

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031122\
 Data File : VU047488.D
 Acq On : 11 Mar 2022 13:38
 Operator : SY/MD
 Sample : N1878-03MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4685MSD

Quant Time: Mar 12 01:34:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Mar 12 01:28:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	83835	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	81633	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	45757	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	20382	4.483	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.600%
7) Chloroethane-d5	1.919	69	15514	4.648	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.000%
11) 1,1-Dichloroethene-d2	2.572	65	8926	4.445	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.800%
20) 2-Butanone-d5	4.642	46	76933	95.035	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	190.080%#
24) Chloroform-d	5.067	84	37427	5.167	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.400%
26) 1,2-Dichloroethane-d4	5.707	65	20588	5.613	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.200%
32) Benzene-d6	5.732	84	71761	4.673	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
36) 1,2-Dichloropropane-d6	6.694	67	22139	4.874	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.400%
41) Toluene-d8	7.899	98	69749	4.621	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
43) trans-1,3-Dichloroprop...	8.179	79	10099	5.236	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.800%
46) 2-Hexanone-d5	8.636	63	62902	74.036	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	148.080%#
56) 1,1,2,2-Tetrachloroeth...	10.758	84	26573	6.712	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	134.200%#
66) 1,2-Dichlorobenzene-d4	12.192	152	28951	4.990	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	37085	5.908	ug/L	99
3) Chloromethane	1.523	50	36346	5.799	ug/L	99
5) Vinyl chloride	1.607	62	35525	5.762	ug/L	97
6) Bromomethane	1.861	94	17863	5.081	ug/L	98
8) Chloroethane	1.938	64	22006	5.877	ug/L	100
9) Trichlorofluoromethane	2.144	101	48644	5.988	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	30121	6.006	ug/L	98
12) 1,1-Dichloroethene	2.588	96	27853	5.659	ug/L	98
13) Acetone	2.658	43	88367	118.809	ug/L	97
14) Carbon disulfide	2.800	76	85745	5.675	ug/L	98
15) Methyl Acetate	2.961	43	20191	10.273	ug/L	95
16) Methylene chloride	3.051	84	32279	5.494	ug/L	99
17) Methyl tert-butyl Ether	3.369	73	91361	7.198	ug/L	98
18) trans-1,2-Dichloroethene	3.359	96	29339	5.568	ug/L	96
19) 1,1-Dichloroethane	3.874	63	54040	6.029	ug/L	96
21) 2-Butanone	4.719	43	148625	110.963	ug/L	99
22) cis-1,2-Dichloroethene	4.671	96	35058	6.004	ug/L	96
23) Bromochloromethane	4.980	128	18056	6.472	ug/L	95
25) Chloroform	5.092	83	59760	6.158	ug/L	99

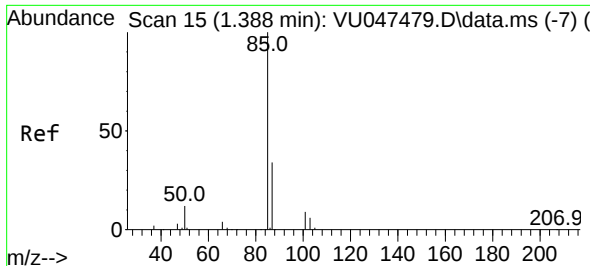
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031122\
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	43202	6.915	ug/L	99
29) 1,1,1-Trichloroethane	5.321	97	48878	5.795	ug/L	99
30) Cyclohexane	5.395	56	44660	5.496	ug/L	99
31) Carbon tetrachloride	5.530	117	43668	5.895	ug/L	99
33) Benzene	5.777	78	125462	5.691	ug/L	100
34) Trichloroethene	6.543	95	33564	5.695	ug/L	93
35) Methylcyclohexane	6.764	83	49368	5.310	ug/L	99
37) 1,2-Dichloropropane	6.793	63	32353	5.892	ug/L	100
38) Bromodichloromethane	7.108	83	44019	6.039	ug/L	98
39) cis-1,3-Dichloropropene	7.607	75	48302	5.803	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	329543	88.043	ug/L	99
42) Toluene	7.970	91	138365	5.777	ug/L	97
44) trans-1,3-Dichloropropene	8.211	75	46295	6.166	ug/L	100
45) 1,1,2-Trichloroethane	8.401	97	31257	6.946	ug/L	97
47) Tetrachloroethene	8.552	164	27789	5.558	ug/L	98
48) 2-Hexanone	8.687	43	249395	91.840	ug/L	99
49) Dibromochloromethane	8.809	129	36233	6.628	ug/L	99
50) 1,2-Dibromoethane	8.925	107	33548	7.327	ug/L	99
51) Chlorobenzene	9.449	112	90750	5.664	ug/L	99
52) Ethylbenzene	9.571	91	142231	5.483	ug/L	100
53) m,p-Xylene	9.694	106	55285	5.433	ug/L	100
54) o-Xylene	10.102	106	54763	5.555	ug/L	97
55) Styrene	10.115	104	93264	5.596	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.784	83	47002	7.803	ug/L	99
59) Bromoform	10.292	173	26767	7.770	ug/L	100
60) Isopropylbenzene	10.484	105	141081	5.511	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	34676	8.181	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	89987	5.359	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	115340	5.295	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	75347	5.553	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	76554	5.556	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	76732	5.885	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	8429	8.821	ug/L	87
69) 1,3,5-Trichlorobenzene	13.217	180	60671	5.451	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	53616	5.405	ug/L	100
71) Naphthalene	14.086	128	123840	6.979	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	53263	5.856	ug/L	99

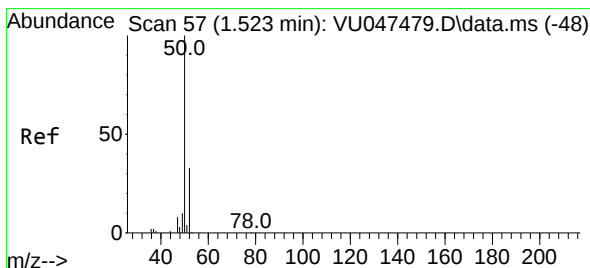
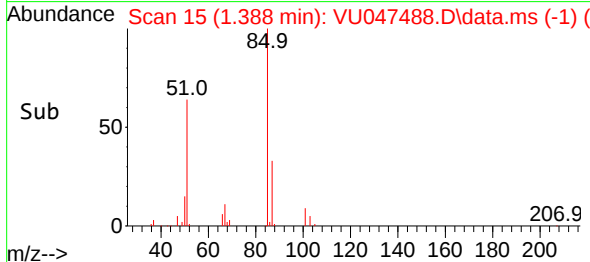
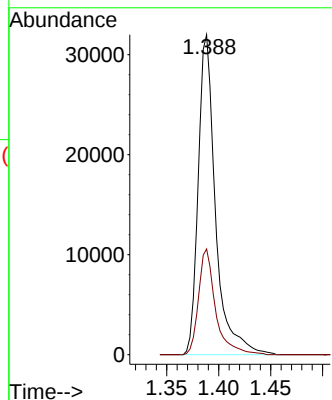
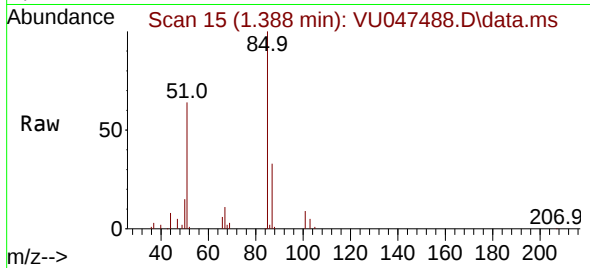
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#2
Dichlorodifluoromethane
Concen: 5.908 ug/L
RT: 1.388 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU047488.D
Acq: 11 Mar 2022 13:38

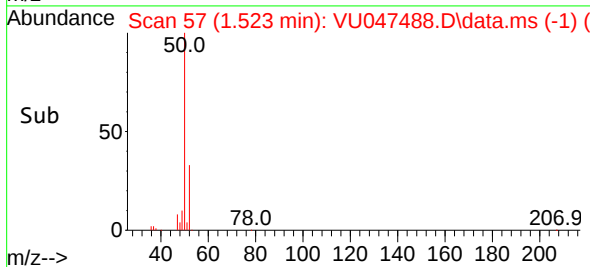
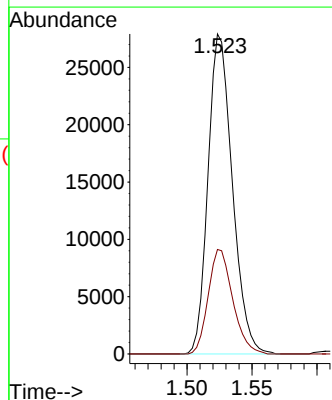
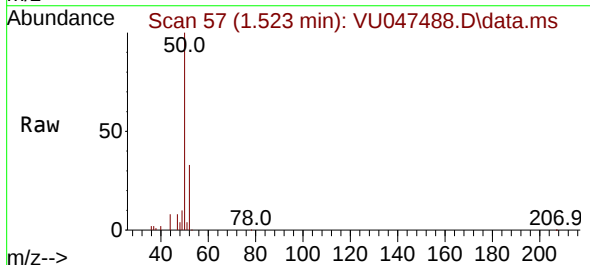
Instrument :
MSVOA_U
ClientSampleId :
H4685MSD

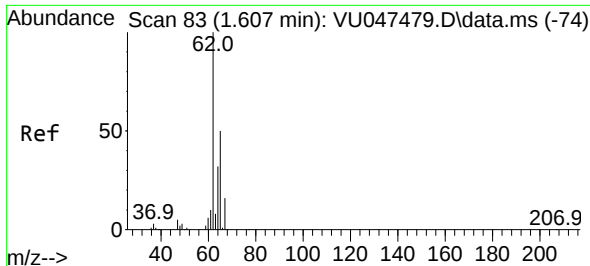
Tgt Ion: 85 Resp: 37085
Ion Ratio Lower Upper
85 100
87 32.7 25.6 38.4



#3
Chloromethane
Concen: 5.799 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU047488.D
Acq: 11 Mar 2022 13:38

Tgt Ion: 50 Resp: 36346
Ion Ratio Lower Upper
50 100
52 32.6 22.5 41.9

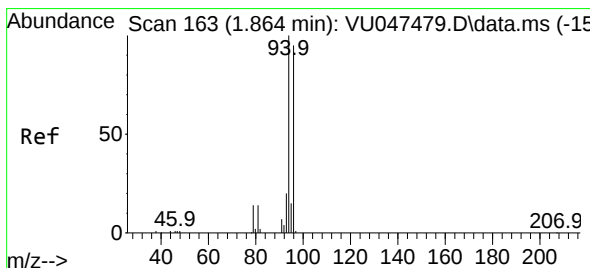
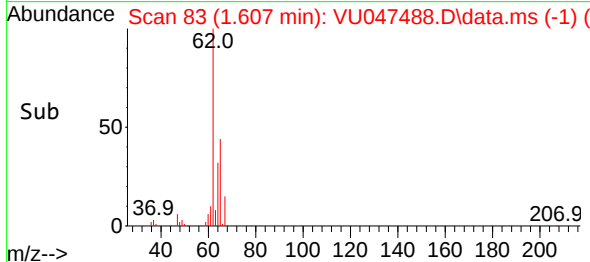
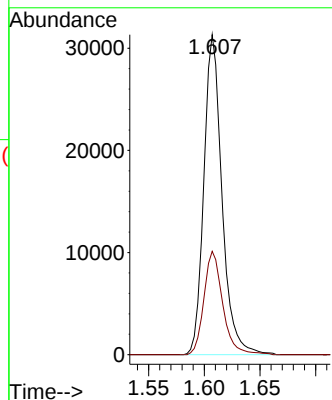
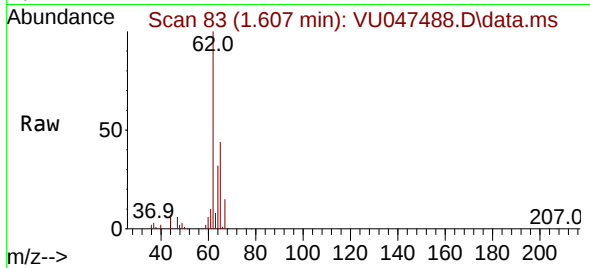




#5
 Vinyl chloride
 Concen: 5.762 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU047488.D
 Acq: 11 Mar 2022 13:38

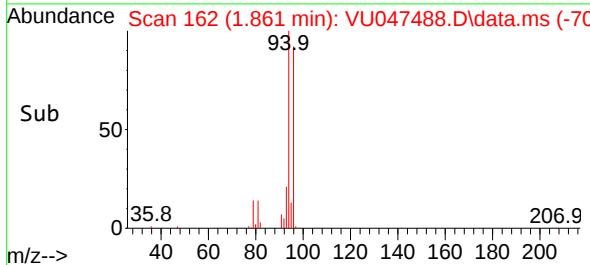
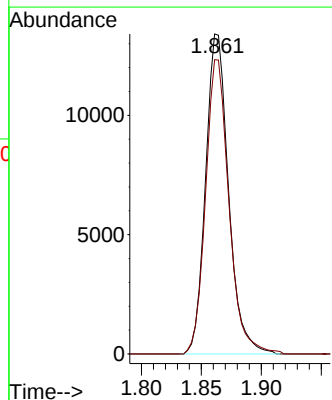
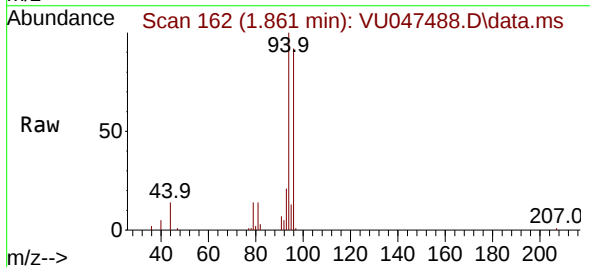
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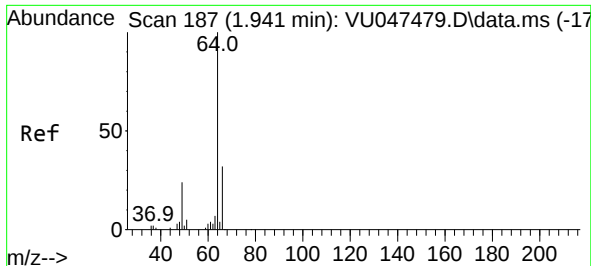
Tgt Ion: 62 Resp: 35525
 Ion Ratio Lower Upper
 62 100
 64 32.3 23.7 43.9



#6
 Bromomethane
 Concen: 5.081 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. -0.003 min
 Lab File: VU047488.D
 Acq: 11 Mar 2022 13:38

Tgt Ion: 94 Resp: 17863
 Ion Ratio Lower Upper
 94 100
 96 92.0 65.6 121.8





#8

Chloroethane

Concen: 5.877 ug/L

RT: 1.938 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU047488.D

Acq: 11 Mar 2022 13:38

Instrument :

MSVOA_U

ClientSampleId :

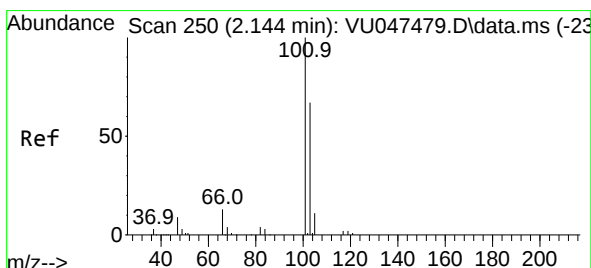
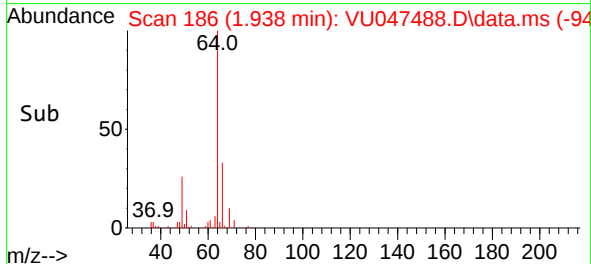
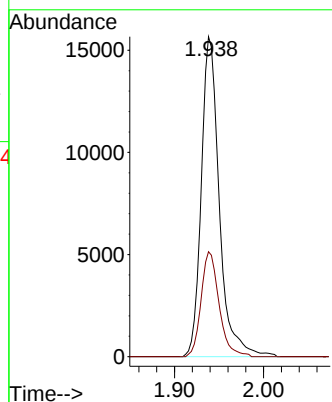
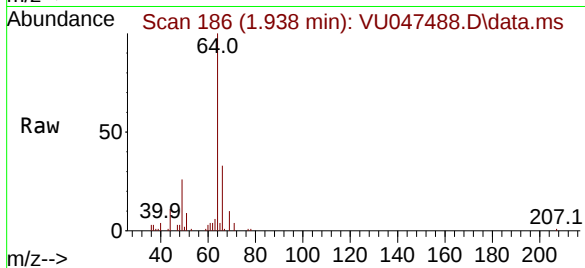
H4685MSD

