

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060723\
 Data File : VU054410.D
 Acq On : 07 Jun 2023 14:05
 Operator : MD/SY
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV036

Quant Time: Jun 08 01:16:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jun 08 01:12:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	326036	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	308754	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	172648	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	105175	5.069	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 101.400%		
7) Chloroethane-d5	1.914	69	99472	5.120	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 102.400%		
11) 1,1-Dichloroethene-d2	2.563	65	48069	5.187	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 103.800%		
20) 2-Butanone-d5	4.631	46	321229	55.063	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 110.120%		
24) Chloroform-d	5.058	84	230292	5.310	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 106.200%		
26) 1,2-Dichloroethane-d4	5.698	65	112820	5.336	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 106.800%		
32) Benzene-d6	5.724	84	451345	5.259	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 105.200%		
36) 1,2-Dichloropropane-d6	6.685	67	151218	5.276	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 105.600%		
41) Toluene-d8	7.894	98	411094	5.397	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 108.000%		
43) trans-1,3-Dichloroprop...	8.177	79	53888	5.406	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 108.200%		
46) 2-Hexanone-d5	8.631	63	225915	54.024	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 108.040%		
56) 1,1,2,2-Tetrachloroeth...	10.749	84	114195	5.343	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 106.800%		
66) 1,2-Dichlorobenzene-d4	12.187	152	158157	5.431	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 108.600%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	147172	4.831	ug/L	98
3) Chloromethane	1.518	50	169710	4.849	ug/L	100
5) Vinyl chloride	1.605	62	179121	4.987	ug/L	97
6) Bromomethane	1.859	94	98554	4.990	ug/L	97
8) Chloroethane	1.933	64	105530	4.901	ug/L	97
9) Trichlorofluoromethane	2.136	101	215299	4.875	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	129750	5.022	ug/L	99
12) 1,1-Dichloroethene	2.579	96	118240	5.000	ug/L	95
13) Acetone	2.647	43	265127	48.200	ug/L	100
14) Carbon disulfide	2.792	76	351001	5.005	ug/L	97
15) Methyl Acetate	2.955	43	50524	4.957	ug/L	100
16) Methylene chloride	3.042	84	135187	4.065	ug/L	98
17) Methyl tert-butyl Ether	3.361	73	294680	5.049	ug/L	99
18) trans-1,2-Dichloroethene	3.351	96	121333	4.969	ug/L	98
19) 1,1-Dichloroethane	3.865	63	254227	5.031	ug/L	98
21) 2-Butanone	4.711	43	364765	51.097	ug/L	99
22) cis-1,2-Dichloroethene	4.663	96	138543	4.983	ug/L	99
23) Bromochloromethane	4.971	128	56377	4.873	ug/L	96
25) Chloroform	5.084	83	247901	4.977	ug/L	97

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 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

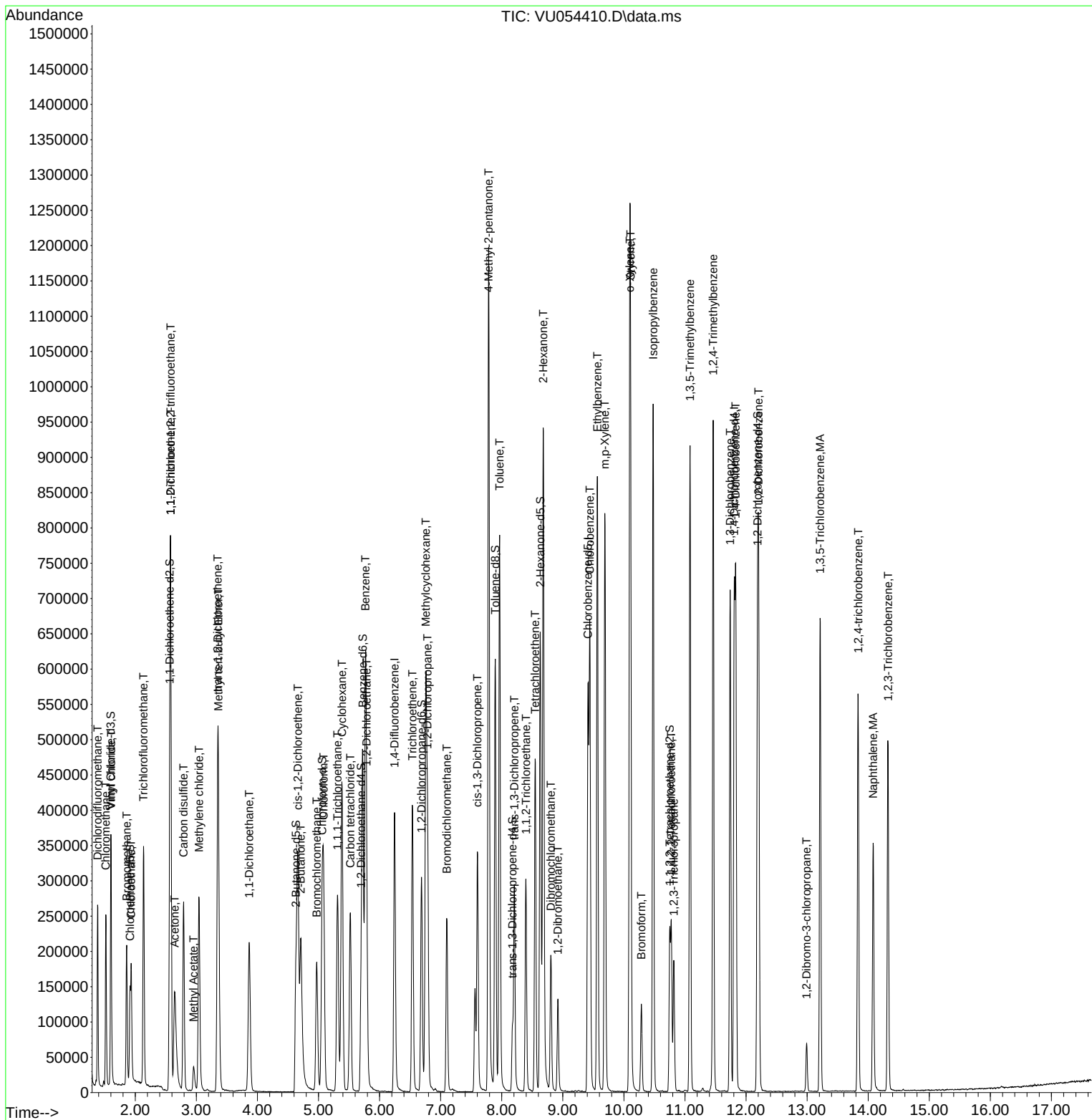
Instrument :
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 ClientSampleId :
 VICV036

