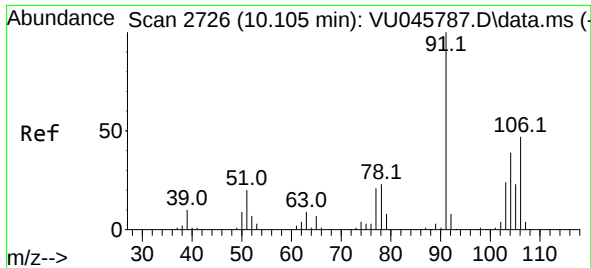
Tgt Ion: 91 Resp: 6244
Ion Ratio Lower Upper
91 100
106 26.4 21.5 39.9



#53
m,p-Xylene
Concen: 0.199 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU045794.D
Acq: 15 Nov 2021 16:10

Tgt Ion: 106 Resp: 2412
Ion Ratio Lower Upper
106 100
91 210.0 139.4 259.0

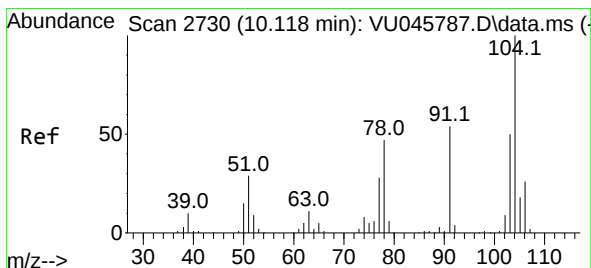
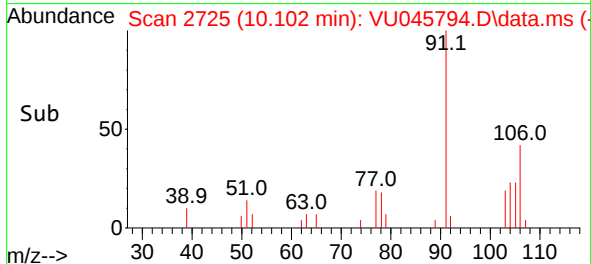
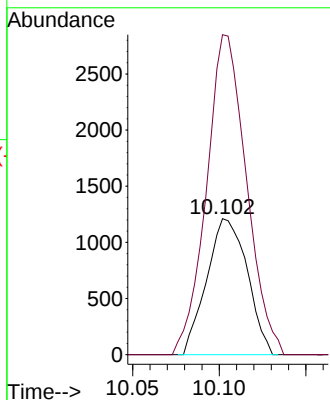
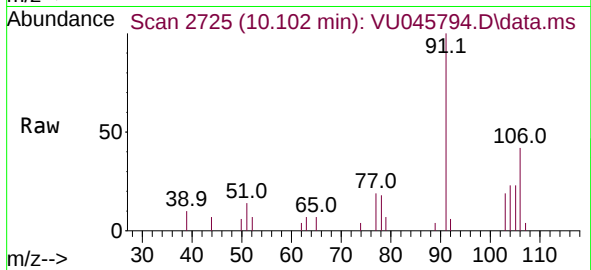




#54
o-Xylene
Concen: 0.168 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.003 min
Lab File: VU045794.D
Acq: 15 Nov 2021 16:10

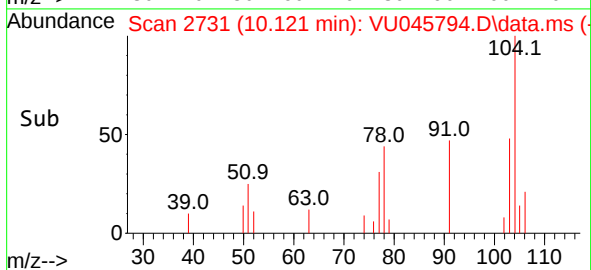
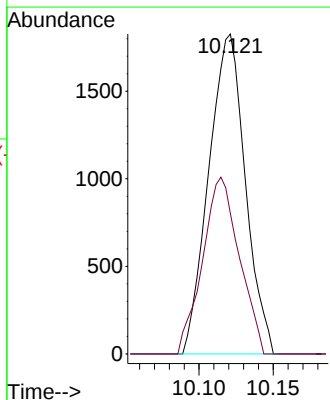
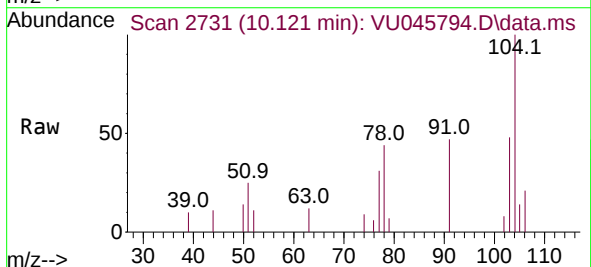
Instrument :
MSVOA_U
ClientSampleId :
MDL03