Tgt Ion: 64 Resp: 22006

Ion Ratio Lower Upper

64 100

66 32.8 22.9 42.5



#9

Trichlorofluoromethane

Concen: 5.988 ug/L

RT: 2.144 min Scan# 250

Delta R.T. -0.000 min

Lab File: VU047488.D

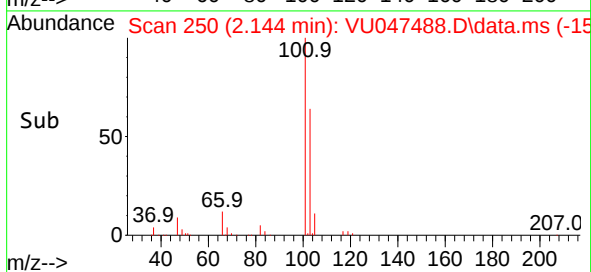
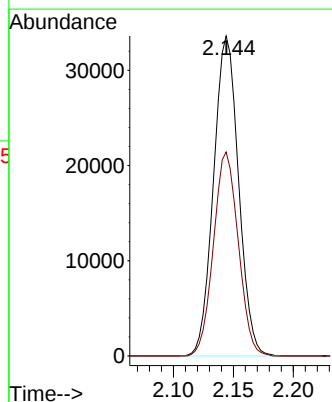
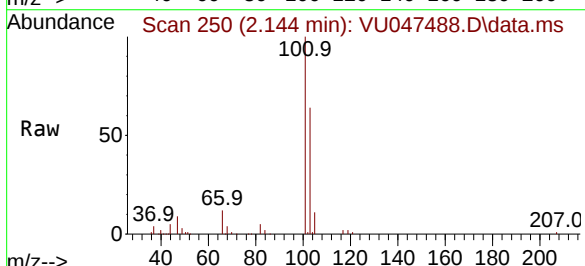
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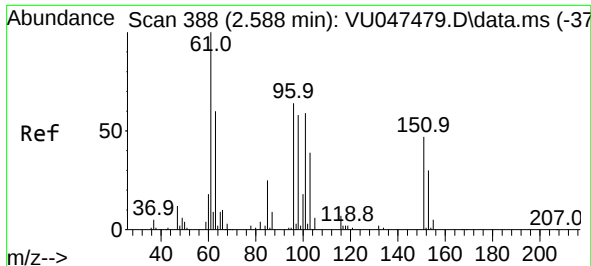
Tgt Ion:101 Resp: 48644

Ion Ratio Lower Upper

101 100

103 63.2 51.8 77.8

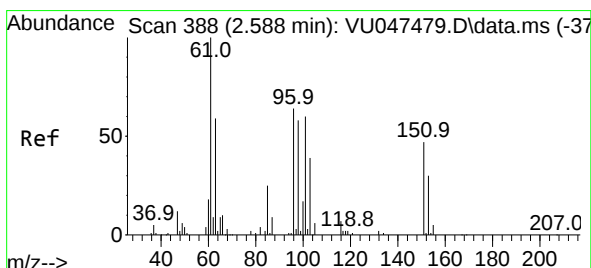
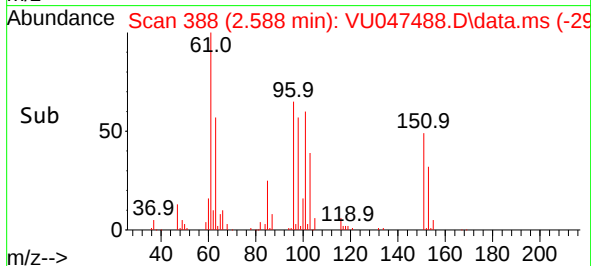
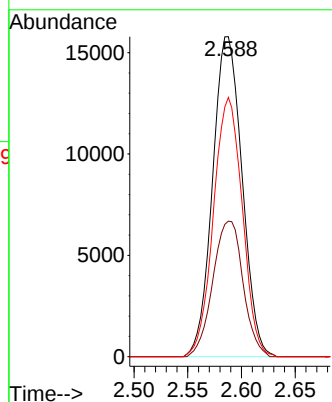
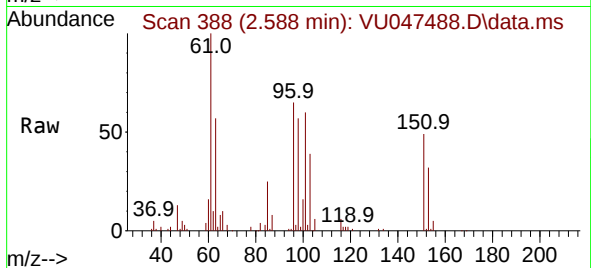




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 6.006 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. -0.000 min
 Lab File: VU047488.D
 Acq: 11 Mar 2022 13:38

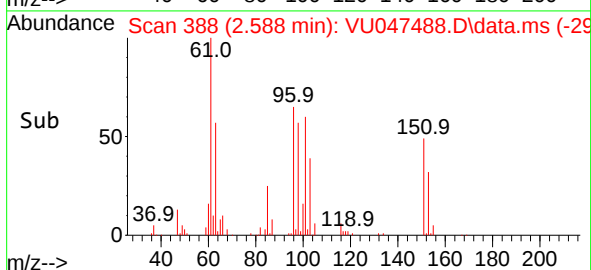
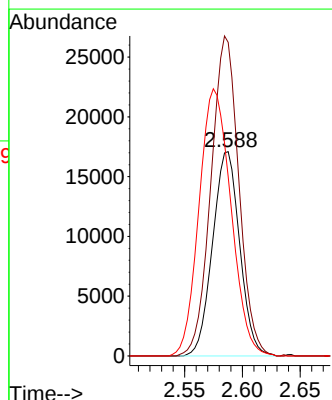
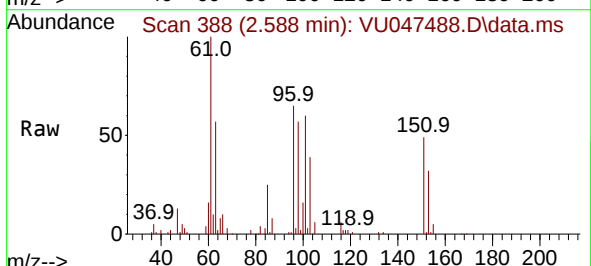
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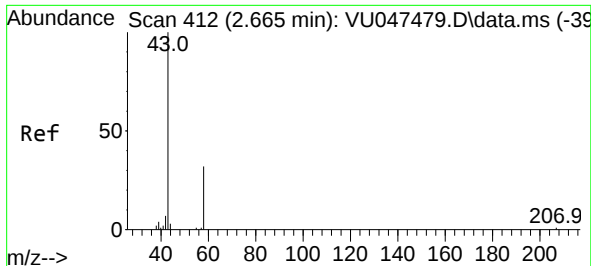
Tgt Ion:101 Resp: 30121
 Ion Ratio Lower Upper
 101 100
 85 43.4 33.8 50.6
 151 79.3 64.8 97.2



#12
 1,1-Dichloroethene
 Concen: 5.659 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. -0.000 min
 Lab File: VU047488.D
 Acq: 11 Mar 2022 13:38

Tgt Ion: 96 Resp: 27853
 Ion Ratio Lower Upper
 96 100
 61 153.5 108.8 202.0
 63 87.8 64.0 119.0





#13

Acetone

Concen: 118.809 ug/L

RT: 2.658 min Scan# 41

Delta R.T. -0.006 min

Lab File: VU047488.D

Acq: 11 Mar 2022 13:38

Instrument :

MSVOA_U

ClientSampleId :

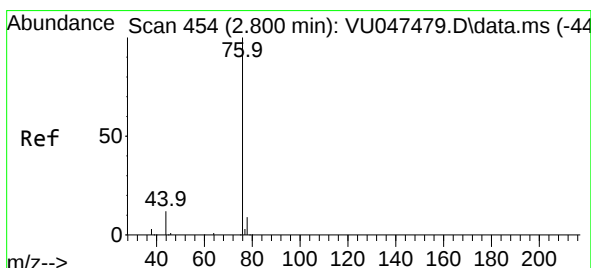
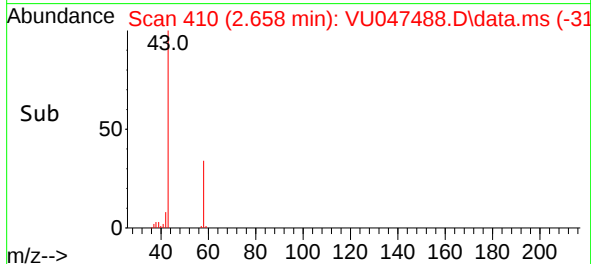
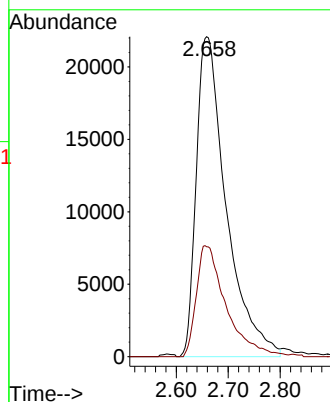
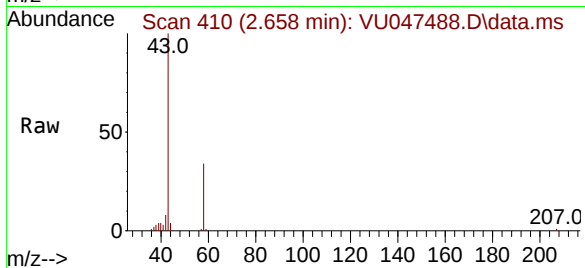
H4685MSD

Tgt Ion: 43 Resp: 88367

Ion Ratio Lower Upper

43 100

58 34.5 0.0 72.6



#14

Carbon disulfide

Concen: 5.675 ug/L

RT: 2.800 min Scan# 454

Delta R.T. -0.000 min

Lab File: VU047488.D

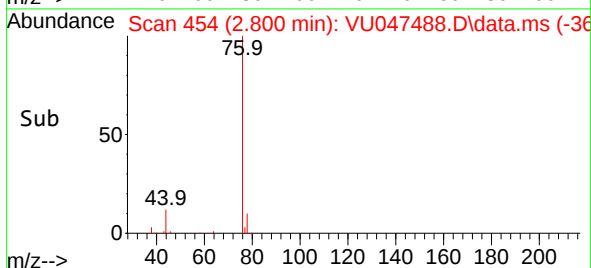
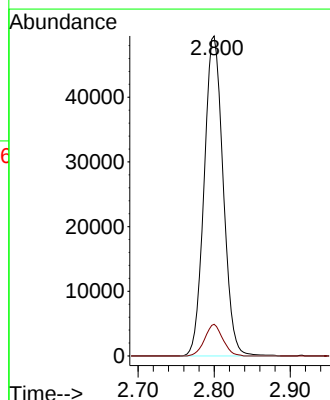
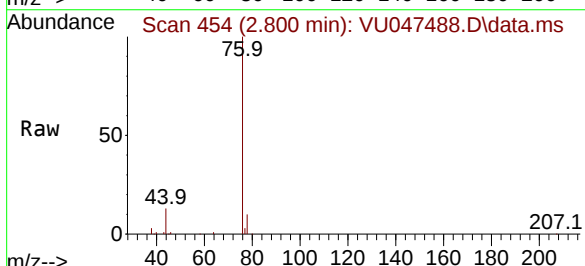
Acq: 11 Mar 2022 13:38

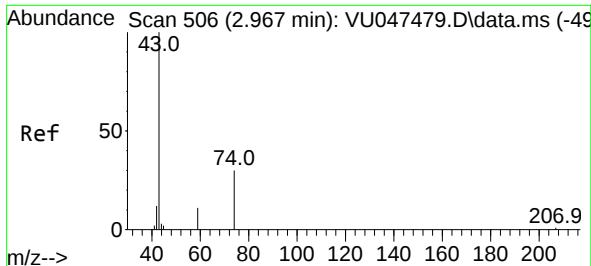
Tgt Ion: 76 Resp: 85745

Ion Ratio Lower Upper

76 100

78 9.9 7.4 11.2

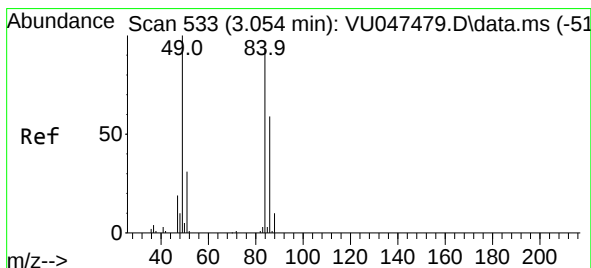
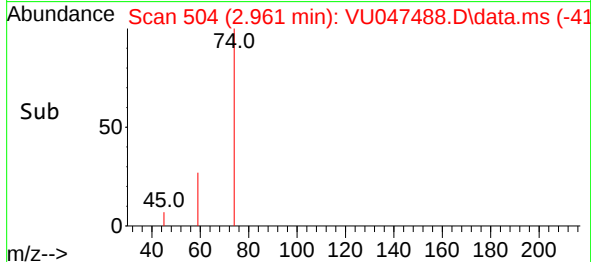
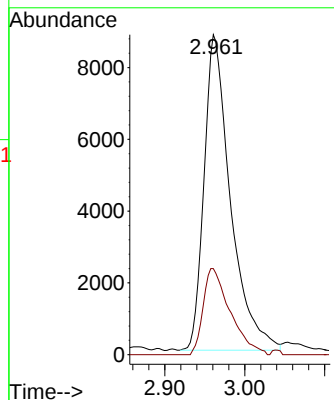
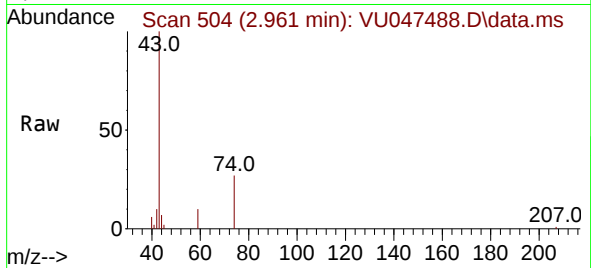




#15
Methyl Acetate
Concen: 10.273 ug/L
RT: 2.961 min Scan# 506
Delta R.T. -0.006 min
Lab File: VU047488.D
Acq: 11 Mar 2022 13:38

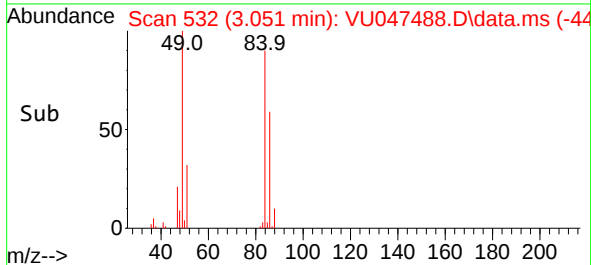
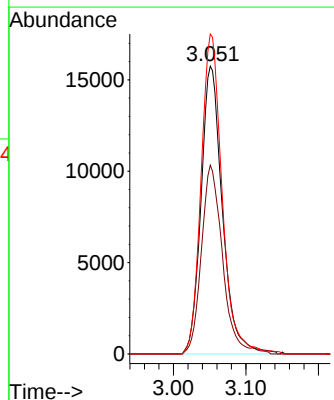
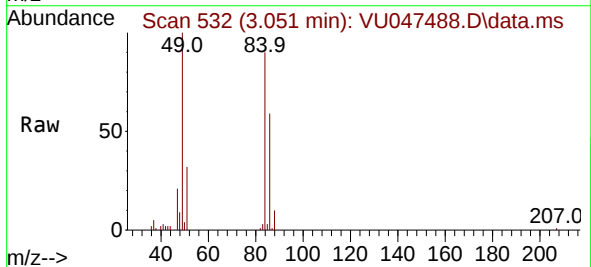
Instrument :
MSVOA_U
ClientSampleId :
H4685MSD

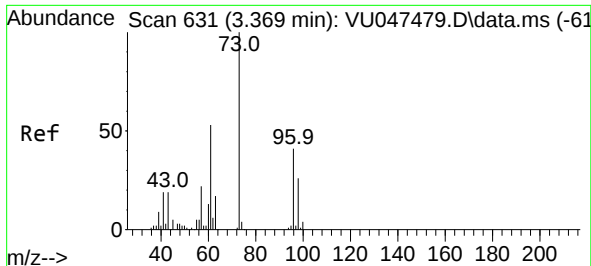
Tgt Ion: 43 Resp: 20191
Ion Ratio Lower Upper
43 100
74 27.8 20.2 30.2



#16
Methylene chloride
Concen: 5.494 ug/L
RT: 3.051 min Scan# 532
Delta R.T. -0.003 min
Lab File: VU047488.D
Acq: 11 Mar 2022 13:38

Tgt Ion: 84 Resp: 32279
Ion Ratio Lower Upper
84 100
86 65.6 45.9 85.3
49 111.2 76.4 141.8





#17

Methyl tert-butyl Ether

Concen: 7.198 ug/L

RT: 3.369 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU047488.D

Acq: 11 Mar 2022 13:38

Instrument :

MSVOA_U

ClientSampleId :

