

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111921\
 Data File : VU045883.D
 Acq On : 19 Nov 2021 09:52
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 22 03:47:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 19 00:50:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	100108	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	101897	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	54370	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	33865	4.270	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.400%
7) Chloroethane-d5	1.919	69	26644	4.615	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.200%
11) 1,1-Dichloroethene-d2	2.575	65	13869	4.169	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.400%
20) 2-Butanone-d5	4.649	46	114074	53.669	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.340%
24) Chloroform-d	5.070	84	55522	4.202	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.000%
26) 1,2-Dichloroethane-d4	5.706	65	34849	4.495	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.800%
32) Benzene-d6	5.732	84	117831	4.199	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.000%
36) 1,2-Dichloropropane-d6	6.697	67	38500	4.353	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.000%
41) Toluene-d8	7.902	98	106050	4.178	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.600%
43) trans-1,3-Dichloroprop...	8.182	79	15799	4.401	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.000%
46) 2-Hexanone-d5	8.639	63	82124	50.822	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.640%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	35993	4.817	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.400%
66) 1,2-Dichlorobenzene-d4	12.198	152	40456	4.334	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	37313	4.578	ug/L	99
3) Chloromethane	1.520	50	35387	4.097	ug/L	99
5) Vinyl chloride	1.607	62	39578	4.565	ug/L	100
6) Bromomethane	1.861	94	25211	4.903	ug/L	99
8) Chloroethane	1.938	64	24297	4.915	ug/L	100
9) Trichlorofluoromethane	2.144	101	54852	4.901	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	32125	4.895	ug/L	99
12) 1,1-Dichloroethene	2.584	96	29942	4.832	ug/L	94
13) Acetone	2.668	43	69130	55.258	ug/L	95
14) Carbon disulfide	2.800	76	86024	4.389	ug/L	100
15) Methyl Acetate	2.964	43	16379	5.336	ug/L	93
16) Methylene chloride	3.051	84	35438	3.873	ug/L	99
17) Methyl tert-butyl Ether	3.369	73	82415	5.109	ug/L	100
18) trans-1,2-Dichloroethene	3.362	96	31715	4.774	ug/L	97
19) 1,1-Dichloroethane	3.877	63	62102	4.990	ug/L	99
21) 2-Butanone	4.729	43	119458	56.751	ug/L	98
22) cis-1,2-Dichloroethene	4.671	96	35317	4.904	ug/L	99
23) Bromochloromethane	4.980	128	16805	5.353	ug/L	96
25) Chloroform	5.095	83	69520	5.149	ug/L	98

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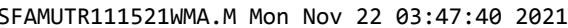
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 ClientSampleId :

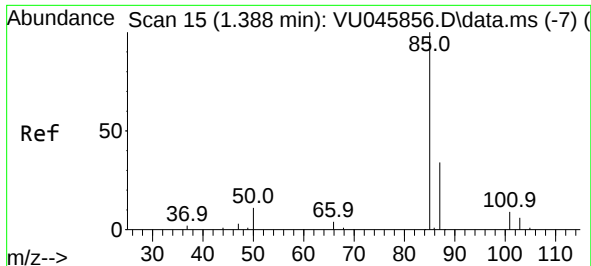
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	42686	4.955	ug/L	98
29) 1,1,1-Trichloroethane	5.324	97	55021	4.970	ug/L	99
30) Cyclohexane	5.395	56	50282	4.579	ug/L	98
31) Carbon tetrachloride	5.530	117	45501	4.887	ug/L	100
33) Benzene	5.780	78	135980	4.782	ug/L	100
34) Trichloroethene	6.546	95	36062	4.921	ug/L	97
35) Methylcyclohexane	6.767	83	52102	4.630	ug/L	98
37) 1,2-Dichloropropane	6.793	63	37317	4.987	ug/L	99
38) Bromodichloromethane	7.108	83	45951	4.977	ug/L	98
39) cis-1,3-Dichloropropene	7.610	75	52975	4.982	ug/L	98
40) 4-Methyl-2-pentanone	7.796	43	269754	54.960	ug/L	99
42) Toluene	7.973	91	148531	5.060	ug/L	98
44) trans-1,3-Dichloropropene	8.214	75	47103	5.092	ug/L	100
45) 1,1,2-Trichloroethane	8.404	97	29172	5.251	ug/L	99
47) Tetrachloroethene	8.555	164	25650	5.000	ug/L	98
48) 2-Hexanone	8.687	43	202506	57.111	ug/L	99
49) Dibromochloromethane	8.812	129	33361	5.273	ug/L	95
50) 1,2-Dibromoethane	8.928	107	27573	5.268	ug/L	95
51) Chlorobenzene	9.449	112	93456	5.076	ug/L	98
52) Ethylbenzene	9.574	91	157267	5.119	ug/L	100
53) m,p-Xylene	9.697	106	62277	5.292	ug/L	98
54) o-Xylene	10.105	106	59328	5.224	ug/L	98
55) Styrene	10.118	104	104592	5.471	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.787	83	38113	5.357	ug/L	95
59) Bromoform	10.295	173	18847	5.234	ug/L	99
60) Isopropylbenzene	10.488	105	158393	4.962	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	28487	5.047	ug/L	98
62) 1,3,5-Trimethylbenzene	11.092	105	130626	5.005	ug/L	100
63) 1,2,4-Trimethylbenzene	11.471	105	132095	5.052	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	76198	5.117	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	76562	5.061	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	72800	5.099	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.999	75	5368	4.571	ug/L	92
69) 1,3,5-Trichlorobenzene	13.221	180	55653	4.996	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	47616	5.052	ug/L	99
71) Naphthalene	14.089	128	97878	5.054	ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180	47623	5.078	ug/L	99

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

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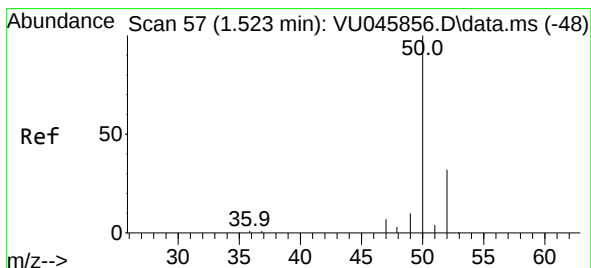
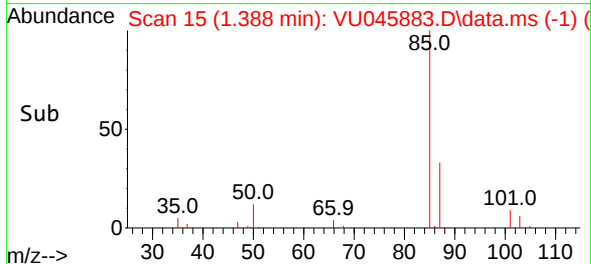
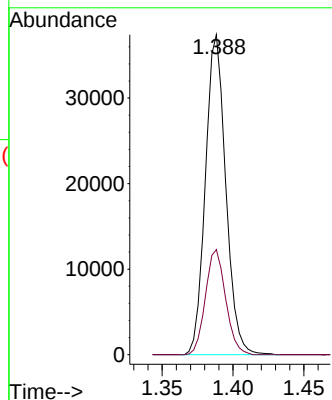
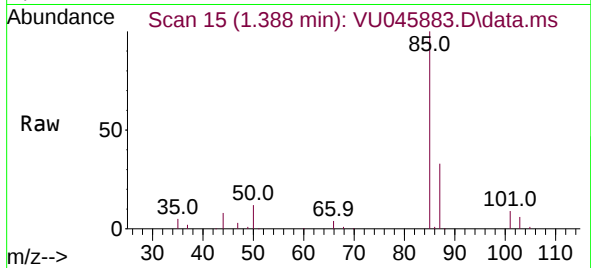




#2
 Dichlorodifluoromethane
 Concen: 4.578 ug/L
 RT: 1.388 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VU045883.D
 Acq: 19 Nov 2021 09:52

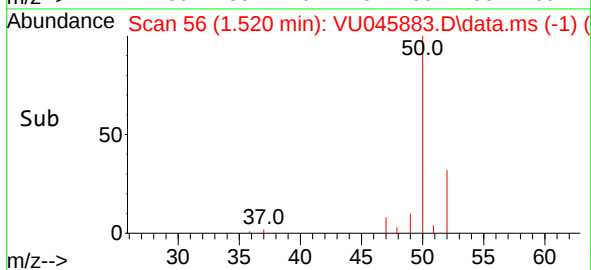
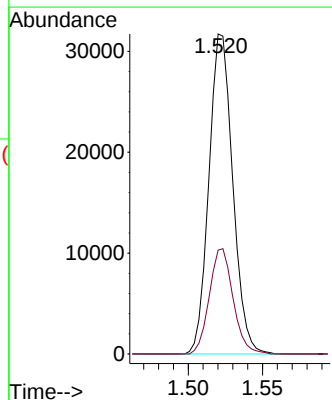
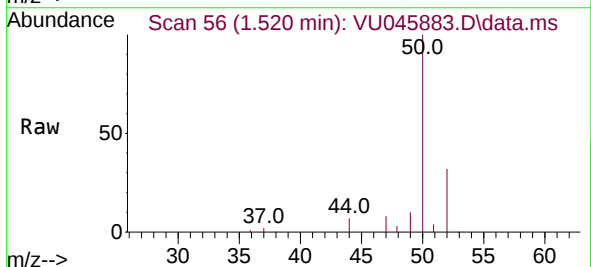
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 ClientSampleId :

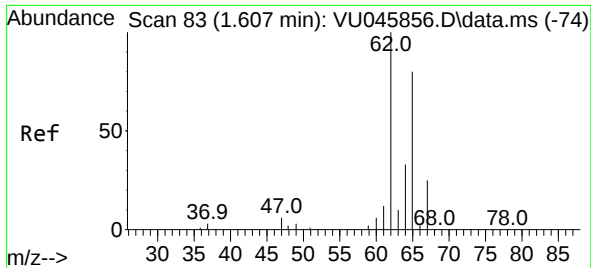
Tgt Ion: 85 Resp: 37313
 Ion Ratio Lower Upper
 85 100
 87 32.6 25.8 38.6



#3
 Chloromethane
 Concen: 4.097 ug/L
 RT: 1.520 min Scan# 56
 Delta R.T. -0.003 min
 Lab File: VU045883.D
 Acq: 19 Nov 2021 09:52

Tgt Ion: 50 Resp: 35387
 Ion Ratio Lower Upper
 50 100
 52 32.5 23.0 42.8

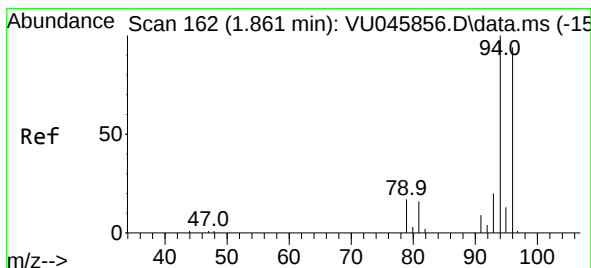
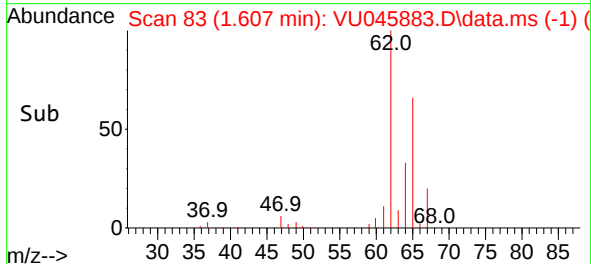
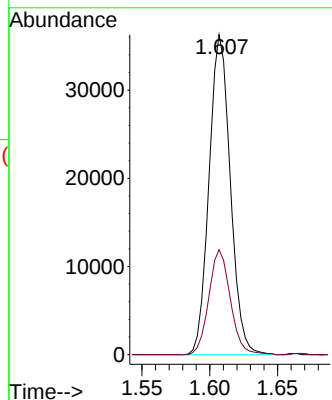
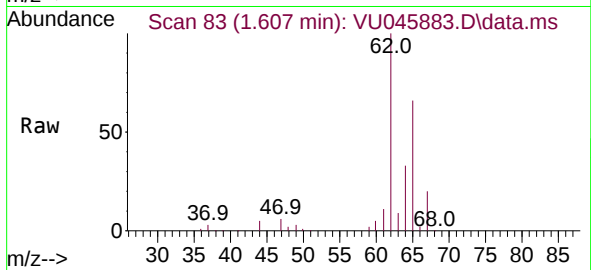




#5
 Vinyl chloride
 Concen: 4.565 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU045883.D
 Acq: 19 Nov 2021 09:52

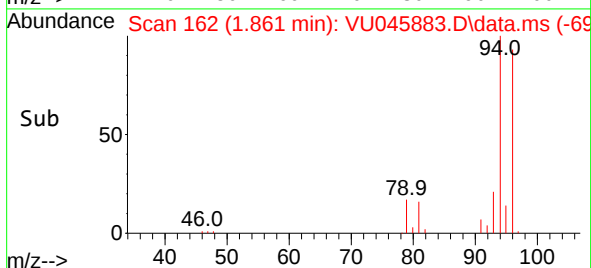
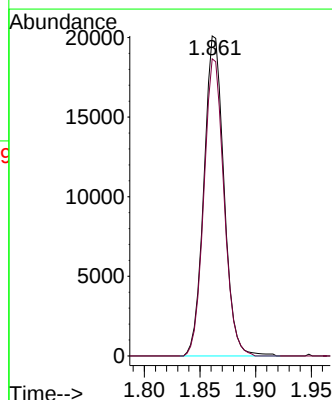
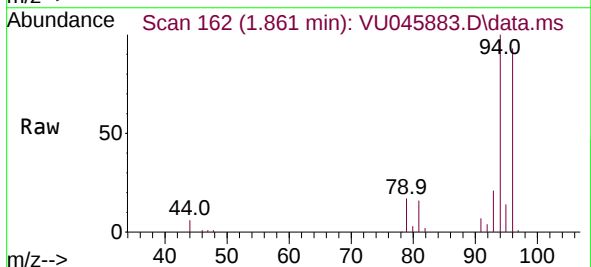
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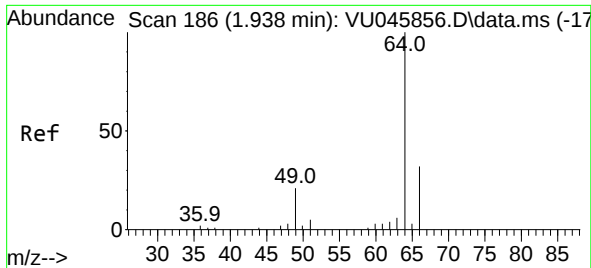
Tgt Ion: 62 Resp: 39578
 Ion Ratio Lower Upper
 62 100
 64 32.8 22.9 42.5



#6
 Bromomethane
 Concen: 4.903 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. 0.000 min
 Lab File: VU045883.D
 Acq: 19 Nov 2021 09:52

Tgt Ion: 94 Resp: 25211
 Ion Ratio Lower Upper
 94 100
 96 92.8 65.5 121.6

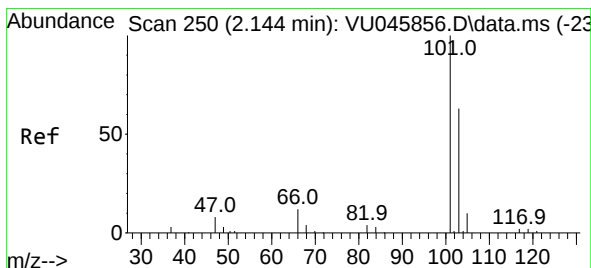
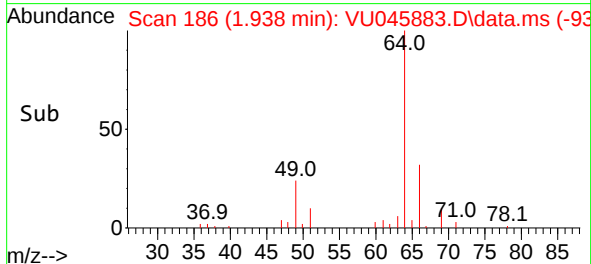
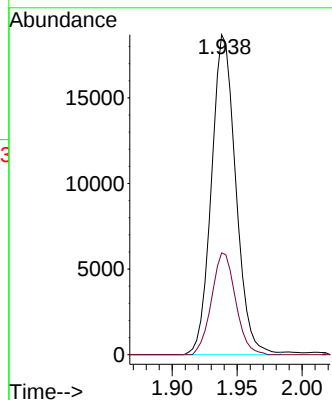
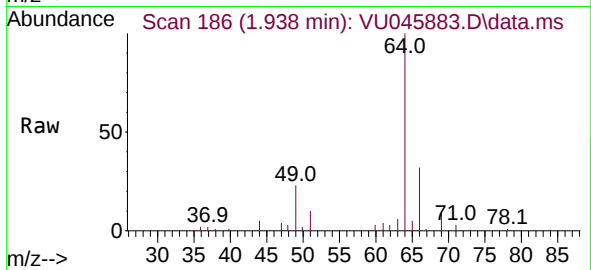




#8
Chloroethane
Concen: 4.915 ug/L
RT: 1.938 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045883.D
Acq: 19 Nov 2021 09:52