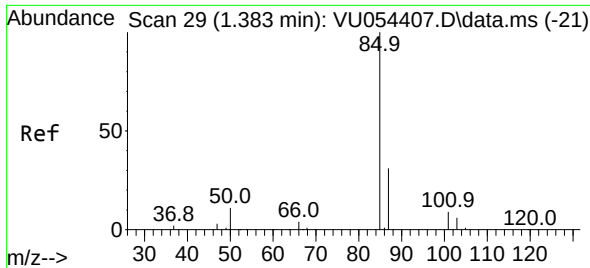
Quant Time: Jun 08 01:16:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jun 08 01:12:23 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	147594	5.055	ug/L	98
29) 1,1,1-Trichloroethane	5.312	97	208257	4.974	ug/L	99
30) Cyclohexane	5.383	56	229735	5.038	ug/L	100
31) Carbon tetrachloride	5.521	117	173198	4.801	ug/L	98
33) Benzene	5.769	78	546335	4.923	ug/L	100
34) Trichloroethene	6.537	95	141336	4.817	ug/L	97
35) Methylcyclohexane	6.759	83	220242	4.966	ug/L	99
37) 1,2-Dichloropropane	6.785	63	148392	4.946	ug/L	99
38) Bromodichloromethane	7.100	83	163814	4.823	ug/L	100
39) cis-1,3-Dichloropropene	7.602	75	208401	5.088	ug/L	100
40) 4-Methyl-2-pentanone	7.785	43	813075	50.782	ug/L	99
42) Toluene	7.965	91	571465	5.001	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	169606	5.102	ug/L	97
45) 1,1,2-Trichloroethane	8.396	97	93939	4.922	ug/L	98
47) Tetrachloroethene	8.547	164	106763	4.753	ug/L	99
48) 2-Hexanone	8.679	43	609194	51.064	ug/L	99
49) Dibromochloromethane	8.804	129	101056	5.042	ug/L	98
50) 1,2-Dibromoethane	8.920	107	87073	4.969	ug/L	100
51) Chlorobenzene	9.441	112	352658	4.951	ug/L	100
52) Ethylbenzene	9.566	91	618454	4.956	ug/L	100
53) m,p-Xylene	9.688	106	233592	5.095	ug/L	95
54) o-Xylene	10.097	106	226804	5.116	ug/L	100
55) Styrene	10.110	104	379962	5.106	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	115907	4.781	ug/L	96
59) Bromoform	10.286	173	55948	4.514	ug/L	100
60) Isopropylbenzene	10.479	105	610545	4.834	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	80365	4.606	ug/L	100
62) 1,3,5-Trimethylbenzene	11.084	105	493850	4.792	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	508639	4.860	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	279879	4.741	ug/L	97
65) 1,4-Dichlorobenzene	11.830	146	276512	4.667	ug/L	100
67) 1,2-Dichlorobenzene	12.206	146	259105	4.772	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.990	75	17458	4.553	ug/L	94
69) 1,3,5-Trichlorobenzene	13.212	180	208165	4.673	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	176686	4.797	ug/L	99
71) Naphthalene	14.080	128	278996	4.658	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	150518	4.757	ug/L	98

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

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Response via : Initial Calibration

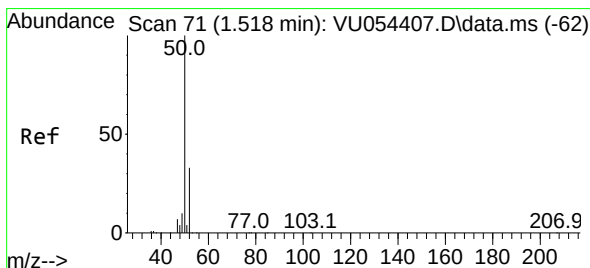
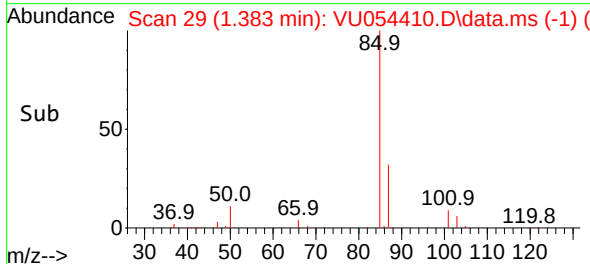
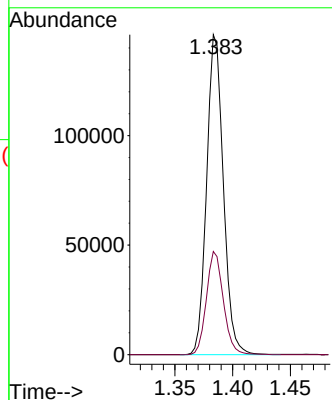
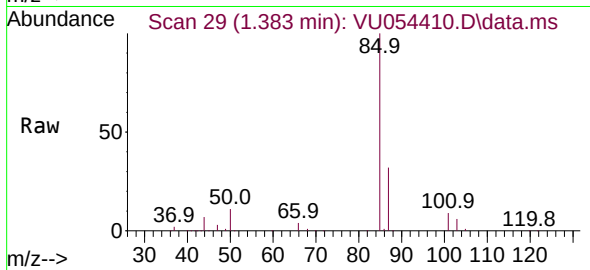




#2
 Dichlorodifluoromethane
 Concen: 4.831 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VU054410.D
 Acq: 07 Jun 2023 14:05

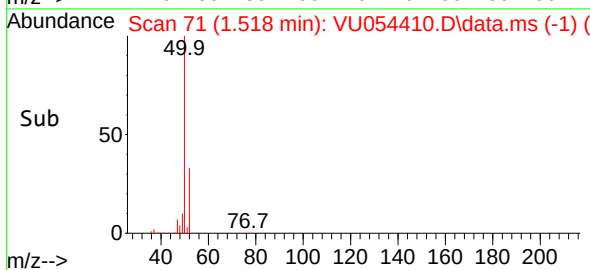
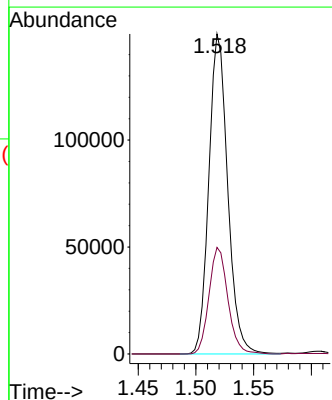
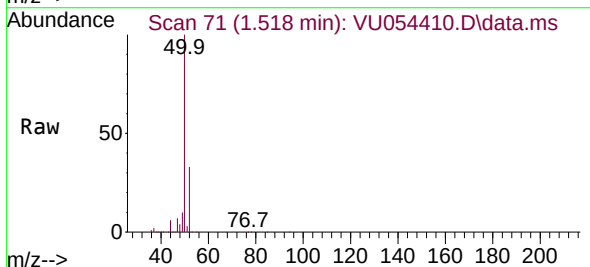
Instrument :
 MSVOA_U
 ClientSampleId :
 VICV036

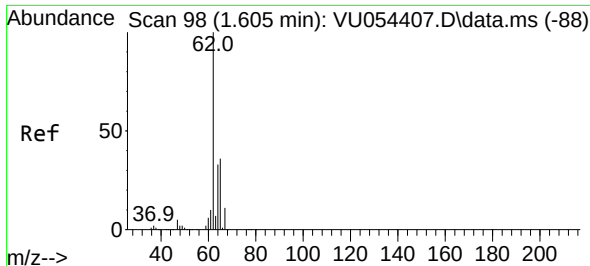
Tgt Ion: 85 Resp: 147172
 Ion Ratio Lower Upper
 85 100
 87 32.7 25.4 38.2



#3
 Chloromethane
 Concen: 4.849 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VU054410.D
 Acq: 07 Jun 2023 14:05

