

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111521\
 Data File : VU045796.D
 Acq On : 15 Nov 2021 17:00
 Operator : SY/MD
 Sample : MDL05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL05

Quant Time: Nov 16 03:12:02 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	103763	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	104318	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	46868	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	36097	4.391	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.800%
7) Chloroethane-d5	1.919	69	27851	4.654	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.000%
11) 1,1-Dichloroethene-d2	2.571	65	15202	4.409	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.200%
20) 2-Butanone-d5	4.652	46	113617	51.571	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.140%
24) Chloroform-d	5.070	84	63953	4.669	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
26) 1,2-Dichloroethane-d4	5.706	65	38370	4.775	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.400%
32) Benzene-d6	5.732	84	133381	4.643	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
36) 1,2-Dichloropropane-d6	6.694	67	42748	4.721	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.400%
41) Toluene-d8	7.899	98	113722	4.376	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.600%
43) trans-1,3-Dichloroprop...	8.182	79	17409	4.737	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.800%
46) 2-Hexanone-d5	8.636	63	84517	51.089	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.180%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	39013	5.100	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	42556	5.288	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	1450	0.172	ug/L	97
3) Chloromethane	1.523	50	3591	0.401	ug/L	96
5) Vinyl chloride	1.607	62	1833	0.204	ug/L #	35
6) Bromomethane	1.861	94	1124	0.211	ug/L	94
8) Chloroethane	1.938	64	1096	0.214	ug/L	95
9) Trichlorofluoromethane	2.144	101	2209	0.190	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	1589	0.234	ug/L #	75
12) 1,1-Dichloroethene	2.584	96	1566	0.244	ug/L #	1
13) Acetone	2.684	43	5057	3.900	ug/L	41
14) Carbon disulfide	2.800	76	3918	0.193	ug/L	97
16) Methylene chloride	3.051	84	3427	0.361	ug/L	92
17) Methyl tert-butyl Ether	3.372	73	3339	0.200	ug/L #	90
18) trans-1,2-Dichloroethene	3.359	96	1301	0.189	ug/L	89
19) 1,1-Dichloroethane	3.877	63	2484	0.193	ug/L #	84
21) 2-Butanone	4.732	43	3862	1.770	ug/L #	68
22) cis-1,2-Dichloroethene	4.671	96	1486	0.199	ug/L	86
23) Bromochloromethane	4.980	128	680	0.209	ug/L	96
25) Chloroform	5.092	83	6990	0.500	ug/L	100
27) 1,2-Dichloroethane	5.800	62	1909	0.214	ug/L	96

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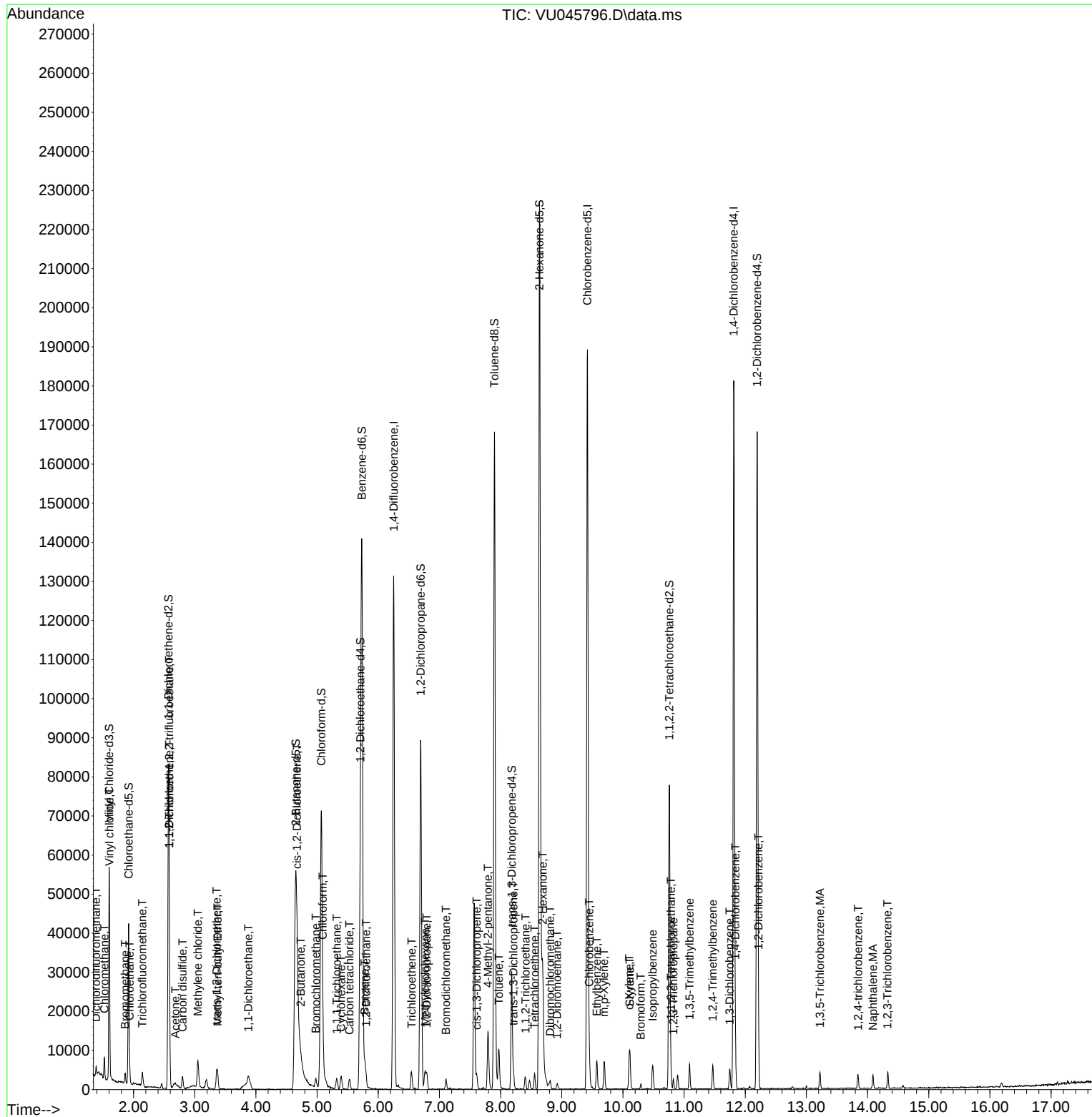
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) 1,1,1-Trichloroethane	5.321	97	2236	0.197	ug/L	98
30) Cyclohexane	5.395	56	1755	0.156	ug/L	98
31) Carbon tetrachloride	5.526	117	1779	0.187	ug/L	100
33) Benzene	5.777	78	6104	0.210	ug/L	100
34) Trichloroethene	6.546	95	1474	0.196	ug/L	95
35) Methylcyclohexane	6.767	83	1816	0.158	ug/L	95
37) 1,2-Dichloropropane	6.793	63	1522	0.199	ug/L #	88
38) Bromodichloromethane	7.108	83	1910	0.202	ug/L #	92
39) cis-1,3-Dichloropropene	7.610	75	2332	0.214	ug/L	88
40) 4-Methyl-2-pentanone	7.793	43	10547	2.099	ug/L #	88
42) Toluene	7.973	91	7849	0.261	ug/L	94
44) trans-1,3-Dichloropropene	8.211	75	1909	0.202	ug/L	95
45) 1,1,2-Trichloroethane	8.407	97	1156	0.203	ug/L #	85
47) Tetrachloroethene	8.555	164	830	0.158	ug/L	88
48) 2-Hexanone	8.690	43	16549	4.559	ug/L	96
49) Dibromochloromethane	8.812	129	1282	0.198	ug/L	97
50) 1,2-Dibromoethane	8.925	107	1126	0.210	ug/L #	94
51) Chlorobenzene	9.449	112	3834	0.203	ug/L	93
52) Ethylbenzene	9.574	91	5945	0.189	ug/L	97
53) m,p-Xylene	9.693	106	2142	0.178	ug/L	94
54) o-Xylene	10.102	106	2169	0.187	ug/L	95
55) Styrene	10.115	104	3144	0.161	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.787	83	1587	0.218	ug/L #	86
59) Bromoform	10.291	173	670	0.216	ug/L #	80
60) Isopropylbenzene	10.488	105	4856	0.176	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	1253	0.258	ug/L #	89
62) 1,3,5-Trimethylbenzene	11.089	105	3789	0.168	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	3830	0.170	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	2380	0.185	ug/L	95
65) 1,4-Dichlorobenzene	11.838	146	3542	0.272	ug/L	95
67) 1,2-Dichlorobenzene	12.217	146	2808	0.228	ug/L	93
69) 1,3,5-Trichlorobenzene	13.221	180	1517	0.158	ug/L	95
70) 1,2,4-trichlorobenzene	13.844	180	1442	0.177	ug/L	94
71) Naphthalene	14.089	128	3234	0.194	ug/L #	91
72) 1,2,3-Trichlorobenzene	14.327	180	1387	0.172	ug/L	98

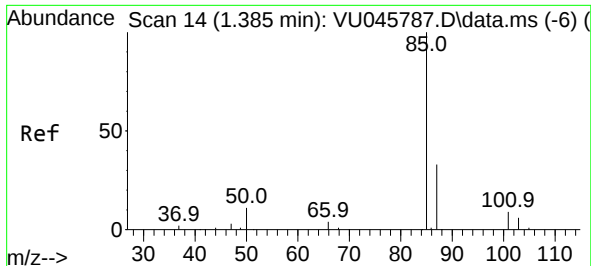
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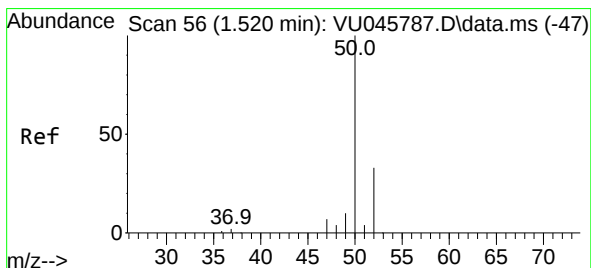
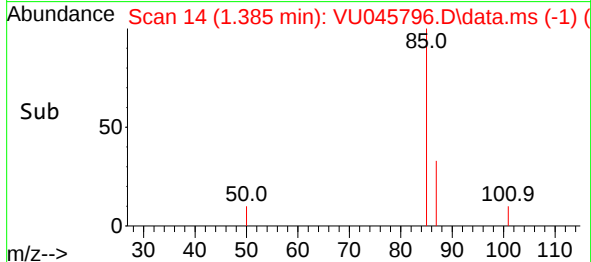
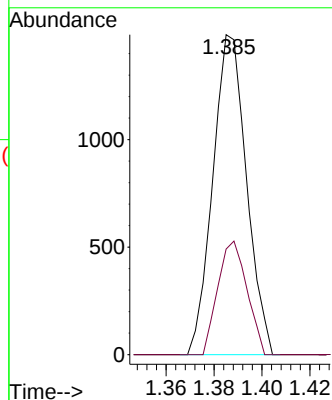
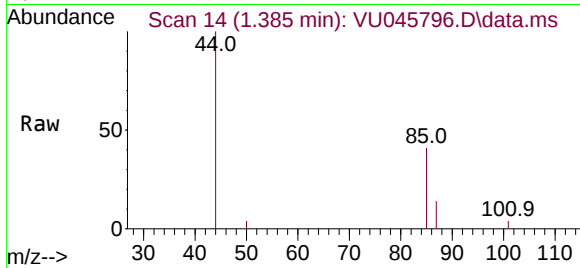




#2
Dichlorodifluoromethane
Concen: 0.172 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU045796.D
Acq: 15 Nov 2021 17:00

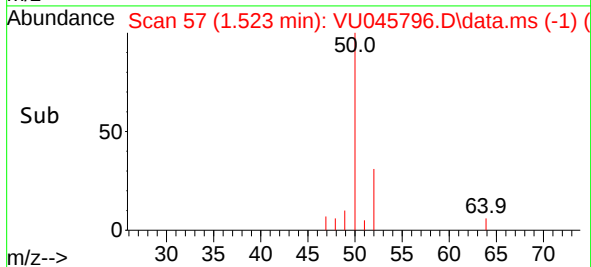
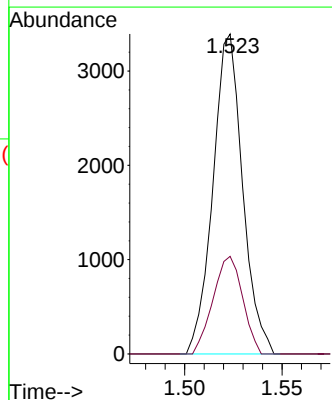
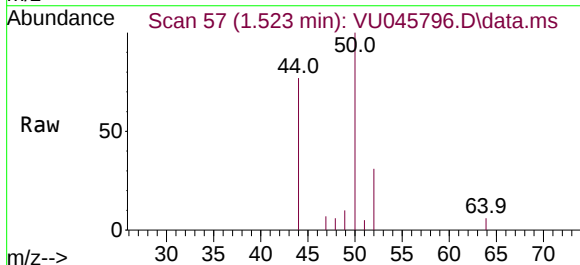
Instrument :
MSVOA_U
ClientSampleId :
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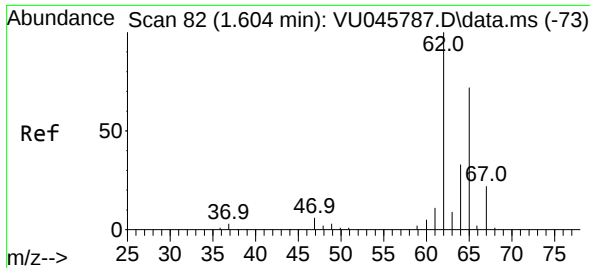
Tgt Ion: 85 Resp: 1450
Ion Ratio Lower Upper
85 100
87 30.6 25.8 38.6



#3
Chloromethane
Concen: 0.401 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU045796.D
Acq: 15 Nov 2021 17:00

Tgt Ion: 50 Resp: 3591
Ion Ratio Lower Upper
50 100
52 30.5 23.0 42.8

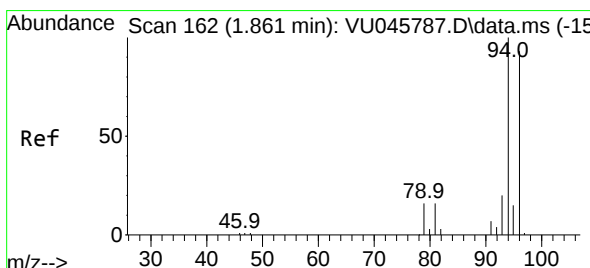
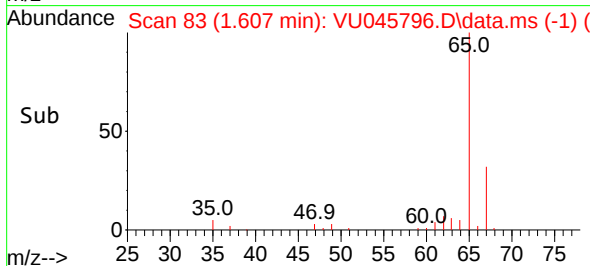
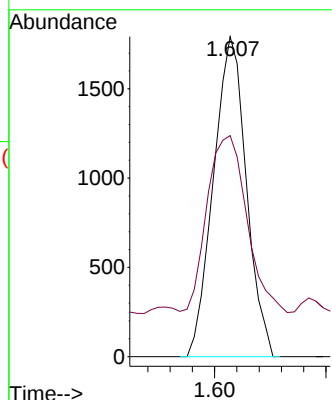
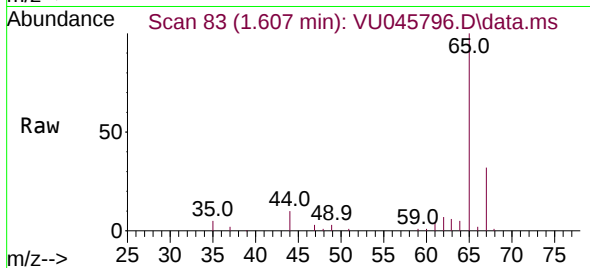




#5
 Vinyl chloride
 Concen: 0.204 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VU045796.D
 Acq: 15 Nov 2021 17:00

