

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111521\
 Data File : VU045795.D
 Acq On : 15 Nov 2021 16:36
 Operator : SY/MD
 Sample : MDL04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL04

Quant Time: Nov 16 03:11:36 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	110598	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	112848	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	51070	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	33769	3.854	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.000%
7) Chloroethane-d5	1.919	69	27821	4.361	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.200%
11) 1,1-Dichloroethene-d2	2.571	65	14751	4.014	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.200%
20) 2-Butanone-d5	4.655	46	114761	48.871	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.740%
24) Chloroform-d	5.070	84	61904	4.240	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.800%
26) 1,2-Dichloroethane-d4	5.706	65	37758	4.408	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.200%
32) Benzene-d6	5.732	84	127513	4.103	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.000%
36) 1,2-Dichloropropane-d6	6.693	67	41982	4.286	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.800%
41) Toluene-d8	7.902	98	110127	3.917	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.400%
43) trans-1,3-Dichloroprop...	8.182	79	16722	4.206	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.200%
46) 2-Hexanone-d5	8.636	63	84626	47.288	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.580%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	38813	4.691	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.800%
66) 1,2-Dichlorobenzene-d4	12.195	152	41946	4.784	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	1402	0.156	ug/L	100
3) Chloromethane	1.520	50	3617	0.379	ug/L	97
5) Vinyl chloride	1.607	62	1928	0.201	ug/L #	63
6) Bromomethane	1.861	94	1232	0.217	ug/L	92
8) Chloroethane	1.938	64	1239	0.227	ug/L	96
9) Trichlorofluoromethane	2.144	101	2190	0.177	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	1586	0.219	ug/L #	66
12) 1,1-Dichloroethene	2.581	96	1682	0.246	ug/L #	1
14) Carbon disulfide	2.800	76	4106	0.190	ug/L	96
15) Methyl Acetate	2.973	43	762	0.225	ug/L #	51
16) Methylene chloride	3.051	84	3132	0.310	ug/L	82
17) Methyl tert-butyl Ether	3.369	73	3624	0.203	ug/L	96
18) trans-1,2-Dichloroethene	3.356	96	1121	0.153	ug/L	91
19) 1,1-Dichloroethane	3.874	63	2438	0.177	ug/L	94
21) 2-Butanone	4.735	43	4818	2.072	ug/L	78
22) cis-1,2-Dichloroethene	4.671	96	1526	0.192	ug/L	92
23) Bromochloromethane	4.980	128	642	0.185	ug/L	87
25) Chloroform	5.089	83	5485	0.368	ug/L	96
27) 1,2-Dichloroethane	5.800	62	1882	0.198	ug/L #	73

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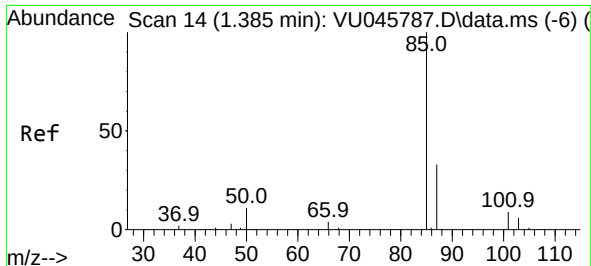
Quant Time: Nov 16 03:11:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 16 03:04:04 2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) 1,1,1-Trichloroethane	5.324	97	1971	0.161	ug/L	97
30) Cyclohexane	5.394	56	1799	0.148	ug/L #	89
31) Carbon tetrachloride	5.530	117	1698	0.165	ug/L	97
33) Benzene	5.780	78	6010	0.191	ug/L	100
34) Trichloroethene	6.549	95	1507	0.186	ug/L	90
35) Methylcyclohexane	6.771	83	1599	0.128	ug/L	96
37) 1,2-Dichloropropane	6.796	63	1433	0.173	ug/L #	88
38) Bromodichloromethane	7.108	83	1879	0.184	ug/L #	96
39) cis-1,3-Dichloropropene	7.613	75	1894	0.161	ug/L	100
40) 4-Methyl-2-pentanone	7.796	43	10648	1.959	ug/L #	86
42) Toluene	7.973	91	7189	0.221	ug/L	96
44) trans-1,3-Dichloropropene	8.214	75	1894	0.185	ug/L	97
45) 1,1,2-Trichloroethane	8.401	97	1147	0.186	ug/L	96
47) Tetrachloroethene	8.555	164	857	0.151	ug/L	88
48) 2-Hexanone	8.690	43	16212	4.128	ug/L	97
49) Dibromochloromethane	8.812	129	1279	0.183	ug/L	86
50) 1,2-Dibromoethane	8.928	107	1008	0.174	ug/L #	91
51) Chlorobenzene	9.449	112	3778	0.185	ug/L	90
52) Ethylbenzene	9.574	91	5358	0.157	ug/L	94
53) m,p-Xylene	9.697	106	1827	0.140	ug/L	74
54) o-Xylene	10.105	106	1676	0.133	ug/L	68
55) Styrene	10.115	104	2766	0.131	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.787	83	1597	0.203	ug/L #	95
59) Bromoform	10.285	173	616	0.182	ug/L #	89
60) Isopropylbenzene	10.488	105	4396	0.147	ug/L	97
61) 1,2,3-Trichloropropane	10.828	75	1108	0.209	ug/L #	89
62) 1,3,5-Trimethylbenzene	11.089	105	3191	0.130	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	3298	0.134	ug/L	97
64) 1,3-Dichlorobenzene	11.748	146	2349	0.168	ug/L	86
65) 1,4-Dichlorobenzene	11.838	146	3820	0.269	ug/L	90
67) 1,2-Dichlorobenzene	12.214	146	2632	0.196	ug/L #	87
68) 1,2-Dibromo-3-chloropr...	13.217	75	231	0.209	ug/L #	7
69) 1,3,5-Trichlorobenzene	13.221	180	1444	0.138	ug/L	93
70) 1,2,4-trichlorobenzene	13.844	180	1296	0.146	ug/L #	95
71) Naphthalene	14.089	128	2958	0.163	ug/L #	91
72) 1,2,3-Trichlorobenzene	14.333	180	1306	0.148	ug/L	96

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

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Response via : Initial Calibration

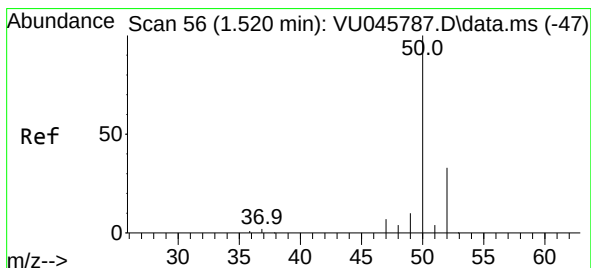
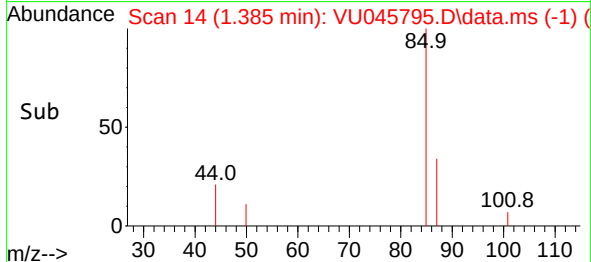
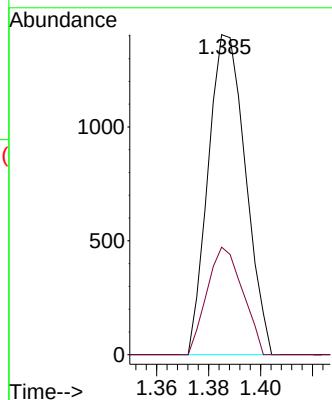
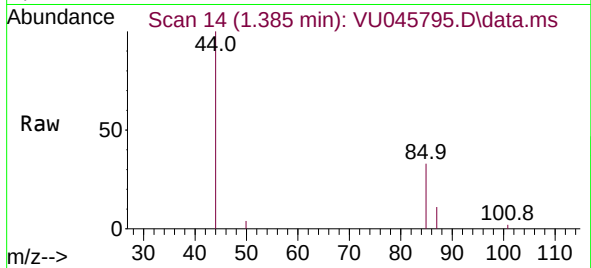




#2
Dichlorodifluoromethane
Concen: 0.156 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU045795.D
Acq: 15 Nov 2021 16:36

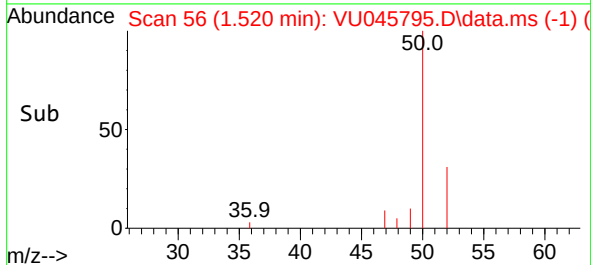
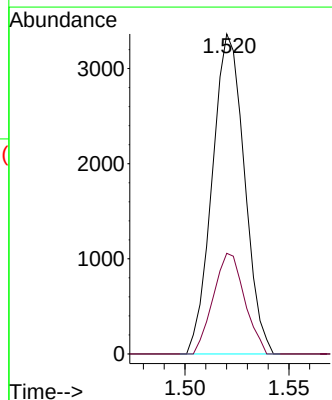
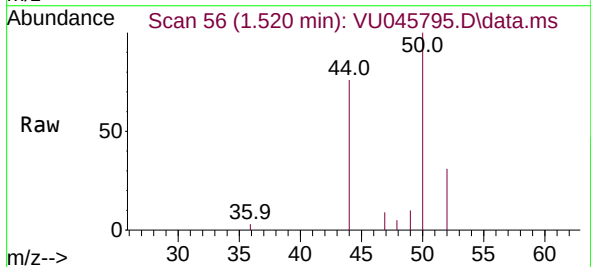
Instrument :
MSVOA_U
ClientSampleId :
MDL04

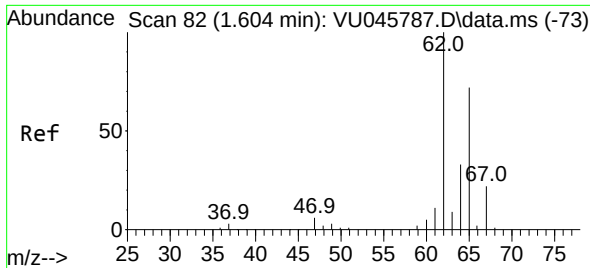
Tgt Ion: 85 Resp: 1402
Ion Ratio Lower Upper
85 100
87 32.2 25.8 38.6



#3
Chloromethane
Concen: 0.379 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.000 min
Lab File: VU045795.D
Acq: 15 Nov 2021 16:36

Tgt Ion: 50 Resp: 3617
Ion Ratio Lower Upper
50 100
52 31.5 23.0 42.8

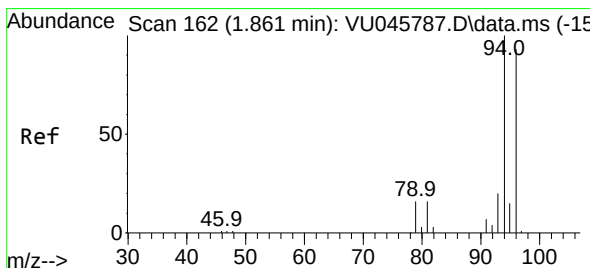
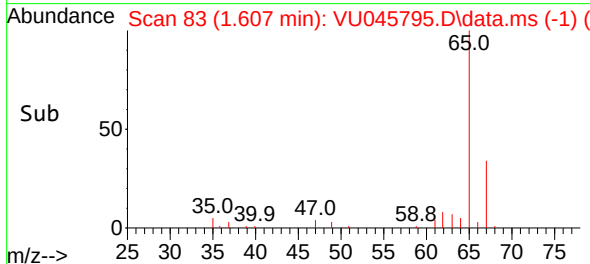
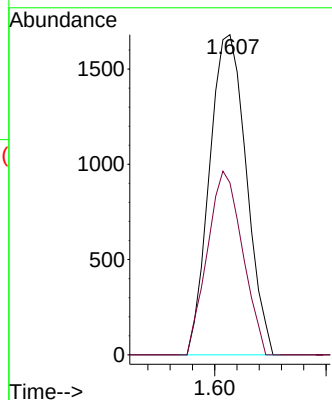
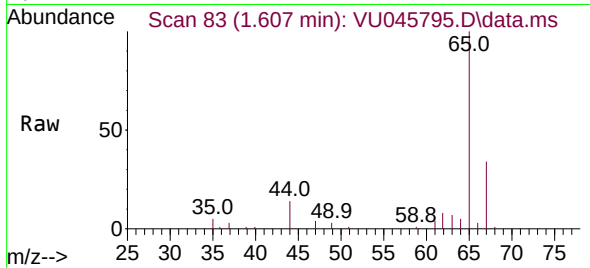




#5
 Vinyl chloride
 Concen: 0.201 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VU045795.D
 Acq: 15 Nov 2021 16:36

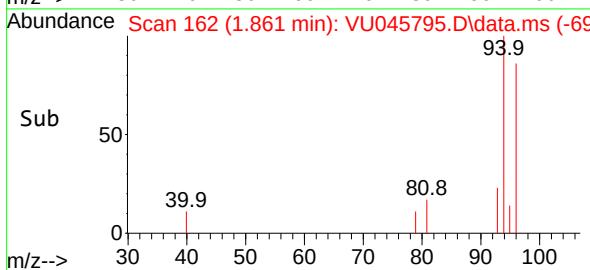
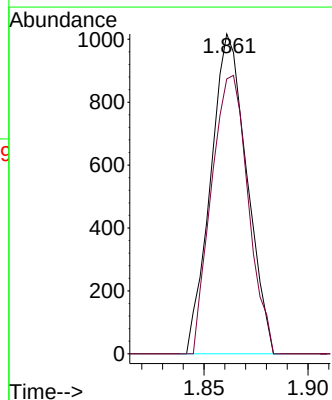
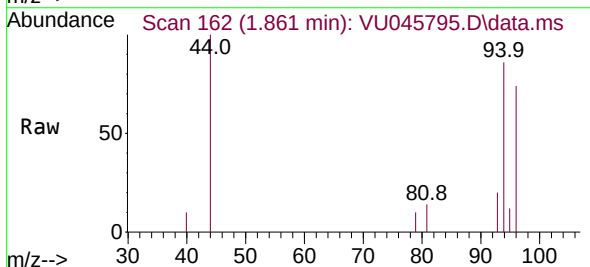
Instrument :
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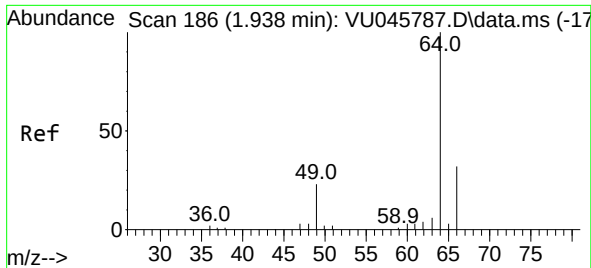
Tgt Ion: 62 Resp: 1928
 Ion Ratio Lower Upper
 62 100
 64 53.7 22.9 42.5#



#6
 Bromomethane
 Concen: 0.217 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. -0.000 min
 Lab File: VU045795.D
 Acq: 15 Nov 2021 16:36

Tgt Ion: 94 Resp: 1232
 Ion Ratio Lower Upper
 94 100
 96 85.9 65.5 121.6

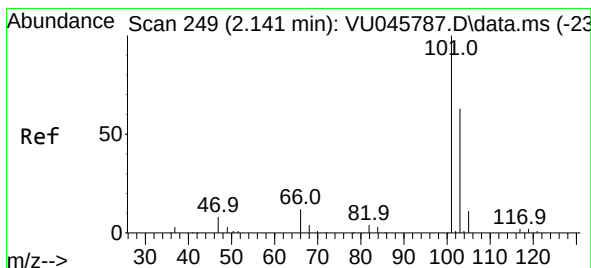
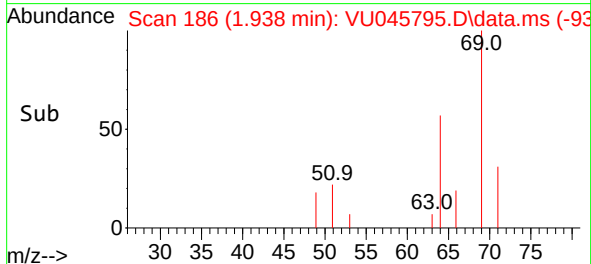
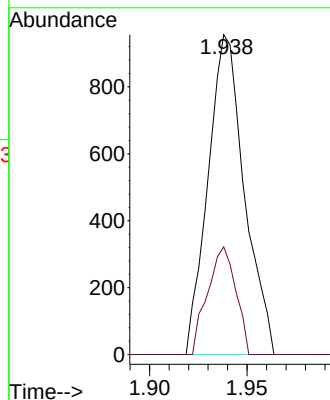
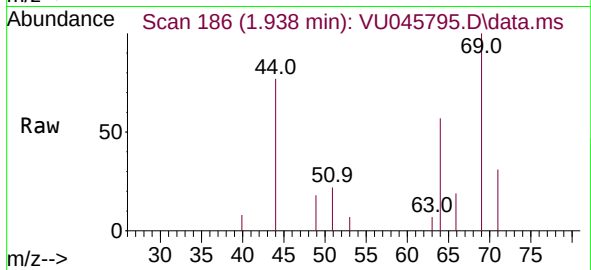