Tgt Ion: 50 Resp: 169710
 Ion Ratio Lower Upper
 50 100
 52 33.3 23.4 43.4

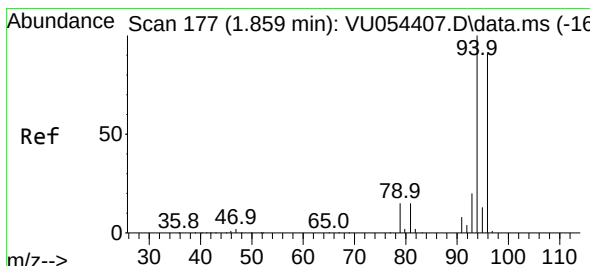
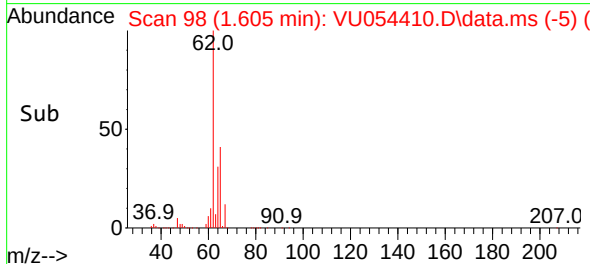
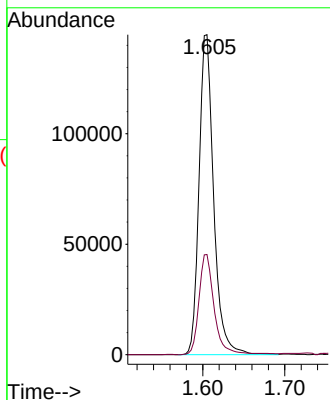
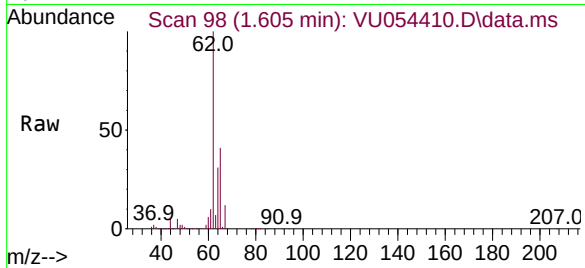




#5
 Vinyl chloride
 Concen: 4.987 ug/L
 RT: 1.605 min Scan# 98
 Delta R.T. -0.000 min
 Lab File: VU054410.D
 Acq: 07 Jun 2023 14:05

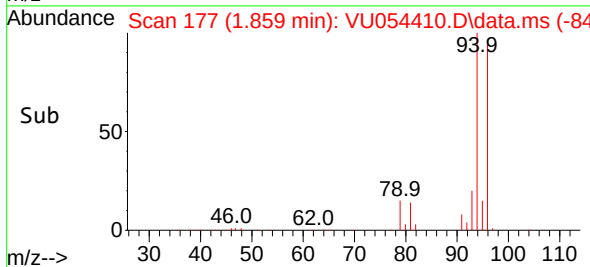
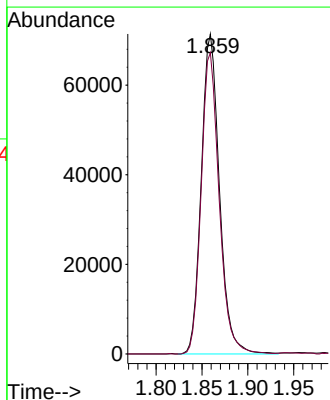
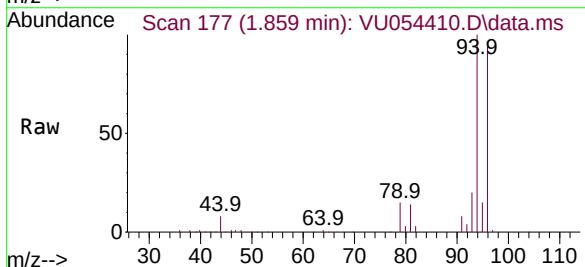
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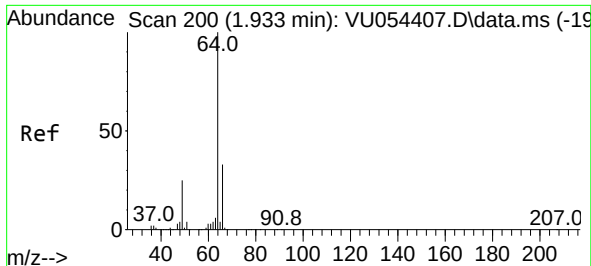
Tgt Ion: 62 Resp: 179121
 Ion Ratio Lower Upper
 62 100
 64 31.3 23.0 42.6



#6
 Bromomethane
 Concen: 4.990 ug/L
 RT: 1.859 min Scan# 177
 Delta R.T. -0.000 min
 Lab File: VU054410.D
 Acq: 07 Jun 2023 14:05

Tgt Ion: 94 Resp: 98554
 Ion Ratio Lower Upper
 94 100
 96 94.2 63.6 118.2

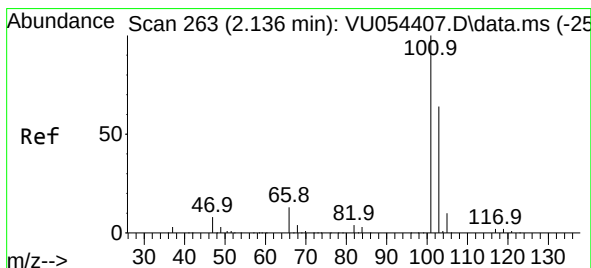
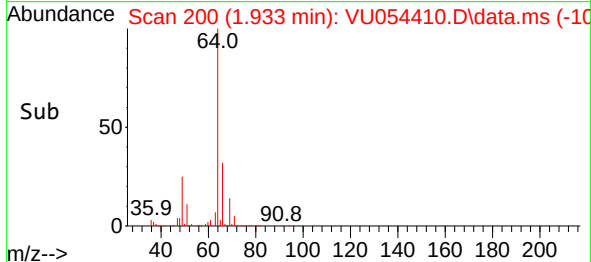
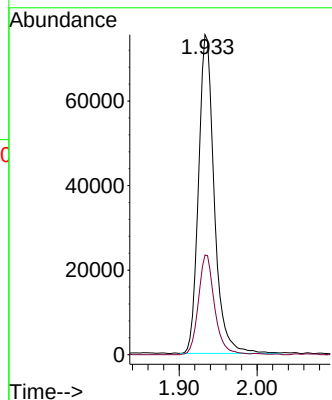
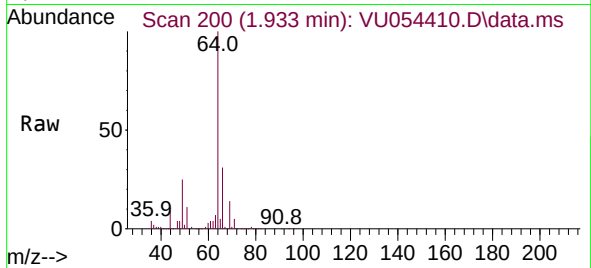




#8
Chloroethane
Concen: 4.901 ug/L
RT: 1.933 min Scan# 200
Delta R.T. -0.000 min
Lab File: VU054410.D
Acq: 07 Jun 2023 14:05

