

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111621\
 Data File : VU045803.D
 Acq On : 16 Nov 2021 12:49
 Operator : SY/MD
 Sample : MDL07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 16 17:09:11 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	88269	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	91691	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	42944	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	29738	4.252	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.000%
7) Chloroethane-d5	1.919	69	24413	4.795	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.000%
11) 1,1-Dichloroethene-d2	2.572	65	13509	4.606	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.200%
20) 2-Butanone-d5	4.649	46	108247	57.758	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.520%
24) Chloroform-d	5.067	84	56479	4.847	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
26) 1,2-Dichloroethane-d4	5.707	65	35858	5.245	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.000%
32) Benzene-d6	5.732	84	117261	4.644	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
36) 1,2-Dichloropropane-d6	6.694	67	38980	4.898	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.000%
41) Toluene-d8	7.899	98	99482	4.355	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.200%
43) trans-1,3-Dichloroprop...	8.182	79	15412	4.771	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.400%
46) 2-Hexanone-d5	8.636	63	80403	55.296	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.600%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	36074	5.366	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	38602	5.235	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	1364	0.190	ug/L	97
3) Chloromethane	1.520	50	2630	0.345	ug/L	96
5) Vinyl chloride	1.604	62	1539	0.201	ug/L #	49
6) Bromomethane	1.861	94	938	0.207	ug/L	90
8) Chloroethane	1.935	64	1054	0.242	ug/L	84
9) Trichlorofluoromethane	2.144	101	2157	0.219	ug/L	84
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	1431	0.247	ug/L #	83
12) 1,1-Dichloroethene	2.581	96	1224	0.224	ug/L #	1
13) Acetone	2.671	43	1520	1.378	ug/L	71
14) Carbon disulfide	2.800	76	3580	0.207	ug/L	100
15) Methyl Acetate	2.967	43	870	0.321	ug/L #	51
16) Methylene chloride	3.051	84	2604	0.323	ug/L	98
17) Methyl tert-butyl Ether	3.375	73	2786	0.196	ug/L	98
18) trans-1,2-Dichloroethene	3.353	96	1139	0.194	ug/L #	82
19) 1,1-Dichloroethane	3.880	63	2025	0.185	ug/L #	83
22) cis-1,2-Dichloroethene	4.671	96	1208	0.190	ug/L	93
23) Bromochloromethane	4.977	128	511	0.185	ug/L	95
25) Chloroform	5.096	83	8314	0.698	ug/L	100
27) 1,2-Dichloroethane	5.797	62	1776	0.234	ug/L #	73

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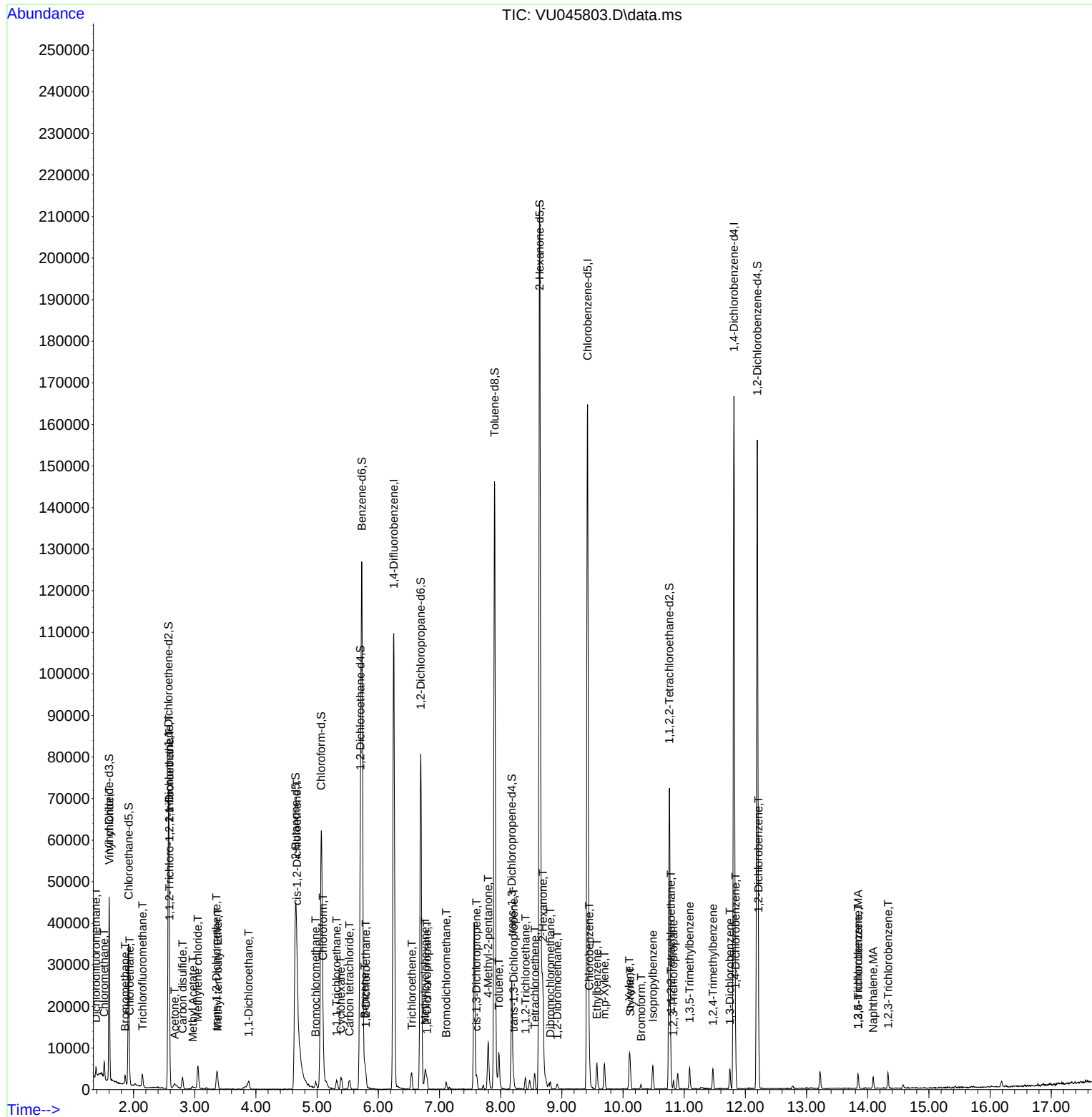
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) 1,1,1-Trichloroethane	5.317	97	1786	0.179	ug/L	91
30) Cyclohexane	5.388	56	1654	0.167	ug/L	92
31) Carbon tetrachloride	5.530	117	1516	0.181	ug/L	98
33) Benzene	5.777	78	4935	0.193	ug/L	100
34) Trichloroethene	6.549	95	1240	0.188	ug/L	96
35) Methylcyclohexane	6.768	83	1915	0.189	ug/L #	85
37) 1,2-Dichloropropane	6.800	63	1316	0.195	ug/L #	88
38) Bromodichloromethane	7.108	83	1464	0.176	ug/L #	94
39) cis-1,3-Dichloropropene	7.607	75	1744	0.182	ug/L	98
40) 4-Methyl-2-pentanone	7.796	43	8620	1.952	ug/L #	85
42) Toluene	7.973	91	6266	0.237	ug/L	99
44) trans-1,3-Dichloropropene	8.214	75	1659	0.199	ug/L	86
45) 1,1,2-Trichloroethane	8.407	97	993	0.199	ug/L	91
47) Tetrachloroethene	8.559	164	907	0.196	ug/L	87
48) 2-Hexanone	8.690	43	11868	3.720	ug/L #	97
49) Dibromochloromethane	8.813	129	1080	0.190	ug/L	92
50) 1,2-Dibromoethane	8.925	107	911	0.193	ug/L #	90
51) Chlorobenzene	9.449	112	3353	0.202	ug/L	95
52) Ethylbenzene	9.575	91	4975	0.180	ug/L	99
53) m,p-Xylene	9.697	106	1929	0.182	ug/L	100
54) o-Xylene	10.102	106	1638	0.160	ug/L	70
55) Styrene	10.118	104	2826	0.164	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.784	83	1316	0.206	ug/L #	95
59) Bromoform	10.298	173	593	0.208	ug/L #	74
60) Isopropylbenzene	10.488	105	4161	0.165	ug/L	96
61) 1,2,3-Trichloropropane	10.825	75	988	0.222	ug/L #	89
62) 1,3,5-Trimethylbenzene	11.089	105	3285	0.159	ug/L	97
63) 1,2,4-Trimethylbenzene	11.472	105	3336	0.162	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	2273	0.193	ug/L	98
65) 1,4-Dichlorobenzene	11.841	146	3584	0.300	ug/L	85
67) 1,2-Dichlorobenzene	12.214	146	2340	0.207	ug/L	92
69) 1,3,5-Trichlorobenzene	13.841	180	1339	0.152	ug/L	93
70) 1,2,4-trichlorobenzene	13.841	180	1339	0.180	ug/L	93
71) Naphthalene	14.089	128	2632	0.172	ug/L #	93
72) 1,2,3-Trichlorobenzene	14.333	180	1321	0.178	ug/L	97

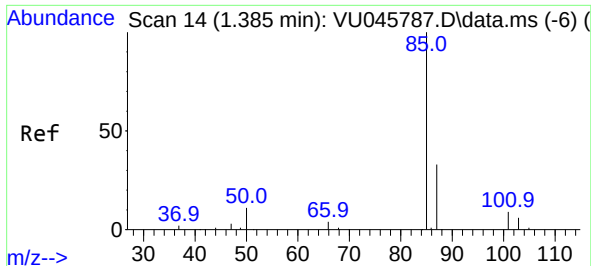
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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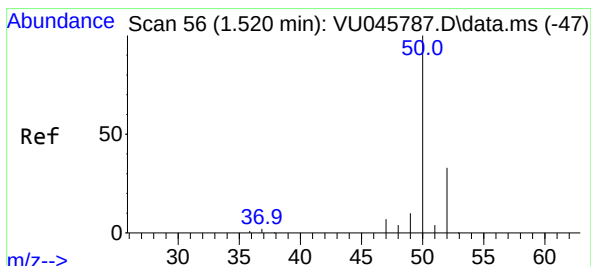
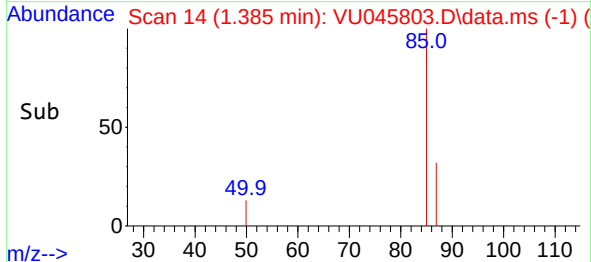
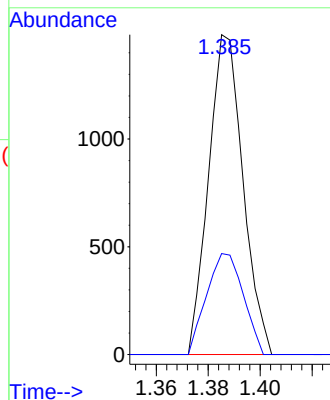
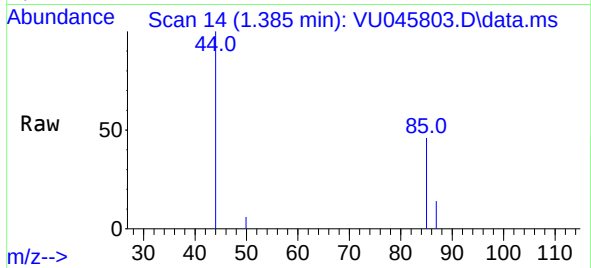




#2
Dichlorodifluoromethane
Concen: 0.190 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU045803.D
Acq: 16 Nov 2021 12:49

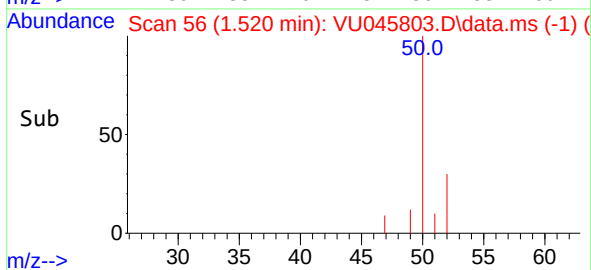
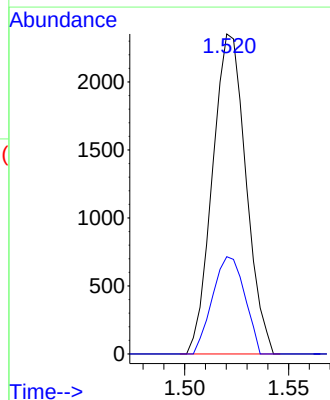
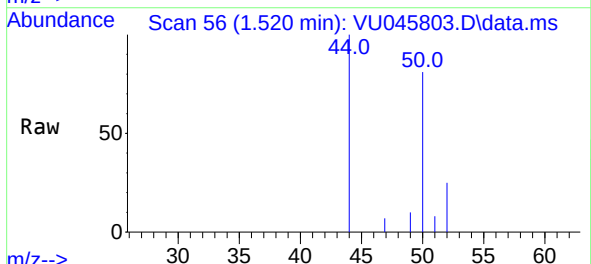
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MSVOA_U
ClientSampleId :

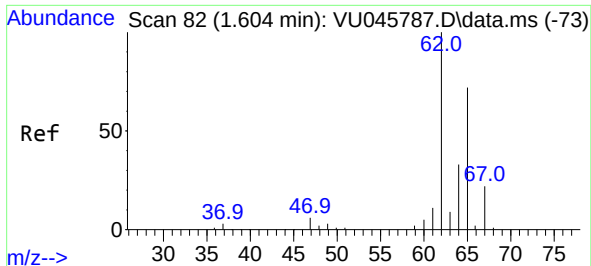
Tgt Ion: 85 Resp: 1364
Ion Ratio Lower Upper
85 100
87 33.7 25.8 38.6



#3
Chloromethane
Concen: 0.345 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU045803.D
Acq: 16 Nov 2021 12:49

Tgt Ion: 50 Resp: 2630
Ion Ratio Lower Upper
50 100
52 30.4 23.0 42.8

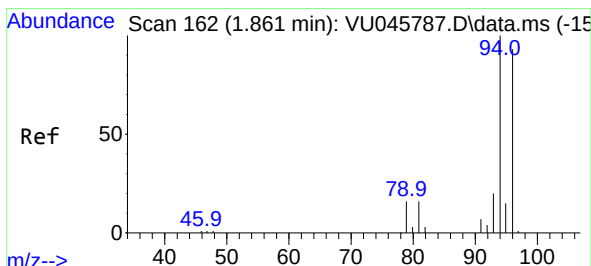
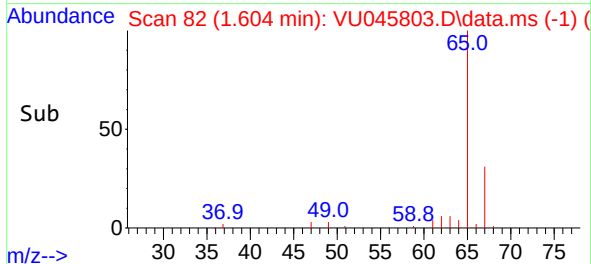
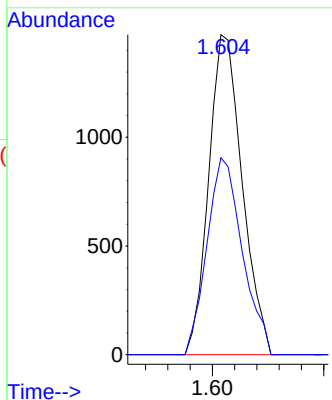
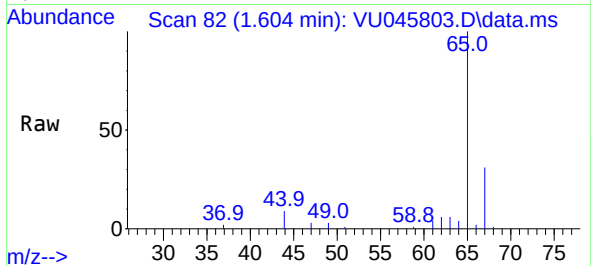




#5
 Vinyl chloride
 Concen: 0.201 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU045803.D
 Acq: 16 Nov 2021 12:49

