

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111821\
 Data File : VU045879.D
 Acq On : 18 Nov 2021 19:32
 Operator : SY/MD
 Sample : M4664-03MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 19 00:56:15 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	92546	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	95731	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	51008	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	30337	4.137	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.800%
7) Chloroethane-d5	1.916	69	24540	4.598	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.000%
11) 1,1-Dichloroethene-d2	2.568	65	13170	4.282	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.600%
20) 2-Butanone-d5	4.642	46	101570	51.691	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.380%
24) Chloroform-d	5.067	84	56875	4.656	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
26) 1,2-Dichloroethane-d4	5.707	65	32926	4.594	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.800%
32) Benzene-d6	5.732	84	112057	4.251	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.000%
36) 1,2-Dichloropropane-d6	6.694	67	36571	4.402	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.000%
41) Toluene-d8	7.899	98	102283	4.289	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.800%
43) trans-1,3-Dichloroprop...	8.182	79	14634	4.339	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.800%
46) 2-Hexanone-d5	8.636	63	72318	47.636	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.280%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	34273	4.883	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.600%
66) 1,2-Dichlorobenzene-d4	12.195	152	39074	4.461	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	33810	4.487	ug/L	99
3) Chloromethane	1.520	50	33177	4.155	ug/L	99
5) Vinyl chloride	1.604	62	158228	19.742	ug/L	100
6) Bromomethane	1.861	94	13496	2.839	ug/L	97
8) Chloroethane	1.938	64	24161	5.287	ug/L	100
9) Trichlorofluoromethane	2.141	101	49044	4.740	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	28625	4.718	ug/L	98
12) 1,1-Dichloroethene	2.584	96	27268	4.760	ug/L	83
13) Acetone	2.655	43	59591	51.525	ug/L	99
14) Carbon disulfide	2.797	76	83045	4.583	ug/L	99
15) Methyl Acetate	2.957	43	14056	4.953	ug/L	96
16) Methylene chloride	3.051	84	31285	3.699	ug/L	98
17) Methyl tert-butyl Ether	3.369	73	221766	14.870	ug/L	99
18) trans-1,2-Dichloroethene	3.356	96	43772	7.128	ug/L	97
19) 1,1-Dichloroethane	3.874	63	64016	5.565	ug/L	99
21) 2-Butanone	4.723	43	102013	52.424	ug/L	99
22) cis-1,2-Dichloroethene	4.671	96	44829	6.733	ug/L	99
23) Bromochloromethane	4.980	128	15038	5.182	ug/L	97
25) Chloroform	5.092	83	60785	4.870	ug/L	98

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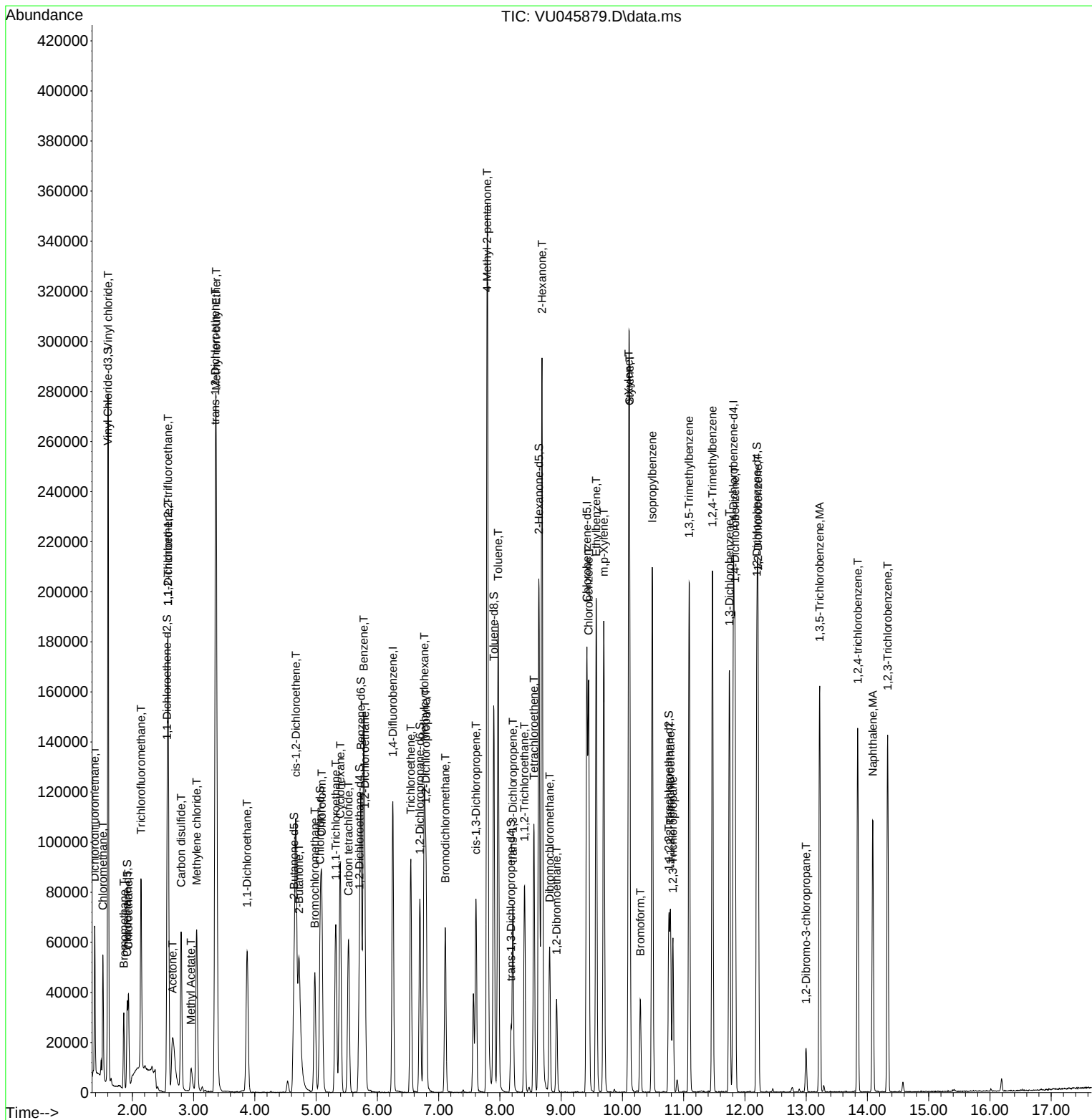
Instrument :
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 ClientSampleId :

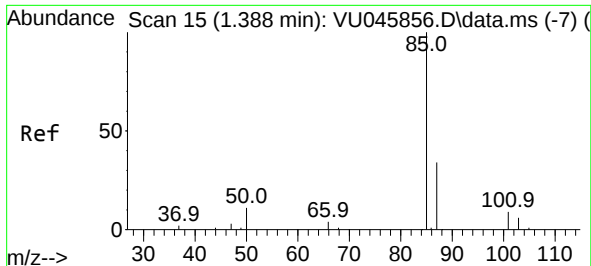
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	38977	4.894	ug/L	98
29) 1,1,1-Trichloroethane	5.321	97	49907	4.798	ug/L	99
30) Cyclohexane	5.395	56	45095	4.371	ug/L	98
31) Carbon tetrachloride	5.530	117	42330	4.840	ug/L	97
33) Benzene	5.777	78	131373	4.918	ug/L	100
34) Trichloroethene	6.546	95	32385	4.704	ug/L	97
35) Methylcyclohexane	6.768	83	44872	4.244	ug/L	100
37) 1,2-Dichloropropane	6.793	63	33855	4.816	ug/L	100
38) Bromodichloromethane	7.108	83	42632	4.915	ug/L	98
39) cis-1,3-Dichloropropene	7.610	75	47350	4.740	ug/L	100
40) 4-Methyl-2-pentanone	7.793	43	234327	50.817	ug/L	99
42) Toluene	7.973	91	137749	4.995	ug/L	99
44) trans-1,3-Dichloropropene	8.214	75	42823	4.927	ug/L	93
45) 1,1,2-Trichloroethane	8.401	97	26278	5.035	ug/L	95
47) Tetrachloroethene	8.555	164	23671	4.911	ug/L	94
48) 2-Hexanone	8.687	43	177887	53.400	ug/L	100
49) Dibromochloromethane	8.812	129	29496	4.962	ug/L	100
50) 1,2-Dibromoethane	8.925	107	23938	4.868	ug/L	95
51) Chlorobenzene	9.449	112	84842	4.905	ug/L	100
52) Ethylbenzene	9.575	91	138810	4.809	ug/L	100
53) m,p-Xylene	9.697	106	54228	4.905	ug/L	94
54) o-Xylene	10.102	106	52836	4.952	ug/L	93
55) Styrene	10.118	104	93449	5.203	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.783	83	34421	5.149	ug/L	93
59) Bromoform	10.295	173	15804	4.678	ug/L	97
60) Isopropylbenzene	10.488	105	141055	4.710	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	25642	4.843	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	113099	4.619	ug/L	99
63) 1,2,4-Trimethylbenzene	11.472	105	114959	4.686	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	68137	4.877	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	68932	4.857	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	65758	4.909	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.996	75	4809	4.365	ug/L	96
69) 1,3,5-Trichlorobenzene	13.221	180	47359	4.532	ug/L	97
70) 1,2,4-trichlorobenzene	13.841	180	41532	4.697	ug/L	99
71) Naphthalene	14.089	128	85108	4.685	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	40789	4.636	ug/L	98

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

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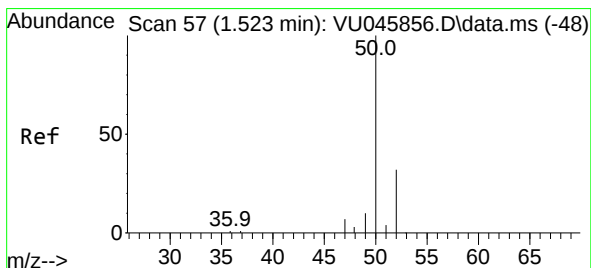
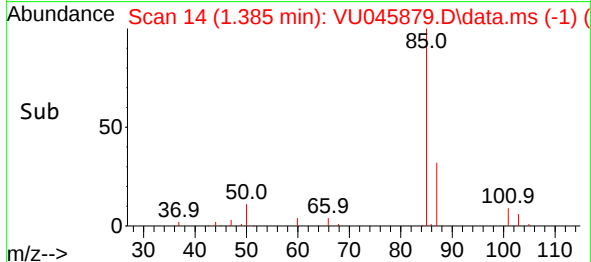
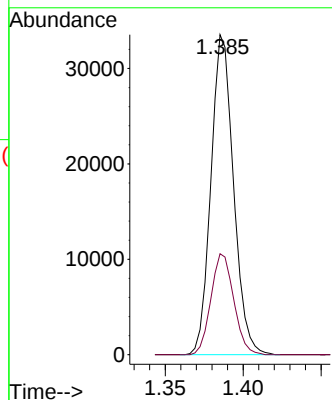
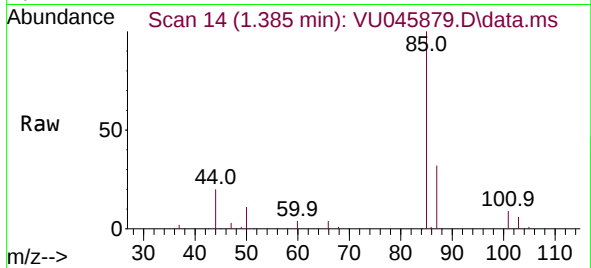




#2
 Dichlorodifluoromethane
 Concen: 4.487 ug/L
 RT: 1.385 min Scan# 14
 Delta R.T. -0.003 min
 Lab File: VU045879.D
 Acq: 18 Nov 2021 19:32

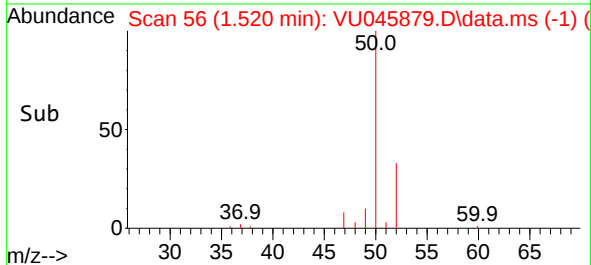
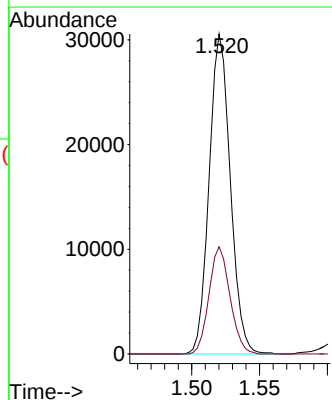
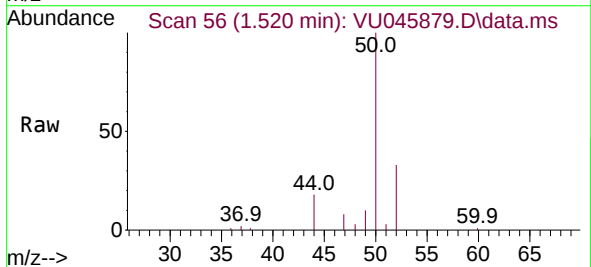
Instrument :
 MSVOA_U
 ClientSampleId :

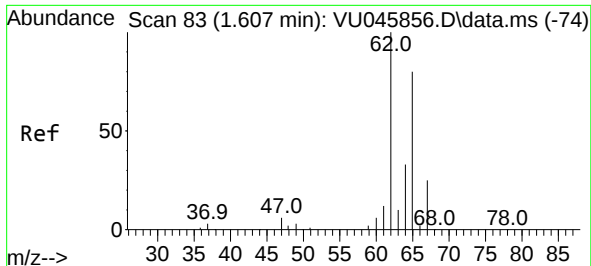
Tgt Ion: 85 Resp: 33810
 Ion Ratio Lower Upper
 85 100
 87 31.9 25.8 38.6



#3
 Chloromethane
 Concen: 4.155 ug/L
 RT: 1.520 min Scan# 56
 Delta R.T. -0.003 min
 Lab File: VU045879.D
 Acq: 18 Nov 2021 19:32

Tgt Ion: 50 Resp: 33177
 Ion Ratio Lower Upper
 50 100
 52 33.5 23.0 42.8

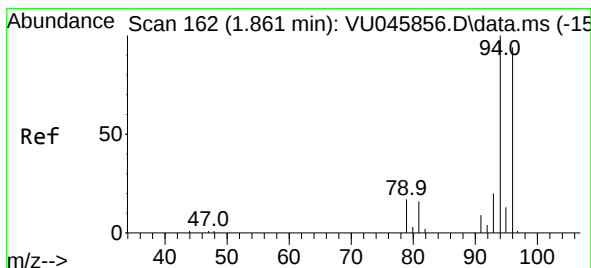
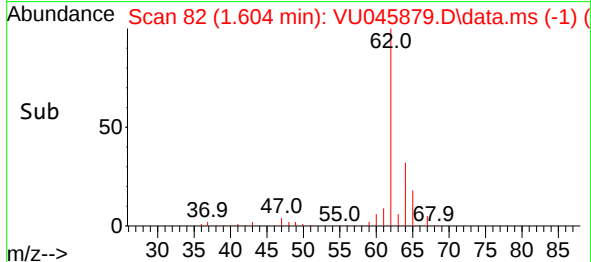
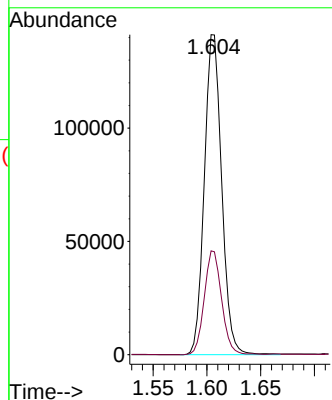
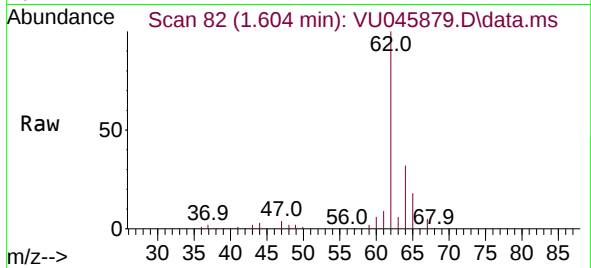




#5
 Vinyl chloride
 Concen: 19.742 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU045879.D
 Acq: 18 Nov 2021 19:32

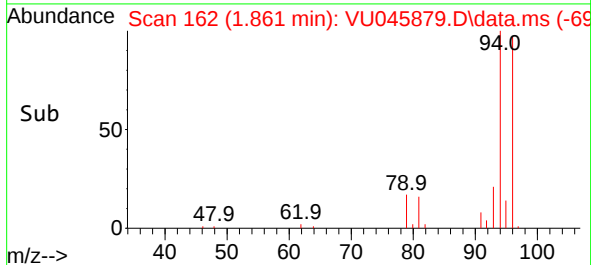
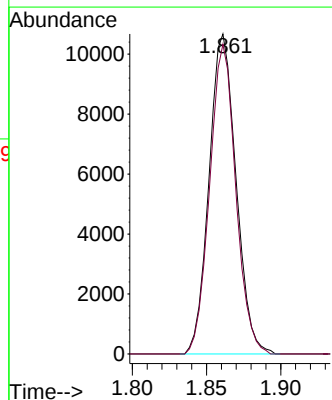
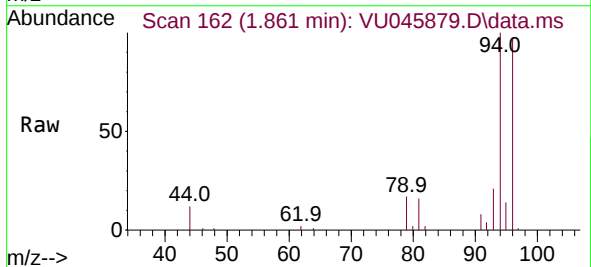
Instrument :
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 ClientSampleId :