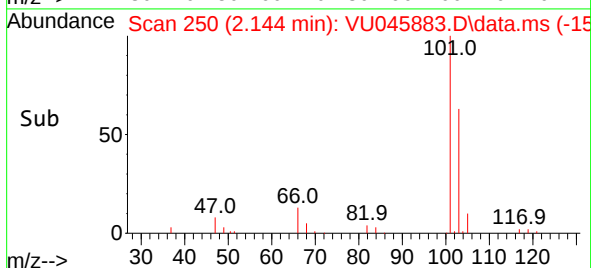
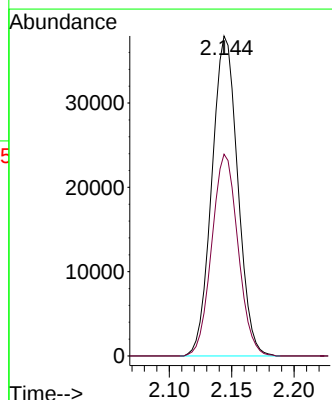
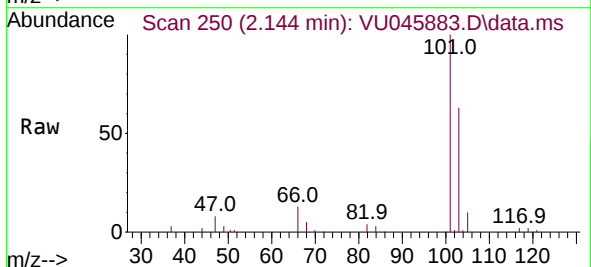
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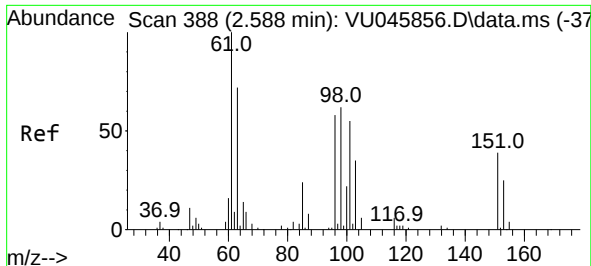
Tgt Ion: 64 Resp: 24297
Ion Ratio Lower Upper
64 100
66 31.8 22.1 41.1



#9
Trichlorofluoromethane
Concen: 4.901 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU045883.D
Acq: 19 Nov 2021 09:52

Tgt Ion:101 Resp: 54852
Ion Ratio Lower Upper
101 100
103 63.9 51.5 77.3

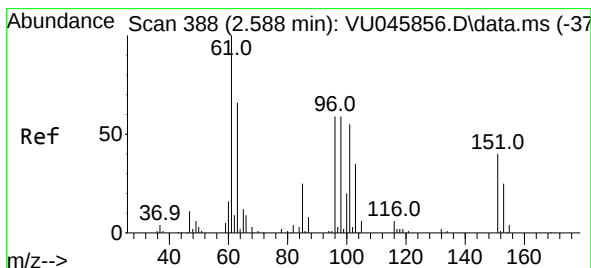
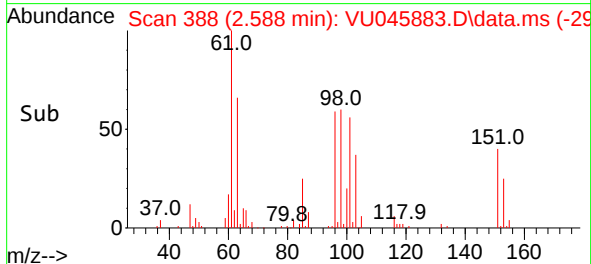
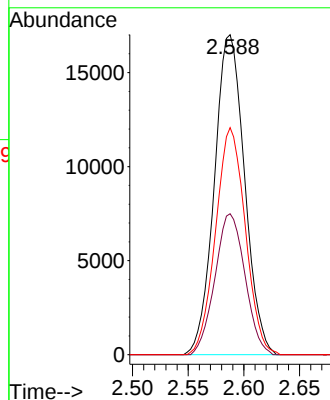
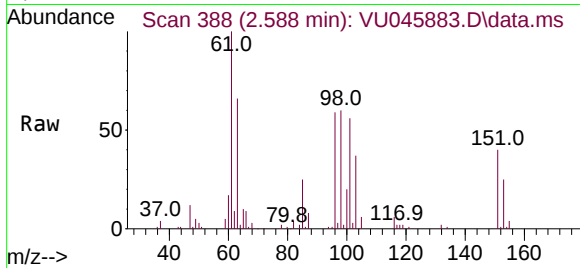




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.895 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. 0.000 min
 Lab File: VU045883.D
 Acq: 19 Nov 2021 09:52

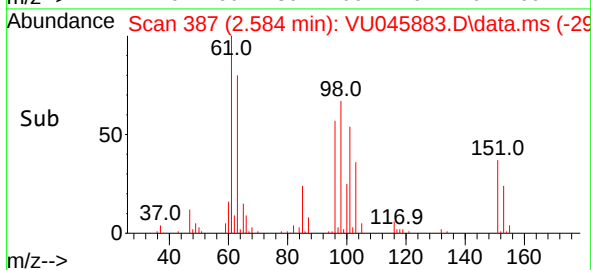
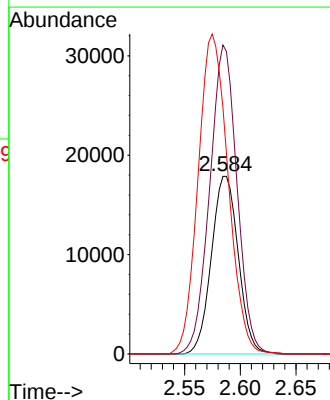
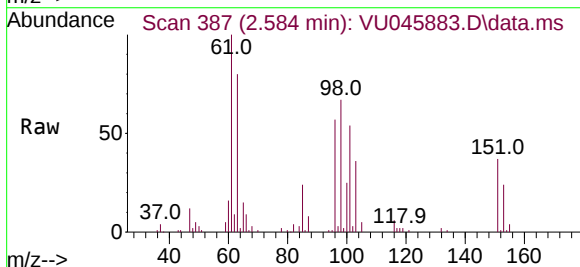
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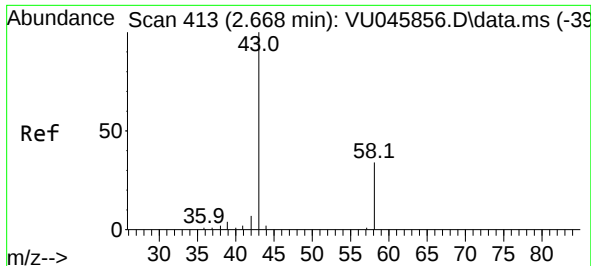
Tgt Ion:101 Resp: 32125
 Ion Ratio Lower Upper
 101 100
 85 43.8 34.6 51.8
 151 69.8 56.1 84.1



#12
 1,1-Dichloroethene
 Concen: 4.832 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. -0.003 min
 Lab File: VU045883.D
 Acq: 19 Nov 2021 09:52

Tgt Ion: 96 Resp: 29942
 Ion Ratio Lower Upper
 96 100
 61 173.9 124.7 231.5
 63 138.9 105.2 195.4





#13

Acetone

Concen: 55.258 ug/L

RT: 2.668 min Scan# 413

Delta R.T. 0.000 min

Lab File: VU045883.D

Acq: 19 Nov 2021 09:52

Instrument :

MSVOA_U

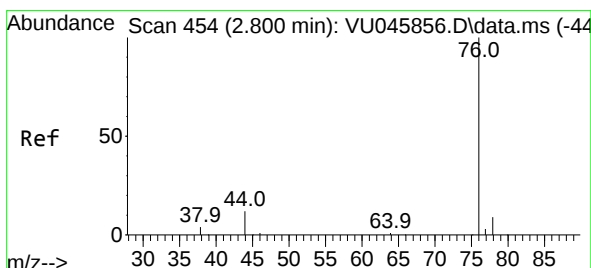
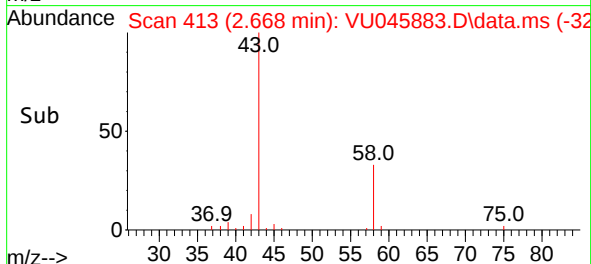
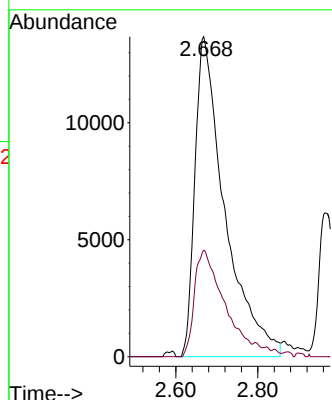
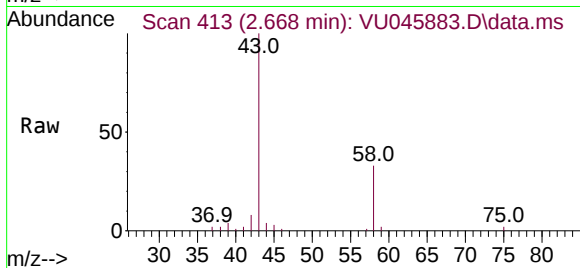
ClientSampleId :

Tgt Ion: 43 Resp: 69130

Ion Ratio Lower Upper

43 100

58 32.6 0.0 71.6



#14

Carbon disulfide

Concen: 4.389 ug/L

RT: 2.800 min Scan# 454

Delta R.T. 0.000 min

Lab File: VU045883.D

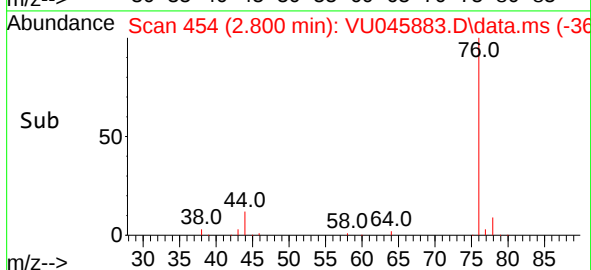
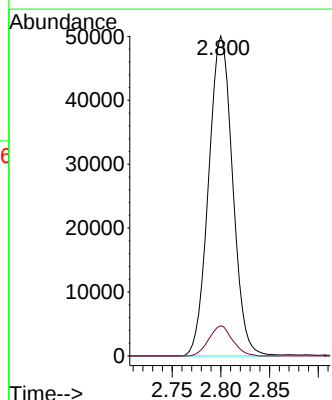
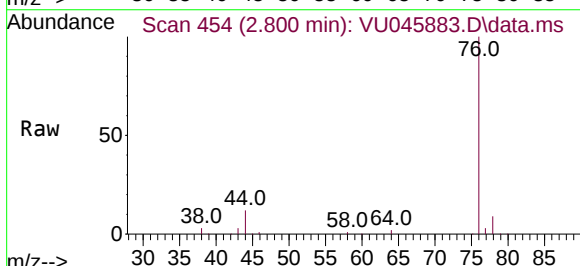
Acq: 19 Nov 2021 09:52

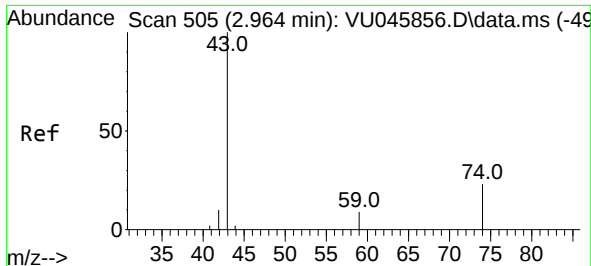
Tgt Ion: 76 Resp: 86024

Ion Ratio Lower Upper

76 100

78 9.5 7.5 11.3

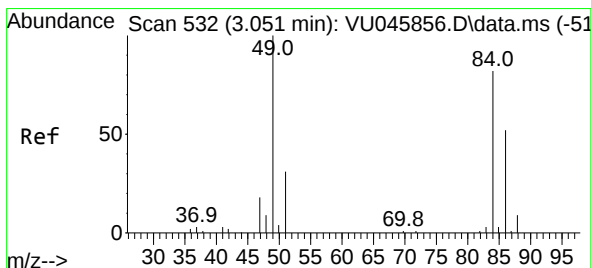
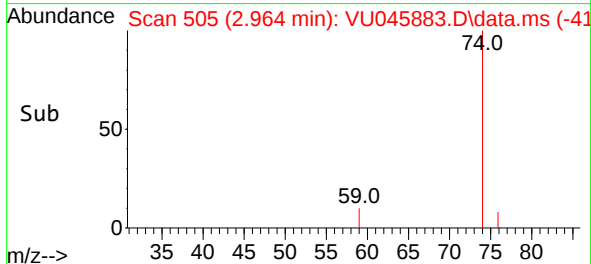
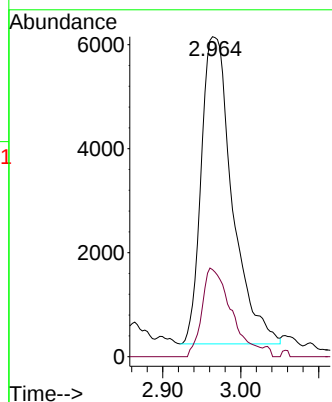
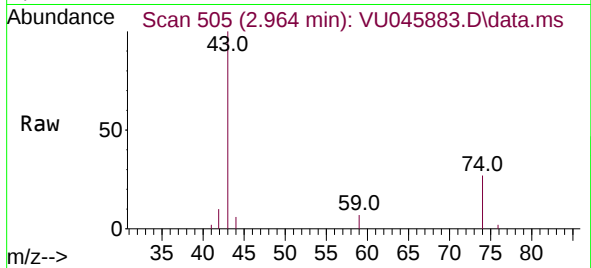




#15
Methyl Acetate
Concen: 5.336 ug/L
RT: 2.964 min Scan# 505
Delta R.T. 0.000 min
Lab File: VU045883.D
Acq: 19 Nov 2021 09:52

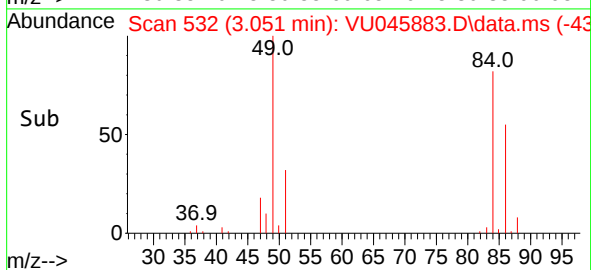
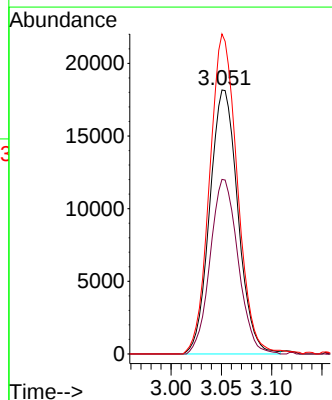
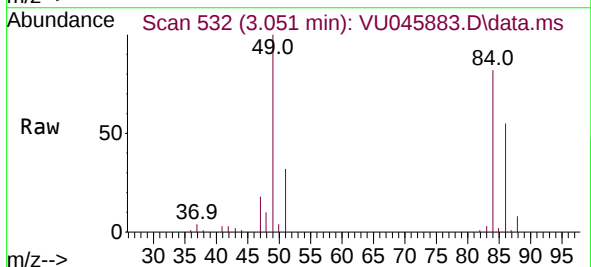
Instrument :
MSVOA_U
ClientSampleId :

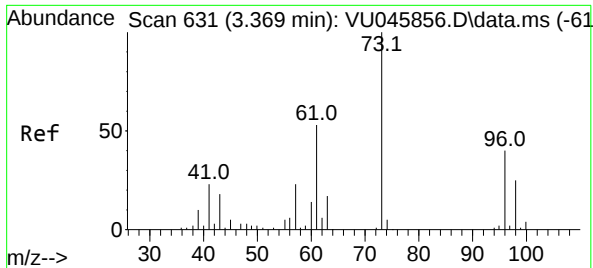
Tgt Ion: 43 Resp: 16379
Ion Ratio Lower Upper
43 100
74 27.2 19.1 28.7



#16
Methylene chloride
Concen: 3.873 ug/L
RT: 3.051 min Scan# 532
Delta R.T. 0.000 min
Lab File: VU045883.D
Acq: 19 Nov 2021 09:52

Tgt Ion: 84 Resp: 35438
Ion Ratio Lower Upper
84 100
86 66.1 45.8 85.0
49 121.2 84.5 156.9