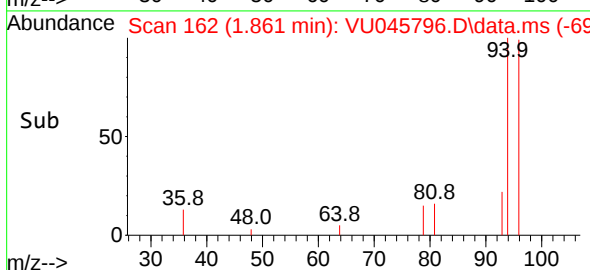
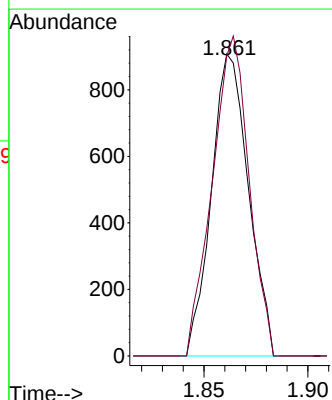
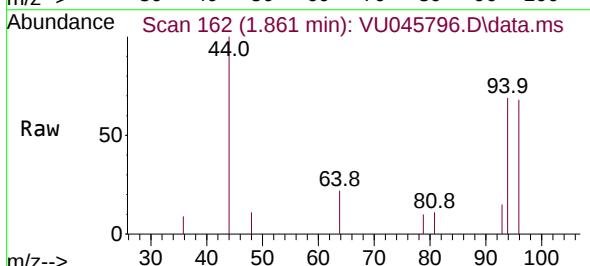
Instrument :
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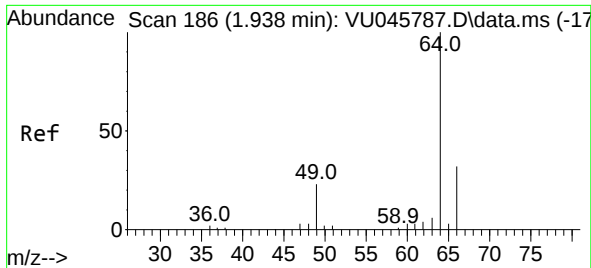
Tgt Ion: 62 Resp: 1833
 Ion Ratio Lower Upper
 62 100
 64 69.1 22.9 42.5#



#6
 Bromomethane
 Concen: 0.211 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. 0.000 min
 Lab File: VU045796.D
 Acq: 15 Nov 2021 17:00

Tgt Ion: 94 Resp: 1124
 Ion Ratio Lower Upper
 94 100
 96 99.3 65.5 121.6

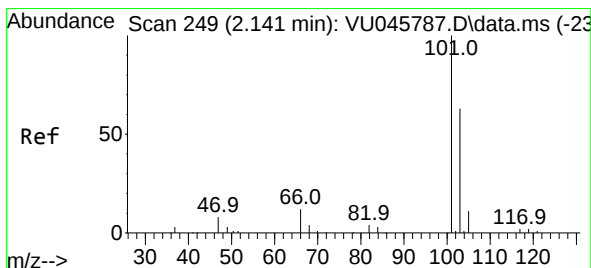
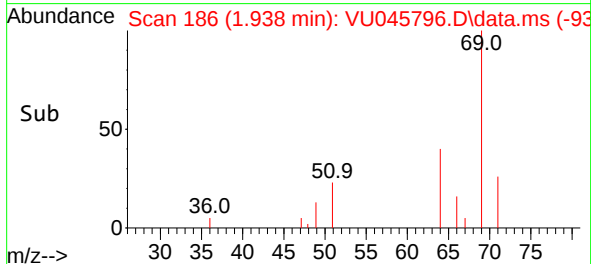
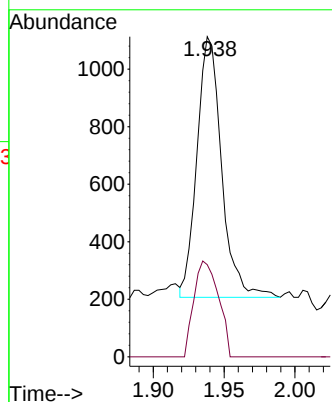
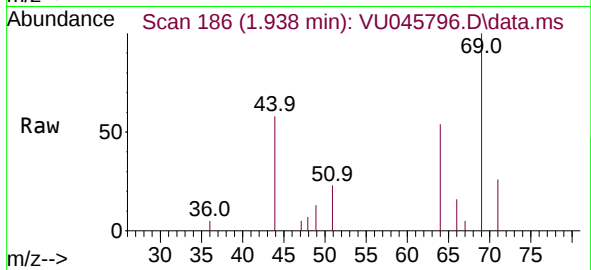




#8
Chloroethane
Concen: 0.214 ug/L
RT: 1.938 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045796.D
Acq: 15 Nov 2021 17:00

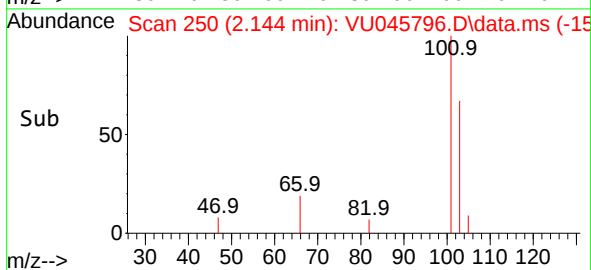
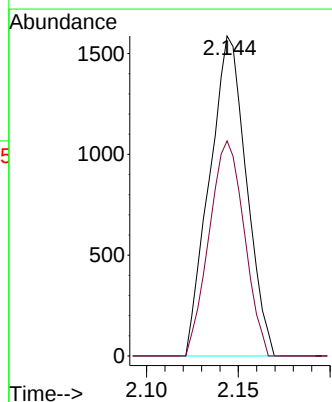
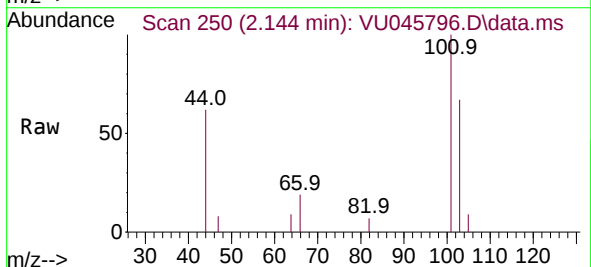
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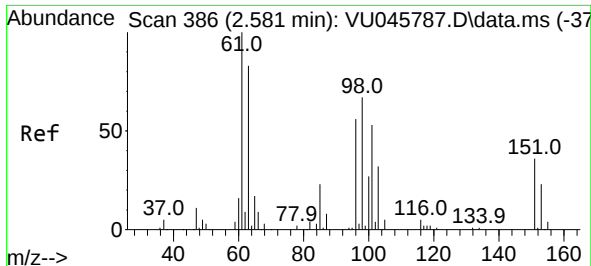
Tgt Ion: 64 Resp: 1096
Ion Ratio Lower Upper
64 100
66 28.8 22.1 41.1



#9
Trichlorofluoromethane
Concen: 0.190 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.003 min
Lab File: VU045796.D
Acq: 15 Nov 2021 17:00

Tgt Ion:101 Resp: 2209
Ion Ratio Lower Upper
101 100
103 64.2 51.5 77.3

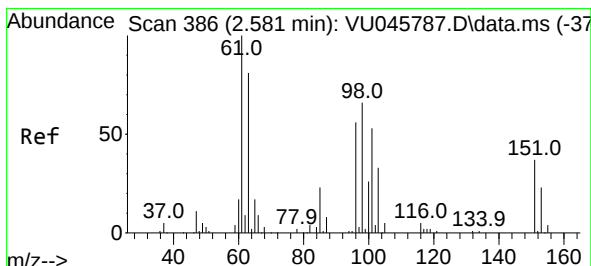
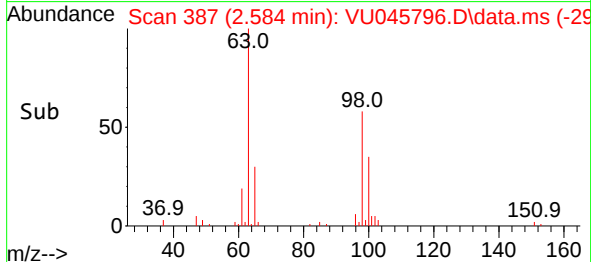
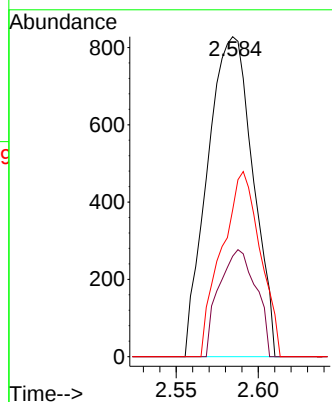
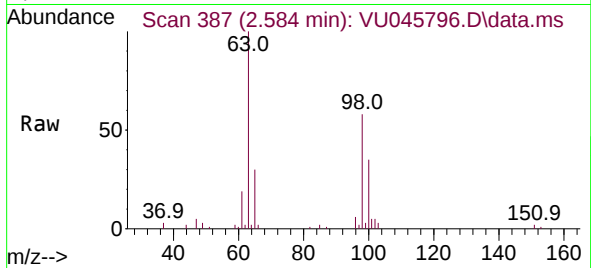




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.234 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. 0.003 min
 Lab File: VU045796.D
 Acq: 15 Nov 2021 17:00

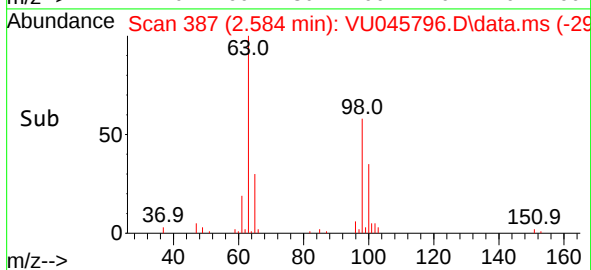
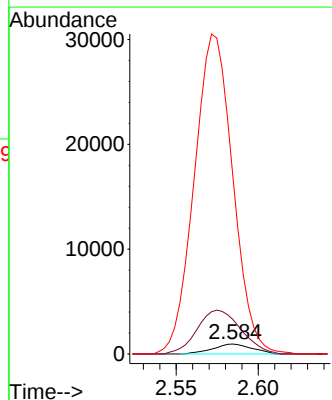
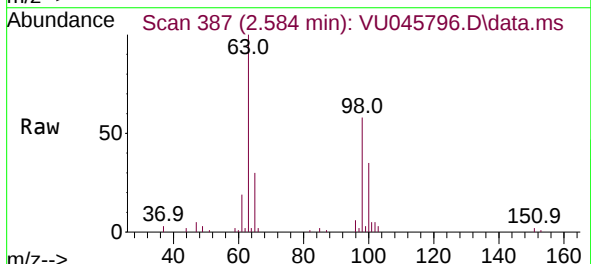
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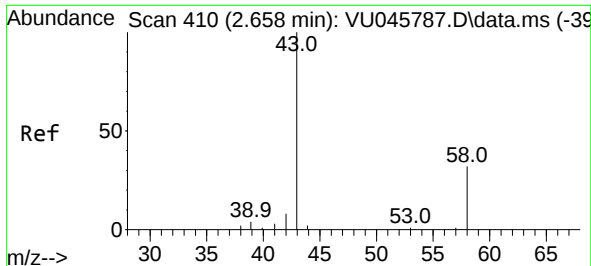
Tgt Ion:101 Resp: 1589
 Ion Ratio Lower Upper
 101 100
 85 27.1 34.6 51.8#
 151 49.3 56.1 84.1#



#12
 1,1-Dichloroethene
 Concen: 0.244 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. 0.003 min
 Lab File: VU045796.D
 Acq: 15 Nov 2021 17:00

Tgt Ion: 96 Resp: 1566
 Ion Ratio Lower Upper
 96 100
 61 348.7 124.7 231.5#
 63 1805.5 105.2 195.4#





#13

Acetone

Concen: 3.900 ug/L

RT: 2.684 min Scan# 41

Delta R.T. 0.026 min

Lab File: VU045796.D

Acq: 15 Nov 2021 17:00

Instrument :

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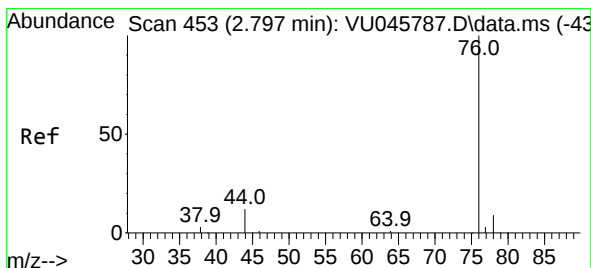
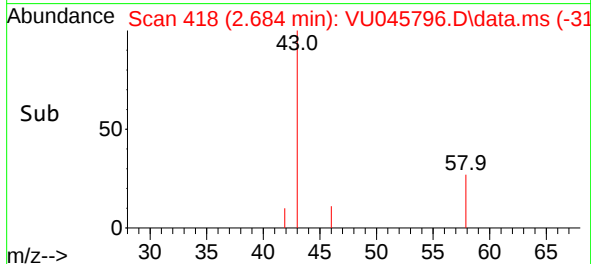
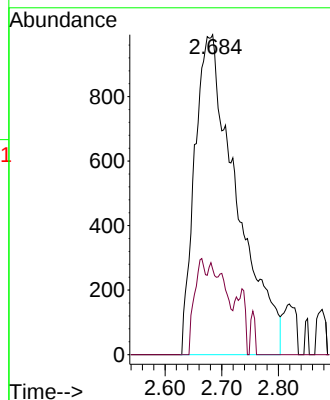
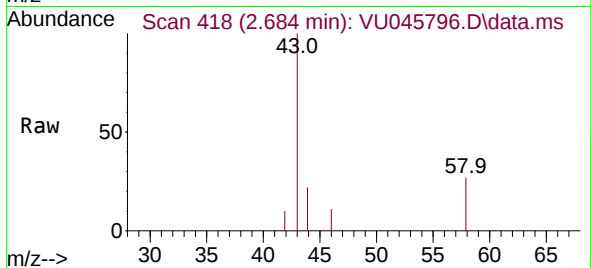
MDL05

Tgt Ion: 43 Resp: 5057

Ion Ratio Lower Upper

43 100

58 1.1 0.0 71.6



#14

Carbon disulfide

Concen: 0.193 ug/L

RT: 2.800 min Scan# 454

Delta R.T. 0.003 min

Lab File: VU045796.D

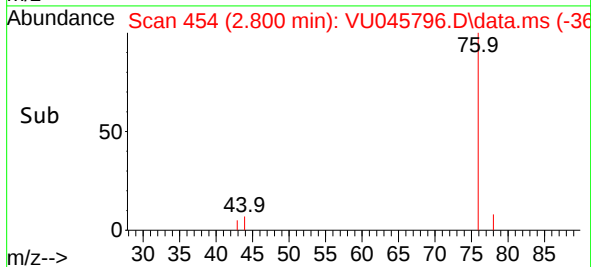
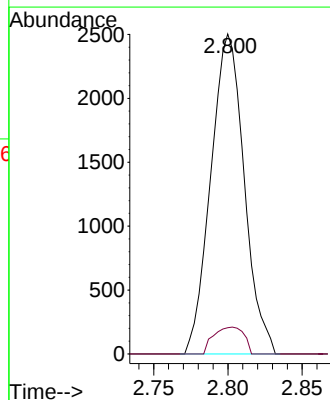
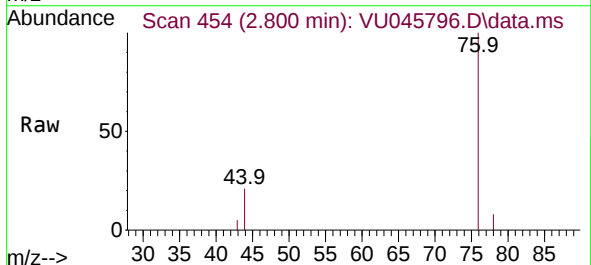
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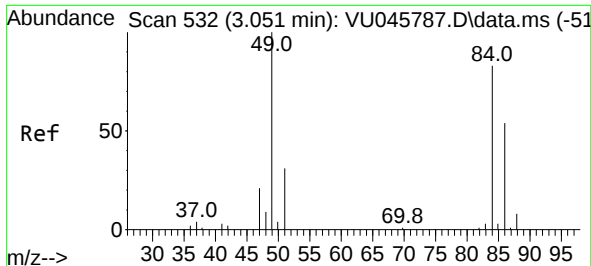
Tgt Ion: 76 Resp: 3918

Ion Ratio Lower Upper

76 100

78 8.2 7.5 11.3

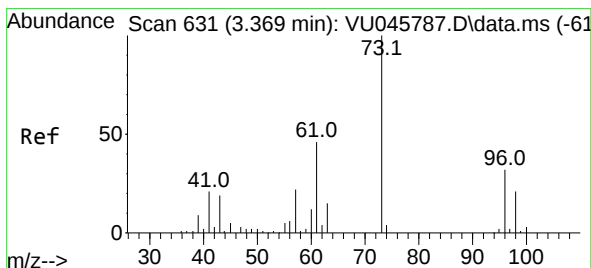
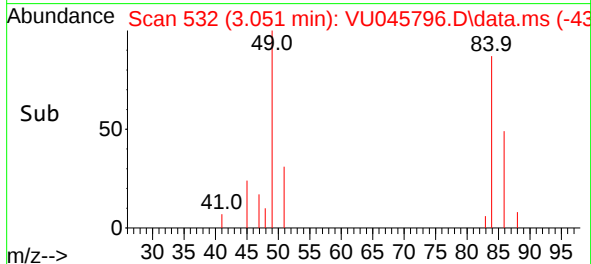
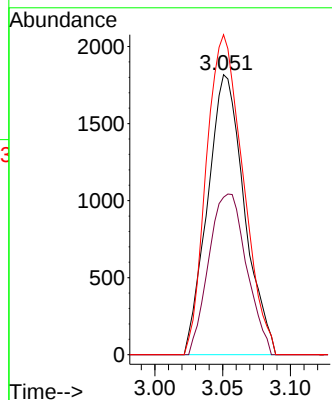
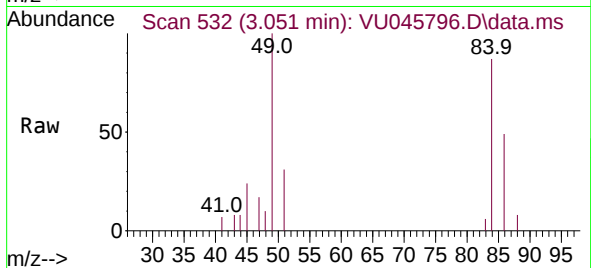