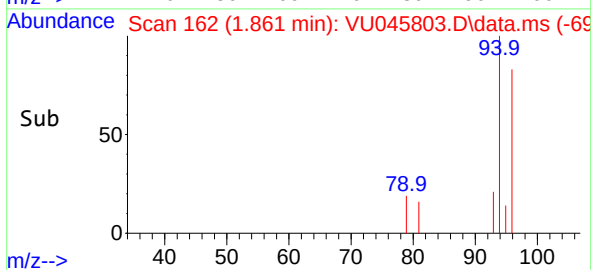
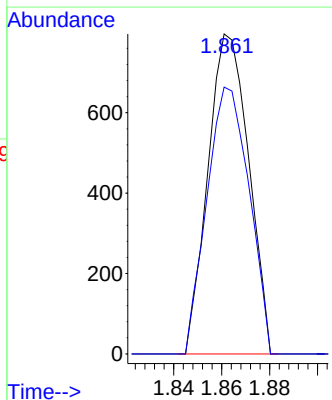
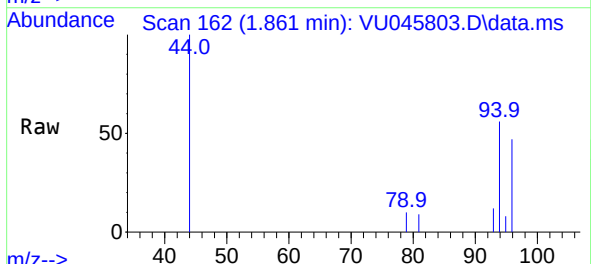
Instrument :
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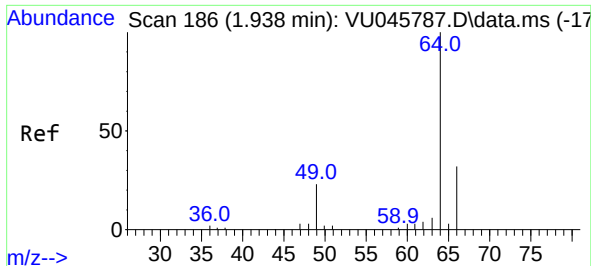
Tgt Ion: 62 Resp: 1539
 Ion Ratio Lower Upper
 62 100
 64 61.5 22.9 42.5#



#6
 Bromomethane
 Concen: 0.207 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. 0.000 min
 Lab File: VU045803.D
 Acq: 16 Nov 2021 12:49

Tgt Ion: 94 Resp: 938
 Ion Ratio Lower Upper
 94 100
 96 83.4 65.5 121.6

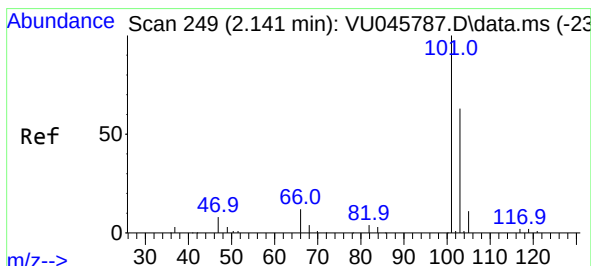
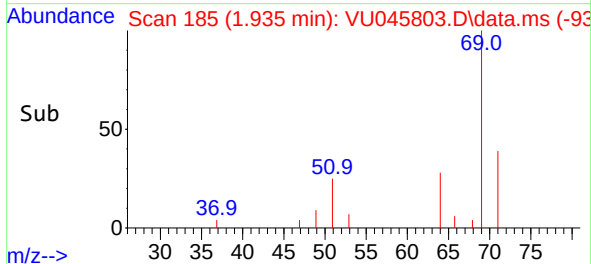
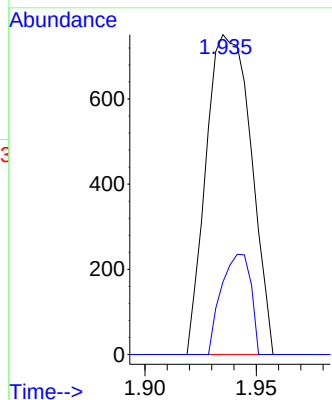
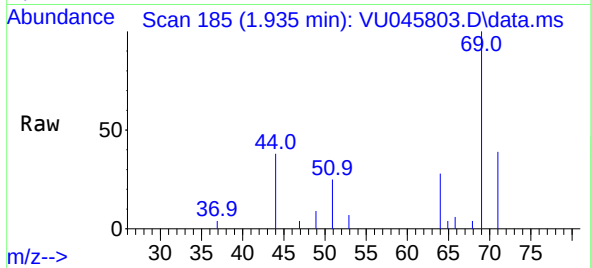




#8
Chloroethane
Concen: 0.242 ug/L
RT: 1.935 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU045803.D
Acq: 16 Nov 2021 12:49

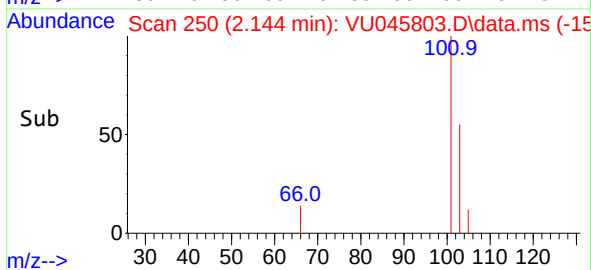
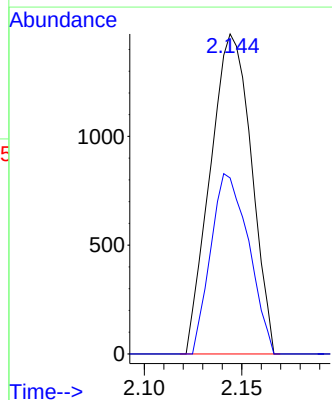
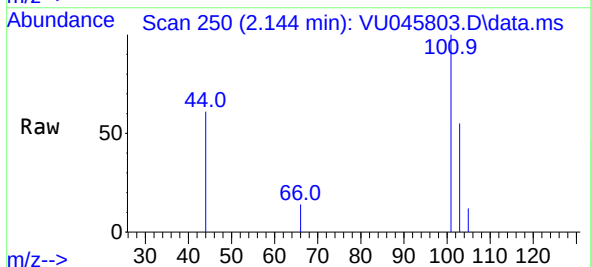
Instrument :
MSVOA_U
ClientSampleId :

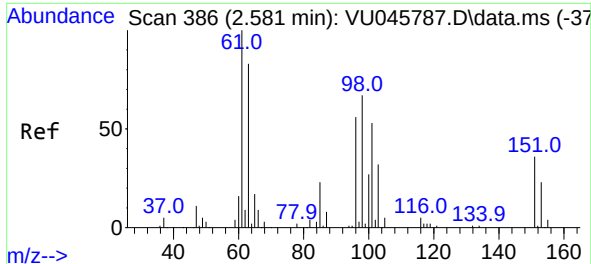
Tgt Ion: 64 Resp: 1054
Ion Ratio Lower Upper
64 100
66 22.6 22.1 41.1



#9
Trichlorofluoromethane
Concen: 0.219 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.003 min
Lab File: VU045803.D
Acq: 16 Nov 2021 12:49

Tgt Ion:101 Resp: 2157
Ion Ratio Lower Upper
101 100
103 51.9 51.5 77.3

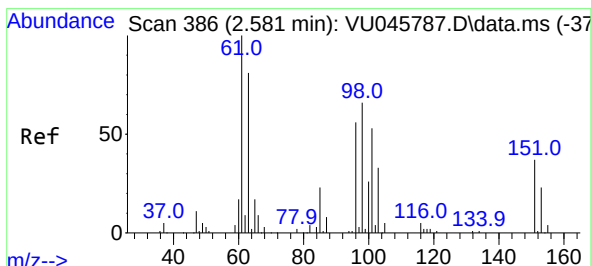
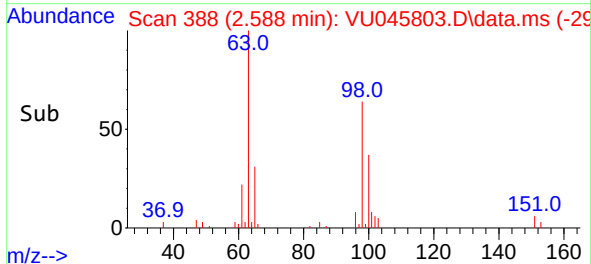
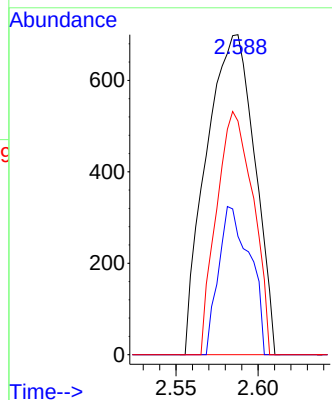
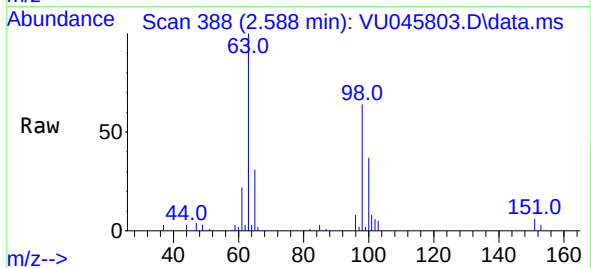




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.247 ug/L
RT: 2.588 min Scan# 388
Delta R.T. 0.007 min
Lab File: VU045803.D
Acq: 16 Nov 2021 12:49

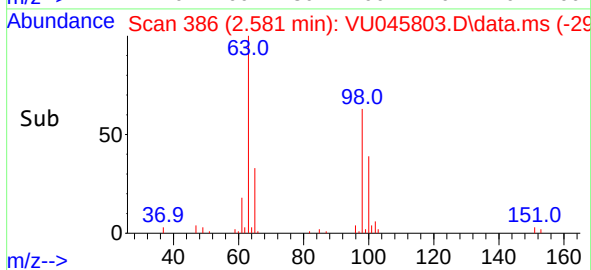
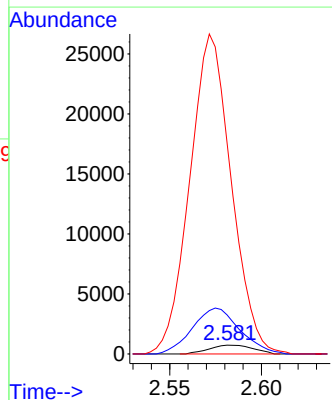
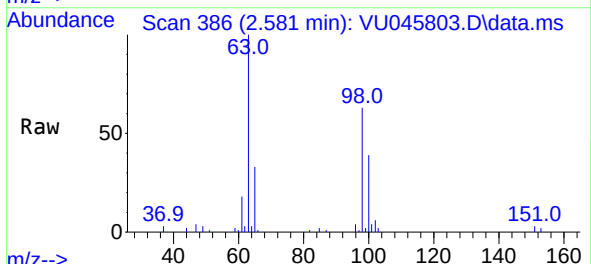
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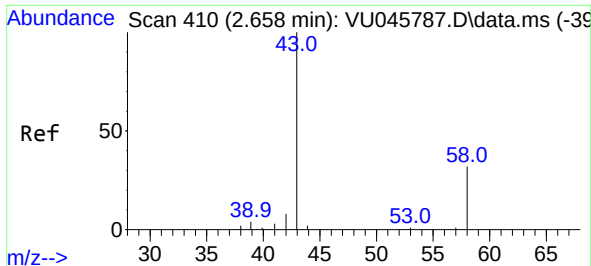
Tgt Ion:101 Resp: 1431
Ion Ratio Lower Upper
101 100
85 30.0 34.6 51.8#
151 57.5 56.1 84.1



#12
1,1-Dichloroethene
Concen: 0.224 ug/L
RT: 2.581 min Scan# 386
Delta R.T. 0.000 min
Lab File: VU045803.D
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Tgt Ion: 96 Resp: 1224
Ion Ratio Lower Upper
96 100
61 446.6 124.7 231.5#
63 2418.7 105.2 195.4#





#13

Acetone

Concen: 1.378 ug/L

RT: 2.671 min Scan# 41

Delta R.T. 0.013 min

Lab File: VU045803.D

Acq: 16 Nov 2021 12:49

Instrument :

MSVOA_U

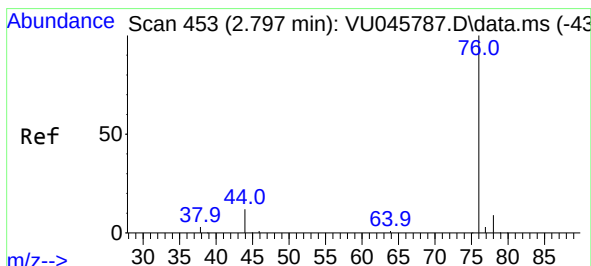
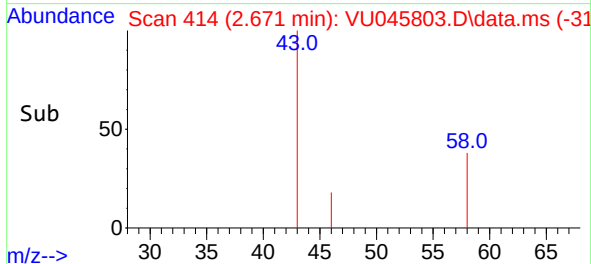
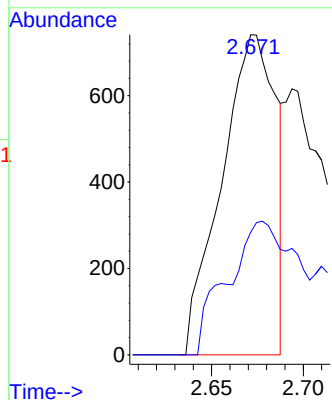
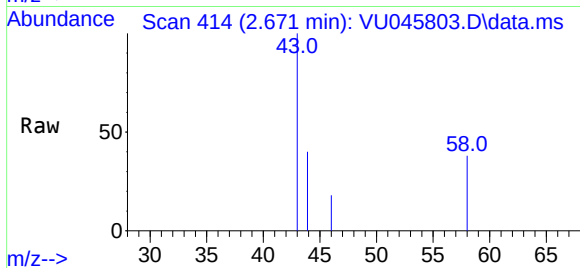
ClientSampleId :

Tgt Ion: 43 Resp: 1520

Ion Ratio Lower Upper

43 100

58 52.8 0.0 71.6



#14

Carbon disulfide

Concen: 0.207 ug/L

RT: 2.800 min Scan# 454

Delta R.T. 0.003 min

Lab File: VU045803.D

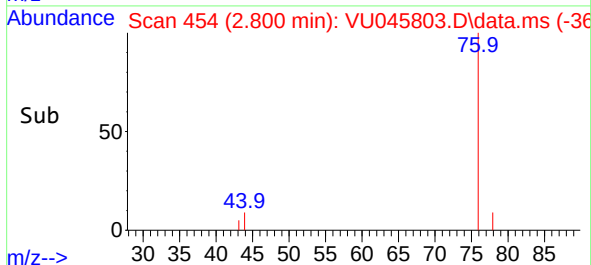
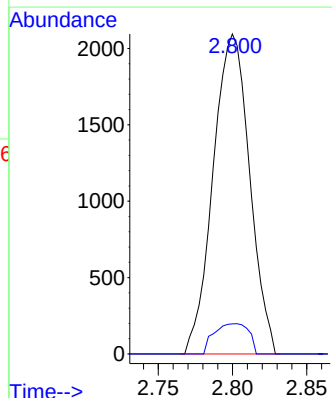
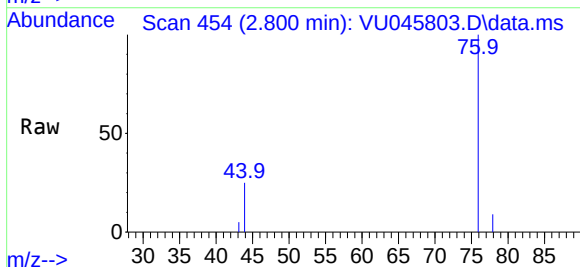
Acq: 16 Nov 2021 12:49

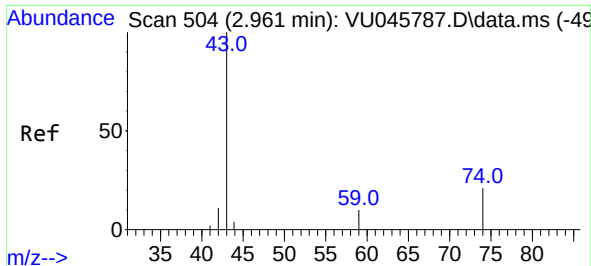
Tgt Ion: 76 Resp: 3580

Ion Ratio Lower Upper

76 100

78 9.4 7.5 11.3

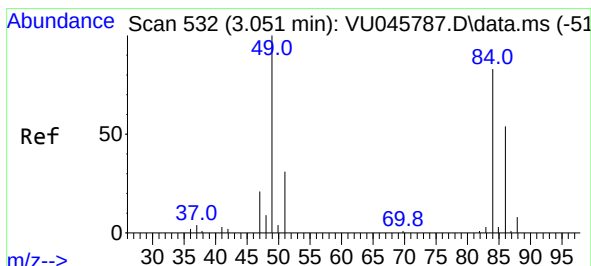
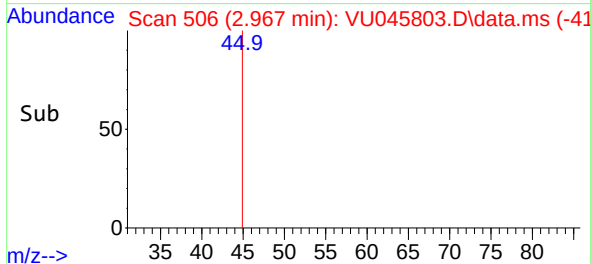
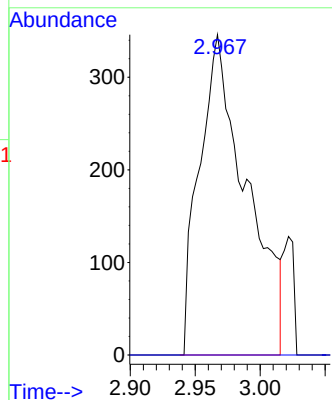
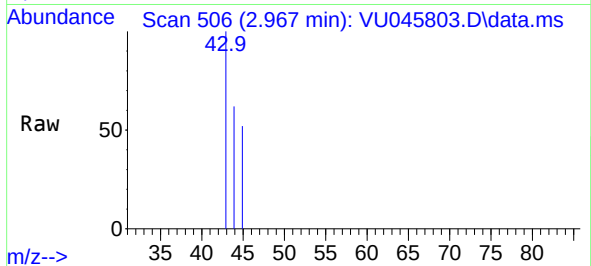