#17

Methyl tert-butyl Ether

Concen: 5.109 ug/L

RT: 3.369 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU045883.D

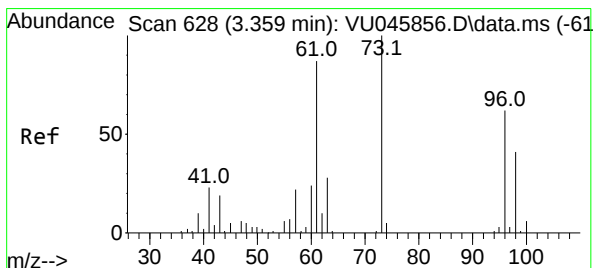
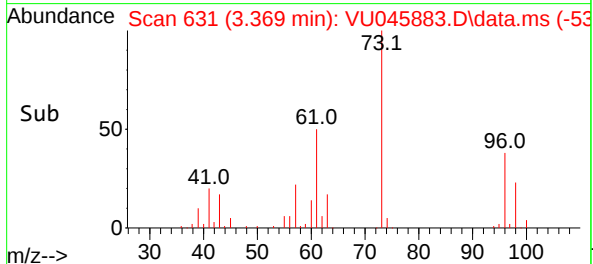
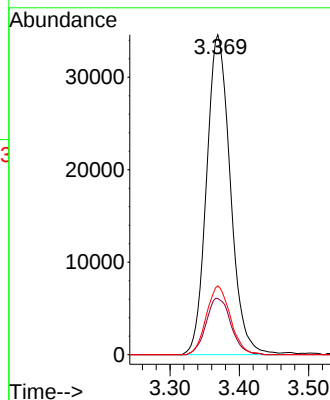
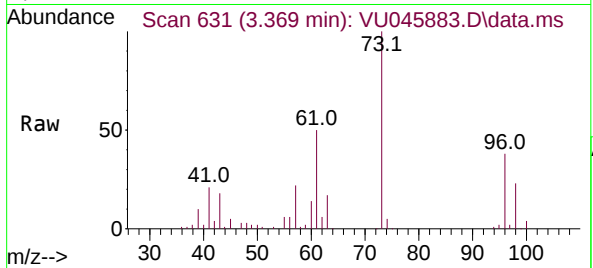
Acq: 19 Nov 2021 09:52

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 73	Resp: 82415
Ion Ratio	Lower Upper
73	100
43	18.5 14.8 22.2
57	21.8 17.4 26.0



#18

trans-1,2-Dichloroethene

Concen: 4.774 ug/L

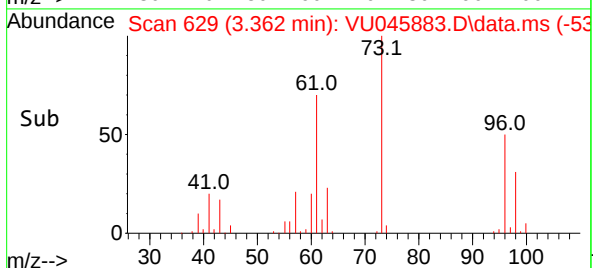
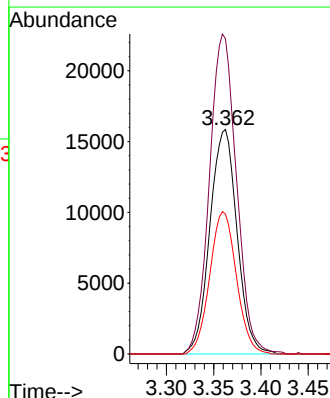
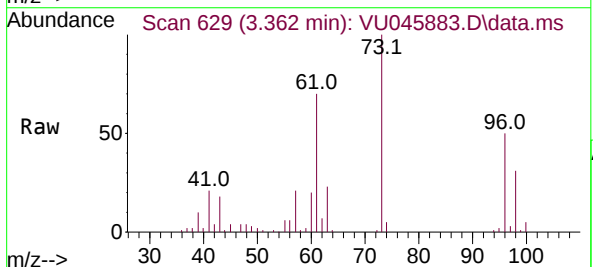
RT: 3.362 min Scan# 629

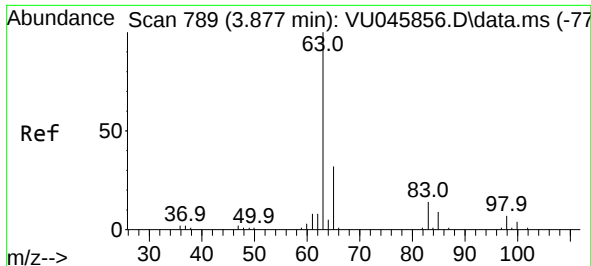
Delta R.T. 0.003 min

Lab File: VU045883.D

Acq: 19 Nov 2021 09:52

Tgt Ion: 96	Resp: 31715
Ion Ratio	Lower Upper
96	100
61	140.5 100.8 187.2
98	62.3 45.1 83.7





#19

1,1-Dichloroethane

Concen: 4.990 ug/L

RT: 3.877 min Scan# 789

Delta R.T. 0.000 min

Lab File: VU045883.D

Acq: 19 Nov 2021 09:52

Instrument :

MSVOA_U

ClientSampleId :

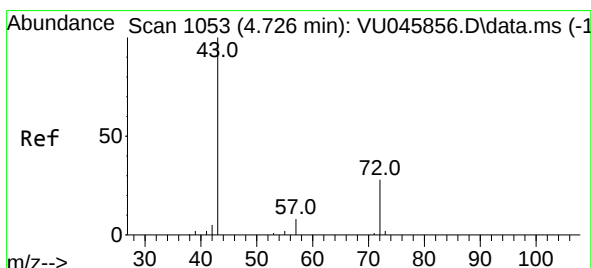
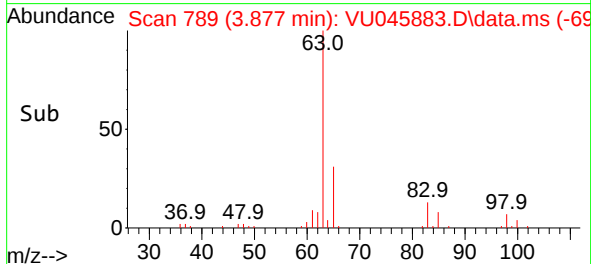
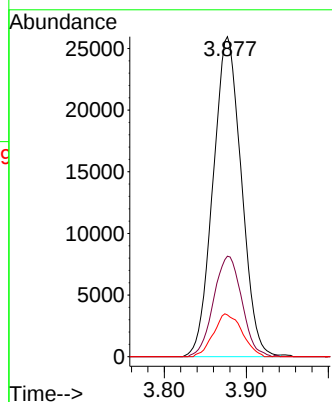
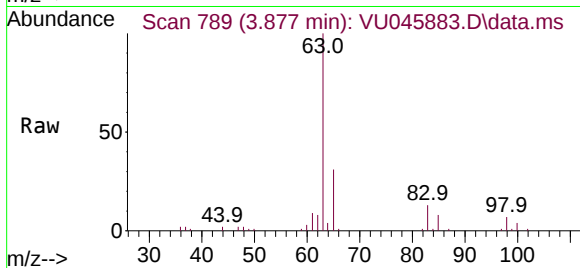
Tgt Ion: 63 Resp: 62102

Ion Ratio Lower Upper

63 100

65 31.4 22.3 41.5

83 13.0 9.6 17.8



#21

2-Butanone

Concen: 56.751 ug/L

RT: 4.729 min Scan# 1054

Delta R.T. 0.003 min

Lab File: VU045883.D

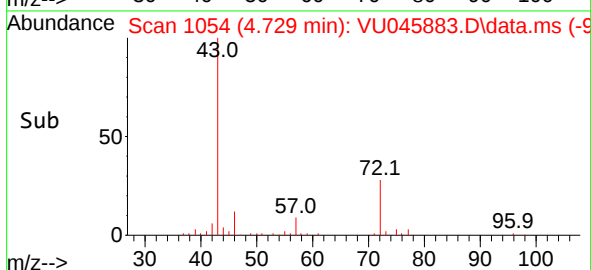
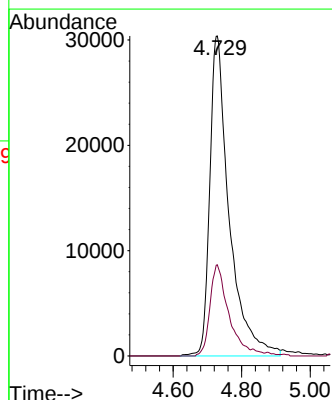
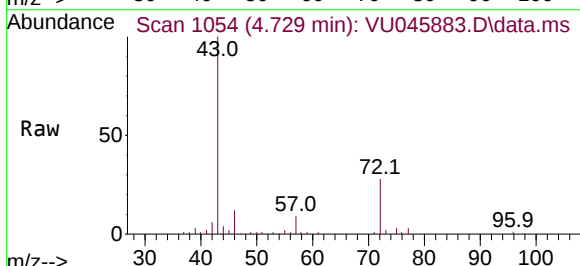
Acq: 19 Nov 2021 09:52

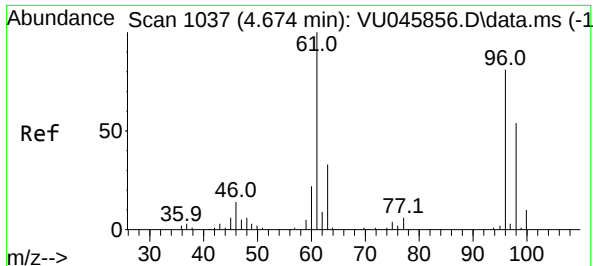
Tgt Ion: 43 Resp: 119458

Ion Ratio Lower Upper

43 100

72 26.9 14.1 42.3





#22

cis-1,2-Dichloroethene

Concen: 4.904 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. -0.003 min

Lab File: VU045883.D

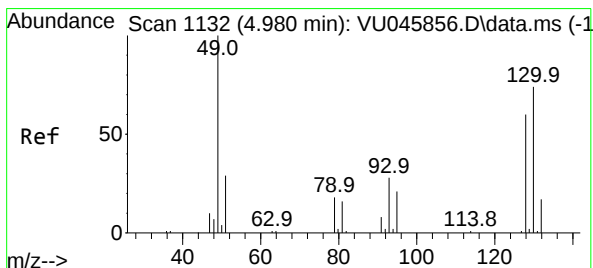
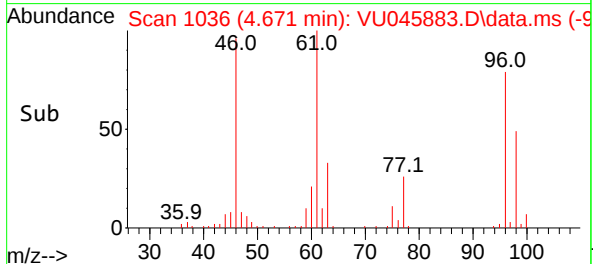
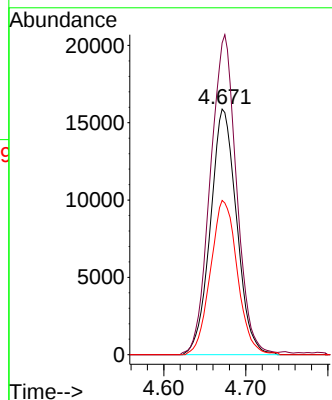
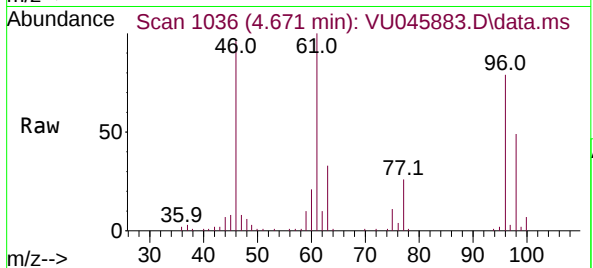
Acq: 19 Nov 2021 09:52

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 96	Resp: 35317
Ion Ratio	Lower Upper
96 100	
61 126.9	88.5 164.3
98 62.8	44.4 82.5



#23

Bromochloromethane

Concen: 5.353 ug/L

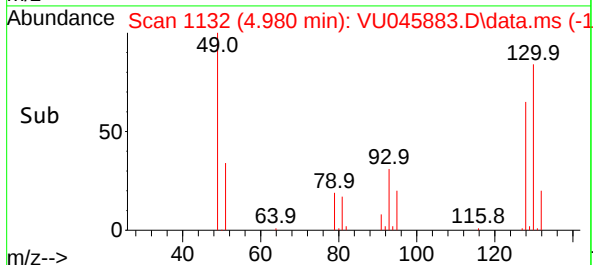
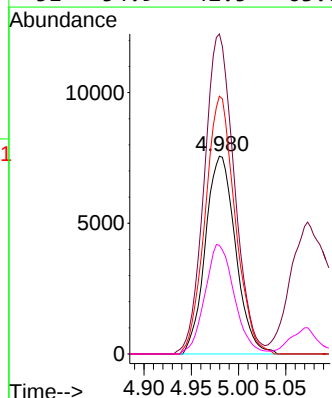
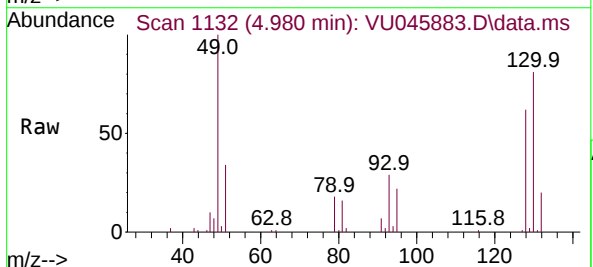
RT: 4.980 min Scan# 1132

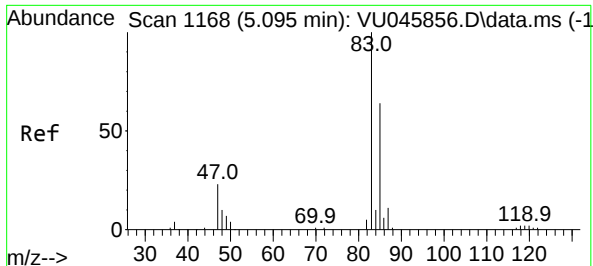
Delta R.T. 0.000 min

Lab File: VU045883.D

Acq: 19 Nov 2021 09:52

Tgt	Ion:128	Resp:	16805
Ion	Ratio	Lower	Upper
128	100		
49	161.8	117.0	217.2
130	130.3	88.2	163.8
51	54.9	42.5	63.7





#25

Chloroform

Concen: 5.149 ug/L

RT: 5.095 min Scan# 1168

Delta R.T. 0.000 min

Lab File: VU045883.D

Acq: 19 Nov 2021 09:52

Instrument :

MSVOA_U

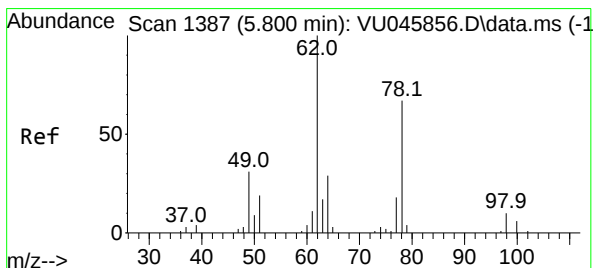
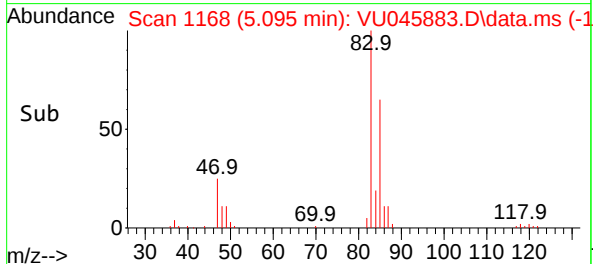
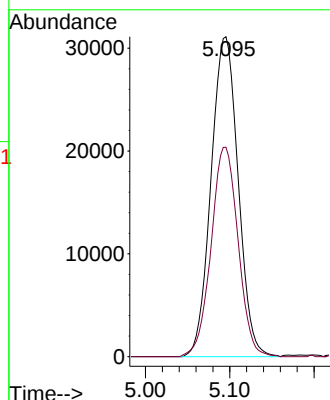
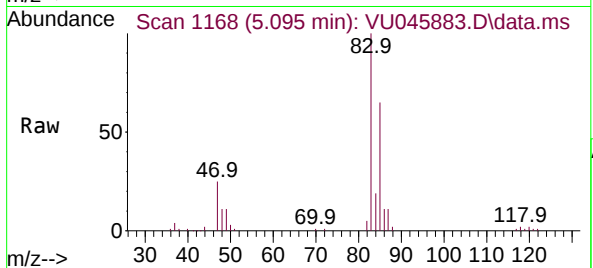
ClientSampleId :