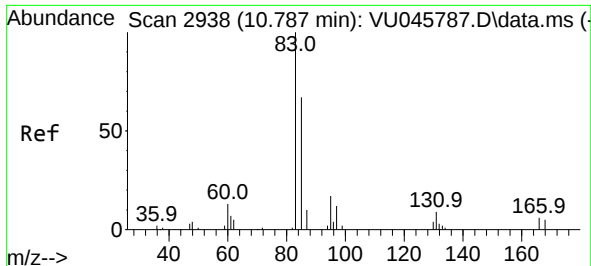
Tgt Ion:106 Resp: 1968
Ion Ratio Lower Upper
106 100
91 235.3 147.5 273.9



#55
Styrene
Concen: 0.159 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. 0.003 min
Lab File: VU045794.D
Acq: 15 Nov 2021 16:10

Tgt Ion:104 Resp: 3129
Ion Ratio Lower Upper
104 100
78 44.0 33.0 61.4

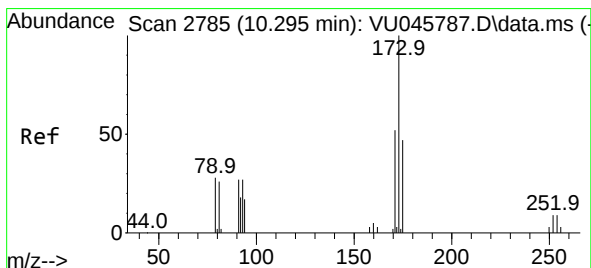
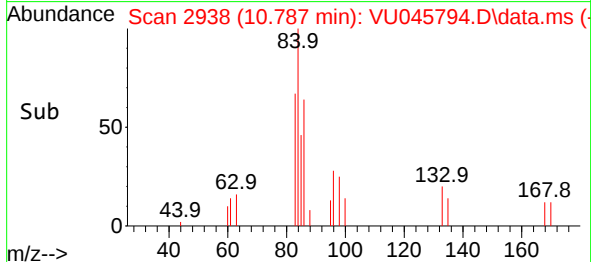
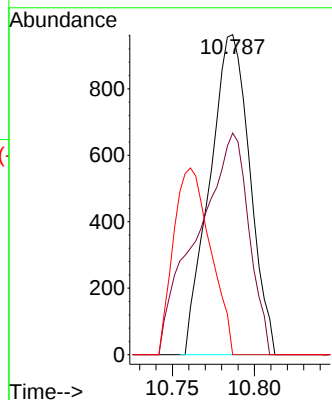
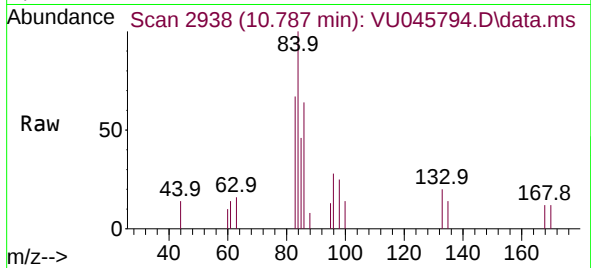




#57
1,1,2,2-Tetrachloroethane
Concen: 0.222 ug/L
RT: 10.787 min Scan# 2938
Delta R.T. 0.000 min
Lab File: VU045794.D
Acq: 15 Nov 2021 16:10

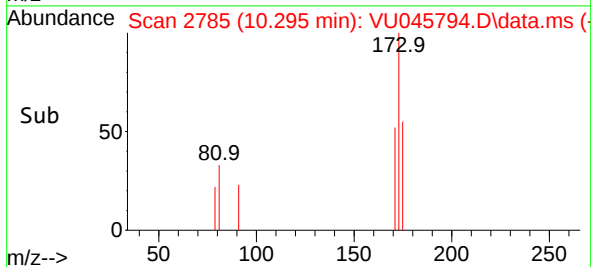
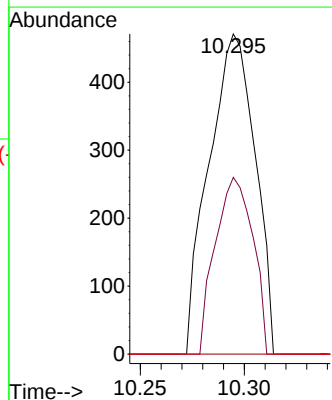
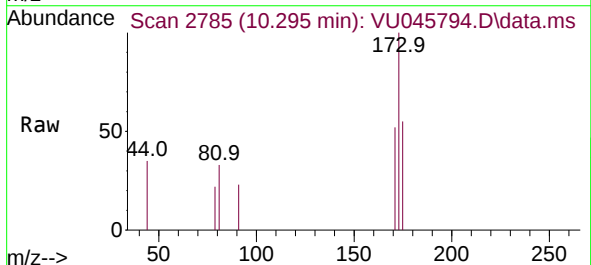
Instrument :
MSVOA_U
ClientSampleId :
MDL03