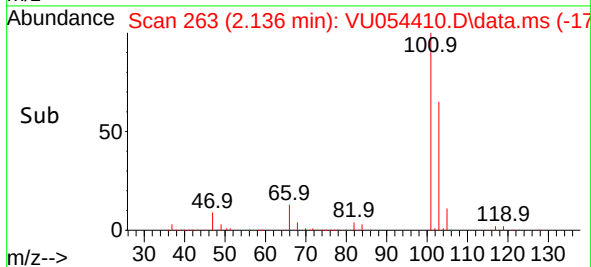
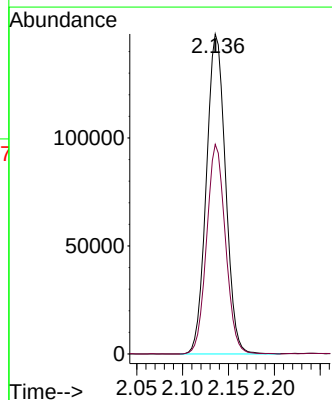
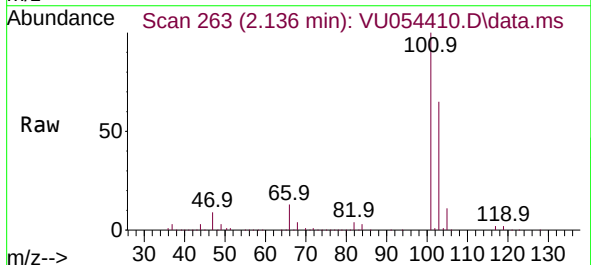
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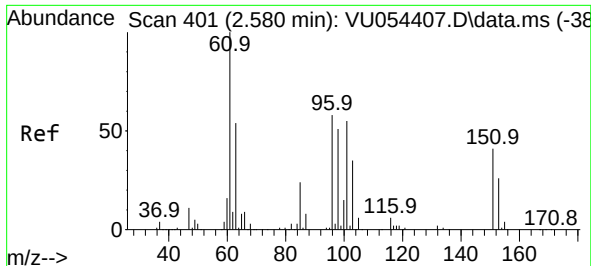
Tgt Ion: 64 Resp: 105530
Ion Ratio Lower Upper
64 100
66 31.2 22.9 42.5



#9
Trichlorofluoromethane
Concen: 4.875 ug/L
RT: 2.136 min Scan# 263
Delta R.T. -0.000 min
Lab File: VU054410.D
Acq: 07 Jun 2023 14:05

Tgt Ion: 101 Resp: 215299
Ion Ratio Lower Upper
101 100
103 64.5 50.6 75.8

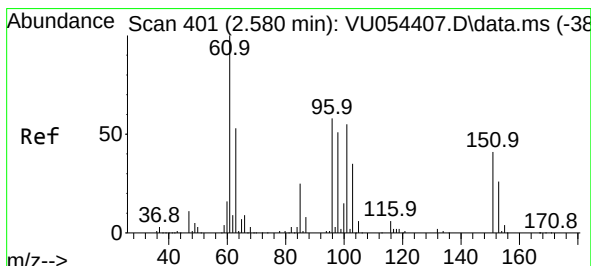
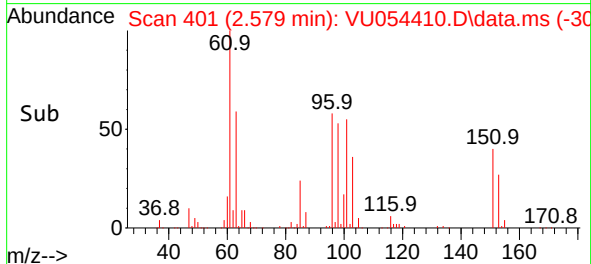
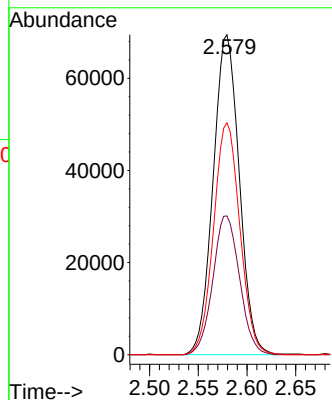
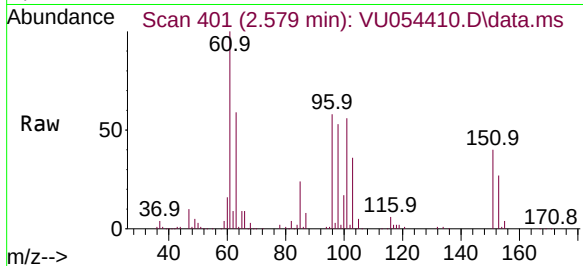




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.022 ug/L
 RT: 2.579 min Scan# 401
 Delta R.T. -0.000 min
 Lab File: VU054410.D
 Acq: 07 Jun 2023 14:05

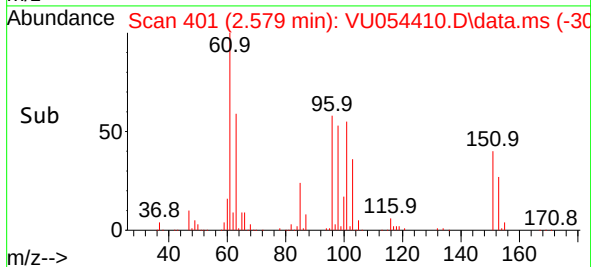
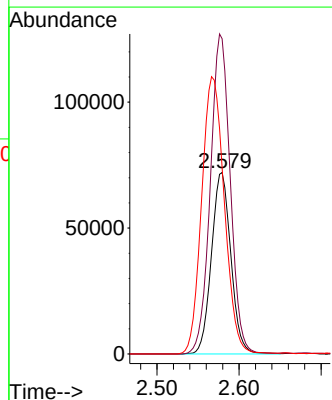
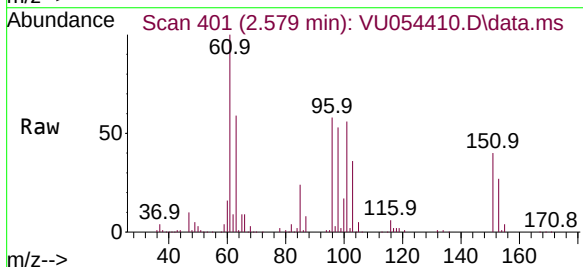
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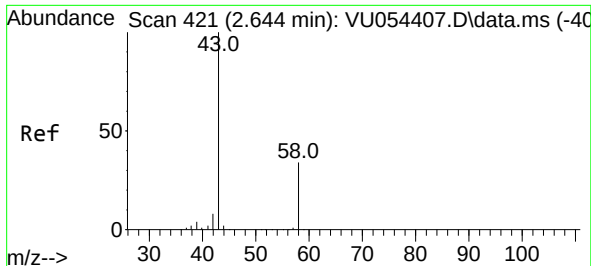
Tgt Ion:101 Resp: 129750
 Ion Ratio Lower Upper
 101 100
 85 44.2 34.6 51.8
 151 73.0 57.7 86.5



#12
 1,1-Dichloroethene
 Concen: 5.000 ug/L
 RT: 2.579 min Scan# 401
 Delta R.T. -0.001 min
 Lab File: VU054410.D
 Acq: 07 Jun 2023 14:05

Tgt Ion: 96 Resp: 118240
 Ion Ratio Lower Upper
 96 100
 61 173.7 119.9 222.7
 63 102.7 64.3 119.3





#13

Acetone

Concen: 48.200 ug/L

RT: 2.647 min Scan# 421

Delta R.T. 0.003 min

Lab File: VU054410.D

Acq: 07 Jun 2023 14:05

Instrument :

MSVOA_U

ClientSampleId :