#16
Methylene chloride
Concen: 0.361 ug/L
RT: 3.051 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU045796.D
Acq: 15 Nov 2021 17:00

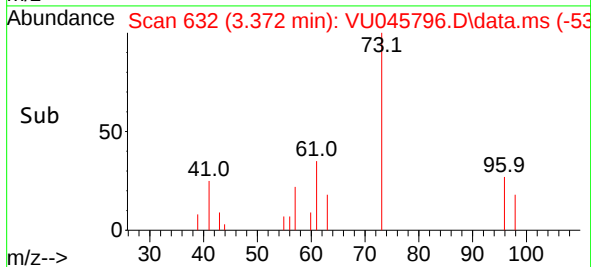
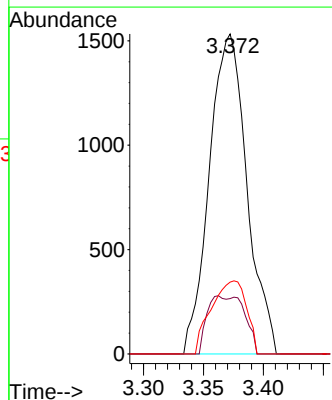
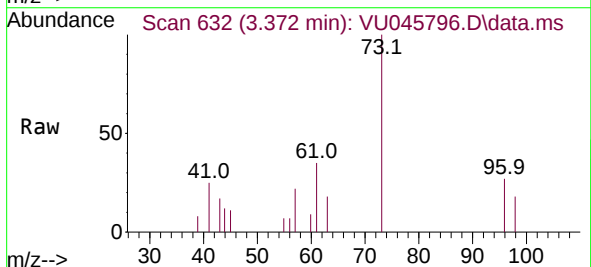
Instrument :
MSVOA_U
ClientSampleId :
MDL05

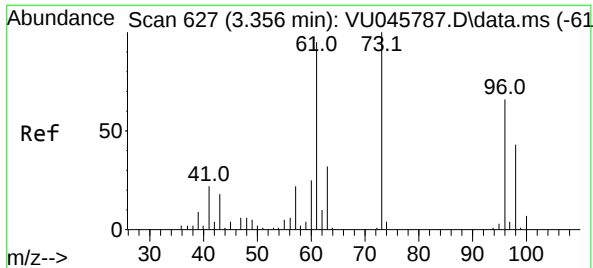
Tgt Ion:	84	Resp:	3427
Ion	Ratio	Lower	Upper
84	100		
86	56.2	45.8	85.0
49	114.3	84.5	156.9



#17
Methyl tert-butyl Ether
Concen: 0.200 ug/L
RT: 3.372 min Scan# 632
Delta R.T. 0.003 min
Lab File: VU045796.D
Acq: 15 Nov 2021 17:00

Tgt Ion:	73	Resp:	3339
Ion	Ratio	Lower	Upper
73	100		
43	9.5	14.8	22.2#
57	21.4	17.4	26.0

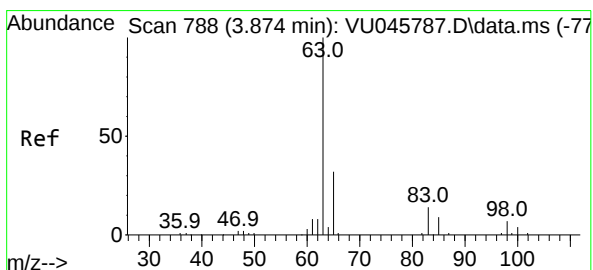
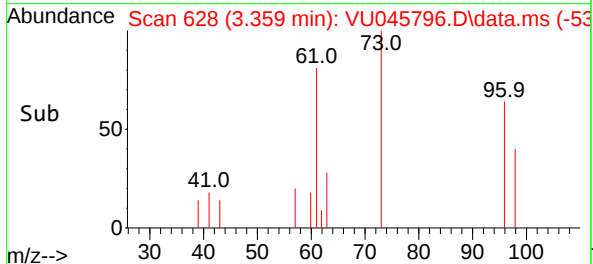
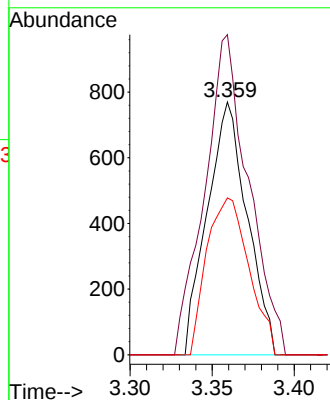
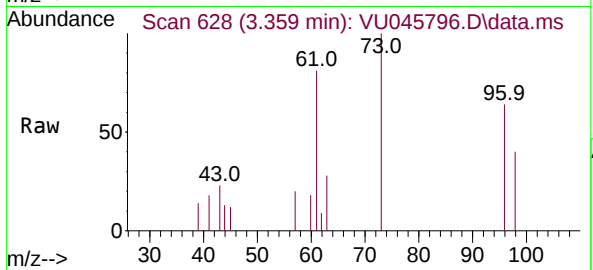




#18
trans-1,2-Dichloroethene
Concen: 0.189 ug/L
RT: 3.359 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU045796.D
Acq: 15 Nov 2021 17:00

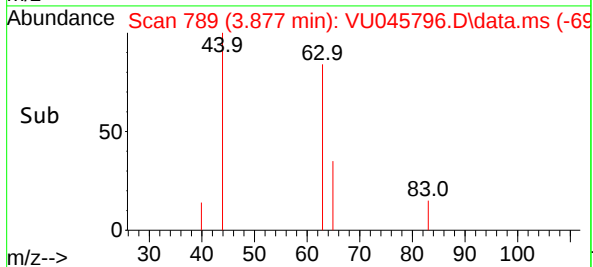
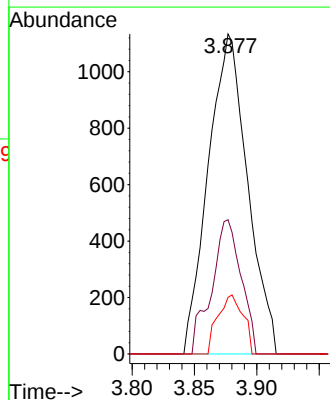
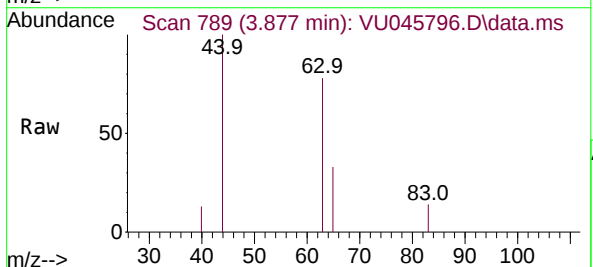
Instrument :
MSVOA_U
ClientSampleId :
MDL05

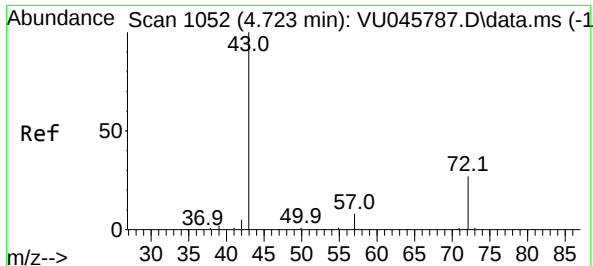
Tgt Ion: 96 Resp: 1301
Ion Ratio Lower Upper
96 100
61 126.6 100.8 187.2
98 62.1 45.1 83.7



#19
1,1-Dichloroethane
Concen: 0.193 ug/L
RT: 3.877 min Scan# 789
Delta R.T. 0.003 min
Lab File: VU045796.D
Acq: 15 Nov 2021 17:00

Tgt Ion: 63 Resp: 2484
Ion Ratio Lower Upper
63 100
65 42.0 22.3 41.5#
83 17.7 9.6 17.8





#21

2-Butanone

Concen: 1.770 ug/L

RT: 4.732 min Scan# 1055

Delta R.T. 0.010 min

Lab File: VU045796.D

Acq: 15 Nov 2021 17:00

Instrument :

MSVOA_U

ClientSampleId :

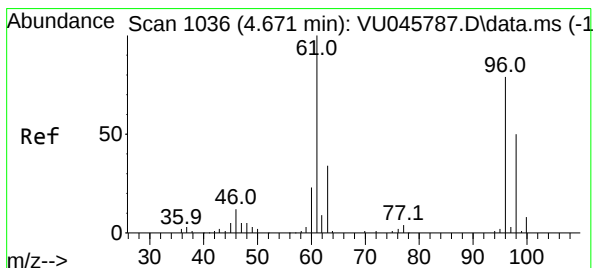
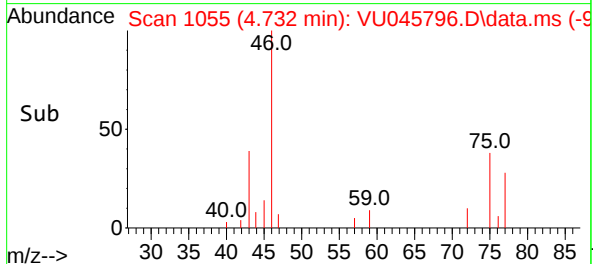
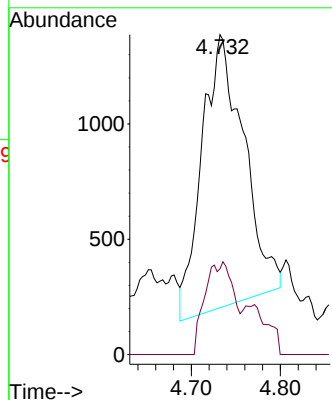
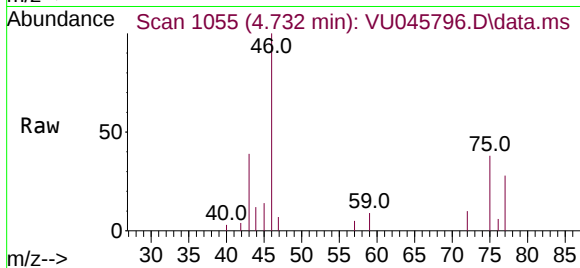
MDL05

Tgt Ion: 43 Resp: 3862

Ion Ratio Lower Upper

43 100

72 11.3 14.1 42.3#



#22

cis-1,2-Dichloroethene

Concen: 0.199 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VU045796.D

Acq: 15 Nov 2021 17:00

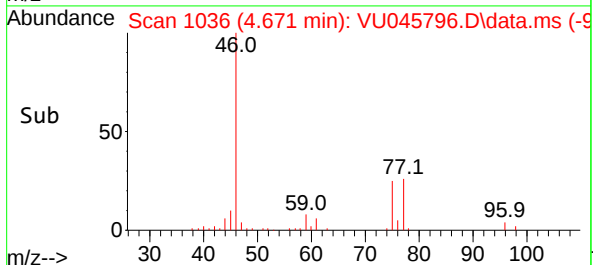
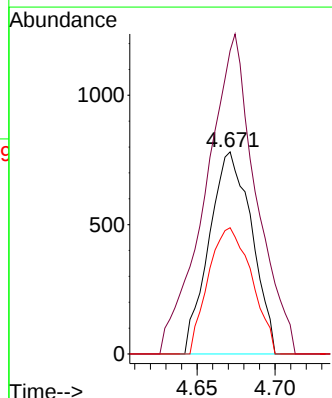
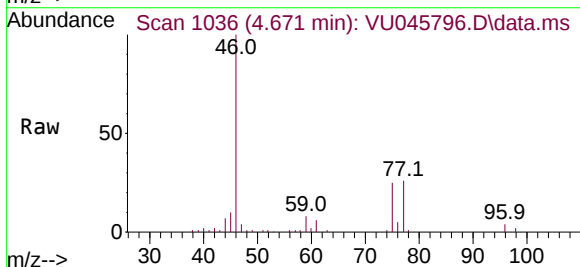
Tgt Ion: 96 Resp: 1486

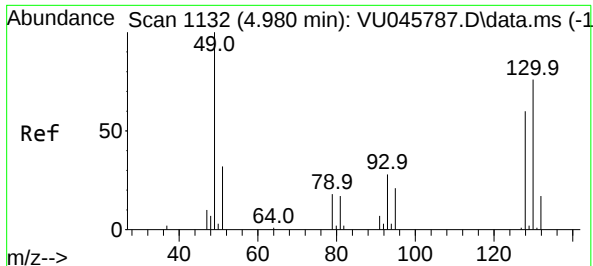
Ion Ratio Lower Upper

96 100

61 150.2 88.5 164.3

98 62.5 44.4 82.5





#23

Bromochloromethane

Concen: 0.209 ug/L

RT: 4.980 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VU045796.D

Acq: 15 Nov 2021 17:00

Instrument :

MSVOA_U

ClientSampleId :

MDL05

Tgt Ion:128 Resp: 680

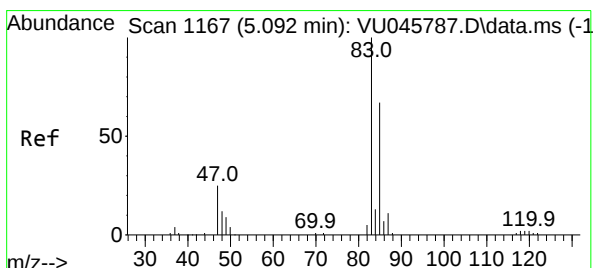
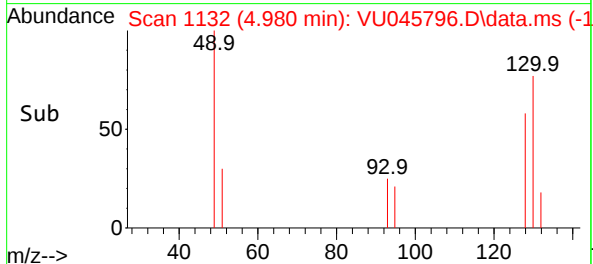
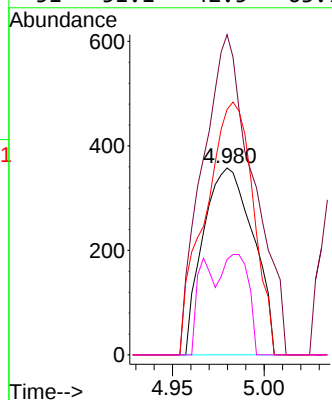
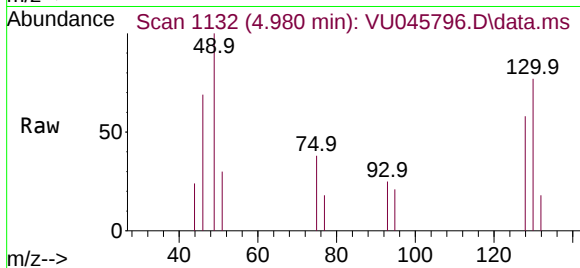
Ion Ratio Lower Upper

128 100

49 171.2 117.0 217.2

130 131.3 88.2 163.8

51 51.1 42.5 63.7



#25

Chloroform

Concen: 0.500 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VU045796.D

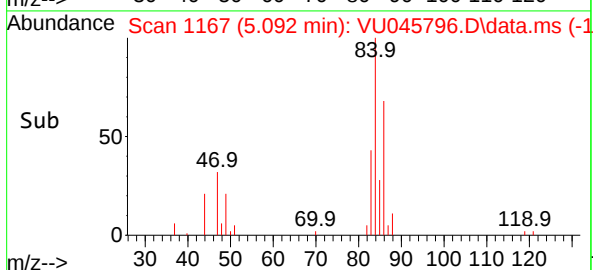
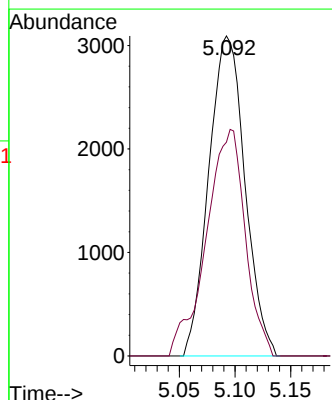
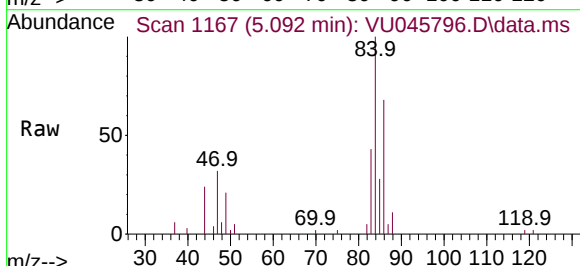
Acq: 15 Nov 2021 17:00