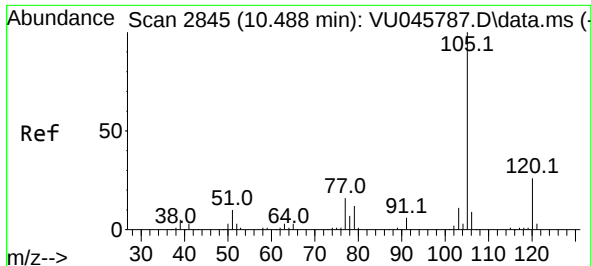
Tgt Ion: 83 Resp: 1632
Ion Ratio Lower Upper
83 100
85 69.3 47.9 89.1
131 0.0 8.1 12.1#



#59
Bromoform
Concen: 0.233 ug/L
RT: 10.295 min Scan# 2785
Delta R.T. 0.000 min
Lab File: VU045794.D
Acq: 15 Nov 2021 16:10

Tgt Ion: 173 Resp: 727
Ion Ratio Lower Upper
173 100
175 44.8 37.8 56.6
254 0.0 7.3 10.9#

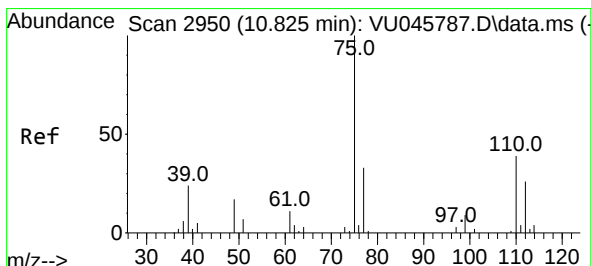
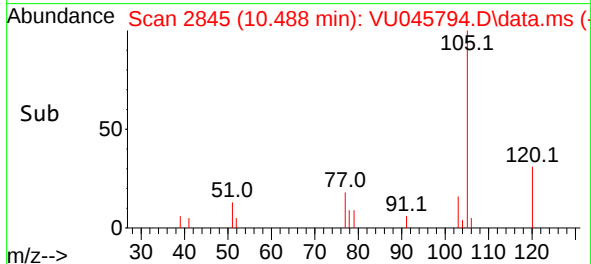
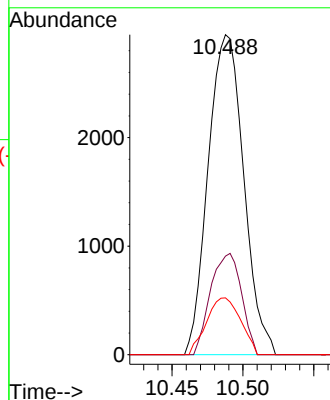
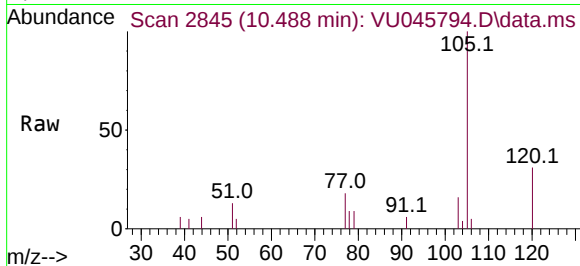




#60
Isopropylbenzene
Concen: 0.186 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. 0.000 min
Lab File: VU045794.D
Acq: 15 Nov 2021 16:10