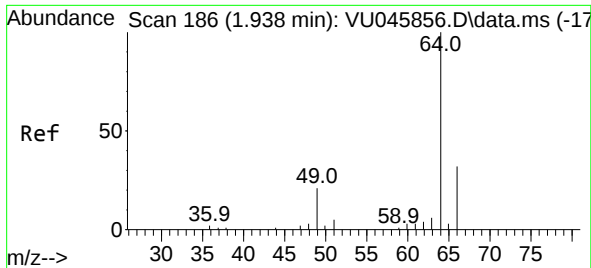
Tgt Ion: 62 Resp: 158228
 Ion Ratio Lower Upper
 62 100
 64 32.4 22.9 42.5



#6
 Bromomethane
 Concen: 2.839 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. 0.000 min
 Lab File: VU045879.D
 Acq: 18 Nov 2021 19:32

Tgt Ion: 94 Resp: 13496
 Ion Ratio Lower Upper
 94 100
 96 96.7 65.5 121.6

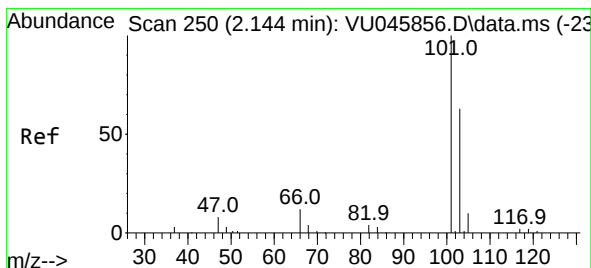
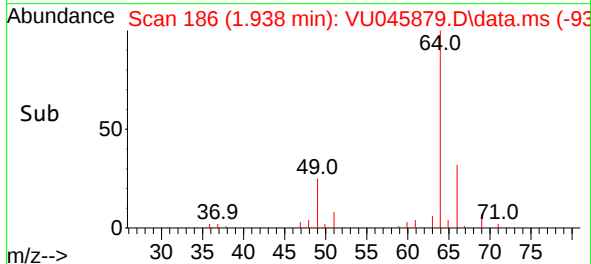
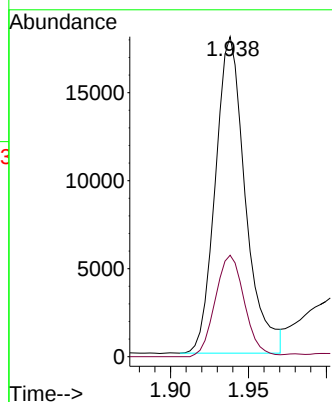
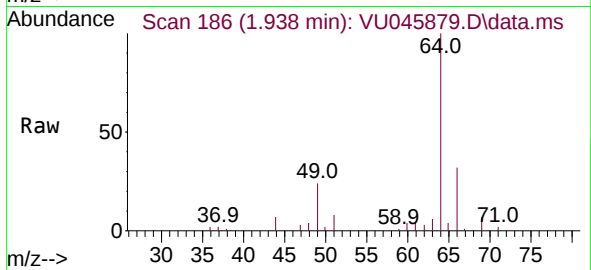




#8
Chloroethane
Concen: 5.287 ug/L
RT: 1.938 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045879.D
Acq: 18 Nov 2021 19:32

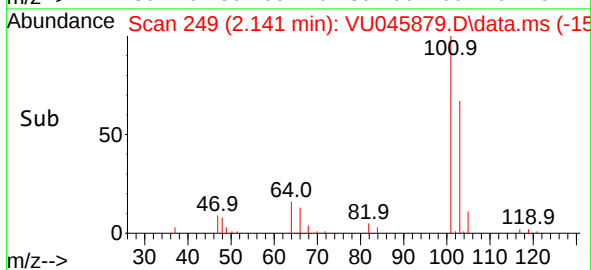
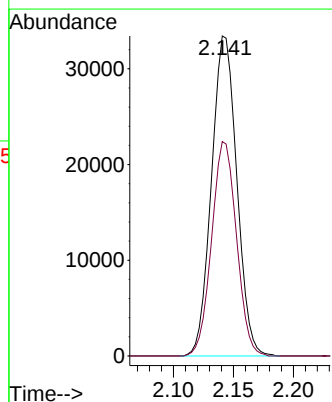
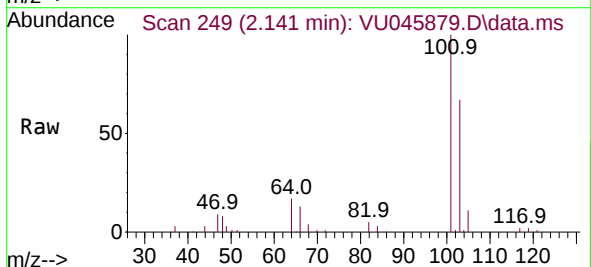
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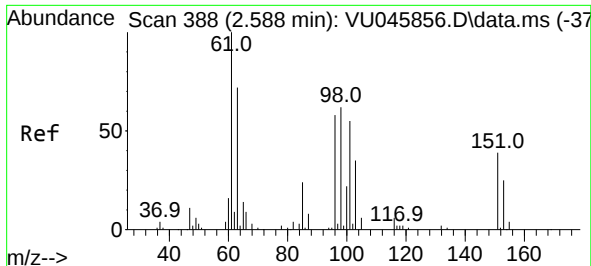
Tgt Ion: 64 Resp: 24161
Ion Ratio Lower Upper
64 100
66 31.7 22.1 41.1



#9
Trichlorofluoromethane
Concen: 4.740 ug/L
RT: 2.141 min Scan# 249
Delta R.T. -0.003 min
Lab File: VU045879.D
Acq: 18 Nov 2021 19:32

Tgt Ion:101 Resp: 49044
Ion Ratio Lower Upper
101 100
103 65.7 51.5 77.3

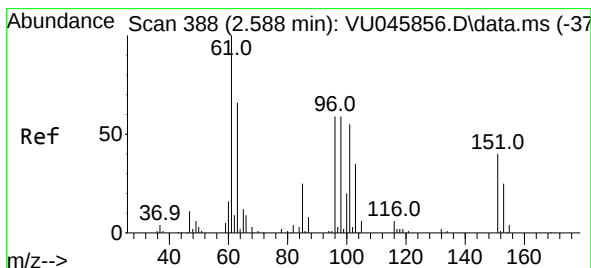
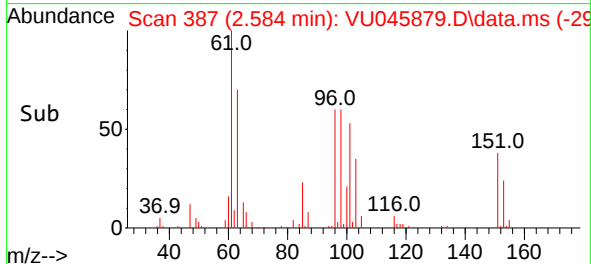
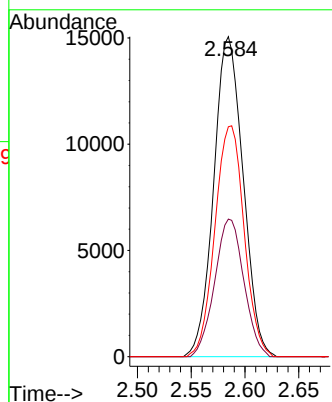
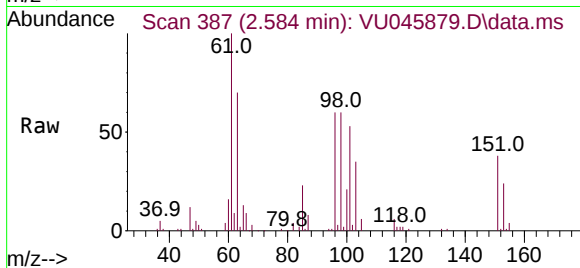




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.718 ug/L
RT: 2.584 min Scan# 387
Delta R.T. -0.003 min
Lab File: VU045879.D
Acq: 18 Nov 2021 19:32

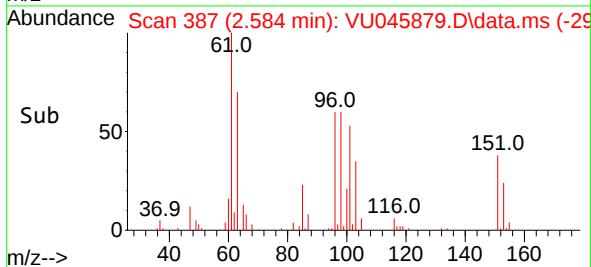
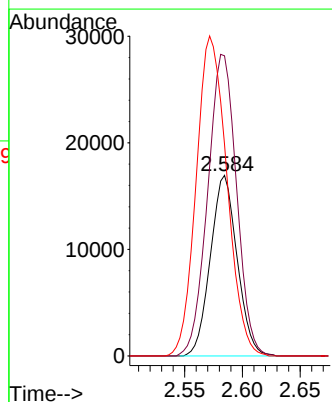
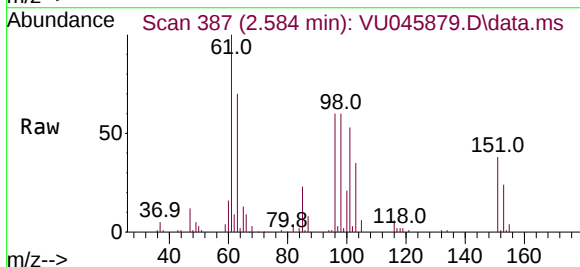
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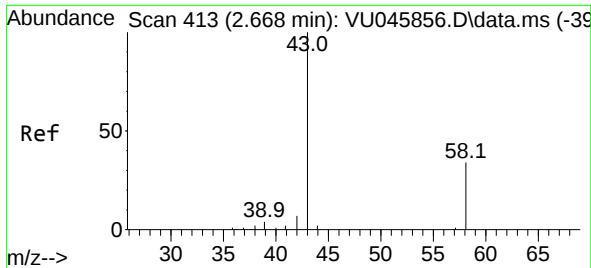
Tgt Ion:101 Resp: 28625
Ion Ratio Lower Upper
101 100
85 42.6 34.6 51.8
151 71.7 56.1 84.1



#12
1,1-Dichloroethene
Concen: 4.760 ug/L
RT: 2.584 min Scan# 387
Delta R.T. -0.003 min
Lab File: VU045879.D
Acq: 18 Nov 2021 19:32

Tgt Ion: 96 Resp: 27268
Ion Ratio Lower Upper
96 100
61 166.2 124.7 231.5
63 117.2 105.2 195.4





#13

Acetone

Concen: 51.525 ug/L

RT: 2.655 min Scan# 409

Delta R.T. -0.013 min

Lab File: VU045879.D

Acq: 18 Nov 2021 19:32

Instrument :

MSVOA_U

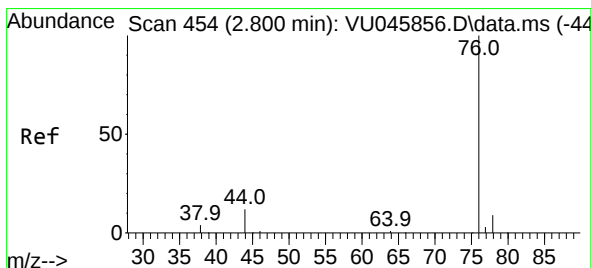
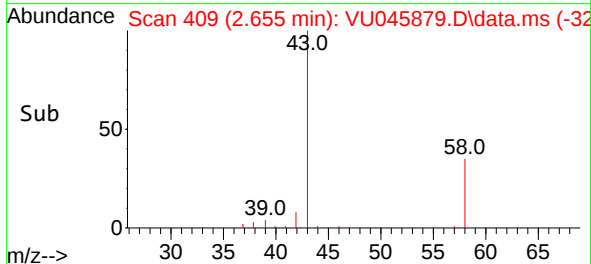
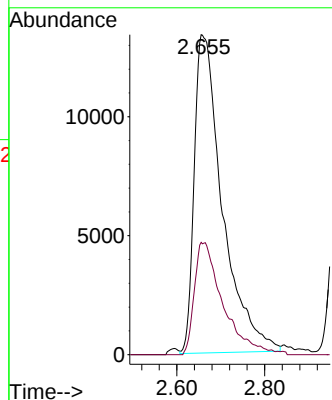
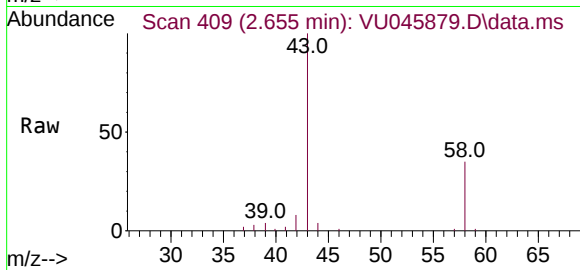
ClientSampleId :

Tgt Ion: 43 Resp: 59591

Ion Ratio Lower Upper

43 100

58 35.4 0.0 71.6



#14

Carbon disulfide

Concen: 4.583 ug/L

RT: 2.797 min Scan# 453

Delta R.T. -0.003 min

Lab File: VU045879.D

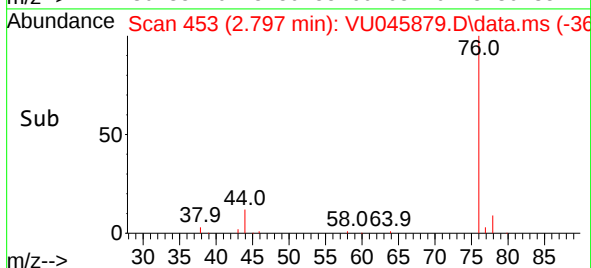
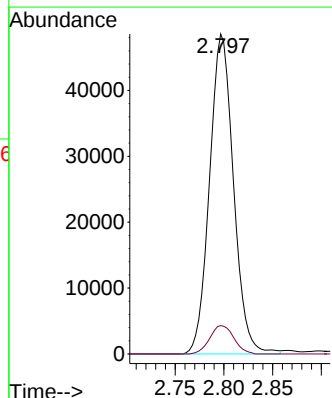
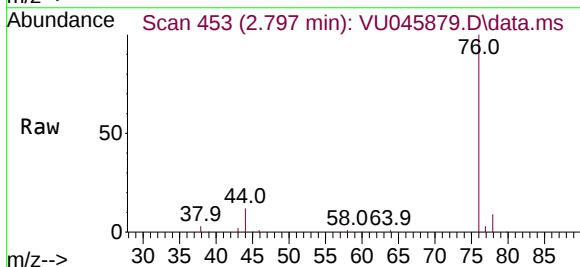
Acq: 18 Nov 2021 19:32

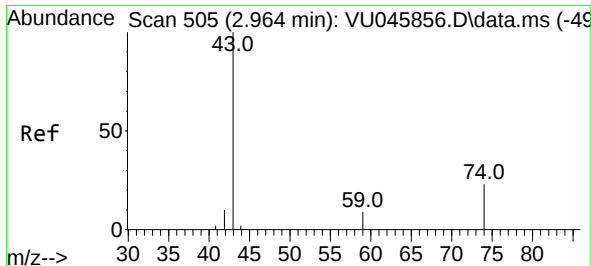
Tgt Ion: 76 Resp: 83045

Ion Ratio Lower Upper

76 100

78 8.9 7.5 11.3

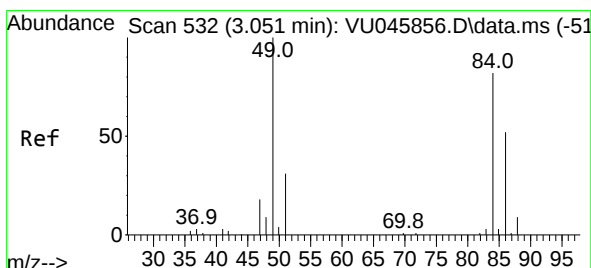
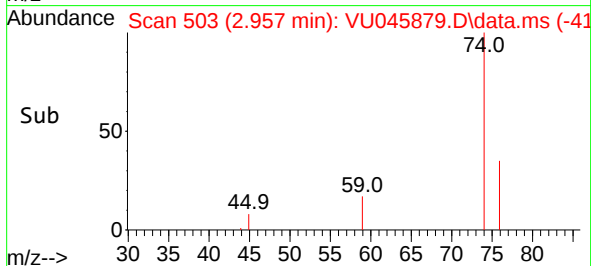
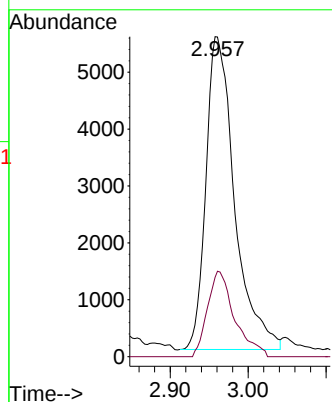
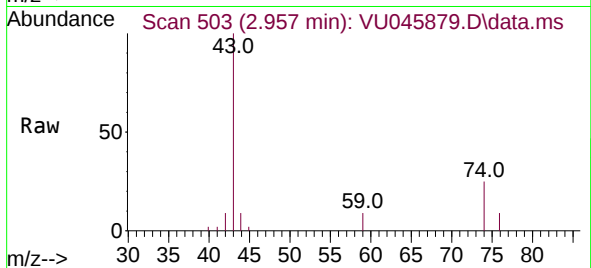