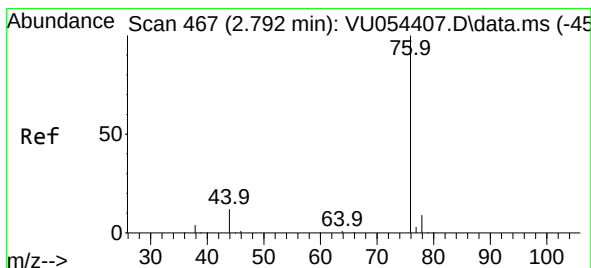
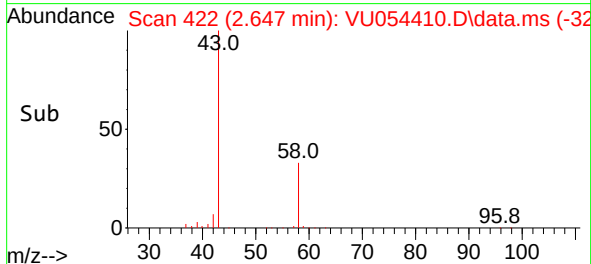
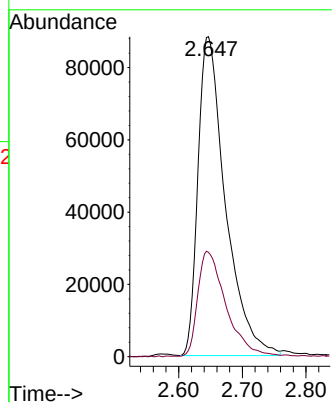
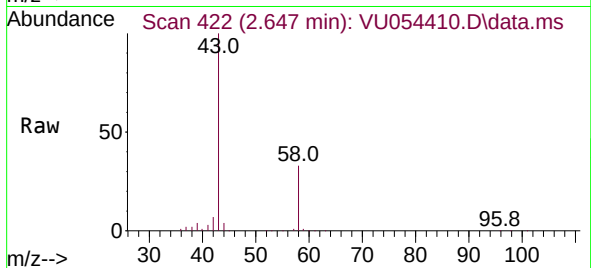
VICV036

Tgt Ion: 43 Resp: 265127

Ion Ratio Lower Upper

43 100

58 33.5 0.0 67.2



#14

Carbon disulfide

Concen: 5.005 ug/L

RT: 2.792 min Scan# 467

Delta R.T. -0.000 min

Lab File: VU054410.D

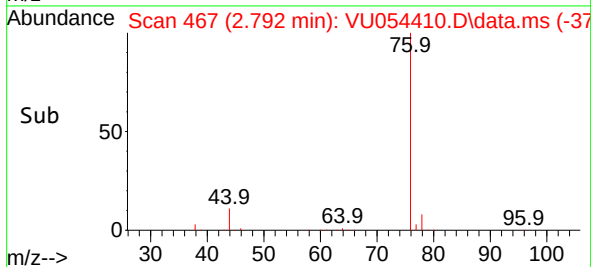
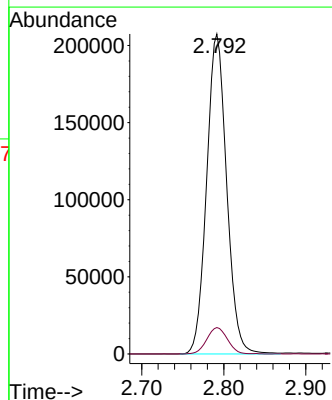
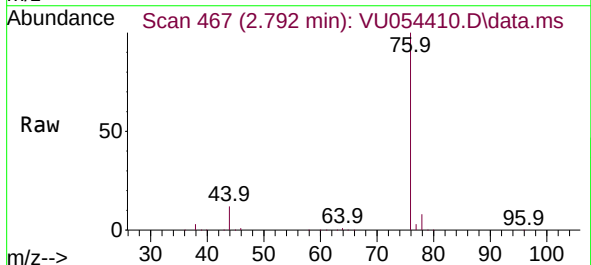
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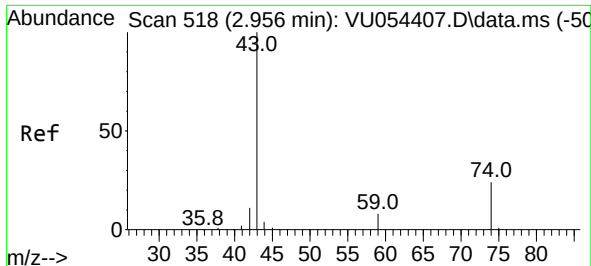
Tgt Ion: 76 Resp: 351001

Ion Ratio Lower Upper

76 100

78 8.3 7.4 11.0

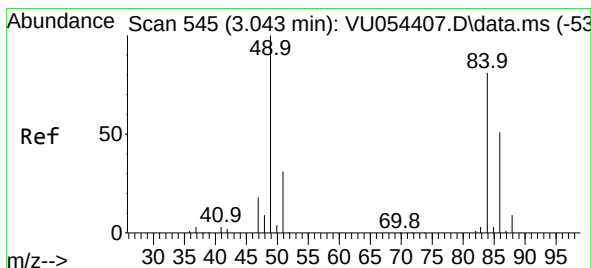
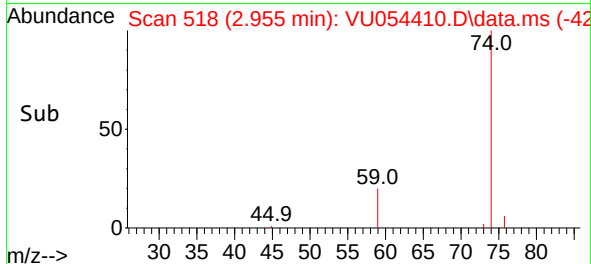
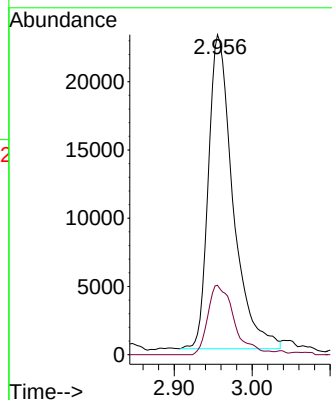
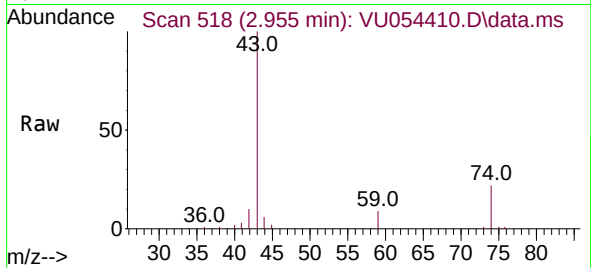




#15
Methyl Acetate
Concen: 4.957 ug/L
RT: 2.955 min Scan# 518
Delta R.T. -0.000 min
Lab File: VU054410.D
Acq: 07 Jun 2023 14:05