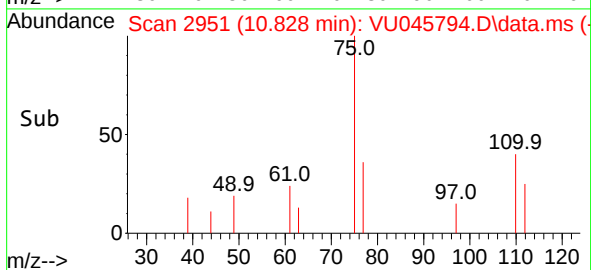
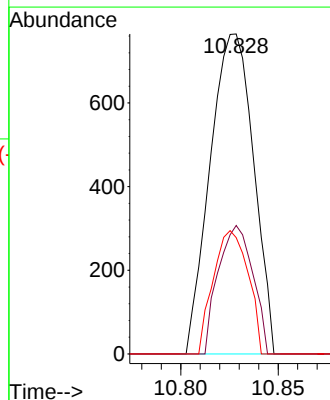
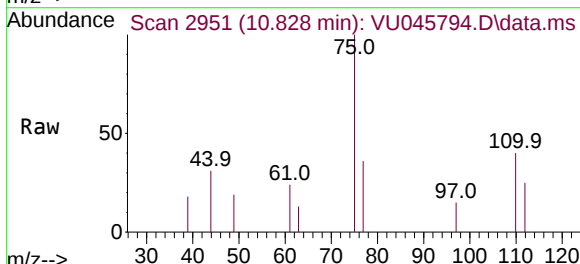
Instrument :
MSVOA_U
ClientSampleId :
MDL03

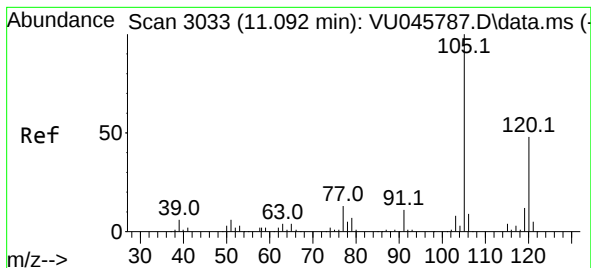
Tgt Ion:105 Resp: 5144
Ion Ratio Lower Upper
105 100
120 27.6 20.7 31.1
77 17.0 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 0.243 ug/L
RT: 10.828 min Scan# 2951
Delta R.T. 0.003 min
Lab File: VU045794.D
Acq: 15 Nov 2021 16:10

Tgt Ion: 75 Resp: 1188
Ion Ratio Lower Upper
75 100
110 31.8 29.9 44.9
77 30.8 25.5 38.3





#62

1,3,5-Trimethylbenzene

Concen: 0.180 ug/L

RT: 11.092 min Scan# 3033

Delta R.T. 0.000 min

Lab File: VU045794.D

Acq: 15 Nov 2021 16:10

Instrument :

MSVOA_U

ClientSampleId :

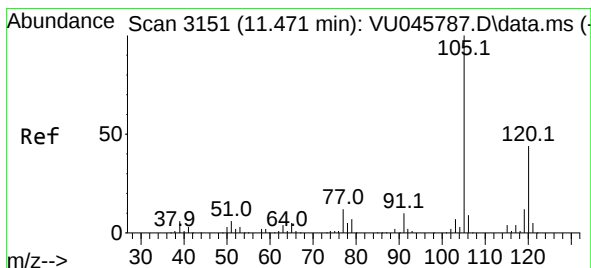
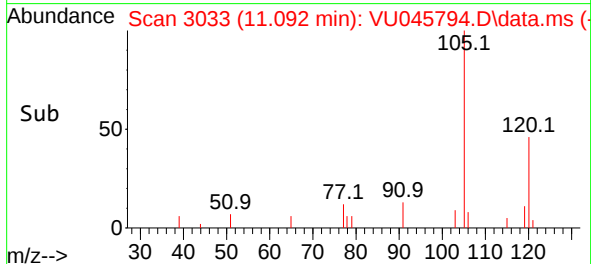
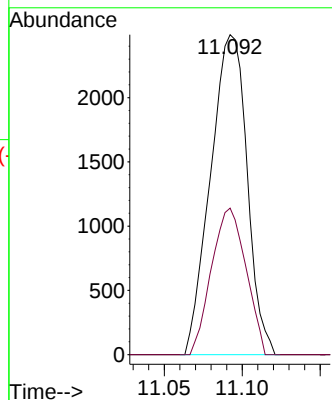
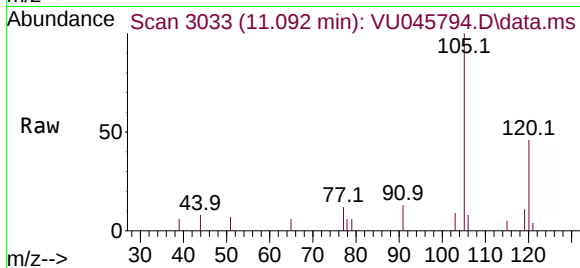
MDL03

Tgt Ion:105 Resp: 4055

Ion Ratio Lower Upper

105 100

120 43.2 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 0.173 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. -0.003 min