#15
Methyl Acetate
Concen: 4.953 ug/L
RT: 2.957 min Scan# 505
Delta R.T. -0.006 min
Lab File: VU045879.D
Acq: 18 Nov 2021 19:32

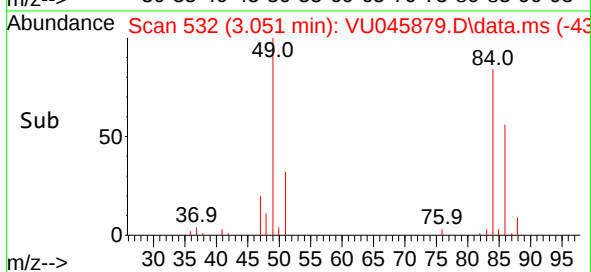
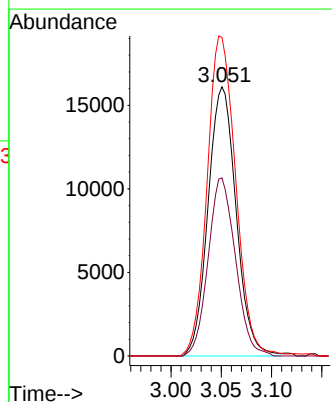
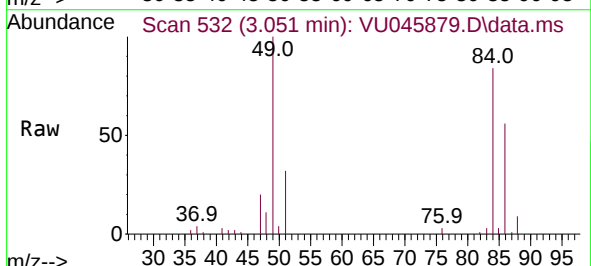
Instrument :
MSVOA_U
ClientSampleId :

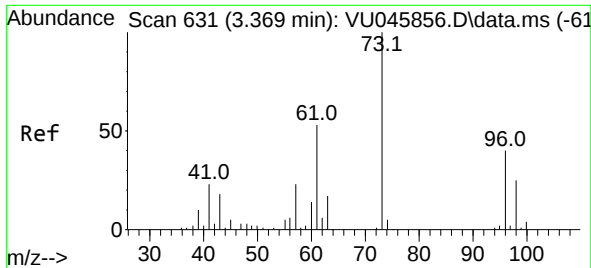
Tgt Ion: 43 Resp: 14056
Ion Ratio Lower Upper
43 100
74 25.8 19.1 28.7



#16
Methylene chloride
Concen: 3.699 ug/L
RT: 3.051 min Scan# 532
Delta R.T. 0.000 min
Lab File: VU045879.D
Acq: 18 Nov 2021 19:32

Tgt Ion: 84 Resp: 31285
Ion Ratio Lower Upper
84 100
86 66.2 45.8 85.0
49 118.4 84.5 156.9

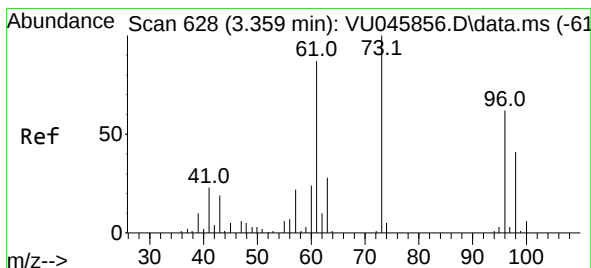
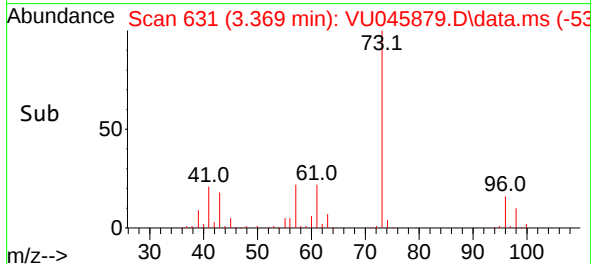
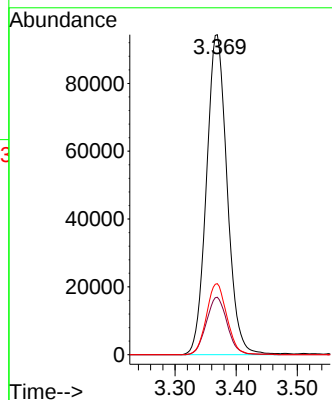
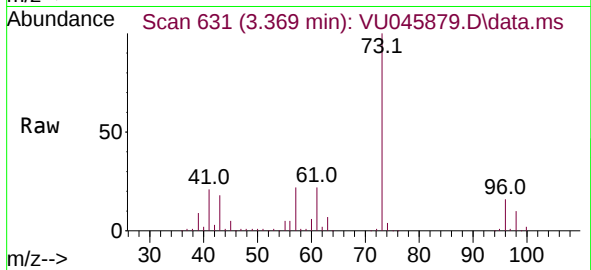




#17
Methyl tert-butyl Ether
Concen: 14.870 ug/L
RT: 3.369 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU045879.D
Acq: 18 Nov 2021 19:32

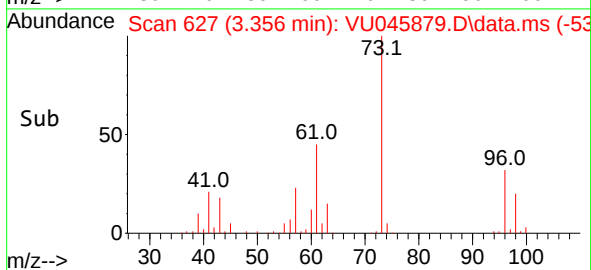
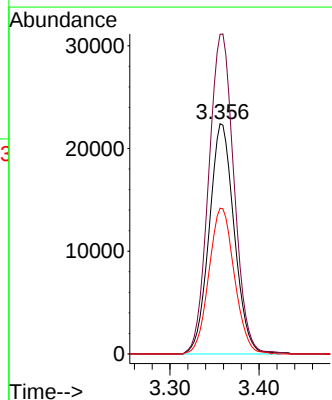
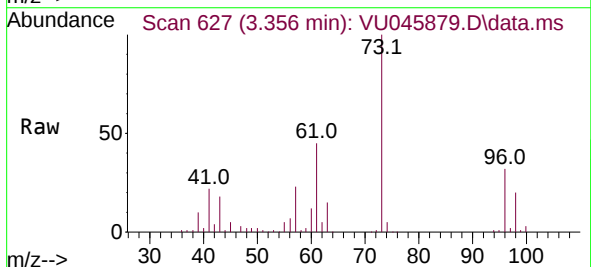
Instrument :
MSVOA_U
ClientSampleId :

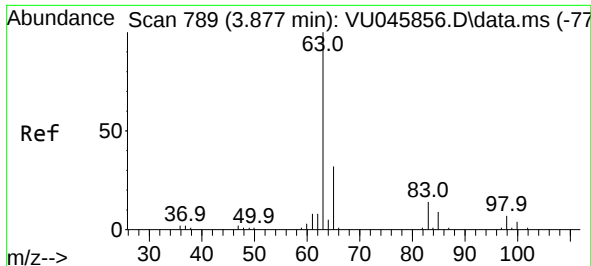
Tgt Ion: 73 Resp: 221766
Ion Ratio Lower Upper
73 100
43 18.2 14.8 22.2
57 22.0 17.4 26.0



#18
trans-1,2-Dichloroethene
Concen: 7.128 ug/L
RT: 3.356 min Scan# 627
Delta R.T. -0.003 min
Lab File: VU045879.D
Acq: 18 Nov 2021 19:32

Tgt Ion: 96 Resp: 43772
Ion Ratio Lower Upper
96 100
61 138.9 100.8 187.2
98 63.3 45.1 83.7





#19

1,1-Dichloroethane

Concen: 5.565 ug/L

RT: 3.874 min Scan# 788

Delta R.T. -0.003 min

Lab File: VU045879.D

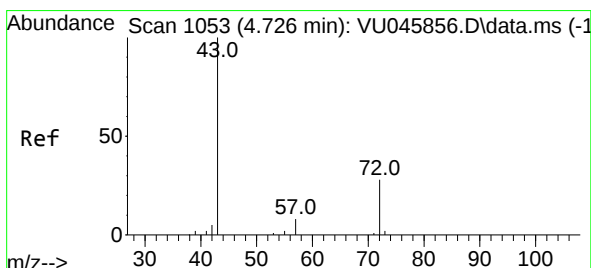
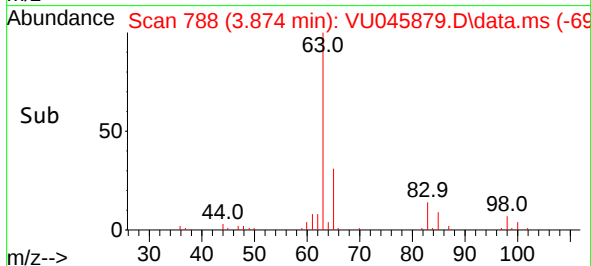
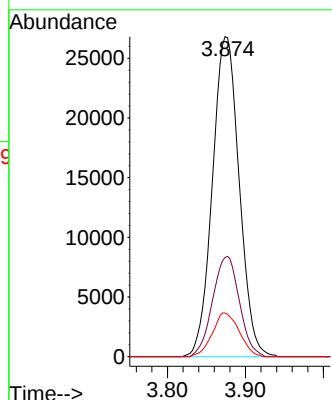
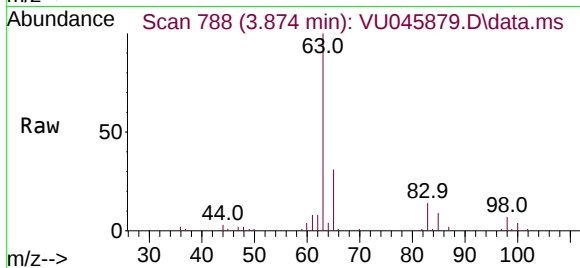
Acq: 18 Nov 2021 19:32

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	63	Resp:	64016
Ion	Ratio	Lower	Upper
63	100		
65	31.0	22.3	41.5
83	13.7	9.6	17.8



#21

2-Butanone

Concen: 52.424 ug/L

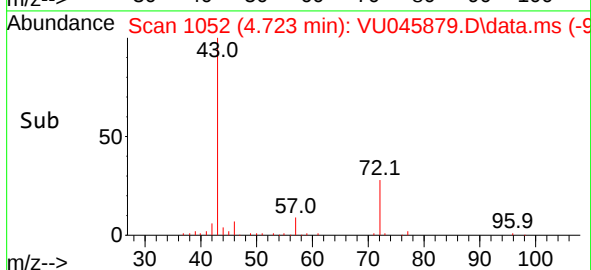
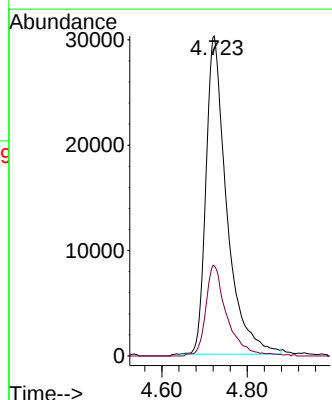
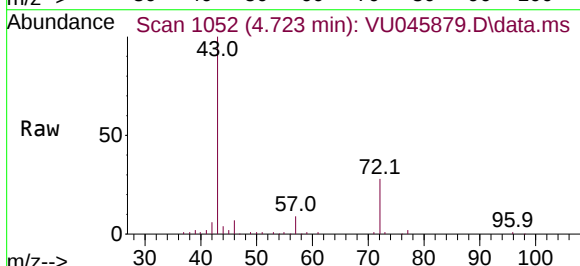
RT: 4.723 min Scan# 1052

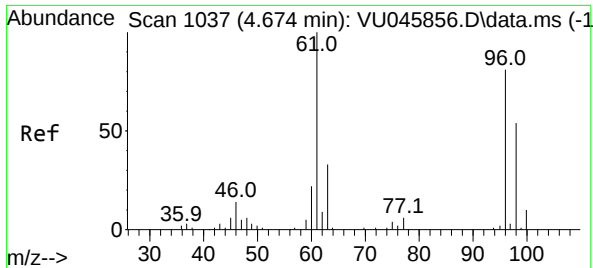
Delta R.T. -0.003 min

Lab File: VU045879.D

Acq: 18 Nov 2021 19:32

Tgt Ion:	43	Resp:	102013
Ion	Ratio	Lower	Upper
43	100		
72	28.6	14.1	42.3





#22

cis-1,2-Dichloroethene

Concen: 6.733 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. -0.003 min

Lab File: VU045879.D

Acq: 18 Nov 2021 19:32

Instrument :

MSVOA_U

ClientSampleId :

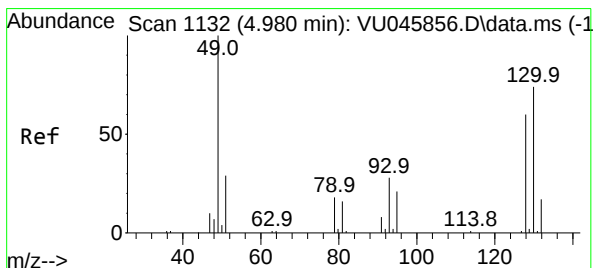
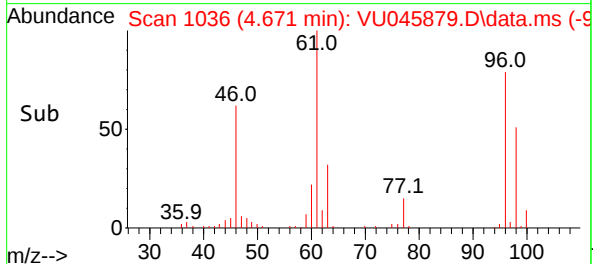
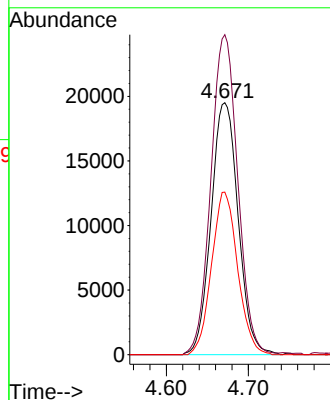
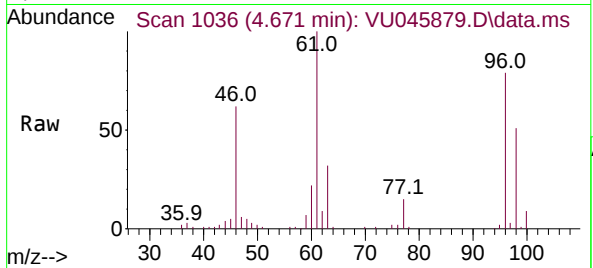
Tgt Ion: 96 Resp: 44829

Ion Ratio Lower Upper

96 100

61 127.0 88.5 164.3

98 64.5 44.4 82.5



#23

Bromochloromethane

Concen: 5.182 ug/L

RT: 4.980 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VU045879.D

Acq: 18 Nov 2021 19:32

Tgt Ion: 128 Resp: 15038

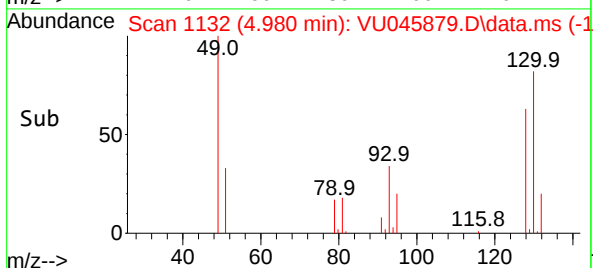
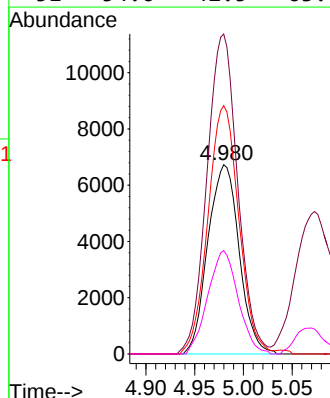
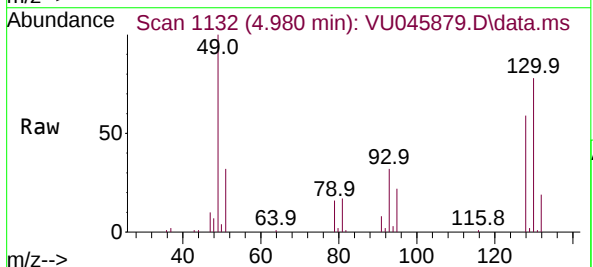
Ion Ratio Lower Upper

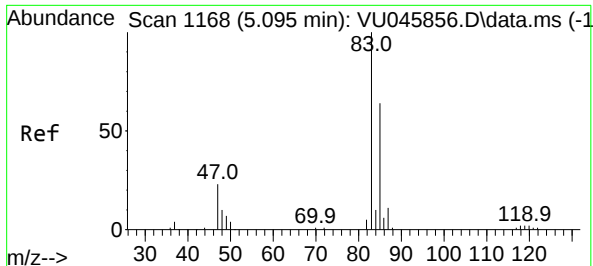
128 100

49 169.1 117.0 217.2

130 131.2 88.2 163.8

51 54.6 42.5 63.7





#25

Chloroform

Concen: 4.870 ug/L

RT: 5.092 min Scan# 1168

Delta R.T. -0.003 min

Lab File: VU045879.D

Acq: 18 Nov 2021 19:32

Instrument :