H4685MSD

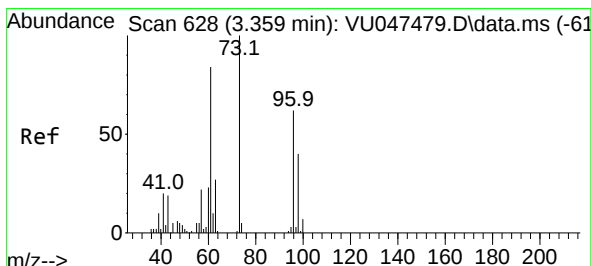
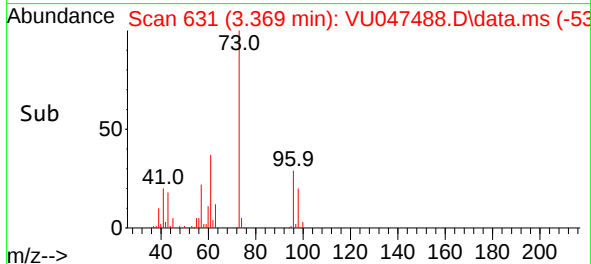
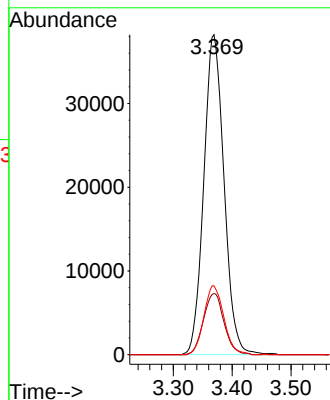
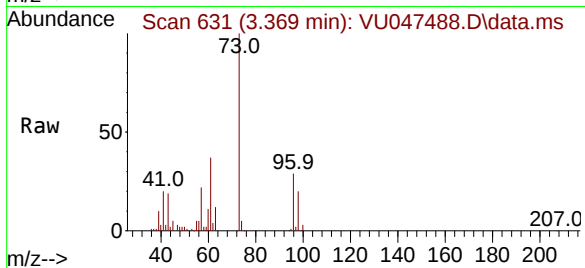
Tgt Ion: 73 Resp: 91361

Ion Ratio Lower Upper

73 100

43 19.4 14.6 22.0

57 21.2 16.5 24.7



#18

trans-1,2-Dichloroethene

Concen: 5.568 ug/L

RT: 3.359 min Scan# 628

Delta R.T. -0.000 min

Lab File: VU047488.D

Acq: 11 Mar 2022 13:38

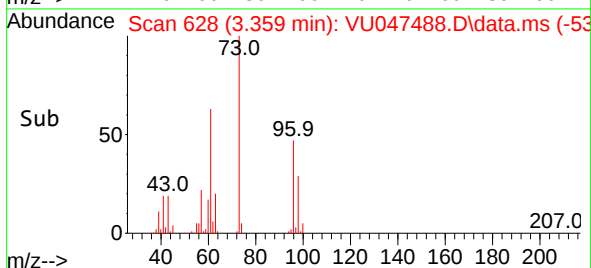
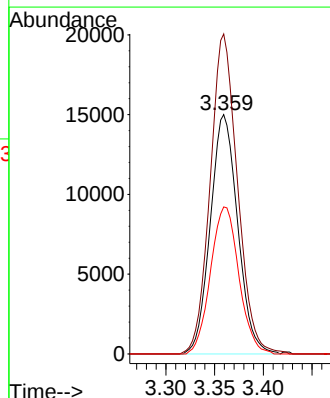
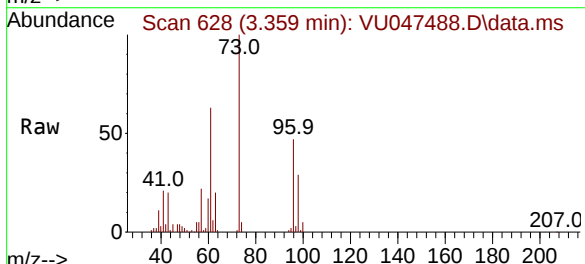
Tgt Ion: 96 Resp: 29339

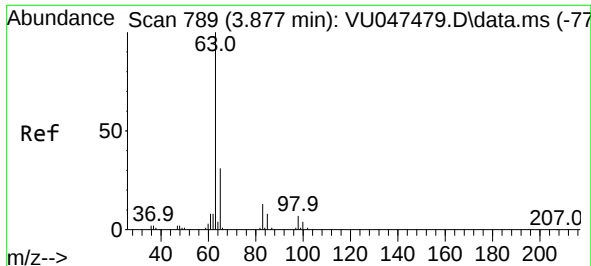
Ion Ratio Lower Upper

96 100

61 133.6 90.4 167.8

98 61.4 45.0 83.6





#19

1,1-Dichloroethane

Concen: 6.029 ug/L

RT: 3.874 min Scan# 71

Delta R.T. -0.003 min

Lab File: VU047488.D

Acq: 11 Mar 2022 13:38

Instrument :

MSVOA_U

ClientSampleId :

H4685MSD

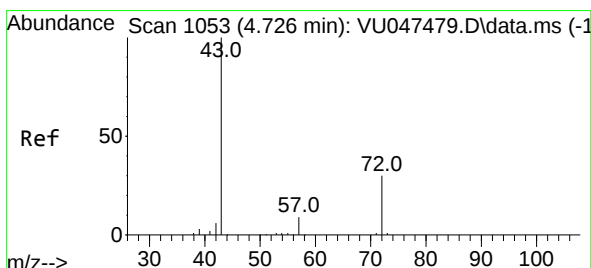
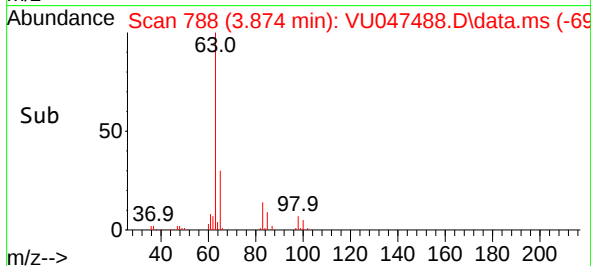
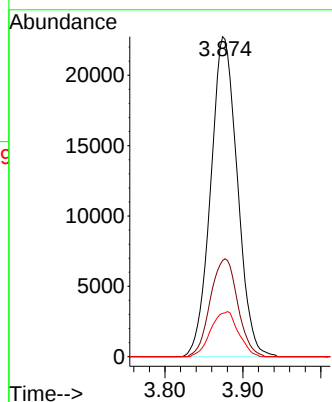
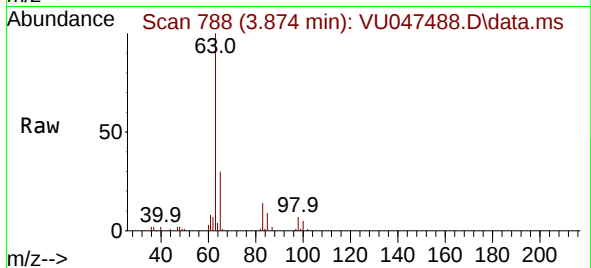
Tgt Ion: 63 Resp: 54040

Ion Ratio Lower Upper

63 100

65 30.1 22.8 42.4

83 13.5 9.9 18.3



#21

2-Butanone

Concen: 110.963 ug/L

RT: 4.719 min Scan# 1051

Delta R.T. -0.006 min

Lab File: VU047488.D

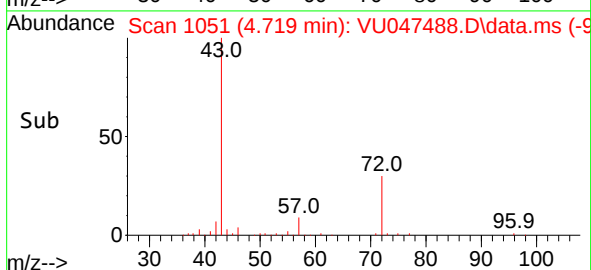
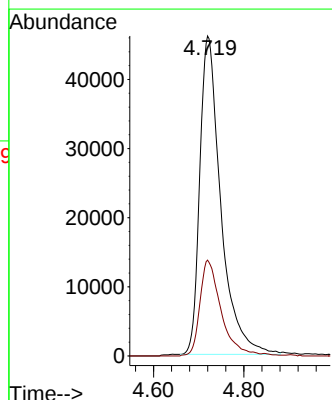
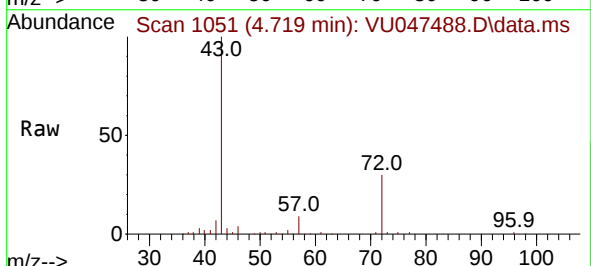
Acq: 11 Mar 2022 13:38

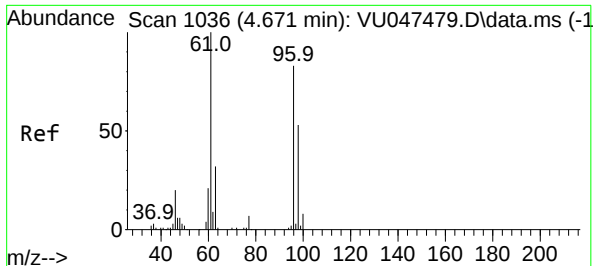
Tgt Ion: 43 Resp: 148625

Ion Ratio Lower Upper

43 100

72 30.1 14.7 44.1



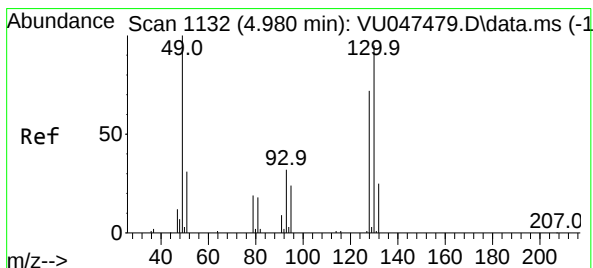
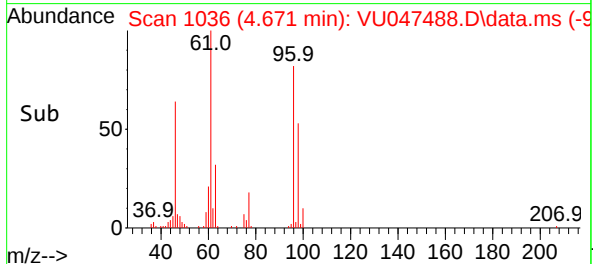
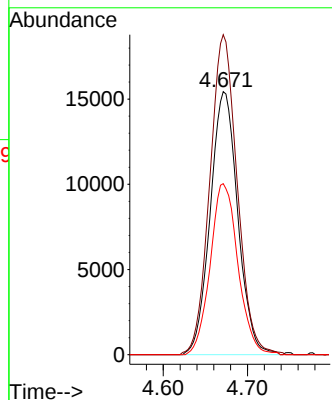
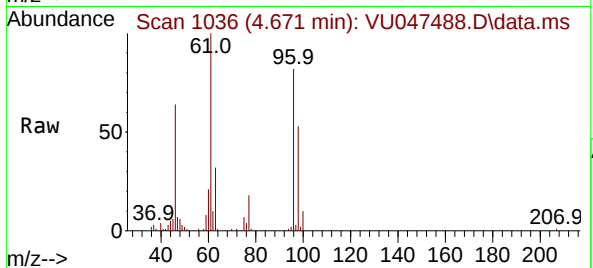


#22
 cis-1,2-Dichloroethene
 Concen: 6.004 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. -0.000 min
 Lab File: VU047488.D
 Acq: 11 Mar 2022 13:38

Instrument :
 MSVOA_U
 ClientSampleId :
 H4685MSD

Tgt Ion: 96 Resp: 35058

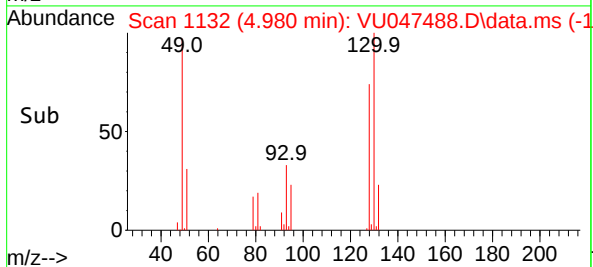
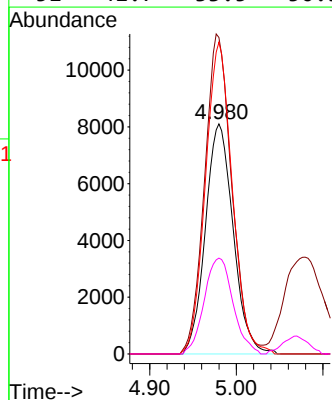
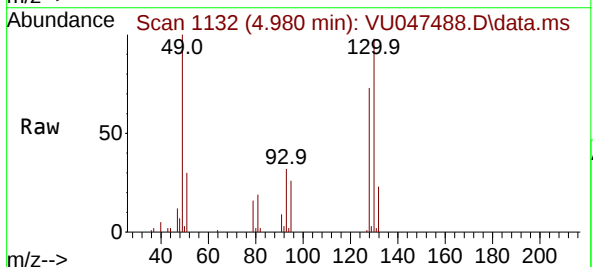
Ion	Ratio	Lower	Upper
96	100		
61	121.6	80.8	150.0
98	65.0	44.7	83.1

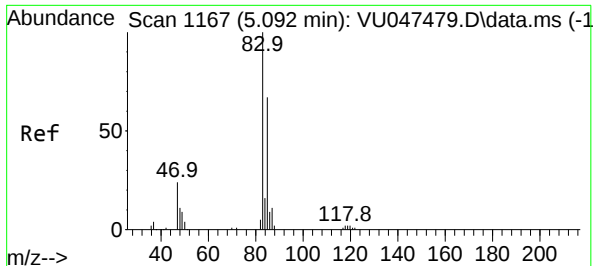


#23
 Bromochloromethane
 Concen: 6.472 ug/L
 RT: 4.980 min Scan# 1132
 Delta R.T. -0.000 min
 Lab File: VU047488.D
 Acq: 11 Mar 2022 13:38

Tgt Ion: 128 Resp: 18056

Ion	Ratio	Lower	Upper
128	100		
49	137.6	91.6	170.2
130	135.5	89.6	166.4
51	41.7	33.5	50.3





#25

Chloroform

Concen: 6.158 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. -0.000 min

Lab File: VU047488.D

Acq: 11 Mar 2022 13:38

Instrument :

MSVOA_U

ClientSampleId :

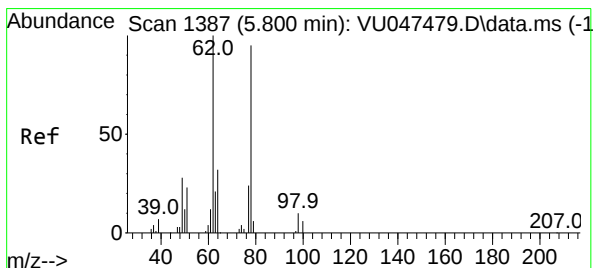
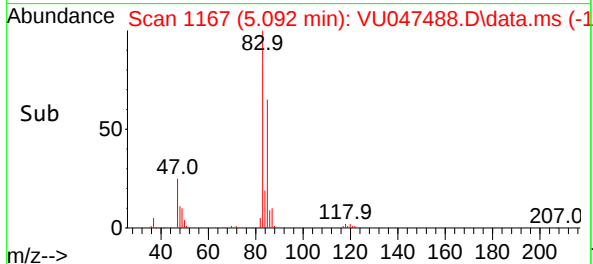
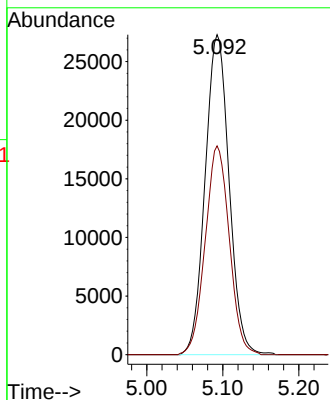
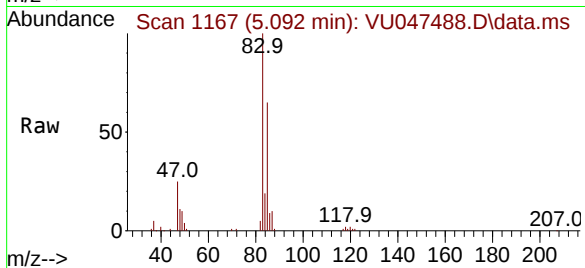
H4685MSD