Lab File: VU045794.D

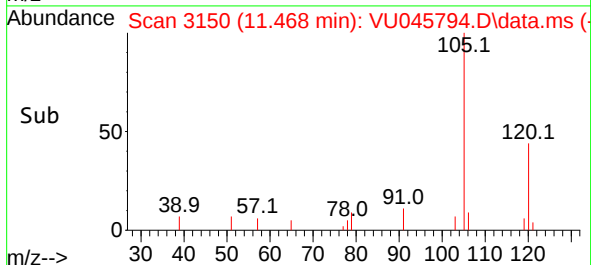
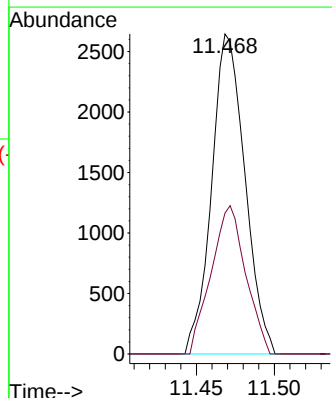
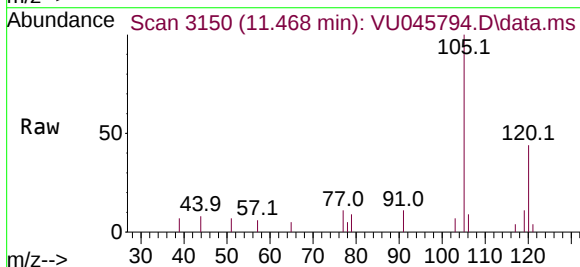
Acq: 15 Nov 2021 16:10

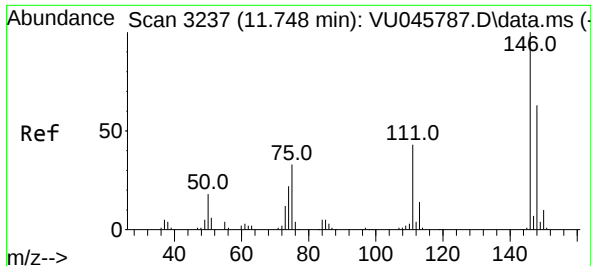
Tgt Ion:105 Resp: 3923

Ion Ratio Lower Upper

105 100

120 48.0 35.8 53.8

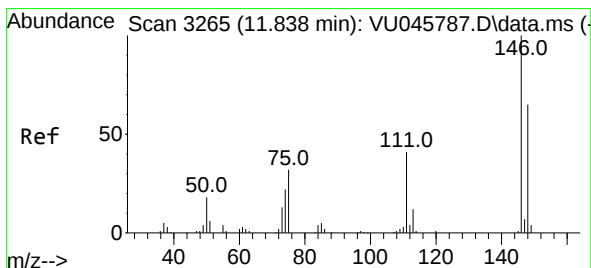
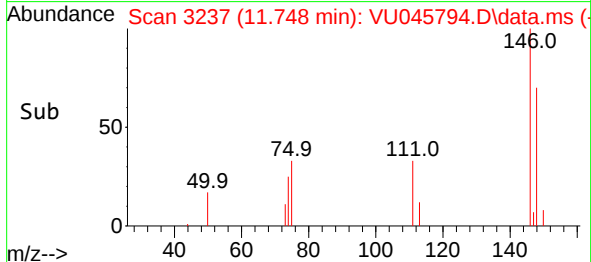
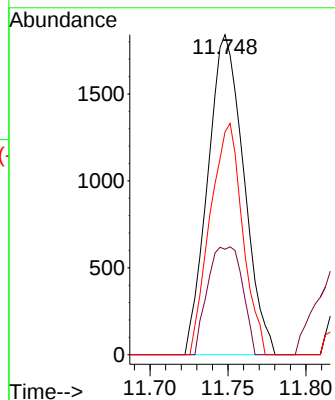
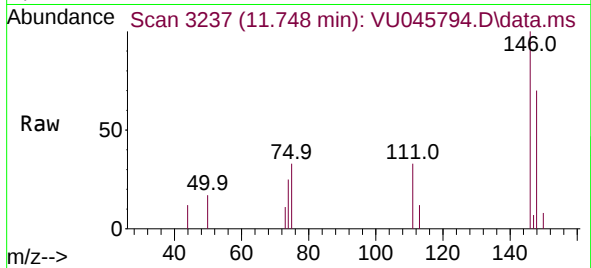




#64
1,3-Dichlorobenzene
Concen: 0.229 ug/L
RT: 11.748 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU045794.D
Acq: 15 Nov 2021 16:10