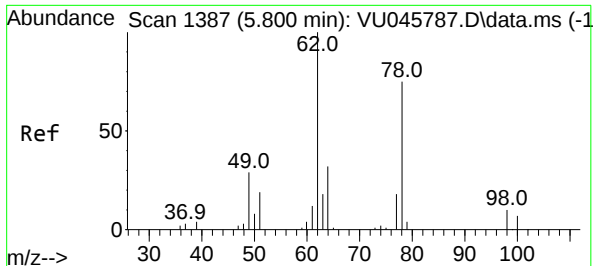
Tgt Ion: 83 Resp: 6990

Ion Ratio Lower Upper

83 100

85 66.8 46.9 87.1

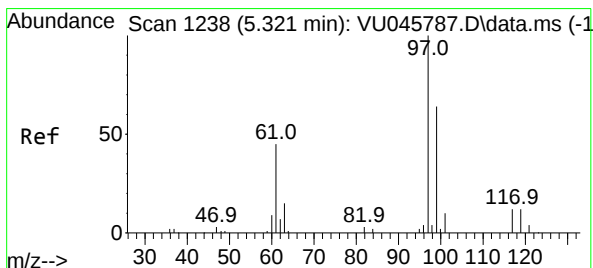
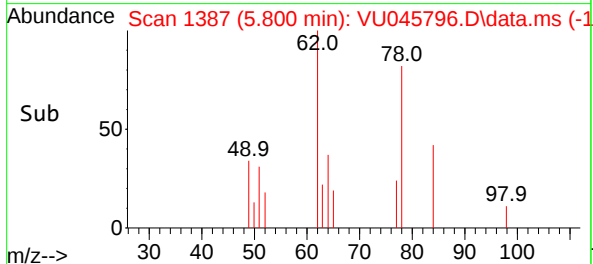
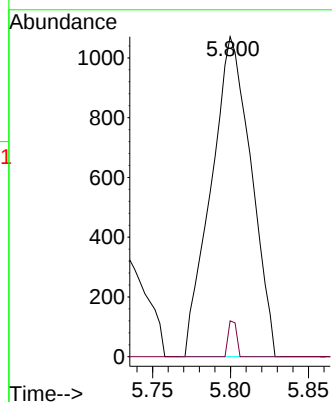
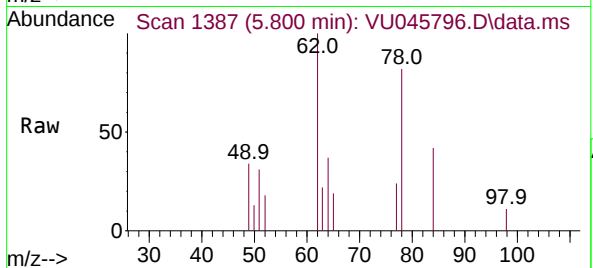




#27
1,2-Dichloroethane
Concen: 0.214 ug/L
RT: 5.800 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045796.D
Acq: 15 Nov 2021 17:00

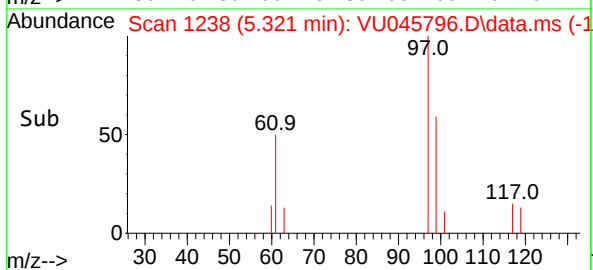
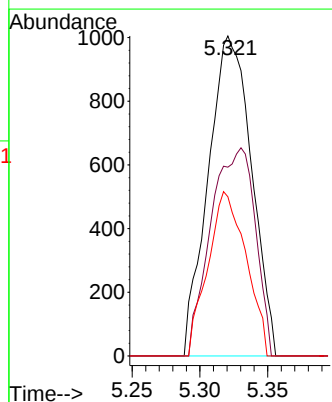
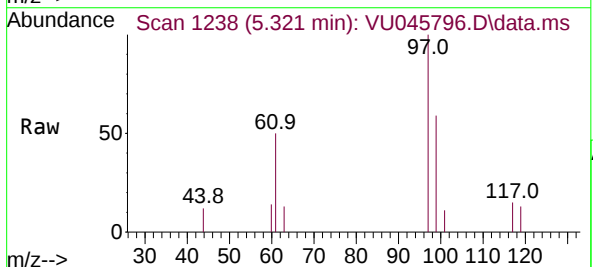
Instrument :
MSVOA_U
ClientSampleId :
MDL05

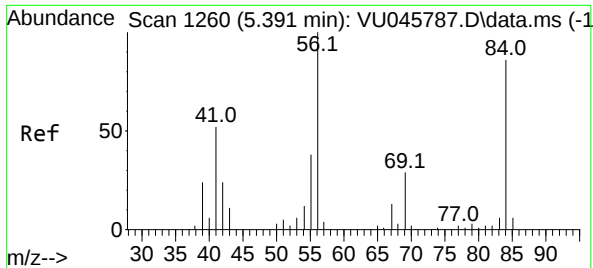
Tgt Ion: 62 Resp: 1909
Ion Ratio Lower Upper
62 100
98 11.2 7.8 11.8



#29
1,1,1-Trichloroethane
Concen: 0.197 ug/L
RT: 5.321 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VU045796.D
Acq: 15 Nov 2021 17:00

Tgt Ion: 97 Resp: 2236
Ion Ratio Lower Upper
97 100
99 66.6 51.3 76.9
61 45.2 36.1 54.1

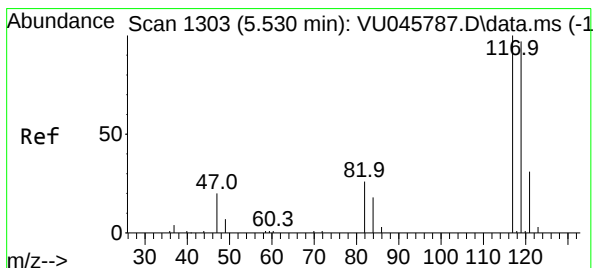
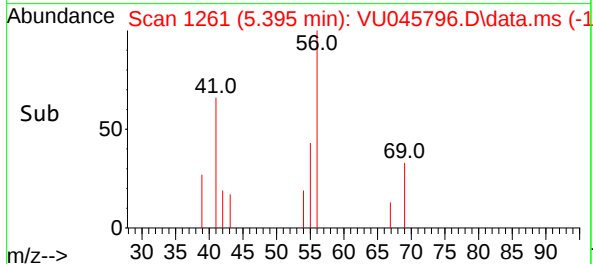
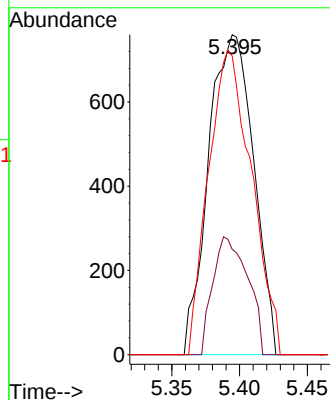
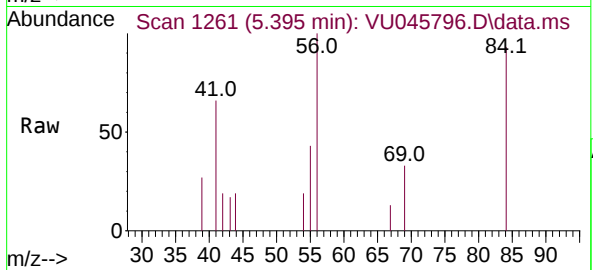




#30
Cyclohexane
Concen: 0.156 ug/L
RT: 5.395 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU045796.D
Acq: 15 Nov 2021 17:00

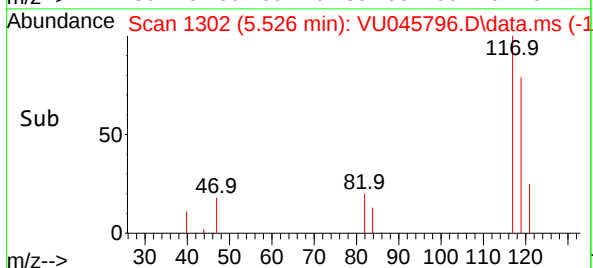
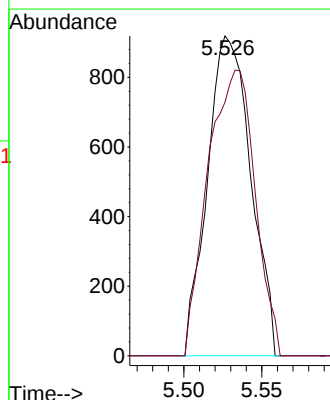
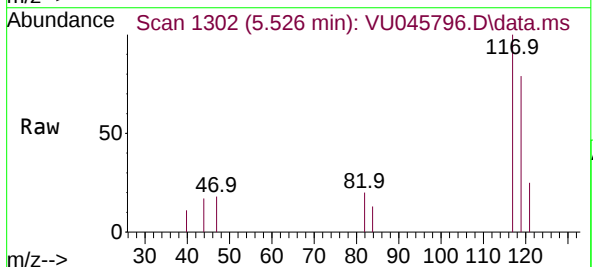
Instrument :
MSVOA_U
ClientSampleId :
MDL05

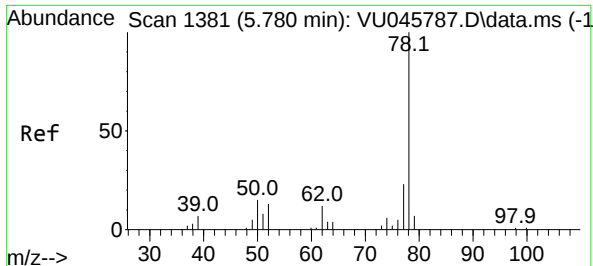
Tgt Ion: 56 Resp: 1755
Ion Ratio Lower Upper
56 100
69 28.4 24.7 37.1
84 90.9 71.8 107.6



#31
Carbon tetrachloride
Concen: 0.187 ug/L
RT: 5.526 min Scan# 1302
Delta R.T. -0.003 min
Lab File: VU045796.D
Acq: 15 Nov 2021 17:00

Tgt Ion: 117 Resp: 1779
Ion Ratio Lower Upper
117 100
119 97.2 77.5 116.3

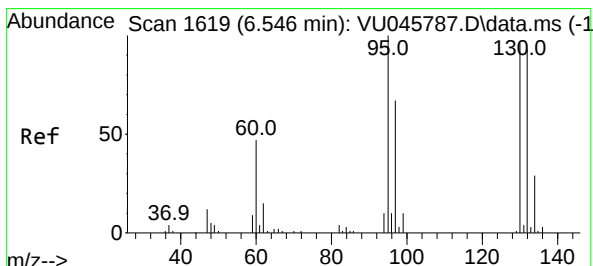
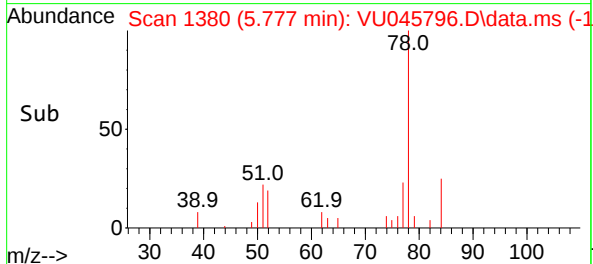
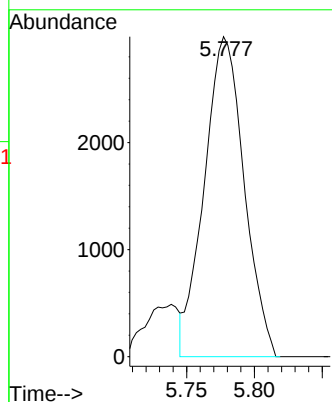
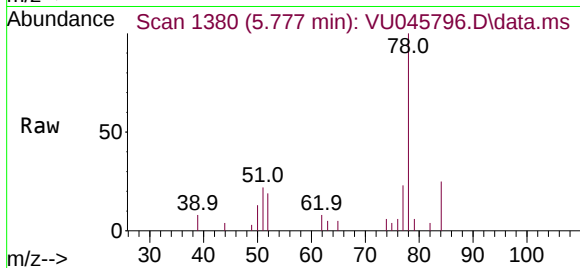




#33
Benzene
Concen: 0.210 ug/L
RT: 5.777 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU045796.D
Acq: 15 Nov 2021 17:00

Instrument :
MSVOA_U
ClientSampleId :
MDL05

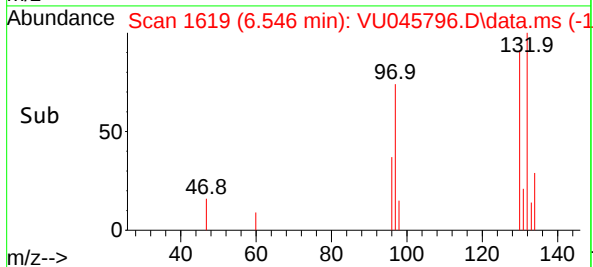
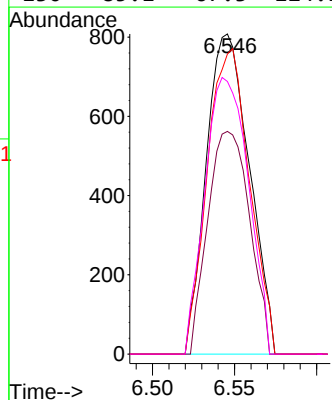
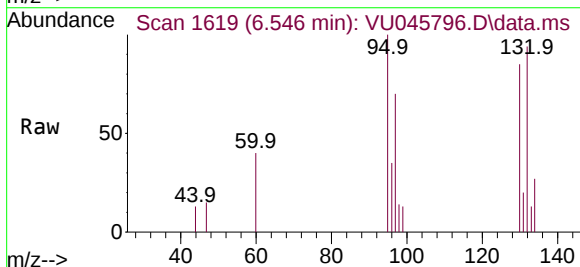
Tgt Ion: 78 Resp: 6104

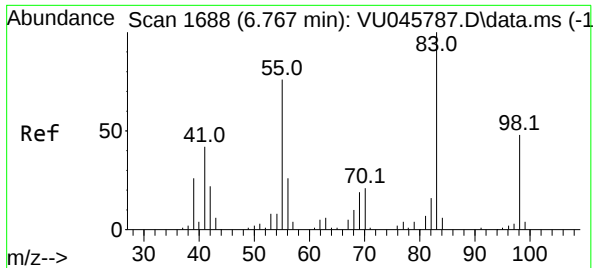


#34
Trichloroethene
Concen: 0.196 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU045796.D
Acq: 15 Nov 2021 17:00

Tgt Ion: 95 Resp: 1474

Ion	Ratio	Lower	Upper
95	100		
97	69.6	46.5	86.5
132	93.7	65.1	120.9
130	85.1	67.3	124.9

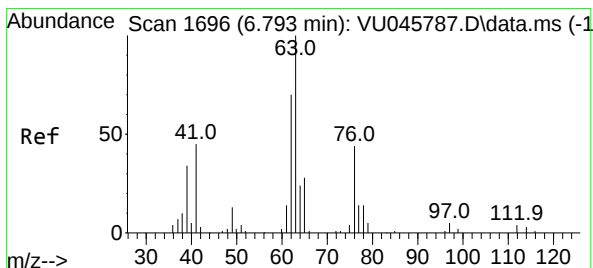
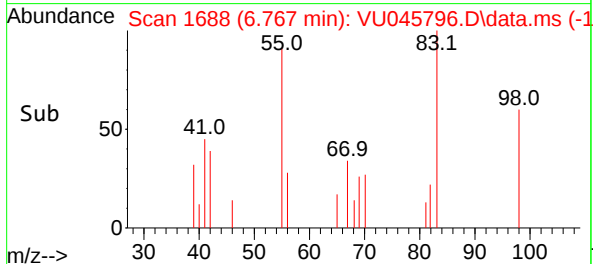
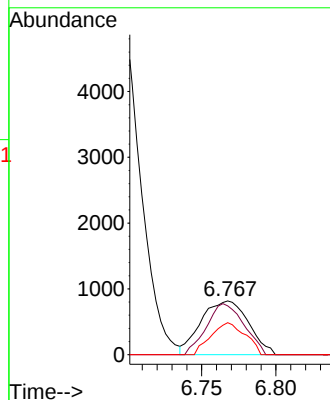
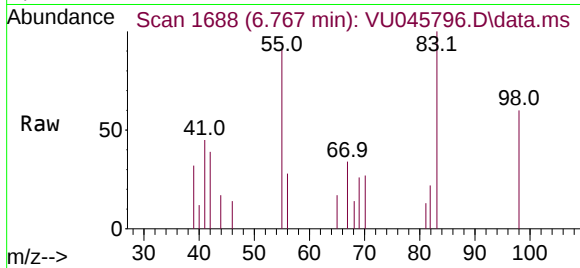