#8
Chloroethane
Concen: 0.227 ug/L
RT: 1.938 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU045795.D
Acq: 15 Nov 2021 16:36

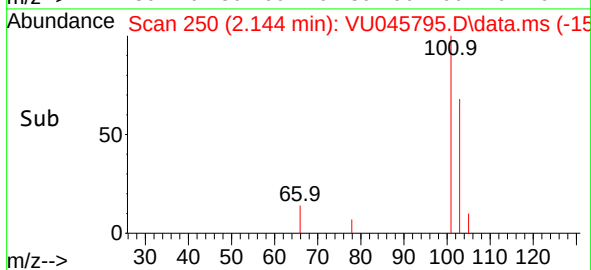
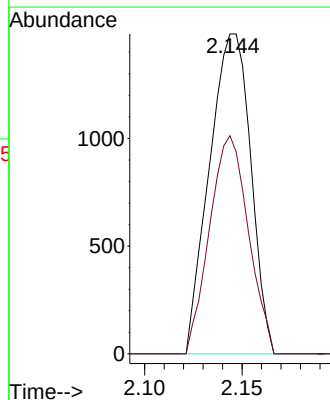
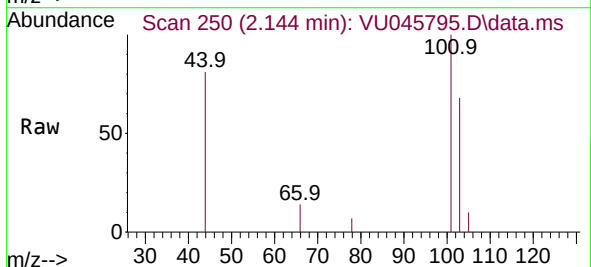
Instrument :
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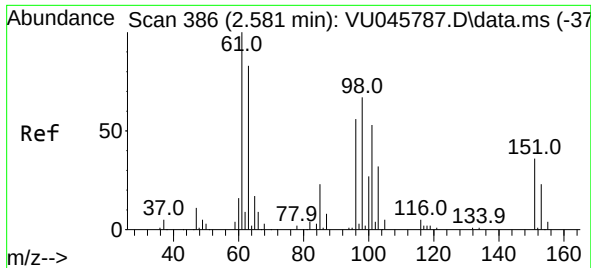
Tgt Ion: 64 Resp: 1239
Ion Ratio Lower Upper
64 100
66 33.7 22.1 41.1



#9
Trichlorofluoromethane
Concen: 0.177 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.003 min
Lab File: VU045795.D
Acq: 15 Nov 2021 16:36

Tgt Ion:101 Resp: 2190
Ion Ratio Lower Upper
101 100
103 64.2 51.5 77.3

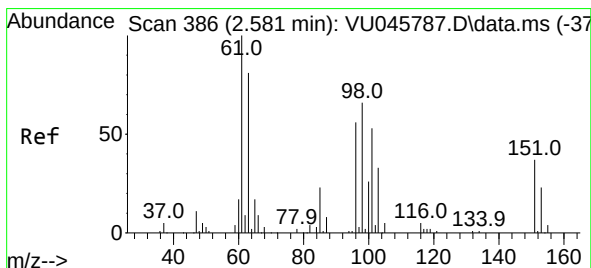
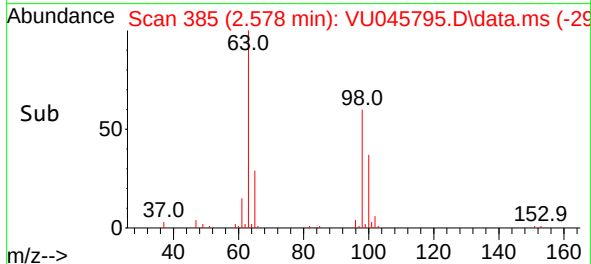
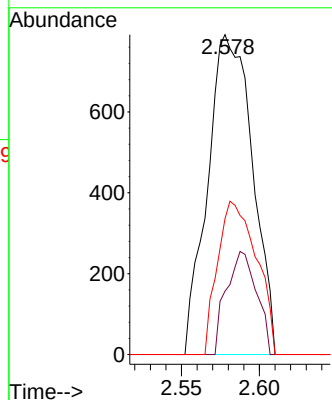
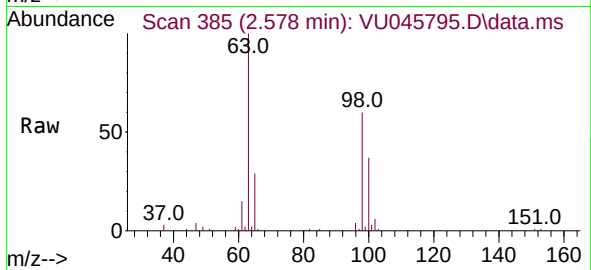




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.219 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.003 min
 Lab File: VU045795.D
 Acq: 15 Nov 2021 16:36

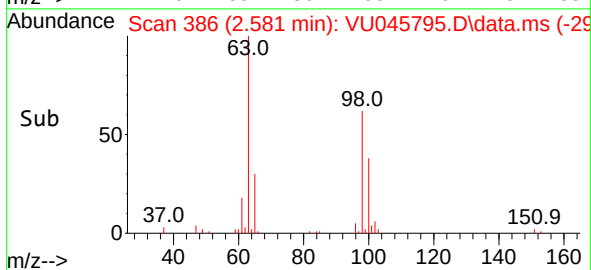
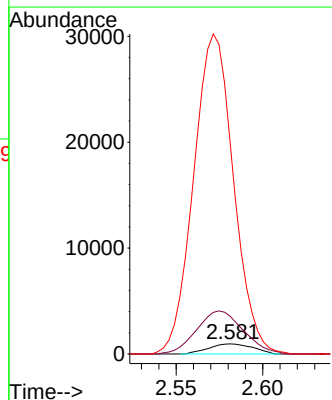
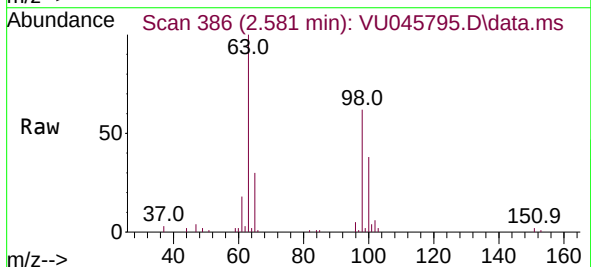
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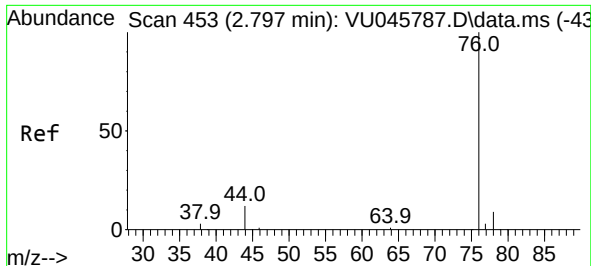
Tgt Ion:101 Resp: 1586
 Ion Ratio Lower Upper
 101 100
 85 21.6 34.6 51.8#
 151 41.4 56.1 84.1#



#12
 1,1-Dichloroethene
 Concen: 0.246 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. -0.000 min
 Lab File: VU045795.D
 Acq: 15 Nov 2021 16:36

Tgt Ion: 96 Resp: 1682
 Ion Ratio Lower Upper
 96 100
 61 376.7 124.7 231.5#
 63 2118.2 105.2 195.4#

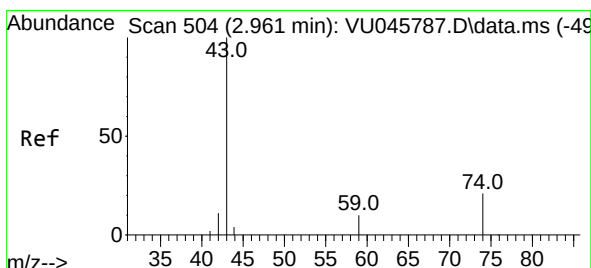
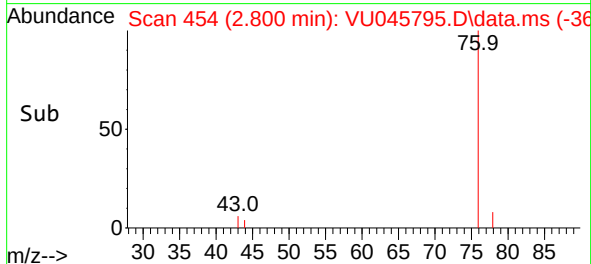
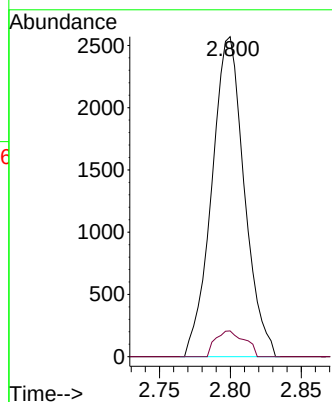
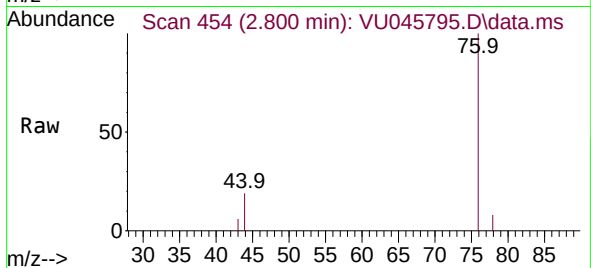




#14
Carbon disulfide
Concen: 0.190 ug/L
RT: 2.800 min Scan# 4106
Delta R.T. 0.003 min
Lab File: VU045795.D
Acq: 15 Nov 2021 16:36

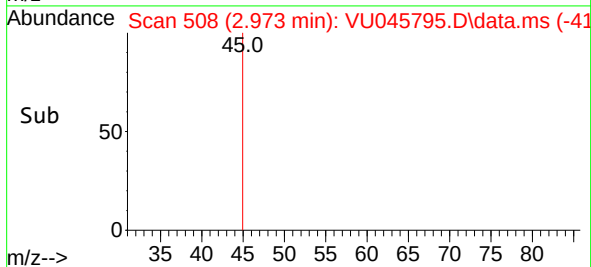
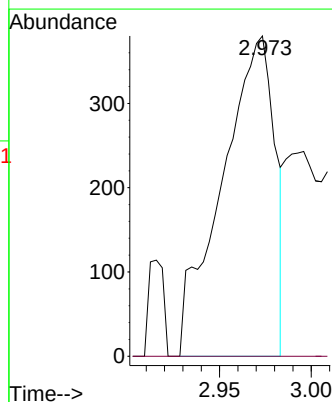
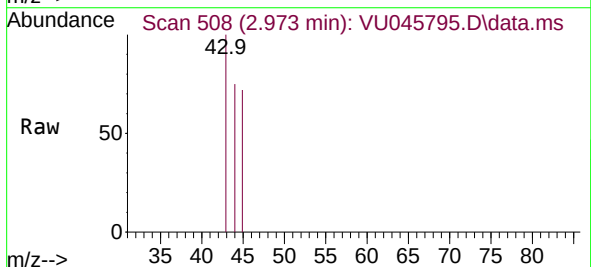
Instrument :
MSVOA_U
ClientSampleId :
MDL04

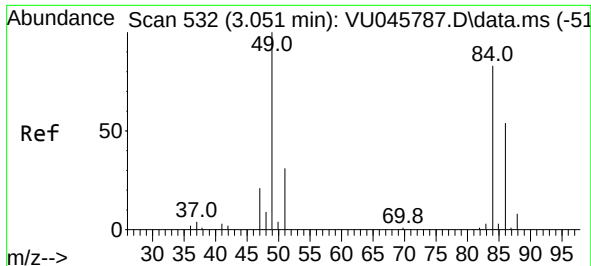
Tgt Ion: 76 Resp: 4106
Ion Ratio Lower Upper
76 100
78 8.1 7.5 11.3



#15
Methyl Acetate
Concen: 0.225 ug/L
RT: 2.973 min Scan# 508
Delta R.T. 0.013 min
Lab File: VU045795.D
Acq: 15 Nov 2021 16:36

Tgt Ion: 43 Resp: 762
Ion Ratio Lower Upper
43 100
74 0.0 19.1 28.7#

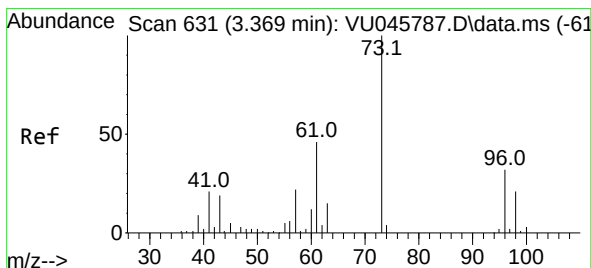
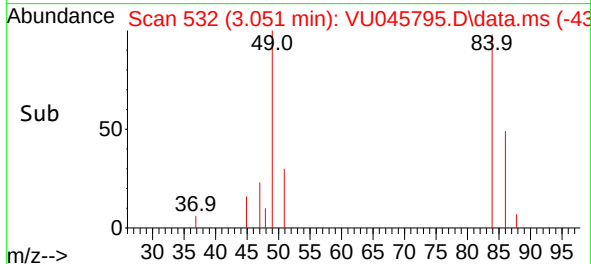
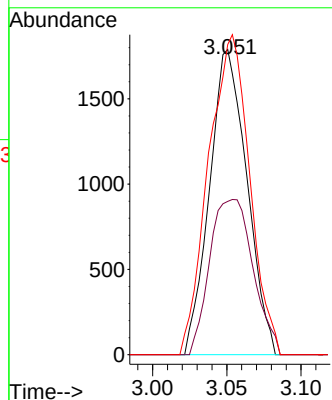
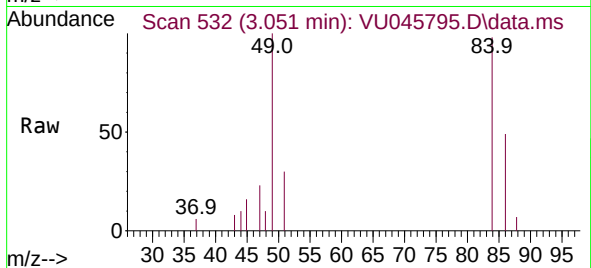




#16
Methylene chloride
Concen: 0.310 ug/L
RT: 3.051 min Scan# 511
Delta R.T. -0.000 min
Lab File: VU045795.D
Acq: 15 Nov 2021 16:36

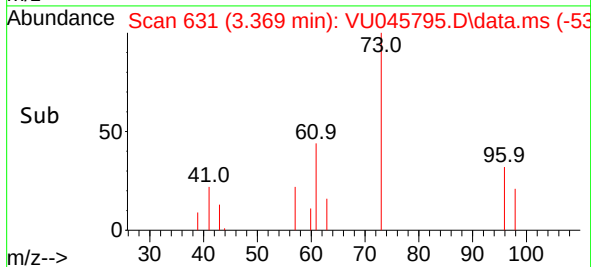
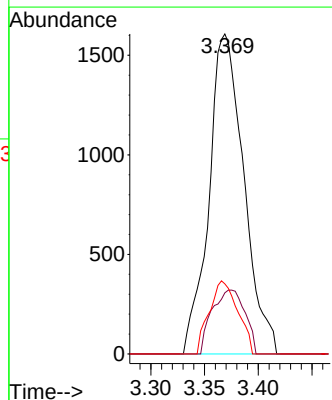
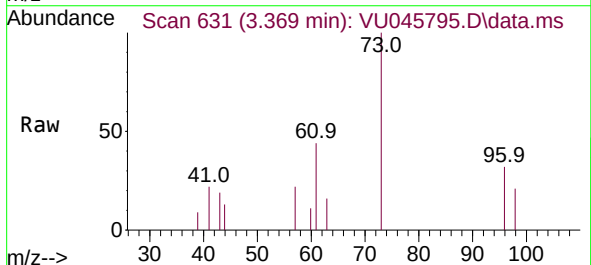
Instrument :
MSVOA_U
ClientSampleId :
MDL04

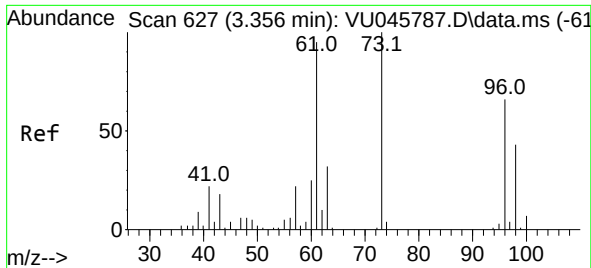
Tgt Ion: 84 Resp: 3132
Ion Ratio Lower Upper
84 100
86 50.2 45.8 85.0
49 101.6 84.5 156.9