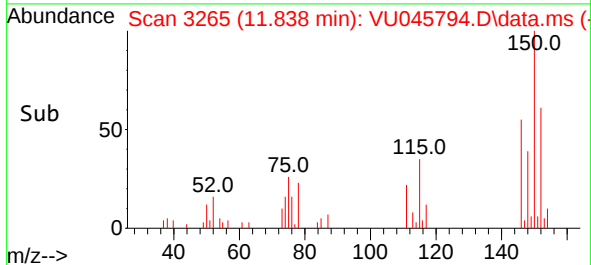
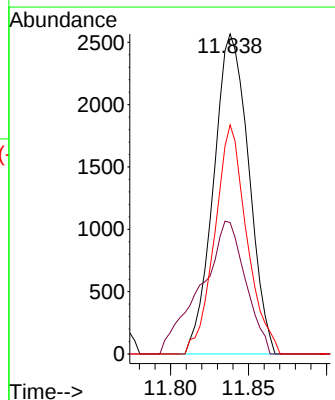
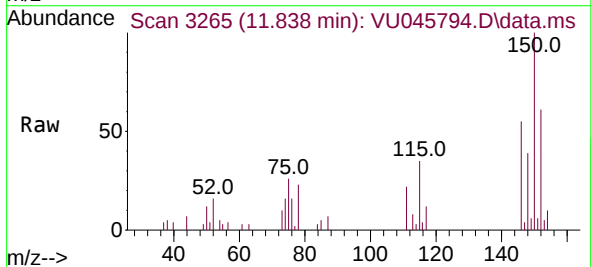
Instrument :
MSVOA_U
ClientSampleId :
MDL03

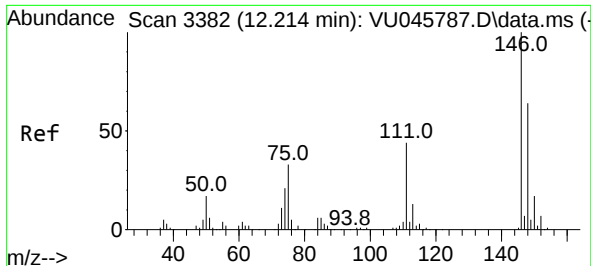
Tgt Ion:146 Resp: 2950
Ion Ratio Lower Upper
146 100
111 33.0 29.9 55.5
148 69.6 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 0.307 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU045794.D
Acq: 15 Nov 2021 16:10

Tgt Ion:146 Resp: 4018
Ion Ratio Lower Upper
146 100
111 41.1 28.7 53.3
148 71.6 45.8 85.0





#67

1,2-Dichlorobenzene

Concen: 0.241 ug/L

RT: 12.214 min Scan# 3382

Delta R.T. 0.000 min

Lab File: VU045794.D

Acq: 15 Nov 2021 16:10

Instrument :

MSVOA_U

ClientSampleId :

MDL03

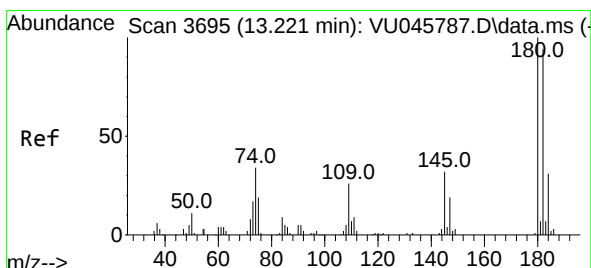
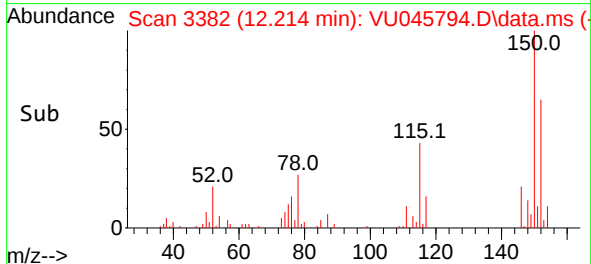
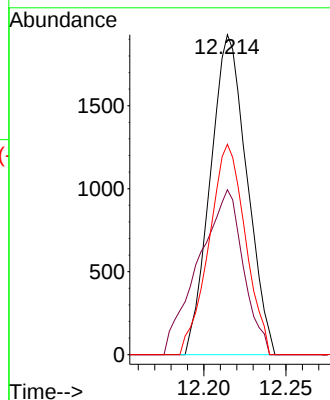
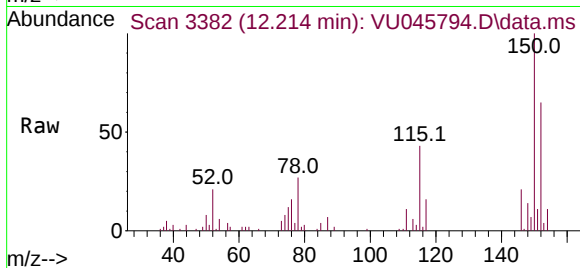
Tgt Ion:146 Resp: 2975