#35
Methylcyclohexane
Concen: 0.158 ug/L
RT: 6.767 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VU045796.D
Acq: 15 Nov 2021 17:00

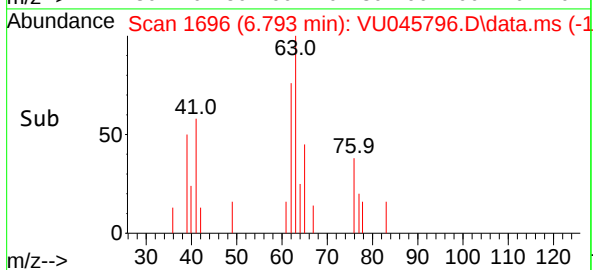
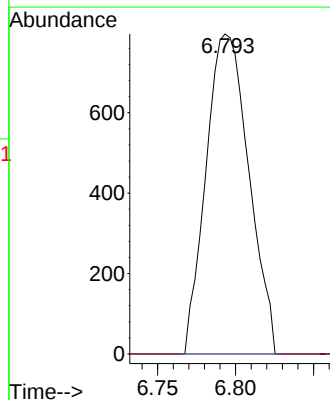
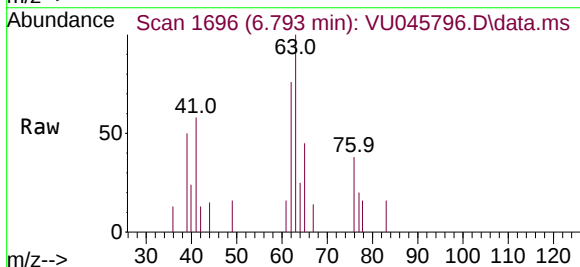
Instrument :
MSVOA_U
ClientSampleId :
MDL05

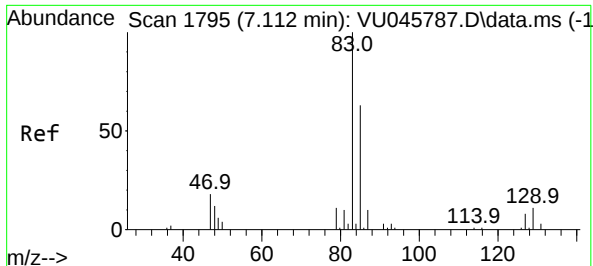
Tgt Ion:	83	Resp:	1816
Ion	Ratio	Lower	Upper
83	100		
55	74.9	61.9	92.9
98	43.0	39.0	58.6



#37
1,2-Dichloropropane
Concen: 0.199 ug/L
RT: 6.793 min Scan# 1696
Delta R.T. 0.000 min
Lab File: VU045796.D
Acq: 15 Nov 2021 17:00

Tgt Ion:	63	Resp:	1522
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.2	4.8#

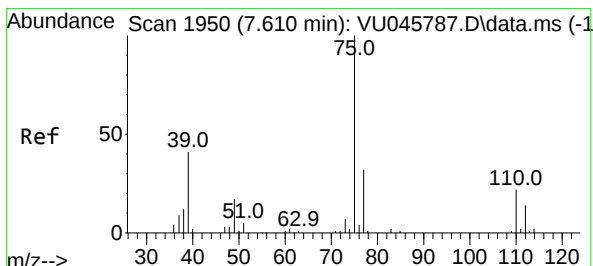
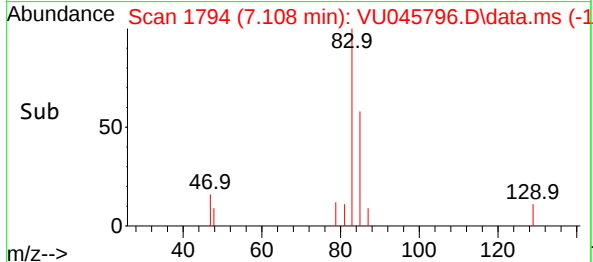
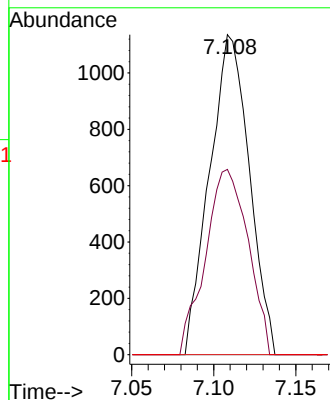
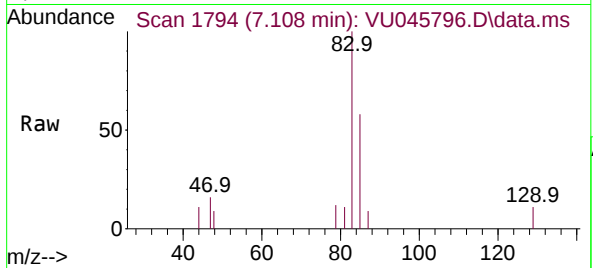




#38
Bromodichloromethane
Concen: 0.202 ug/L
RT: 7.108 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU045796.D
Acq: 15 Nov 2021 17:00

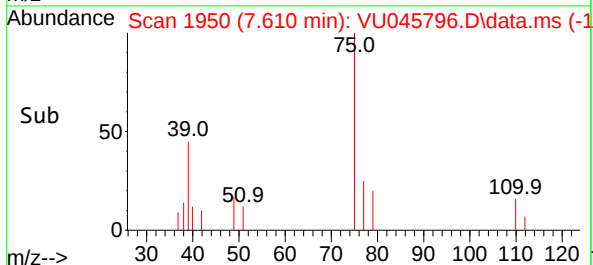
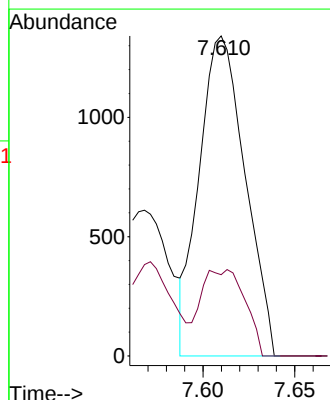
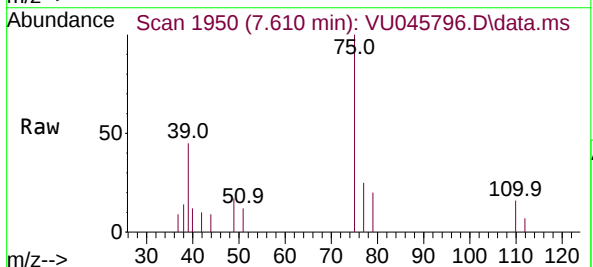
Instrument :
MSVOA_U
ClientSampleId :
MDL05

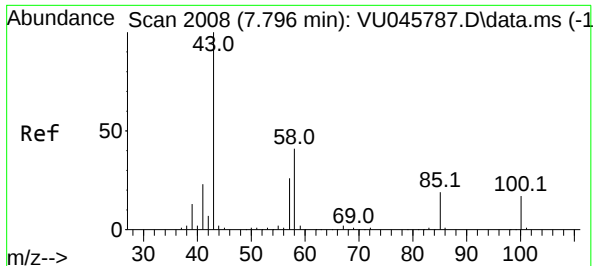
Tgt Ion: 83 Resp: 1910
Ion Ratio Lower Upper
83 100
85 57.9 44.0 81.8
127 0.0 6.3 9.5#



#39
cis-1,3-Dichloropropene
Concen: 0.214 ug/L
RT: 7.610 min Scan# 1950
Delta R.T. 0.000 min
Lab File: VU045796.D
Acq: 15 Nov 2021 17:00

Tgt Ion: 75 Resp: 2332
Ion Ratio Lower Upper
75 100
77 25.4 22.5 41.9





#40

4-Methyl-2-pentanone

Concen: 2.099 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. -0.003 min

Lab File: VU045796.D

Acq: 15 Nov 2021 17:00

Instrument :

MSVOA_U

ClientSampleId :

MDL05

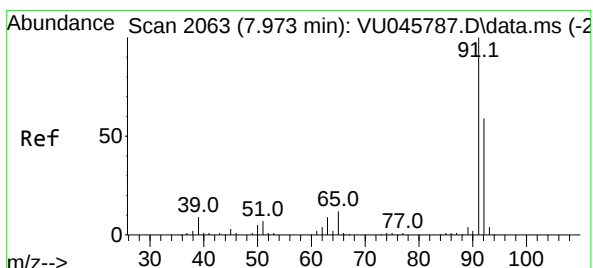
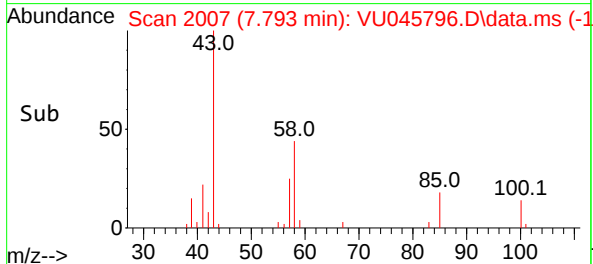
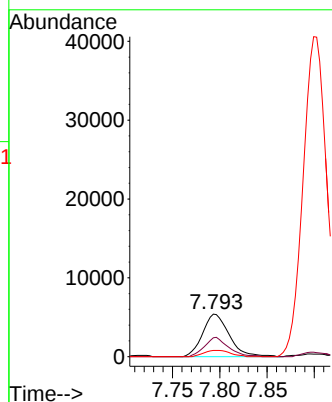
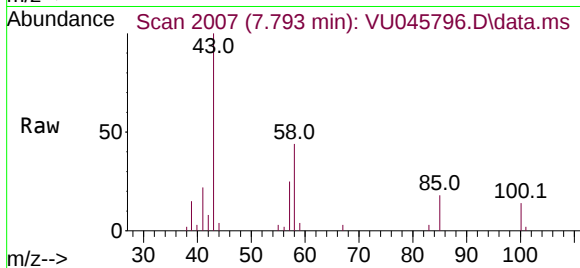
Tgt Ion: 43 Resp: 10547

Ion Ratio Lower Upper

43 100

58 40.6 33.1 49.7

100 0.0 13.2 19.8#



#42

Toluene

Concen: 0.261 ug/L

RT: 7.973 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VU045796.D

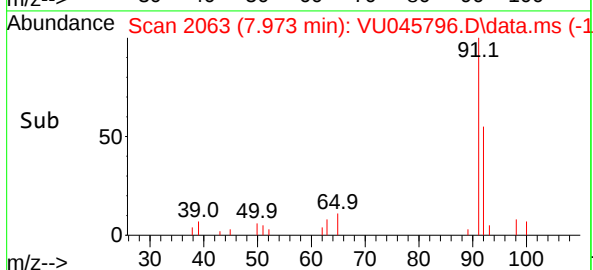
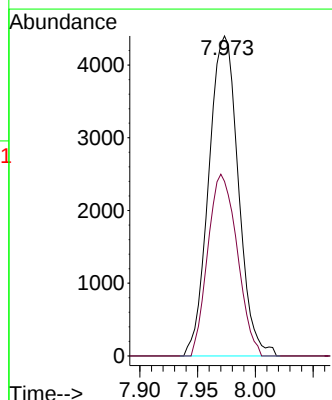
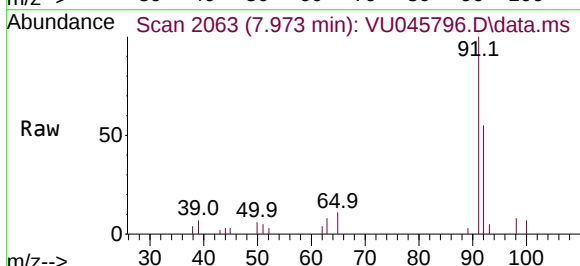
Acq: 15 Nov 2021 17:00

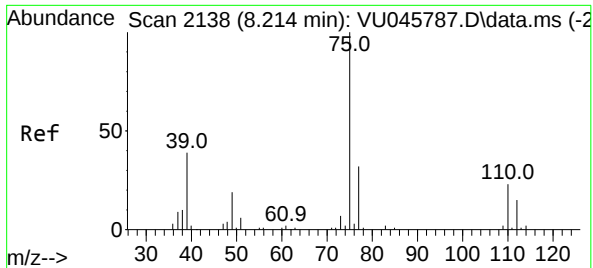
Tgt Ion: 91 Resp: 7849

Ion Ratio Lower Upper

91 100

92 54.5 41.3 76.7

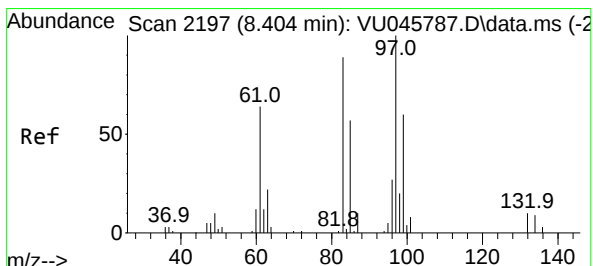
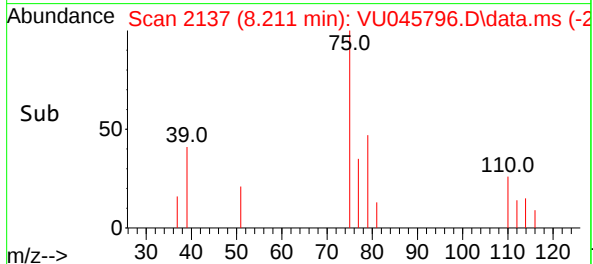
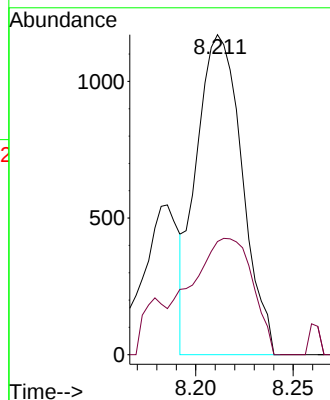
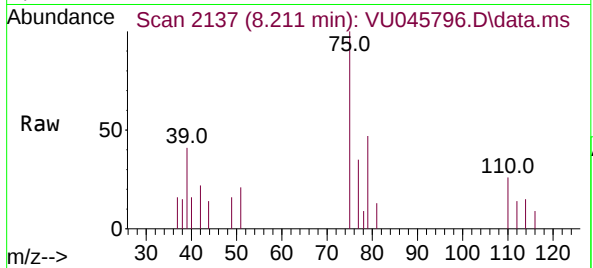




#44
trans-1,3-Dichloropropene
Concen: 0.202 ug/L
RT: 8.211 min Scan# 2137
Delta R.T. -0.003 min
Lab File: VU045796.D
Acq: 15 Nov 2021 17:00

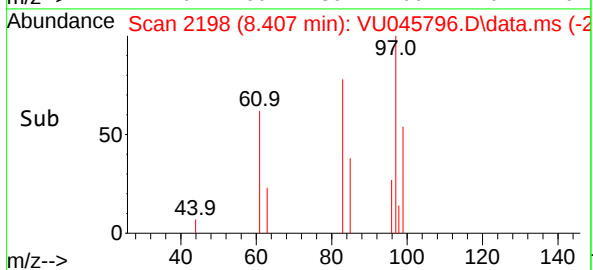
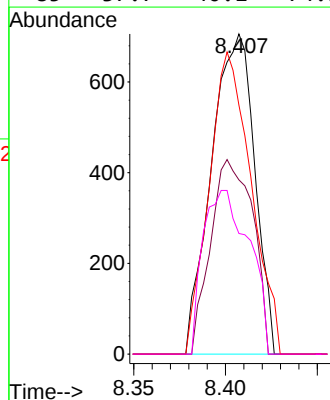
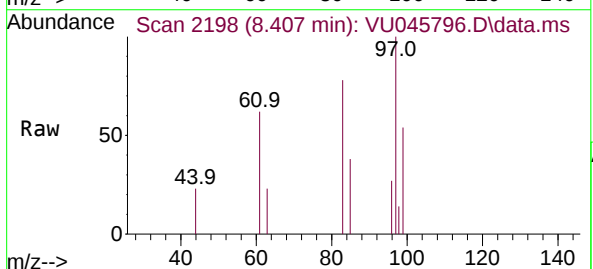
Instrument :
MSVOA_U
ClientSampleId :
MDL05

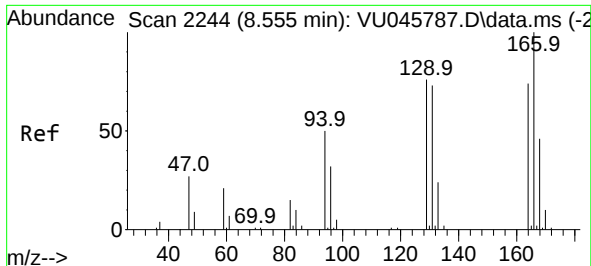
Tgt Ion: 75 Resp: 1909
Ion Ratio Lower Upper
75 100
77 35.4 22.7 42.3