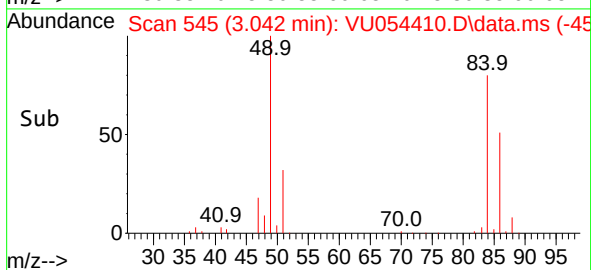
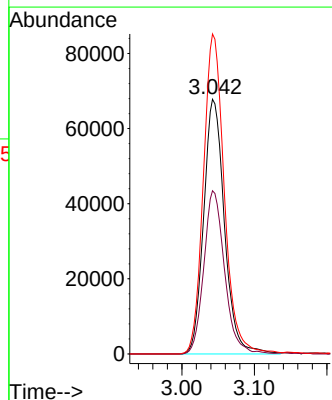
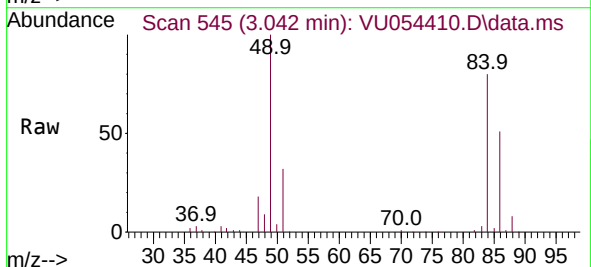
Instrument :
MSVOA_U
ClientSampleId :
VICV036

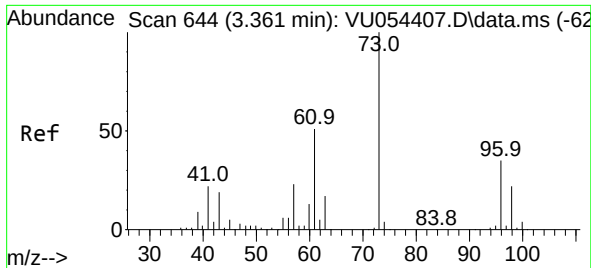
Tgt Ion: 43 Resp: 50524
Ion Ratio Lower Upper
43 100
74 23.8 19.0 28.6



#16
Methylene chloride
Concen: 4.065 ug/L
RT: 3.042 min Scan# 545
Delta R.T. -0.000 min
Lab File: VU054410.D
Acq: 07 Jun 2023 14:05

Tgt Ion: 84 Resp: 135187
Ion Ratio Lower Upper
84 100
86 64.1 43.9 81.5
49 125.6 86.1 159.9

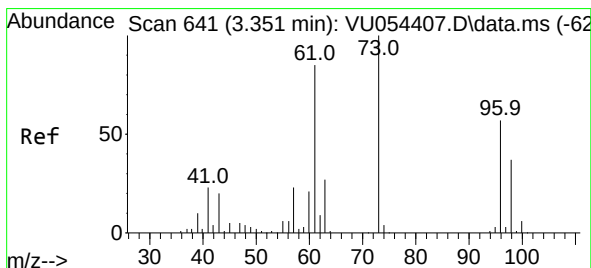
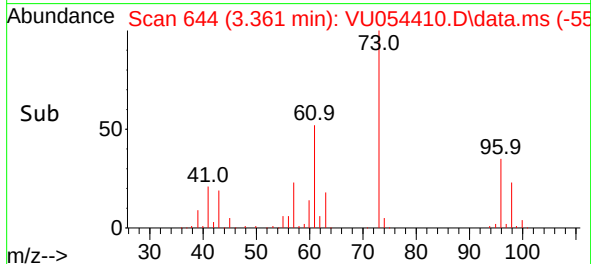
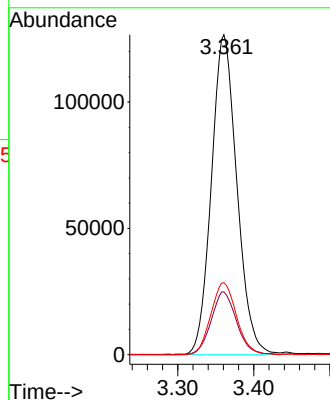
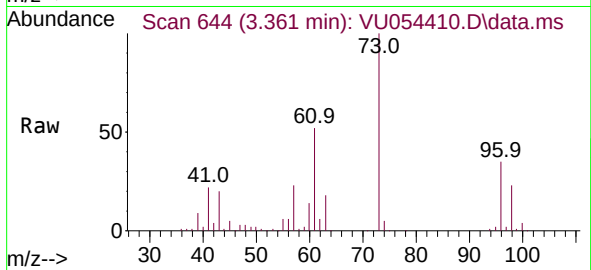




#17
Methyl tert-butyl Ether
Concen: 5.049 ug/L
RT: 3.361 min Scan# 644
Delta R.T. -0.000 min
Lab File: VU054410.D
Acq: 07 Jun 2023 14:05

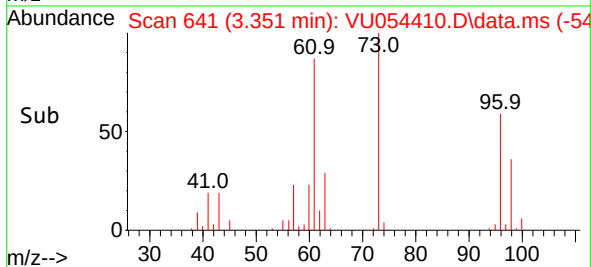
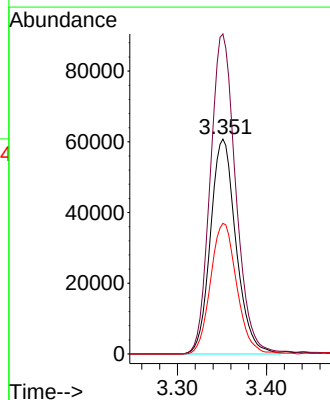
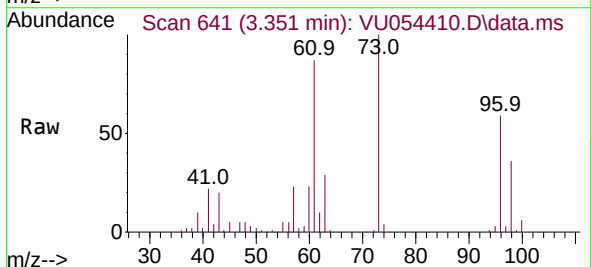
Instrument :
MSVOA_U
ClientSampleId :
VICV036

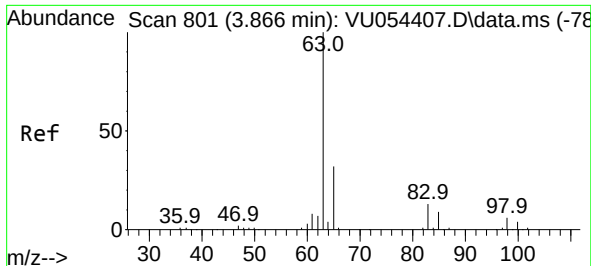
Tgt Ion: 73 Resp: 294680
Ion Ratio Lower Upper
73 100
43 19.3 15.7 23.5
57 22.6 18.6 28.0



#18
trans-1,2-Dichloroethene
Concen: 4.969 ug/L
RT: 3.351 min Scan# 641
Delta R.T. -0.000 min
Lab File: VU054410.D
Acq: 07 Jun 2023 14:05

Tgt Ion: 96 Resp: 121333
Ion Ratio Lower Upper
96 100
61 148.9 104.6 194.2
98 60.8 45.4 84.4