Tgt Ion: 83 Resp: 69520

Ion Ratio Lower Upper

83 100

85 65.5 46.9 87.1



#27

1,2-Dichloroethane

Concen: 4.955 ug/L

RT: 5.800 min Scan# 1387

Delta R.T. 0.000 min

Lab File: VU045883.D

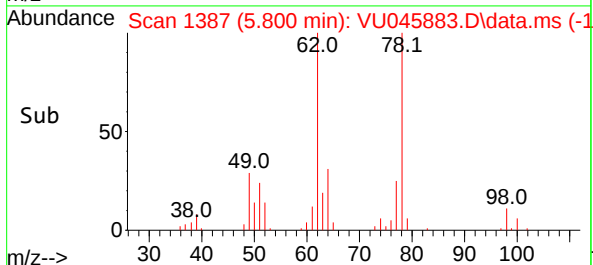
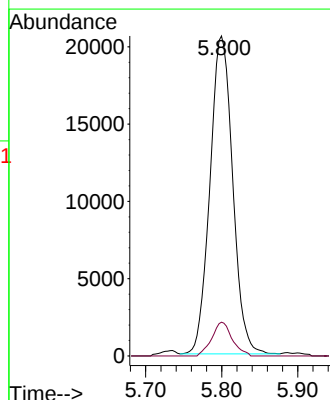
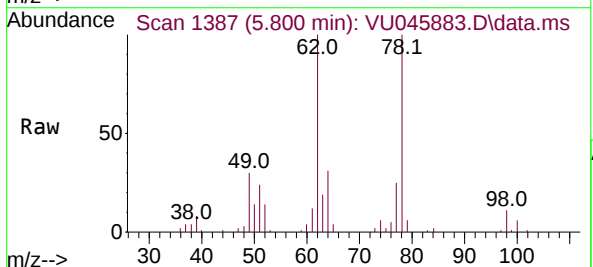
Acq: 19 Nov 2021 09:52

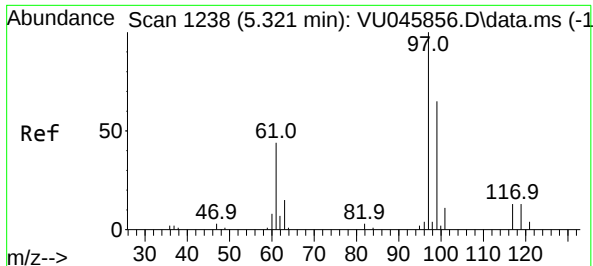
Tgt Ion: 62 Resp: 42686

Ion Ratio Lower Upper

62 100

98 10.5 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 4.970 ug/L

RT: 5.324 min Scan# 1238

Delta R.T. 0.003 min

Lab File: VU045883.D

Acq: 19 Nov 2021 09:52

Instrument :

MSVOA_U

ClientSampleId :

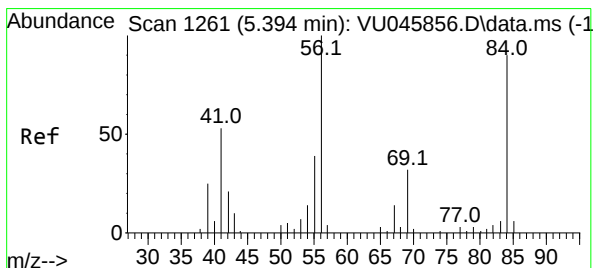
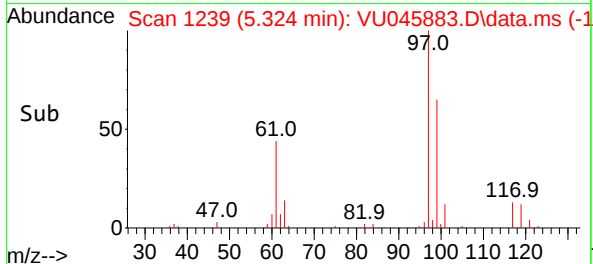
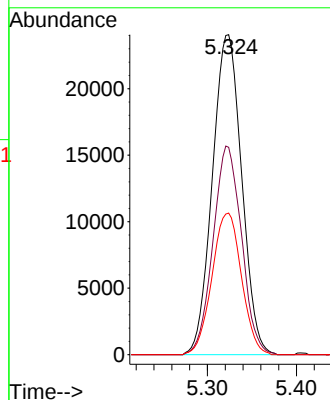
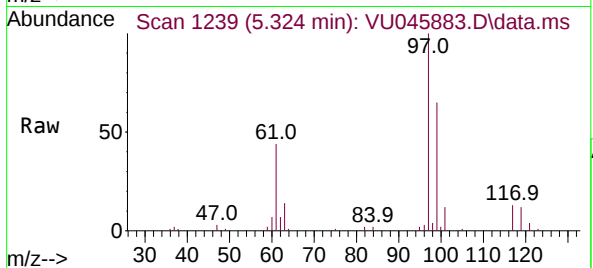
Tgt Ion: 97 Resp: 55021

Ion Ratio Lower Upper

97 100

99 63.3 51.3 76.9

61 44.5 36.1 54.1



#30

Cyclohexane

Concen: 4.579 ug/L

RT: 5.395 min Scan# 1261

Delta R.T. 0.000 min

Lab File: VU045883.D

Acq: 19 Nov 2021 09:52

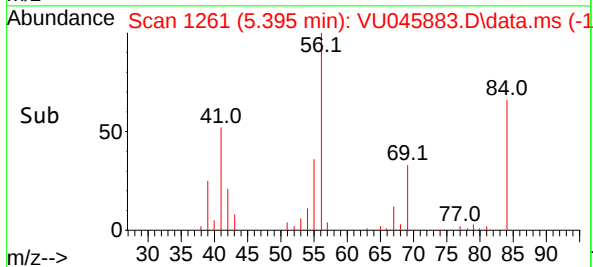
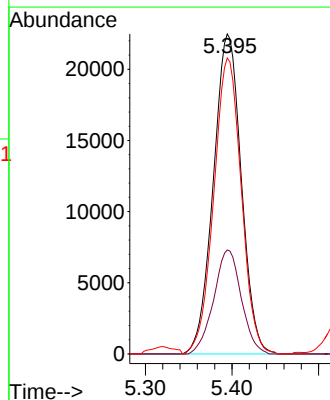
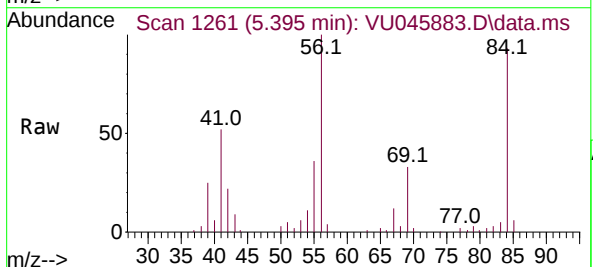
Tgt Ion: 56 Resp: 50282

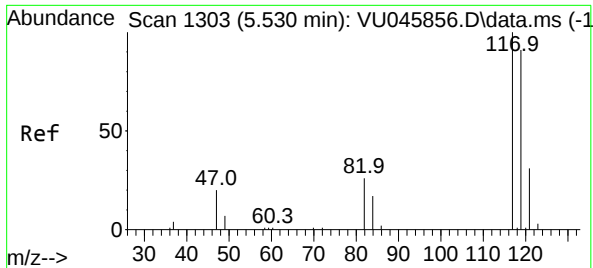
Ion Ratio Lower Upper

56 100

69 32.1 24.7 37.1

84 91.1 71.8 107.6

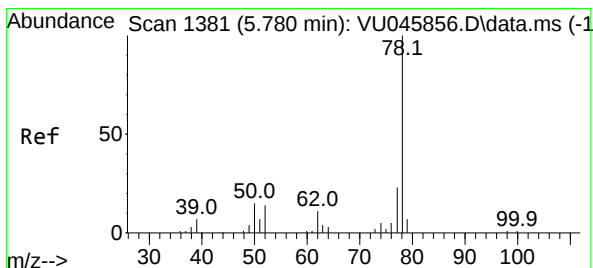
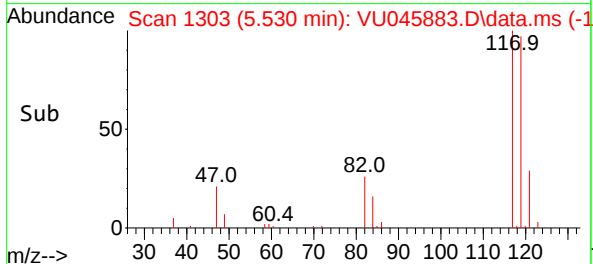
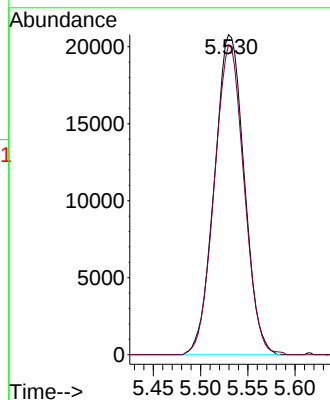
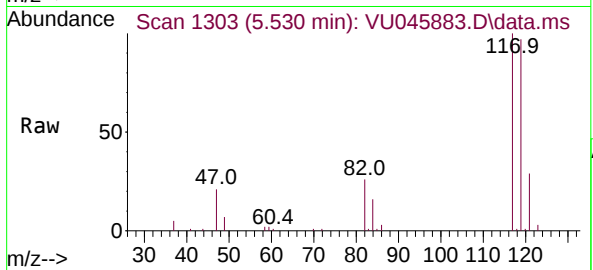




#31
Carbon tetrachloride
Concen: 4.887 ug/L
RT: 5.530 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU045883.D
Acq: 19 Nov 2021 09:52

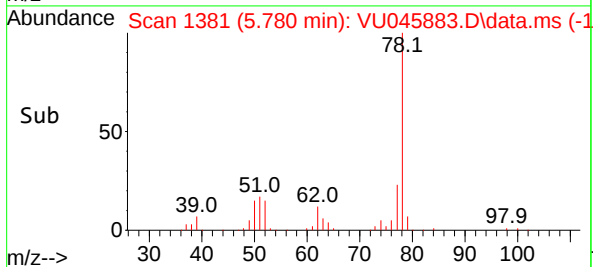
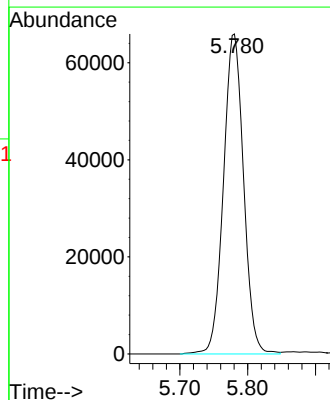
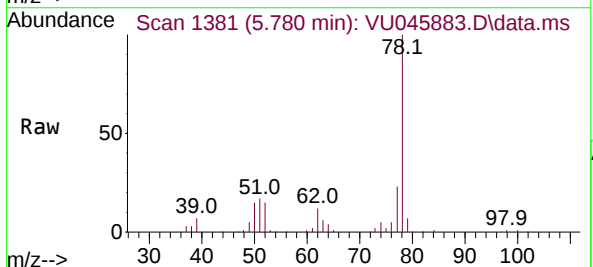
Instrument :
MSVOA_U
ClientSampleId :

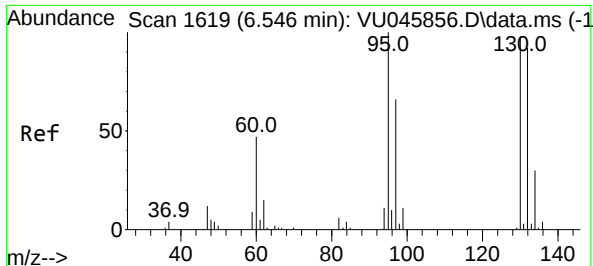
Tgt Ion:117 Resp: 45501
Ion Ratio Lower Upper
117 100
119 96.6 77.5 116.3



#33
Benzene
Concen: 4.782 ug/L
RT: 5.780 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VU045883.D
Acq: 19 Nov 2021 09:52

Tgt Ion: 78 Resp: 135980





#34

Trichloroethene

Concen: 4.921 ug/L

RT: 6.546 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU045883.D

Acq: 19 Nov 2021 09:52

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 36062

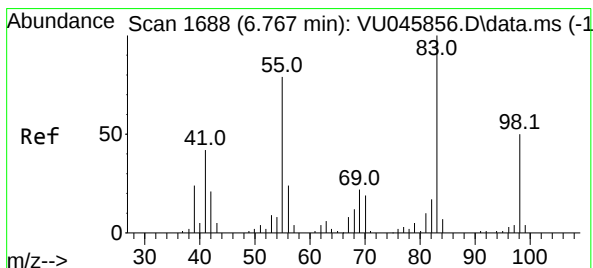
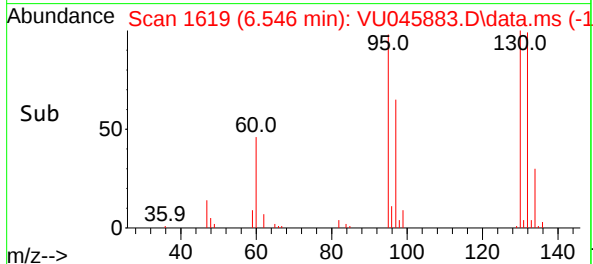
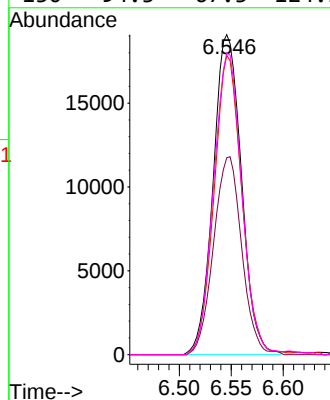
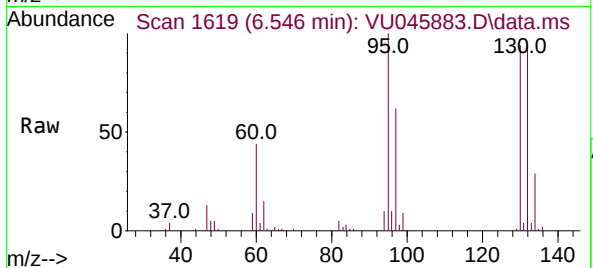
Ion Ratio Lower Upper

95 100

97 61.6 46.5 86.5

132 93.5 65.1 120.9

130 94.3 67.3 124.9



#35

Methylcyclohexane

Concen: 4.630 ug/L

RT: 6.767 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VU045883.D

Acq: 19 Nov 2021 09:52

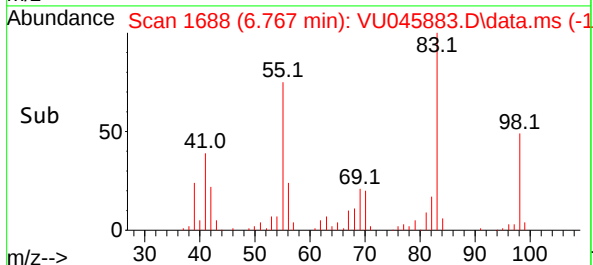
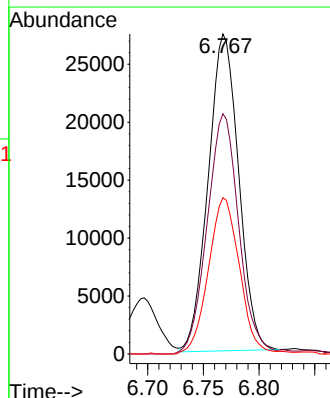
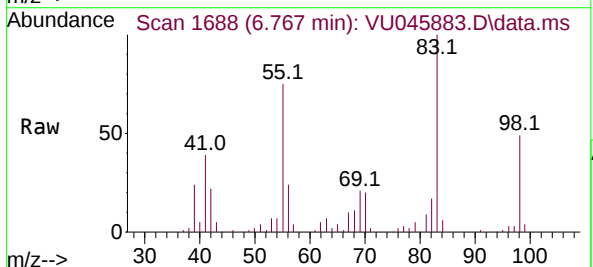
Tgt Ion: 83 Resp: 52102

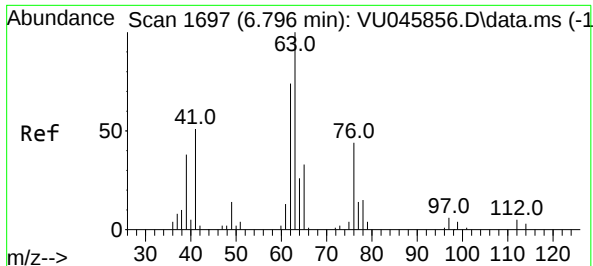
Ion Ratio Lower Upper

83 100

55 78.4 61.9 92.9

98 50.3 39.0 58.6





#37

1,2-Dichloropropane

Concen: 4.987 ug/L

RT: 6.793 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU045883.D

Acq: 19 Nov 2021 09:52

Instrument :