#15
Methyl Acetate
Concen: 0.321 ug/L
RT: 2.967 min Scan# 504
Delta R.T. 0.007 min
Lab File: VU045803.D
Acq: 16 Nov 2021 12:49

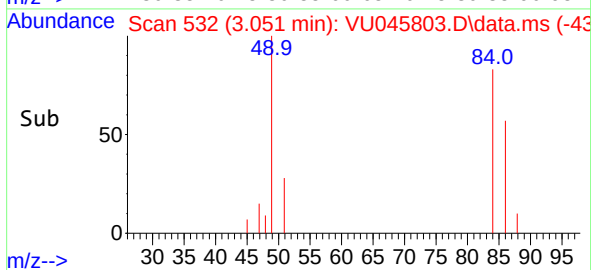
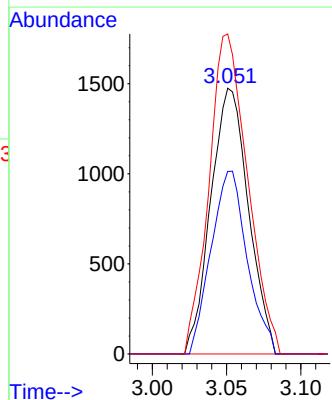
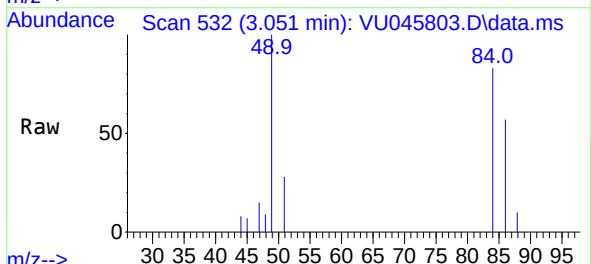
Instrument :
MSVOA_U
ClientSampleId :

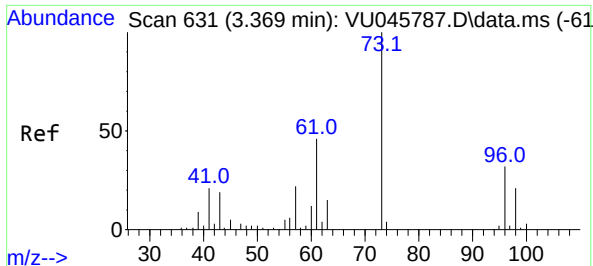
Tgt Ion: 43 Resp: 870
Ion Ratio Lower Upper
43 100
74 0.0 19.1 28.7#



#16
Methylene chloride
Concen: 0.323 ug/L
RT: 3.051 min Scan# 532
Delta R.T. 0.000 min
Lab File: VU045803.D
Acq: 16 Nov 2021 12:49

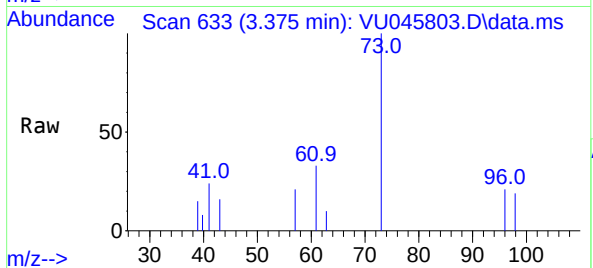
Tgt Ion: 84 Resp: 2604
Ion Ratio Lower Upper
84 100
86 68.7 45.8 85.0
49 120.4 84.5 156.9



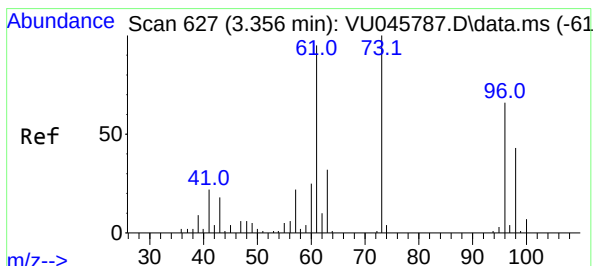
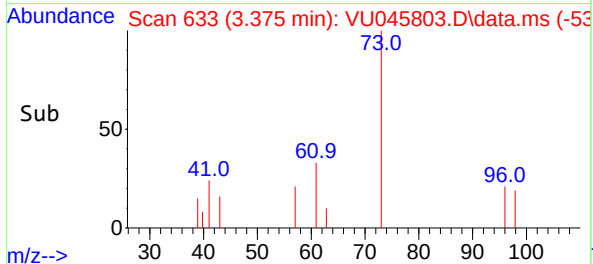
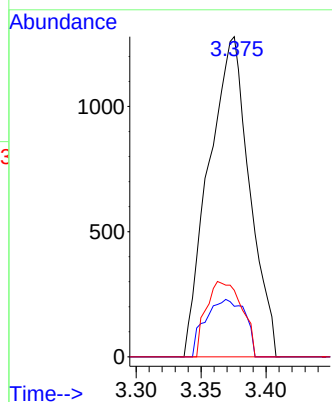


#17
Methyl tert-butyl Ether
Concen: 0.196 ug/L
RT: 3.375 min Scan# 61
Delta R.T. 0.007 min
Lab File: VU045803.D
Acq: 16 Nov 2021 12:49

Instrument :
MSVOA_U
ClientSampleId :

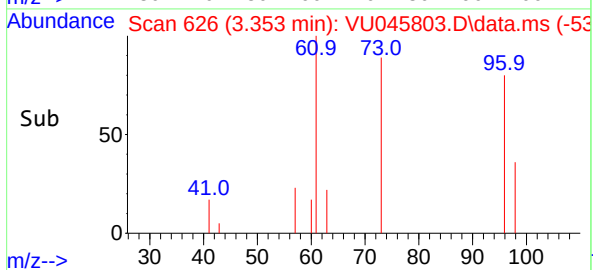
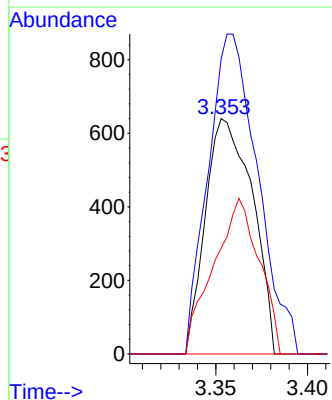
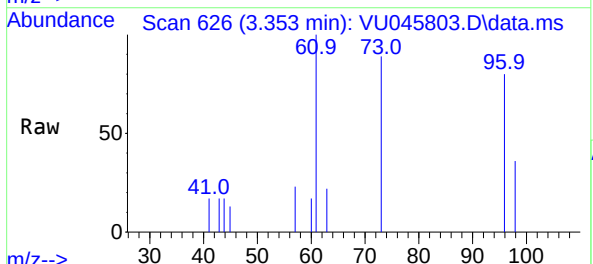


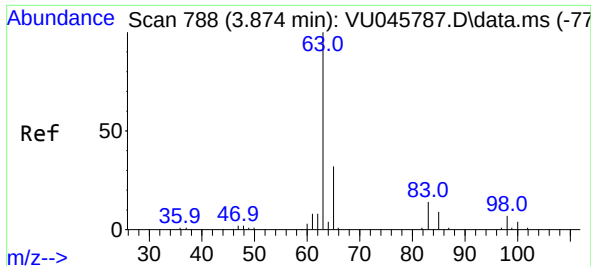
Tgt Ion: 73 Resp: 2786
Ion Ratio Lower Upper
73 100
43 17.4 14.8 22.2
57 20.5 17.4 26.0



#18
trans-1,2-Dichloroethene
Concen: 0.194 ug/L
RT: 3.353 min Scan# 626
Delta R.T. -0.003 min
Lab File: VU045803.D
Acq: 16 Nov 2021 12:49

Tgt Ion: 96 Resp: 1139
Ion Ratio Lower Upper
96 100
61 125.5 100.8 187.2
98 45.0 45.1 83.7#





#19

1,1-Dichloroethane

Concen: 0.185 ug/L

RT: 3.880 min Scan# 790

Delta R.T. 0.007 min

Lab File: VU045803.D

Acq: 16 Nov 2021 12:49

Instrument :

MSVOA_U

ClientSampleId :

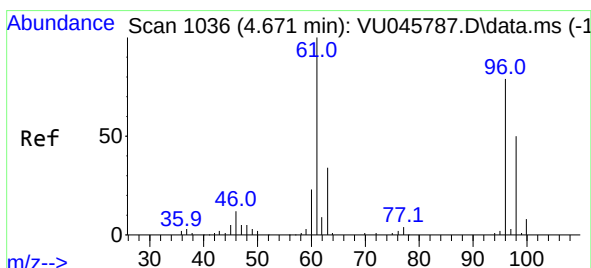
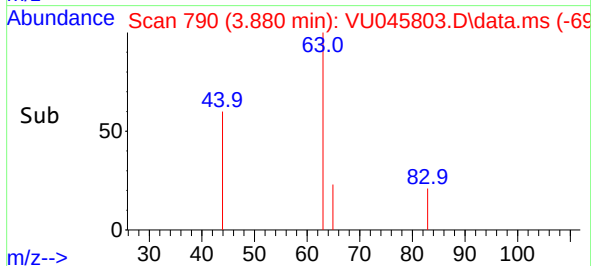
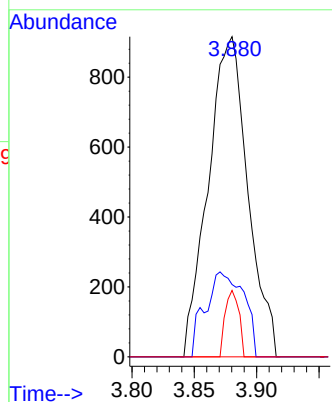
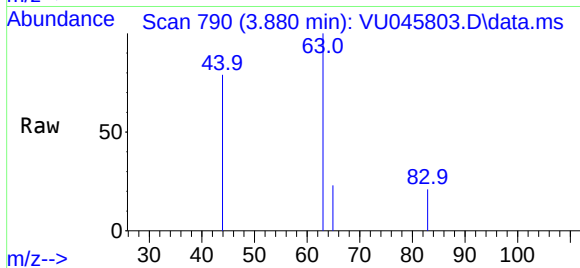
Tgt Ion: 63 Resp: 2025

Ion Ratio Lower Upper

63 100

65 22.6 22.3 41.5

83 20.7 9.6 17.8#



#22

cis-1,2-Dichloroethene

Concen: 0.190 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VU045803.D

Acq: 16 Nov 2021 12:49

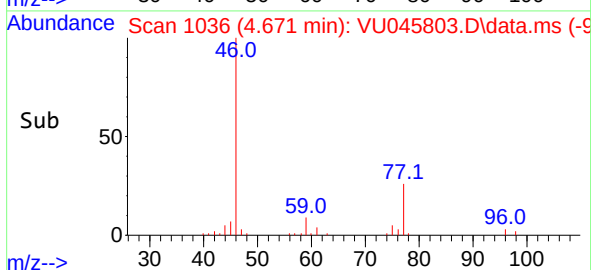
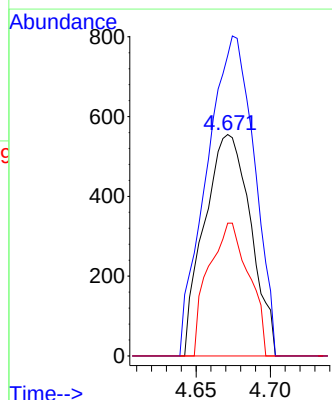
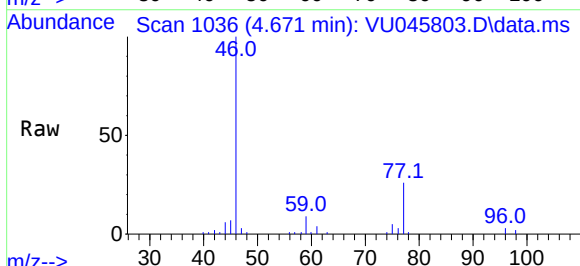
Tgt Ion: 96 Resp: 1208

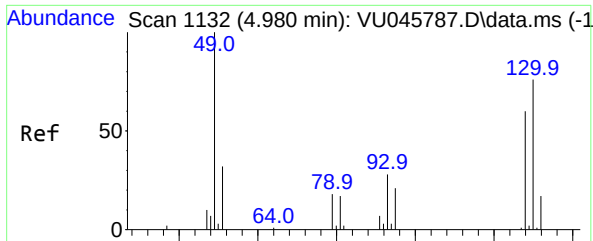
Ion Ratio Lower Upper

96 100

61 135.7 88.5 164.3

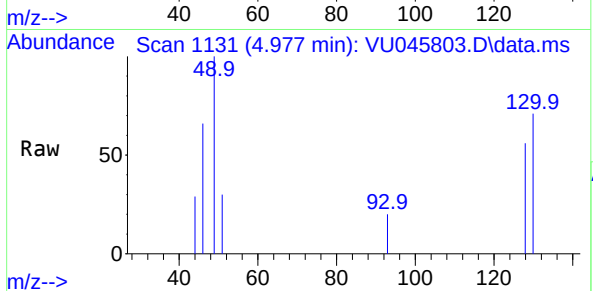
98 60.0 44.4 82.5





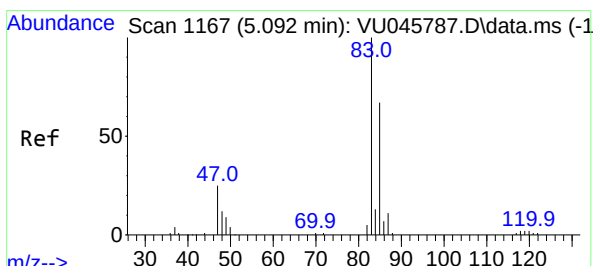
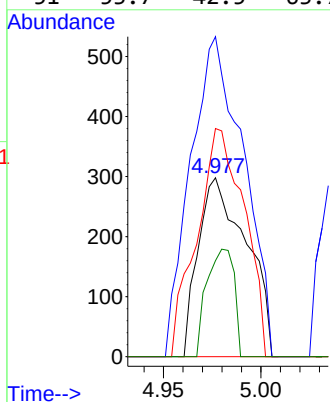
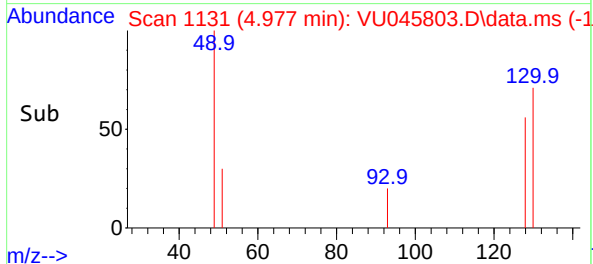
#23
Bromochloromethane
Concen: 0.185 ug/L
RT: 4.977 min Scan# 1131
Delta R.T. -0.003 min
Lab File: VU045803.D
Acq: 16 Nov 2021 12:49

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 511

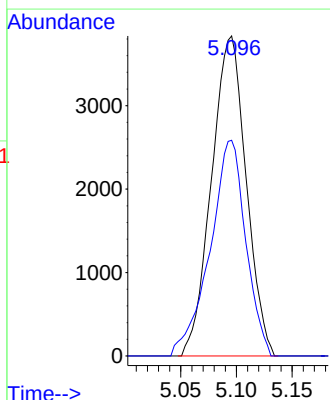
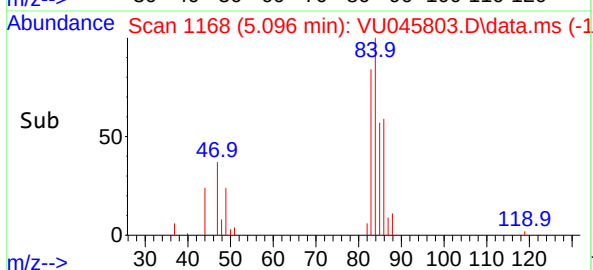
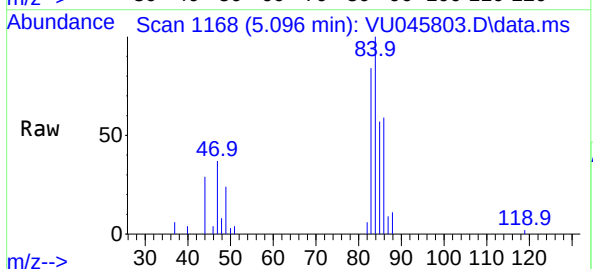
Ion	Ratio	Lower	Upper
128	100		
49	178.9	117.0	217.2
130	127.5	88.2	163.8
51	53.7	42.5	63.7