Tgt Ion: 83 Resp: 59760

Ion Ratio Lower Upper

83 100

85 65.2 46.2 85.8



#27

1,2-Dichloroethane

Concen: 6.915 ug/L

RT: 5.797 min Scan# 1386

Delta R.T. -0.003 min

Lab File: VU047488.D

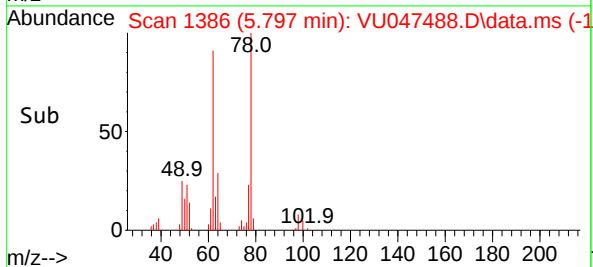
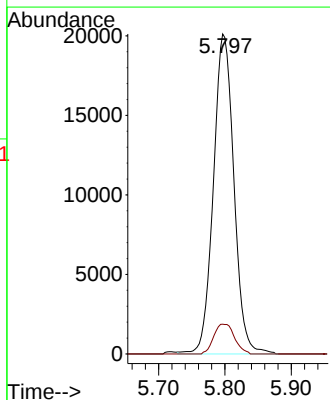
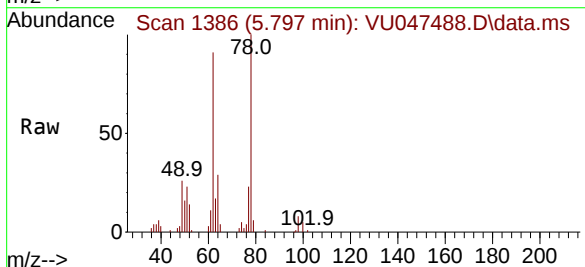
Acq: 11 Mar 2022 13:38

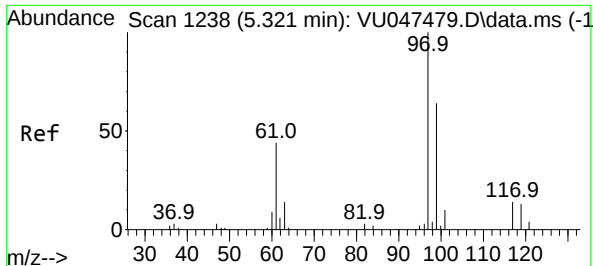
Tgt Ion: 62 Resp: 43202

Ion Ratio Lower Upper

62 100

98 9.3 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 5.795 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VU047488.D

Acq: 11 Mar 2022 13:38

Instrument :

MSVOA_U

ClientSampleId :

H4685MSD

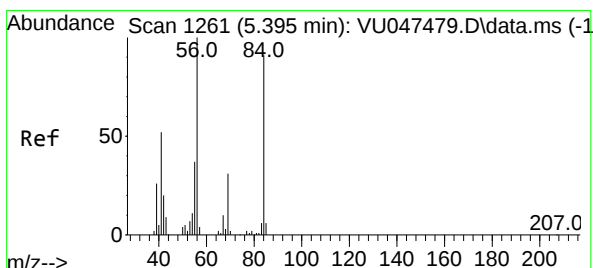
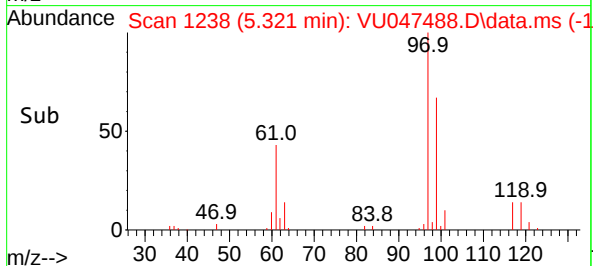
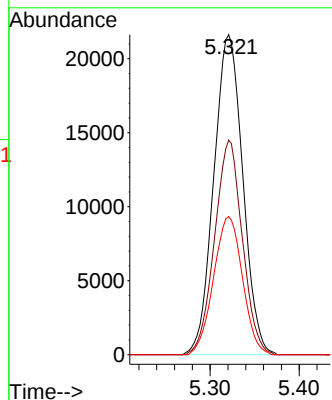
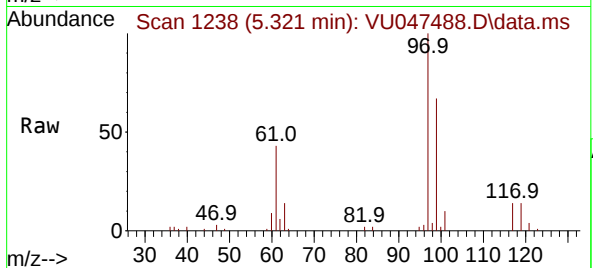
Tgt Ion: 97 Resp: 48878

Ion Ratio Lower Upper

97 100

99 64.2 52.1 78.1

61 43.1 33.8 50.6



#30

Cyclohexane

Concen: 5.496 ug/L

RT: 5.395 min Scan# 1261

Delta R.T. -0.000 min

Lab File: VU047488.D

Acq: 11 Mar 2022 13:38

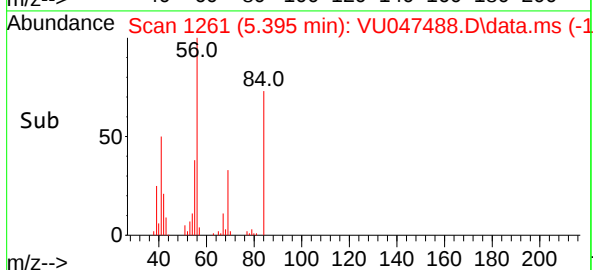
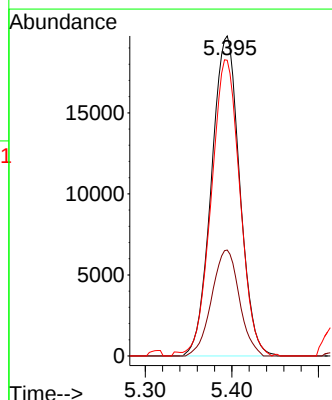
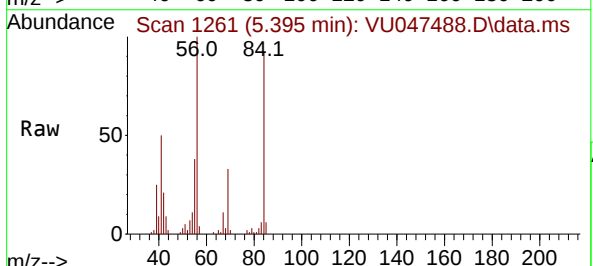
Tgt Ion: 56 Resp: 44660

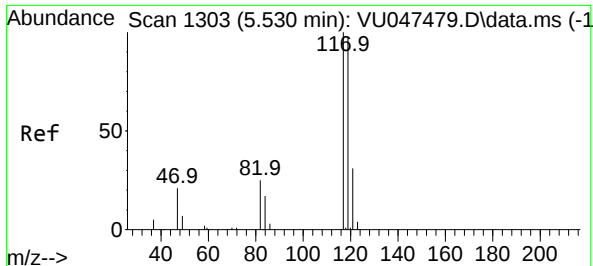
Ion Ratio Lower Upper

56 100

69 32.4 26.0 39.0

84 93.7 76.3 114.5

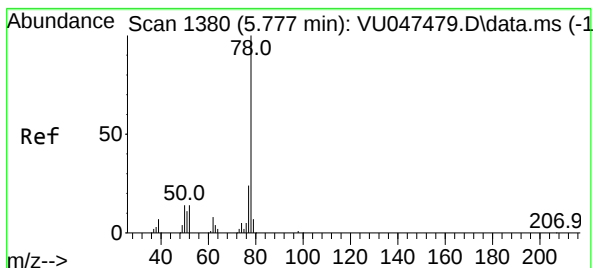
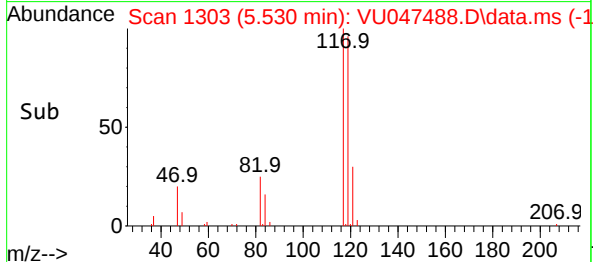
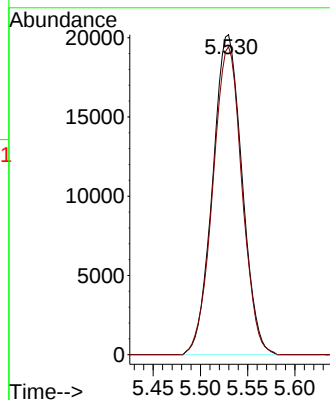
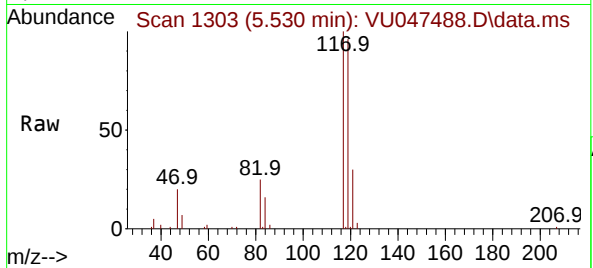




#31
Carbon tetrachloride
Concen: 5.895 ug/L
RT: 5.530 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU047488.D
Acq: 11 Mar 2022 13:38

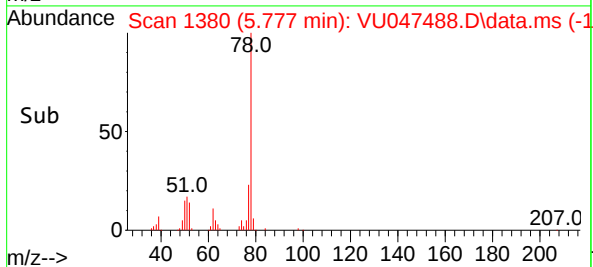
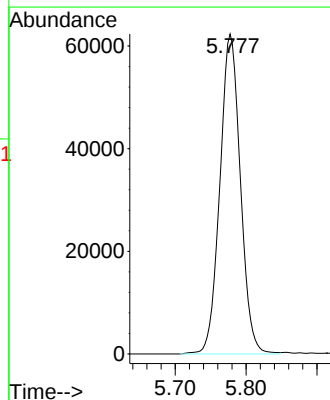
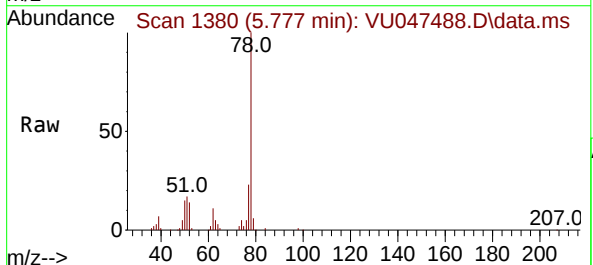
Instrument :
MSVOA_U
ClientSampleId :
H4685MSD

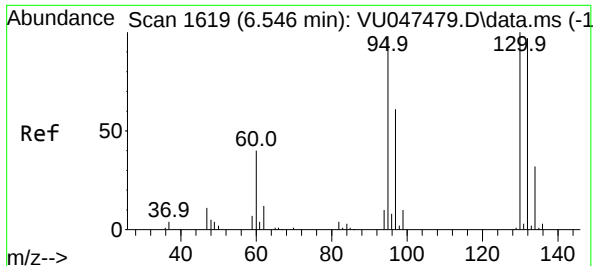
Tgt Ion:117 Resp: 43668
Ion Ratio Lower Upper
117 100
119 95.6 75.8 113.8



#33
Benzene
Concen: 5.691 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.000 min
Lab File: VU047488.D
Acq: 11 Mar 2022 13:38

Tgt Ion: 78 Resp: 125462

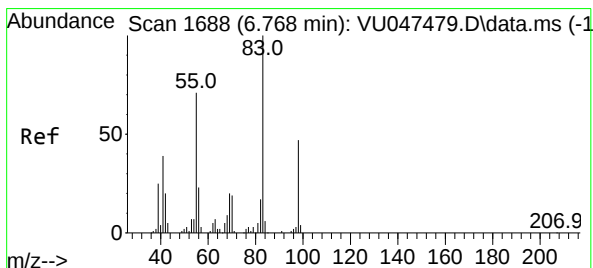
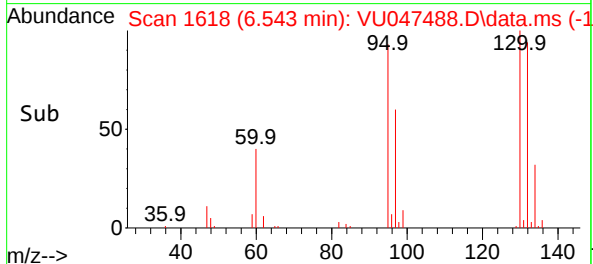
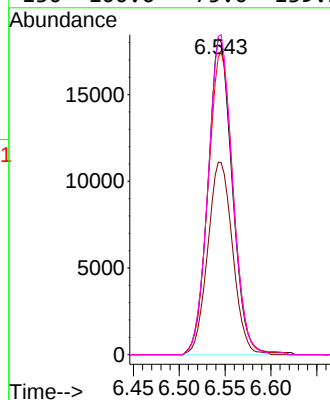
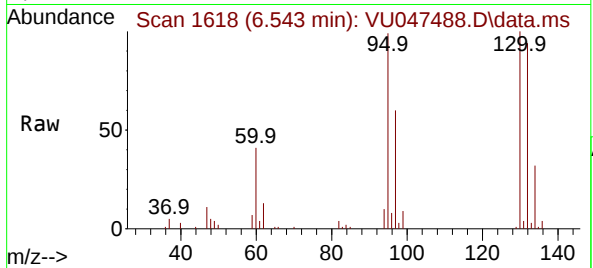




#34
Trichloroethene
Concen: 5.695 ug/L
RT: 6.543 min Scan# 1618
Delta R.T. -0.003 min
Lab File: VU047488.D
Acq: 11 Mar 2022 13:38

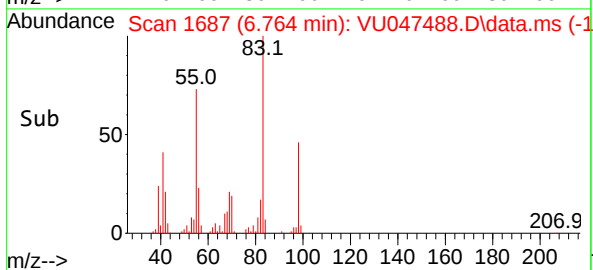
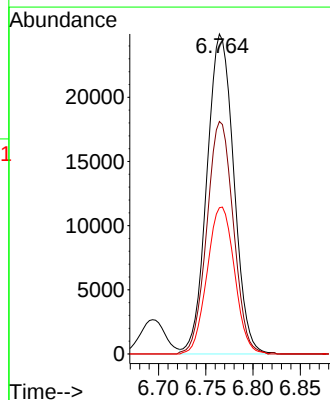
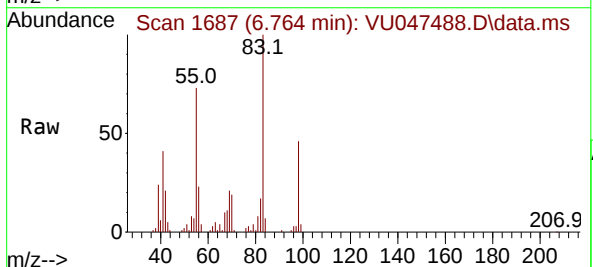
Instrument :
MSVOA_U
ClientSampleId :
H4685MSD

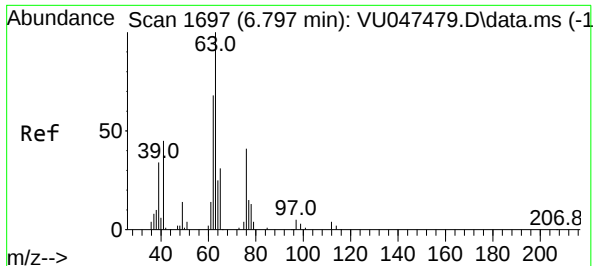
Tgt Ion: 95 Resp: 33564
Ion Ratio Lower Upper
95 100
97 60.8 46.3 85.9
132 94.1 71.7 133.1
130 100.6 75.0 139.2



#35
Methylcyclohexane
Concen: 5.310 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. -0.003 min
Lab File: VU047488.D
Acq: 11 Mar 2022 13:38

Tgt Ion: 83 Resp: 49368
Ion Ratio Lower Upper
83 100
55 71.7 57.8 86.8
98 46.7 38.0 57.0





#37

1,2-Dichloropropane

Concen: 5.892 ug/L

RT: 6.793 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU047488.D

Acq: 11 Mar 2022 13:38

Instrument :

MSVOA_U

ClientSampleId :