MSVOA_U

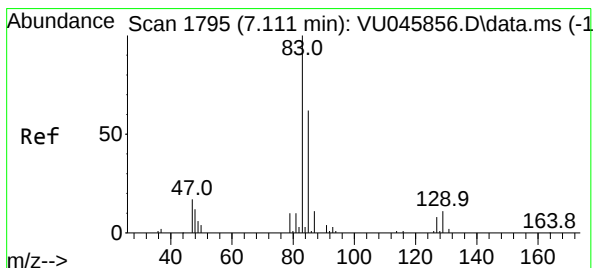
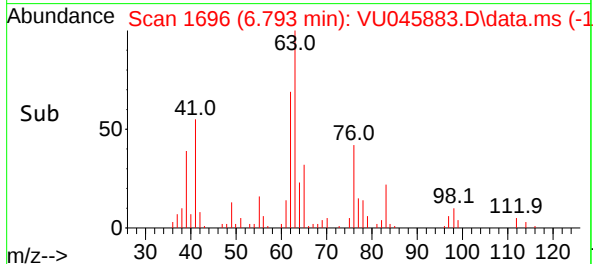
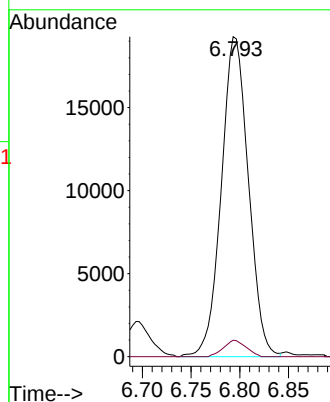
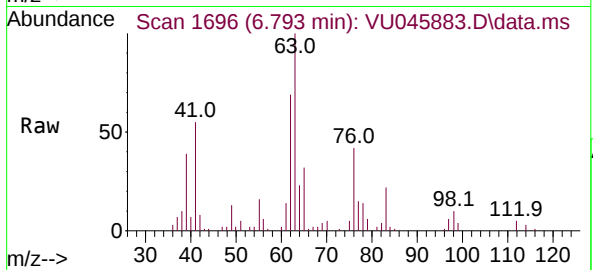
ClientSampleId :

Tgt Ion: 63 Resp: 37317

Ion Ratio Lower Upper

63 100

112 4.3 3.2 4.8



#38

Bromodichloromethane

Concen: 4.977 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. -0.003 min

Lab File: VU045883.D

Acq: 19 Nov 2021 09:52

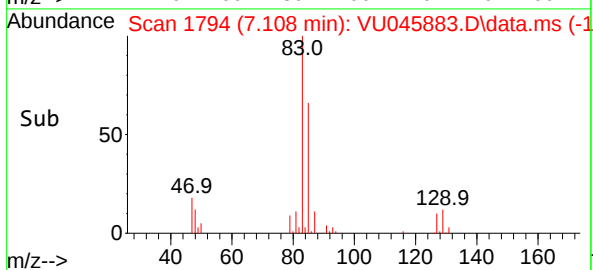
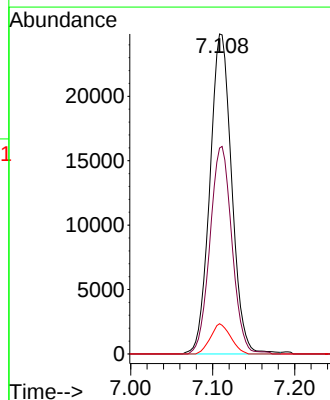
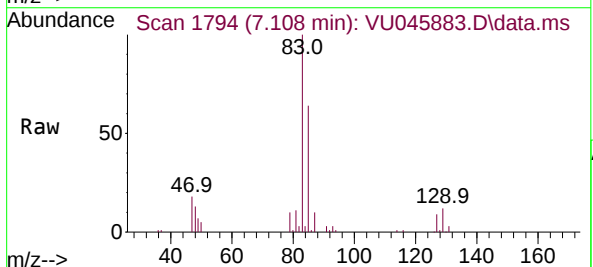
Tgt Ion: 83 Resp: 45951

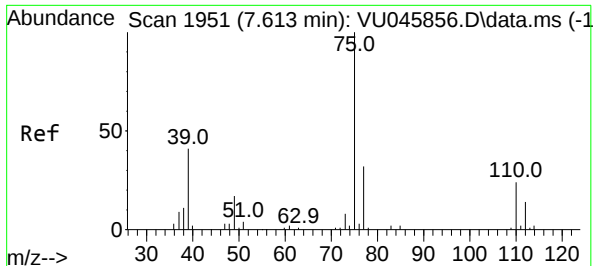
Ion Ratio Lower Upper

83 100

85 64.4 44.0 81.8

127 9.4 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 4.982 ug/L

RT: 7.610 min Scan# 1951

Delta R.T. -0.003 min

Lab File: VU045883.D

Acq: 19 Nov 2021 09:52

Instrument :

MSVOA_U

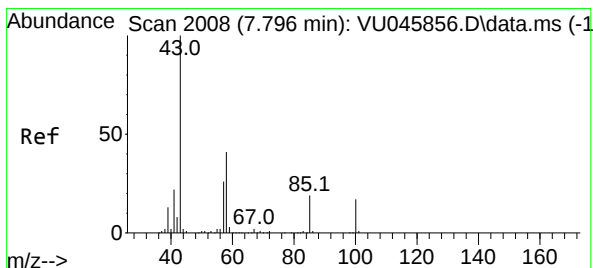
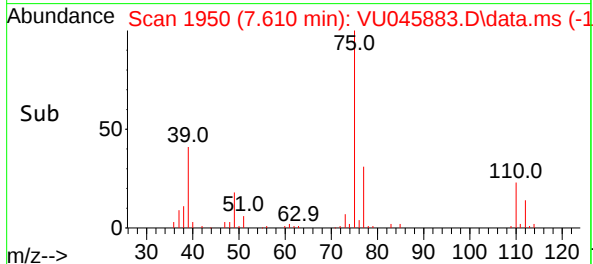
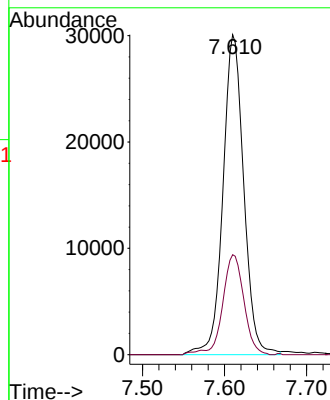
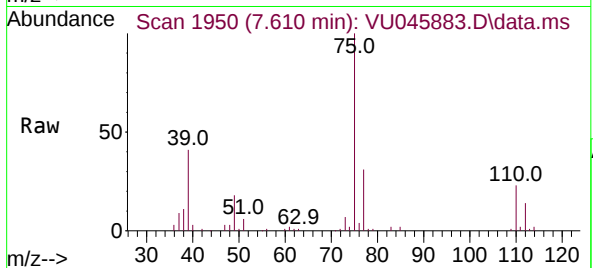
ClientSampleId :

Tgt Ion: 75 Resp: 52975

Ion Ratio Lower Upper

75 100

77 31.2 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 54.960 ug/L

RT: 7.796 min Scan# 2008

Delta R.T. 0.000 min

Lab File: VU045883.D

Acq: 19 Nov 2021 09:52

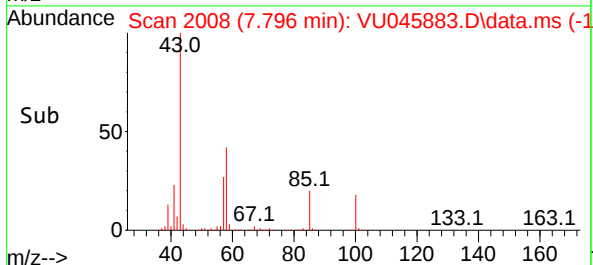
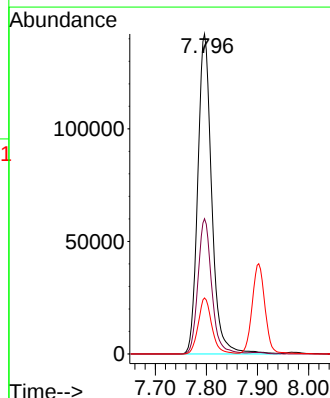
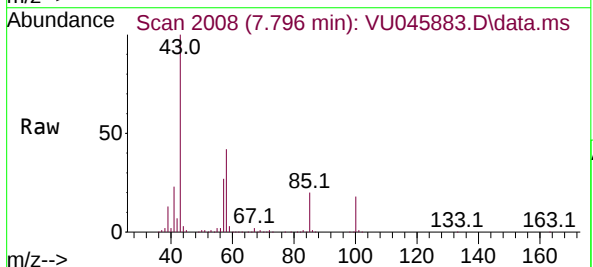
Tgt Ion: 43 Resp: 269754

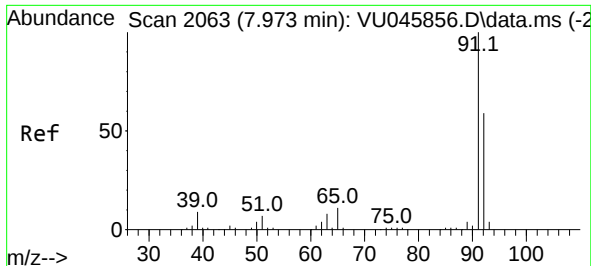
Ion Ratio Lower Upper

43 100

58 41.7 33.1 49.7

100 17.1 13.2 19.8





#42

Toluene

Concen: 5.060 ug/L

RT: 7.973 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VU045883.D

Acq: 19 Nov 2021 09:52

Instrument :

MSVOA_U

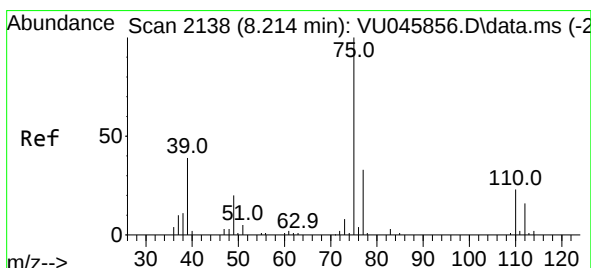
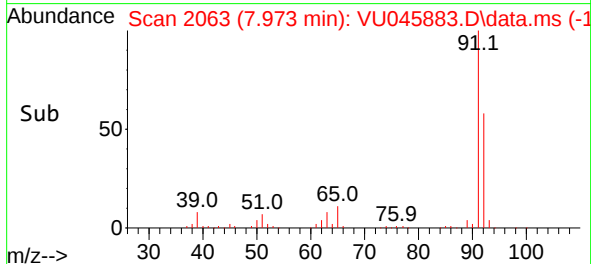
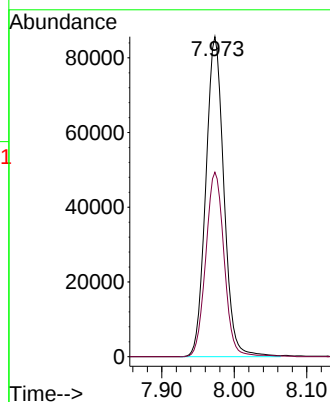
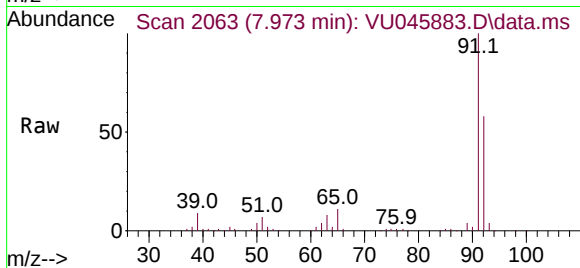
ClientSampleId :

Tgt Ion: 91 Resp: 148531

Ion Ratio Lower Upper

91 100

92 57.6 41.3 76.7



#44

trans-1,3-Dichloropropene

Concen: 5.092 ug/L

RT: 8.214 min Scan# 2138

Delta R.T. 0.000 min

Lab File: VU045883.D

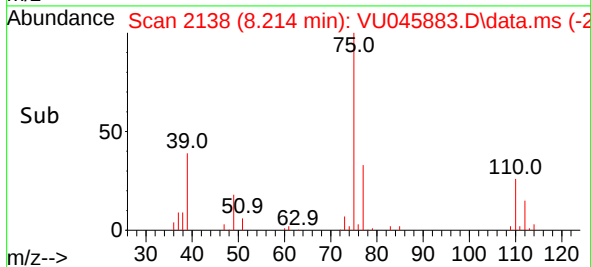
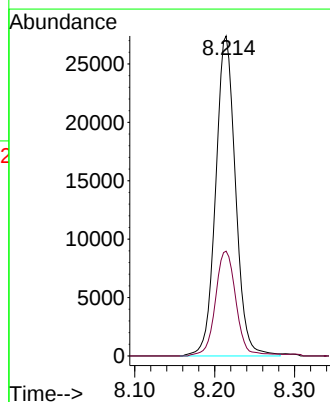
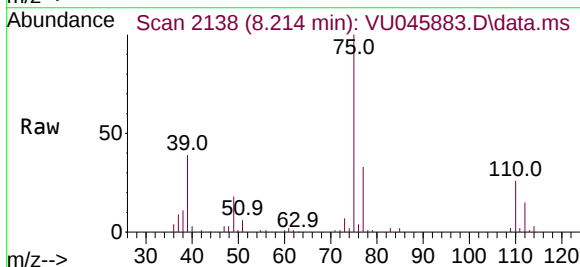
Acq: 19 Nov 2021 09:52

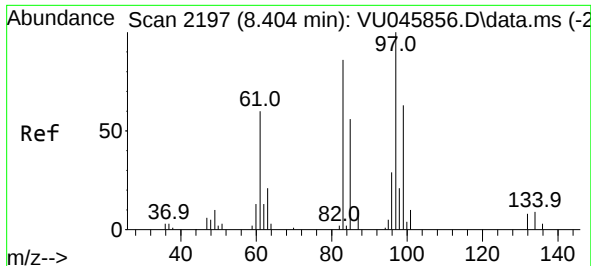
Tgt Ion: 75 Resp: 47103

Ion Ratio Lower Upper

75 100

77 32.8 22.7 42.3

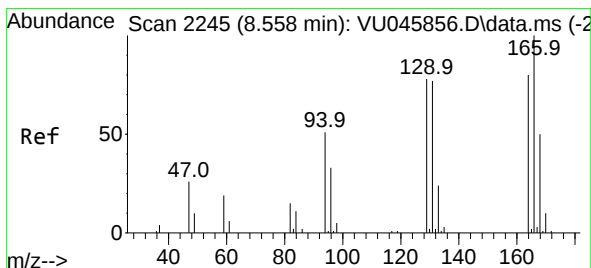
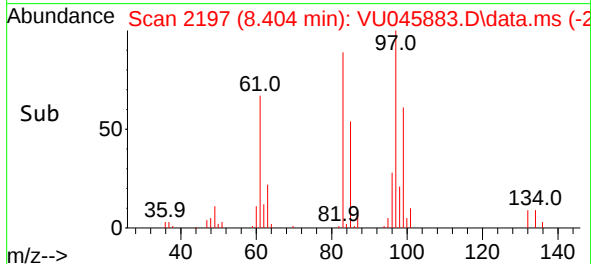
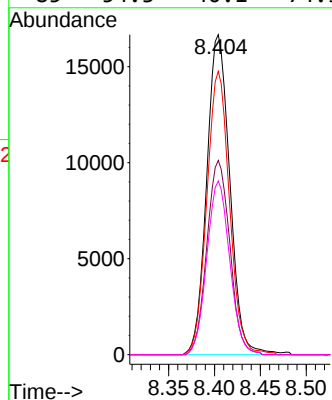
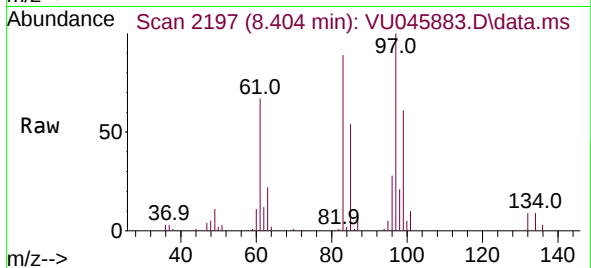




#45
1,1,2-Trichloroethane
Concen: 5.251 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. 0.000 min
Lab File: VU045883.D
Acq: 19 Nov 2021 09:52

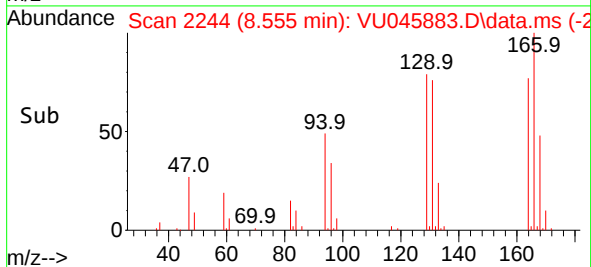
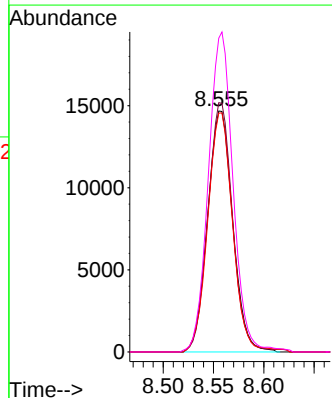
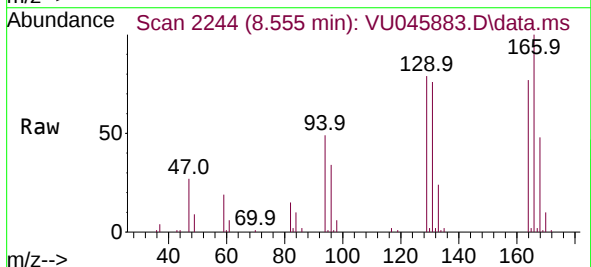
Instrument :
MSVOA_U
ClientSampleId :