#45
1,1,2-Trichloroethane
Concen: 0.203 ug/L
RT: 8.407 min Scan# 2198
Delta R.T. 0.003 min
Lab File: VU045796.D
Acq: 15 Nov 2021 17:00

Tgt Ion: 97 Resp: 1156
Ion Ratio Lower Upper
97 100
99 54.4 42.3 78.5
83 77.8 62.0 115.2
85 37.7 40.1 74.5#



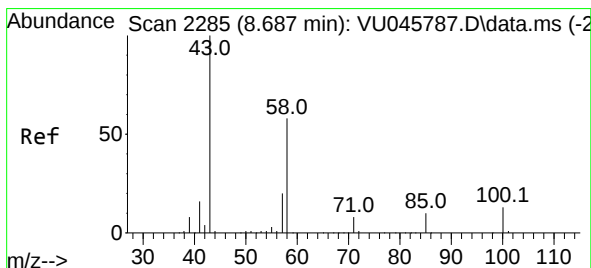
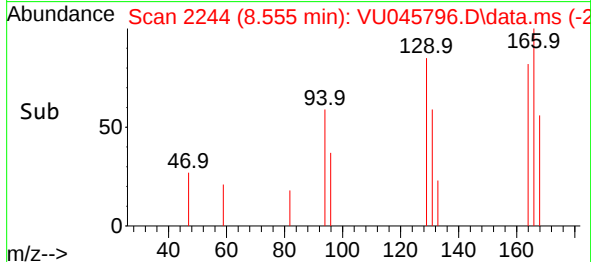
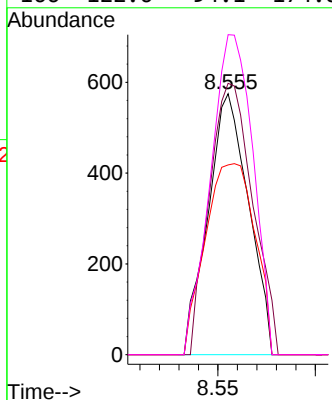
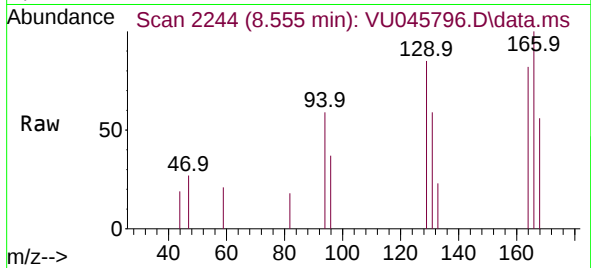


#47
Tetrachloroethene
Concen: 0.158 ug/L
RT: 8.555 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU045796.D
Acq: 15 Nov 2021 17:00

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion:164 Resp: 830

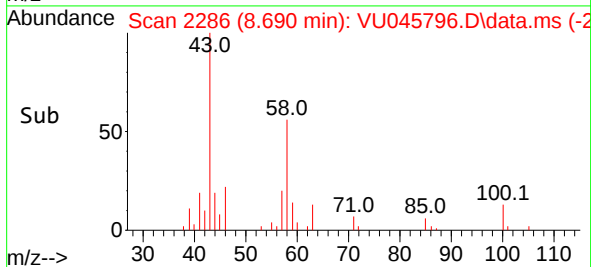
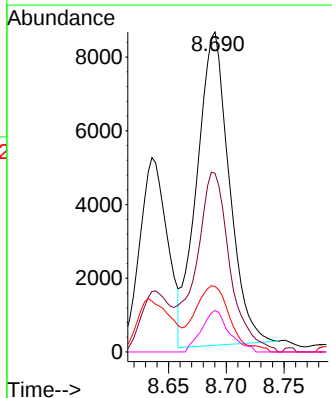
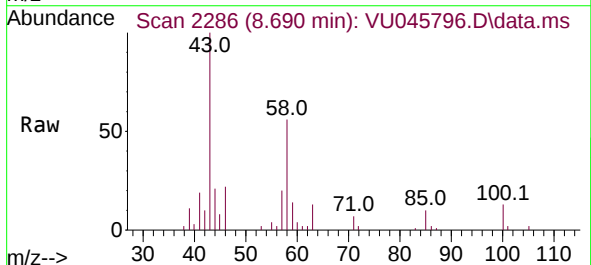
Ion	Ratio	Lower	Upper
164	100		
129	104.0	71.8	133.4
131	72.7	68.5	127.3
166	122.6	94.1	174.8

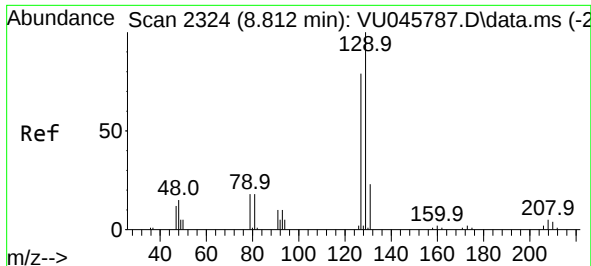


#48
2-Hexanone
Concen: 4.559 ug/L
RT: 8.690 min Scan# 2286
Delta R.T. 0.003 min
Lab File: VU045796.D
Acq: 15 Nov 2021 17:00

Tgt Ion: 43 Resp: 16549

Ion	Ratio	Lower	Upper
43	100		
58	60.7	46.7	70.1
57	23.2	16.3	24.5
100	11.3	10.5	15.7





#49

Dibromochloromethane

Concen: 0.198 ug/L

RT: 8.812 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU045796.D

Acq: 15 Nov 2021 17:00

Instrument :

MSVOA_U

ClientSampleId :

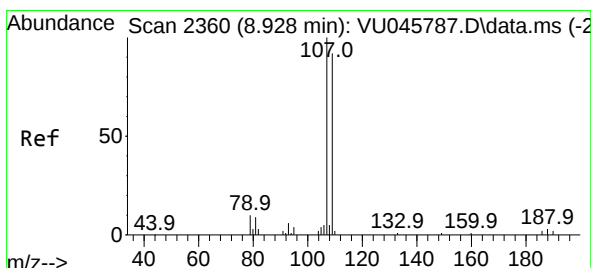
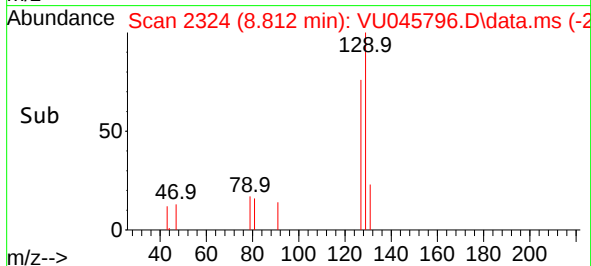
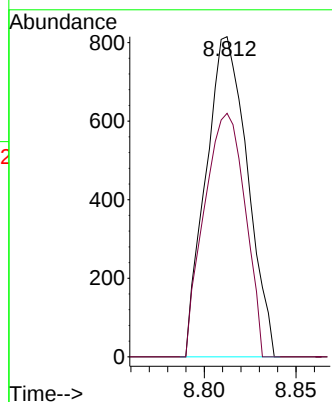
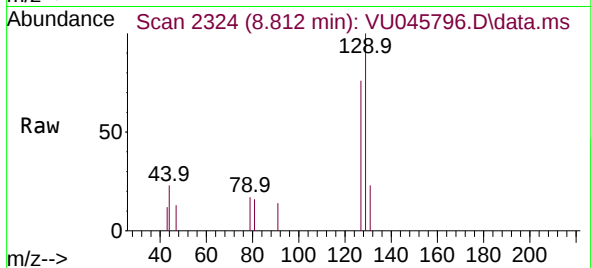
MDL05

Tgt Ion:129 Resp: 1282

Ion Ratio Lower Upper

129 100

127 76.1 55.4 102.8



#50

1,2-Dibromoethane

Concen: 0.210 ug/L

RT: 8.925 min Scan# 2359

Delta R.T. -0.003 min

Lab File: VU045796.D

Acq: 15 Nov 2021 17:00

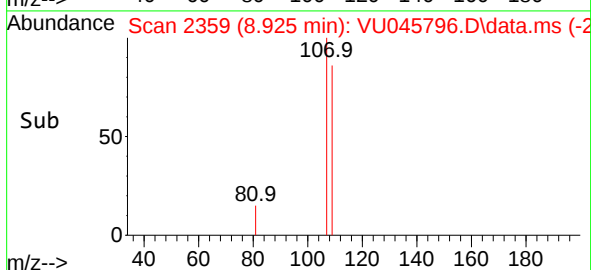
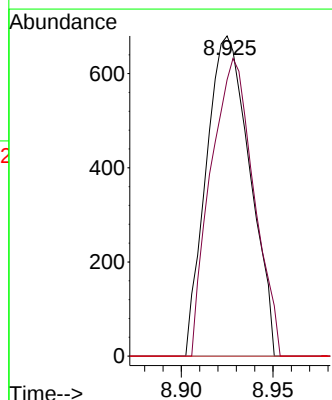
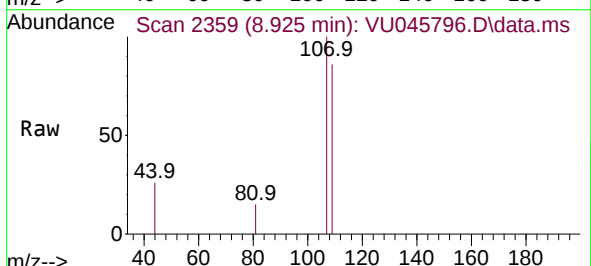
Tgt Ion:107 Resp: 1126

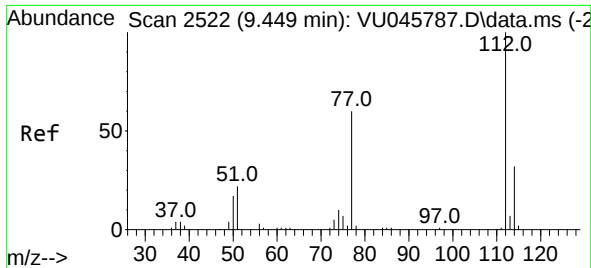
Ion Ratio Lower Upper

107 100

109 86.3 64.0 119.0

188 0.0 2.4 3.6#

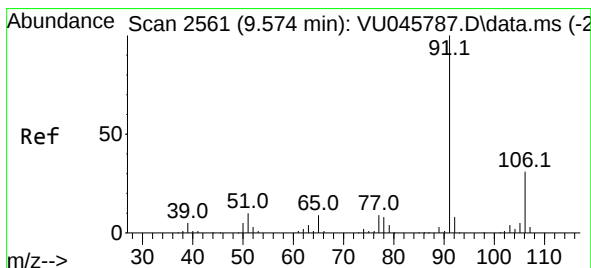
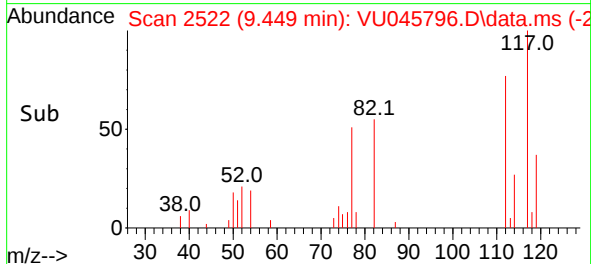
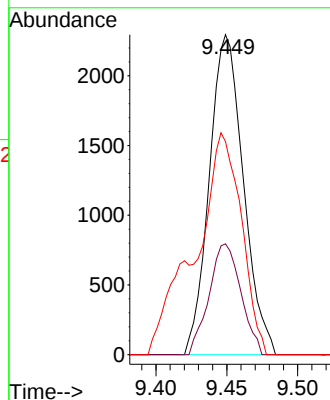
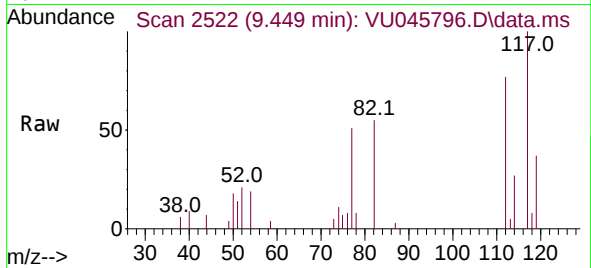




#51
Chlorobenzene
Concen: 0.203 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. -0.000 min
Lab File: VU045796.D
Acq: 15 Nov 2021 17:00

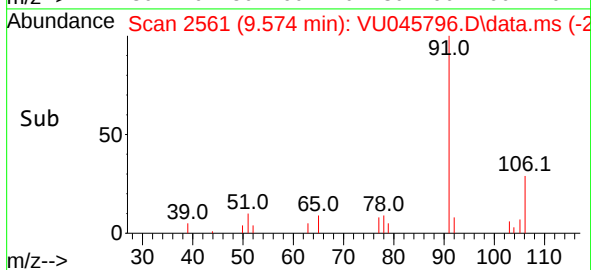
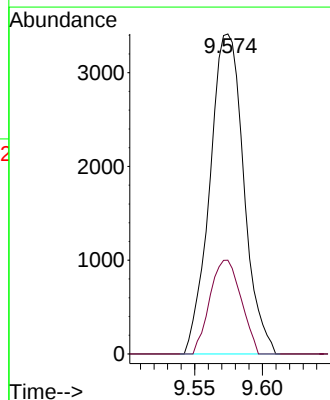
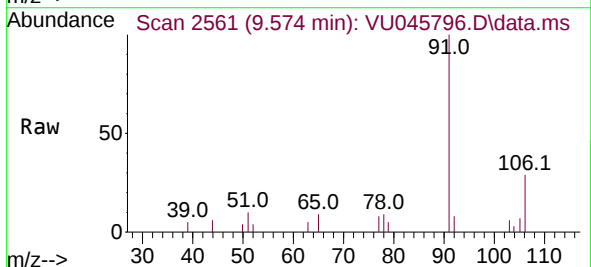
Instrument :
MSVOA_U
ClientSampleId :
MDL05

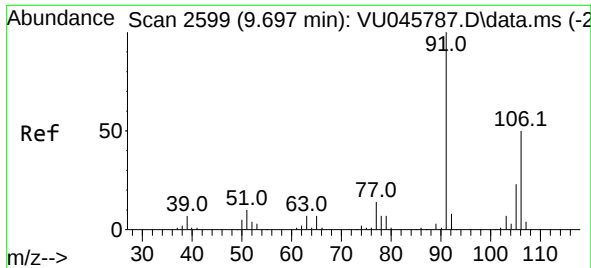
Tgt Ion:	112	Resp:	3834
Ion Ratio	Lower	Upper	
112	100		
114	34.6	22.1	41.1
77	66.6	48.3	72.5



#52
Ethylbenzene
Concen: 0.189 ug/L
RT: 9.574 min Scan# 2561
Delta R.T. 0.000 min
Lab File: VU045796.D
Acq: 15 Nov 2021 17:00

Tgt Ion:	91	Resp:	5945
Ion Ratio	Lower	Upper	
91	100		
106	29.3	21.5	39.9

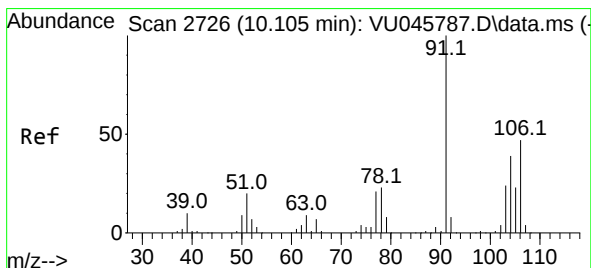
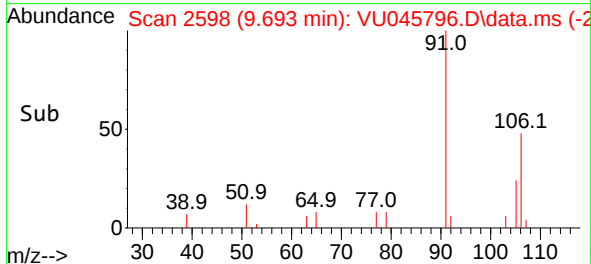
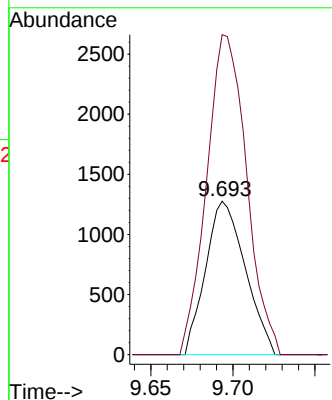
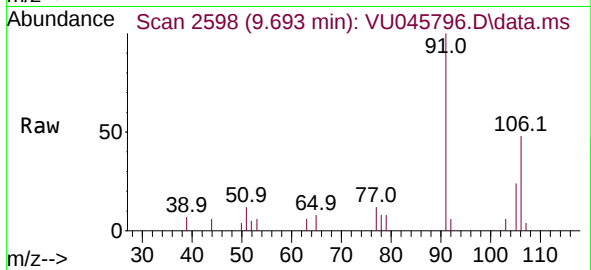




#53
m,p-Xylene
Concen: 0.178 ug/L
RT: 9.693 min Scan# 2142
Delta R.T. -0.003 min
Lab File: VU045796.D
Acq: 15 Nov 2021 17:00