#17
Methyl tert-butyl Ether
Concen: 0.203 ug/L
RT: 3.369 min Scan# 631
Delta R.T. -0.000 min
Lab File: VU045795.D
Acq: 15 Nov 2021 16:36

Tgt Ion: 73 Resp: 3624
Ion Ratio Lower Upper
73 100
43 18.8 14.8 22.2
57 18.7 17.4 26.0

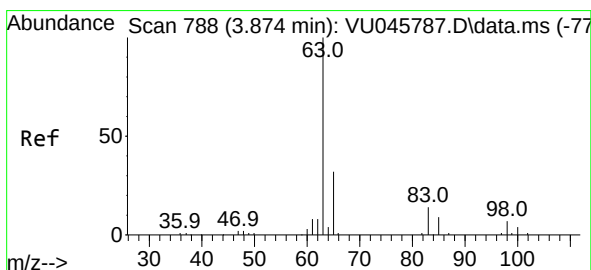
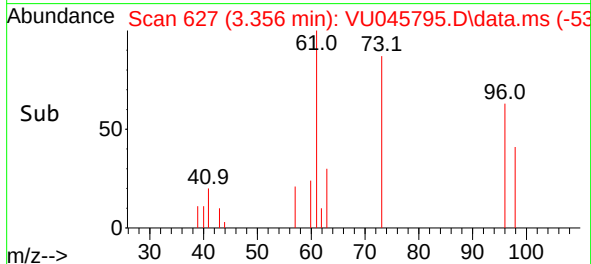
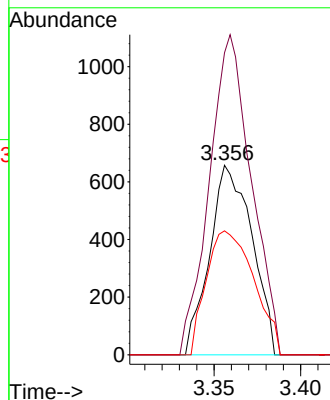
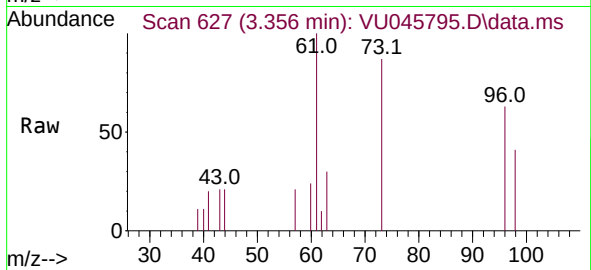




#18
trans-1,2-Dichloroethene
Concen: 0.153 ug/L
RT: 3.356 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU045795.D
Acq: 15 Nov 2021 16:36

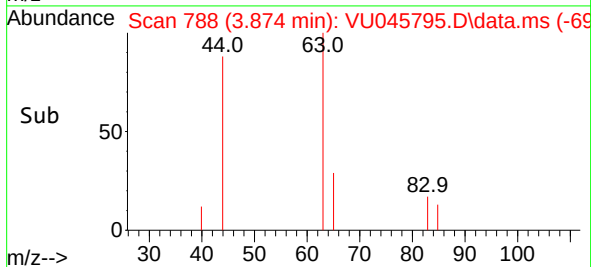
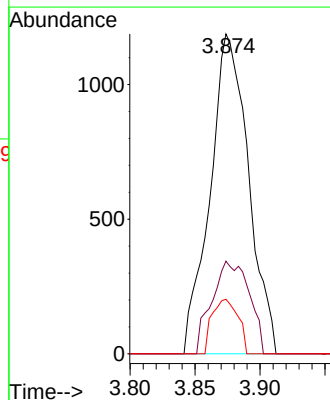
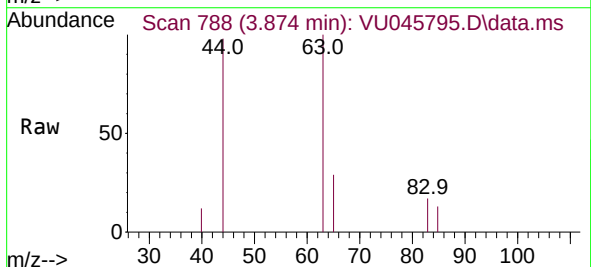
Instrument :
MSVOA_U
ClientSampleId :
MDL04

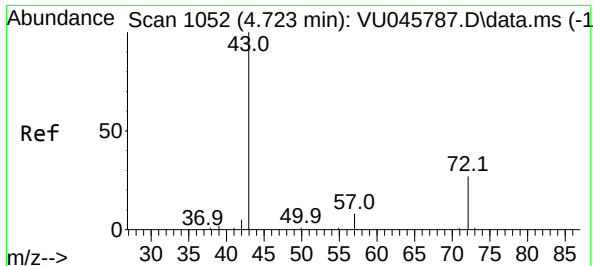
Tgt Ion: 96 Resp: 1121
Ion Ratio Lower Upper
96 100
61 159.3 100.8 187.2
98 65.3 45.1 83.7



#19
1,1-Dichloroethane
Concen: 0.177 ug/L
RT: 3.874 min Scan# 788
Delta R.T. -0.000 min
Lab File: VU045795.D
Acq: 15 Nov 2021 16:36

Tgt Ion: 63 Resp: 2438
Ion Ratio Lower Upper
63 100
65 29.0 22.3 41.5
83 17.1 9.6 17.8





#21

2-Butanone

Concen: 2.072 ug/L

RT: 4.735 min Scan# 1056

Delta R.T. 0.013 min

Lab File: VU045795.D

Acq: 15 Nov 2021 16:36

Instrument :

MSVOA_U

ClientSampleId :

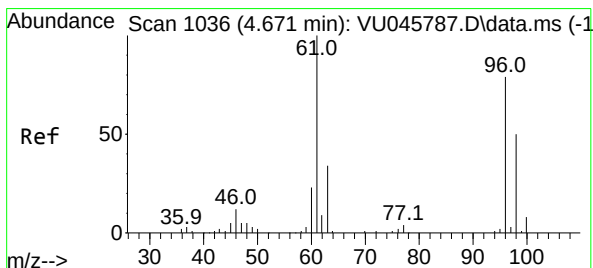
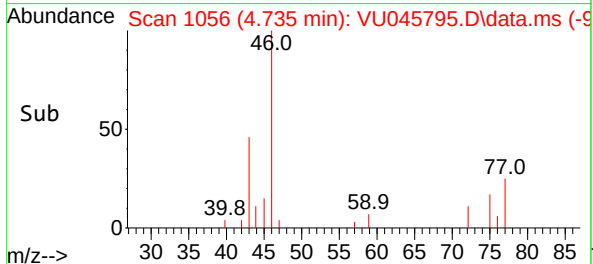
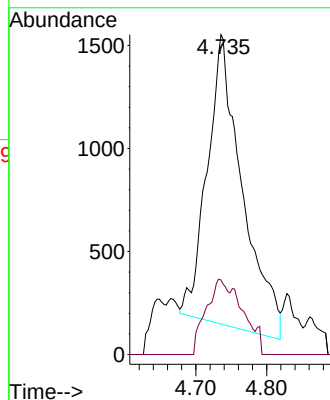
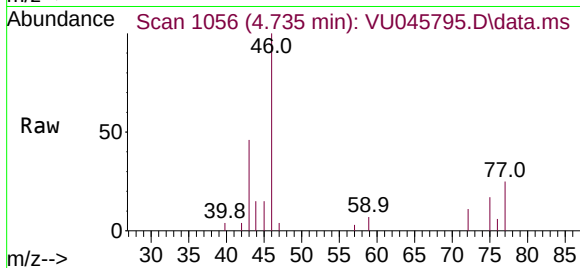
MDL04

Tgt Ion: 43 Resp: 4818

Ion Ratio Lower Upper

43 100

72 16.7 14.1 42.3



#22

cis-1,2-Dichloroethene

Concen: 0.192 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VU045795.D

Acq: 15 Nov 2021 16:36

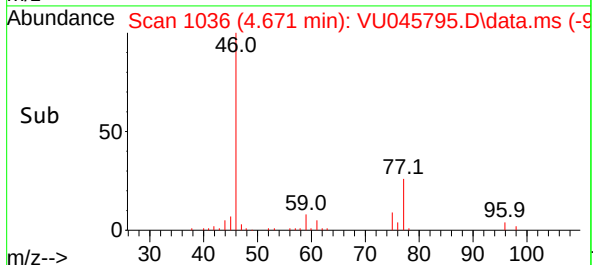
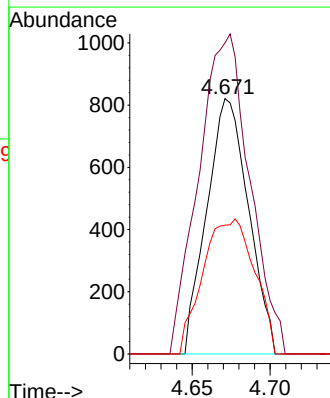
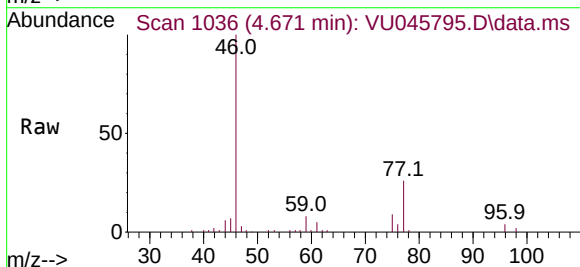
Tgt Ion: 96 Resp: 1526

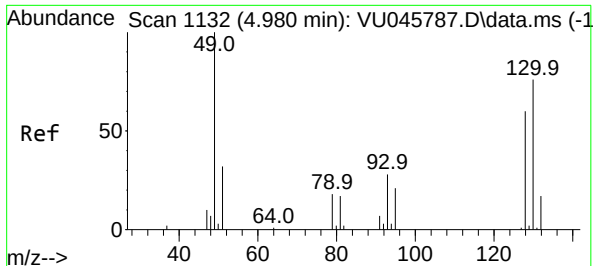
Ion Ratio Lower Upper

96 100

61 121.8 88.5 164.3

98 50.4 44.4 82.5





#23

Bromochloromethane

Concen: 0.185 ug/L

RT: 4.980 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VU045795.D

Acq: 15 Nov 2021 16:36

Instrument :

MSVOA_U

ClientSampleId :

MDL04

Tgt Ion:128 Resp: 642

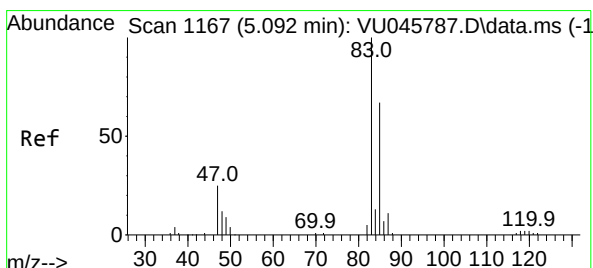
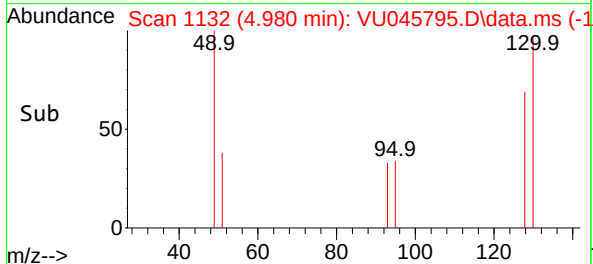
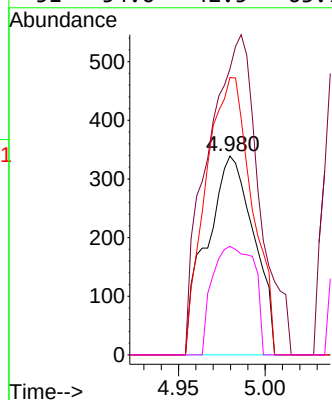
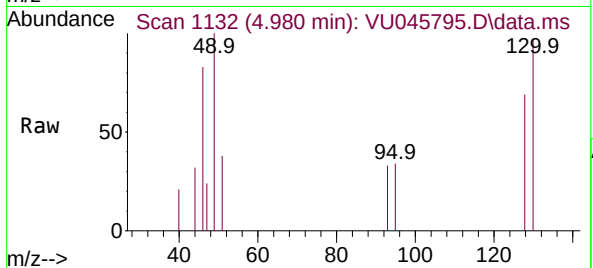
Ion Ratio Lower Upper

128 100

49 144.0 117.0 217.2

130 139.5 88.2 163.8

51 54.6 42.5 63.7



#25

Chloroform

Concen: 0.368 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. -0.003 min

Lab File: VU045795.D

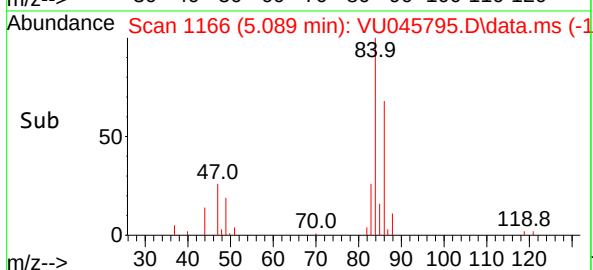
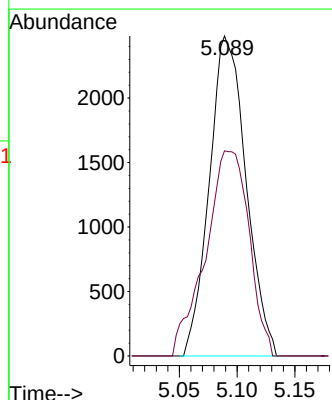
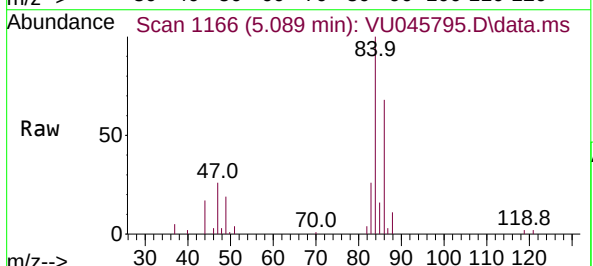
Acq: 15 Nov 2021 16:36

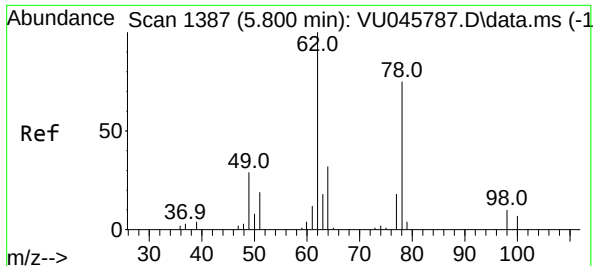
Tgt Ion: 83 Resp: 5485

Ion Ratio Lower Upper

83 100

85 64.1 46.9 87.1





#27

1,2-Dichloroethane

Concen: 0.198 ug/L

RT: 5.800 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU045795.D

Acq: 15 Nov 2021 16:36

Instrument :

MSVOA_U

ClientSampleId :

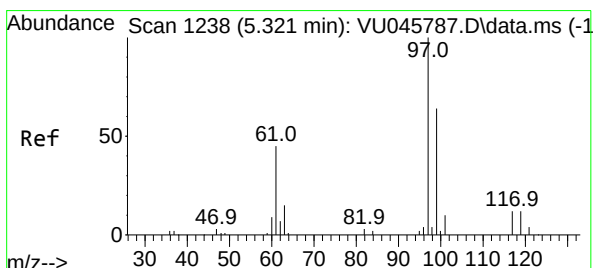
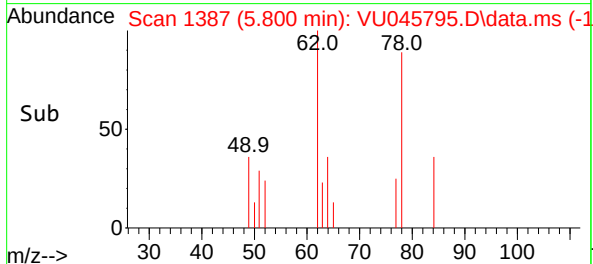
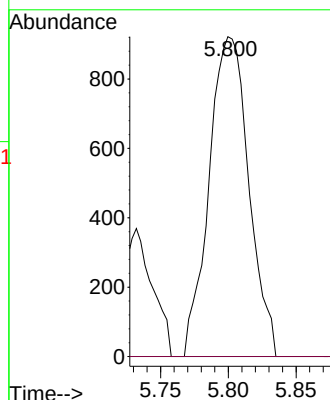
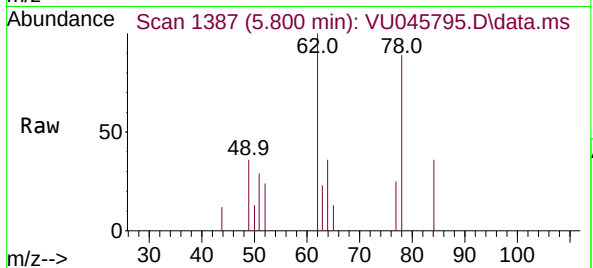
MDL04