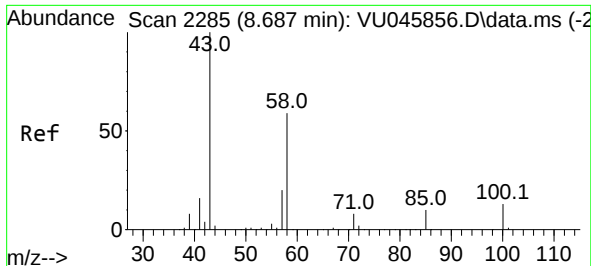
Tgt Ion:	97	Resp:	29172
Ion	Ratio	Lower	Upper
97	100		
99	60.7	42.3	78.5
83	88.6	62.0	115.2
85	54.3	40.1	74.5



#47
Tetrachloroethene
Concen: 5.000 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.003 min
Lab File: VU045883.D
Acq: 19 Nov 2021 09:52

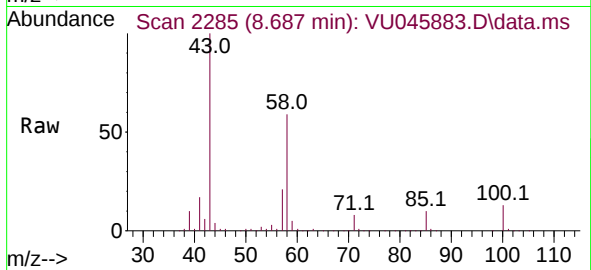
Tgt Ion:	164	Resp:	25650
Ion	Ratio	Lower	Upper
164	100		
129	103.5	71.8	133.4
131	99.2	68.5	127.3
166	130.3	94.1	174.8



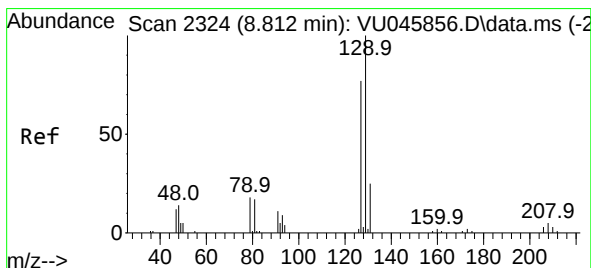
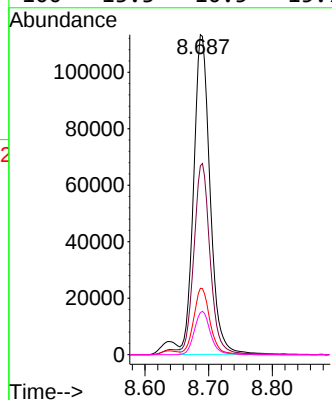
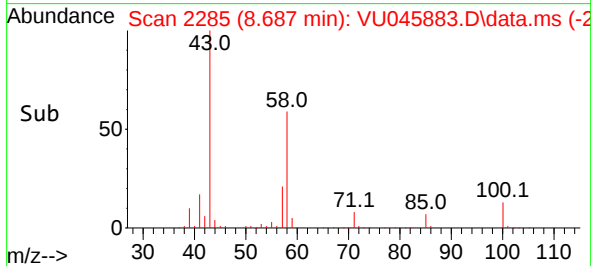


#48
2-Hexanone
Concen: 57.111 ug/L
RT: 8.687 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU045883.D
Acq: 19 Nov 2021 09:52

Instrument :
MSVOA_U
ClientSampleId :

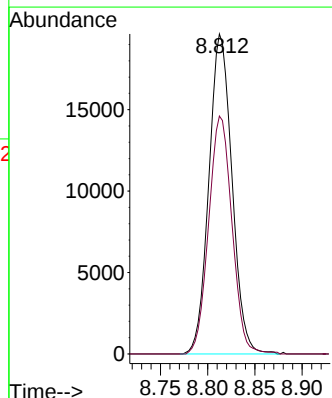
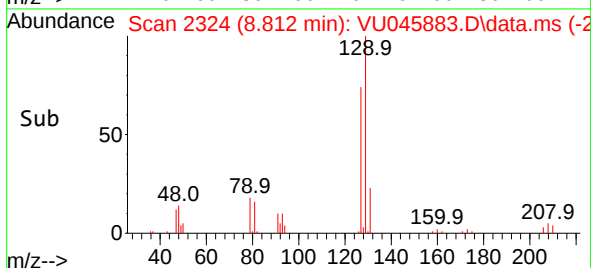
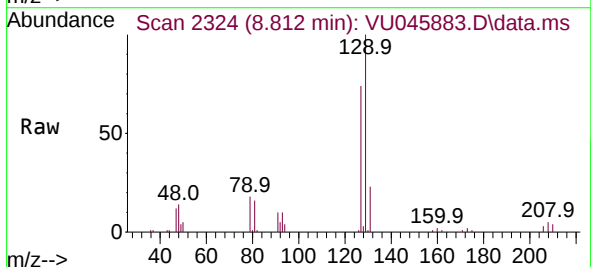


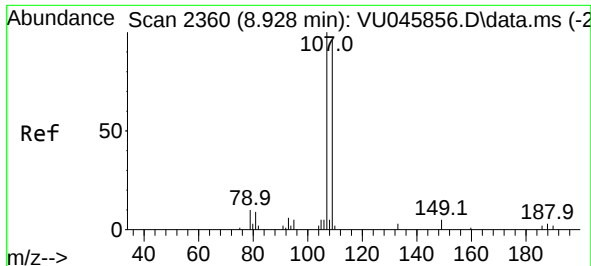
Tgt Ion:	43	58	57	100
Ratio	100	59.7	20.9	13.3
Lower		46.7	16.3	10.5
Upper		70.1	24.5	15.7



#49
Dibromochloromethane
Concen: 5.273 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU045883.D
Acq: 19 Nov 2021 09:52

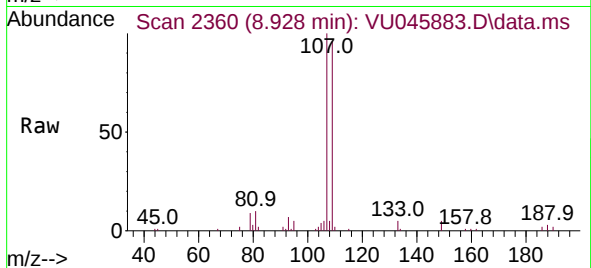
Tgt Ion:	129	127
Ratio	100	74.4
Lower		55.4
Upper		102.8



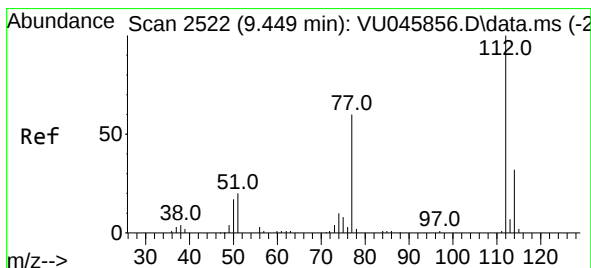
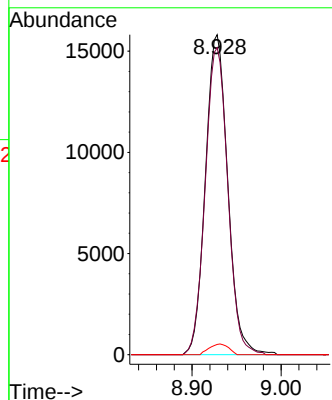
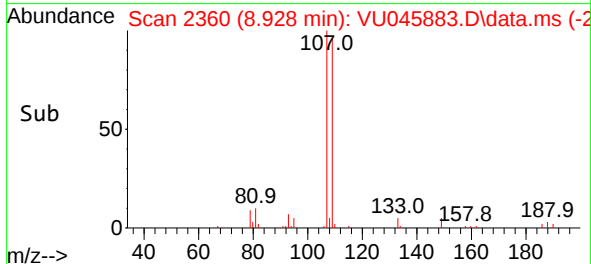


#50
1,2-Dibromoethane
Concen: 5.268 ug/L
RT: 8.928 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU045883.D
Acq: 19 Nov 2021 09:52

Instrument :
MSVOA_U
ClientSampleId :

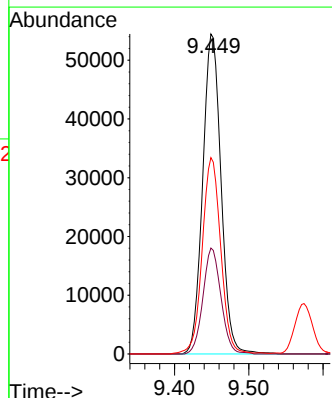
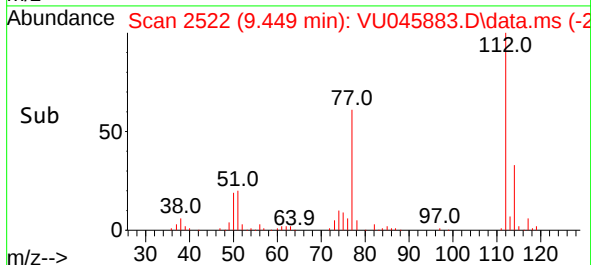
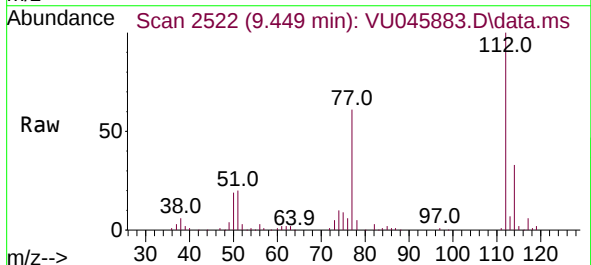


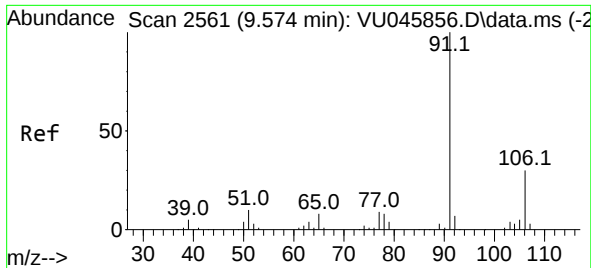
Tgt Ion:107 Resp: 27573
Ion Ratio Lower Upper
107 100
109 96.0 64.0 119.0
188 3.2 2.4 3.6



#51
Chlorobenzene
Concen: 5.076 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU045883.D
Acq: 19 Nov 2021 09:52

Tgt Ion:112 Resp: 93456
Ion Ratio Lower Upper
112 100
114 33.1 22.1 41.1
77 61.3 48.3 72.5

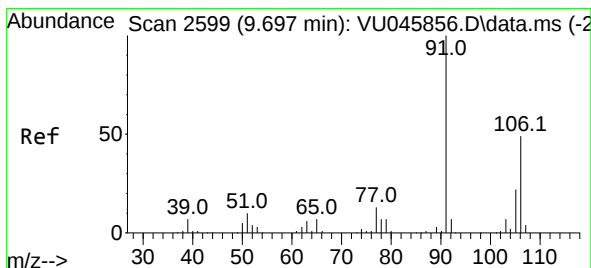
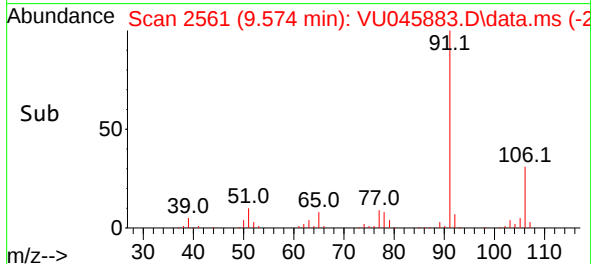
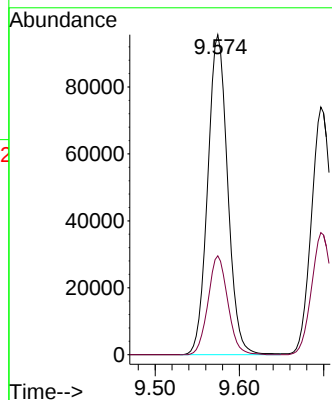
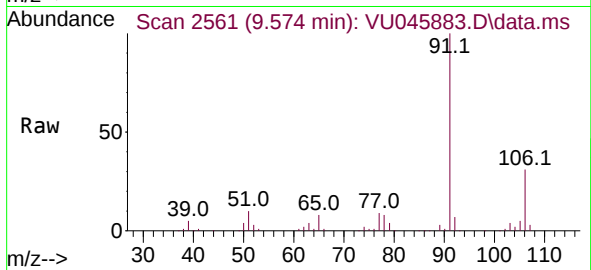




#52
Ethylbenzene
Concen: 5.119 ug/L
RT: 9.574 min Scan# 2561
Delta R.T. 0.000 min
Lab File: VU045883.D
Acq: 19 Nov 2021 09:52

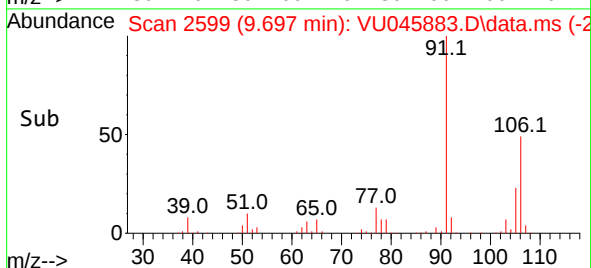
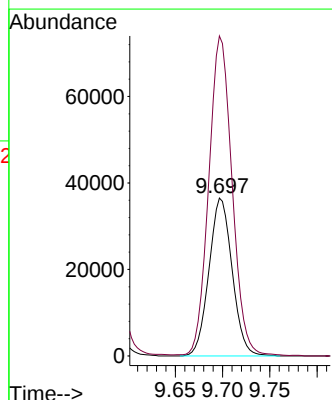
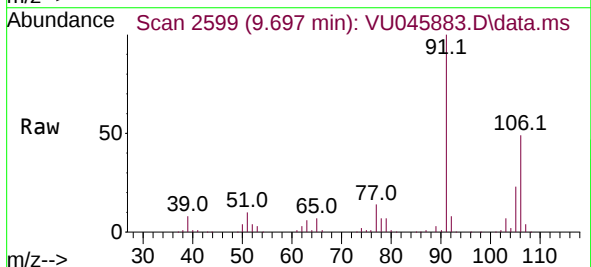
Instrument :
MSVOA_U
ClientSampleId :

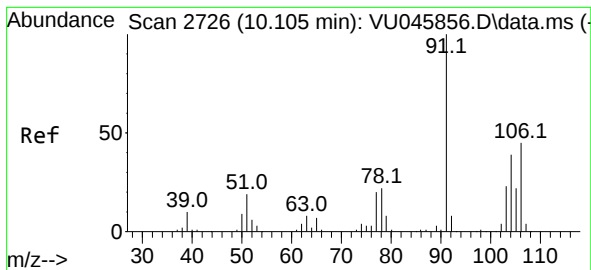
Tgt Ion: 91 Resp: 157267
Ion Ratio Lower Upper
91 100
106 30.9 21.5 39.9



#53
m,p-Xylene
Concen: 5.292 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU045883.D
Acq: 19 Nov 2021 09:52

Tgt Ion: 106 Resp: 62277
Ion Ratio Lower Upper
106 100
91 202.7 139.4 259.0





#54

o-Xylene

Concen: 5.224 ug/L

RT: 10.105 min Scan# 2726

Delta R.T. 0.000 min

Lab File: VU045883.D

Acq: 19 Nov 2021 09:52

Instrument :

MSVOA_U

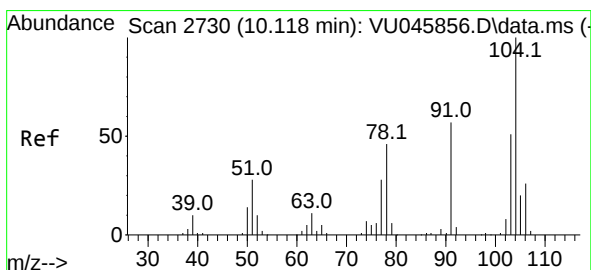
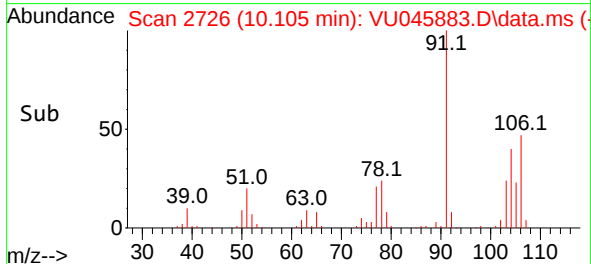
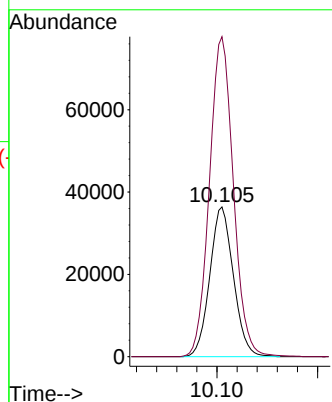
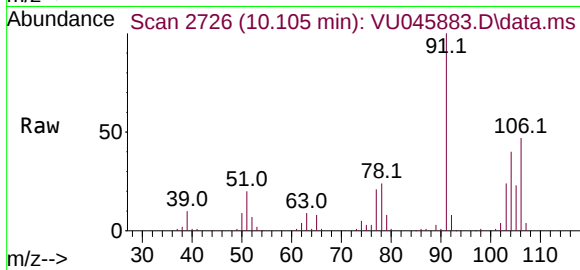
ClientSampleId :