MSVOA_U

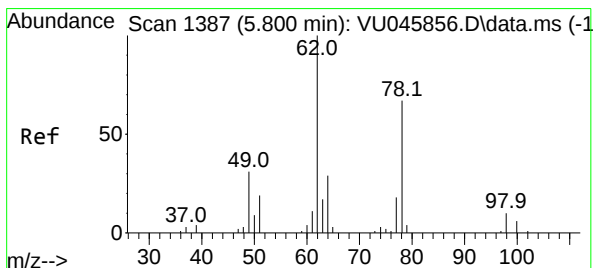
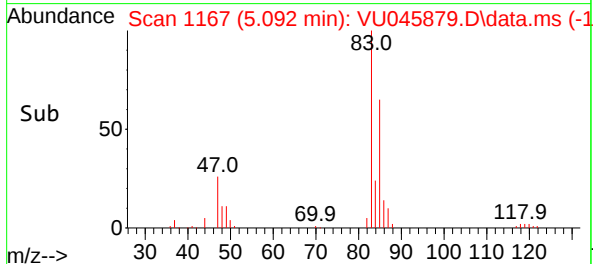
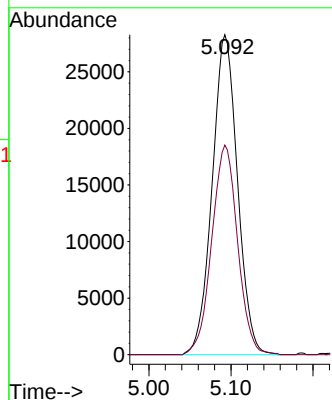
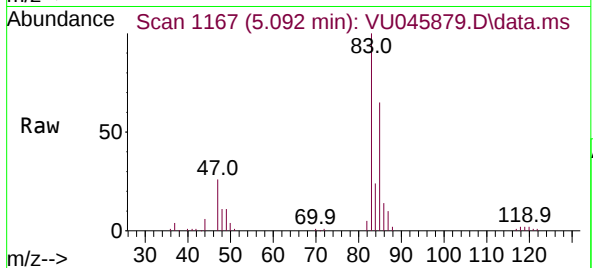
ClientSampleId :

Tgt Ion: 83 Resp: 60785

Ion Ratio Lower Upper

83 100

85 65.5 46.9 87.1



#27

1,2-Dichloroethane

Concen: 4.894 ug/L

RT: 5.797 min Scan# 1386

Delta R.T. -0.003 min

Lab File: VU045879.D

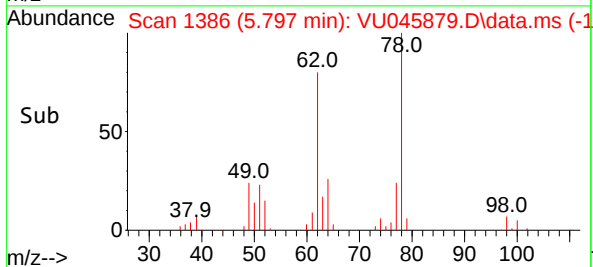
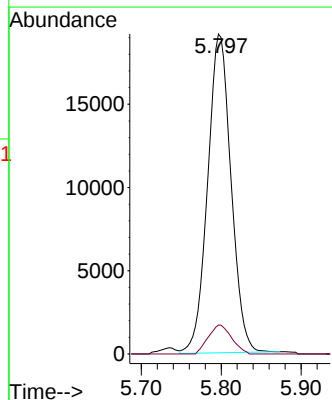
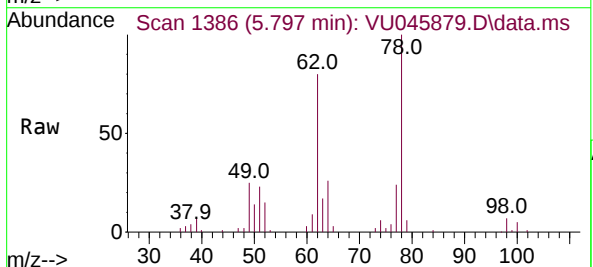
Acq: 18 Nov 2021 19:32

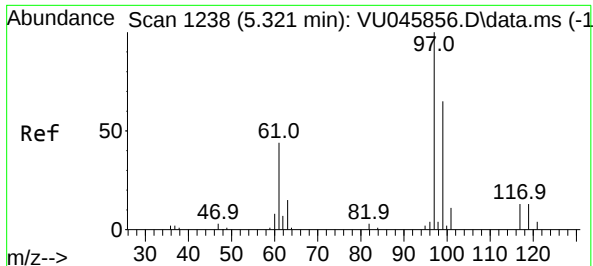
Tgt Ion: 62 Resp: 38977

Ion Ratio Lower Upper

62 100

98 9.1 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 4.798 ug/L

RT: 5.321 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU045879.D

Acq: 18 Nov 2021 19:32

Instrument :

MSVOA_U

ClientSampleId :

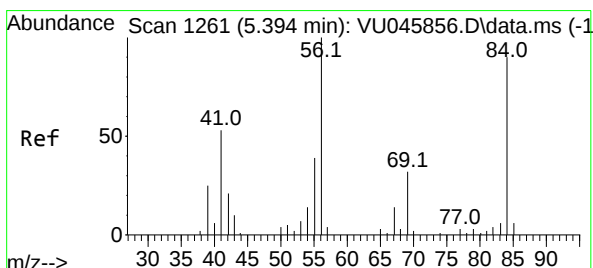
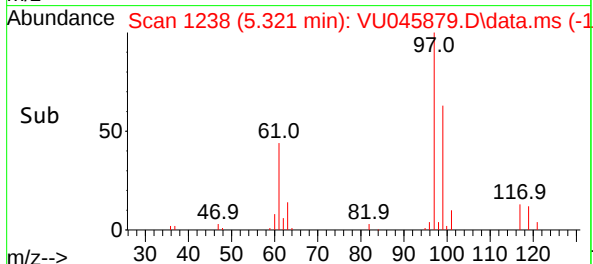
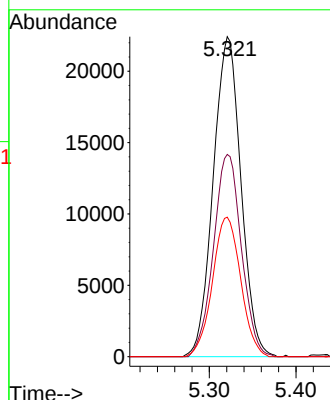
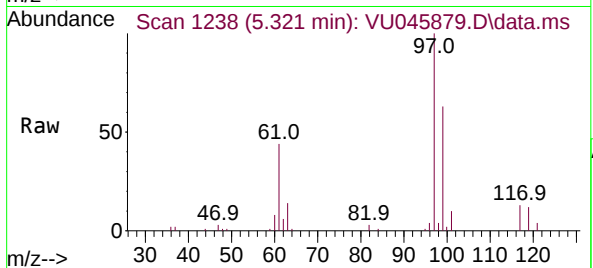
Tgt Ion: 97 Resp: 49907

Ion Ratio Lower Upper

97 100

99 63.6 51.3 76.9

61 44.4 36.1 54.1



#30

Cyclohexane

Concen: 4.371 ug/L

RT: 5.395 min Scan# 1261

Delta R.T. 0.000 min

Lab File: VU045879.D

Acq: 18 Nov 2021 19:32

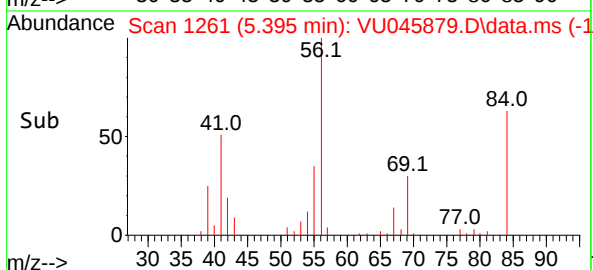
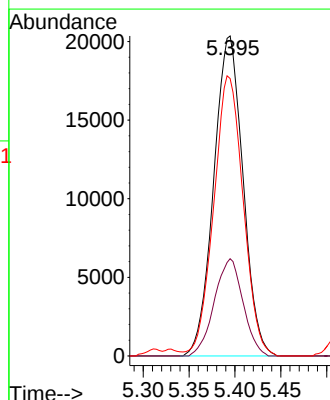
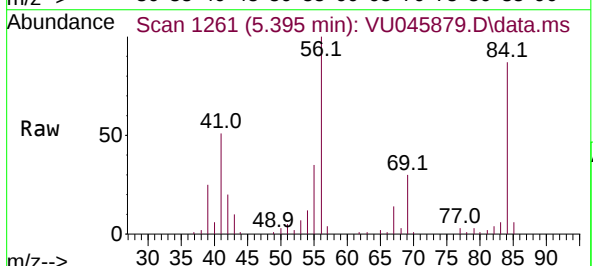
Tgt Ion: 56 Resp: 45095

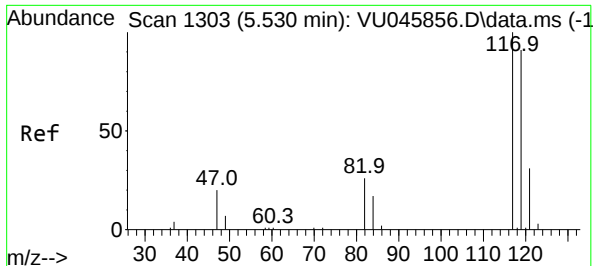
Ion Ratio Lower Upper

56 100

69 29.8 24.7 37.1

84 88.3 71.8 107.6

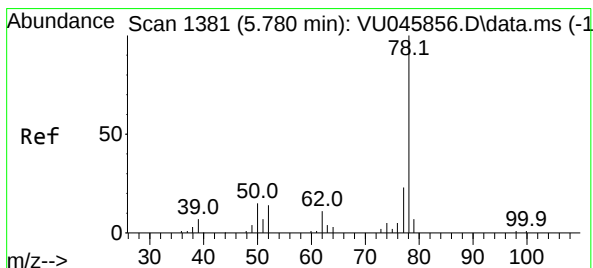
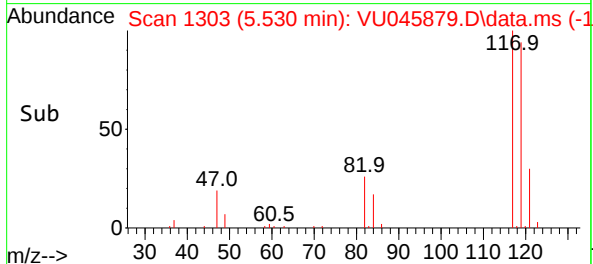
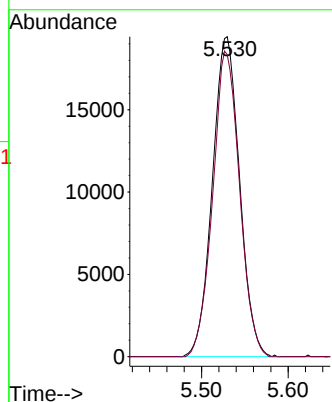
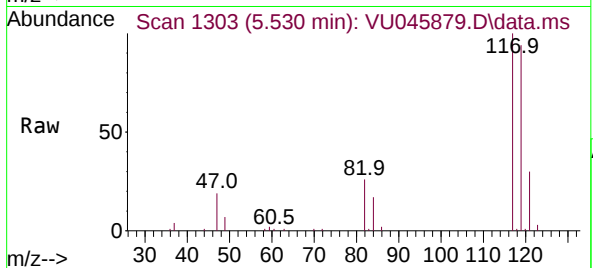




#31
Carbon tetrachloride
Concen: 4.840 ug/L
RT: 5.530 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU045879.D
Acq: 18 Nov 2021 19:32

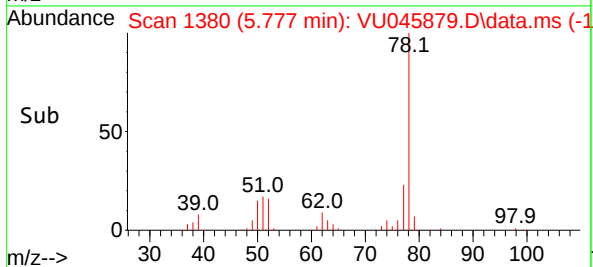
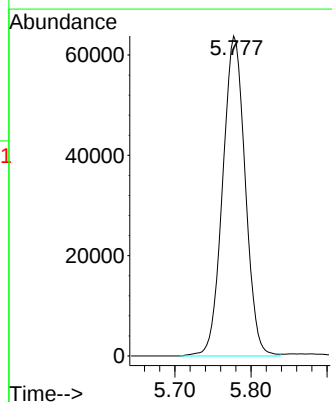
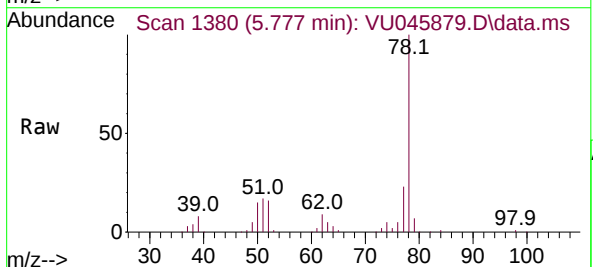
Instrument :
MSVOA_U
ClientSampleId :

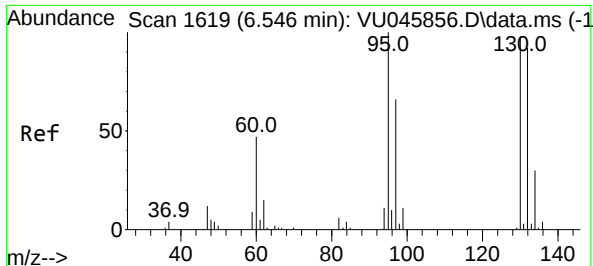
Tgt Ion:117 Resp: 42330
Ion Ratio Lower Upper
117 100
119 94.3 77.5 116.3



#33
Benzene
Concen: 4.918 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.003 min
Lab File: VU045879.D
Acq: 18 Nov 2021 19:32

Tgt Ion: 78 Resp: 131373

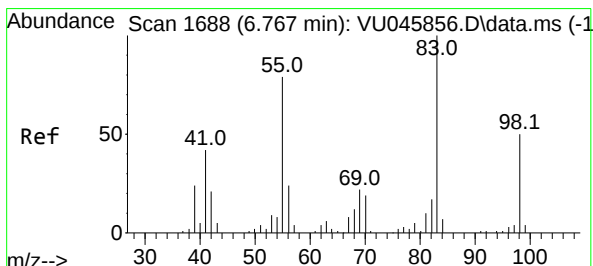
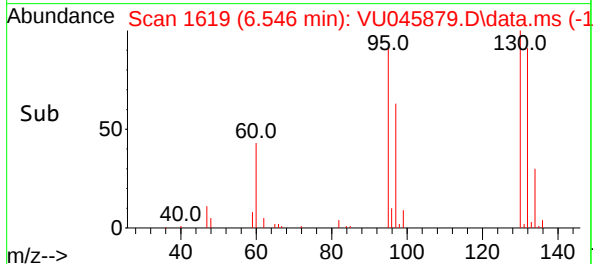
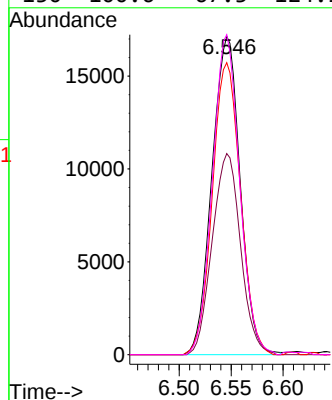
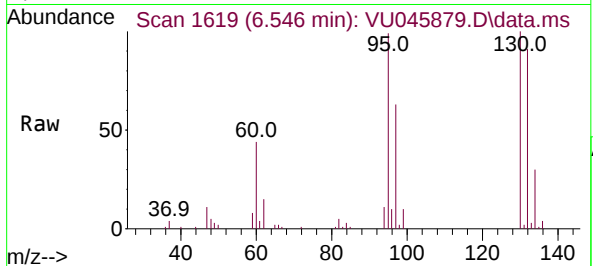




#34
Trichloroethene
Concen: 4.704 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU045879.D
Acq: 18 Nov 2021 19:32

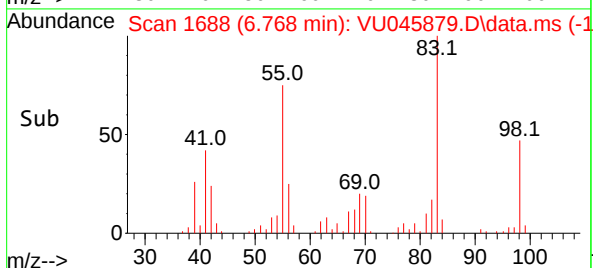
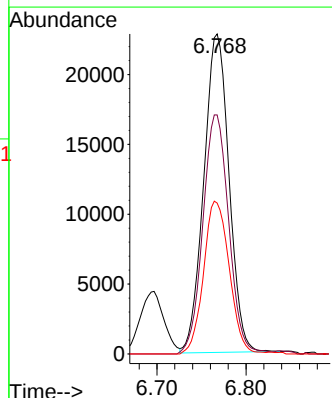
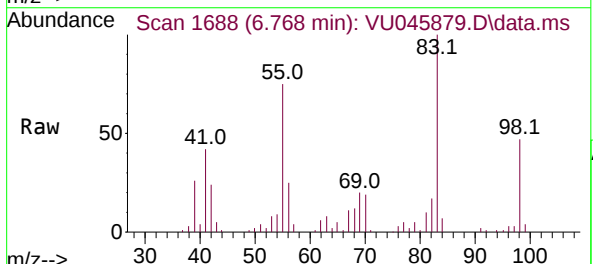
Instrument :
MSVOA_U
ClientSampleId :