Tgt Ion: 62 Resp: 1882

Ion Ratio Lower Upper

62 100

98 0.0 7.8 11.8#



#29

1,1,1-Trichloroethane

Concen: 0.161 ug/L

RT: 5.324 min Scan# 1239

Delta R.T. 0.003 min

Lab File: VU045795.D

Acq: 15 Nov 2021 16:36

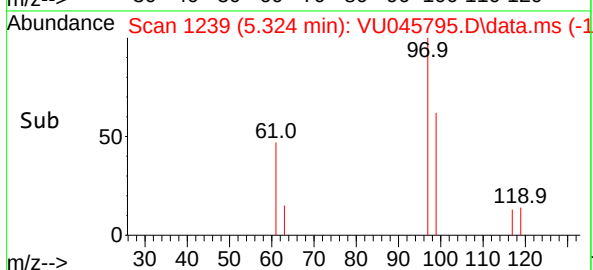
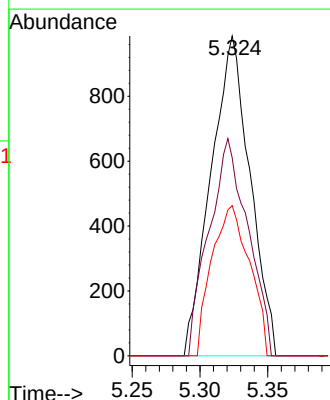
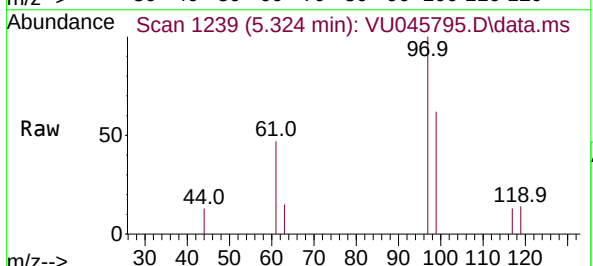
Tgt Ion: 97 Resp: 1971

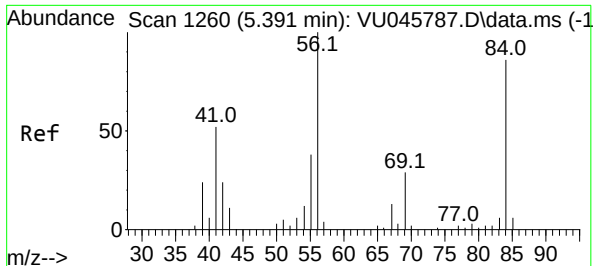
Ion Ratio Lower Upper

97 100

99 68.1 51.3 76.9

61 45.4 36.1 54.1





#30

Cyclohexane

Concen: 0.148 ug/L

RT: 5.394 min Scan# 1260

Delta R.T. 0.003 min

Lab File: VU045795.D

Acq: 15 Nov 2021 16:36

Instrument :

MSVOA_U

ClientSampleId :

MDL04

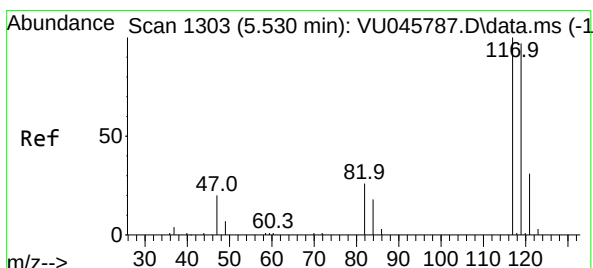
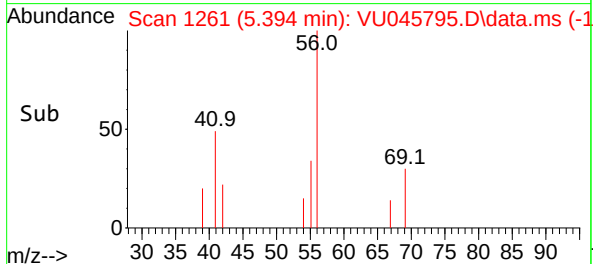
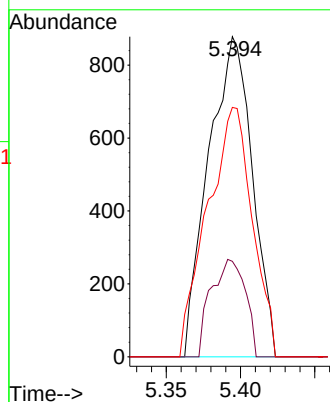
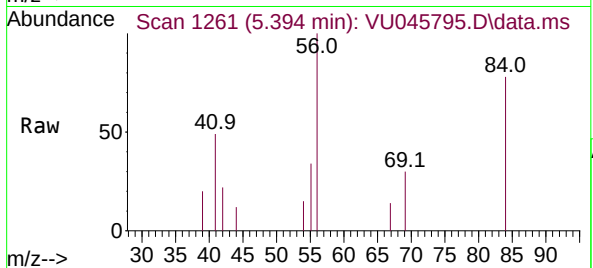
Tgt Ion: 56 Resp: 1799

Ion Ratio Lower Upper

56 100

69 23.6 24.7 37.1#

84 79.8 71.8 107.6



#31

Carbon tetrachloride

Concen: 0.165 ug/L

RT: 5.530 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VU045795.D

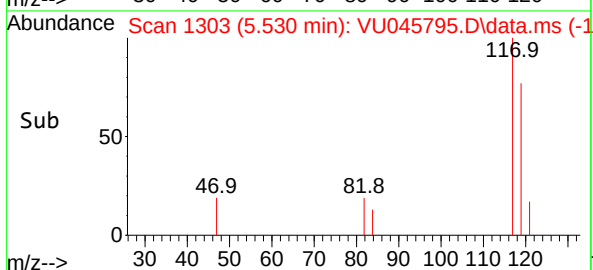
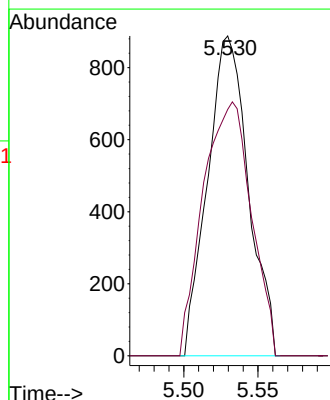
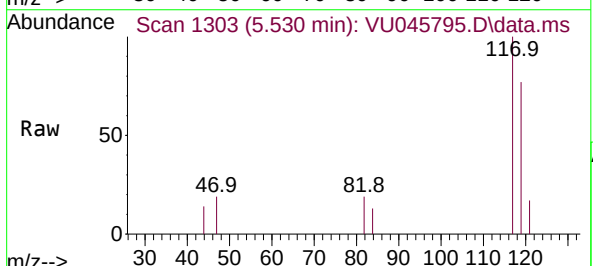
Acq: 15 Nov 2021 16:36

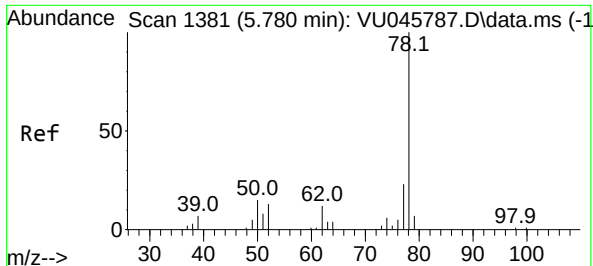
Tgt Ion: 117 Resp: 1698

Ion Ratio Lower Upper

117 100

119 93.7 77.5 116.3





#33

Benzene

Concen: 0.191 ug/L

RT: 5.780 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU045795.D

Acq: 15 Nov 2021 16:36

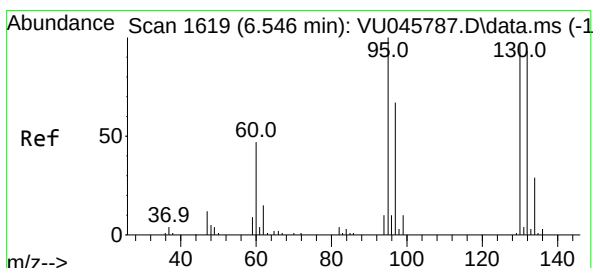
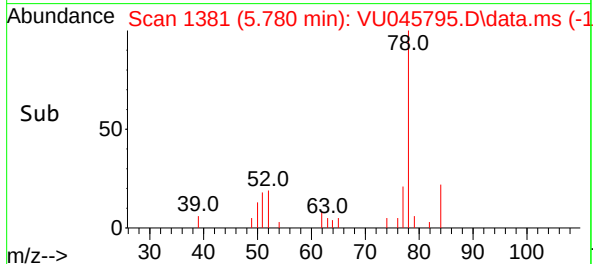
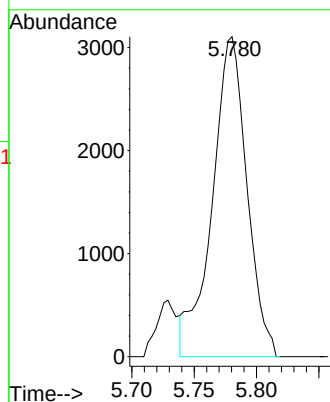
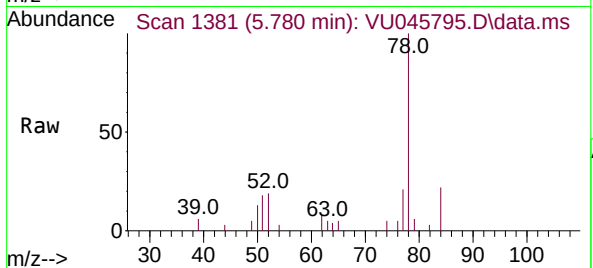
Instrument :

MSVOA_U

ClientSampleId :

MDL04

Tgt Ion: 78 Resp: 6010



#34

Trichloroethene

Concen: 0.186 ug/L

RT: 6.549 min Scan# 1620

Delta R.T. 0.003 min

Lab File: VU045795.D

Acq: 15 Nov 2021 16:36

Tgt Ion: 95 Resp: 1507

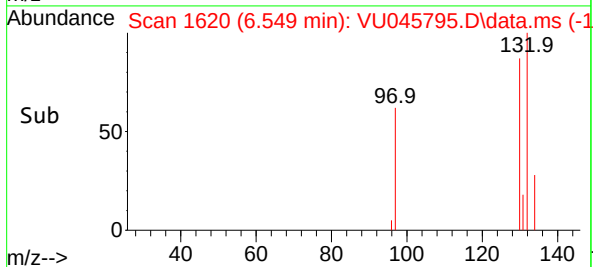
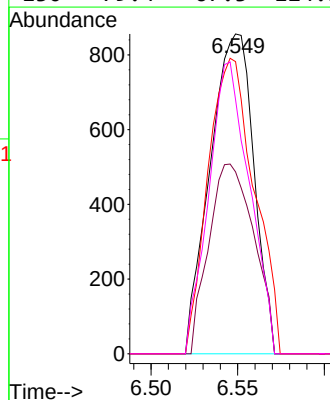
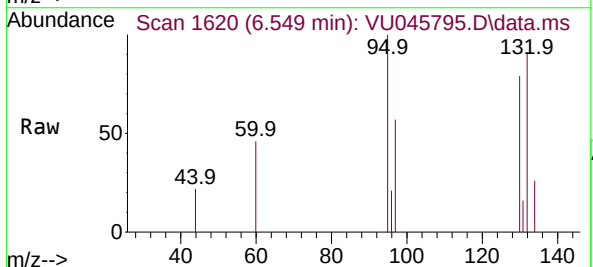
Ion Ratio Lower Upper

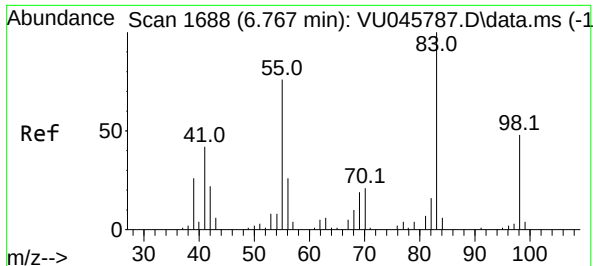
95 100

97 56.9 46.5 86.5

132 91.4 65.1 120.9

130 79.4 67.3 124.9

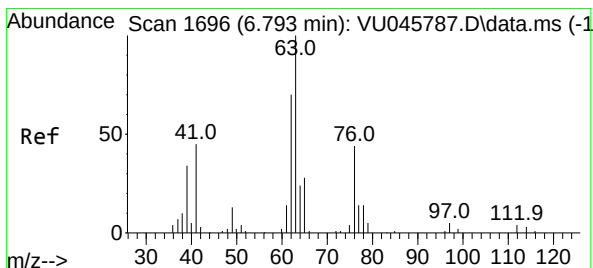
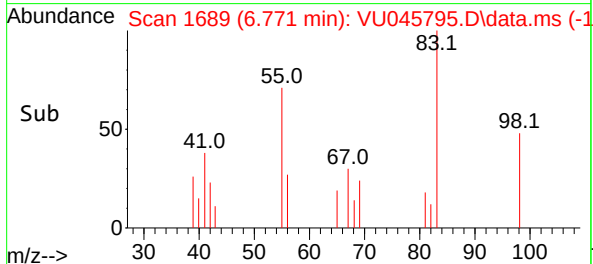
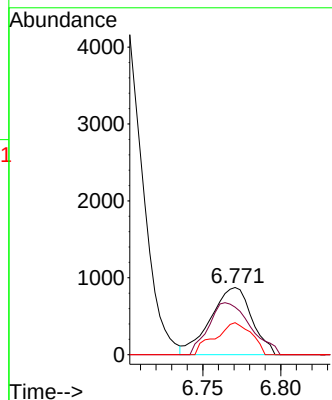
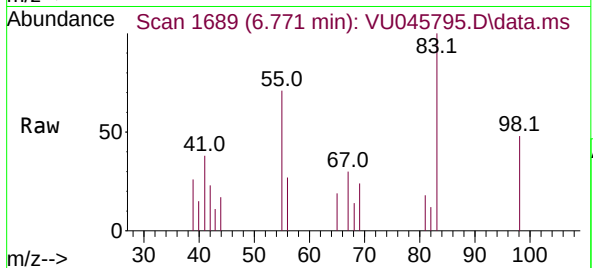




#35
Methylcyclohexane
Concen: 0.128 ug/L
RT: 6.771 min Scan# 1689
Delta R.T. 0.003 min
Lab File: VU045795.D
Acq: 15 Nov 2021 16:36

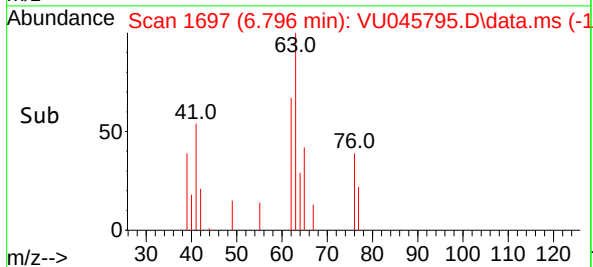
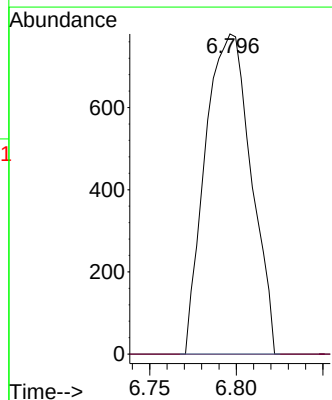
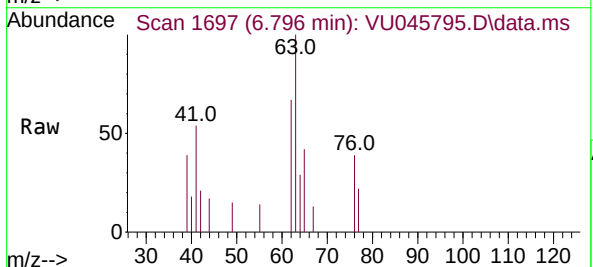
Instrument :
MSVOA_U
ClientSampleId :
MDL04

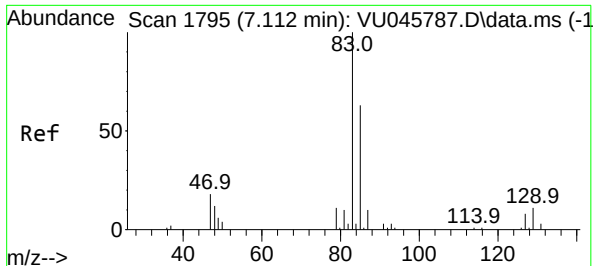
Tgt Ion: 83	Resp:	1599
Ion Ratio	Lower	Upper
83	100	
55	78.4	61.9 92.9
98	42.2	39.0 58.6



#37
1,2-Dichloropropane
Concen: 0.173 ug/L
RT: 6.796 min Scan# 1697
Delta R.T. 0.003 min
Lab File: VU045795.D
Acq: 15 Nov 2021 16:36

Tgt Ion: 63	Resp:	1433
Ion Ratio	Lower	Upper
63	100	
112	0.0	3.2 4.8#





#38

Bromodichloromethane

Concen: 0.184 ug/L

RT: 7.108 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU045795.D

Acq: 15 Nov 2021 16:36

Instrument :