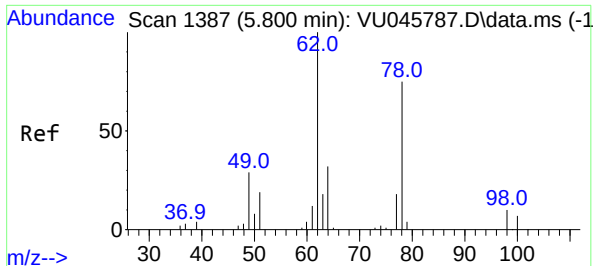


#25
Chloroform
Concen: 0.698 ug/L
RT: 5.096 min Scan# 1168
Delta R.T. 0.003 min
Lab File: VU045803.D
Acq: 16 Nov 2021 12:49

Tgt Ion: 83 Resp: 8314

Ion	Ratio	Lower	Upper
83	100		
85	67.4	46.9	87.1

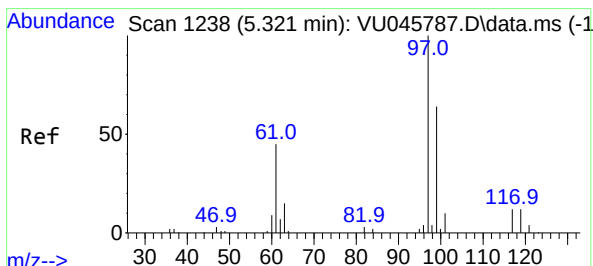
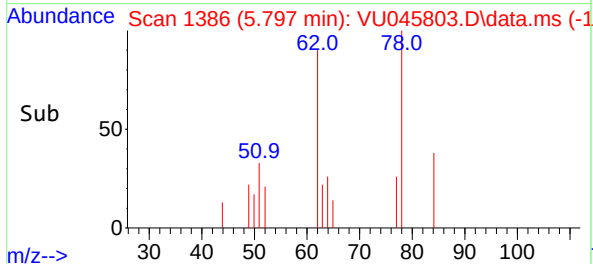
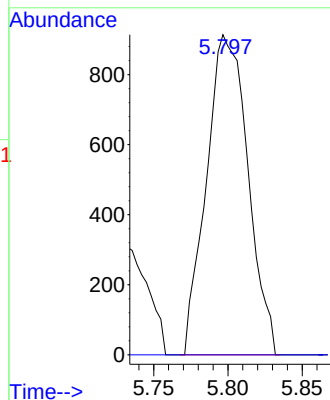
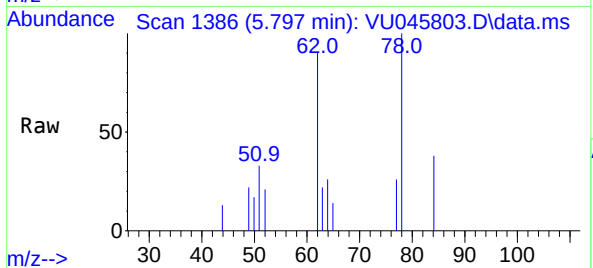




#27
1,2-Dichloroethane
Concen: 0.234 ug/L
RT: 5.797 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU045803.D
Acq: 16 Nov 2021 12:49

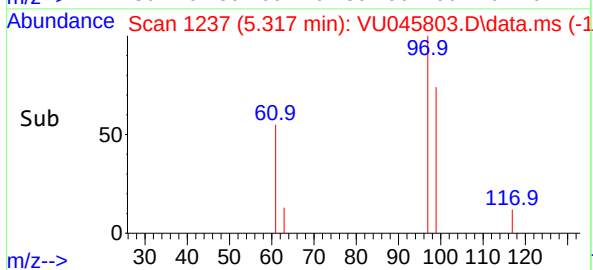
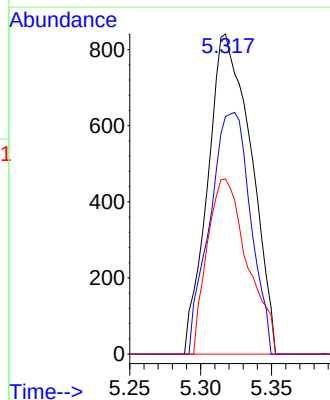
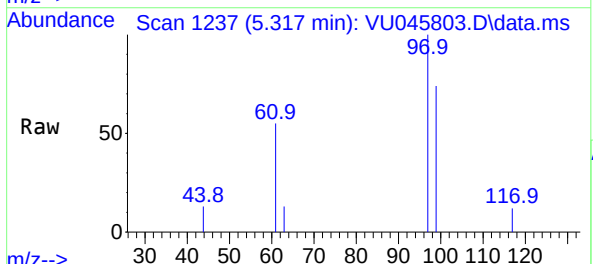
Instrument :
MSVOA_U
ClientSampleId :

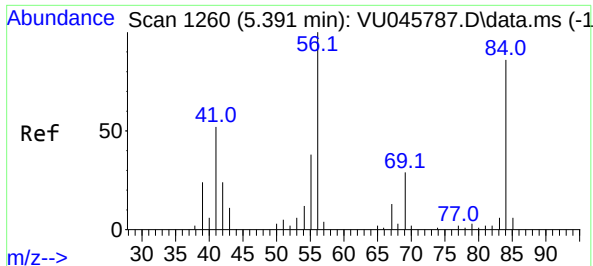
Tgt Ion: 62 Resp: 1776
Ion Ratio Lower Upper
62 100
98 0.0 7.8 11.8#



#29
1,1,1-Trichloroethane
Concen: 0.179 ug/L
RT: 5.317 min Scan# 1237
Delta R.T. -0.003 min
Lab File: VU045803.D
Acq: 16 Nov 2021 12:49

Tgt Ion: 97 Resp: 1786
Ion Ratio Lower Upper
97 100
99 71.1 51.3 76.9
61 51.0 36.1 54.1

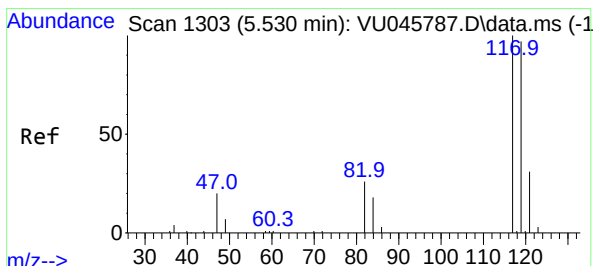
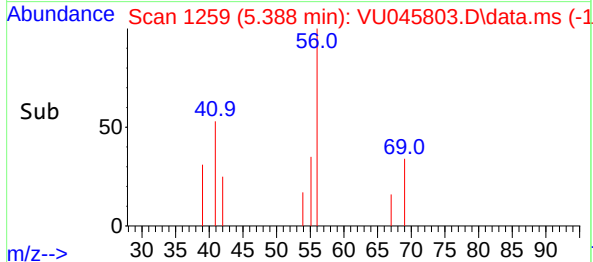
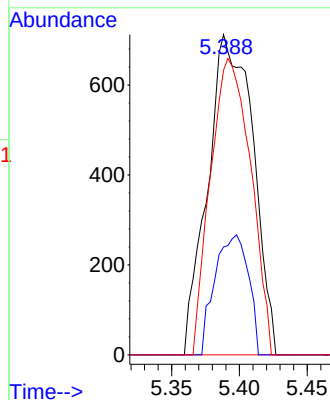
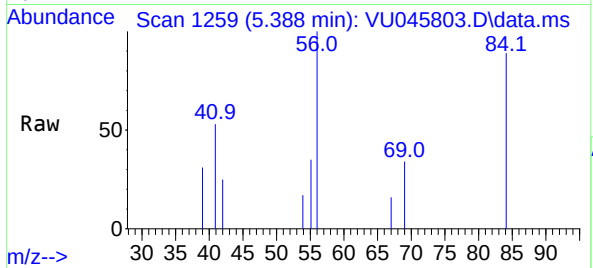




#30
Cyclohexane
Concen: 0.167 ug/L
RT: 5.388 min Scan# 1259
Delta R.T. -0.003 min
Lab File: VU045803.D
Acq: 16 Nov 2021 12:49

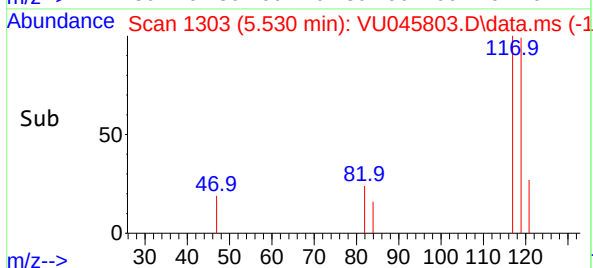
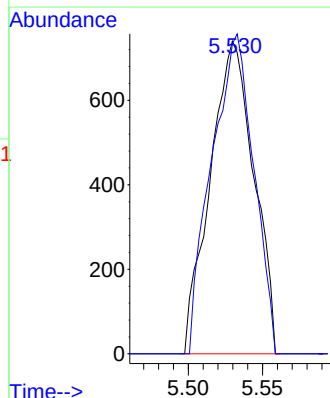
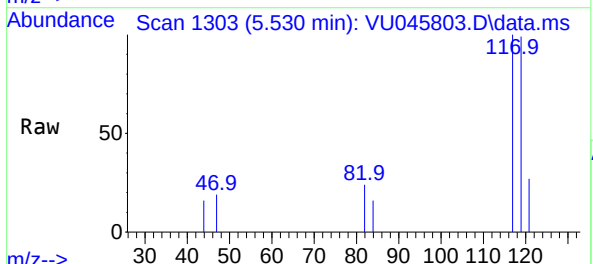
Instrument :
MSVOA_U
ClientSampleId :

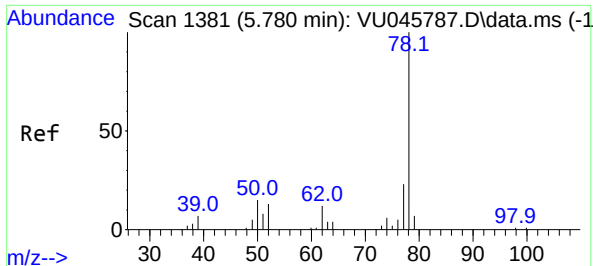
Tgt Ion: 56 Resp: 1654
Ion Ratio Lower Upper
56 100
69 27.6 24.7 37.1
84 82.0 71.8 107.6



#31
Carbon tetrachloride
Concen: 0.181 ug/L
RT: 5.530 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VU045803.D
Acq: 16 Nov 2021 12:49

Tgt Ion: 117 Resp: 1516
Ion Ratio Lower Upper
117 100
119 98.5 77.5 116.3





Benzene

Concen: 0.193 ug/L

RT: 5.777 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU045803.D

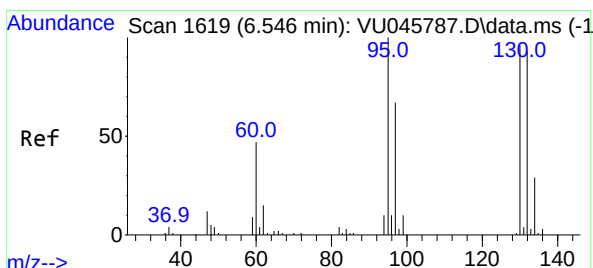
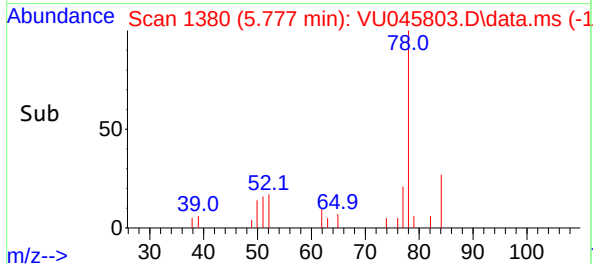
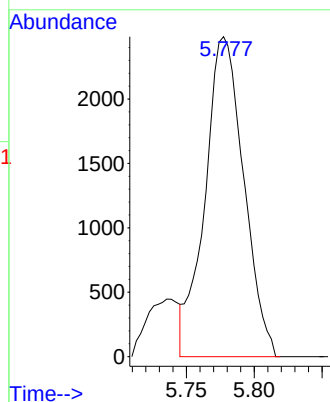
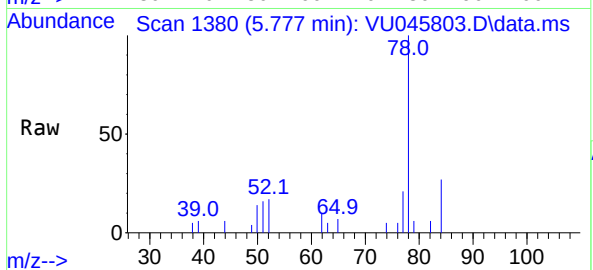
Acq: 16 Nov 2021 12:49

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 78 Resp: 4935



Trichloroethene

Concen: 0.188 ug/L

RT: 6.549 min Scan# 1620

Delta R.T. 0.003 min

Lab File: VU045803.D

Acq: 16 Nov 2021 12:49

Tgt Ion: 95 Resp: 1240

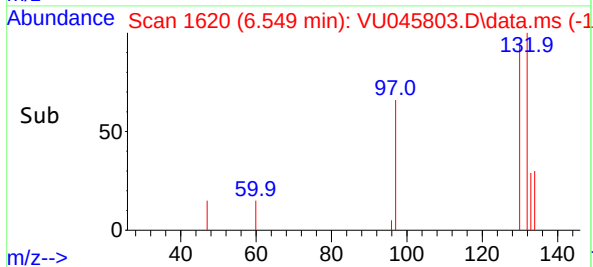
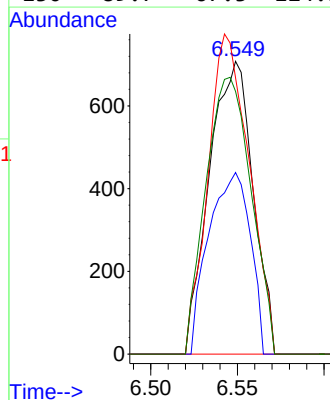
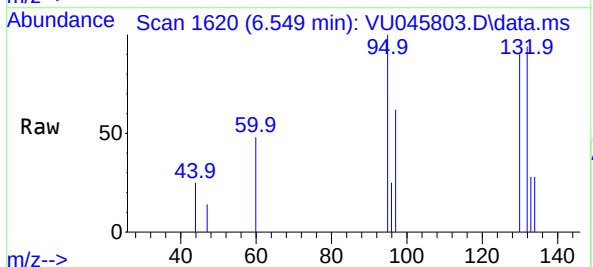
Ion Ratio Lower Upper

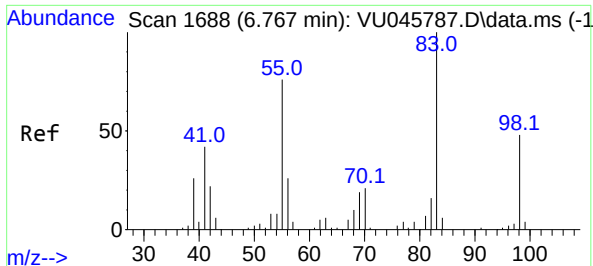
95 100

97 62.0 46.5 86.5

132 94.4 65.1 120.9

130 89.7 67.3 124.9

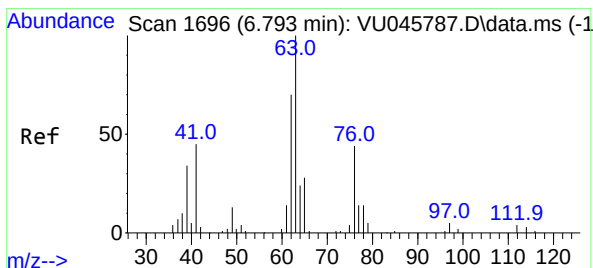
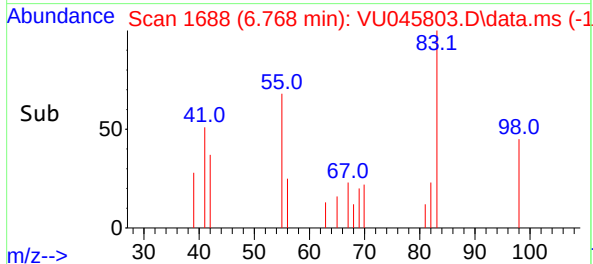
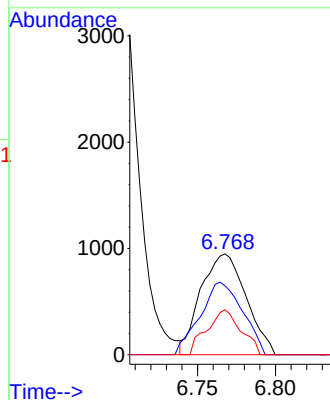
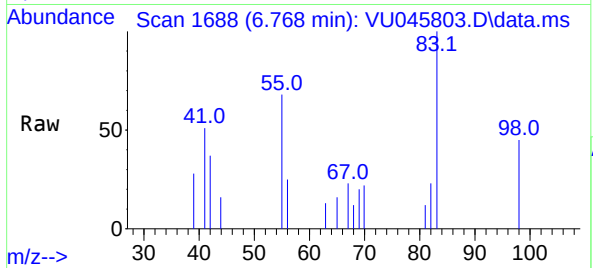