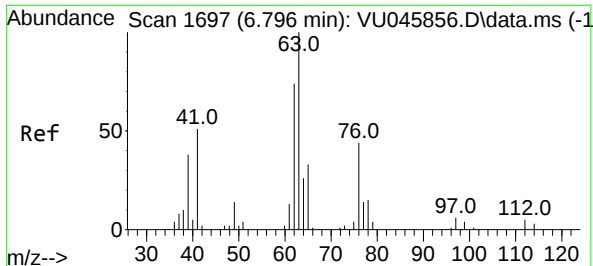
Tgt Ion: 95 Resp: 32385
Ion Ratio Lower Upper
95 100
97 63.2 46.5 86.5
132 91.8 65.1 120.9
130 100.6 67.3 124.9



#35
Methylcyclohexane
Concen: 4.244 ug/L
RT: 6.768 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VU045879.D
Acq: 18 Nov 2021 19:32

Tgt Ion: 83 Resp: 44872
Ion Ratio Lower Upper
83 100
55 77.1 61.9 92.9
98 48.9 39.0 58.6

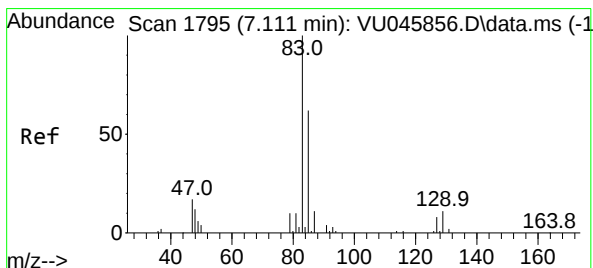
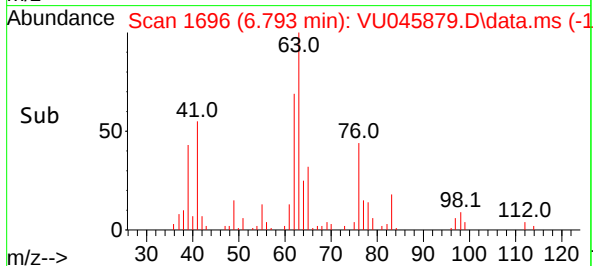
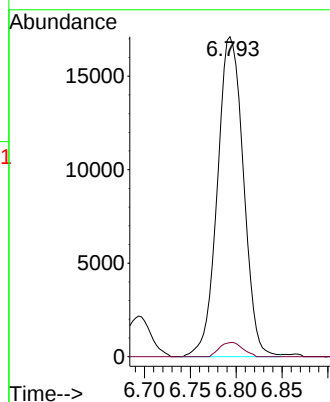
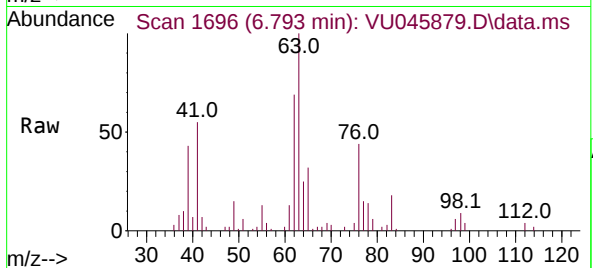




#37
1,2-Dichloropropane
Concen: 4.816 ug/L
RT: 6.793 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU045879.D
Acq: 18 Nov 2021 19:32

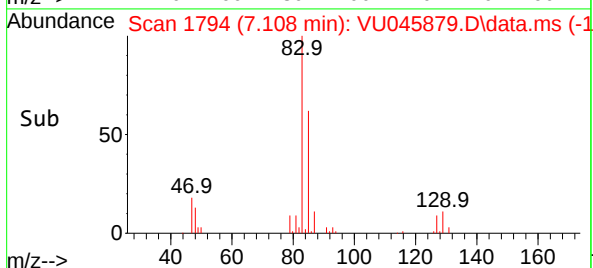
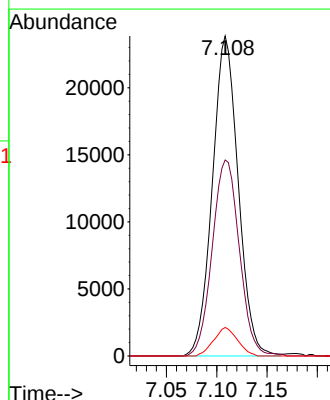
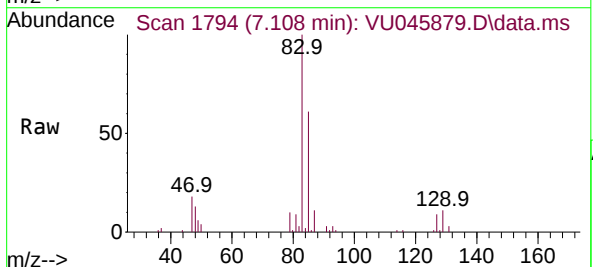
Instrument :
MSVOA_U
ClientSampleId :

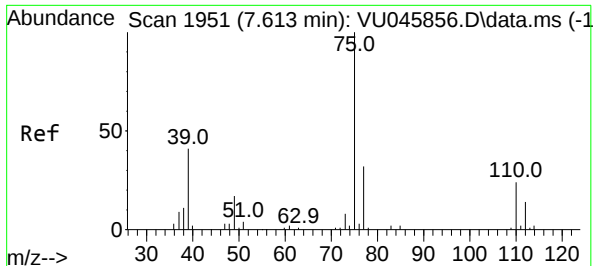
Tgt Ion: 63 Resp: 33855
Ion Ratio Lower Upper
63 100
112 3.9 3.2 4.8



#38
Bromodichloromethane
Concen: 4.915 ug/L
RT: 7.108 min Scan# 1794
Delta R.T. -0.003 min
Lab File: VU045879.D
Acq: 18 Nov 2021 19:32

Tgt Ion: 83 Resp: 42632
Ion Ratio Lower Upper
83 100
85 61.3 44.0 81.8
127 8.9 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 4.740 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. -0.003 min

Lab File: VU045879.D

Acq: 18 Nov 2021 19:32

Instrument :

MSVOA_U

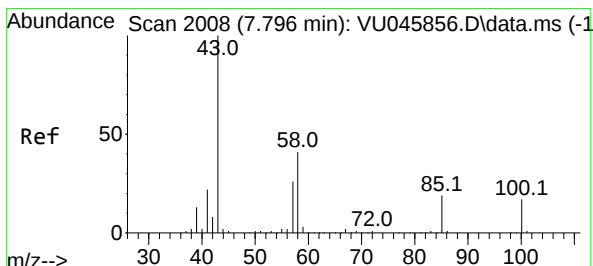
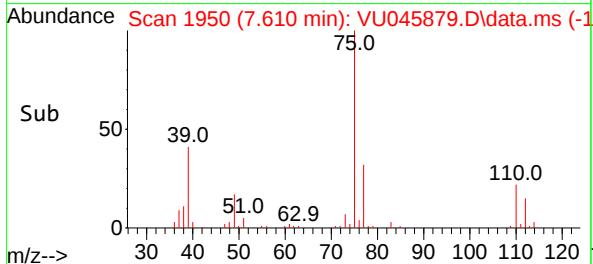
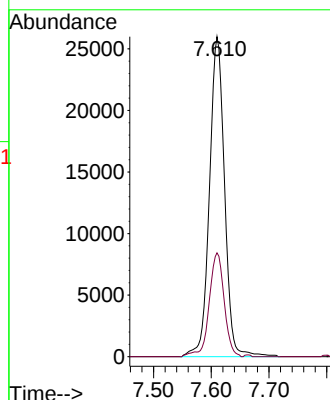
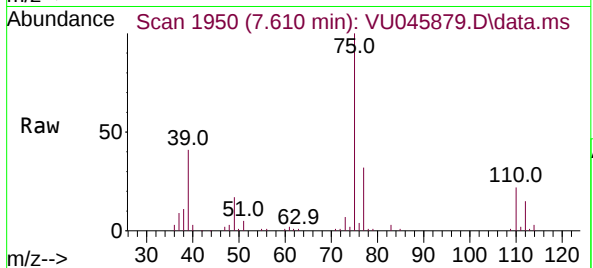
ClientSampleId :

Tgt Ion: 75 Resp: 47350

Ion Ratio Lower Upper

75 100

77 32.4 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 50.817 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. -0.003 min

Lab File: VU045879.D

Acq: 18 Nov 2021 19:32

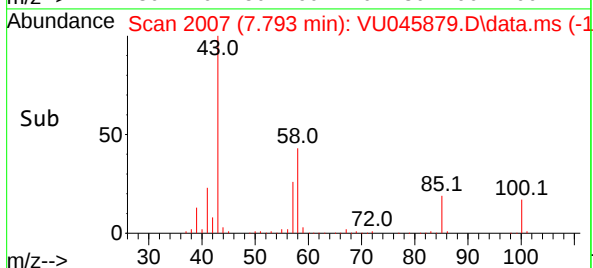
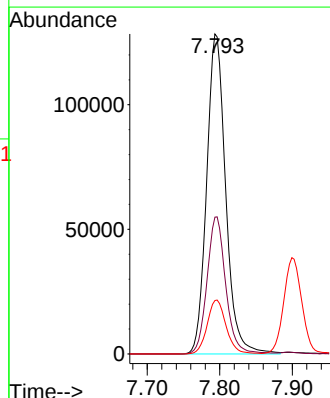
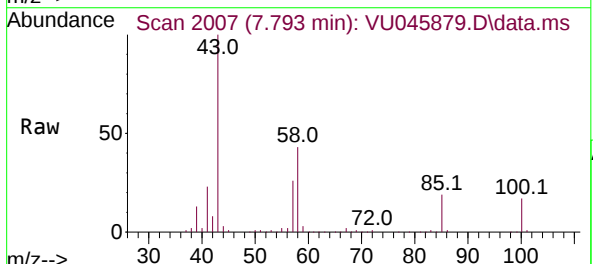
Tgt Ion: 43 Resp: 234327

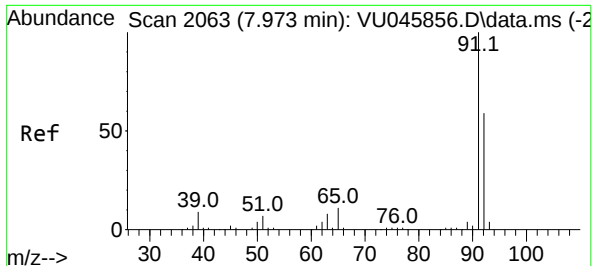
Ion Ratio Lower Upper

43 100

58 42.1 33.1 49.7

100 16.8 13.2 19.8





#42

Toluene

Concen: 4.995 ug/L

RT: 7.973 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VU045879.D

Acq: 18 Nov 2021 19:32

Instrument :

MSVOA_U

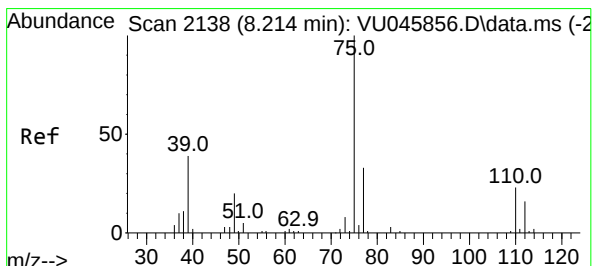
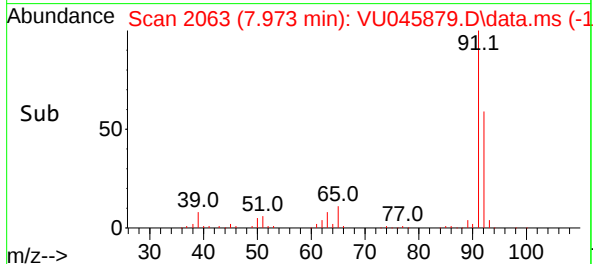
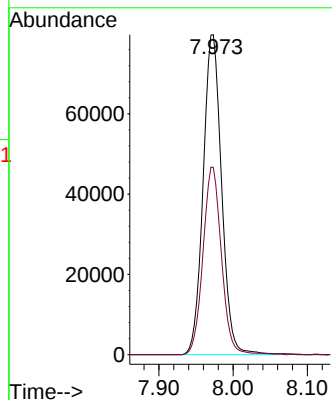
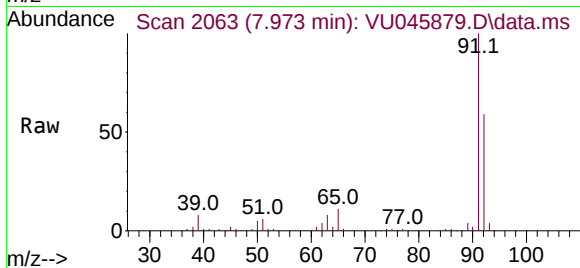
ClientSampleId :

Tgt Ion: 91 Resp: 137749

Ion Ratio Lower Upper

91 100

92 58.5 41.3 76.7



#44

trans-1,3-Dichloropropene

Concen: 4.927 ug/L

RT: 8.214 min Scan# 2138

Delta R.T. 0.000 min

Lab File: VU045879.D

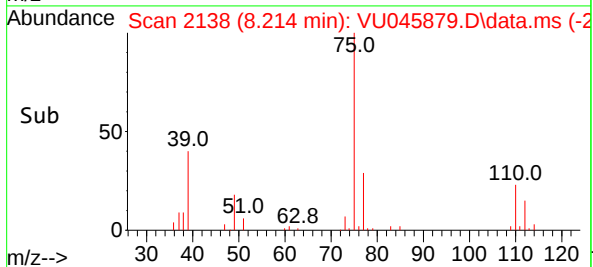
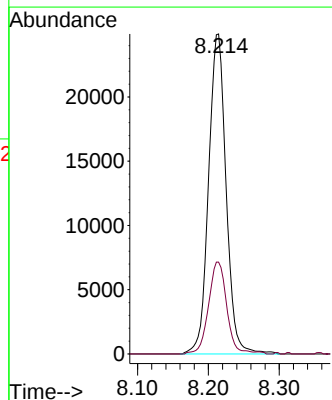
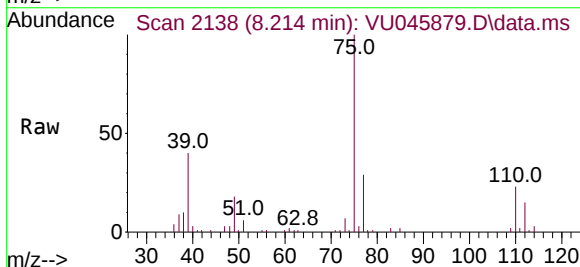
Acq: 18 Nov 2021 19:32

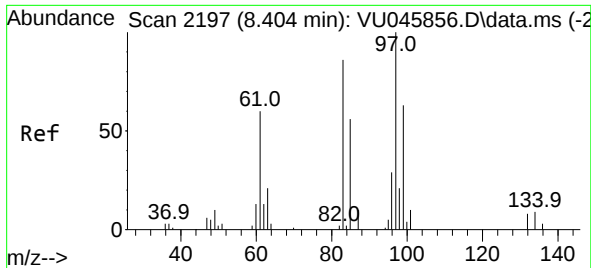
Tgt Ion: 75 Resp: 42823

Ion Ratio Lower Upper

75 100

77 28.7 22.7 42.3

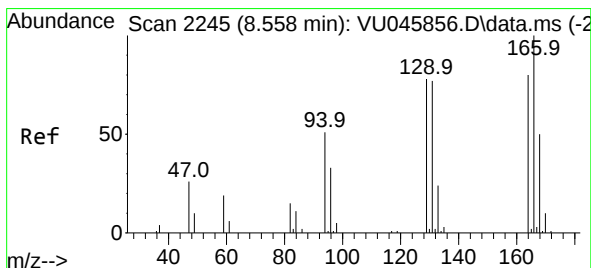
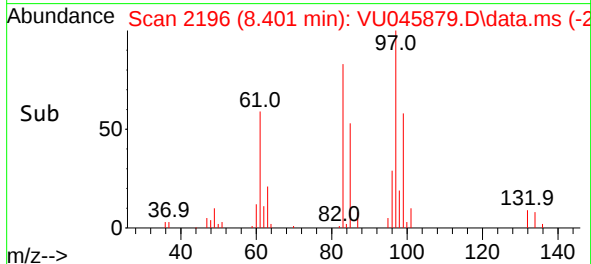
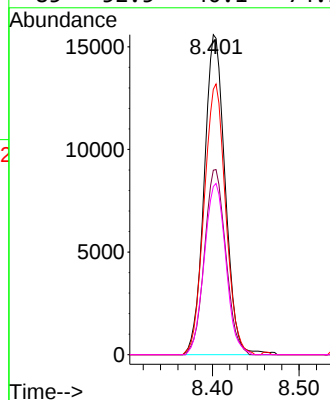
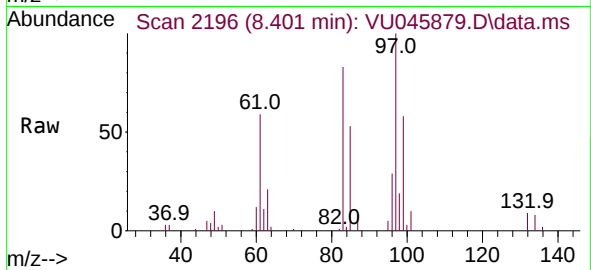




#45
1,1,2-Trichloroethane
Concen: 5.035 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.003 min
Lab File: VU045879.D
Acq: 18 Nov 2021 19:32