MSVOA_U

ClientSampleId :

MDL04

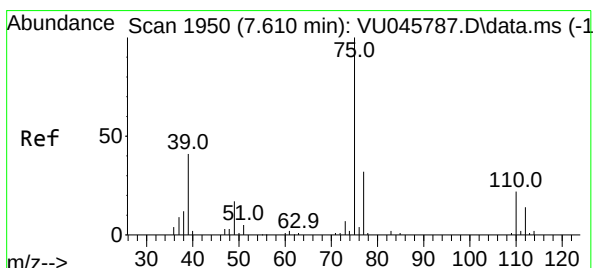
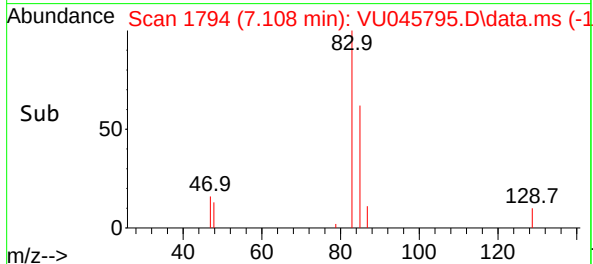
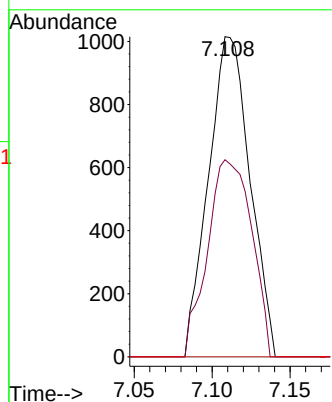
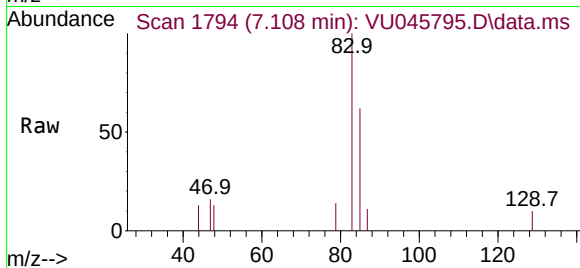
Tgt Ion: 83 Resp: 1879

Ion Ratio Lower Upper

83 100

85 61.6 44.0 81.8

127 0.0 6.3 9.5#



#39

cis-1,3-Dichloropropene

Concen: 0.161 ug/L

RT: 7.613 min Scan# 1951

Delta R.T. 0.003 min

Lab File: VU045795.D

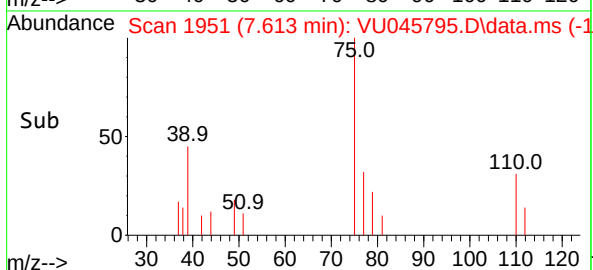
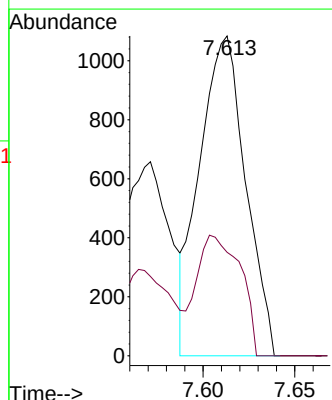
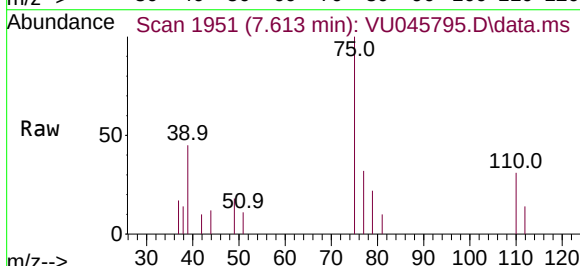
Acq: 15 Nov 2021 16:36

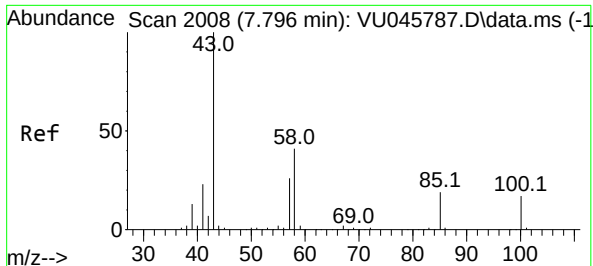
Tgt Ion: 75 Resp: 1894

Ion Ratio Lower Upper

75 100

77 32.4 22.5 41.9





#40

4-Methyl-2-pentanone

Concen: 1.959 ug/L

RT: 7.796 min Scan# 2008

Delta R.T. -0.000 min

Lab File: VU045795.D

Acq: 15 Nov 2021 16:36

Instrument :

MSVOA_U

ClientSampleId :

MDL04

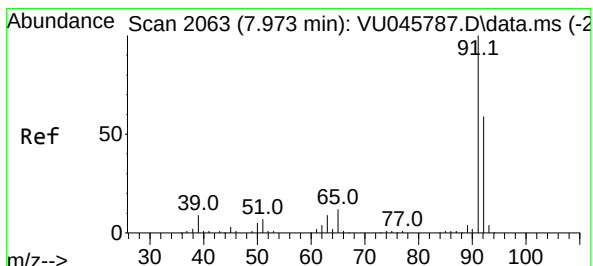
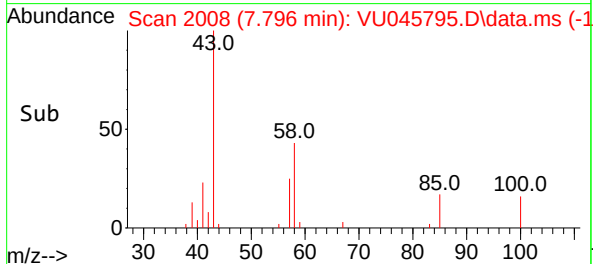
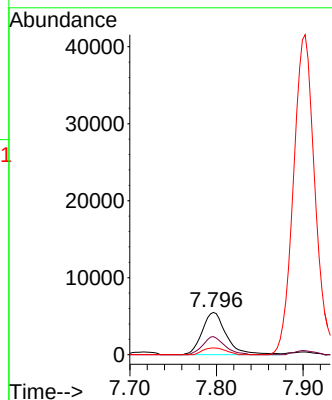
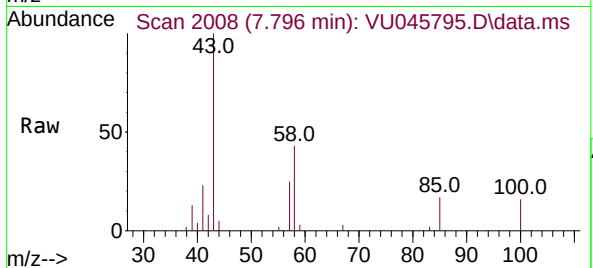
Tgt Ion: 43 Resp: 10648

Ion Ratio Lower Upper

43 100

58 38.3 33.1 49.7

100 0.0 13.2 19.8#



#42

Toluene

Concen: 0.221 ug/L

RT: 7.973 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VU045795.D

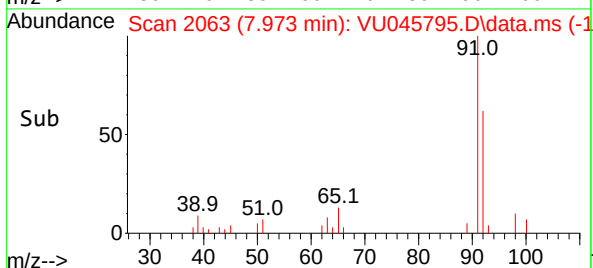
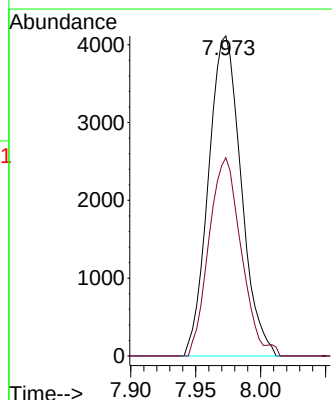
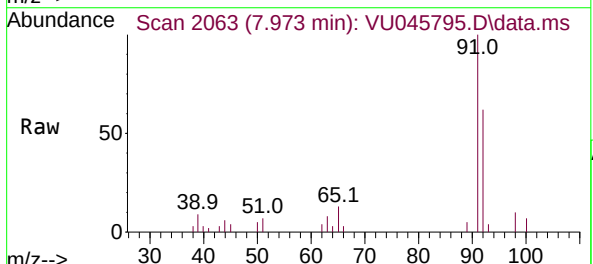
Acq: 15 Nov 2021 16:36

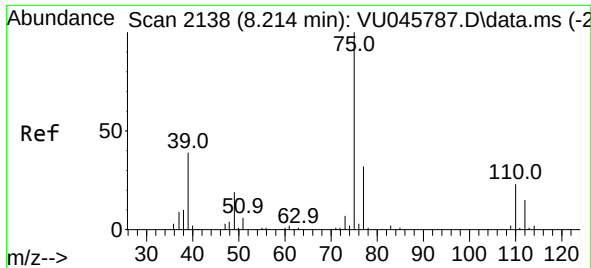
Tgt Ion: 91 Resp: 7189

Ion Ratio Lower Upper

91 100

92 61.9 41.3 76.7

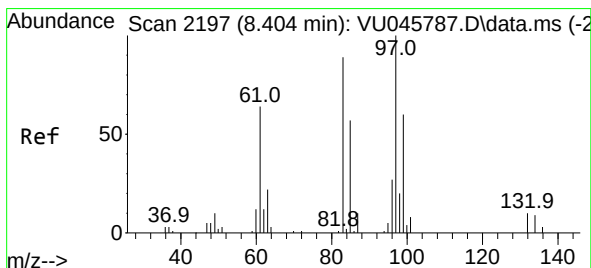
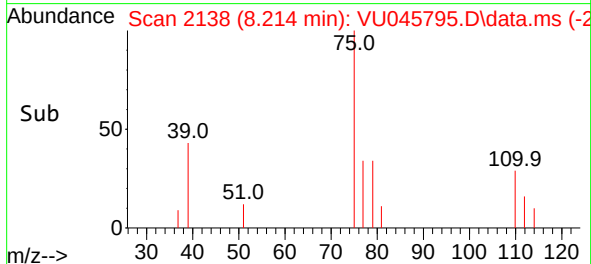
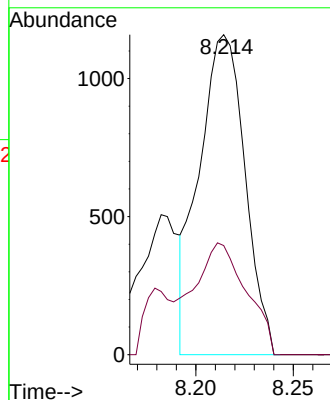
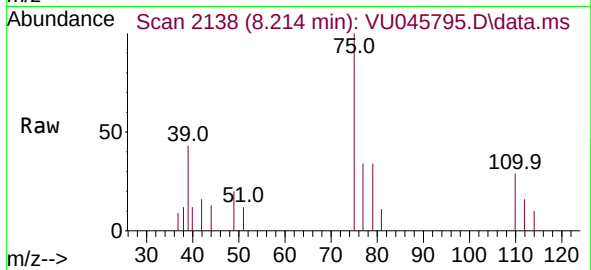




#44
trans-1,3-Dichloropropene
Concen: 0.185 ug/L
RT: 8.214 min Scan# 2138
Delta R.T. -0.000 min
Lab File: VU045795.D
Acq: 15 Nov 2021 16:36

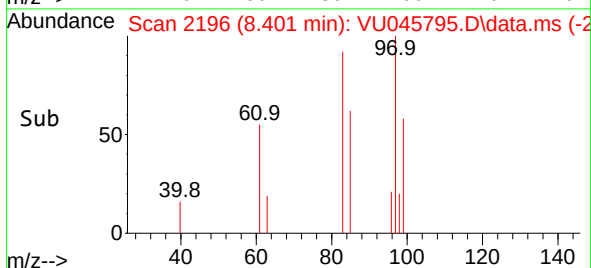
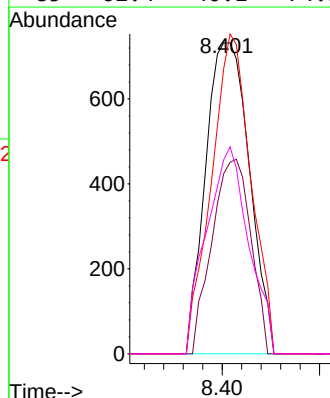
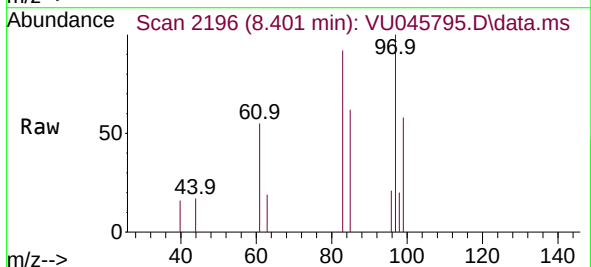
Instrument :
MSVOA_U
ClientSampleId :
MDL04

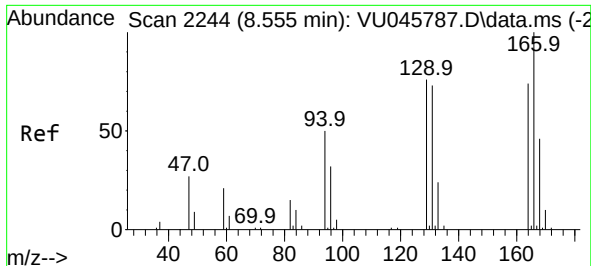
Tgt Ion: 75 Resp: 1894
Ion Ratio Lower Upper
75 100
77 34.1 22.7 42.3



#45
1,1,2-Trichloroethane
Concen: 0.186 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.003 min
Lab File: VU045795.D
Acq: 15 Nov 2021 16:36

Tgt Ion: 97 Resp: 1147
Ion Ratio Lower Upper
97 100
99 57.9 42.3 78.5
83 91.8 62.0 115.2
85 62.4 40.1 74.5





#47

Tetrachloroethene

Concen: 0.151 ug/L

RT: 8.555 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU045795.D

Acq: 15 Nov 2021 16:36

Instrument :

MSVOA_U

ClientSampleId :

MDL04

Tgt Ion:164 Resp: 857

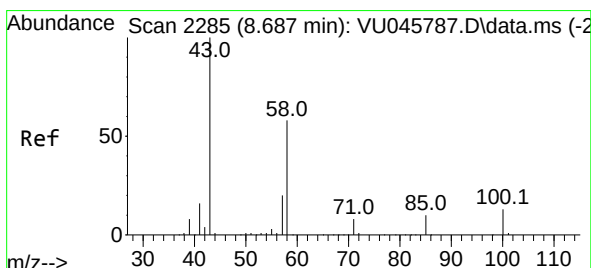
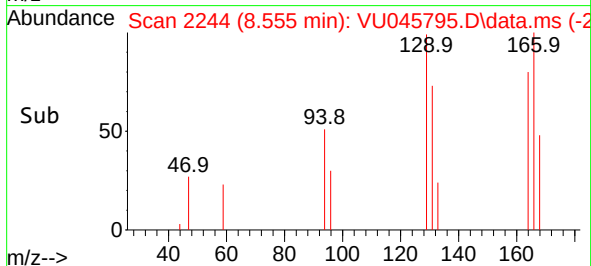
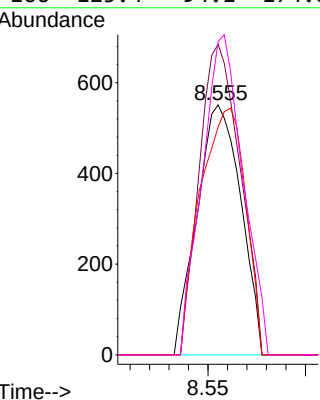
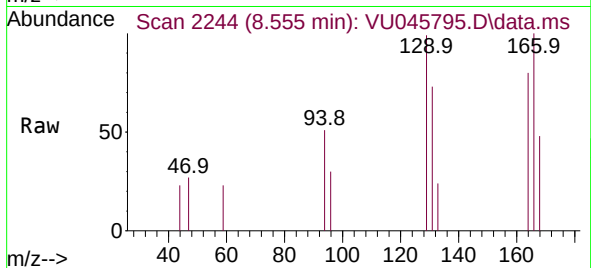
Ion Ratio Lower Upper