Tgt Ion:106 Resp: 59328

Ion Ratio Lower Upper

106 100

91 213.6 147.5 273.9



#55

Styrene

Concen: 5.471 ug/L

RT: 10.118 min Scan# 2730

Delta R.T. 0.000 min

Lab File: VU045883.D

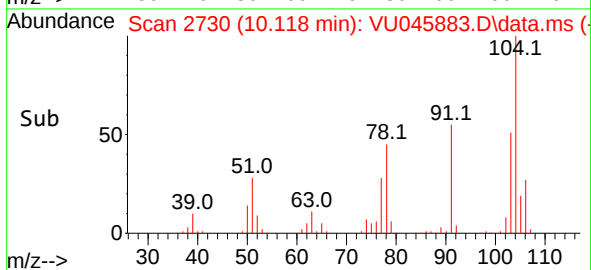
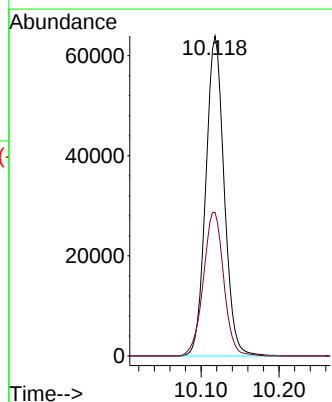
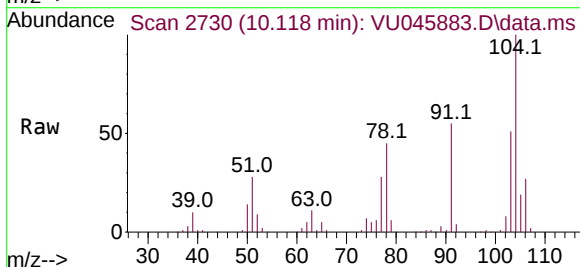
Acq: 19 Nov 2021 09:52

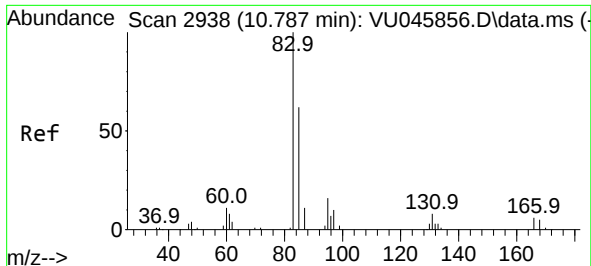
Tgt Ion:104 Resp: 104592

Ion Ratio Lower Upper

104 100

78 44.9 33.0 61.4





#57

1,1,2,2-Tetrachloroethane

Concen: 5.357 ug/L

RT: 10.787 min Scan# 2938

Delta R.T. 0.000 min

Lab File: VU045883.D

Acq: 19 Nov 2021 09:52

Instrument :

MSVOA_U

ClientSampleId :

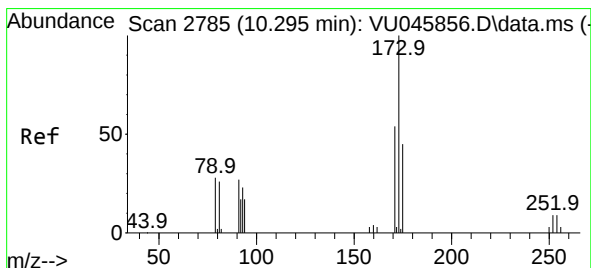
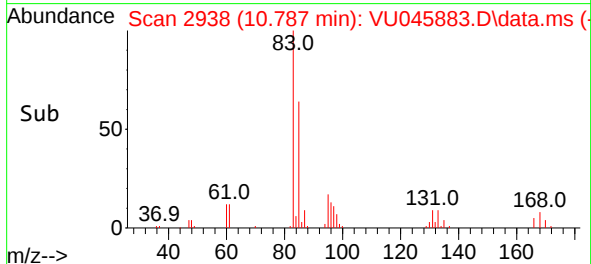
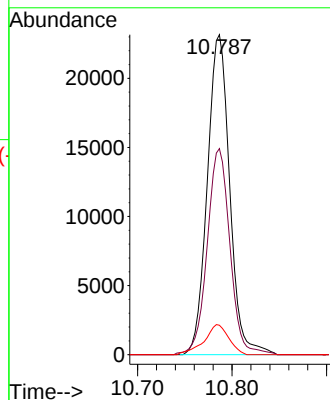
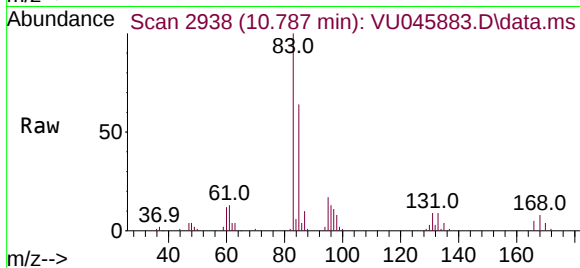
Tgt Ion: 83 Resp: 38113

Ion Ratio Lower Upper

83 100

85 64.4 47.9 89.1

131 9.2 8.1 12.1



#59

Bromoform

Concen: 5.234 ug/L

RT: 10.295 min Scan# 2785

Delta R.T. 0.000 min

Lab File: VU045883.D

Acq: 19 Nov 2021 09:52

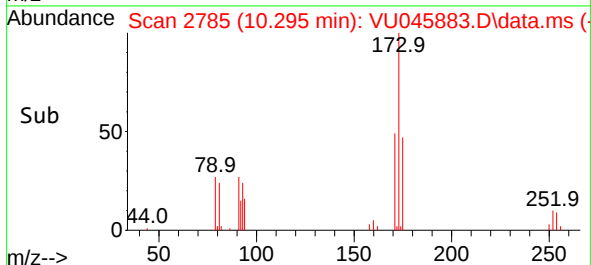
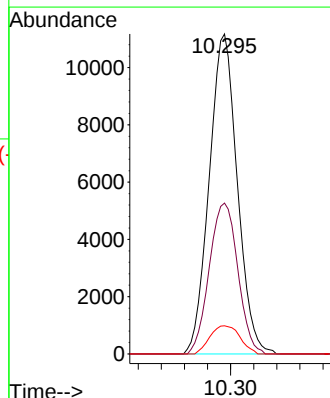
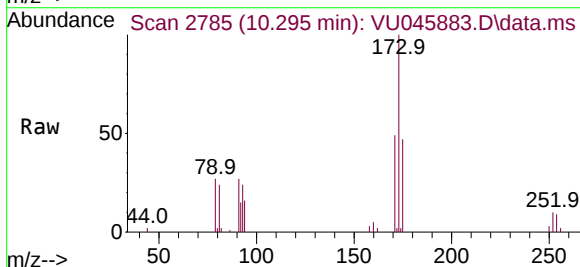
Tgt Ion:173 Resp: 18847

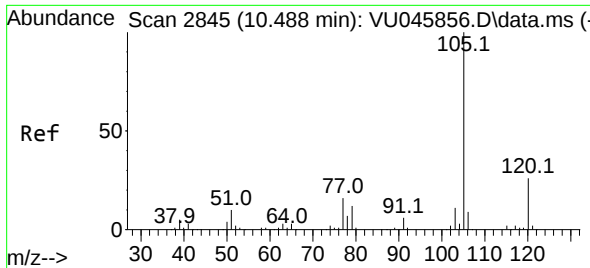
Ion Ratio Lower Upper

173 100

175 47.9 37.8 56.6

254 9.4 7.3 10.9

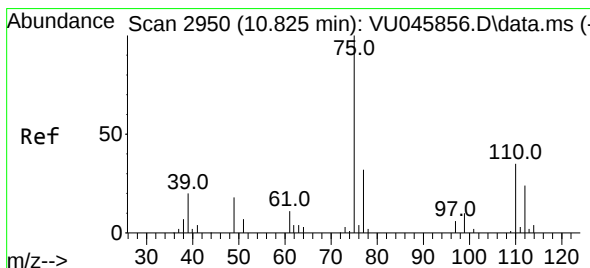
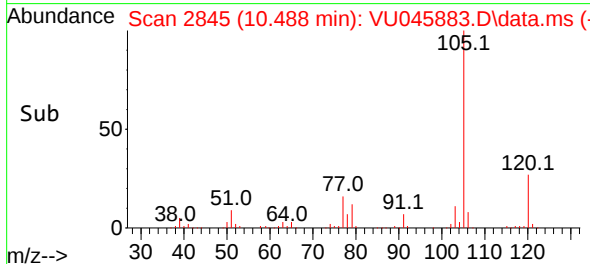
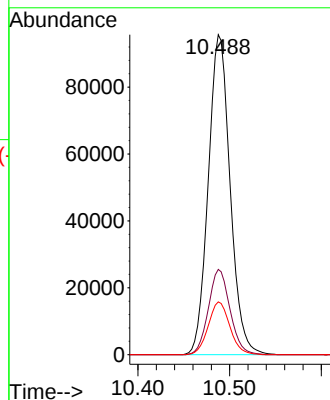
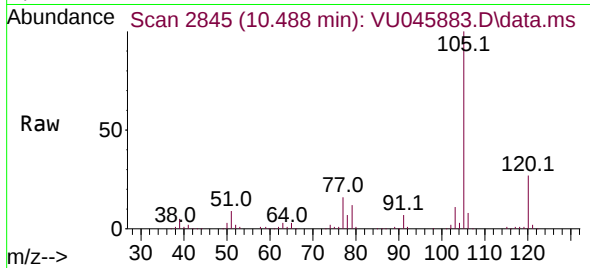




#60
Isopropylbenzene
Concen: 4.962 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. 0.000 min
Lab File: VU045883.D
Acq: 19 Nov 2021 09:52

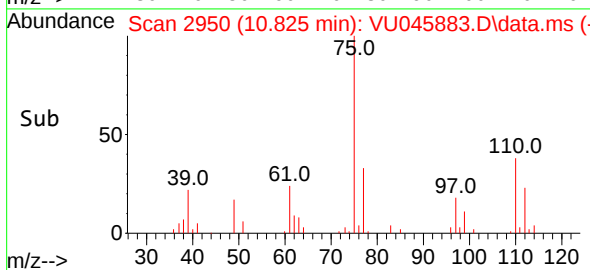
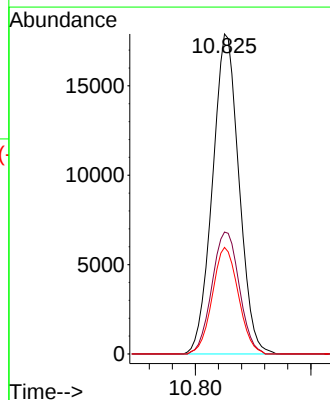
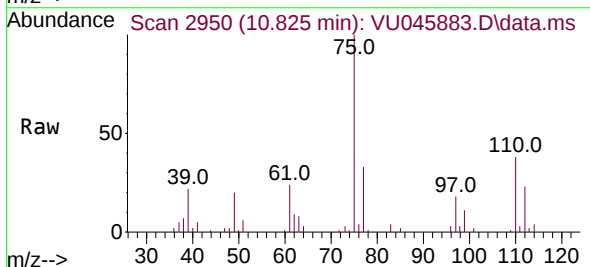
Instrument :
MSVOA_U
ClientSampleId :

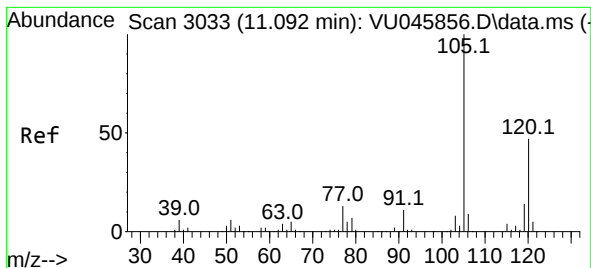
Tgt Ion:105 Resp: 158393
Ion Ratio Lower Upper
105 100
120 26.4 20.7 31.1
77 16.3 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 5.047 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU045883.D
Acq: 19 Nov 2021 09:52

Tgt Ion: 75 Resp: 28487
Ion Ratio Lower Upper
75 100
110 39.3 29.9 44.9
77 32.8 25.5 38.3





#62

1,3,5-Trimethylbenzene

Concen: 5.005 ug/L

RT: 11.092 min Scan# 3033

Delta R.T. 0.000 min

Lab File: VU045883.D

Acq: 19 Nov 2021 09:52

Instrument :

MSVOA_U

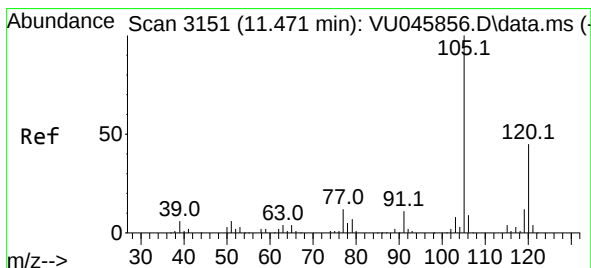
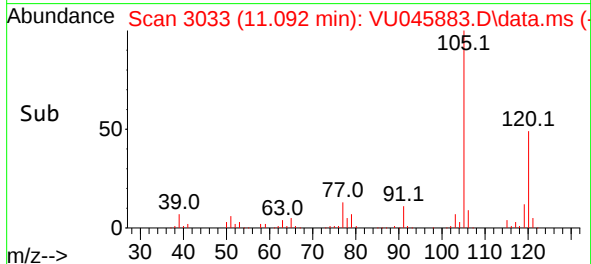
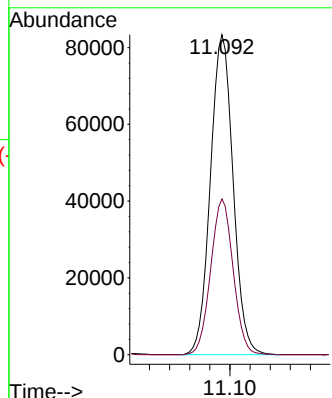
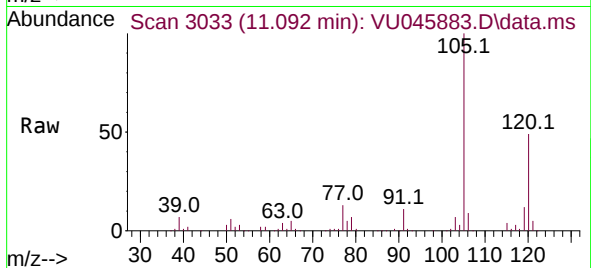
ClientSampleId :

Tgt Ion:105 Resp: 130626

Ion Ratio Lower Upper

105 100

120 48.1 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 5.052 ug/L

RT: 11.471 min Scan# 3151

Delta R.T. 0.000 min

Lab File: VU045883.D

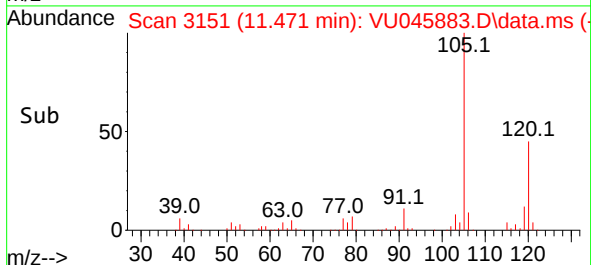
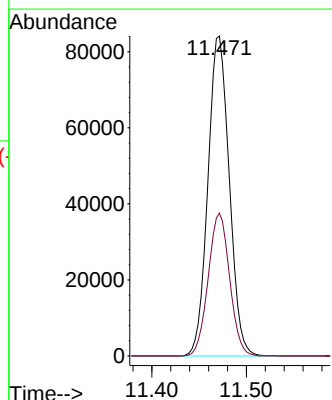
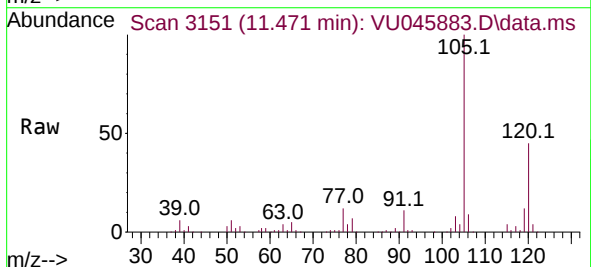
Acq: 19 Nov 2021 09:52