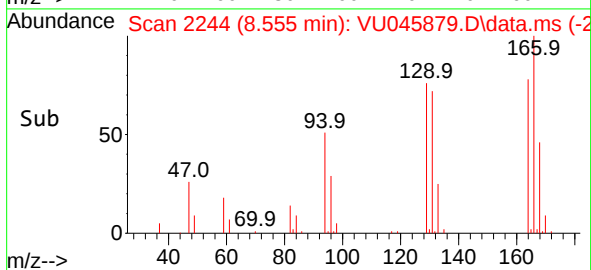
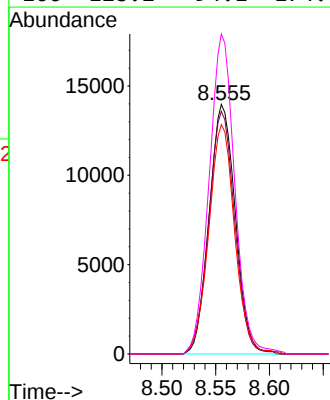
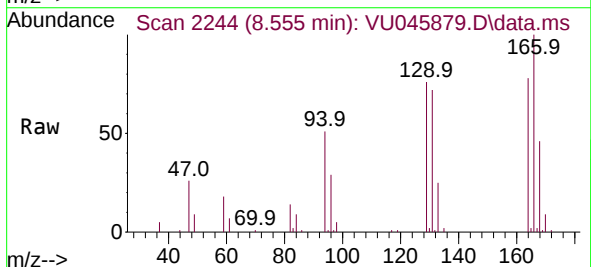
Instrument :
MSVOA_U
ClientSampleId :

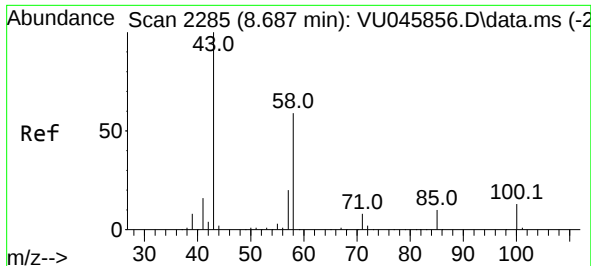
Tgt Ion:	97	Resp:	26278
Ion	Ratio	Lower	Upper
97	100		
99	57.7	42.3	78.5
83	83.0	62.0	115.2
85	52.5	40.1	74.5



#47
Tetrachloroethene
Concen: 4.911 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.003 min
Lab File: VU045879.D
Acq: 18 Nov 2021 19:32

Tgt Ion:	164	Resp:	23671
Ion	Ratio	Lower	Upper
164	100		
129	97.2	71.8	133.4
131	91.8	68.5	127.3
166	128.2	94.1	174.8

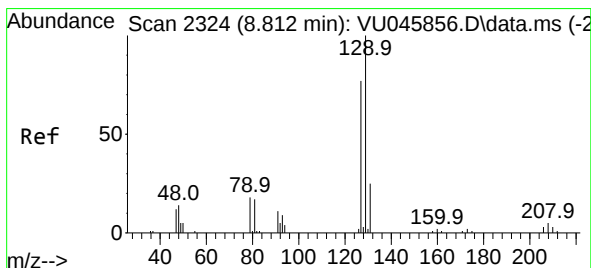
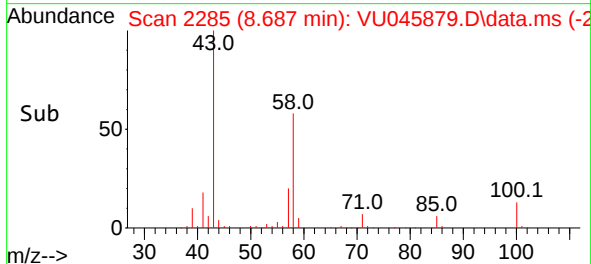
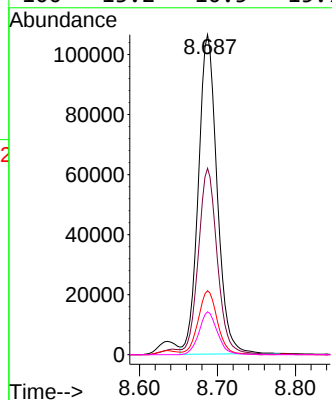
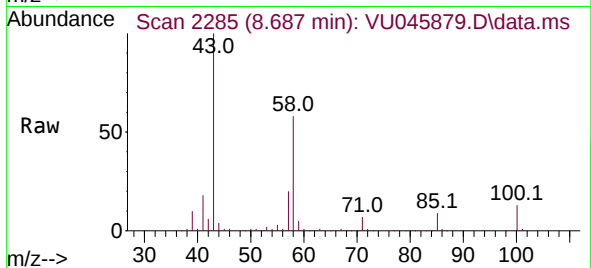




#48
2-Hexanone
Concen: 53.400 ug/L
RT: 8.687 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU045879.D
Acq: 18 Nov 2021 19:32

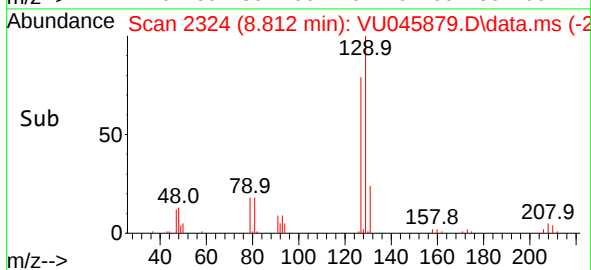
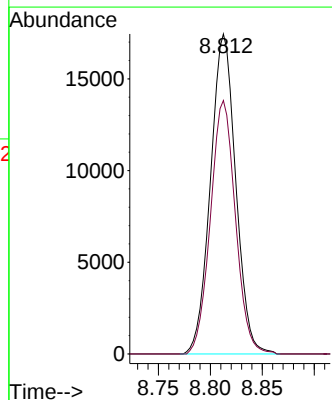
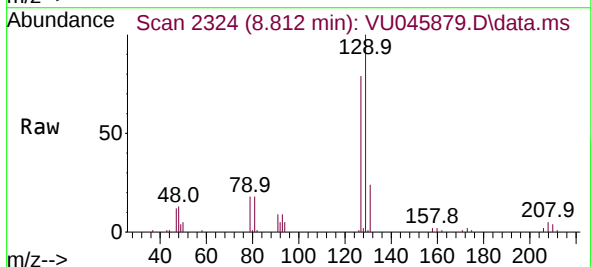
Instrument :
MSVOA_U
ClientSampleId :

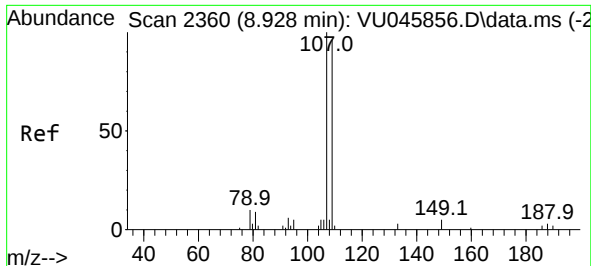
Tgt Ion:	43	Resp:	177887
Ion	Ratio	Lower	Upper
43	100		
58	58.7	46.7	70.1
57	20.7	16.3	24.5
100	13.2	10.5	15.7



#49
Dibromochloromethane
Concen: 4.962 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU045879.D
Acq: 18 Nov 2021 19:32

Tgt Ion:	129	Resp:	29496
Ion	Ratio	Lower	Upper
129	100		
127	79.2	55.4	102.8





#50

1,2-Dibromoethane

Concen: 4.868 ug/L

RT: 8.925 min Scan# 21

Delta R.T. -0.003 min

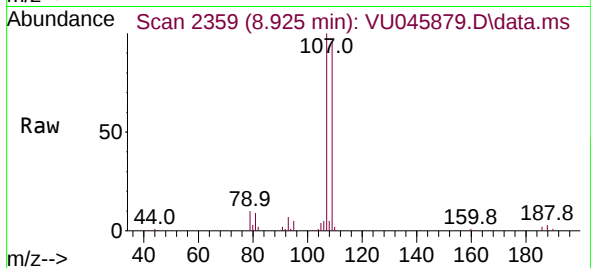
Lab File: VU045879.D

Acq: 18 Nov 2021 19:32

Instrument :

MSVOA_U

ClientSampleId :



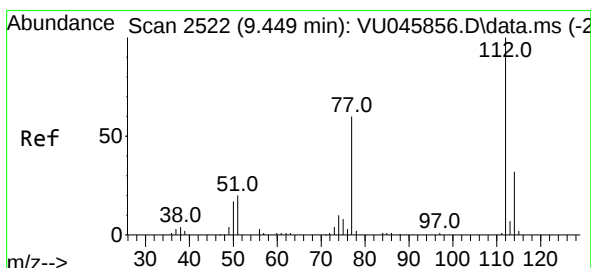
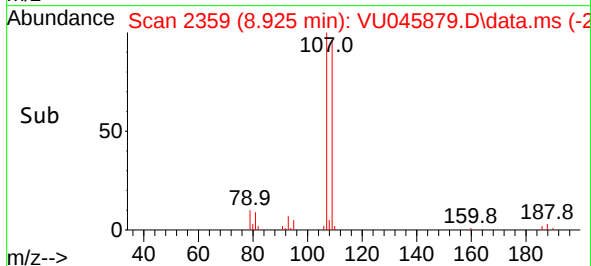
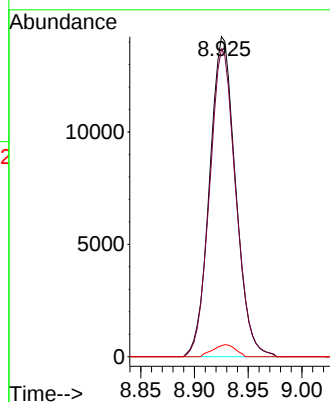
Tgt Ion:107 Resp: 23938

Ion Ratio Lower Upper

107 100

109 96.2 64.0 119.0

188 3.5 2.4 3.6



#51

Chlorobenzene

Concen: 4.905 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. 0.000 min

Lab File: VU045879.D

Acq: 18 Nov 2021 19:32

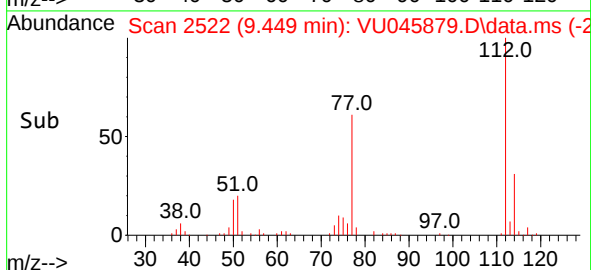
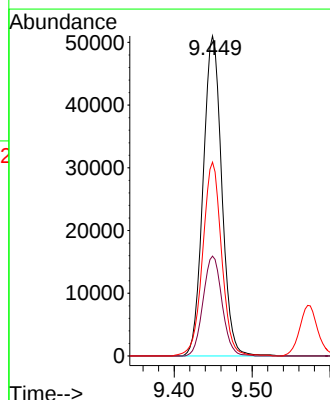
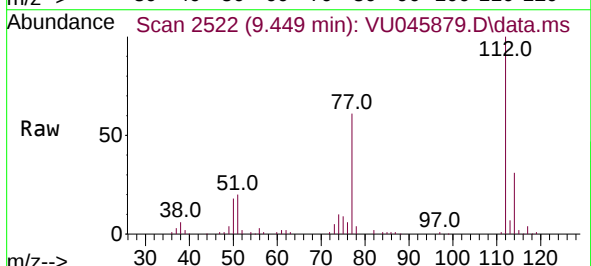
Tgt Ion:112 Resp: 84842

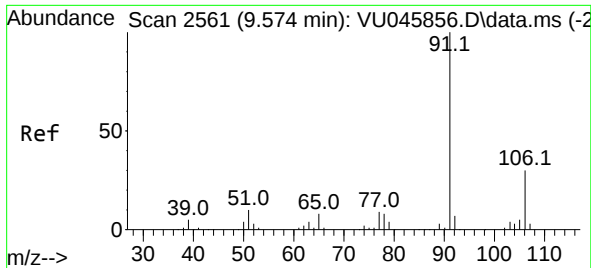
Ion Ratio Lower Upper

112 100

114 31.2 22.1 41.1

77 60.6 48.3 72.5

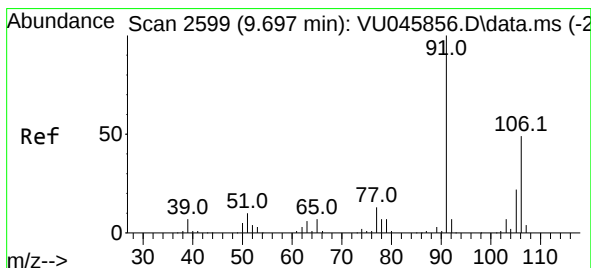
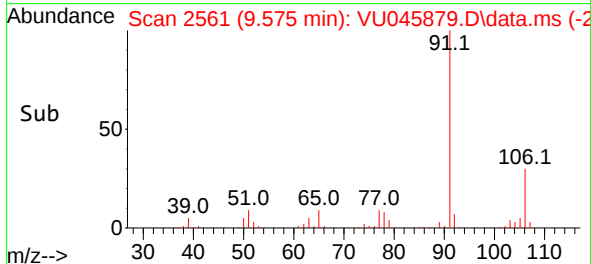
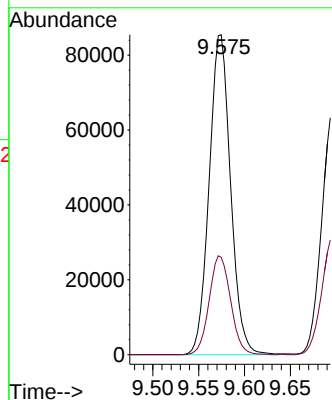
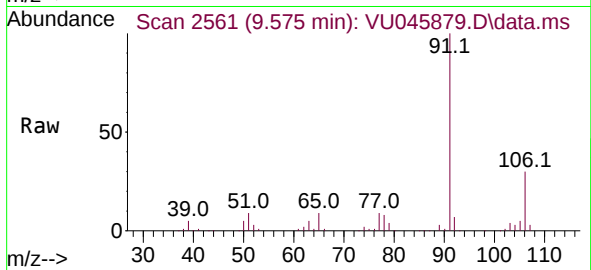




#52
Ethylbenzene
Concen: 4.809 ug/L
RT: 9.575 min Scan# 2561
Delta R.T. 0.000 min
Lab File: VU045879.D
Acq: 18 Nov 2021 19:32

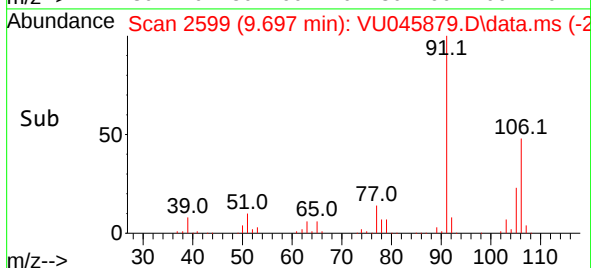
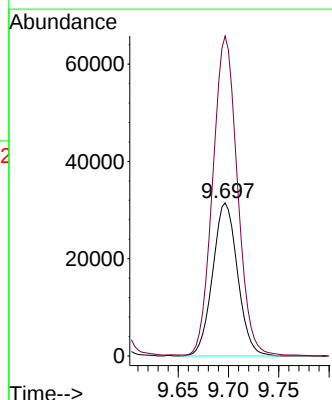
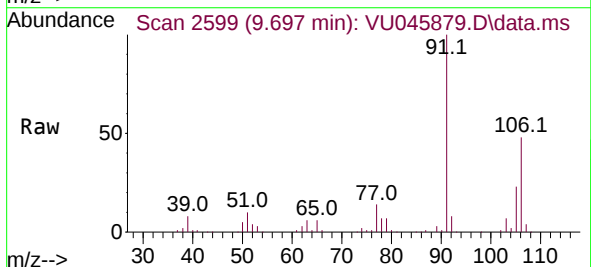
Instrument :
MSVOA_U
ClientSampleId :

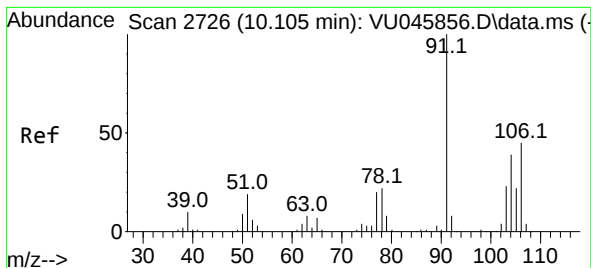
Tgt Ion: 91 Resp: 138810
Ion Ratio Lower Upper
91 100
106 30.5 21.5 39.9



#53
m,p-Xylene
Concen: 4.905 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU045879.D
Acq: 18 Nov 2021 19:32

Tgt Ion:106 Resp: 54228
Ion Ratio Lower Upper
106 100
91 208.9 139.4 259.0





#54

o-Xylene

Concen: 4.952 ug/L

RT: 10.102 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU045879.D

Acq: 18 Nov 2021 19:32

Instrument :