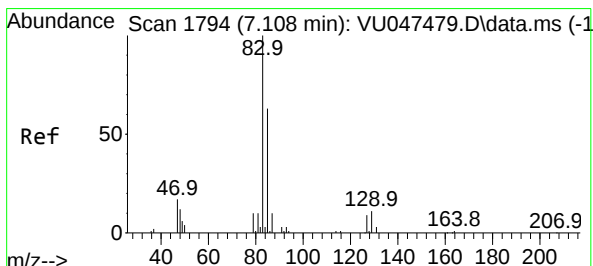
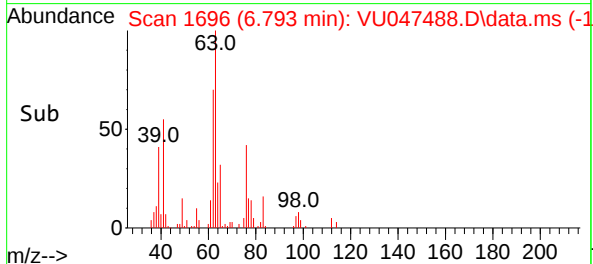
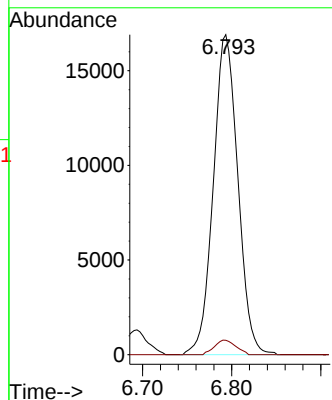
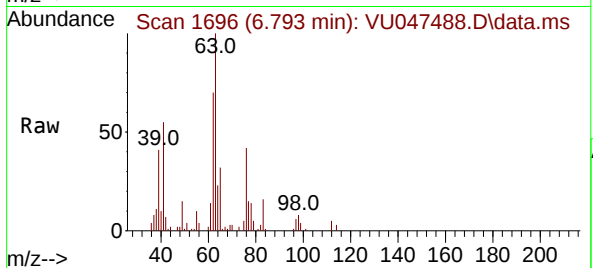
H4685MSD

Tgt Ion: 63 Resp: 32353

Ion Ratio Lower Upper

63 100

112 4.0 3.3 4.9



#38

Bromodichloromethane

Concen: 6.039 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VU047488.D

Acq: 11 Mar 2022 13:38

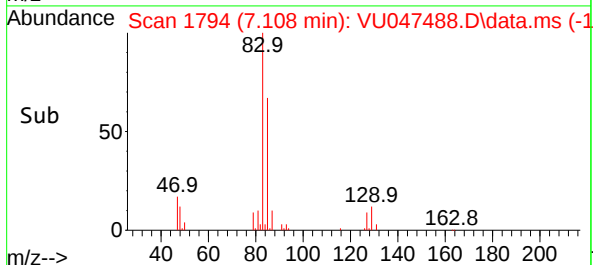
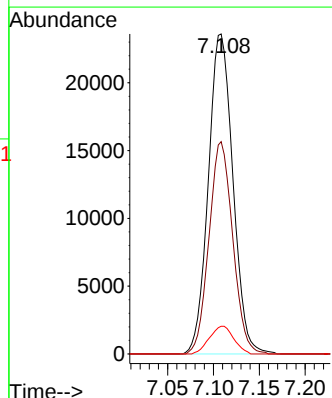
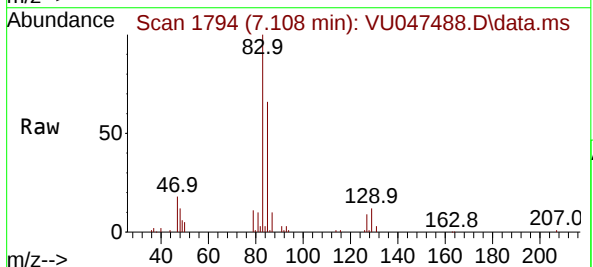
Tgt Ion: 83 Resp: 44019

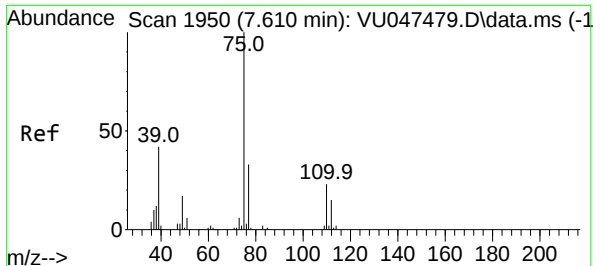
Ion Ratio Lower Upper

83 100

85 66.4 45.0 83.6

127 8.7 7.4 11.0





#39

cis-1,3-Dichloropropene

Concen: 5.803 ug/L

RT: 7.607 min Scan# 1950

Delta R.T. -0.003 min

Lab File: VU047488.D

Acq: 11 Mar 2022 13:38

Instrument :

MSVOA_U

ClientSampleId :

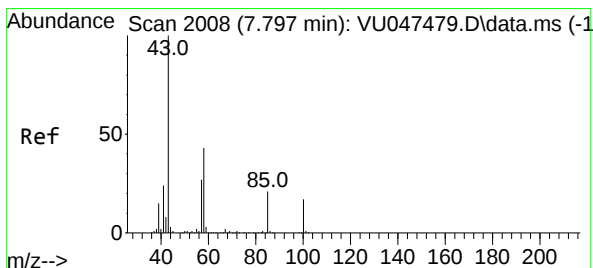
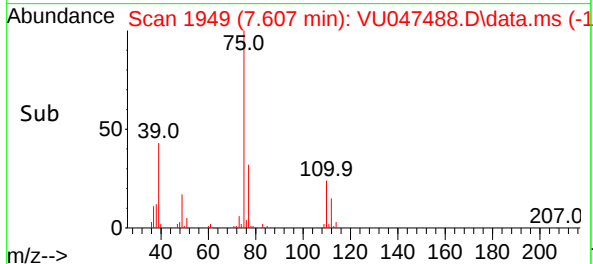
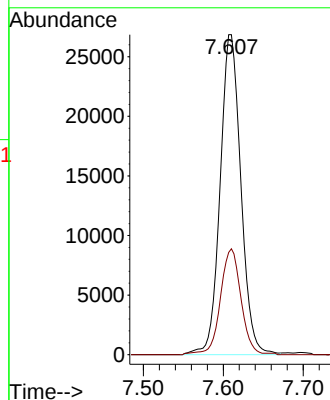
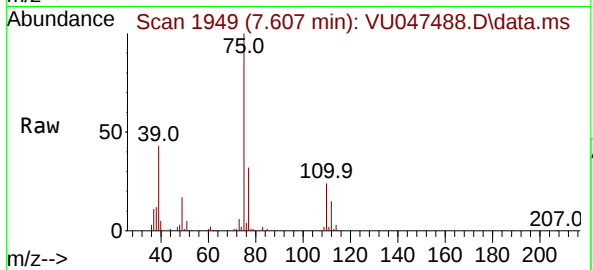
H4685MSD

Tgt Ion: 75 Resp: 48302

Ion Ratio Lower Upper

75 100

77 32.0 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 88.043 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. -0.003 min

Lab File: VU047488.D

Acq: 11 Mar 2022 13:38

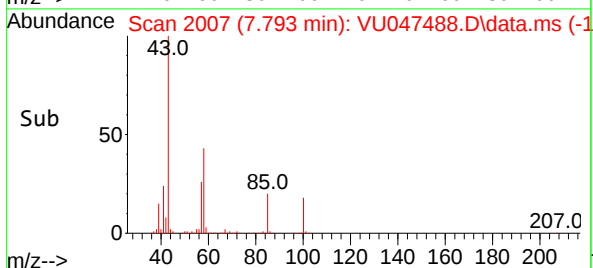
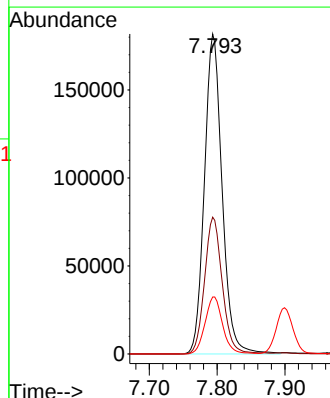
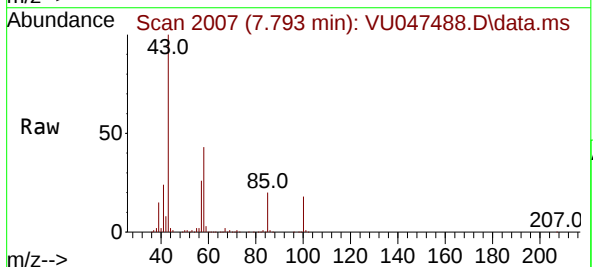
Tgt Ion: 43 Resp: 329543

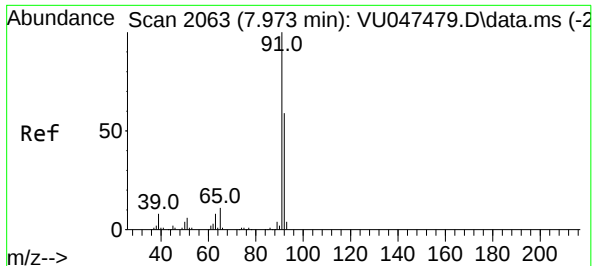
Ion Ratio Lower Upper

43 100

58 42.8 34.8 52.2

100 17.8 14.2 21.4





#42

Toluene

Concen: 5.777 ug/L

RT: 7.970 min Scan# 2063

Delta R.T. -0.003 min

Lab File: VU047488.D

Acq: 11 Mar 2022 13:38

Instrument :

MSVOA_U

ClientSampleId :

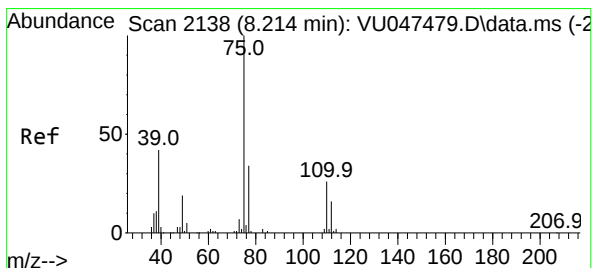
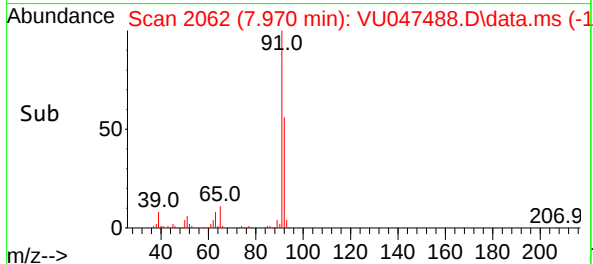
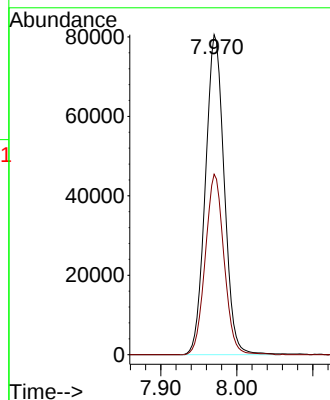
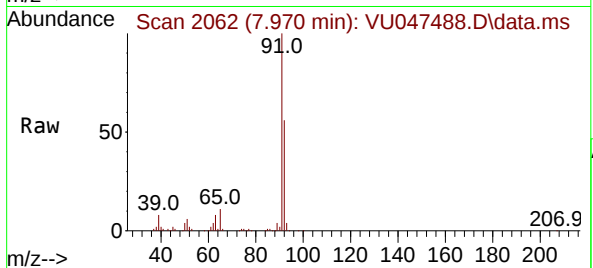
H4685MSD

Tgt Ion: 91 Resp: 138365

Ion Ratio Lower Upper

91 100

92 56.4 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 6.166 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.003 min

Lab File: VU047488.D

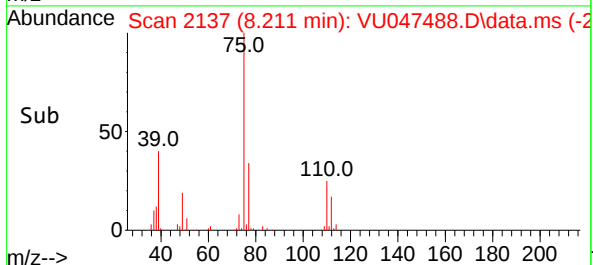
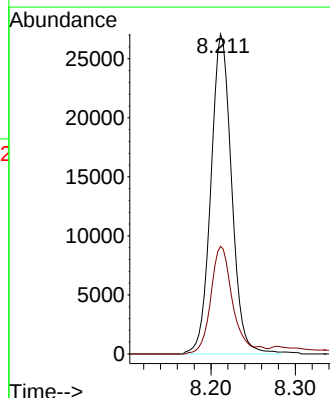
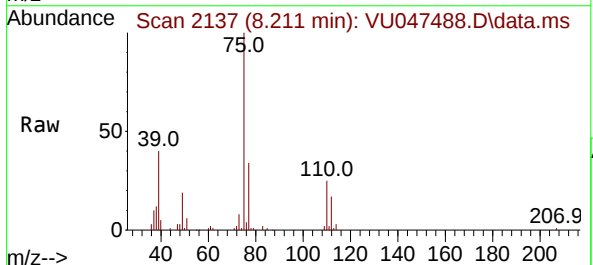
Acq: 11 Mar 2022 13:38

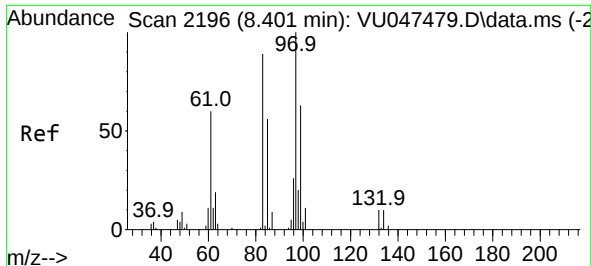
Tgt Ion: 75 Resp: 46295

Ion Ratio Lower Upper

75 100

77 33.6 23.6 43.8





#45

1,1,2-Trichloroethane

Concen: 6.946 ug/L

RT: 8.401 min Scan# 2196

Delta R.T. -0.000 min

Lab File: VU047488.D

Acq: 11 Mar 2022 13:38

Instrument :

MSVOA_U

ClientSampleId :

H4685MSD

Tgt Ion: 97 Resp: 31257

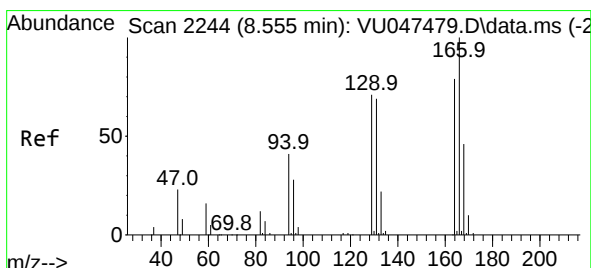
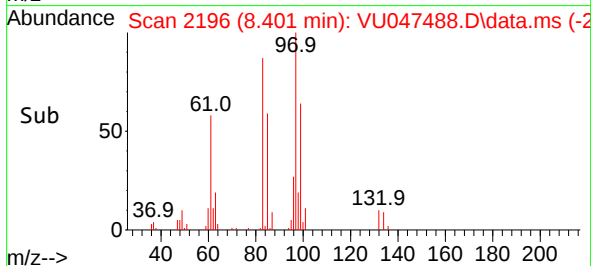
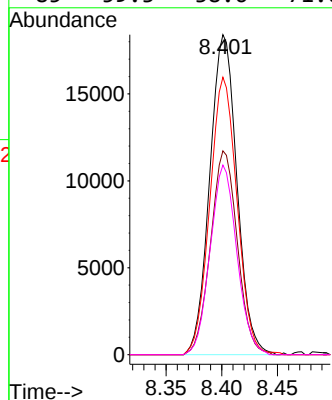
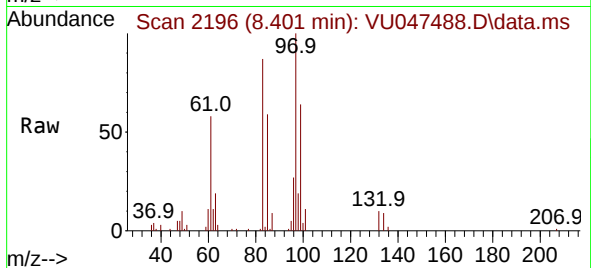
Ion Ratio Lower Upper

97 100

99 63.7 43.3 80.5

83 86.7 59.1 109.9

85 59.3 38.6 71.6



#47

Tetrachloroethene

Concen: 5.558 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. -0.003 min

Lab File: VU047488.D

Acq: 11 Mar 2022 13:38

Tgt Ion: 164 Resp: 27789

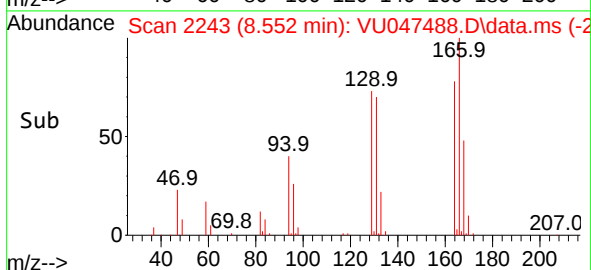
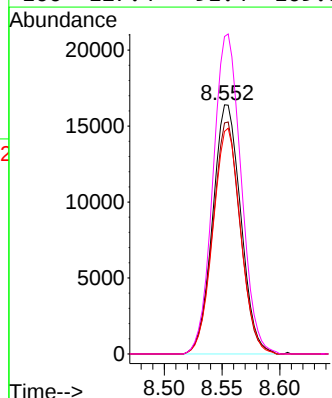
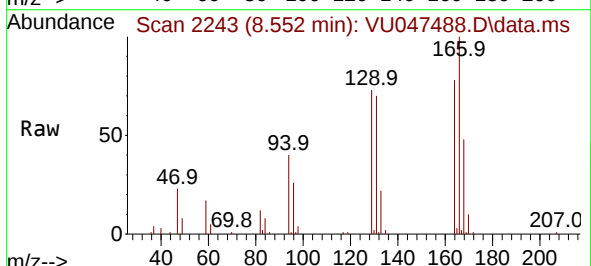
Ion Ratio Lower Upper