Ion Ratio Lower Upper

146 100

111 51.6 35.4 53.0

148 65.8 51.1 76.7



#69

1,3,5-Trichlorobenzene

Concen: 0.203 ug/L

RT: 13.224 min Scan# 3696

Delta R.T. 0.003 min

Lab File: VU045794.D

Acq: 15 Nov 2021 16:10

Tgt Ion:180 Resp: 1959

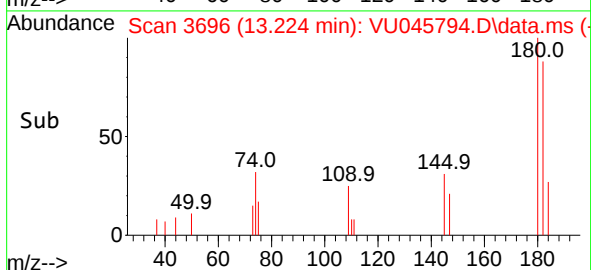
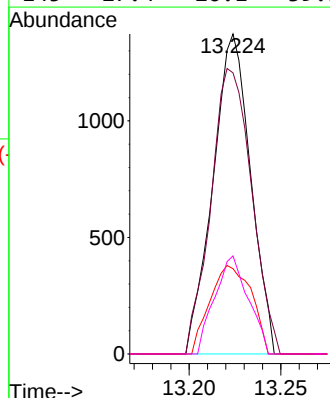
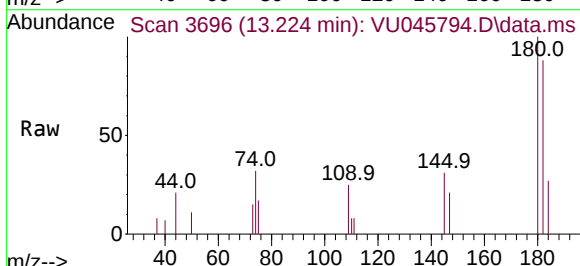
Ion Ratio Lower Upper

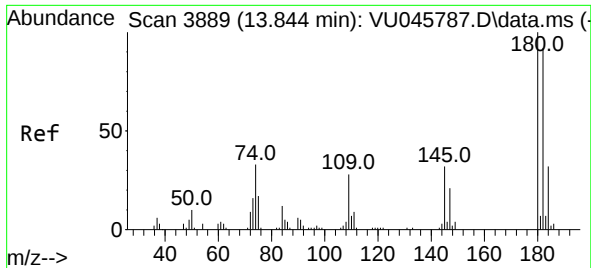
180 100

182 96.5 76.1 114.1

184 30.5 25.0 37.4

145 27.4 26.1 39.1

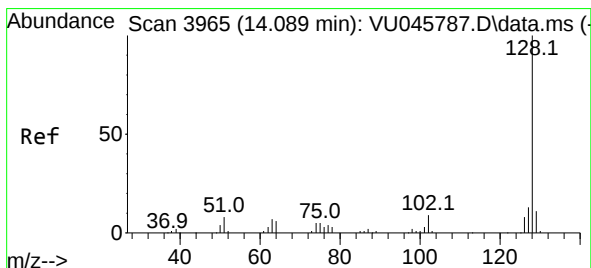
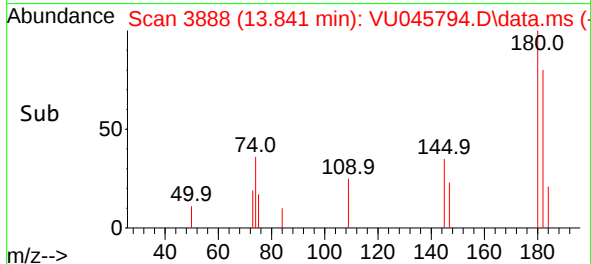
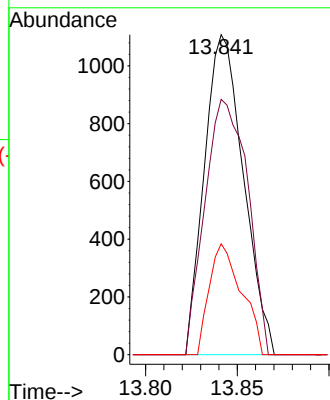
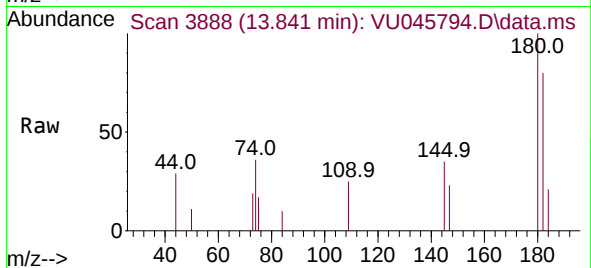