#35
Methylcyclohexane
Concen: 0.189 ug/L
RT: 6.768 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VU045803.D
Acq: 16 Nov 2021 12:49

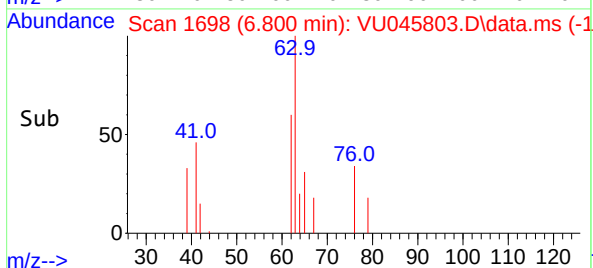
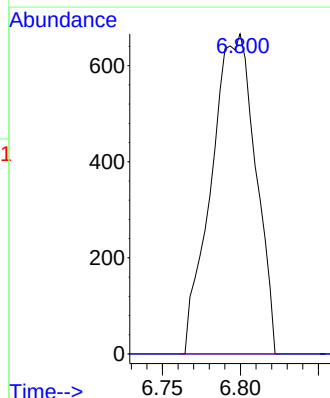
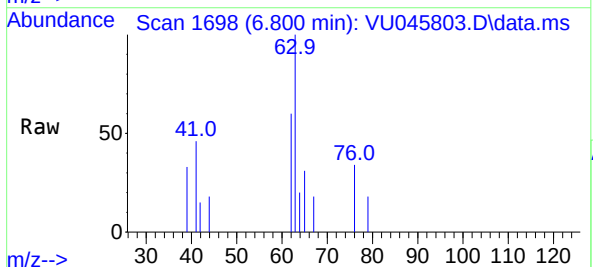
Instrument :
MSVOA_U
ClientSampleId :

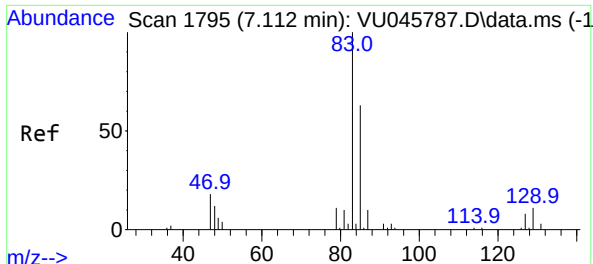
Tgt Ion: 83 Resp: 1915
Ion Ratio Lower Upper
83 100
55 67.6 61.9 92.9
98 33.8 39.0 58.6#



#37
1,2-Dichloropropane
Concen: 0.195 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. 0.007 min
Lab File: VU045803.D
Acq: 16 Nov 2021 12:49

Tgt Ion: 63 Resp: 1316
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#

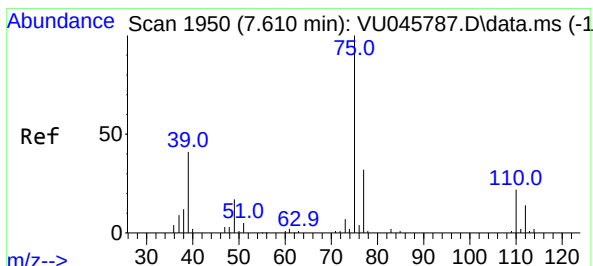
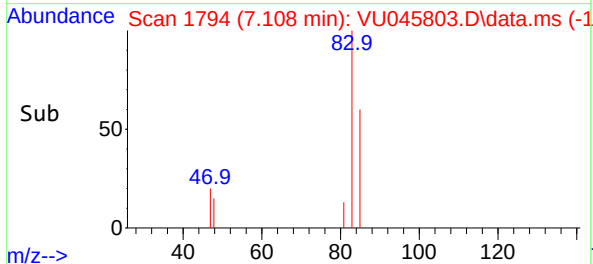
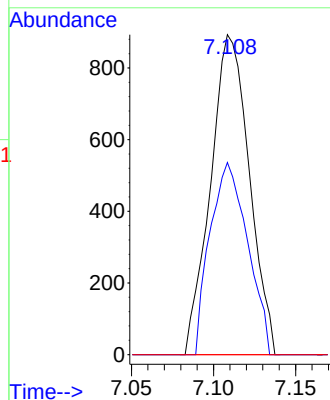
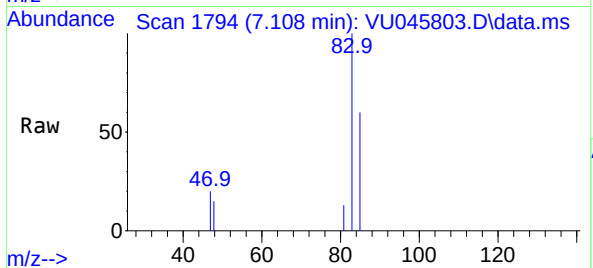




#38
Bromodichloromethane
Concen: 0.176 ug/L
RT: 7.108 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU045803.D
Acq: 16 Nov 2021 12:49

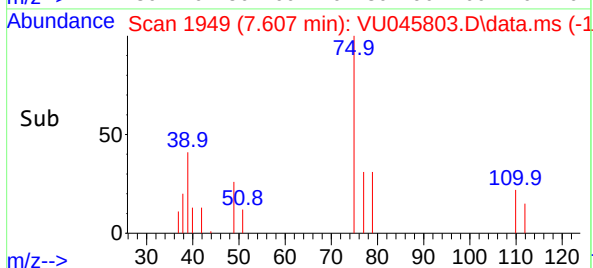
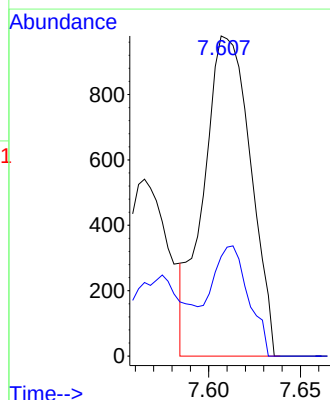
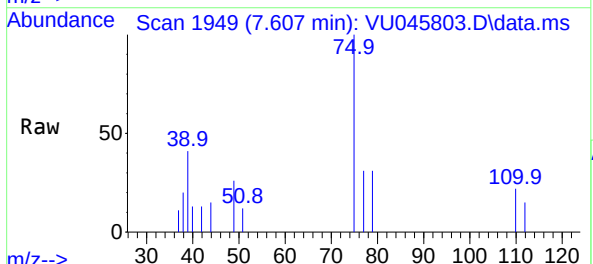
Instrument :
MSVOA_U
ClientSampleId :

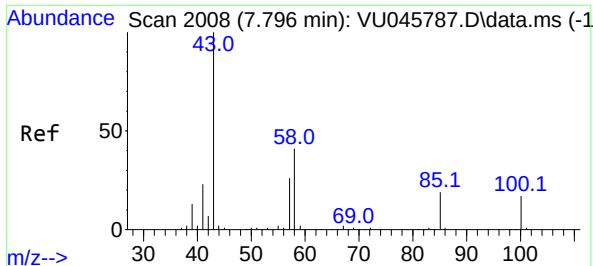
Tgt Ion: 83 Resp: 1464
Ion Ratio Lower Upper
83 100
85 60.0 44.0 81.8
127 0.0 6.3 9.5#



#39
cis-1,3-Dichloropropene
Concen: 0.182 ug/L
RT: 7.607 min Scan# 1949
Delta R.T. -0.003 min
Lab File: VU045803.D
Acq: 16 Nov 2021 12:49

Tgt Ion: 75 Resp: 1744
Ion Ratio Lower Upper
75 100
77 31.1 22.5 41.9





#40

4-Methyl-2-pentanone

Concen: 1.952 ug/L

RT: 7.796 min Scan# 2008

Delta R.T. 0.000 min

Lab File: VU045803.D

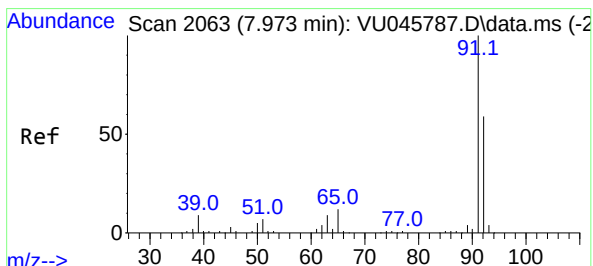
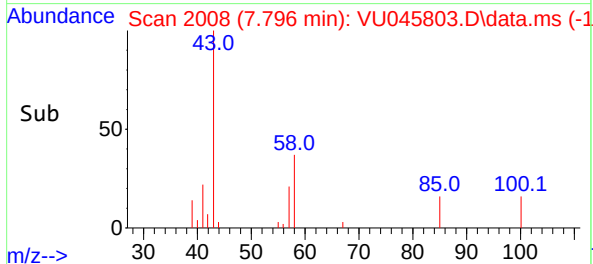
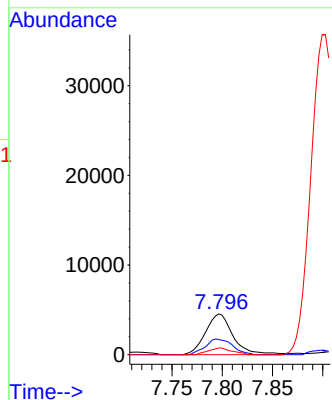
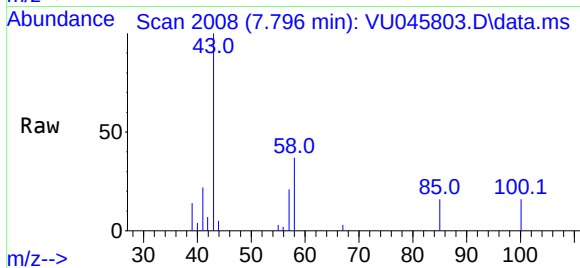
Acq: 16 Nov 2021 12:49

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	43	Resp:	8620
Ion	Ratio	Lower	Upper
43	100		
58	37.8	33.1	49.7
100	0.0	13.2	19.8



#42

Toluene

Concen: 0.237 ug/L

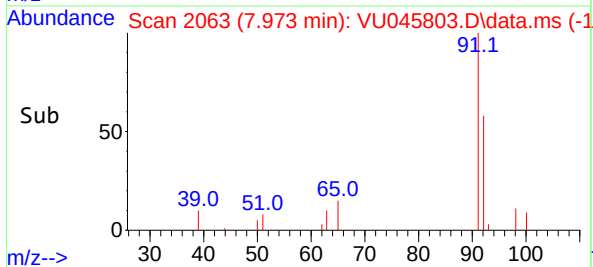
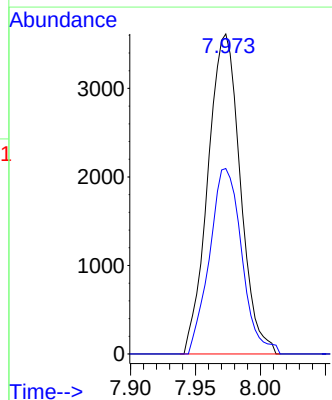
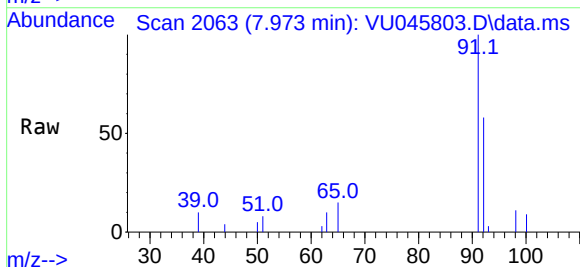
RT: 7.973 min Scan# 2063

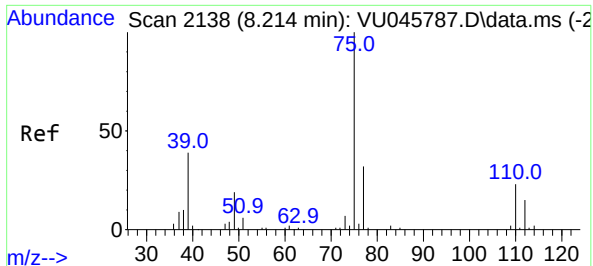
Delta R.T. 0.000 min

Lab File: VU045803.D

Acq: 16 Nov 2021 12:49

Tgt Ion:	91	Resp:	6266
Ion	Ratio	Lower	Upper
91	100		
92	58.0	41.3	76.7

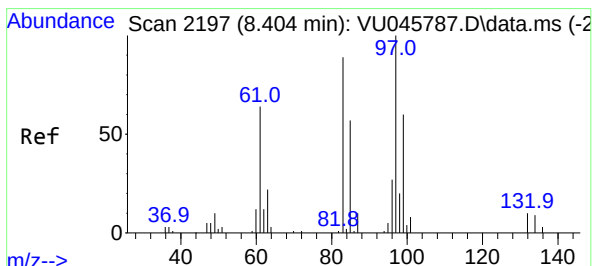
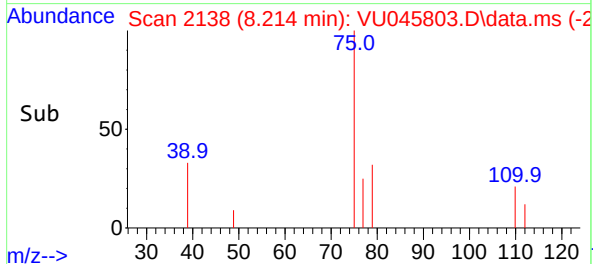
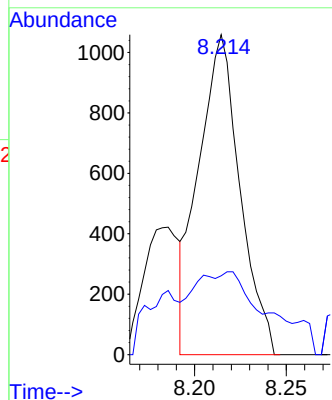
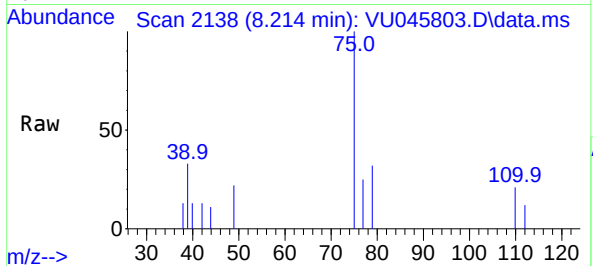




#44
trans-1,3-Dichloropropene
Concen: 0.199 ug/L
RT: 8.214 min Scan# 2138
Delta R.T. 0.000 min
Lab File: VU045803.D
Acq: 16 Nov 2021 12:49

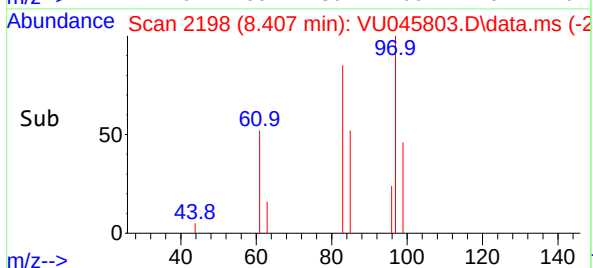
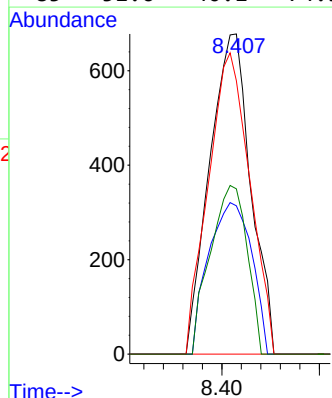
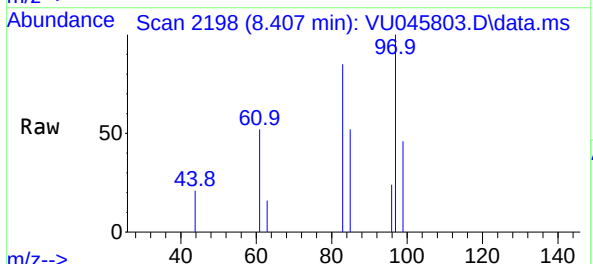
Instrument :
MSVOA_U
ClientSampleId :