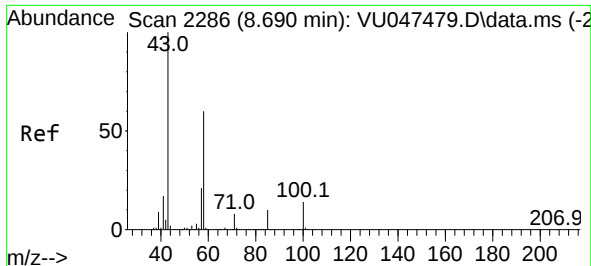
164 100

129 92.7 64.9 120.5

131 89.3 63.6 118.2

166 127.4 91.4 169.8



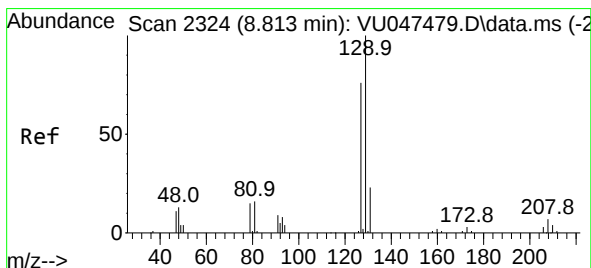
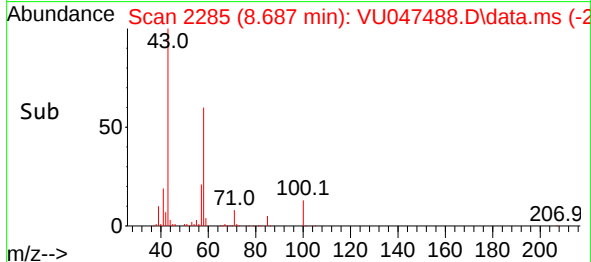
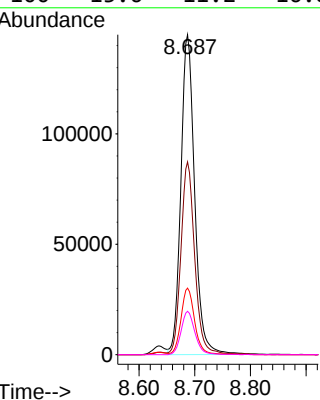
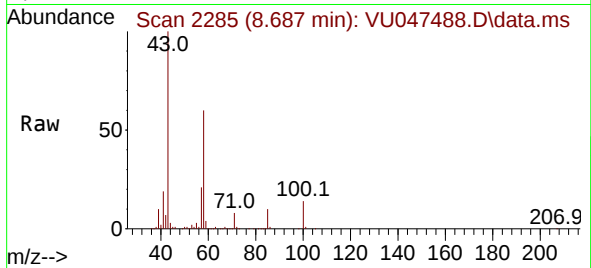


#48
2-Hexanone
Concen: 91.840 ug/L
RT: 8.687 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU047488.D
Acq: 11 Mar 2022 13:38

Instrument :
MSVOA_U
ClientSampleId :
H4685MSD

Tgt Ion: 43 Resp: 249395

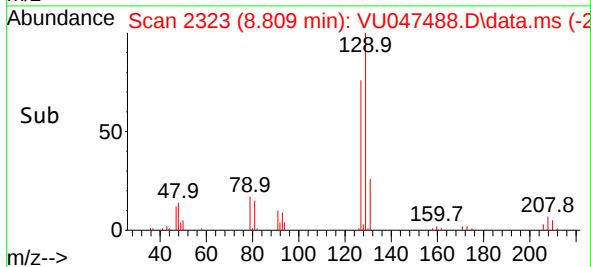
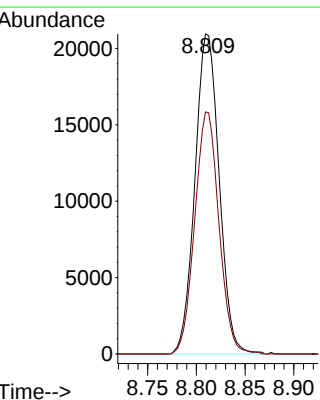
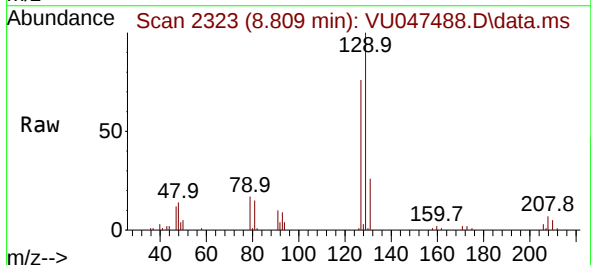
Ion	Ratio	Lower	Upper
43	100		
58	59.2	47.7	71.5
57	20.2	16.6	25.0
100	13.6	11.2	16.8

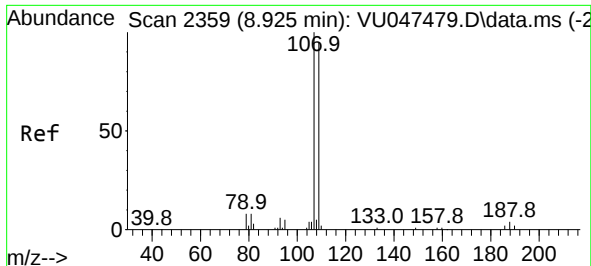


#49
Dibromochloromethane
Concen: 6.628 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VU047488.D
Acq: 11 Mar 2022 13:38

Tgt Ion: 129 Resp: 36233

Ion	Ratio	Lower	Upper
129	100		
127	75.6	52.6	97.8





#50

1,2-Dibromoethane

Concen: 7.327 ug/L

RT: 8.925 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU047488.D

Acq: 11 Mar 2022 13:38

Instrument :

MSVOA_U

ClientSampleId :

H4685MSD

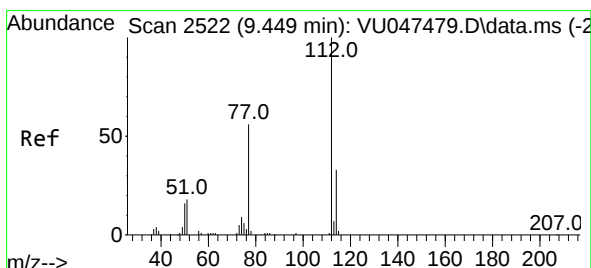
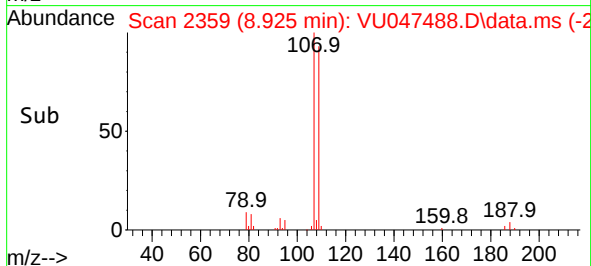
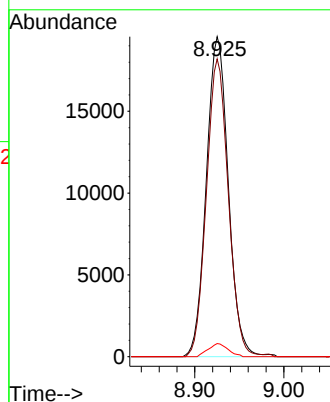
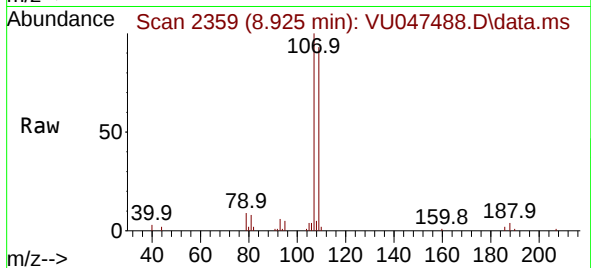
Tgt Ion:107 Resp: 33548

Ion Ratio Lower Upper

107 100

109 93.0 65.8 122.2

188 4.1 3.3 4.9



#51

Chlorobenzene

Concen: 5.664 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. -0.000 min

Lab File: VU047488.D

Acq: 11 Mar 2022 13:38

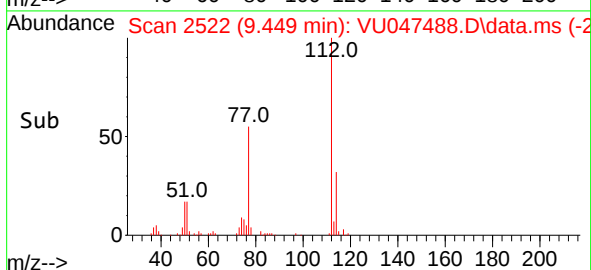
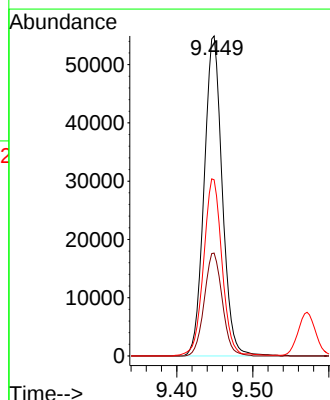
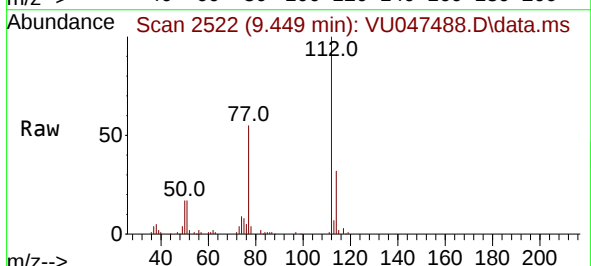
Tgt Ion:112 Resp: 90750

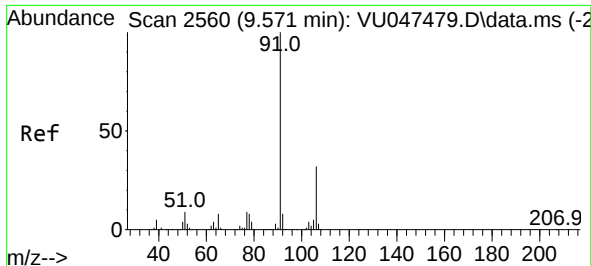
Ion Ratio Lower Upper

112 100

114 32.1 22.8 42.4

77 55.1 45.0 67.6

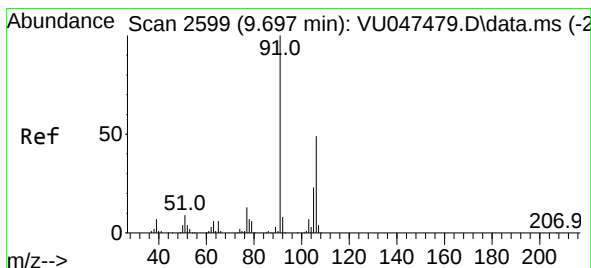
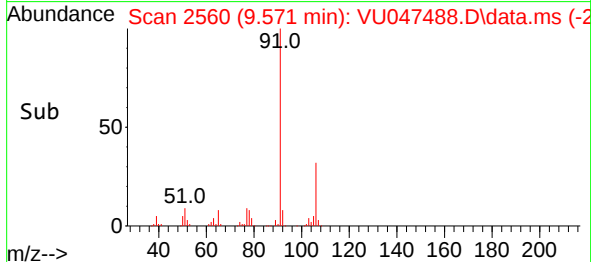
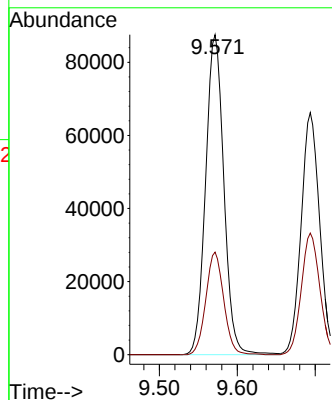
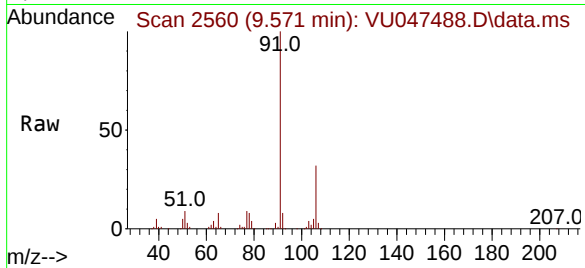




#52
Ethylbenzene
Concen: 5.483 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU047488.D
Acq: 11 Mar 2022 13:38

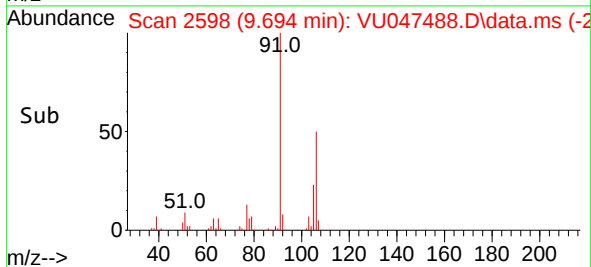
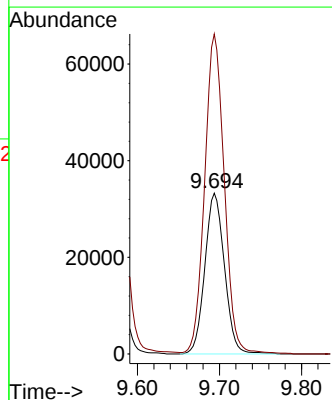
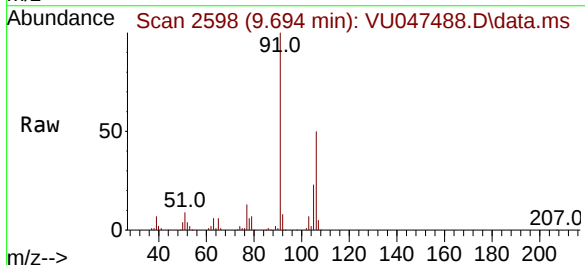
Instrument :
MSVOA_U
ClientSampleId :
H4685MSD

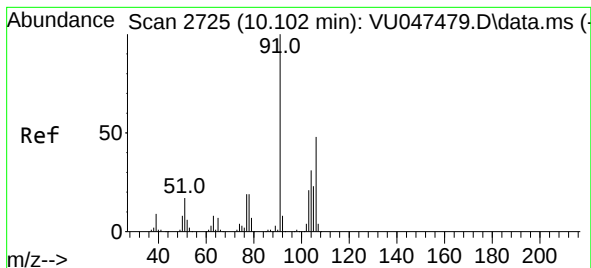
Tgt Ion: 91 Resp: 142231
Ion Ratio Lower Upper
91 100
106 32.1 22.4 41.6



#53
m,p-Xylene
Concen: 5.433 ug/L
RT: 9.694 min Scan# 2598
Delta R.T. -0.003 min
Lab File: VU047488.D
Acq: 11 Mar 2022 13:38

Tgt Ion: 106 Resp: 55285
Ion Ratio Lower Upper
106 100
91 199.0 138.8 257.8





#54

o-Xylene

Concen: 5.555 ug/L

RT: 10.102 min Scan# 2725

Delta R.T. -0.000 min

Lab File: VU047488.D

Acq: 11 Mar 2022 13:38

Instrument :

MSVOA_U

ClientSampleId :

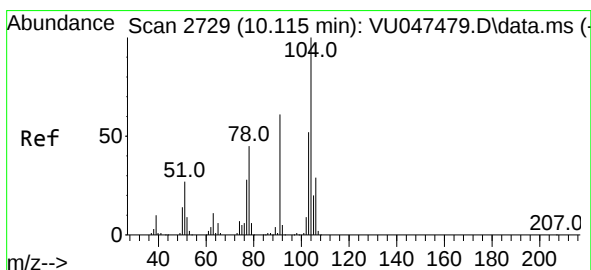
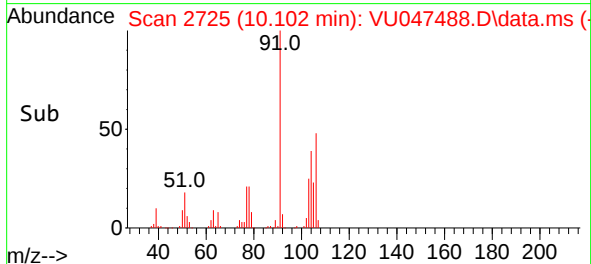
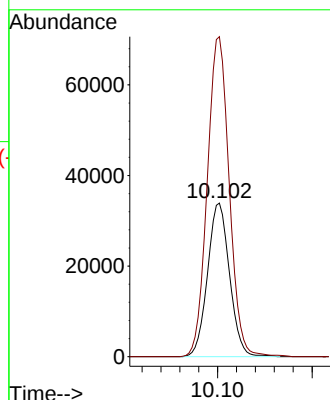
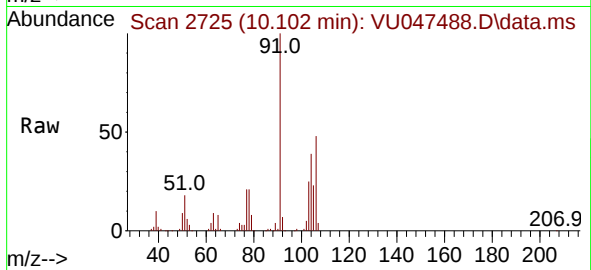
H4685MSD