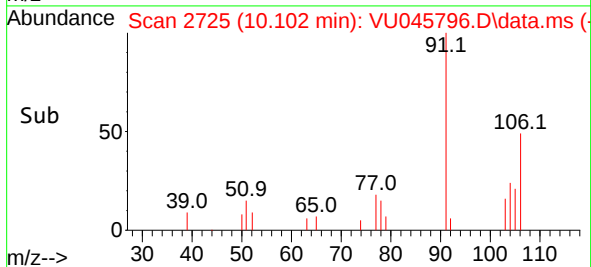
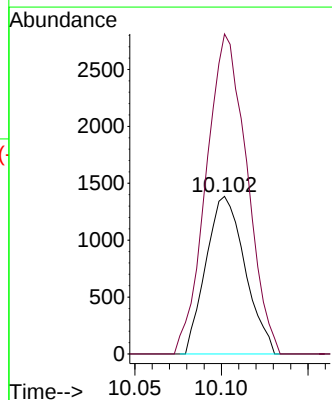
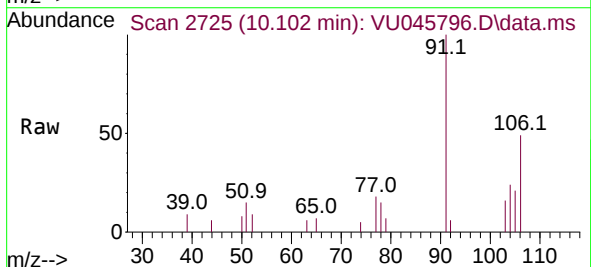
Instrument :
MSVOA_U
ClientSampleId :
MDL05

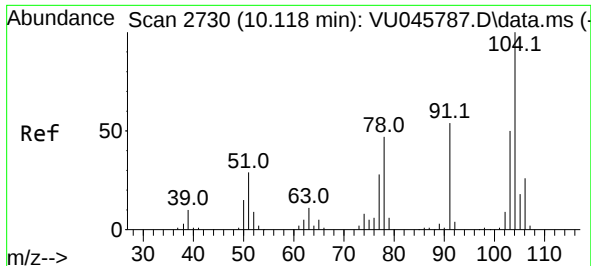
Tgt Ion:106 Resp: 2142
Ion Ratio Lower Upper
106 100
91 208.5 139.4 259.0



#54
o-Xylene
Concen: 0.187 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.003 min
Lab File: VU045796.D
Acq: 15 Nov 2021 17:00

Tgt Ion:106 Resp: 2169
Ion Ratio Lower Upper
106 100
91 203.0 147.5 273.9

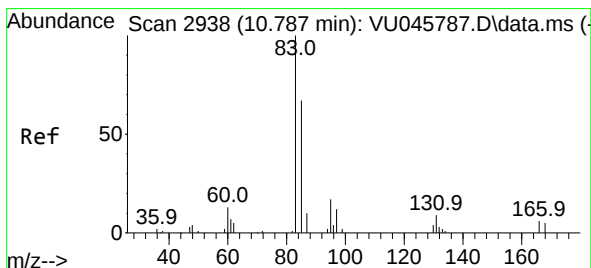
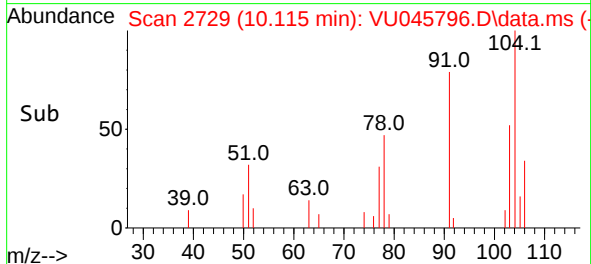
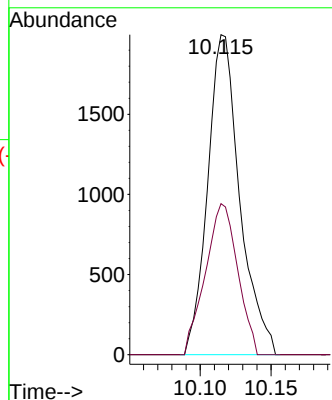
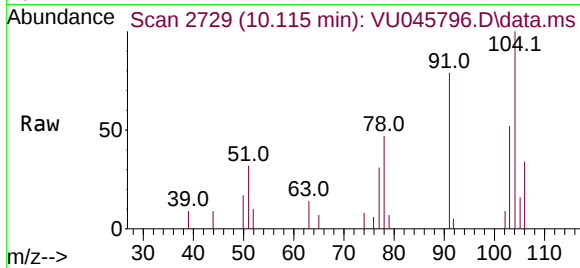




#55
Styrene
Concen: 0.161 ug/L
RT: 10.115 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU045796.D
Acq: 15 Nov 2021 17:00

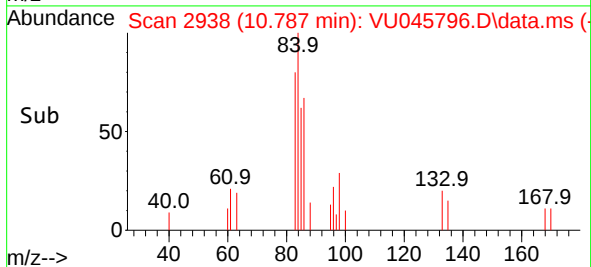
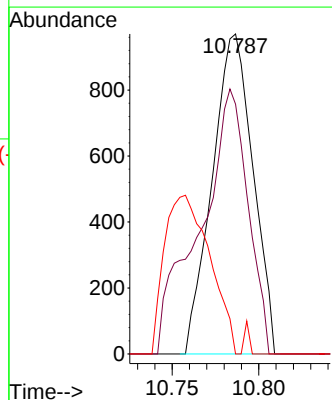
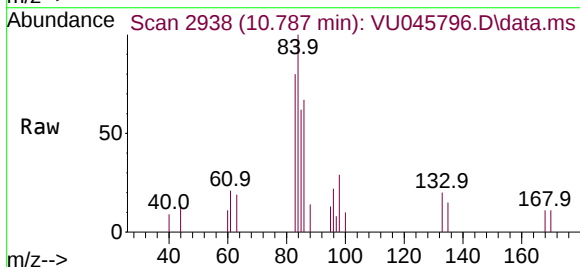
Instrument :
MSVOA_U
ClientSampleId :
MDL05

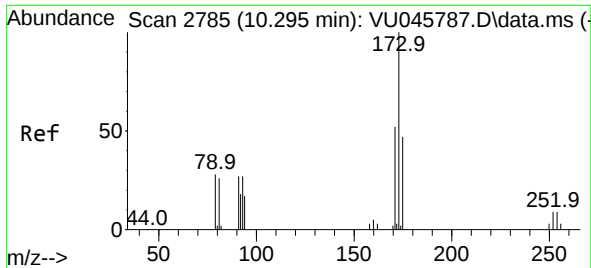
Tgt Ion:104 Resp: 3144
Ion Ratio Lower Upper
104 100
78 47.2 33.0 61.4



#57
1,1,2,2-Tetrachloroethane
Concen: 0.218 ug/L
RT: 10.787 min Scan# 2938
Delta R.T. -0.000 min
Lab File: VU045796.D
Acq: 15 Nov 2021 17:00

Tgt Ion: 83 Resp: 1587
Ion Ratio Lower Upper
83 100
85 78.0 47.9 89.1
131 0.0 8.1 12.1#

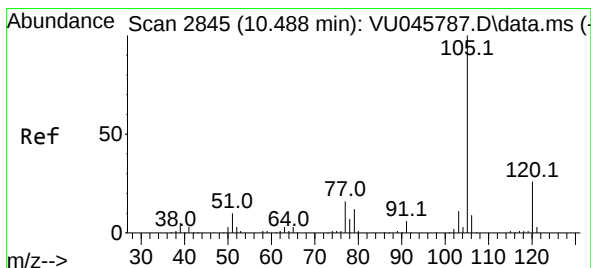
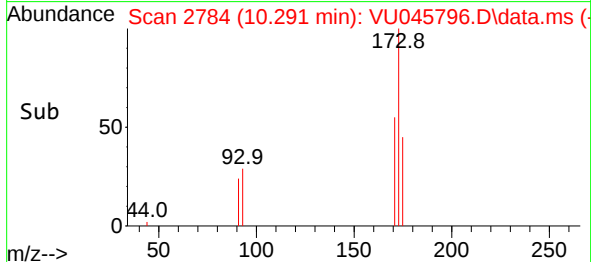
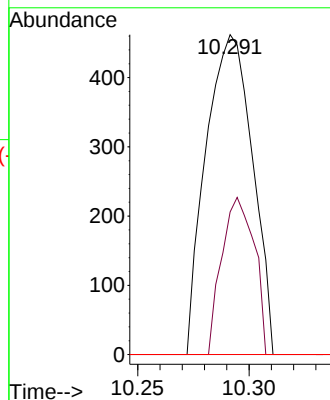
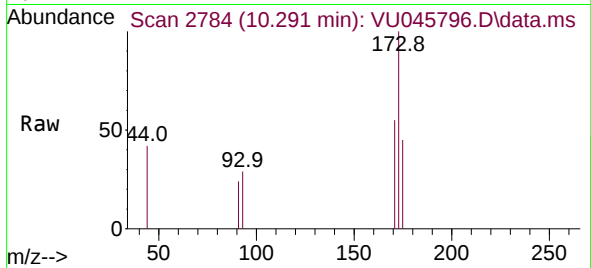




#59
Bromoform
Concen: 0.216 ug/L
RT: 10.291 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU045796.D
Acq: 15 Nov 2021 17:00

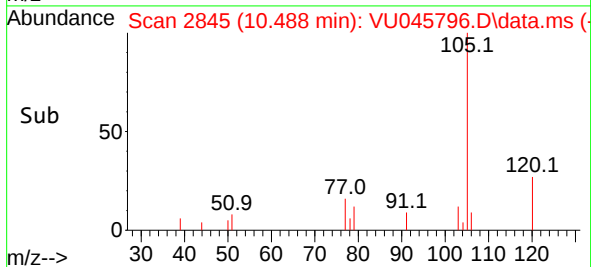
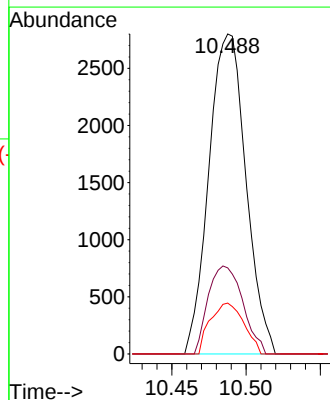
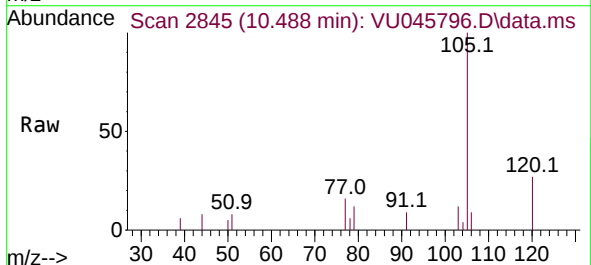
Instrument :
MSVOA_U
ClientSampleId :
MDL05

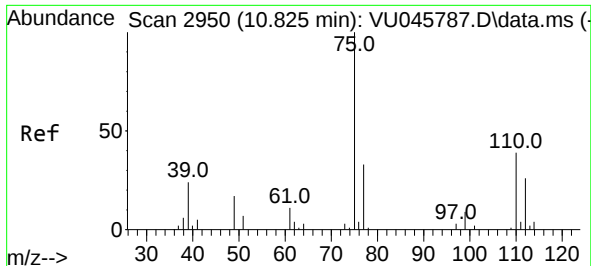
Tgt Ion:173 Resp: 670
Ion Ratio Lower Upper
173 100
175 34.3 37.8 56.6#
254 0.0 7.3 10.9#



#60
Isopropylbenzene
Concen: 0.176 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. 0.000 min
Lab File: VU045796.D
Acq: 15 Nov 2021 17:00

Tgt Ion:105 Resp: 4856
Ion Ratio Lower Upper
105 100
120 25.7 20.7 31.1
77 14.4 12.6 19.0

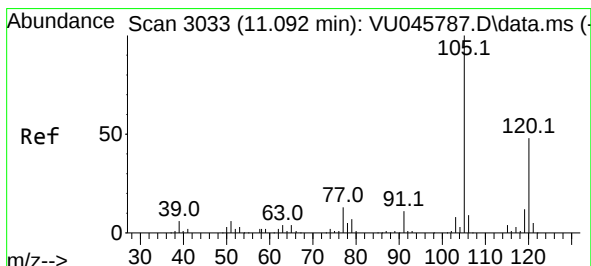
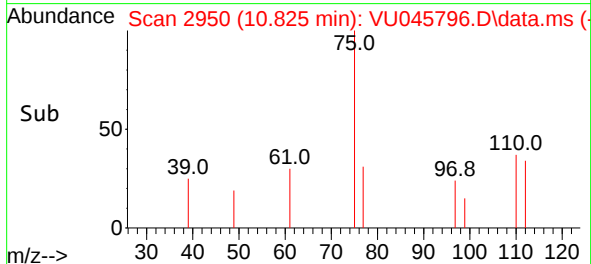
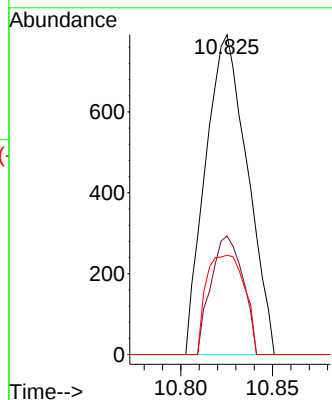
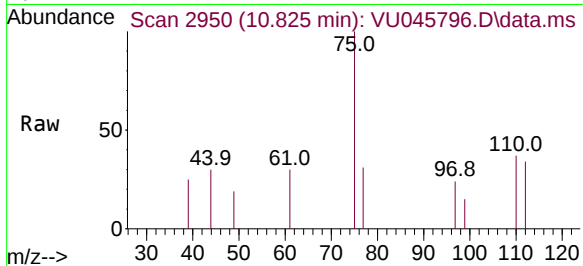




#61
1,2,3-Trichloropropane
Concen: 0.258 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU045796.D
Acq: 15 Nov 2021 17:00

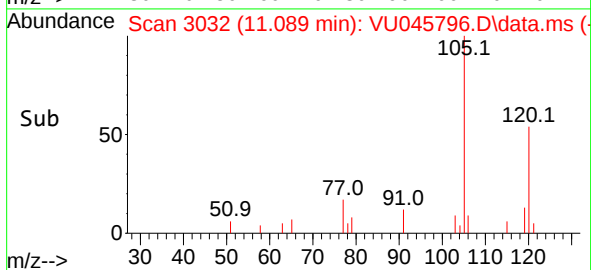
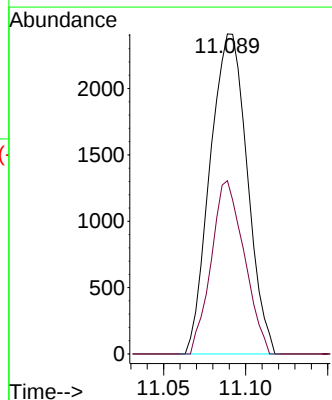
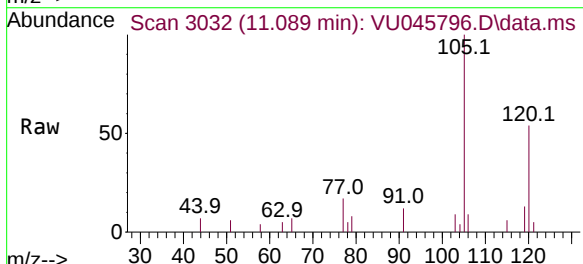
Instrument :
MSVOA_U
ClientSampleId :
MDL05

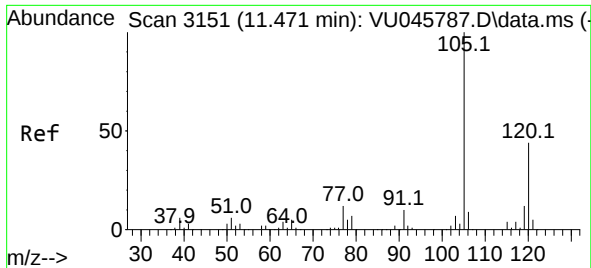
Tgt Ion: 75 Resp: 1253
Ion Ratio Lower Upper
75 100
110 28.3 29.9 44.9#
77 28.3 25.5 38.3



#62
1,3,5-Trimethylbenzene
Concen: 0.168 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. -0.003 min
Lab File: VU045796.D
Acq: 15 Nov 2021 17:00