MSVOA_U

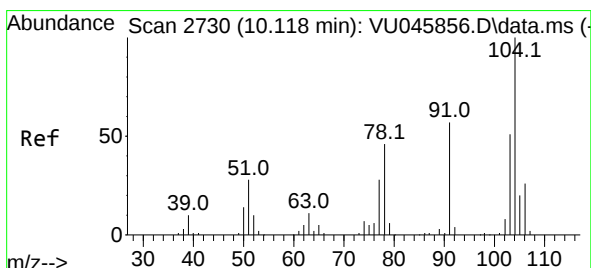
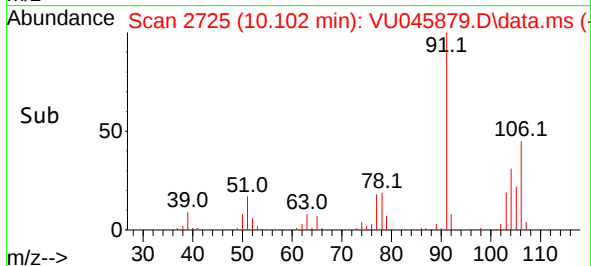
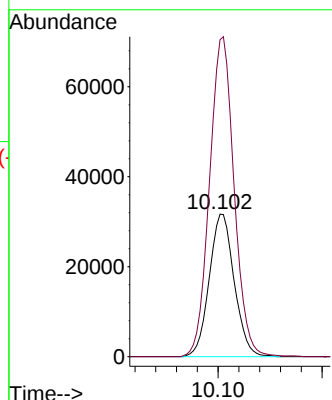
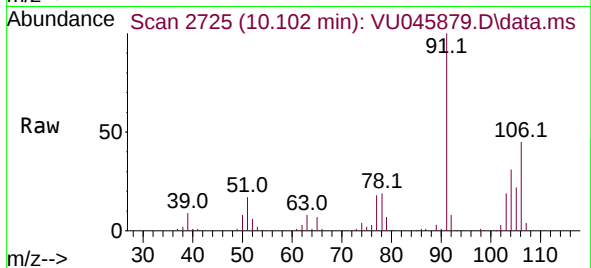
ClientSampleId :

Tgt Ion:106 Resp: 52836

Ion Ratio Lower Upper

106 100

91 222.2 147.5 273.9



#55

Styrene

Concen: 5.203 ug/L

RT: 10.118 min Scan# 2730

Delta R.T. 0.000 min

Lab File: VU045879.D

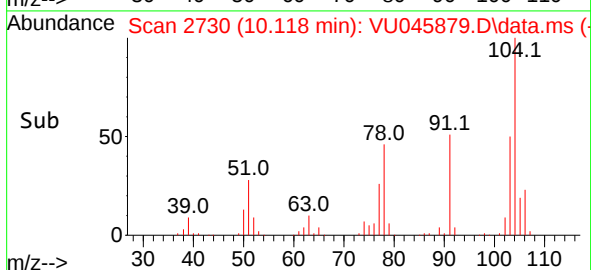
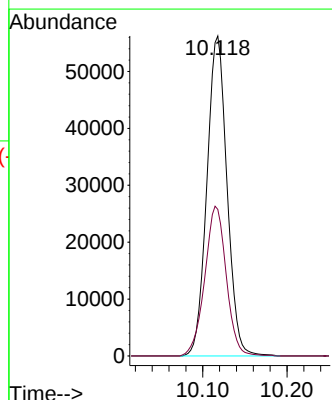
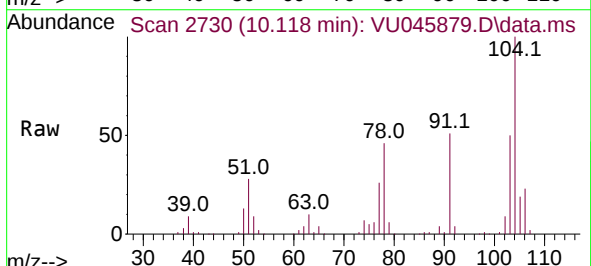
Acq: 18 Nov 2021 19:32

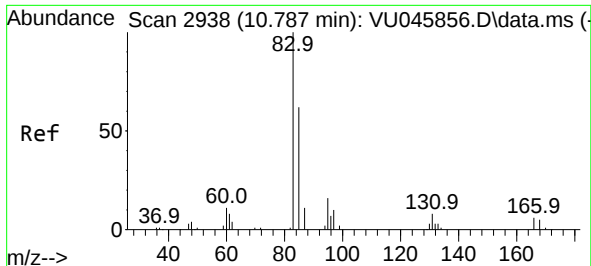
Tgt Ion:104 Resp: 93449

Ion Ratio Lower Upper

104 100

78 45.8 33.0 61.4





#57

1,1,2,2-Tetrachloroethane

Concen: 5.149 ug/L

RT: 10.783 min Scan# 2938

Delta R.T. -0.003 min

Lab File: VU045879.D

Acq: 18 Nov 2021 19:32

Instrument :

MSVOA_U

ClientSampleId :

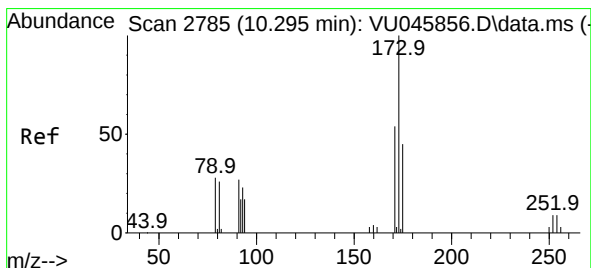
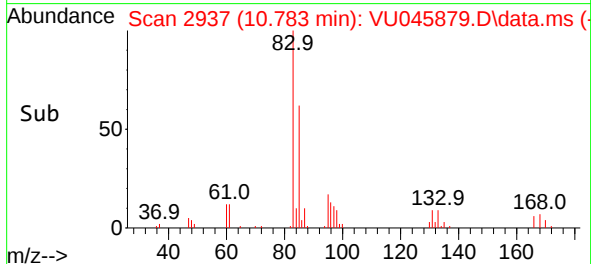
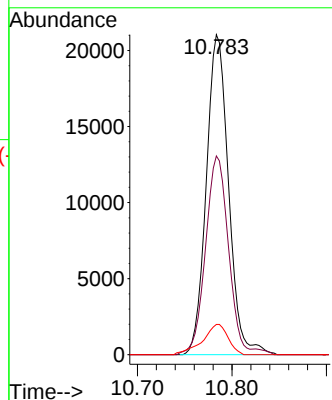
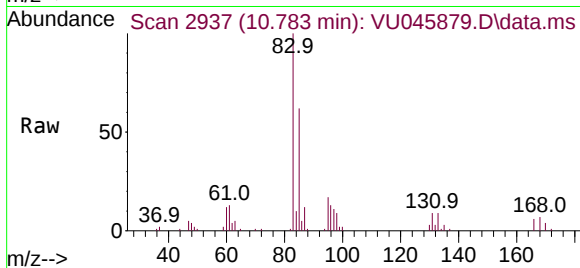
Tgt Ion: 83 Resp: 34421

Ion Ratio Lower Upper

83 100

85 62.1 47.9 89.1

131 9.4 8.1 12.1



#59

Bromoform

Concen: 4.678 ug/L

RT: 10.295 min Scan# 2785

Delta R.T. 0.000 min

Lab File: VU045879.D

Acq: 18 Nov 2021 19:32

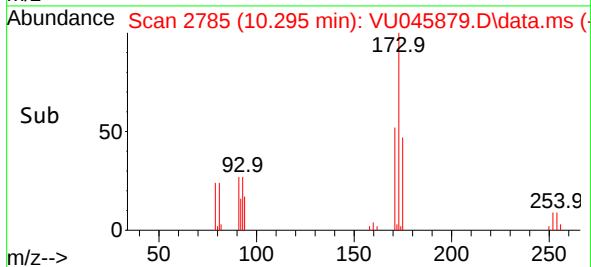
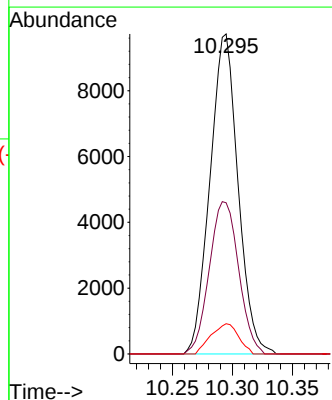
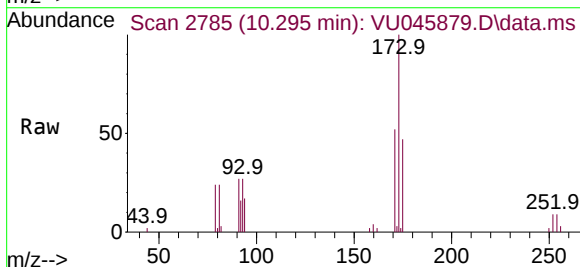
Tgt Ion:173 Resp: 15804

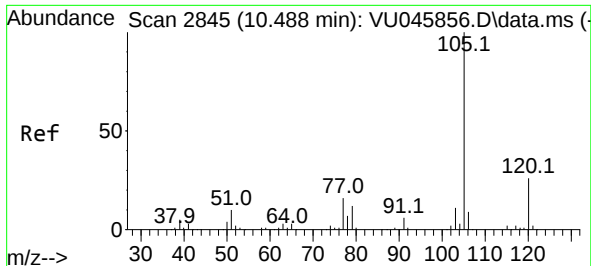
Ion Ratio Lower Upper

173 100

175 49.8 37.8 56.6

254 9.3 7.3 10.9

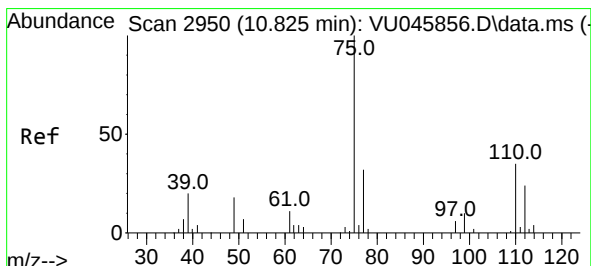
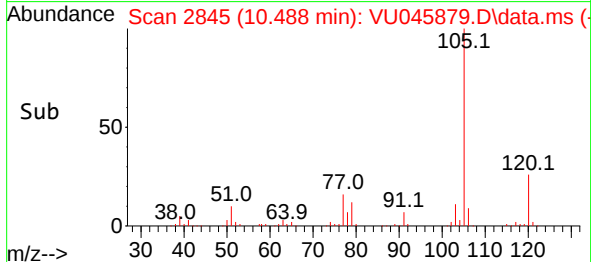
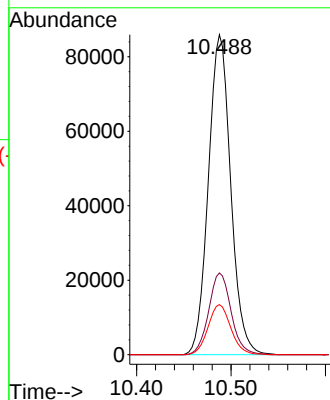
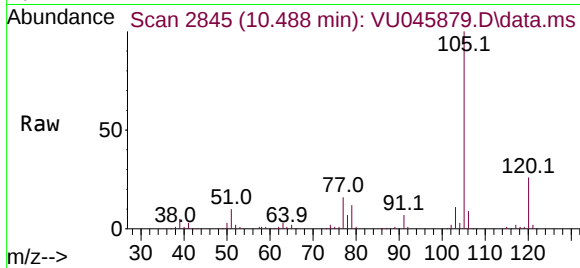




#60
Isopropylbenzene
Concen: 4.710 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. 0.000 min
Lab File: VU045879.D
Acq: 18 Nov 2021 19:32

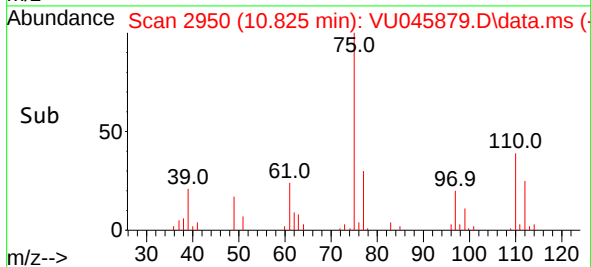
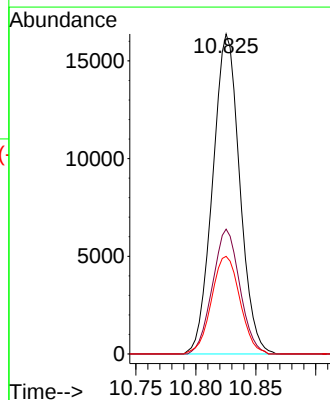
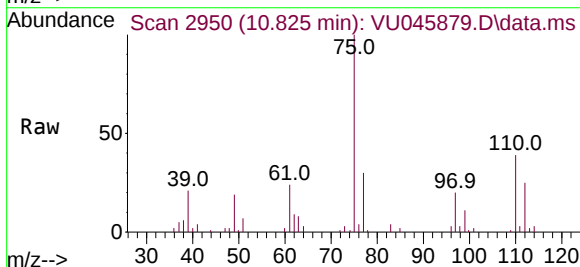
Instrument :
MSVOA_U
ClientSampleId :

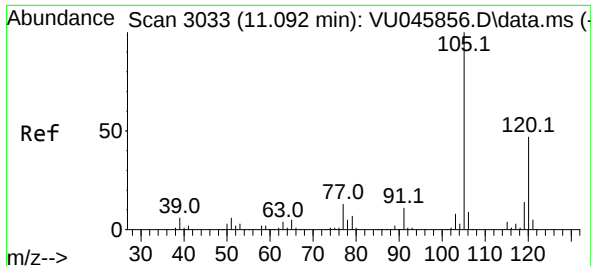
Tgt Ion:105 Resp: 141055
Ion Ratio Lower Upper
105 100
120 25.6 20.7 31.1
77 16.0 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 4.843 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU045879.D
Acq: 18 Nov 2021 19:32

Tgt Ion: 75 Resp: 25642
Ion Ratio Lower Upper
75 100
110 39.4 29.9 44.9
77 32.2 25.5 38.3





#62

1,3,5-Trimethylbenzene

Concen: 4.619 ug/L

RT: 11.089 min Scan# 3033

Delta R.T. -0.003 min

Lab File: VU045879.D

Acq: 18 Nov 2021 19:32

Instrument :

MSVOA_U

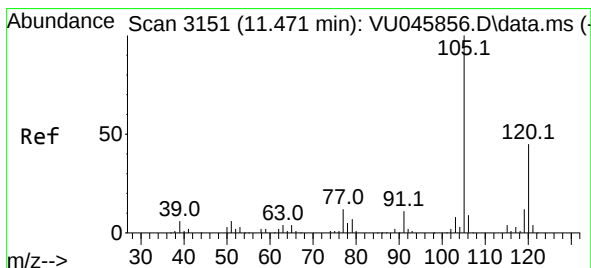
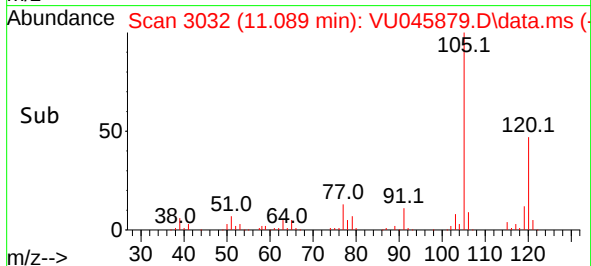
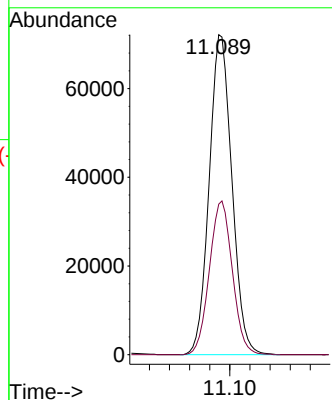
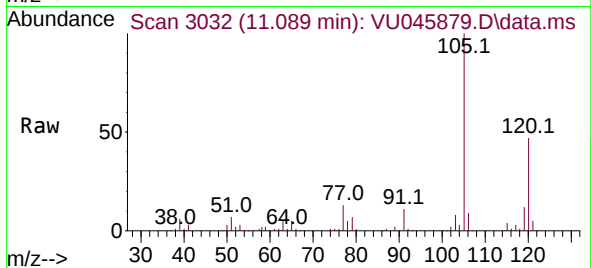
ClientSampleId :

Tgt Ion:105 Resp: 113099

Ion Ratio Lower Upper

105 100

120 48.6 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 4.686 ug/L

RT: 11.472 min Scan# 3151

Delta R.T. 0.000 min

Lab File: VU045879.D

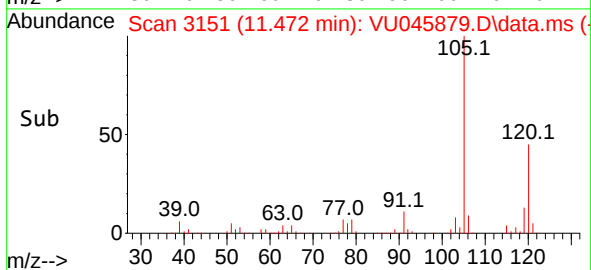
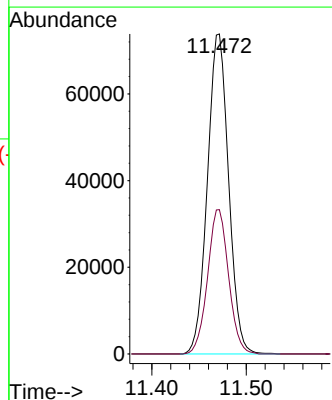
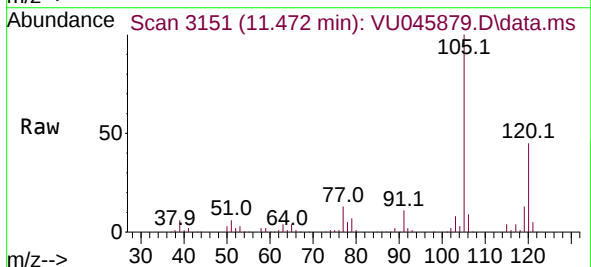
Acq: 18 Nov 2021 19:32