164 100

129 124.3 71.8 133.4

131 91.1 68.5 127.3

166 125.4 94.1 174.8



#48

2-Hexanone

Concen: 4.128 ug/L

RT: 8.690 min Scan# 2286

Delta R.T. 0.003 min

Lab File: VU045795.D

Acq: 15 Nov 2021 16:36

Tgt Ion: 43 Resp: 16212

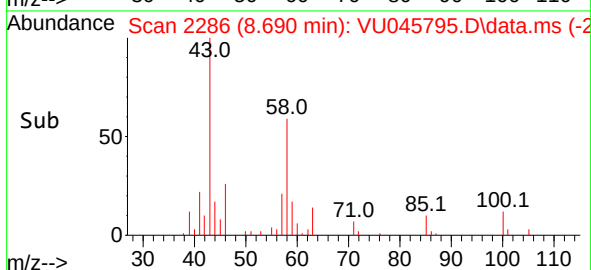
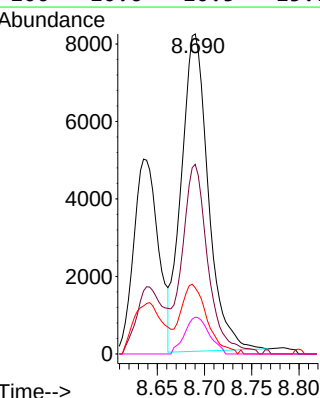
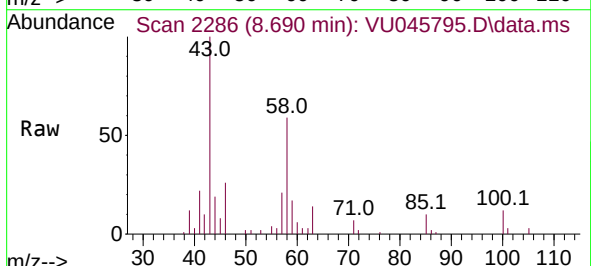
Ion Ratio Lower Upper

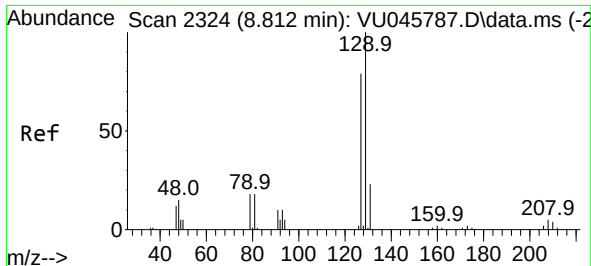
43 100

58 56.5 46.7 70.1

57 21.8 16.3 24.5

100 10.6 10.5 15.7





#49

Dibromochloromethane

Concen: 0.183 ug/L

RT: 8.812 min Scan# 2324

Delta R.T. -0.000 min

Lab File: VU045795.D

Acq: 15 Nov 2021 16:36

Instrument :

MSVOA_U

ClientSampleId :

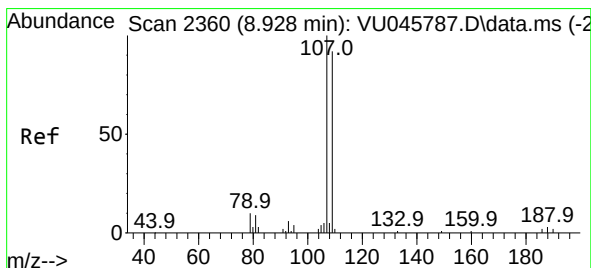
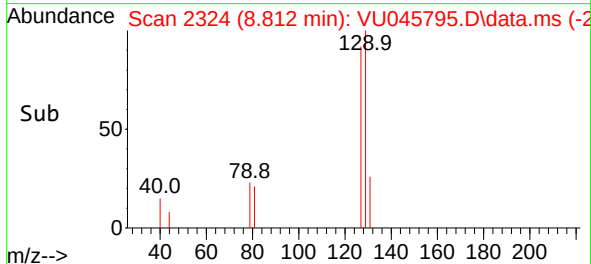
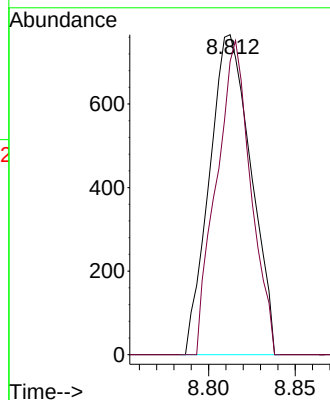
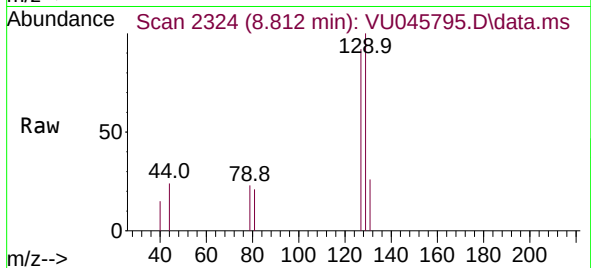
MDL04

Tgt Ion:129 Resp: 1279

Ion Ratio Lower Upper

129 100

127 91.6 55.4 102.8



#50

1,2-Dibromoethane

Concen: 0.174 ug/L

RT: 8.928 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VU045795.D

Acq: 15 Nov 2021 16:36

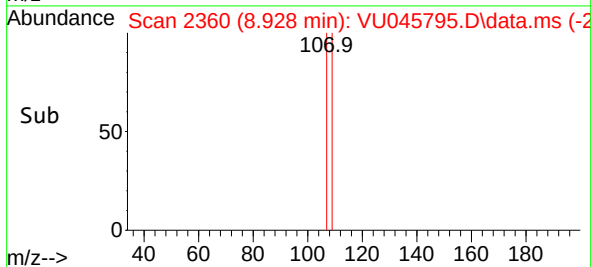
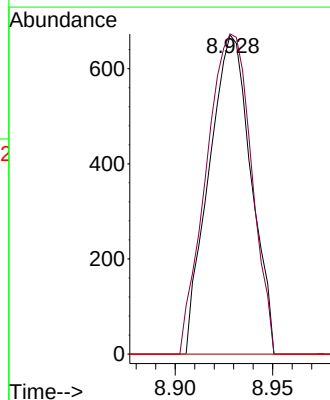
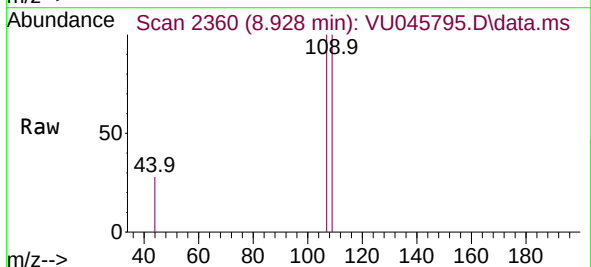
Tgt Ion:107 Resp: 1008

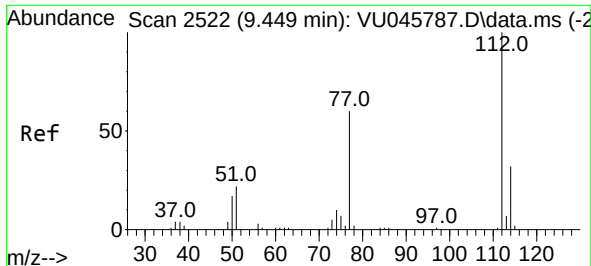
Ion Ratio Lower Upper

107 100

109 100.3 64.0 119.0

188 0.0 2.4 3.6#

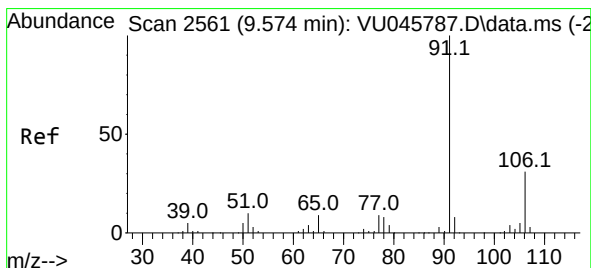
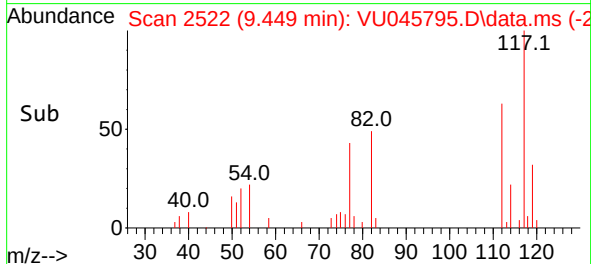
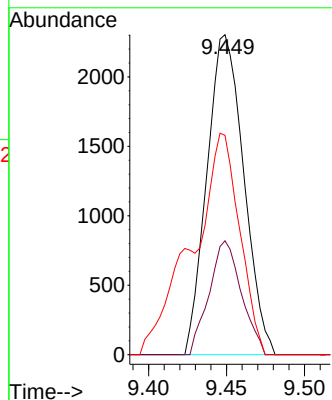
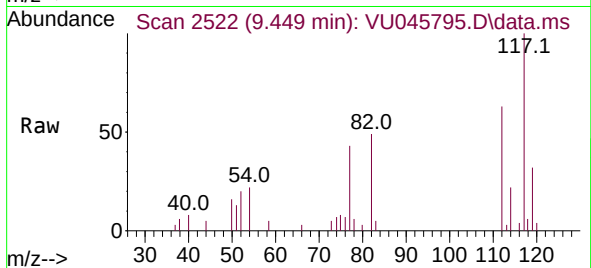




#51
Chlorobenzene
Concen: 0.185 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. -0.000 min
Lab File: VU045795.D
Acq: 15 Nov 2021 16:36

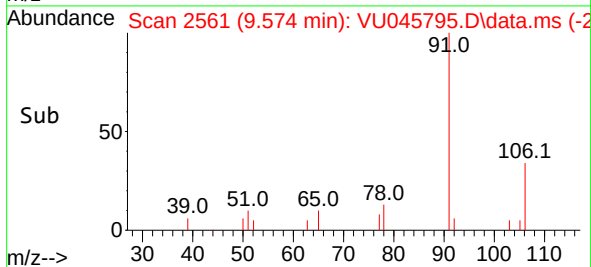
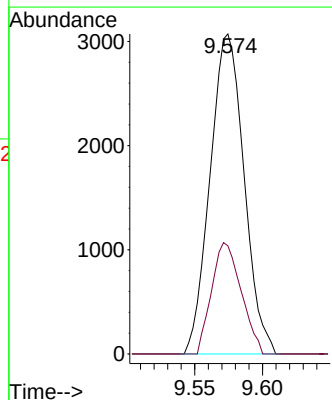
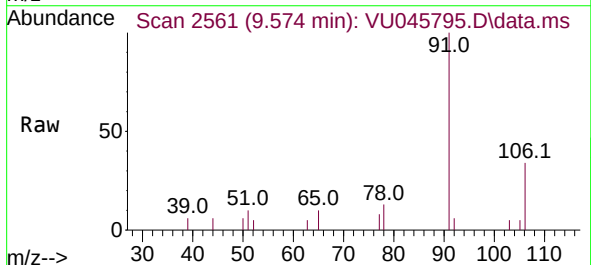
Instrument :
MSVOA_U
ClientSampleId :
MDL04

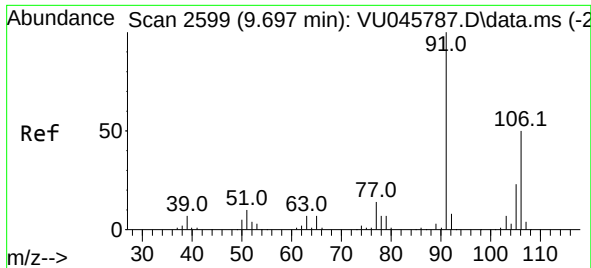
Tgt Ion:112 Resp: 3778
Ion Ratio Lower Upper
112 100
114 35.6 22.1 41.1
77 68.6 48.3 72.5



#52
Ethylbenzene
Concen: 0.157 ug/L
RT: 9.574 min Scan# 2561
Delta R.T. -0.000 min
Lab File: VU045795.D
Acq: 15 Nov 2021 16:36

Tgt Ion: 91 Resp: 5358
Ion Ratio Lower Upper
91 100
106 33.8 21.5 39.9

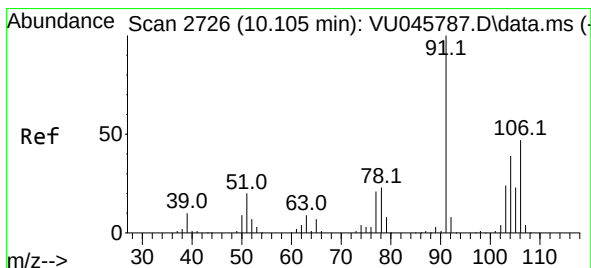
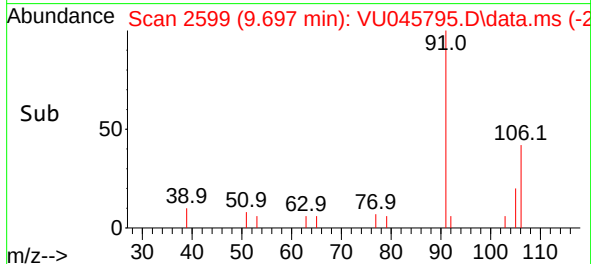
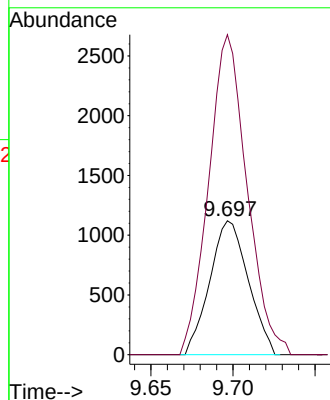
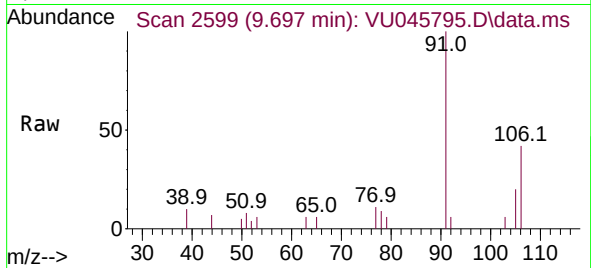




#53
m,p-Xylene
Concen: 0.140 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU045795.D
Acq: 15 Nov 2021 16:36

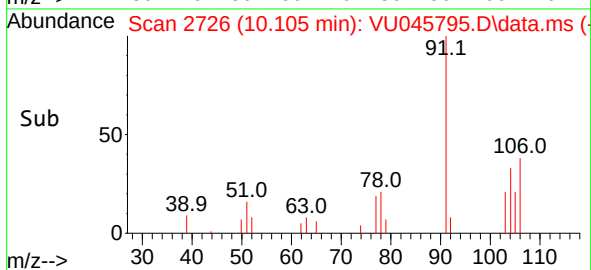
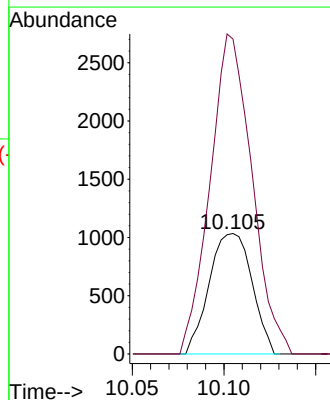
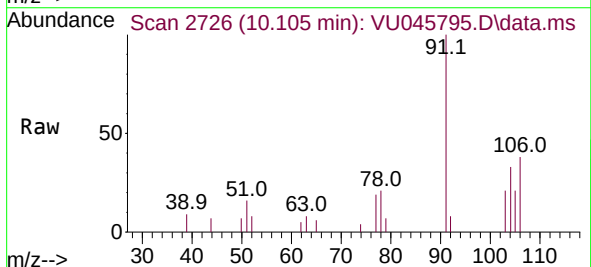
Instrument :
MSVOA_U
ClientSampleId :
MDL04

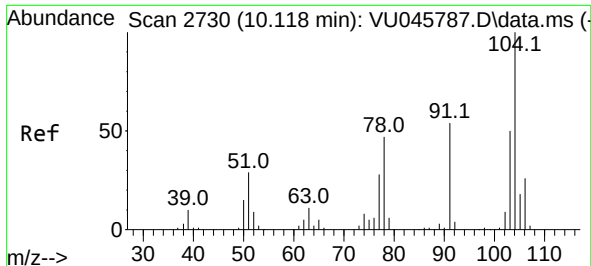
Tgt Ion:106 Resp: 1827
Ion Ratio Lower Upper
106 100
91 238.9 139.4 259.0



#54
o-Xylene
Concen: 0.133 ug/L
RT: 10.105 min Scan# 2726
Delta R.T. -0.000 min
Lab File: VU045795.D
Acq: 15 Nov 2021 16:36