Tgt Ion:106 Resp: 54763

Ion Ratio Lower Upper

106 100

91 208.4 149.2 277.0



#55

Styrene

Concen: 5.596 ug/L

RT: 10.115 min Scan# 2729

Delta R.T. -0.000 min

Lab File: VU047488.D

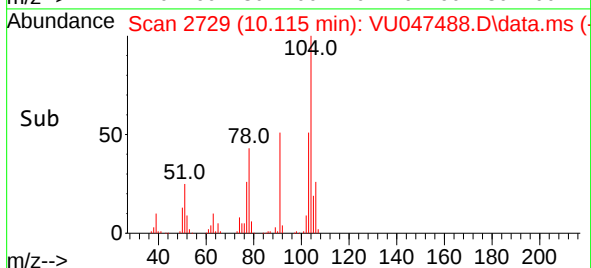
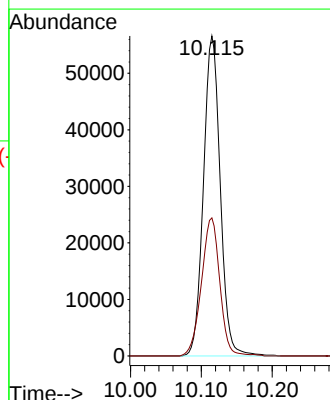
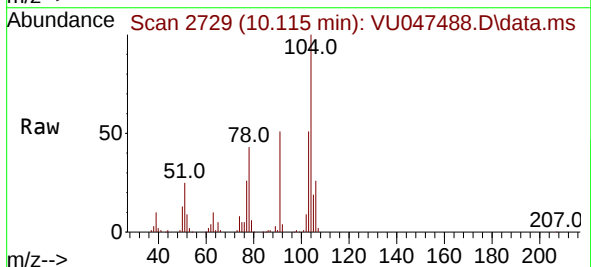
Acq: 11 Mar 2022 13:38

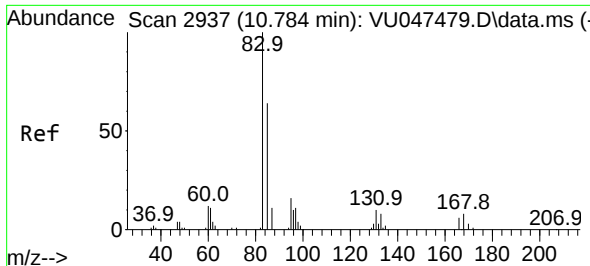
Tgt Ion:104 Resp: 93264

Ion Ratio Lower Upper

104 100

78 43.1 30.4 56.4

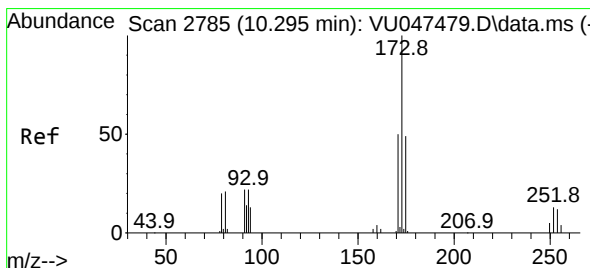
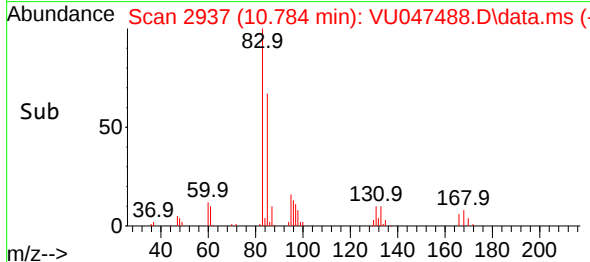
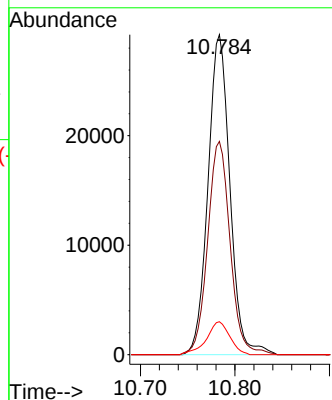
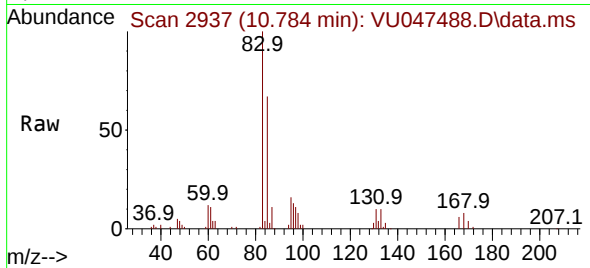




#57
 1,1,2-Tetrachloroethane
 Concen: 7.803 ug/L
 RT: 10.784 min Scan# 2937
 Delta R.T. -0.000 min
 Lab File: VU047488.D
 Acq: 11 Mar 2022 13:38

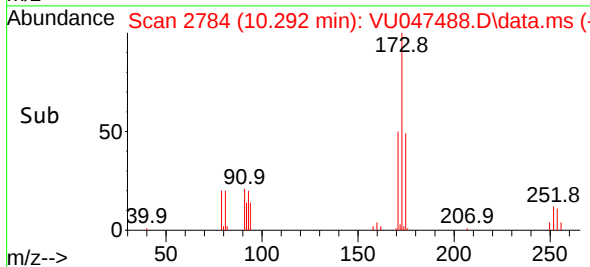
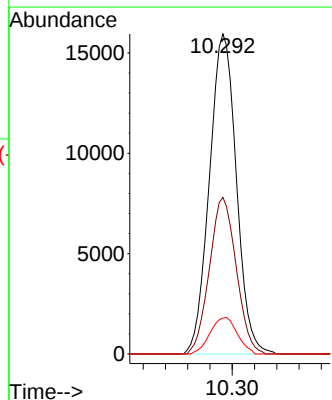
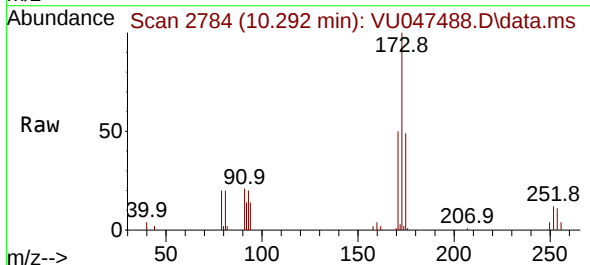
Instrument :
 MSVOA_U
 ClientSampleId :
 H4685MSD

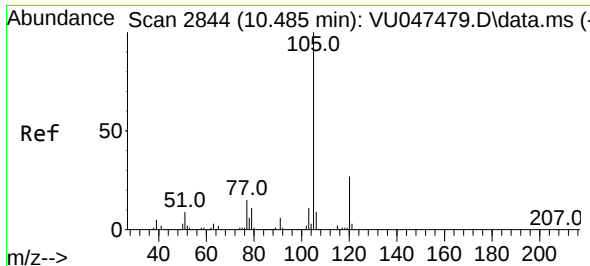
Tgt Ion:	83	Resp:	47002
Ion	Ratio	Lower	Upper
83	100		
85	66.7	46.0	85.4
131	10.3	8.2	12.4



#59
 Bromoform
 Concen: 7.770 ug/L
 RT: 10.292 min Scan# 2784
 Delta R.T. -0.003 min
 Lab File: VU047488.D
 Acq: 11 Mar 2022 13:38

Tgt Ion:	173	Resp:	26767
Ion	Ratio	Lower	Upper
173	100		
175	48.6	38.7	58.1
254	11.5	9.0	13.4

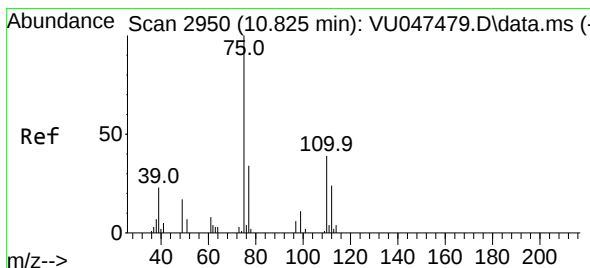
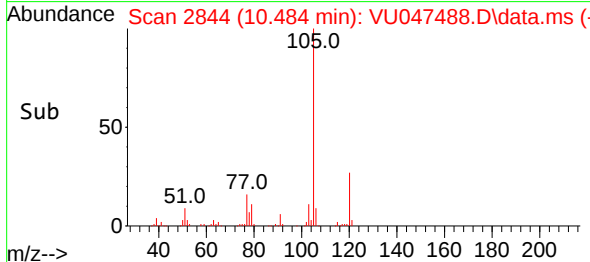
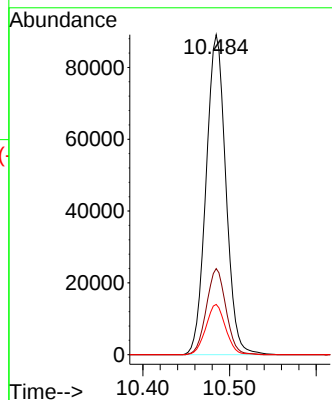
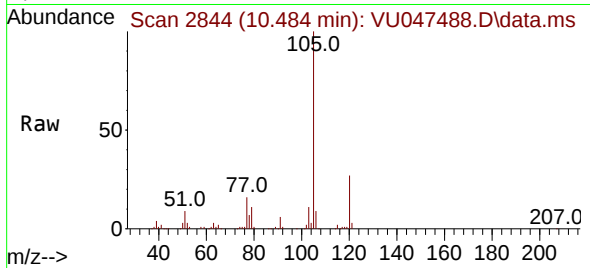




#60
Isopropylbenzene
Concen: 5.511 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU047488.D
Acq: 11 Mar 2022 13:38

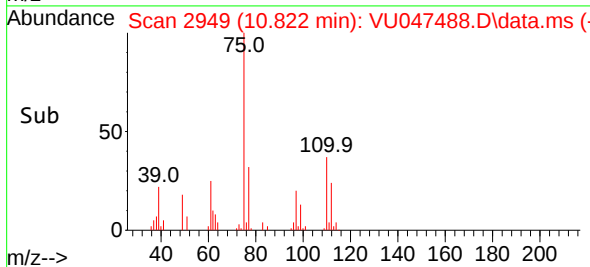
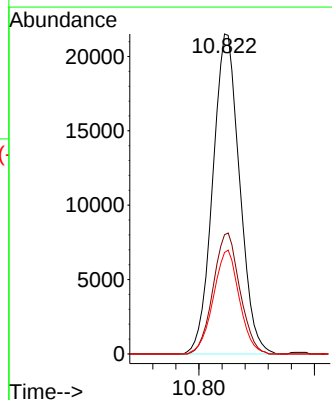
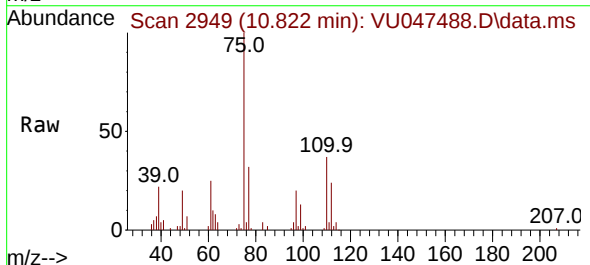
Instrument :
MSVOA_U
ClientSampleId :
H4685MSD

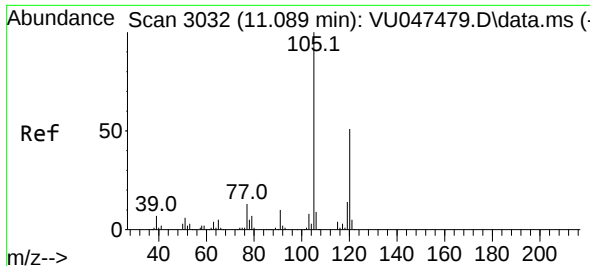
Tgt Ion:105 Resp: 141081
Ion Ratio Lower Upper
105 100
120 26.6 21.8 32.6
77 15.7 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 8.181 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. -0.003 min
Lab File: VU047488.D
Acq: 11 Mar 2022 13:38

Tgt Ion: 75 Resp: 34676
Ion Ratio Lower Upper
75 100
110 37.5 31.0 46.4
77 31.4 26.2 39.4

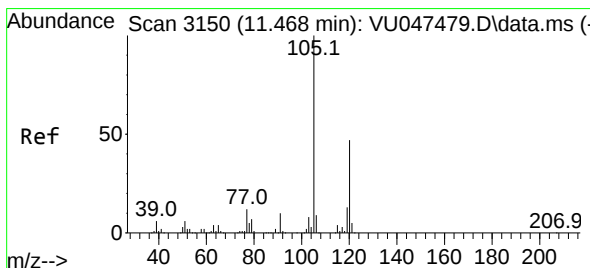
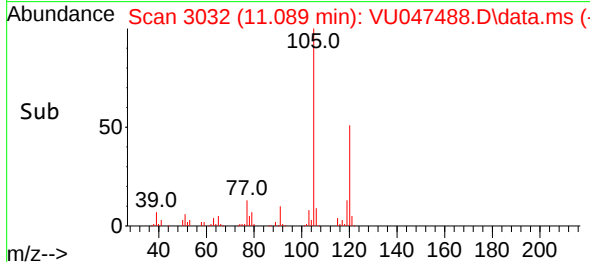
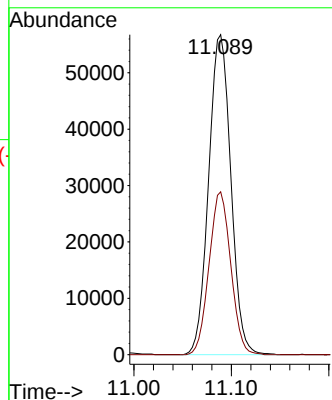
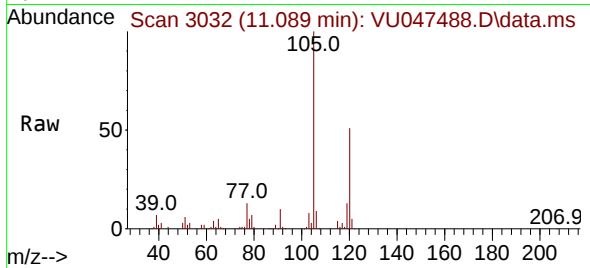




#62
1,3,5-Trimethylbenzene
Concen: 5.359 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. -0.000 min
Lab File: VU047488.D
Acq: 11 Mar 2022 13:38

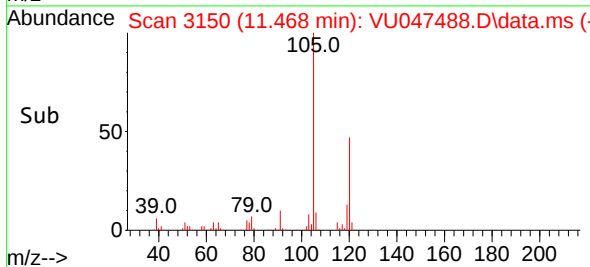
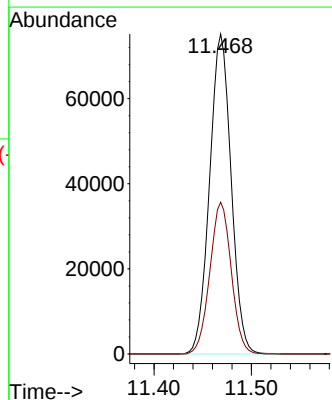
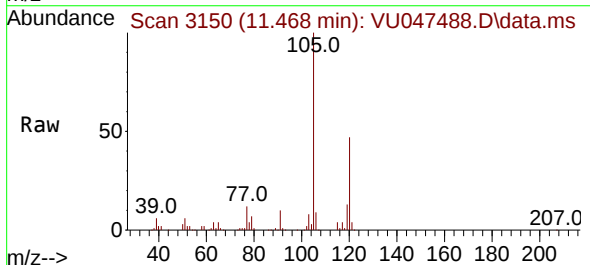
Instrument :
MSVOA_U
ClientSampleId :
H4685MSD

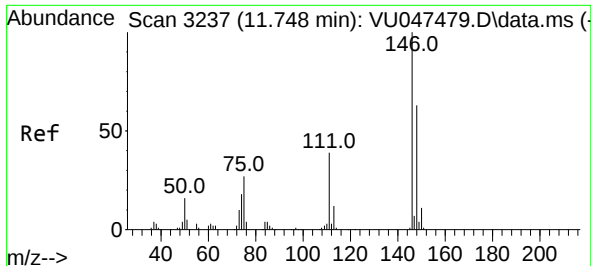
Tgt Ion:105 Resp: 89987
Ion Ratio Lower Upper
105 100
120 49.7 40.1 60.1



#63
1,2,4-Trimethylbenzene
Concen: 5.295 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VU047488.D
Acq: 11 Mar 2022 13:38