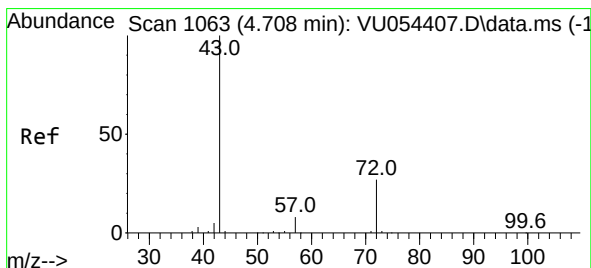
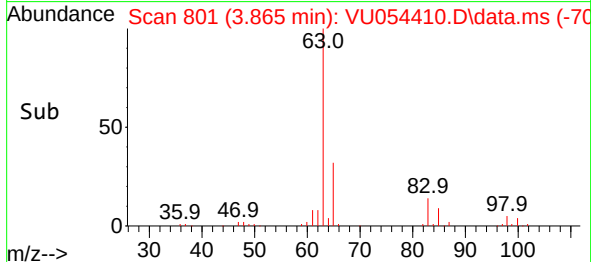
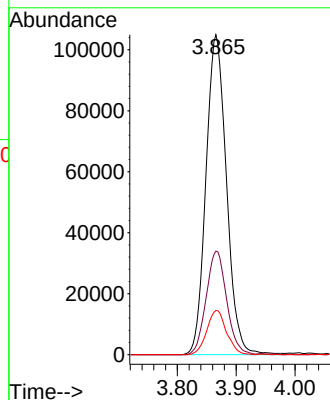
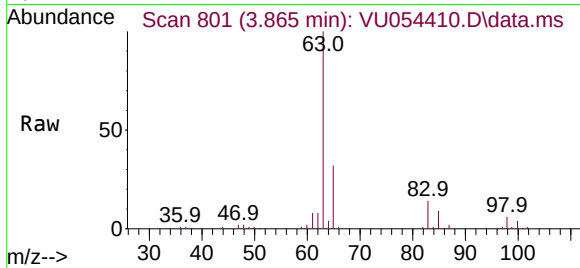




#19
1,1-Dichloroethane
Concen: 5.031 ug/L
RT: 3.865 min Scan# 801
Delta R.T. -0.000 min
Lab File: VU054410.D
Acq: 07 Jun 2023 14:05

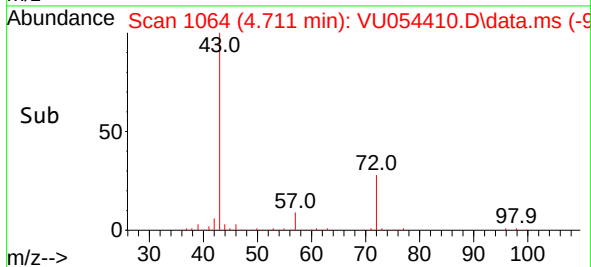
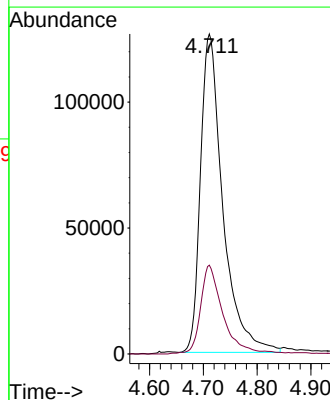
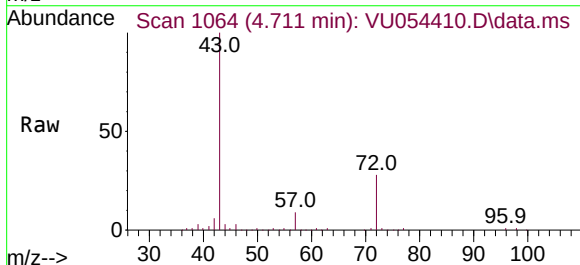
Instrument :
MSVOA_U
ClientSampleId :
VICV036

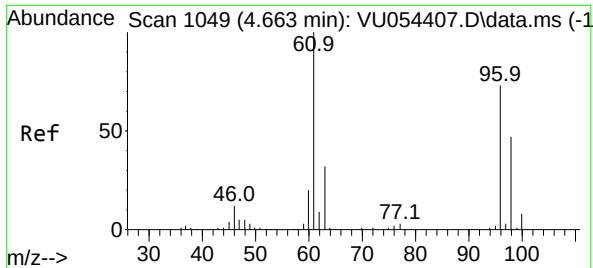
Tgt Ion: 63 Resp: 254227
Ion Ratio Lower Upper
63 100
65 32.3 22.2 41.2
83 13.8 9.0 16.6



#21
2-Butanone
Concen: 51.097 ug/L
RT: 4.711 min Scan# 1064
Delta R.T. 0.003 min
Lab File: VU054410.D
Acq: 07 Jun 2023 14:05

Tgt Ion: 43 Resp: 364765
Ion Ratio Lower Upper
43 100
72 27.3 13.4 40.1

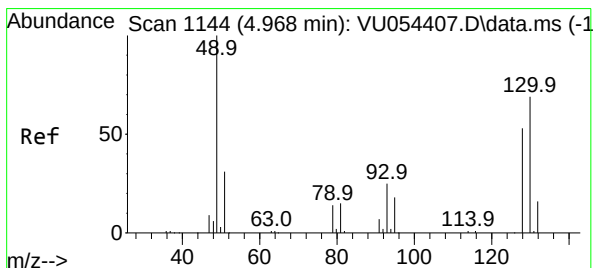
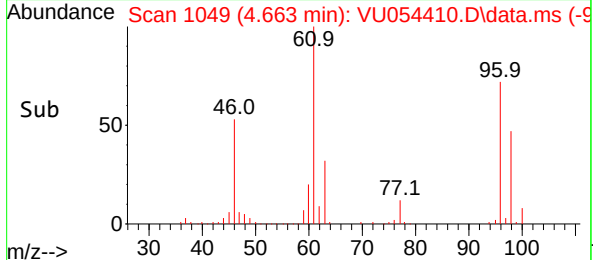
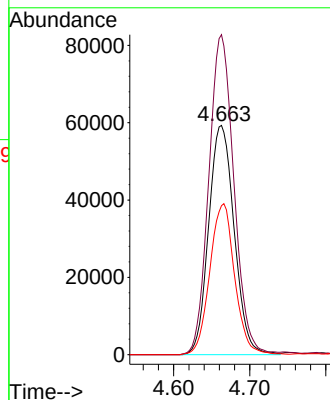
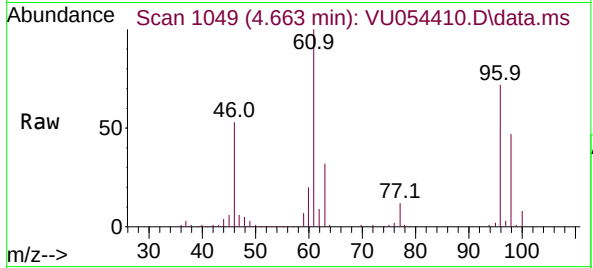




#22
 cis-1,2-Dichloroethene
 Concen: 4.983 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. -0.000 min
 Lab File: VU054410.D
 Acq: 07 Jun 2023 14:05