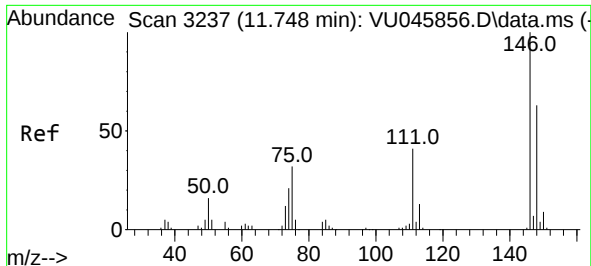
Tgt Ion:105 Resp: 132095

Ion Ratio Lower Upper

105 100

120 44.7 35.8 53.8

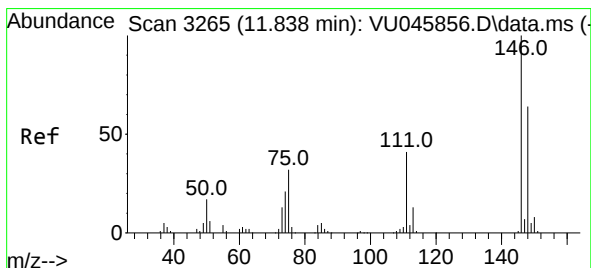
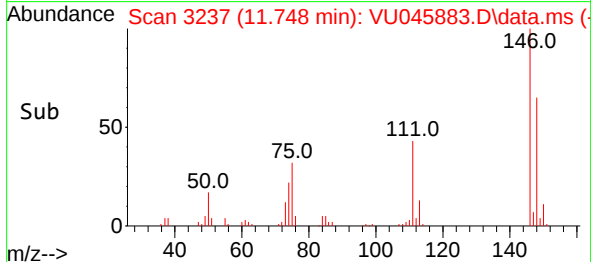
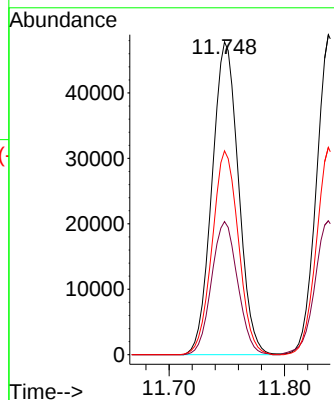
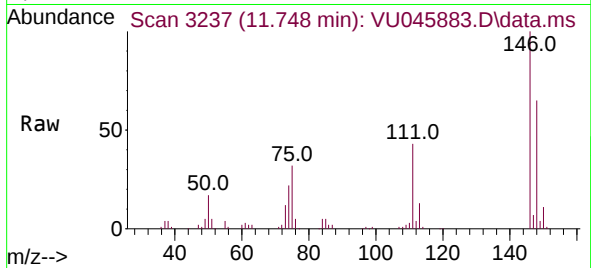




#64
1,3-Dichlorobenzene
Concen: 5.117 ug/L
RT: 11.748 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU045883.D
Acq: 19 Nov 2021 09:52

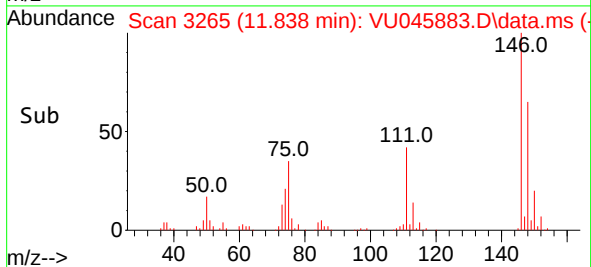
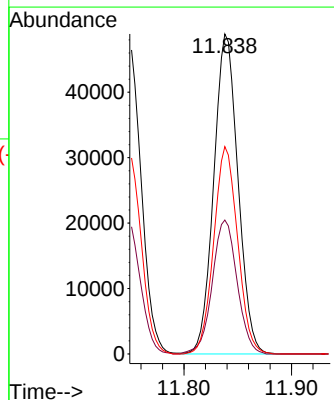
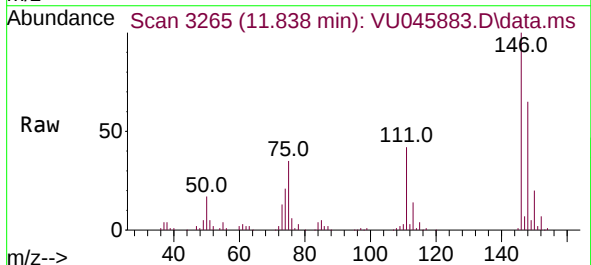
Instrument :
MSVOA_U
ClientSampleId :

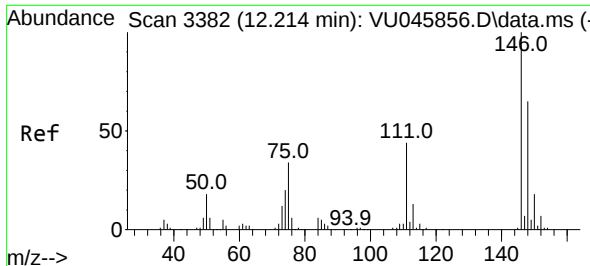
Tgt Ion:146 Resp: 76198
Ion Ratio Lower Upper
146 100
111 42.6 29.9 55.5
148 65.1 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 5.061 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU045883.D
Acq: 19 Nov 2021 09:52

Tgt Ion:146 Resp: 76562
Ion Ratio Lower Upper
146 100
111 41.9 28.7 53.3
148 64.8 45.8 85.0

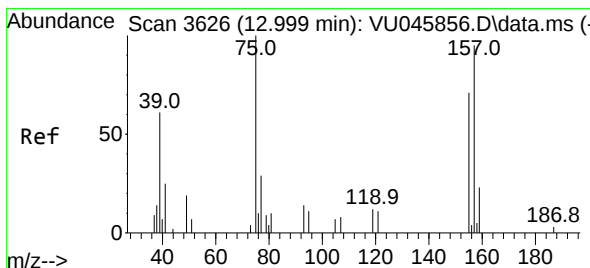
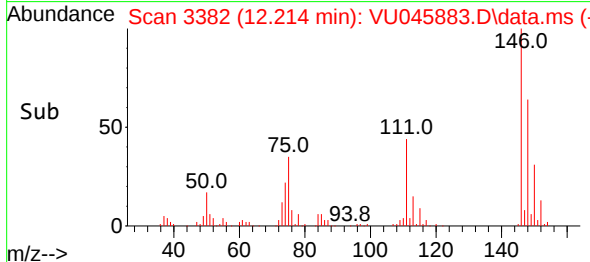
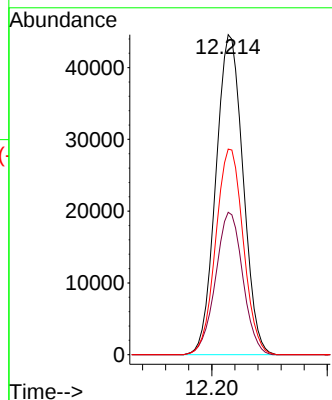
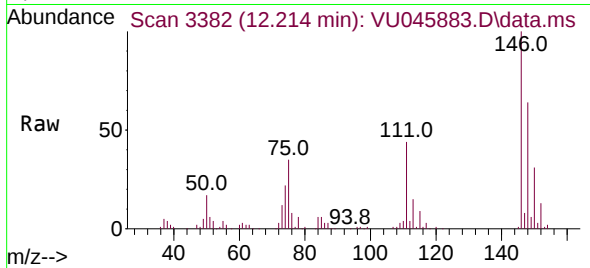




#67
 1,2-Dichlorobenzene
 Concen: 5.099 ug/L
 RT: 12.214 min Scan# 3382
 Delta R.T. 0.000 min
 Lab File: VU045883.D
 Acq: 19 Nov 2021 09:52

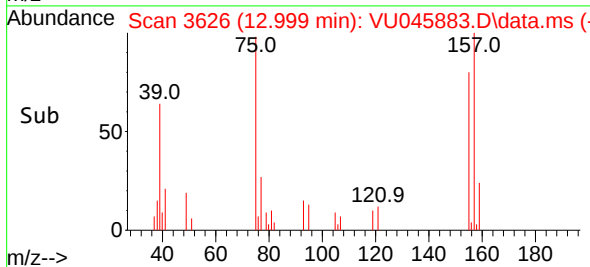
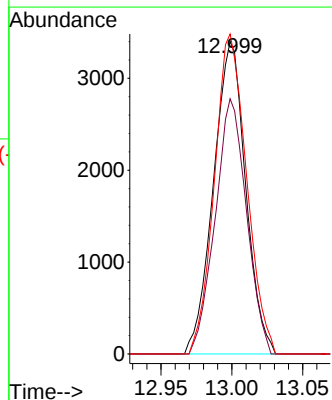
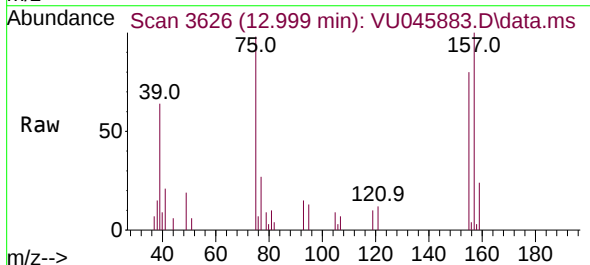
Instrument :
 MSVOA_U
 ClientSampleId :

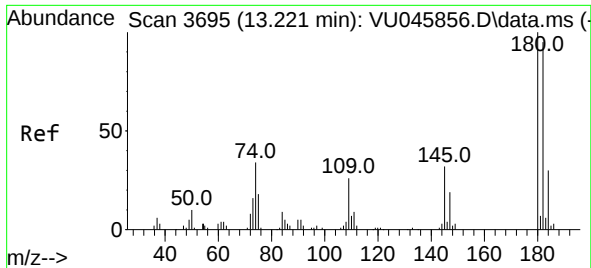
Tgt Ion:146 Resp: 72800
 Ion Ratio Lower Upper
 146 100
 111 44.5 35.4 53.0
 148 64.3 51.1 76.7



#68
 1,2-Dibromo-3-chloropropane
 Concen: 4.571 ug/L
 RT: 12.999 min Scan# 3626
 Delta R.T. 0.000 min
 Lab File: VU045883.D
 Acq: 19 Nov 2021 09:52

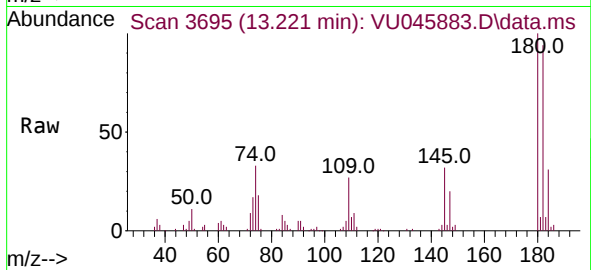
Tgt Ion: 75 Resp: 5368
 Ion Ratio Lower Upper
 75 100
 155 81.6 59.2 88.8
 157 102.4 76.5 114.7



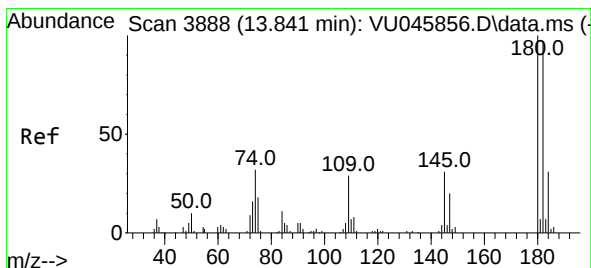
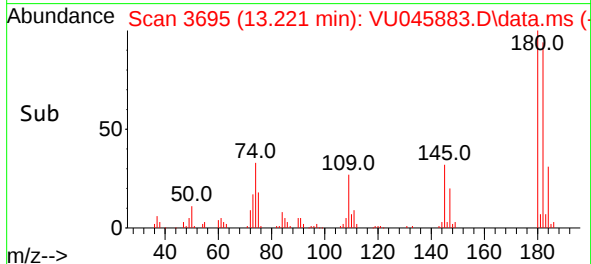
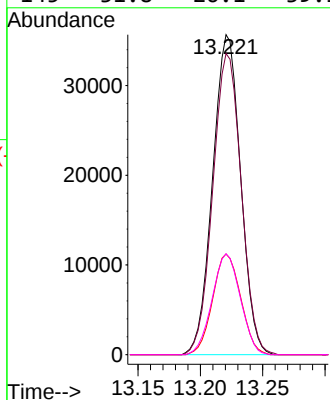


#69
 1,3,5-Trichlorobenzene
 Concen: 4.996 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. 0.000 min
 Lab File: VU045883.D
 Acq: 19 Nov 2021 09:52

Instrument :
 MSVOA_U
 ClientSampleId :

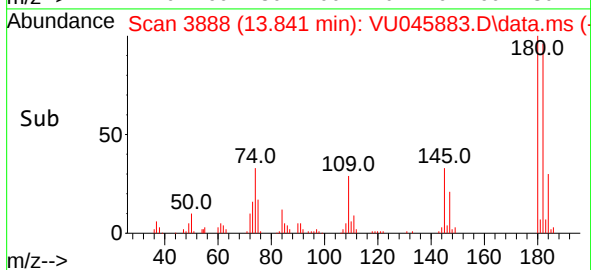
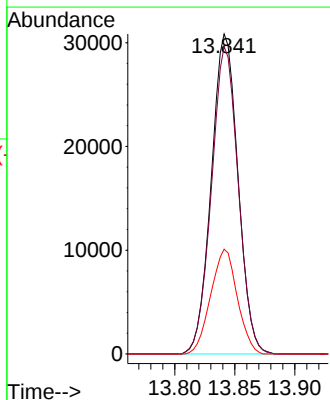
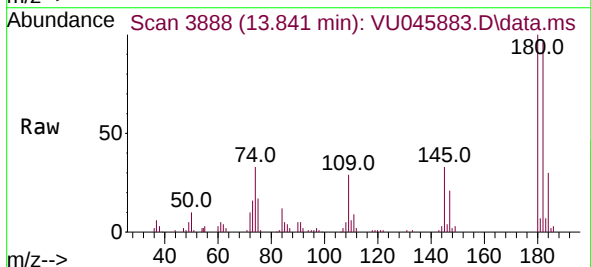


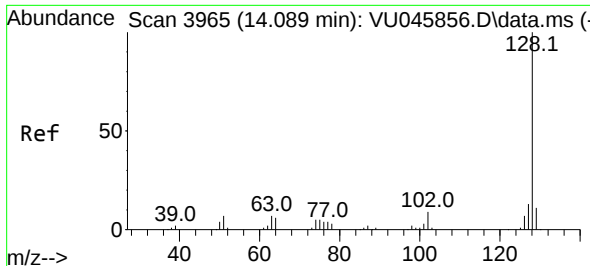
Tgt Ion:180 Resp: 55653
 Ion Ratio Lower Upper
 180 100
 182 95.6 76.1 114.1
 184 31.6 25.0 37.4
 145 31.8 26.1 39.1



#70
 1,2,4-trichlorobenzene
 Concen: 5.052 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU045883.D
 Acq: 19 Nov 2021 09:52

Tgt Ion:180 Resp: 47616
 Ion Ratio Lower Upper
 180 100
 182 96.2 76.4 114.6
 145 32.6 25.6 38.4

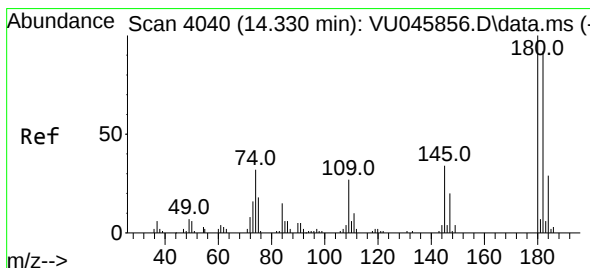
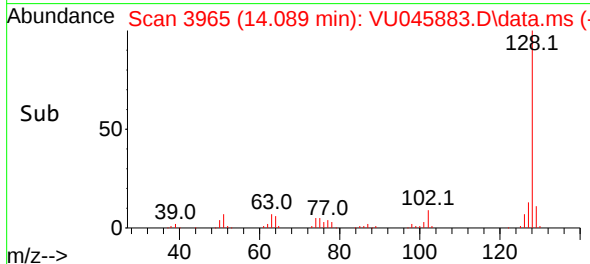
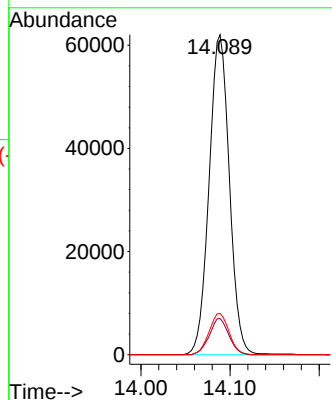
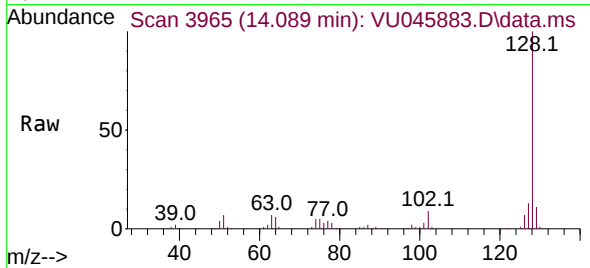




#71
Naphthalene
Concen: 5.054 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. 0.000 min
Lab File: VU045883.D
Acq: 19 Nov 2021 09:52

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 97878
Ion Ratio Lower Upper
128 100
129 10.9 8.4 12.6
127 12.7 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 5.078 ug/L
RT: 14.333 min Scan# 4041
Delta R.T. 0.003 min
Lab File: VU045883.D
Acq: 19 Nov 2021 09:52

Tgt Ion:180 Resp: 47623
Ion Ratio Lower Upper
180 100
182 95.8 76.2 114.4
145 33.8 28.4 42.6