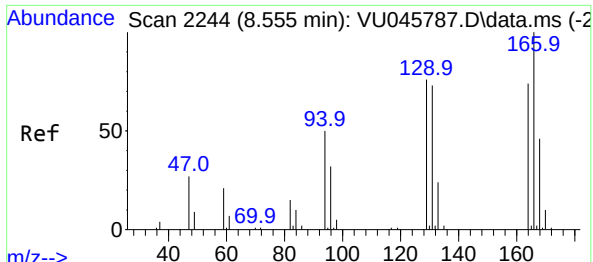
Tgt Ion: 75 Resp: 1659
Ion Ratio Lower Upper
75 100
77 24.6 22.7 42.3



#45
1,1,2-Trichloroethane
Concen: 0.199 ug/L
RT: 8.407 min Scan# 2198
Delta R.T. 0.003 min
Lab File: VU045803.D
Acq: 16 Nov 2021 12:49

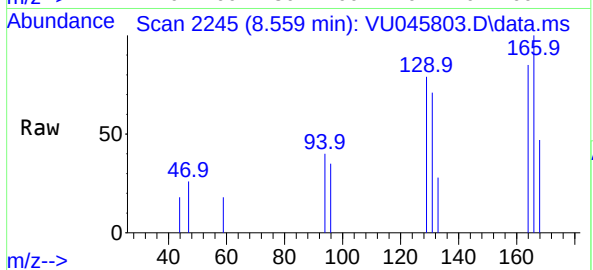
Tgt Ion: 97 Resp: 993
Ion Ratio Lower Upper
97 100
99 46.3 42.3 78.5
83 85.4 62.0 115.2
85 51.6 40.1 74.5





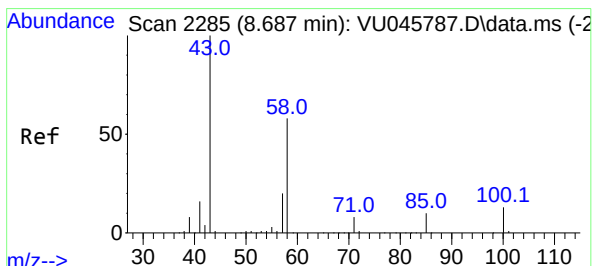
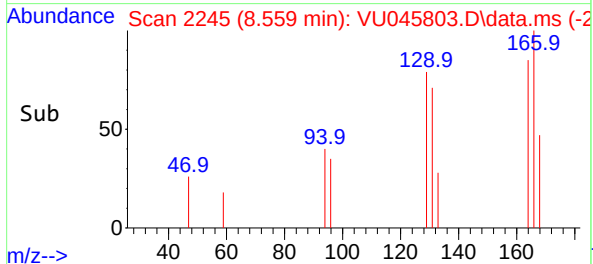
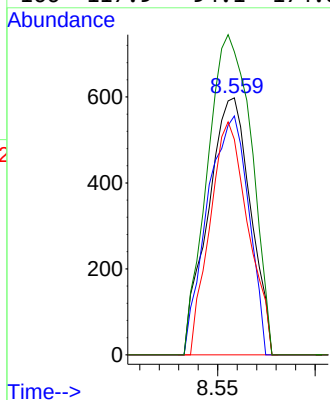
#47
Tetrachloroethene
Concen: 0.196 ug/L
RT: 8.559 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU045803.D
Acq: 16 Nov 2021 12:49

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:164 Resp: 907

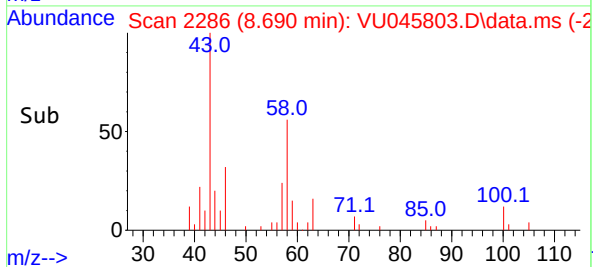
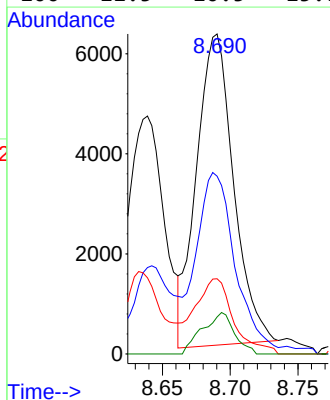
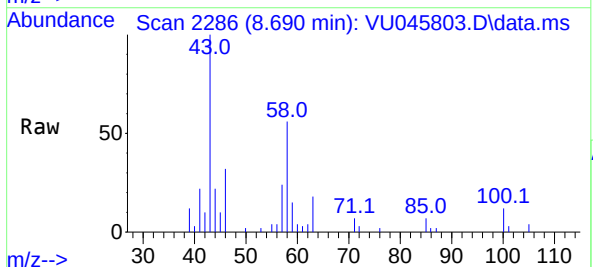
Ion	Ratio	Lower	Upper
164	100		
129	93.0	71.8	133.4
131	83.8	68.5	127.3
166	117.9	94.1	174.8

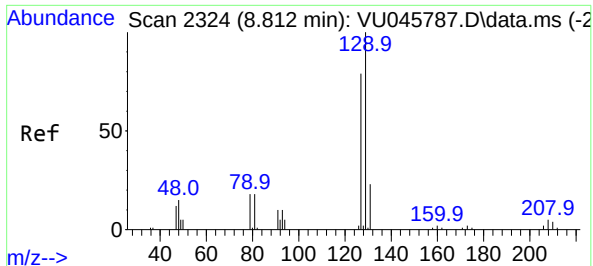


#48
2-Hexanone
Concen: 3.720 ug/L
RT: 8.690 min Scan# 2286
Delta R.T. 0.003 min
Lab File: VU045803.D
Acq: 16 Nov 2021 12:49

Tgt Ion: 43 Resp: 11868

Ion	Ratio	Lower	Upper
43	100		
58	58.1	46.7	70.1
57	25.7	16.3	24.5
100	11.5	10.5	15.7





#49

Dibromochloromethane

Concen: 0.190 ug/L

RT: 8.813 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU045803.D

Acq: 16 Nov 2021 12:49

Instrument :

MSVOA_U

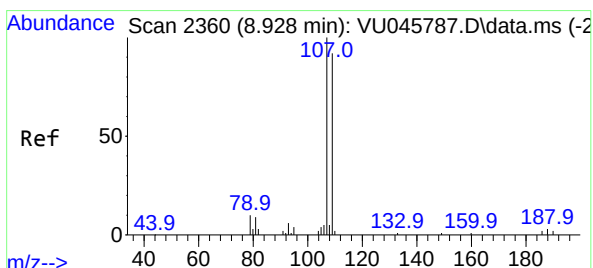
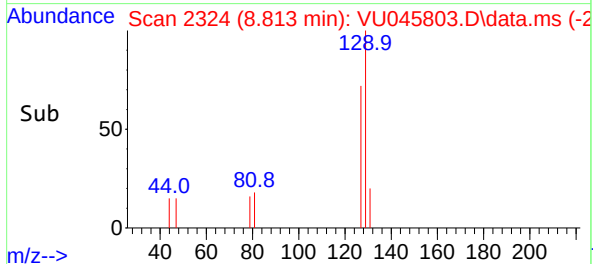
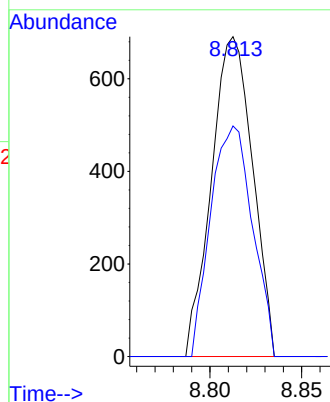
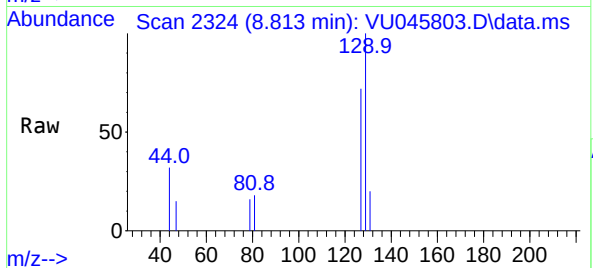
ClientSampleId :

Tgt Ion:129 Resp: 1080

Ion Ratio Lower Upper

129 100

127 72.1 55.4 102.8



#50

1,2-Dibromoethane

Concen: 0.193 ug/L

RT: 8.925 min Scan# 2359

Delta R.T. -0.003 min

Lab File: VU045803.D

Acq: 16 Nov 2021 12:49

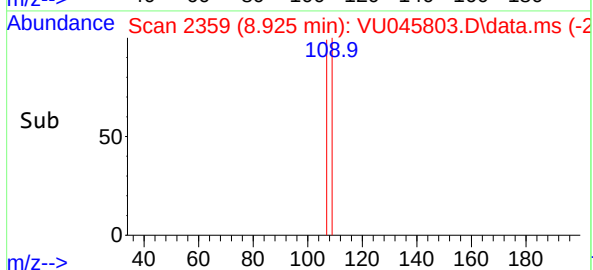
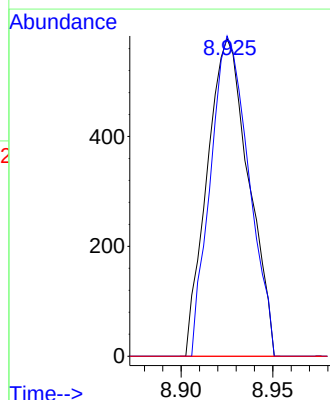
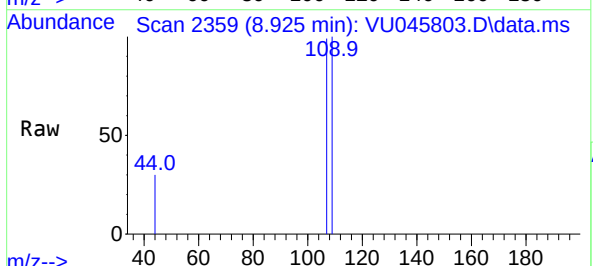
Tgt Ion:107 Resp: 911

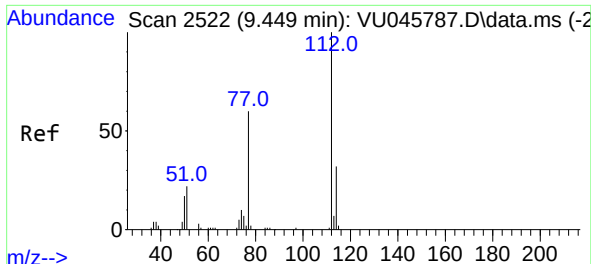
Ion Ratio Lower Upper

107 100

109 100.9 64.0 119.0

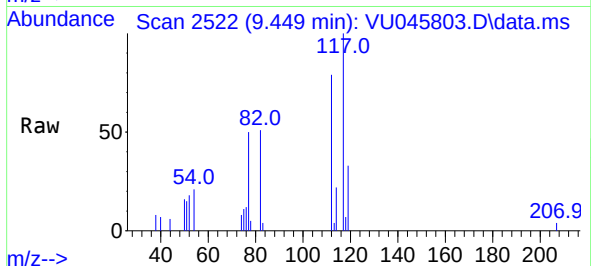
188 0.0 2.4 3.6#



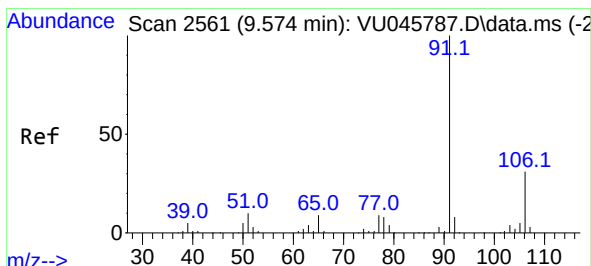
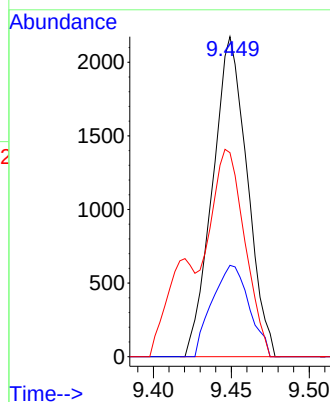
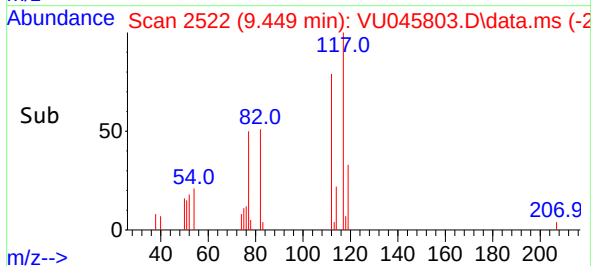


#51
Chlorobenzene
Concen: 0.202 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU045803.D
Acq: 16 Nov 2021 12:49

Instrument :
MSVOA_U
ClientSampleId :

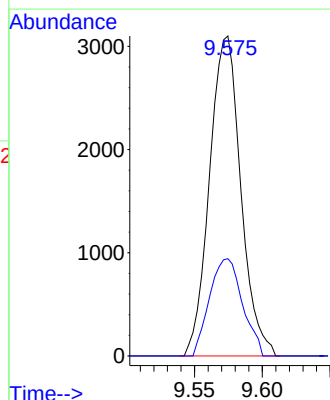
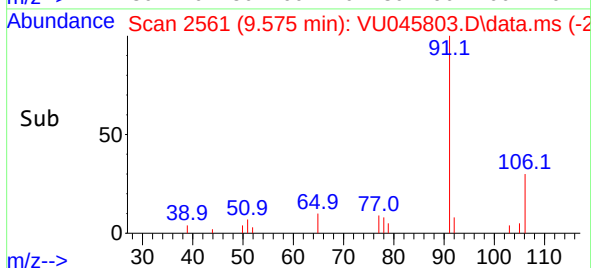
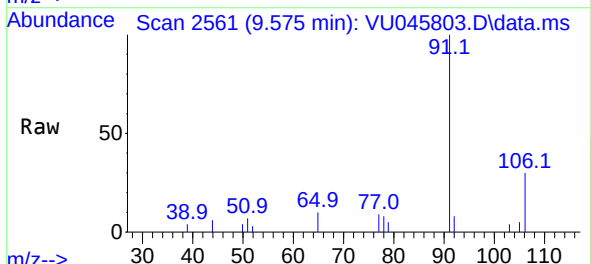


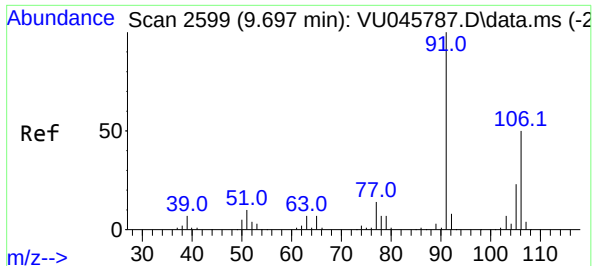
Tgt Ion:112 Resp: 3353
Ion Ratio Lower Upper
112 100
114 28.6 22.1 41.1
77 63.8 48.3 72.5



#52
Ethylbenzene
Concen: 0.180 ug/L
RT: 9.575 min Scan# 2561
Delta R.T. 0.000 min
Lab File: VU045803.D
Acq: 16 Nov 2021 12:49

Tgt Ion: 91 Resp: 4975
Ion Ratio Lower Upper
91 100
106 30.4 21.5 39.9





#53

m,p-Xylene

Concen: 0.182 ug/L

RT: 9.697 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU045803.D

Acq: 16 Nov 2021 12:49

Instrument :

MSVOA_U

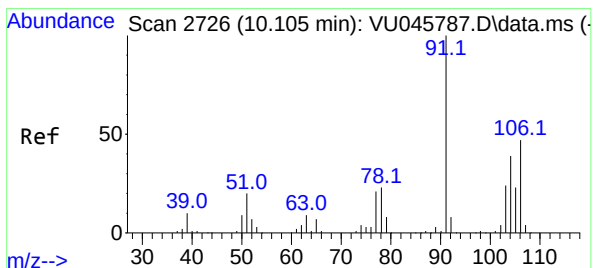
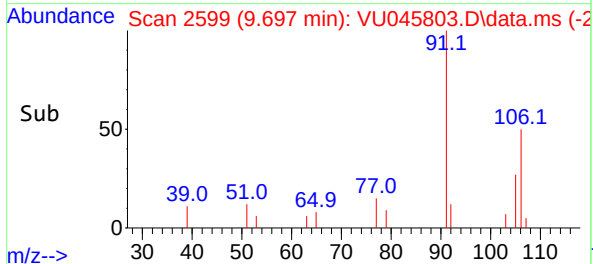
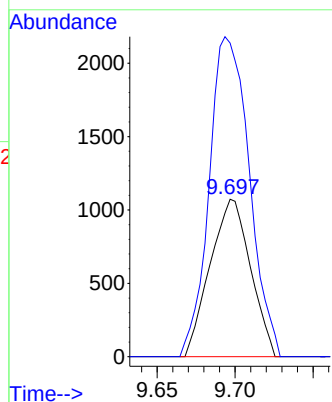
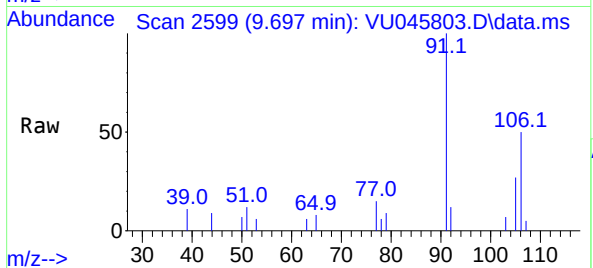
ClientSampleId :