#70
1,2,4-trichlorobenzene
Concen: 0.201 ug/L
RT: 13.841 min Scan# 3889
Delta R.T. -0.003 min
Lab File: VU045794.D
Acq: 15 Nov 2021 16:10

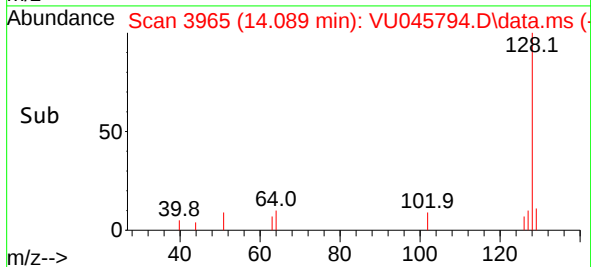
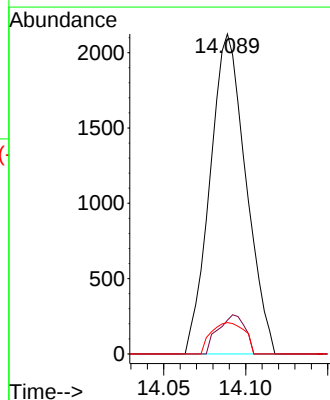
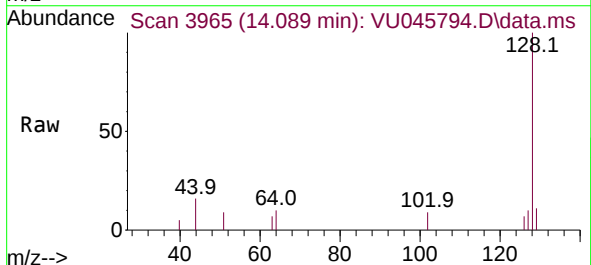
Instrument :
MSVOA_U
ClientSampleId :
MDL03

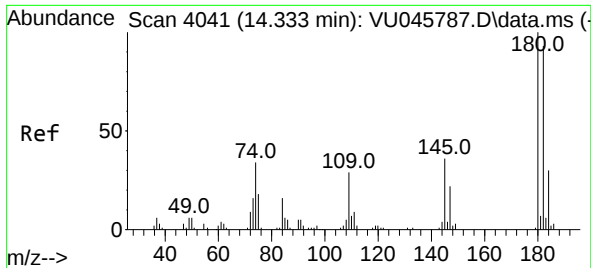
Tgt Ion:180 Resp: 1641
Ion Ratio Lower Upper
180 100
182 87.3 76.4 114.6
145 28.7 25.6 38.4



#71
Naphthalene
Concen: 0.192 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. 0.000 min
Lab File: VU045794.D
Acq: 15 Nov 2021 16:10

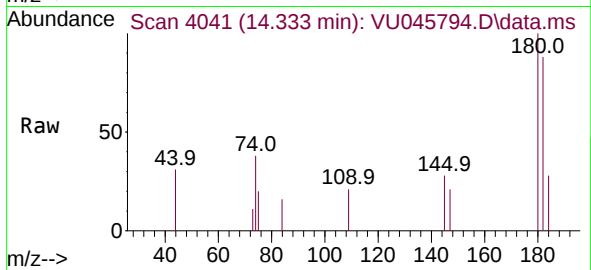
Tgt Ion:128 Resp: 3223
Ion Ratio Lower Upper
128 100
129 9.2 8.4 12.6
127 9.1 10.2 15.2#





#72
 1,2,3-Trichlorobenzene
 Concen: 0.213 ug/L
 RT: 14.333 min Scan# 4041
 Delta R.T. 0.000 min
 Lab File: VU045794.D
 Acq: 15 Nov 2021 16:10

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL03



Tgt Ion:180 Resp: 1729
 Ion Ratio Lower Upper
 180 100
 182 83.9 76.2 114.4
 145 27.9 28.4 42.6#