Tgt Ion: 105 Resp: 3789
Ion Ratio Lower Upper
105 100
120 48.1 38.3 57.5

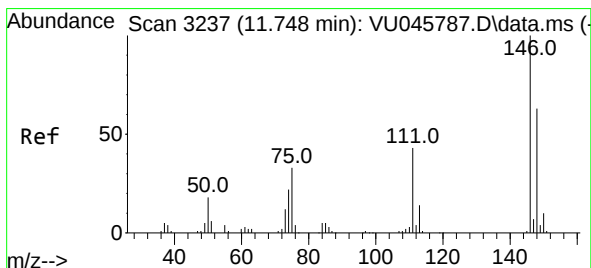
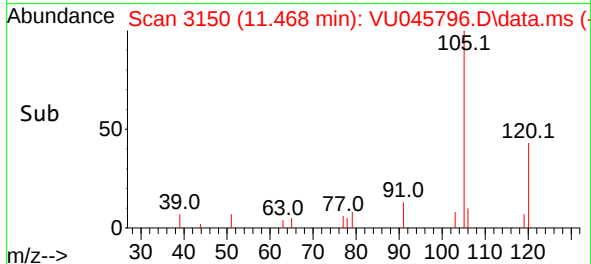
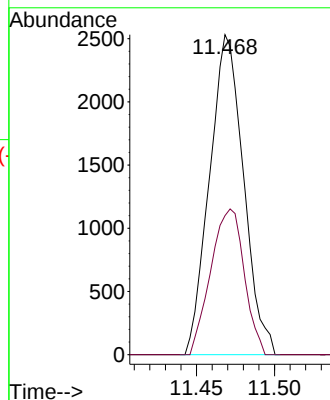
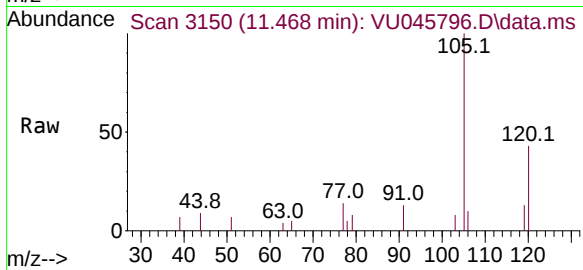




#63
1,2,4-Trimethylbenzene
Concen: 0.170 ug/L
RT: 11.468 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VU045796.D
Acq: 15 Nov 2021 17:00

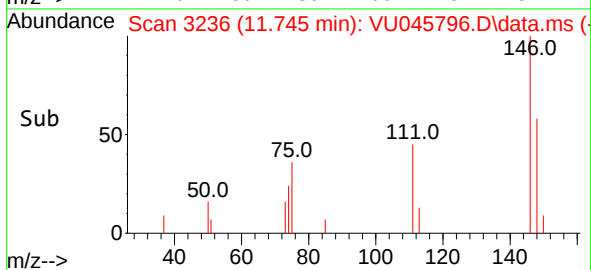
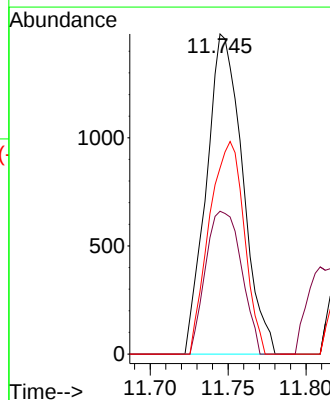
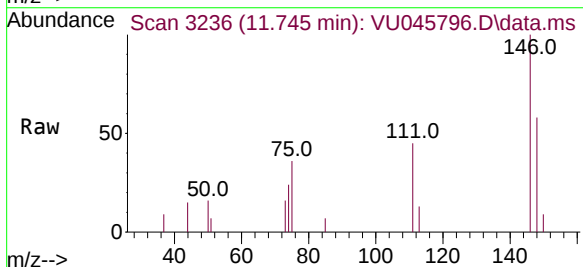
Instrument :
MSVOA_U
ClientSampleId :
MDL05

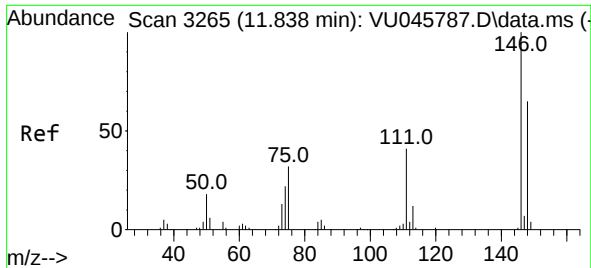
Tgt Ion:105 Resp: 3830
Ion Ratio Lower Upper
105 100
120 44.9 35.8 53.8



#64
1,3-Dichlorobenzene
Concen: 0.185 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. -0.003 min
Lab File: VU045796.D
Acq: 15 Nov 2021 17:00

Tgt Ion:146 Resp: 2380
Ion Ratio Lower Upper
146 100
111 44.6 29.9 55.5
148 58.1 44.3 82.3

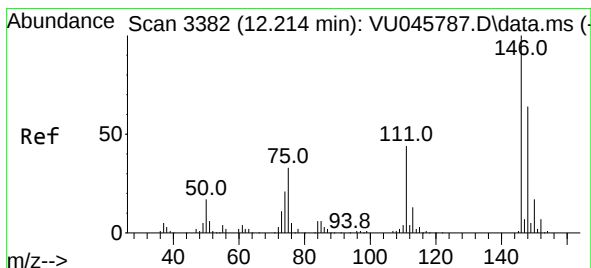
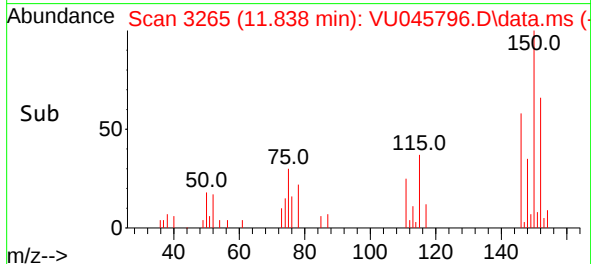
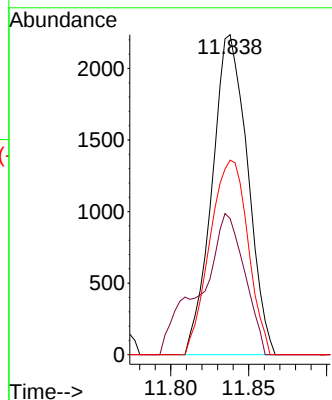
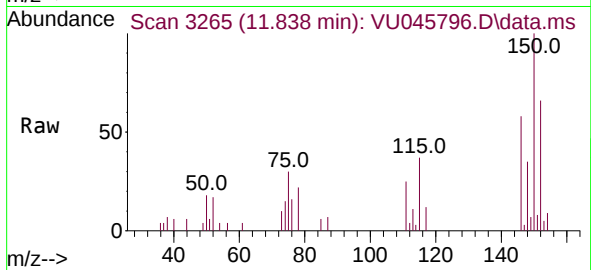




#65
1,4-Dichlorobenzene
Concen: 0.272 ug/L
RT: 11.838 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU045796.D
Acq: 15 Nov 2021 17:00

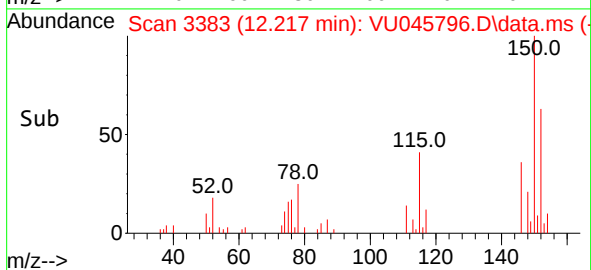
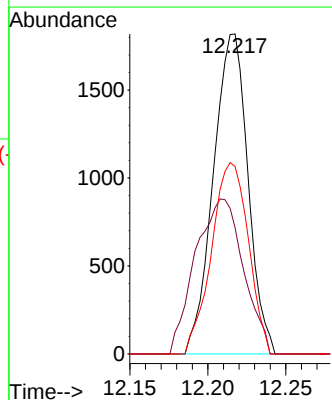
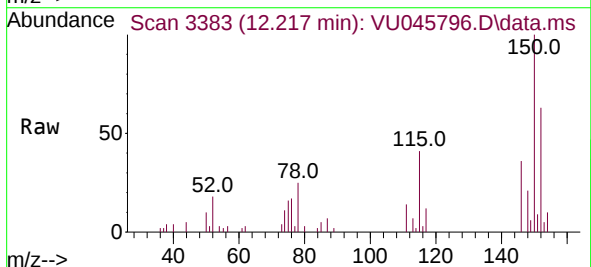
Instrument :
MSVOA_U
ClientSampleId :
MDL05

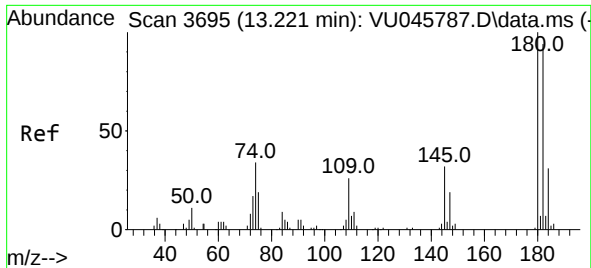
Tgt Ion:146 Resp: 3542
Ion Ratio Lower Upper
146 100
111 42.5 28.7 53.3
148 60.8 45.8 85.0



#67
1,2-Dichlorobenzene
Concen: 0.228 ug/L
RT: 12.217 min Scan# 3383
Delta R.T. 0.003 min
Lab File: VU045796.D
Acq: 15 Nov 2021 17:00

Tgt Ion:146 Resp: 2808
Ion Ratio Lower Upper
146 100
111 39.4 35.4 53.0
148 58.6 51.1 76.7

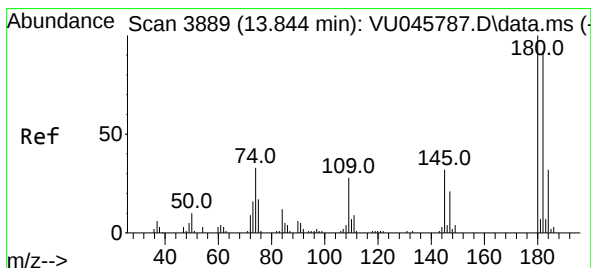
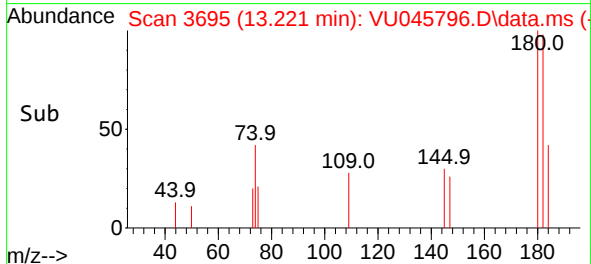
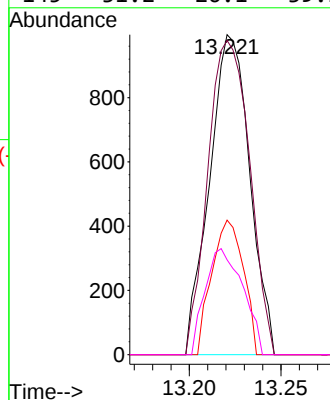
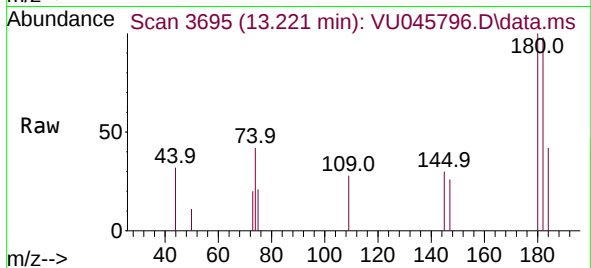




#69
 1,3,5-Trichlorobenzene
 Concen: 0.158 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. -0.000 min
 Lab File: VU045796.D
 Acq: 15 Nov 2021 17:00

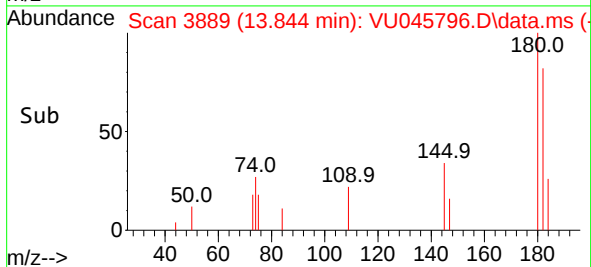
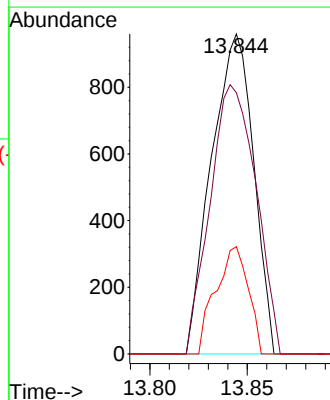
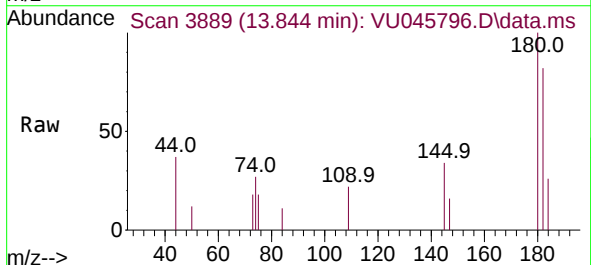
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL05

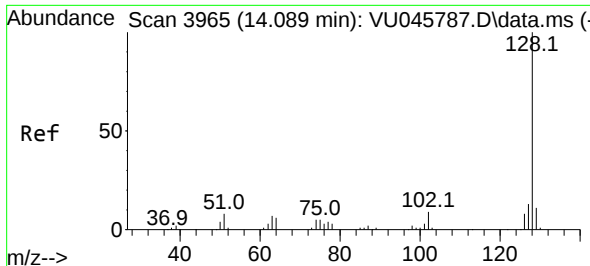
Tgt Ion:180	Resp:	1517
Ion	Ratio	Lower Upper
180	100	
182	102.0	76.1 114.1
184	33.2	25.0 37.4
145	31.2	26.1 39.1



#70
 1,2,4-trichlorobenzene
 Concen: 0.177 ug/L
 RT: 13.844 min Scan# 3889
 Delta R.T. 0.000 min
 Lab File: VU045796.D
 Acq: 15 Nov 2021 17:00

Tgt Ion:180	Resp:	1442
Ion	Ratio	Lower Upper
180	100	
182	91.5	76.4 114.6
145	25.9	25.6 38.4

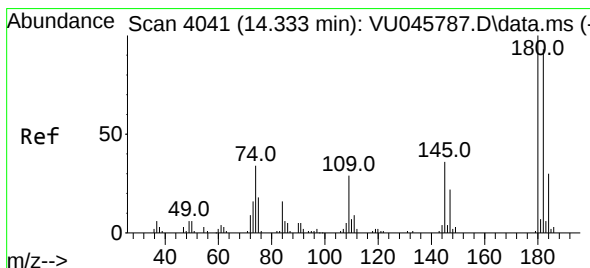
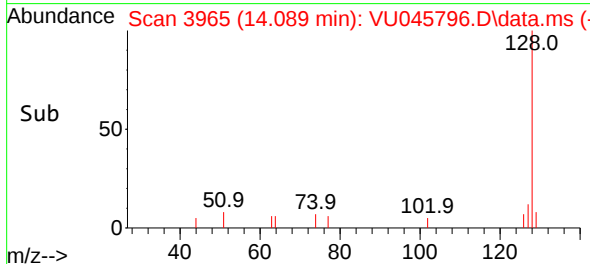
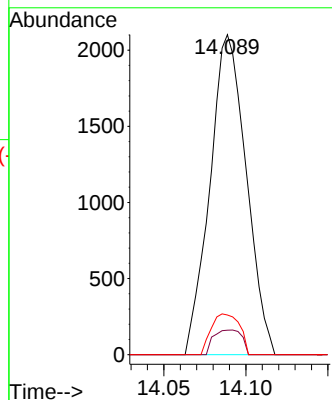
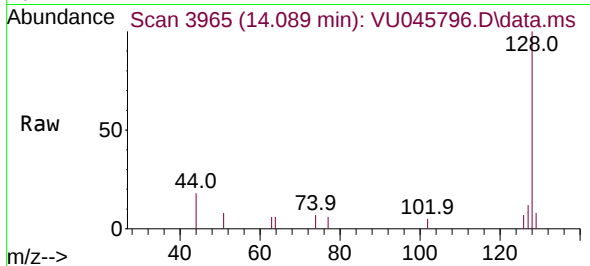




#71
Naphthalene
Concen: 0.194 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU045796.D
Acq: 15 Nov 2021 17:00

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion:128 Resp: 3234
Ion Ratio Lower Upper
128 100
129 6.0 8.4 12.6#
127 10.0 10.2 15.2#



#72
1,2,3-Trichlorobenzene
Concen: 0.172 ug/L
RT: 14.327 min Scan# 4039
Delta R.T. -0.006 min
Lab File: VU045796.D
Acq: 15 Nov 2021 17:00

Tgt Ion:180 Resp: 1387
Ion Ratio Lower Upper
180 100
182 97.0 76.2 114.4
145 34.7 28.4 42.6