Tgt Ion:106 Resp: 1676
Ion Ratio Lower Upper
106 100
91 261.2 147.5 273.9

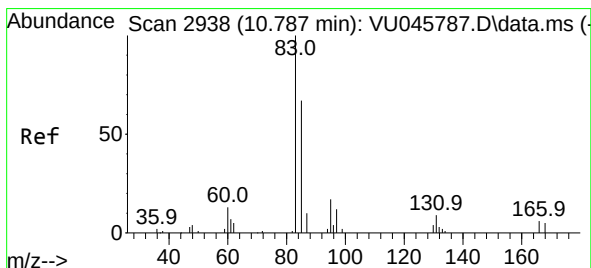
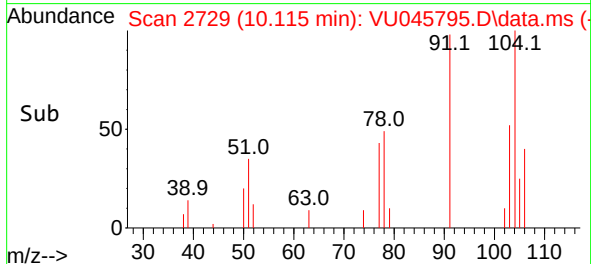
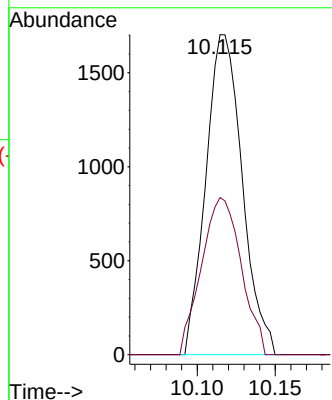
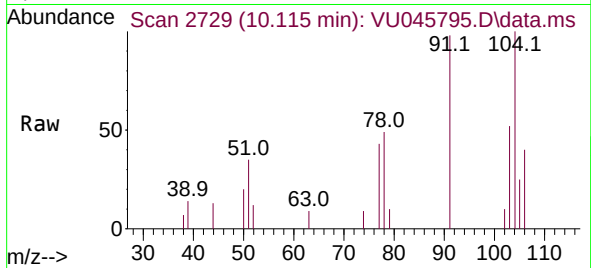




#55
Styrene
Concen: 0.131 ug/L
RT: 10.115 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU045795.D
Acq: 15 Nov 2021 16:36

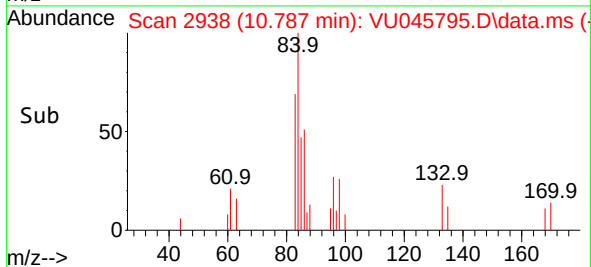
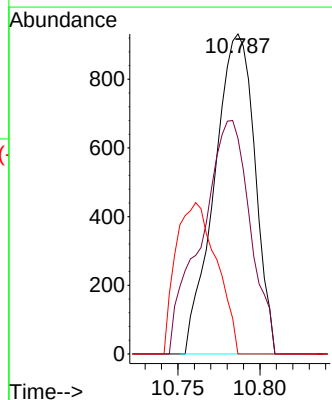
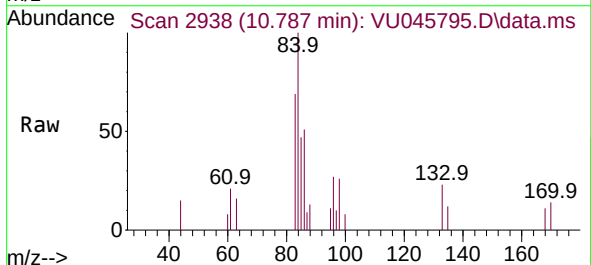
Instrument :
MSVOA_U
ClientSampleId :
MDL04

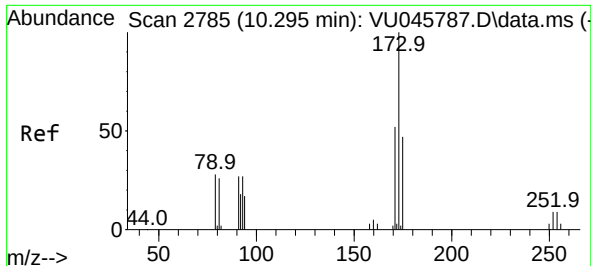
Tgt Ion:104 Resp: 2766
Ion Ratio Lower Upper
104 100
78 49.1 33.0 61.4



#57
1,1,2,2-Tetrachloroethane
Concen: 0.203 ug/L
RT: 10.787 min Scan# 2938
Delta R.T. -0.000 min
Lab File: VU045795.D
Acq: 15 Nov 2021 16:36

Tgt Ion: 83 Resp: 1597
Ion Ratio Lower Upper
83 100
85 67.4 47.9 89.1
131 0.0 8.1 12.1#

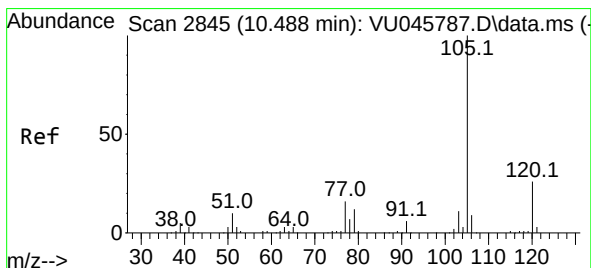
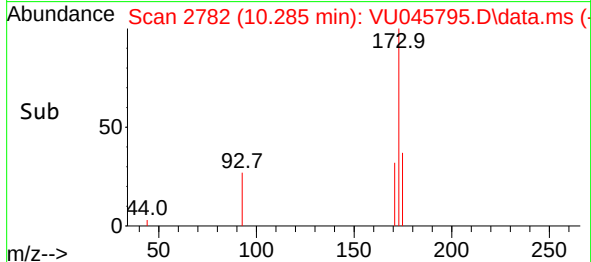
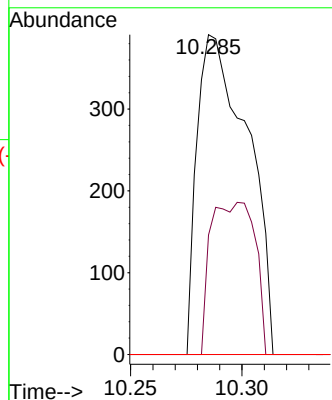
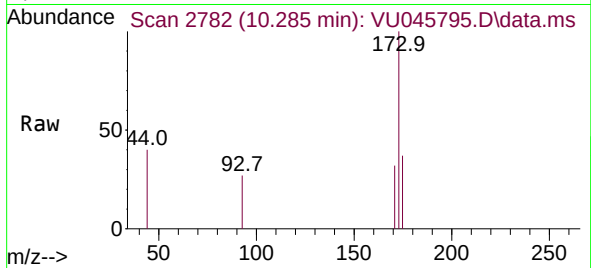




#59
Bromoform
Concen: 0.182 ug/L
RT: 10.285 min Scan# 21
Delta R.T. -0.010 min
Lab File: VU045795.D
Acq: 15 Nov 2021 16:36

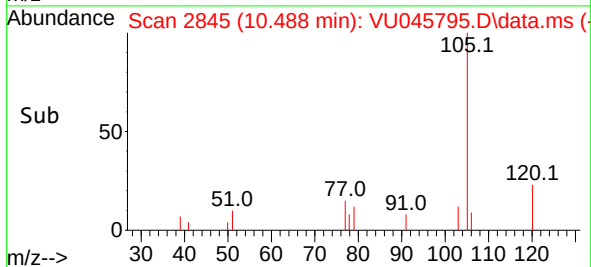
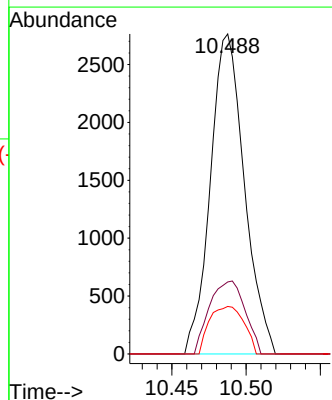
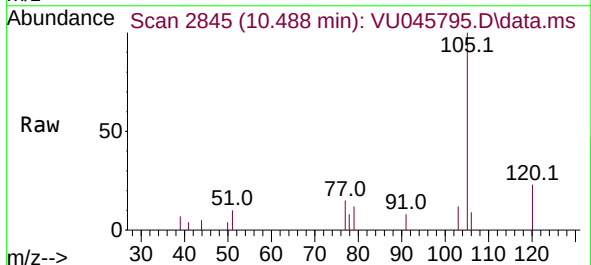
Instrument :
MSVOA_U
ClientSampleId :
MDL04

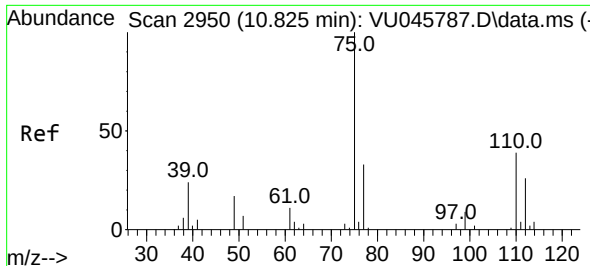
Tgt Ion:173 Resp: 616
Ion Ratio Lower Upper
173 100
175 41.7 37.8 56.6
254 0.0 7.3 10.9#



#60
Isopropylbenzene
Concen: 0.147 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. -0.000 min
Lab File: VU045795.D
Acq: 15 Nov 2021 16:36

Tgt Ion:105 Resp: 4396
Ion Ratio Lower Upper
105 100
120 23.9 20.7 31.1
77 15.0 12.6 19.0

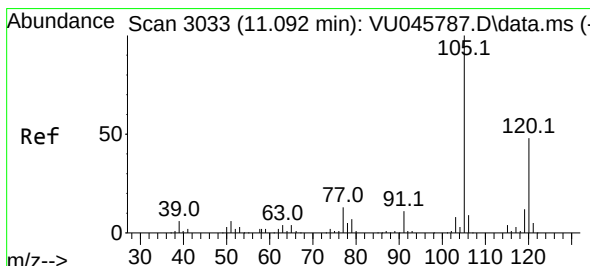
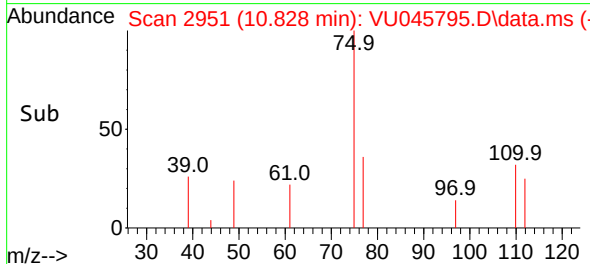
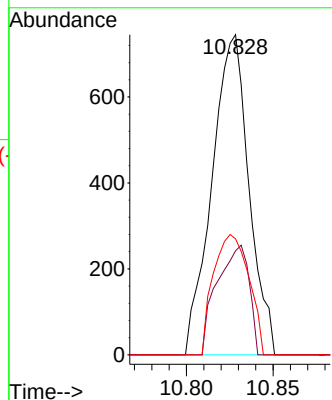
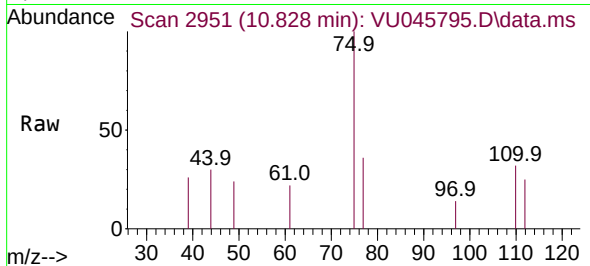




#61
1,2,3-Trichloropropane
Concen: 0.209 ug/L
RT: 10.828 min Scan# 2950
Delta R.T. 0.003 min
Lab File: VU045795.D
Acq: 15 Nov 2021 16:36

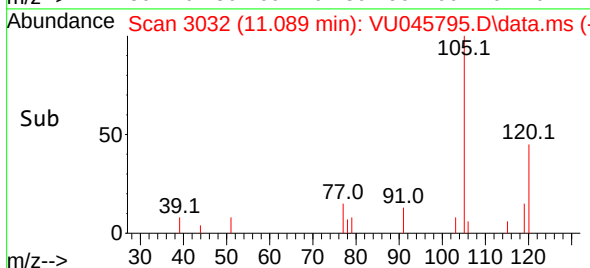
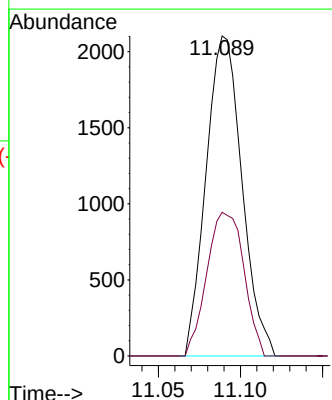
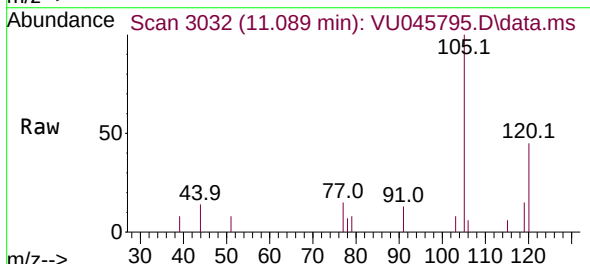
Instrument :
MSVOA_U
ClientSampleId :
MDL04

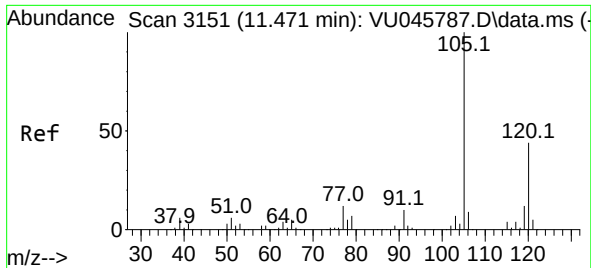
Tgt Ion: 75 Resp: 1108
Ion Ratio Lower Upper
75 100
110 29.4 29.9 44.9#
77 35.9 25.5 38.3



#62
1,3,5-Trimethylbenzene
Concen: 0.130 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. -0.003 min
Lab File: VU045795.D
Acq: 15 Nov 2021 16:36

Tgt Ion: 105 Resp: 3191
Ion Ratio Lower Upper
105 100
120 46.3 38.3 57.5

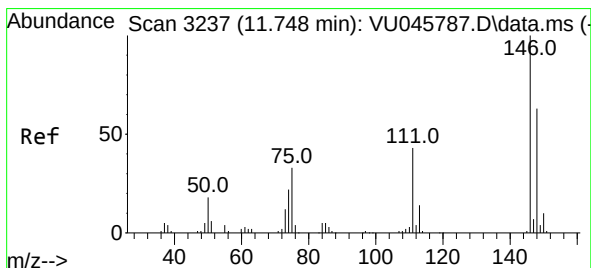
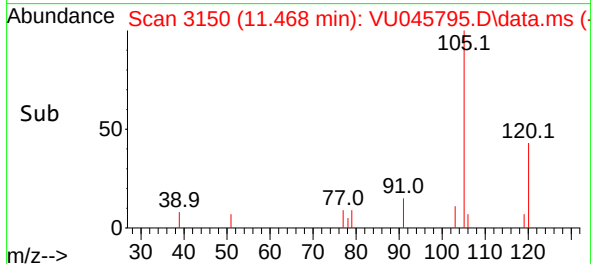
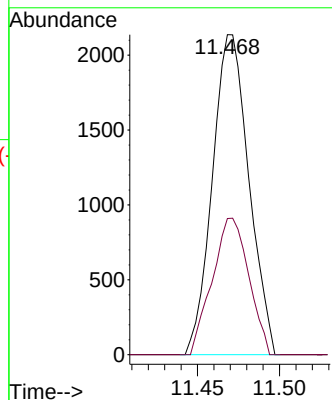
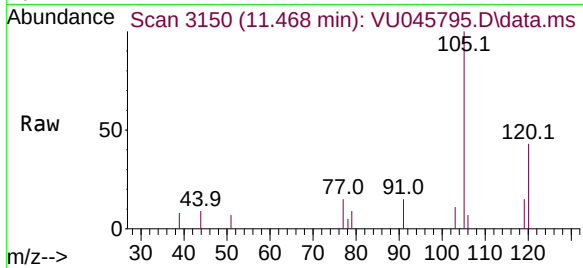




#63
1,2,4-Trimethylbenzene
Concen: 0.134 ug/L
RT: 11.468 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VU045795.D
Acq: 15 Nov 2021 16:36

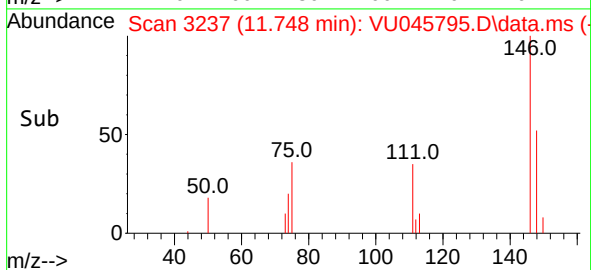
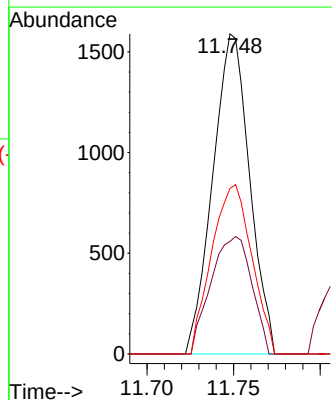
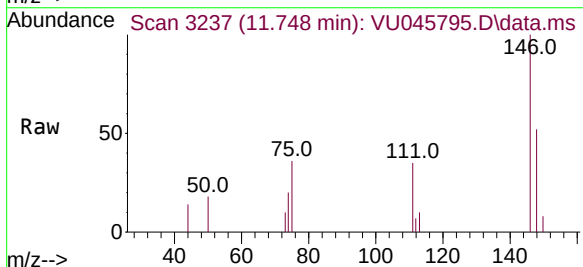
Instrument :
MSVOA_U
ClientSampleId :
MDL04