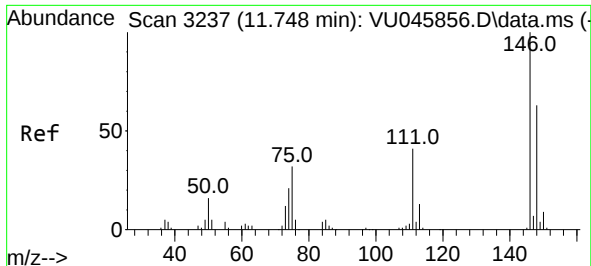
Tgt Ion:105 Resp: 114959

Ion Ratio Lower Upper

105 100

120 44.7 35.8 53.8

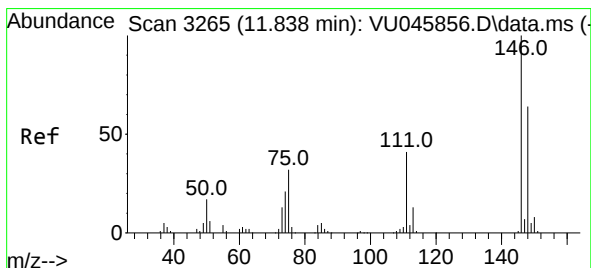
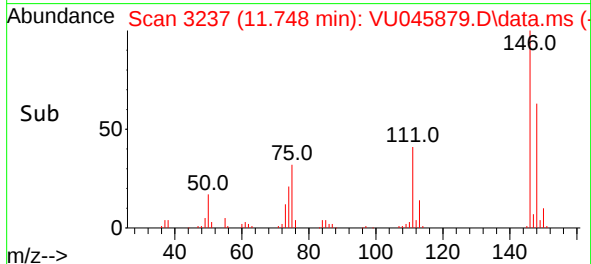
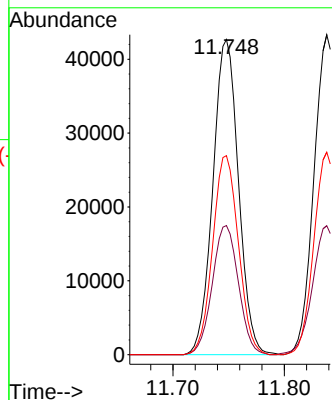
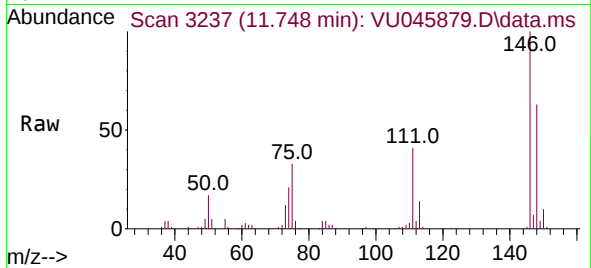




#64
1,3-Dichlorobenzene
Concen: 4.877 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. 0.000 min
Lab File: VU045879.D
Acq: 18 Nov 2021 19:32

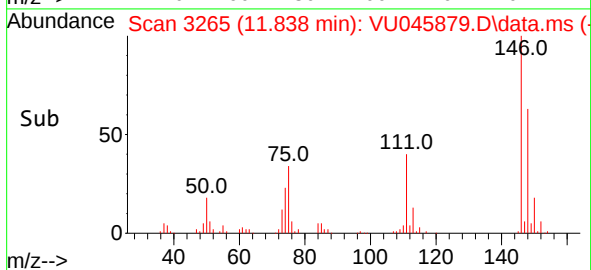
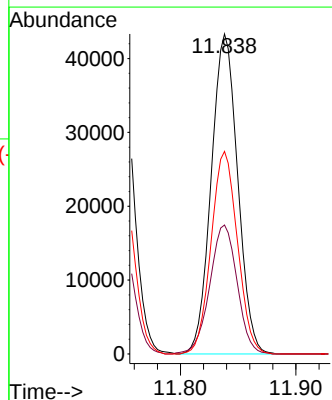
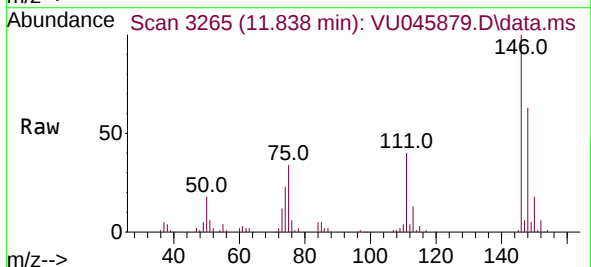
Instrument :
MSVOA_U
ClientSampleId :

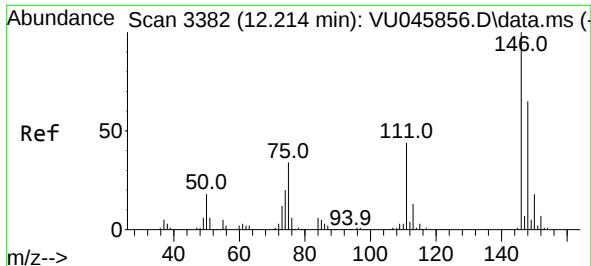
Tgt Ion:146 Resp: 68137
Ion Ratio Lower Upper
146 100
111 40.9 29.9 55.5
148 63.1 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 4.857 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU045879.D
Acq: 18 Nov 2021 19:32

Tgt Ion:146 Resp: 68932
Ion Ratio Lower Upper
146 100
111 40.3 28.7 53.3
148 63.3 45.8 85.0

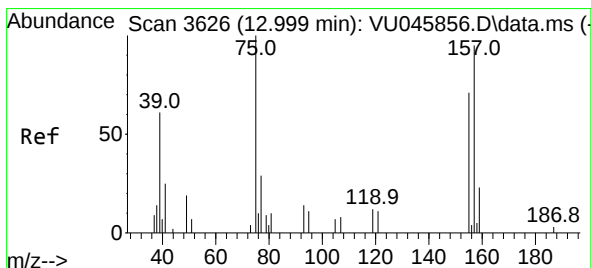
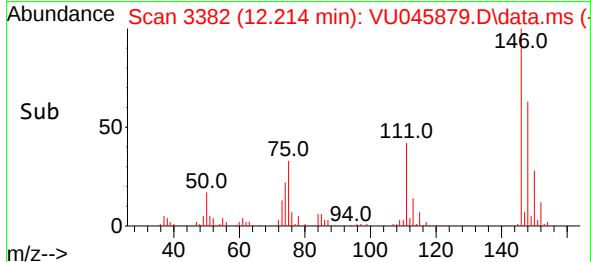
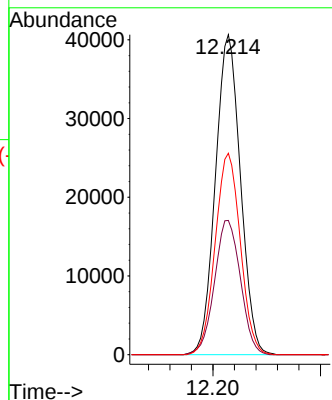
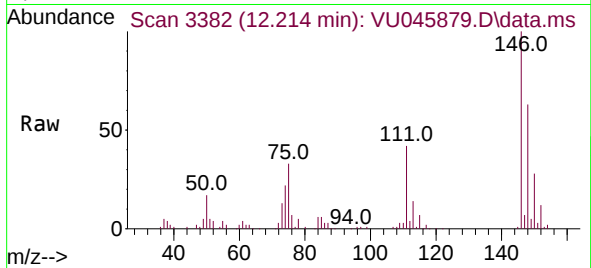




#67
 1,2-Dichlorobenzene
 Concen: 4.909 ug/L
 RT: 12.214 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU045879.D
 Acq: 18 Nov 2021 19:32

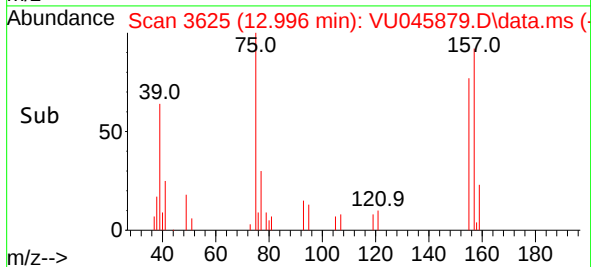
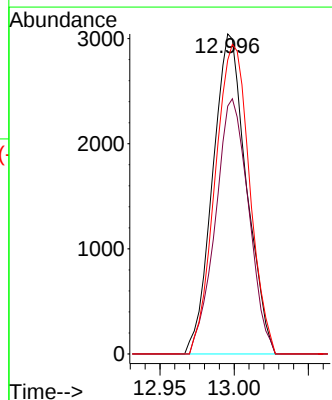
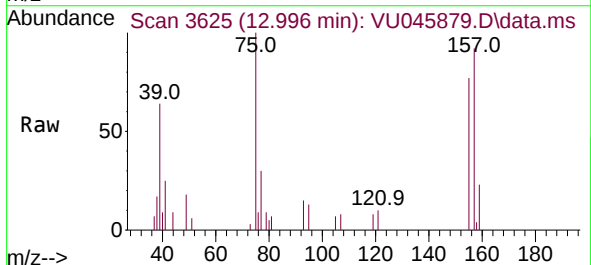
Instrument :
 MSVOA_U
 ClientSampleId :

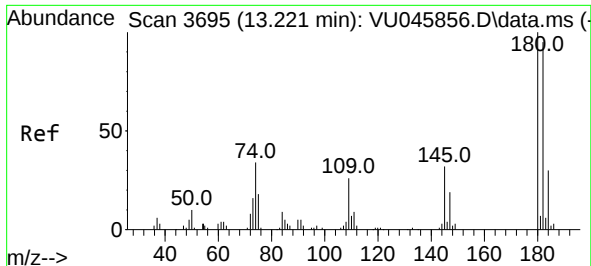
Tgt Ion:146 Resp: 65758
 Ion Ratio Lower Upper
 146 100
 111 42.0 35.4 53.0
 148 62.9 51.1 76.7



#68
 1,2-Dibromo-3-chloropropane
 Concen: 4.365 ug/L
 RT: 12.996 min Scan# 3625
 Delta R.T. -0.003 min
 Lab File: VU045879.D
 Acq: 18 Nov 2021 19:32

Tgt Ion: 75 Resp: 4809
 Ion Ratio Lower Upper
 75 100
 155 77.4 59.2 88.8
 157 91.9 76.5 114.7





#69

1,3,5-Trichlorobenzene

Concen: 4.532 ug/L

RT: 13.221 min Scan# 3695

Delta R.T. 0.000 min

Lab File: VU045879.D

Acq: 18 Nov 2021 19:32

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 47359

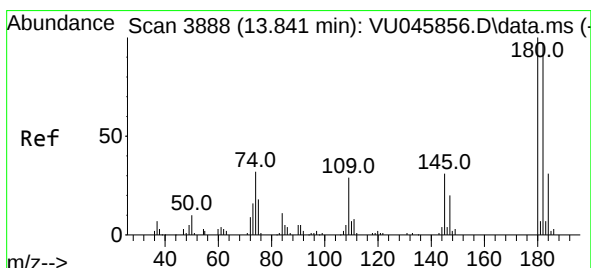
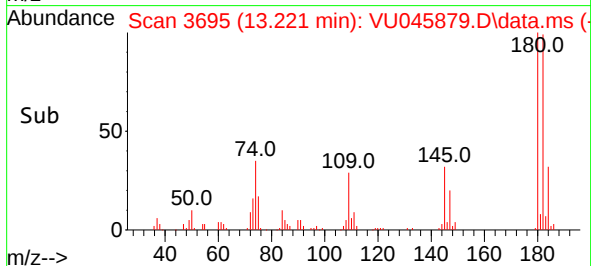
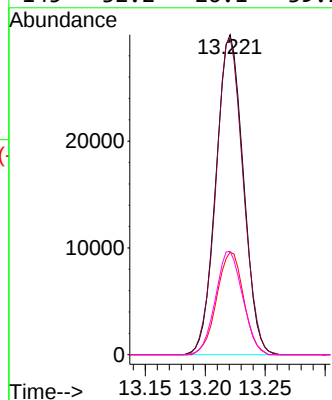
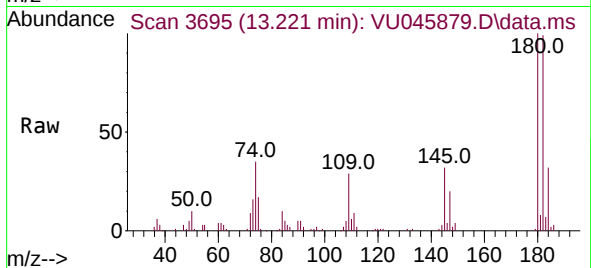
Ion Ratio Lower Upper

180 100

182 98.8 76.1 114.1

184 31.5 25.0 37.4

145 32.2 26.1 39.1



#70

1,2,4-trichlorobenzene

Concen: 4.697 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. 0.000 min

Lab File: VU045879.D

Acq: 18 Nov 2021 19:32

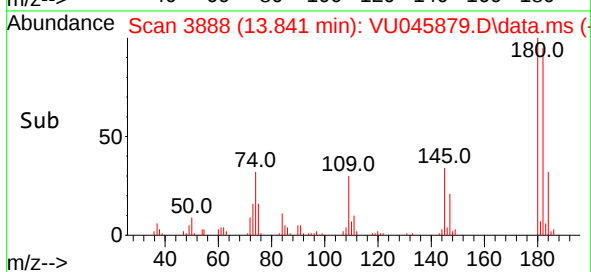
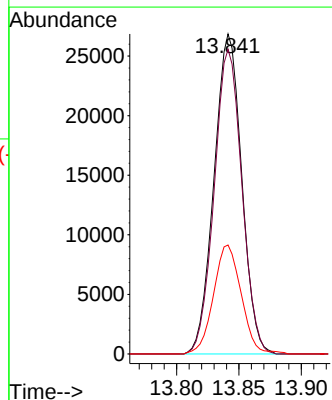
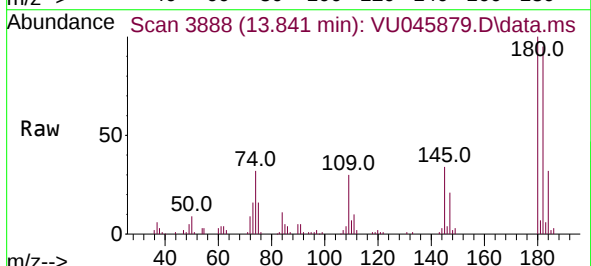
Tgt Ion:180 Resp: 41532

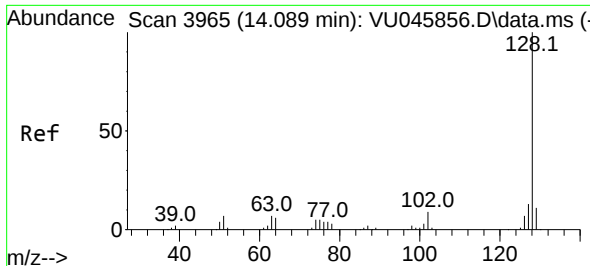
Ion Ratio Lower Upper

180 100

182 95.0 76.4 114.6

145 34.2 25.6 38.4

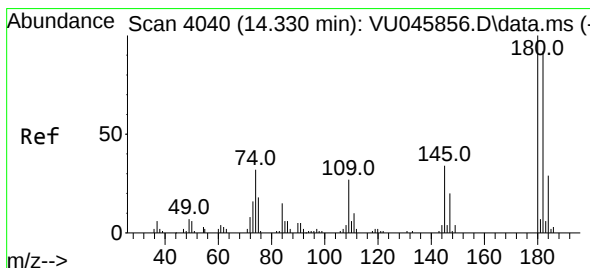
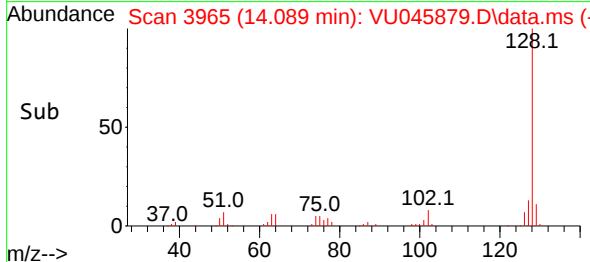
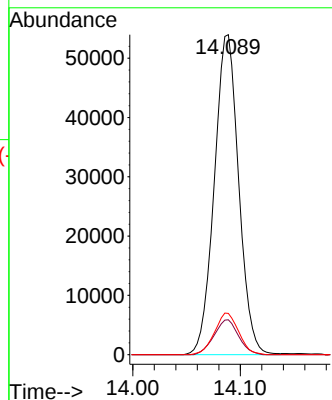
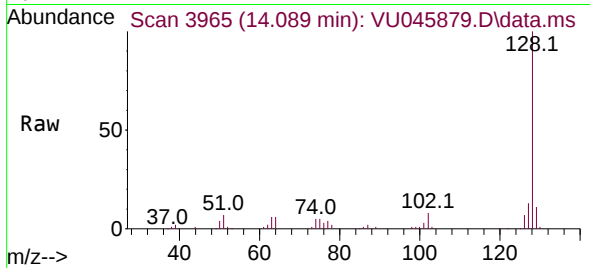




#71
Naphthalene
Concen: 4.685 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. 0.000 min
Lab File: VU045879.D
Acq: 18 Nov 2021 19:32

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 85108
Ion Ratio Lower Upper
128 100
129 10.9 8.4 12.6
127 12.8 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 4.636 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU045879.D
Acq: 18 Nov 2021 19:32

Tgt Ion:180 Resp: 40789
Ion Ratio Lower Upper
180 100
182 97.4 76.2 114.4
145 34.3 28.4 42.6