Tgt Ion:106 Resp: 1929

Ion Ratio Lower Upper

106 100

91 199.2 139.4 259.0



#54

o-Xylene

Concen: 0.160 ug/L

RT: 10.102 min Scan# 2725

Delta R.T. -0.003 min

Lab File: VU045803.D

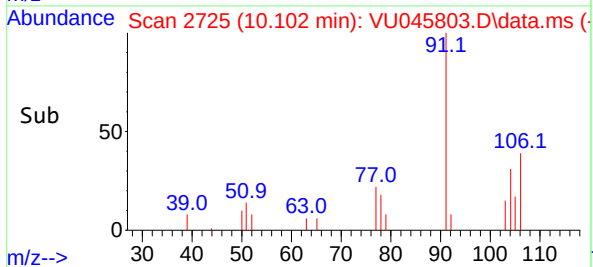
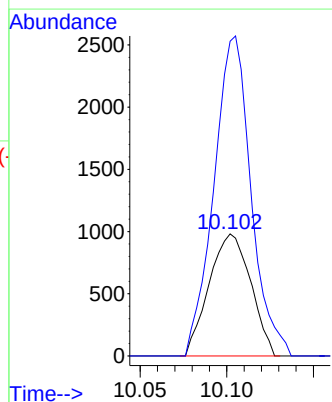
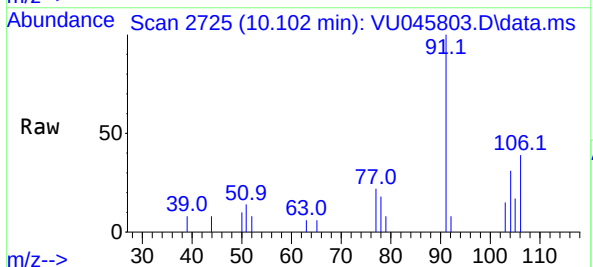
Acq: 16 Nov 2021 12:49

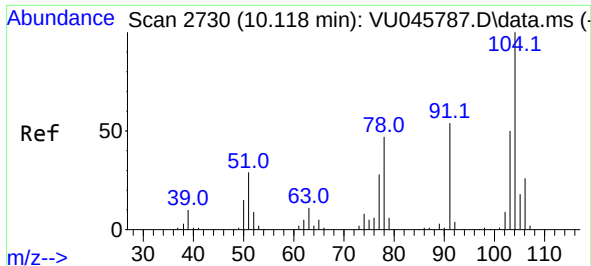
Tgt Ion:106 Resp: 1638

Ion Ratio Lower Upper

106 100

91 257.9 147.5 273.9

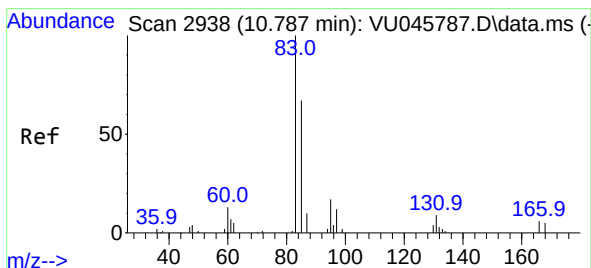
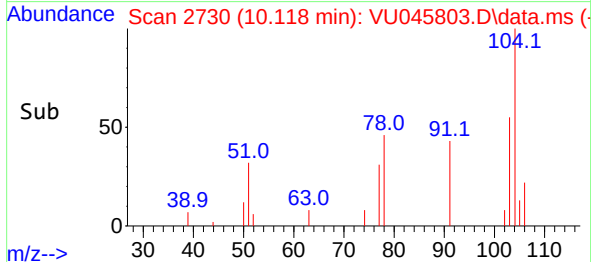
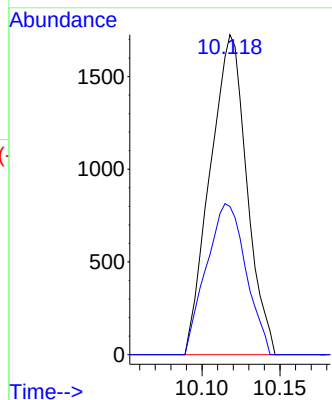
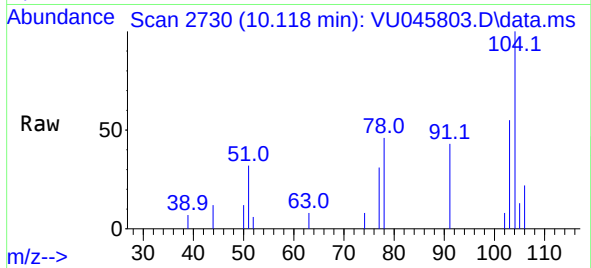




#55
Styrene
Concen: 0.164 ug/L
RT: 10.118 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU045803.D
Acq: 16 Nov 2021 12:49

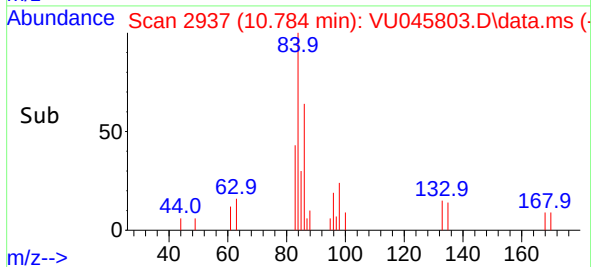
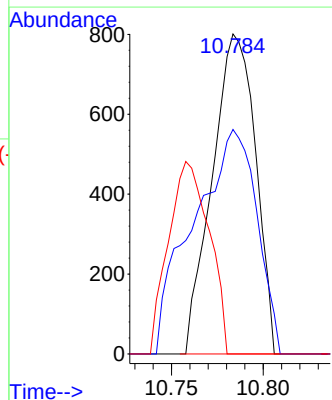
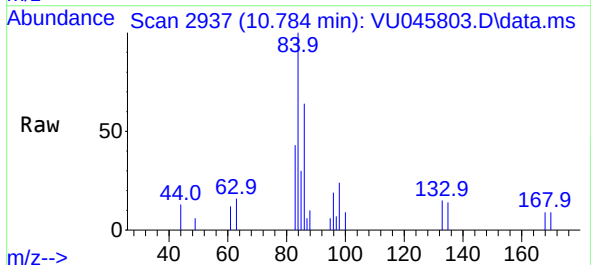
Instrument :
MSVOA_U
ClientSampleId :

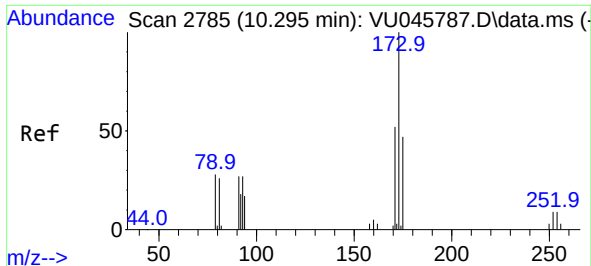
Tgt Ion:104 Resp: 2826
Ion Ratio Lower Upper
104 100
78 46.3 33.0 61.4



#57
1,1,2,2-Tetrachloroethane
Concen: 0.206 ug/L
RT: 10.784 min Scan# 2937
Delta R.T. -0.003 min
Lab File: VU045803.D
Acq: 16 Nov 2021 12:49

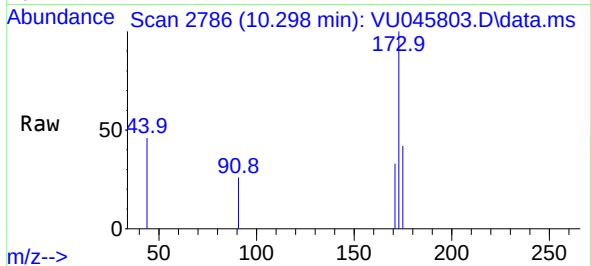
Tgt Ion: 83 Resp: 1316
Ion Ratio Lower Upper
83 100
85 70.2 47.9 89.1
131 0.0 8.1 12.1#



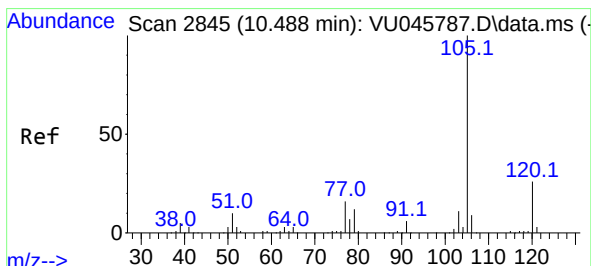
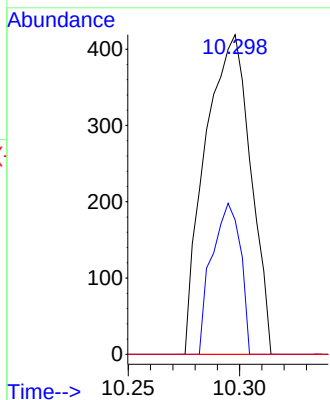
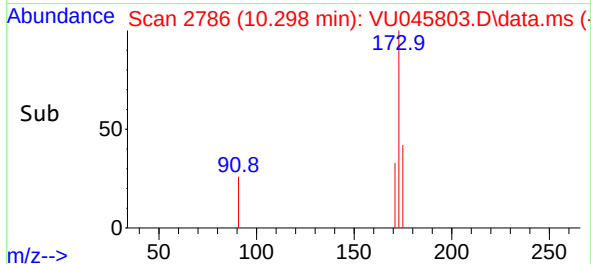


#59
Bromoform
Concen: 0.208 ug/L
RT: 10.298 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU045803.D
Acq: 16 Nov 2021 12:49

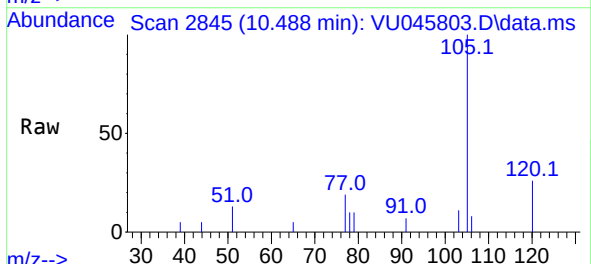
Instrument :
MSVOA_U
ClientSampleId :



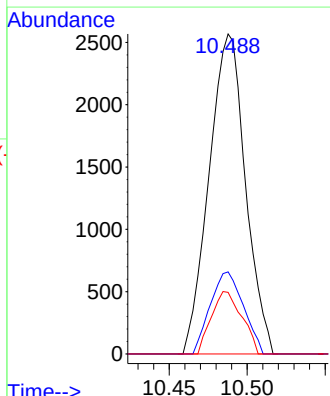
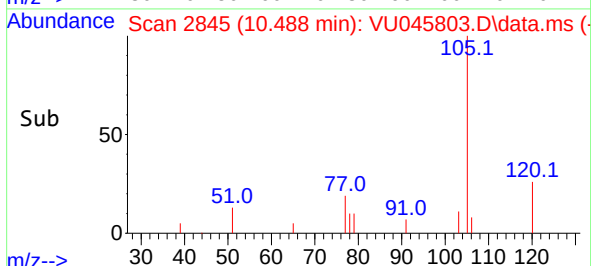
Tgt Ion:173 Resp: 593
Ion Ratio Lower Upper
173 100
175 29.8 37.8 56.6#
254 0.0 7.3 10.9#

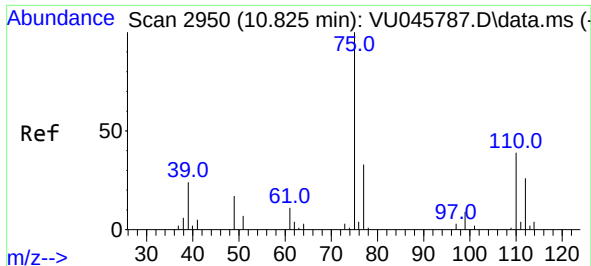


#60
Isopropylbenzene
Concen: 0.165 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. 0.000 min
Lab File: VU045803.D
Acq: 16 Nov 2021 12:49



Tgt Ion:105 Resp: 4161
Ion Ratio Lower Upper
105 100
120 23.4 20.7 31.1
77 16.3 12.6 19.0

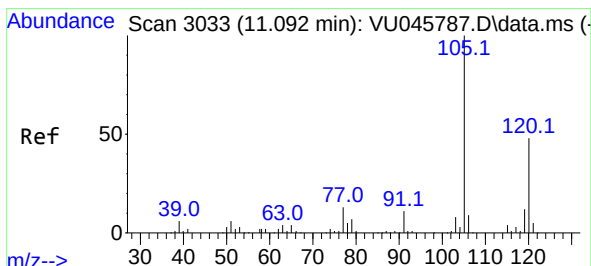
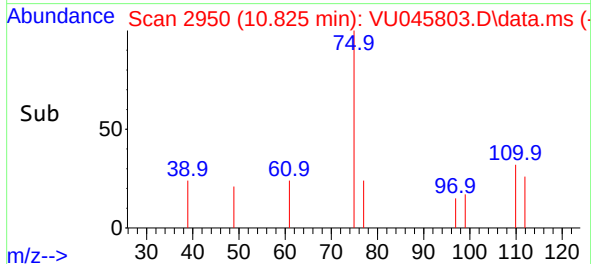
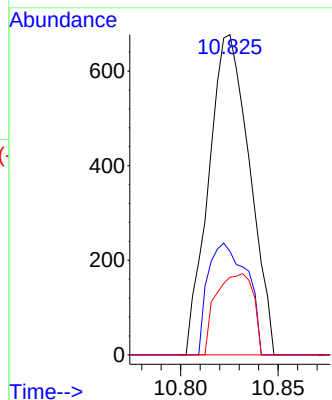
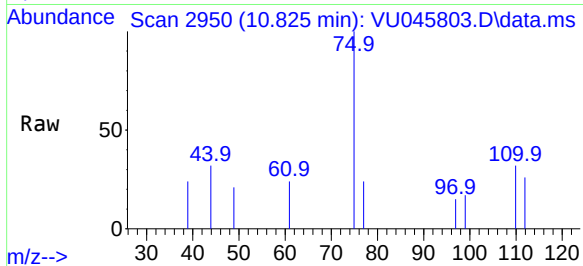




#61
1,2,3-Trichloropropane
Concen: 0.222 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU045803.D
Acq: 16 Nov 2021 12:49

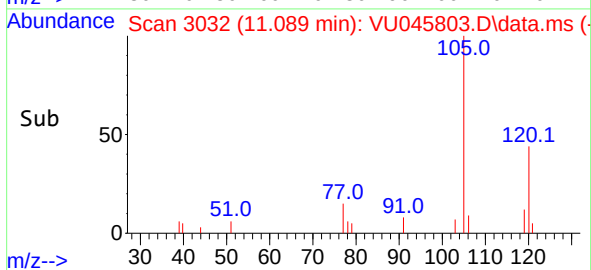
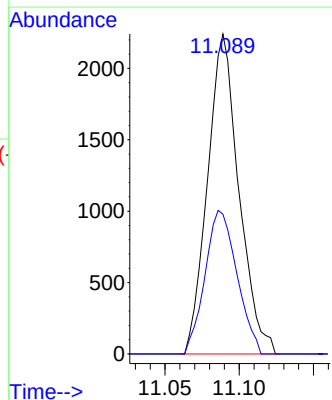
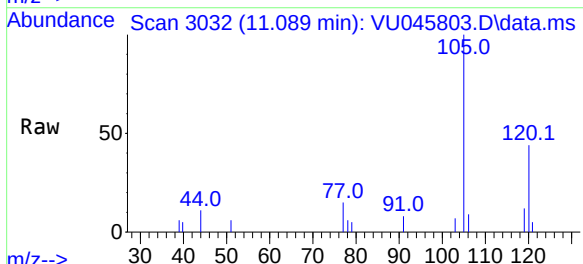
Instrument :
MSVOA_U
ClientSampleId :

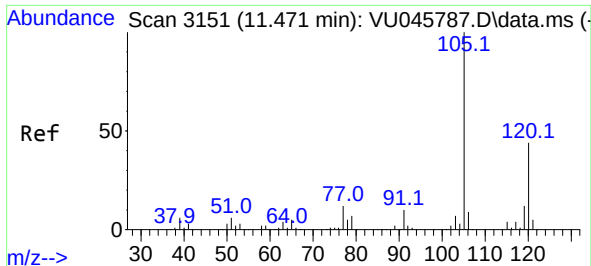
Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.3	29.9	44.9
77	22.9	25.5	38.3