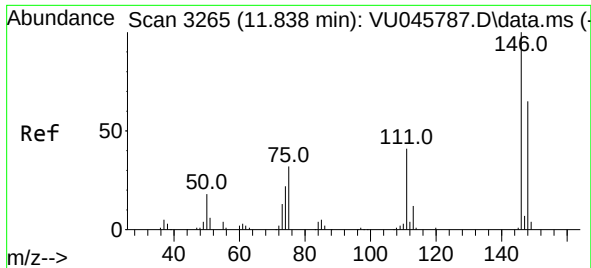
Tgt Ion:105 Resp: 3298
Ion Ratio Lower Upper
105 100
120 42.7 35.8 53.8



#64
1,3-Dichlorobenzene
Concen: 0.168 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. -0.000 min
Lab File: VU045795.D
Acq: 15 Nov 2021 16:36

Tgt Ion:146 Resp: 2349
Ion Ratio Lower Upper
146 100
111 35.1 29.9 55.5
148 51.7 44.3 82.3

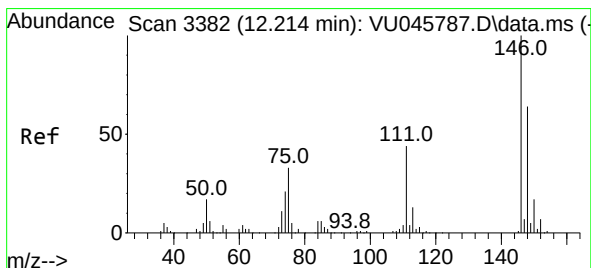
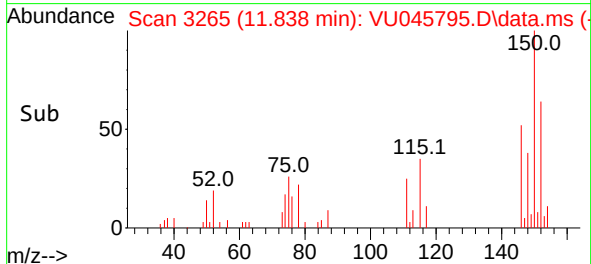
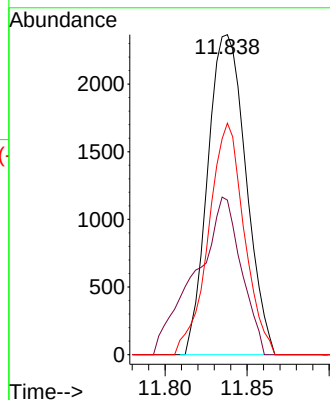
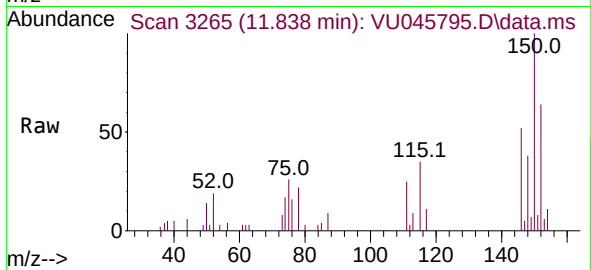




#65
1,4-Dichlorobenzene
Concen: 0.269 ug/L
RT: 11.838 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU045795.D
Acq: 15 Nov 2021 16:36

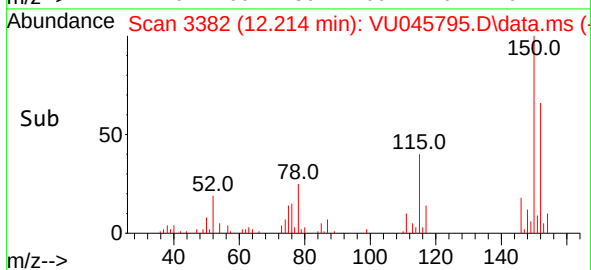
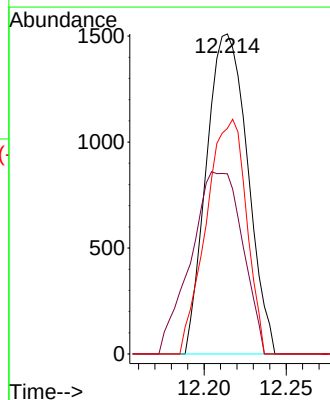
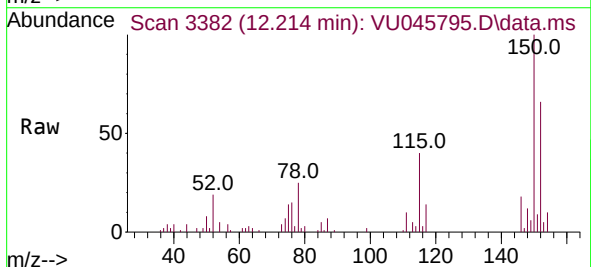
Instrument :
MSVOA_U
ClientSampleId :
MDL04

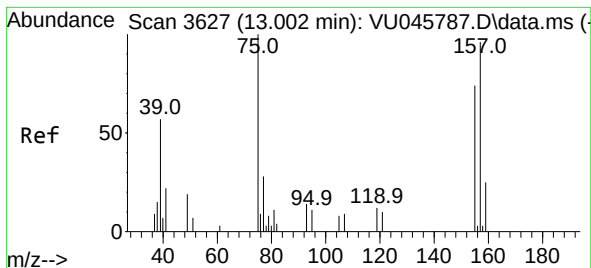
Tgt Ion:146 Resp: 3820
Ion Ratio Lower Upper
146 100
111 48.3 28.7 53.3
148 72.3 45.8 85.0



#67
1,2-Dichlorobenzene
Concen: 0.196 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. -0.000 min
Lab File: VU045795.D
Acq: 15 Nov 2021 16:36

Tgt Ion:146 Resp: 2632
Ion Ratio Lower Upper
146 100
111 56.3 35.4 53.0#
148 70.5 51.1 76.7





#68

1,2-Dibromo-3-chloropropane

Concen: 0.209 ug/L

RT: 13.217 min Scan# 3694

Delta R.T. 0.215 min

Lab File: VU045795.D

Acq: 15 Nov 2021 16:36

Instrument :

MSVOA_U

ClientSampleId :

MDL04

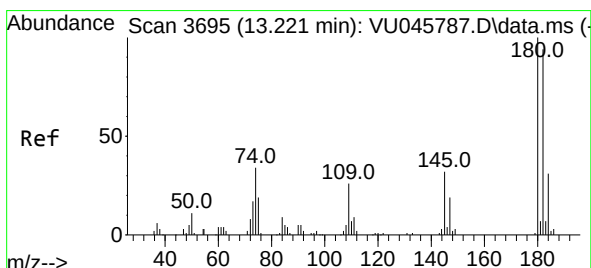
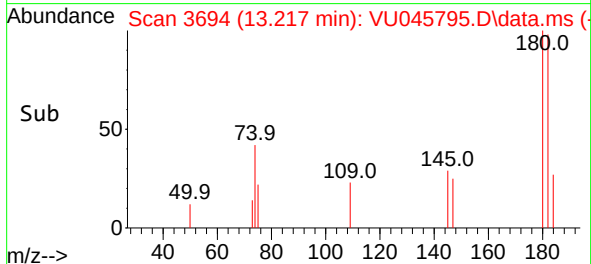
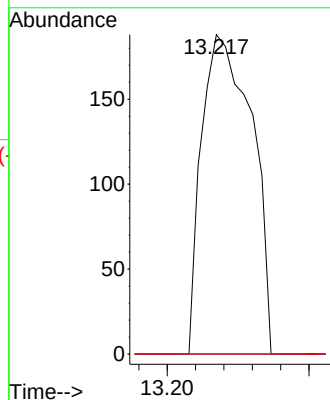
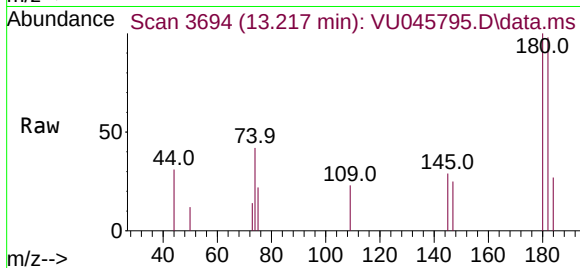
Tgt Ion: 75 Resp: 231

Ion Ratio Lower Upper

75 100

155 0.0 59.2 88.8#

157 0.0 76.5 114.7#



#69

1,3,5-Trichlorobenzene

Concen: 0.138 ug/L

RT: 13.221 min Scan# 3695

Delta R.T. -0.000 min

Lab File: VU045795.D

Acq: 15 Nov 2021 16:36

Tgt Ion: 180 Resp: 1444

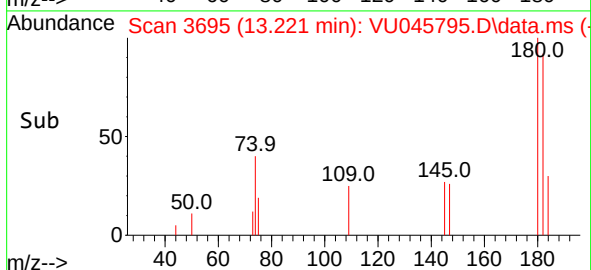
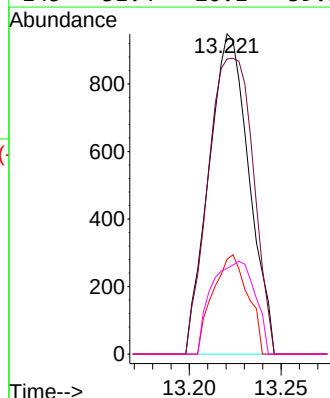
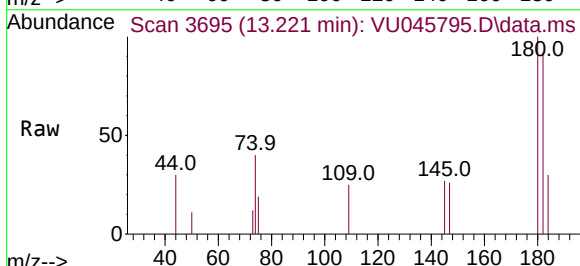
Ion Ratio Lower Upper

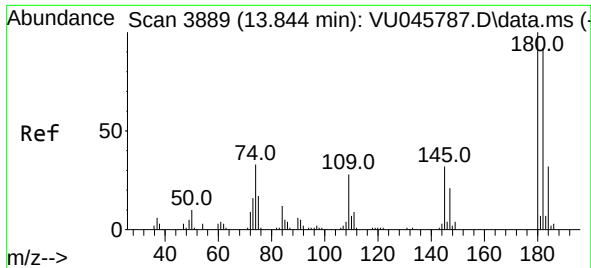
180 100

182 104.0 76.1 114.1

184 26.9 25.0 37.4

145 31.4 26.1 39.1

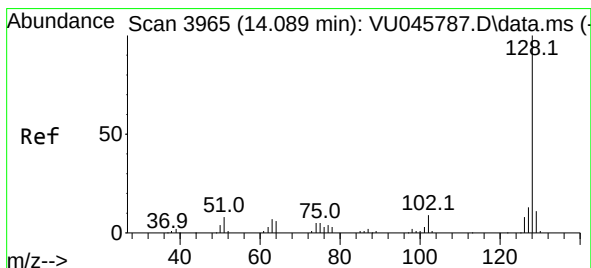
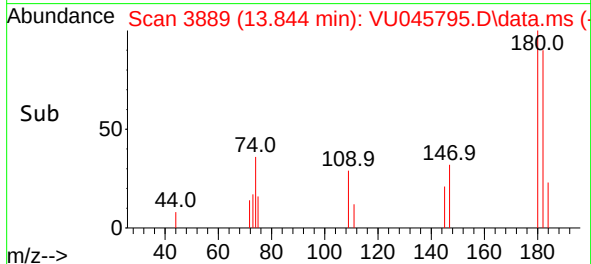
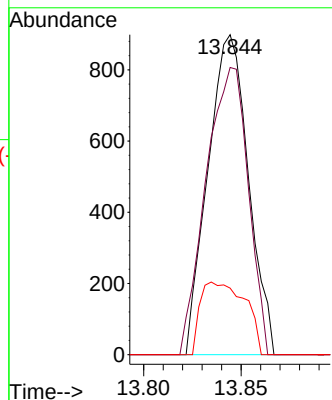
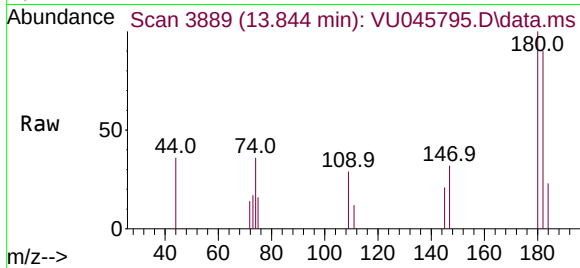




#70
1,2,4-trichlorobenzene
Concen: 0.146 ug/L
RT: 13.844 min Scan# 3889
Delta R.T. -0.000 min
Lab File: VU045795.D
Acq: 15 Nov 2021 16:36

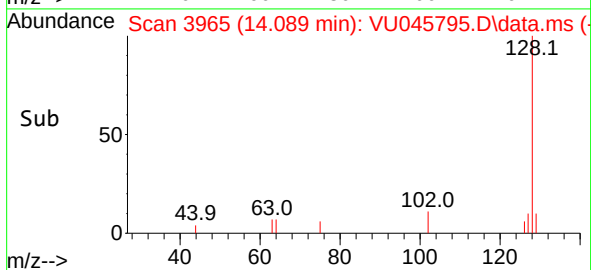
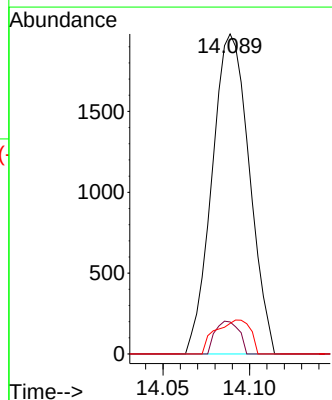
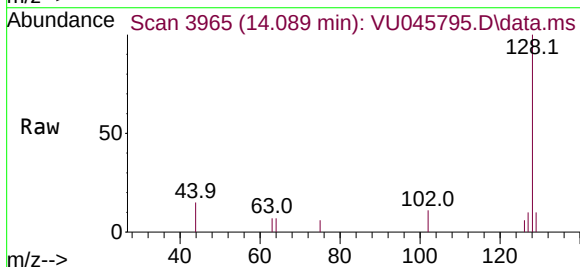
Instrument :
MSVOA_U
ClientSampleId :
MDL04

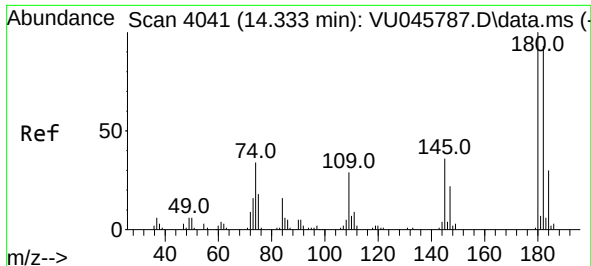
Tgt Ion:180 Resp: 1296
Ion Ratio Lower Upper
180 100
182 93.7 76.4 114.6
145 25.1 25.6 38.4#



#71
Naphthalene
Concen: 0.163 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU045795.D
Acq: 15 Nov 2021 16:36

Tgt Ion:128 Resp: 2958
Ion Ratio Lower Upper
128 100
129 6.5 8.4 12.6#
127 9.8 10.2 15.2#





#72

1,2,3-Trichlorobenzene

Concen: 0.148 ug/L

RT: 14.333 min Scan# 4041

Delta R.T. -0.000 min

Lab File: VU045795.D

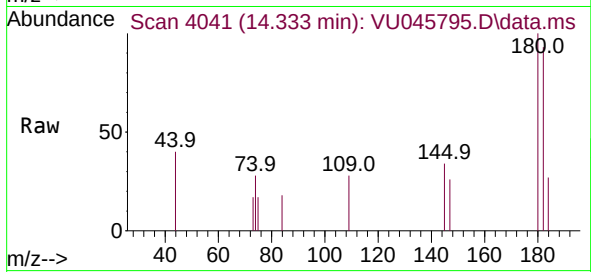
Acq: 15 Nov 2021 16:36

Instrument :

MSVOA_U

ClientSampleId :

MDL04



Tgt Ion:180 Resp: 1306

Ion Ratio Lower Upper

180 100

182 93.2 76.2 114.4

145 30.2 28.4 42.6