Tgt Ion:105 Resp: 115340
Ion Ratio Lower Upper
105 100
120 47.1 37.2 55.8

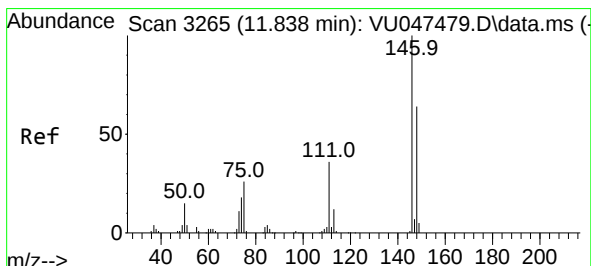
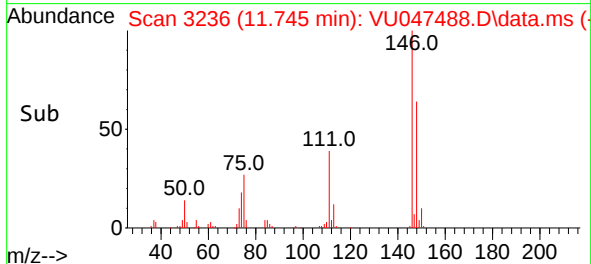
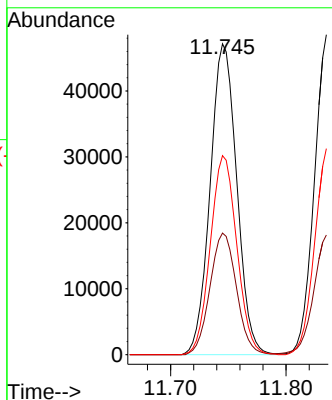
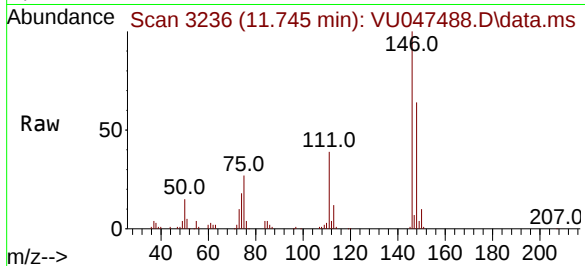




#64
1,3-Dichlorobenzene
Concen: 5.553 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU047488.D
Acq: 11 Mar 2022 13:38

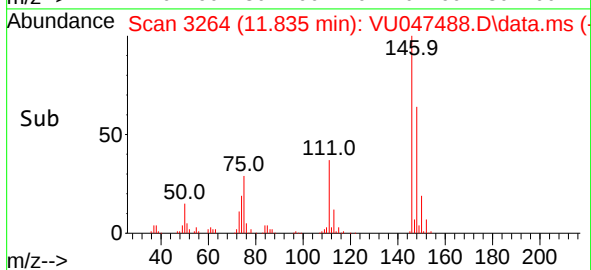
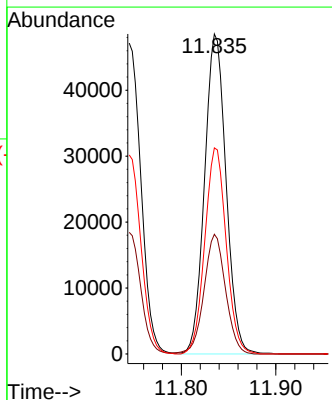
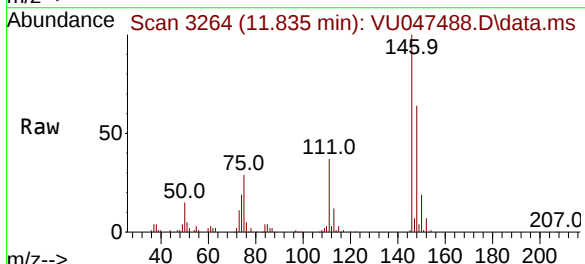
Instrument :
MSVOA_U
ClientSampleId :
H4685MSD

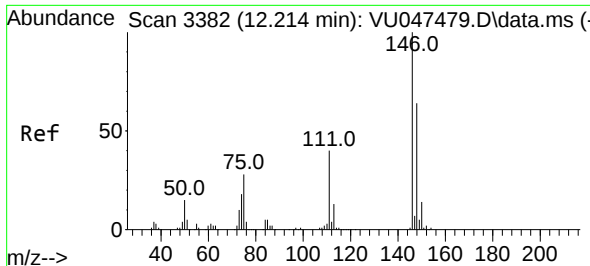
Tgt Ion:146 Resp: 75347
Ion Ratio Lower Upper
146 100
111 39.1 27.0 50.2
148 64.0 44.4 82.4



#65
1,4-Dichlorobenzene
Concen: 5.556 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.003 min
Lab File: VU047488.D
Acq: 11 Mar 2022 13:38

Tgt Ion:146 Resp: 76554
Ion Ratio Lower Upper
146 100
111 37.4 26.1 48.5
148 64.4 45.6 84.6





#67

1,2-Dichlorobenzene

Concen: 5.885 ug/L

RT: 12.211 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU047488.D

Acq: 11 Mar 2022 13:38

Instrument :

MSVOA_U

ClientSampleId :

H4685MSD

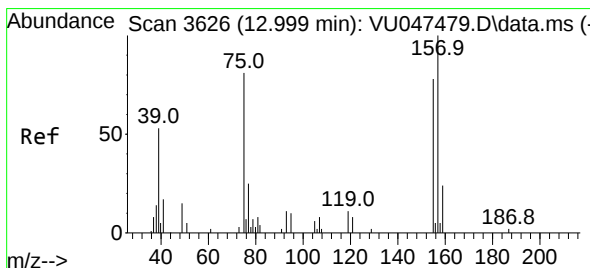
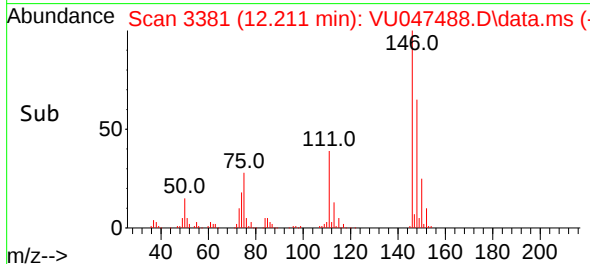
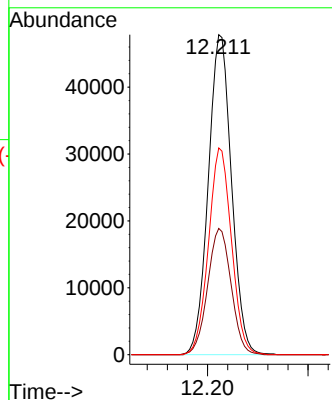
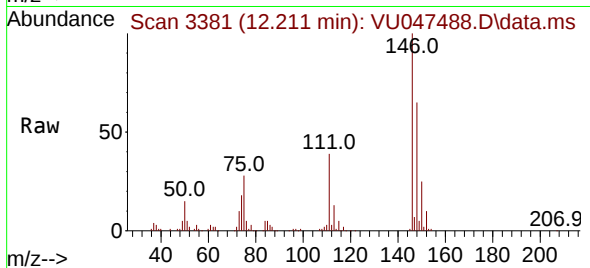
Tgt Ion:146 Resp: 76732

Ion Ratio Lower Upper

146 100

111 39.5 31.9 47.9

148 64.6 50.5 75.7



#68

1,2-Dibromo-3-chloropropane

Concen: 8.821 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. -0.003 min

Lab File: VU047488.D

Acq: 11 Mar 2022 13:38

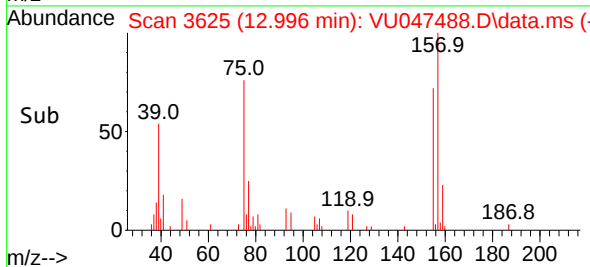
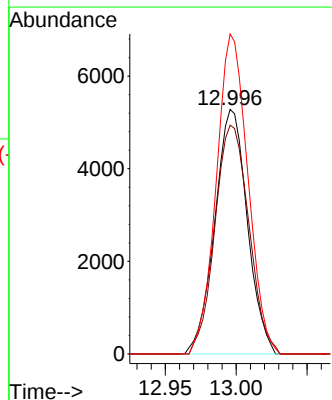
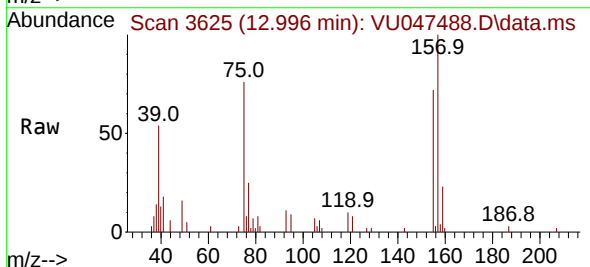
Tgt Ion: 75 Resp: 8429

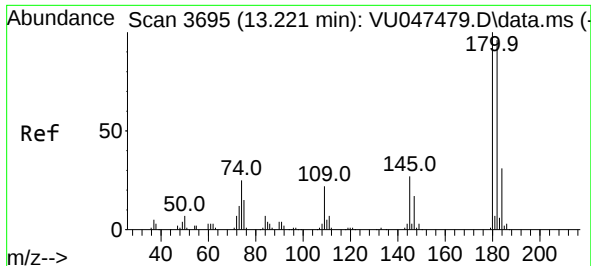
Ion Ratio Lower Upper

75 100

155 93.6 71.3 106.9

157 130.9 88.6 132.8





#69

1,3,5-Trichlorobenzene

Concen: 5.451 ug/L

RT: 13.217 min Scan# 3695

Delta R.T. -0.003 min

Lab File: VU047488.D

Acq: 11 Mar 2022 13:38

Instrument :

MSVOA_U

ClientSampleId :

H4685MSD

Tgt Ion:180 Resp: 60671

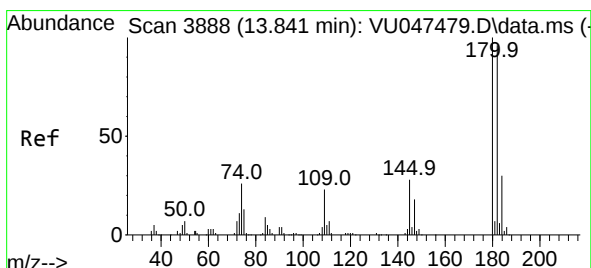
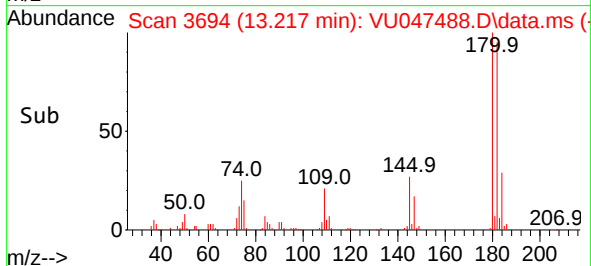
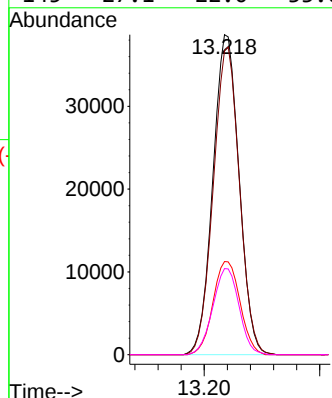
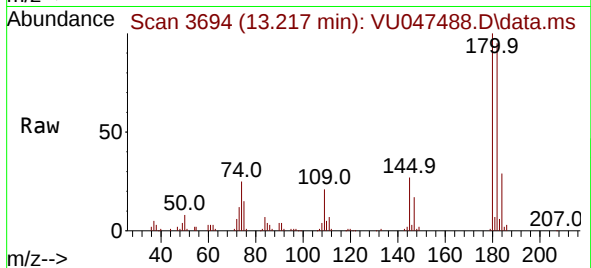
Ion Ratio Lower Upper

180 100

182 96.0 77.1 115.7

184 30.1 25.0 37.4

145 27.1 22.0 33.0



#70

1,2,4-trichlorobenzene

Concen: 5.405 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. -0.000 min

Lab File: VU047488.D

Acq: 11 Mar 2022 13:38

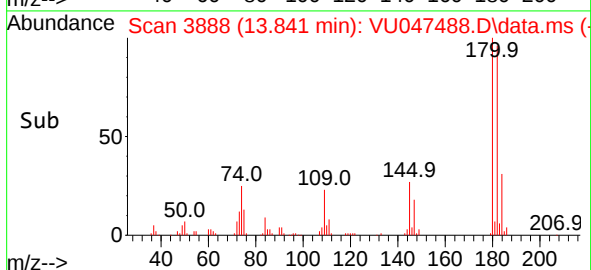
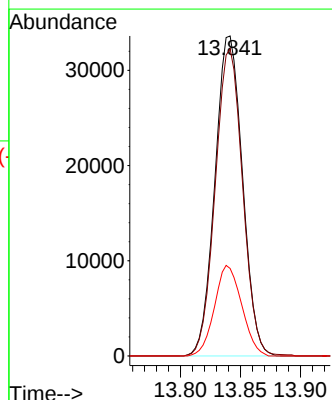
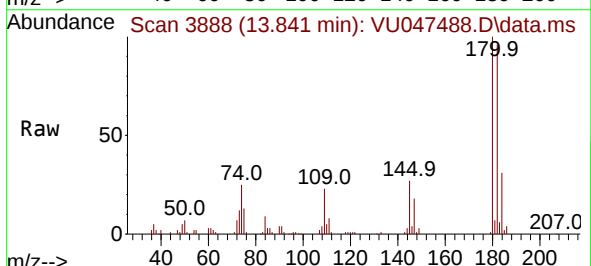
Tgt Ion:180 Resp: 53616

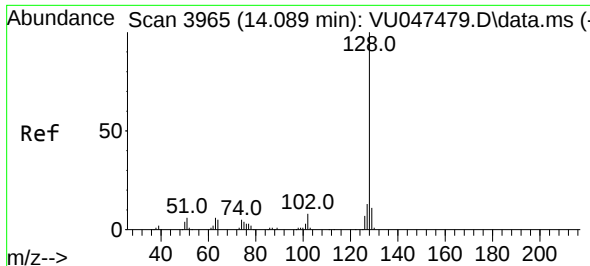
Ion Ratio Lower Upper

180 100

182 95.2 76.6 114.8

145 27.9 22.4 33.6

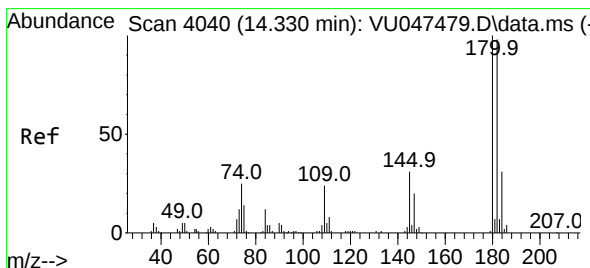
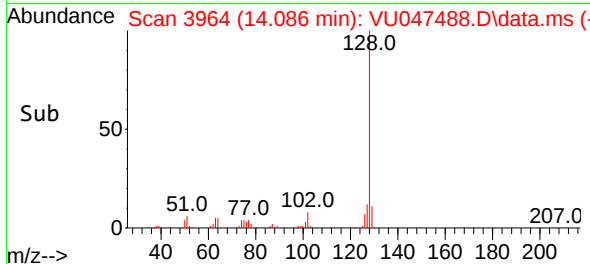
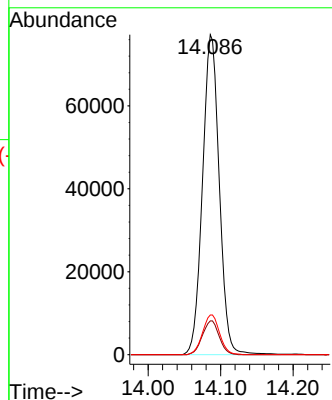
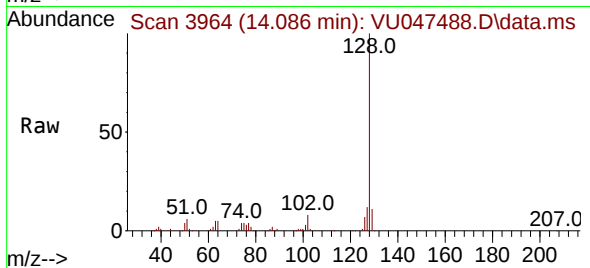




#71
Naphthalene
Concen: 6.979 ug/L
RT: 14.086 min Scan# 3965
Delta R.T. -0.003 min
Lab File: VU047488.D
Acq: 11 Mar 2022 13:38

Instrument :
MSVOA_U
ClientSampleId :
H4685MSD

Tgt Ion:128 Resp: 123840
Ion Ratio Lower Upper
128 100
129 10.6 8.6 13.0
127 12.6 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.856 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU047488.D
Acq: 11 Mar 2022 13:38

Tgt Ion:180 Resp: 53263
Ion Ratio Lower Upper
180 100
182 95.4 77.0 115.6
145 29.6 23.4 35.2