#62
1,3,5-Trimethylbenzene
Concen: 0.159 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. -0.003 min
Lab File: VU045803.D
Acq: 16 Nov 2021 12:49

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.7	38.3	57.5

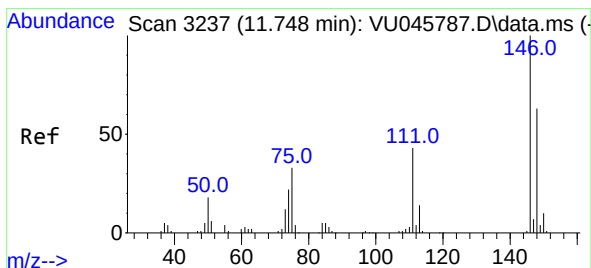
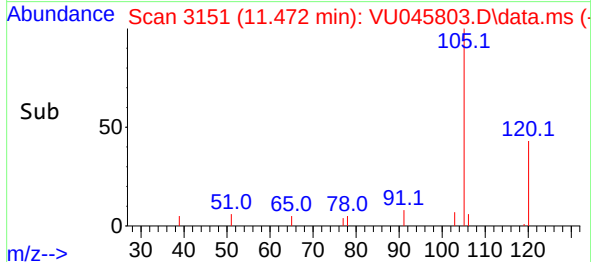
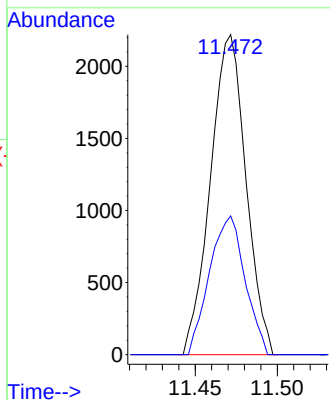
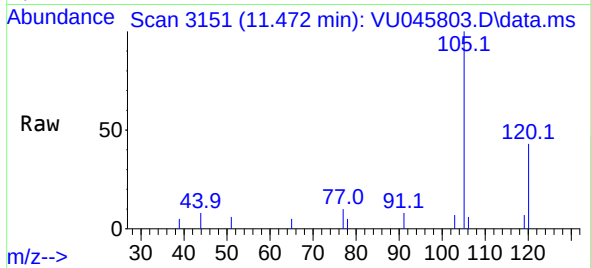




#63
1,2,4-Trimethylbenzene
Concen: 0.162 ug/L
RT: 11.472 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VU045803.D
Acq: 16 Nov 2021 12:49

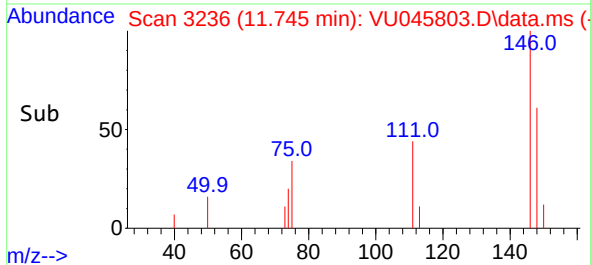
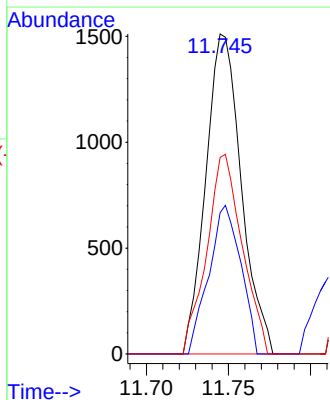
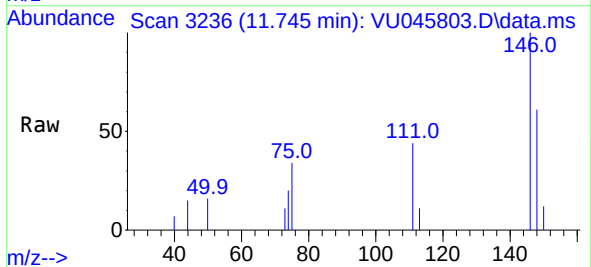
Instrument :
MSVOA_U
ClientSampleId :

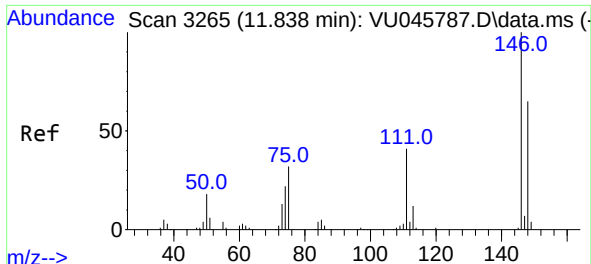
Tgt Ion:105 Resp: 3336
Ion Ratio Lower Upper
105 100
120 43.3 35.8 53.8



#64
1,3-Dichlorobenzene
Concen: 0.193 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. -0.003 min
Lab File: VU045803.D
Acq: 16 Nov 2021 12:49

Tgt Ion:146 Resp: 2273
Ion Ratio Lower Upper
146 100
111 44.1 29.9 55.5
148 61.4 44.3 82.3

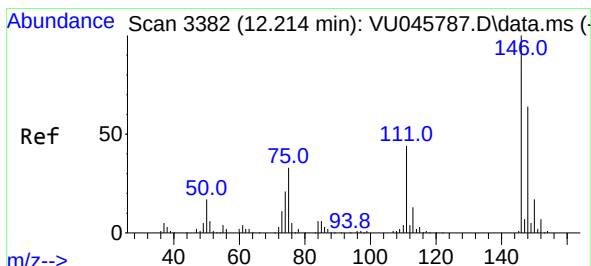
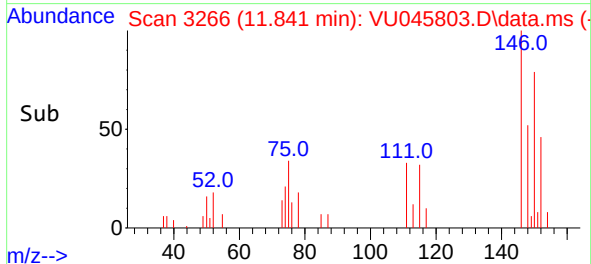
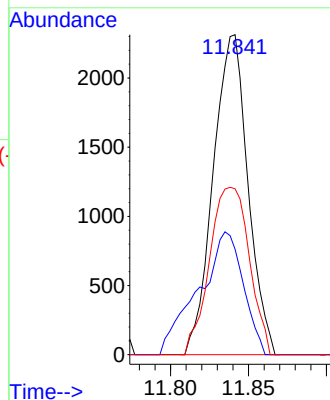
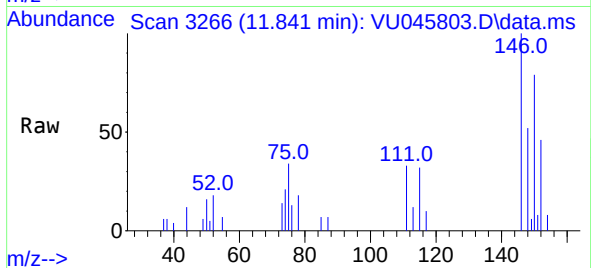




#65
1,4-Dichlorobenzene
Concen: 0.300 ug/L
RT: 11.841 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU045803.D
Acq: 16 Nov 2021 12:49

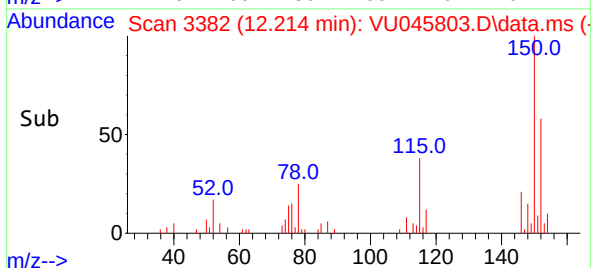
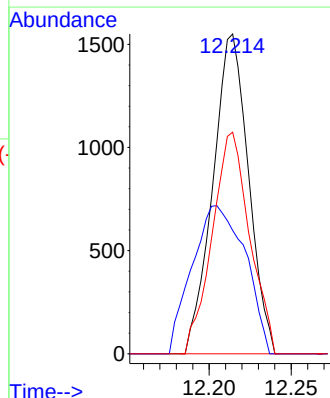
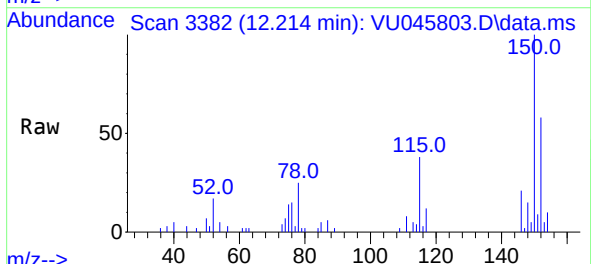
Instrument :
MSVOA_U
ClientSampleId :

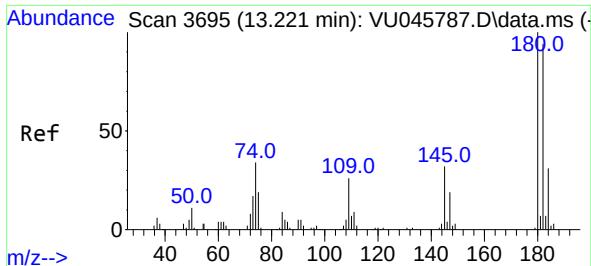
Tgt Ion:146 Resp: 3584
Ion Ratio Lower Upper
146 100
111 32.9 28.7 53.3
148 51.9 45.8 85.0



#67
1,2-Dichlorobenzene
Concen: 0.207 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. 0.000 min
Lab File: VU045803.D
Acq: 16 Nov 2021 12:49

Tgt Ion:146 Resp: 2340
Ion Ratio Lower Upper
146 100
111 38.6 35.4 53.0
148 69.3 51.1 76.7





#69

1,3,5-Trichlorobenzene

Concen: 0.152 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. 0.621 min

Lab File: VU045803.D

Acq: 16 Nov 2021 12:49

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 1339

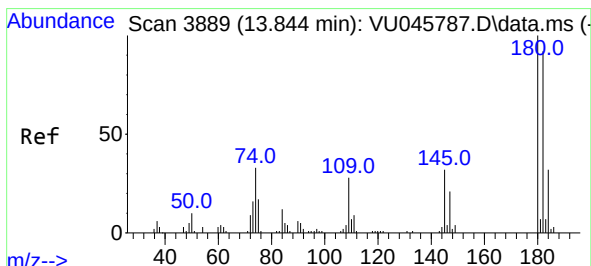
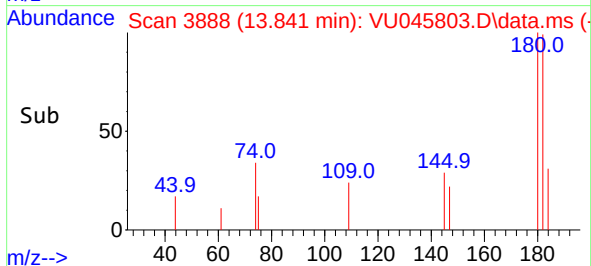
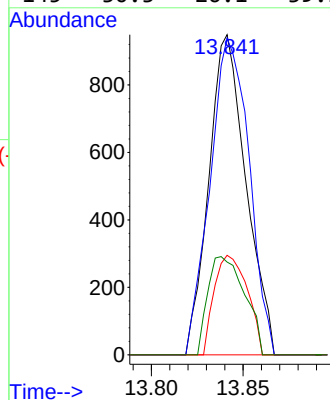
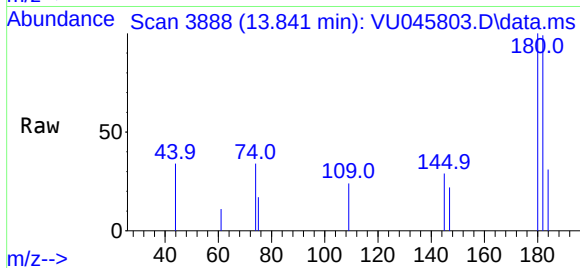
Ion Ratio Lower Upper

180 100

182 103.8 76.1 114.1

184 27.6 25.0 37.4

145 30.3 26.1 39.1



#70

1,2,4-trichlorobenzene

Concen: 0.180 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. -0.003 min

Lab File: VU045803.D

Acq: 16 Nov 2021 12:49

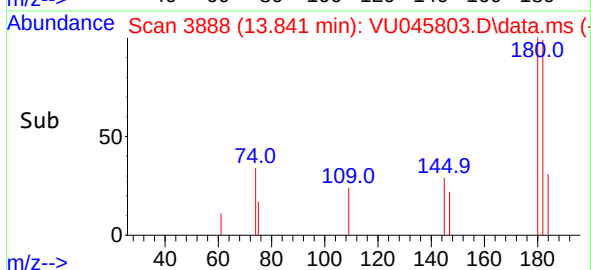
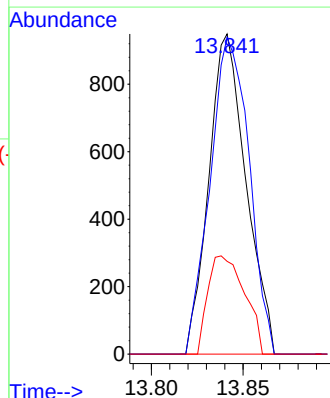
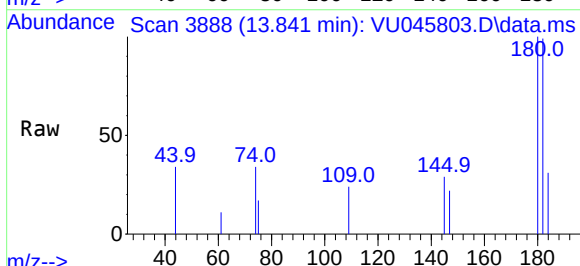
Tgt Ion:180 Resp: 1339

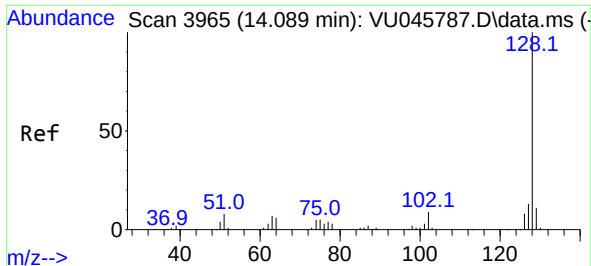
Ion Ratio Lower Upper

180 100

182 103.8 76.4 114.6

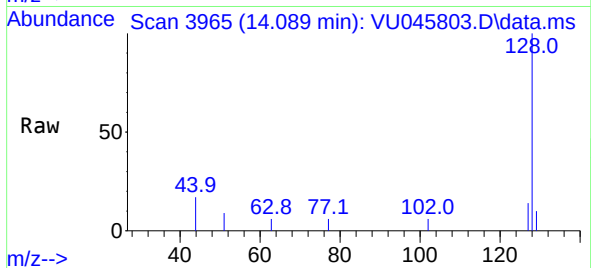
145 30.3 25.6 38.4



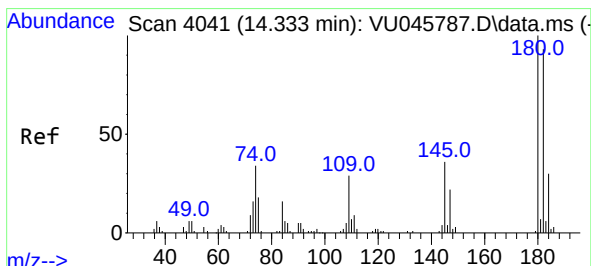
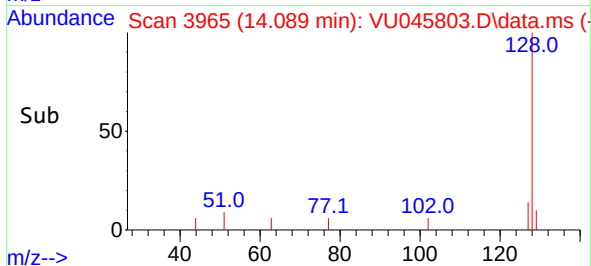
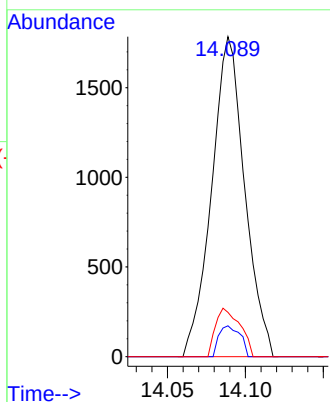


#71
Naphthalene
Concen: 0.172 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. 0.000 min
Lab File: VU045803.D
Acq: 16 Nov 2021 12:49

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 2632
Ion Ratio Lower Upper
128 100
129 6.2 8.4 12.6#
127 11.2 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 0.178 ug/L
RT: 14.333 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VU045803.D
Acq: 16 Nov 2021 12:49

Tgt Ion:180 Resp: 1321
Ion Ratio Lower Upper
180 100
182 92.9 76.2 114.4
145 32.4 28.4 42.6