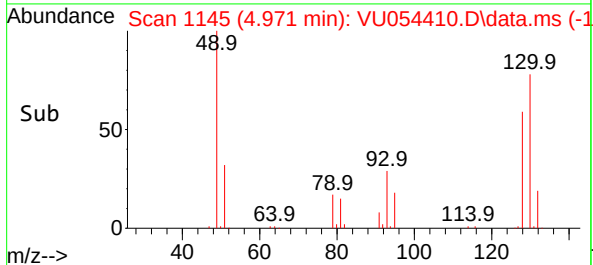
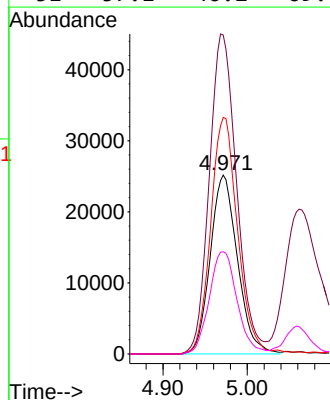
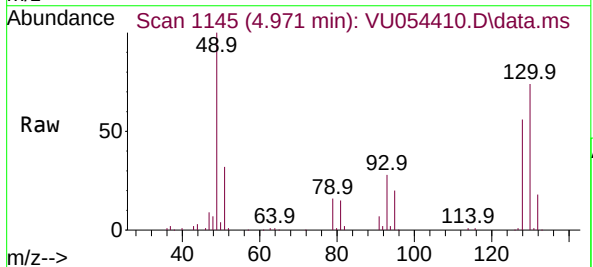
Instrument :
 MSVOA_U
 ClientSampleId :
 VICV036

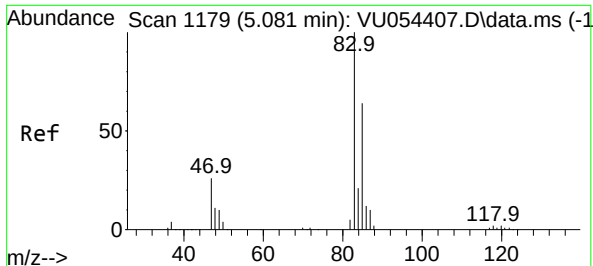
Tgt Ion: 96 Resp: 138543
 Ion Ratio Lower Upper
 96 100
 61 139.6 96.5 179.1
 98 65.0 44.9 83.3



#23
 Bromochloromethane
 Concen: 4.873 ug/L
 RT: 4.971 min Scan# 1145
 Delta R.T. 0.003 min
 Lab File: VU054410.D
 Acq: 07 Jun 2023 14:05

Tgt Ion:128 Resp: 56377
 Ion Ratio Lower Upper
 128 100
 49 178.3 132.1 245.3
 130 132.2 91.5 169.9
 51 57.1 46.2 69.4





#25

Chloroform

Concen: 4.977 ug/L

RT: 5.084 min Scan# 1179

Delta R.T. 0.003 min

Lab File: VU054410.D

Acq: 07 Jun 2023 14:05

Instrument :

MSVOA_U

ClientSampleId :

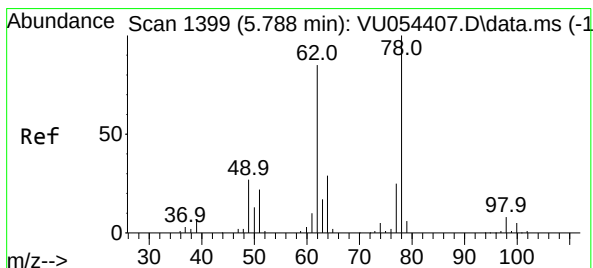
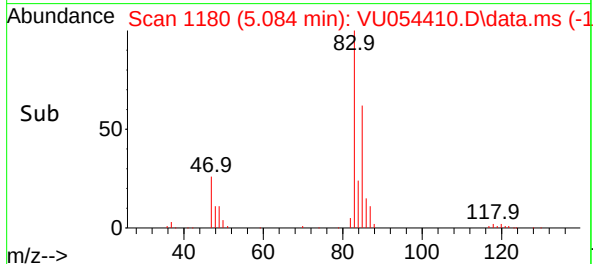
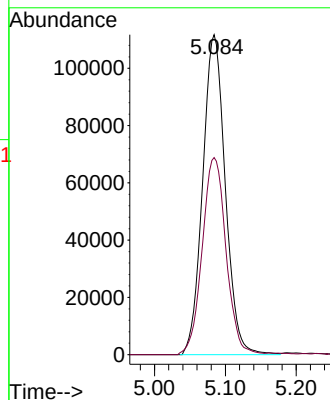
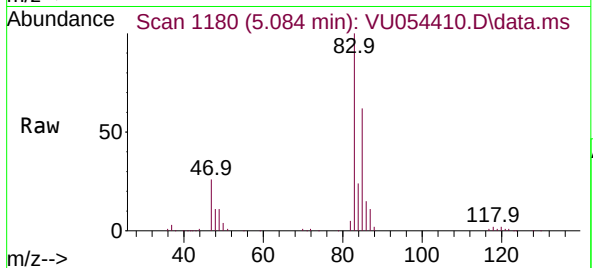
VICV036

Tgt Ion: 83 Resp: 247901

Ion Ratio Lower Upper

83 100

85 61.6 44.7 82.9



#27

1,2-Dichloroethane

Concen: 5.055 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. -0.000 min

Lab File: VU054410.D

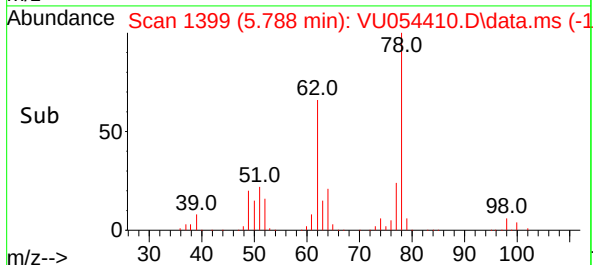
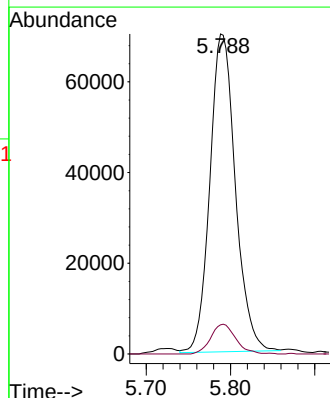
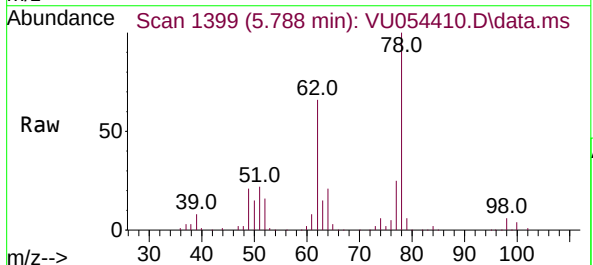
Acq: 07 Jun 2023 14:05

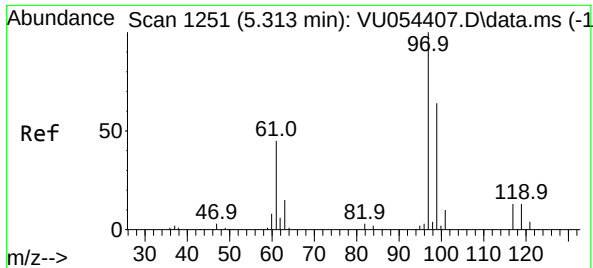
Tgt Ion: 62 Resp: 147594

Ion Ratio Lower Upper

62 100

98 9.1 7.8 11.6





#29

1,1,1-Trichloroethane

Concen: 4.974 ug/L

RT: 5.312 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU054410.D

Acq: 07 Jun 2023 14:05

Instrument :

MSVOA_U

ClientSampleId :

VICV036

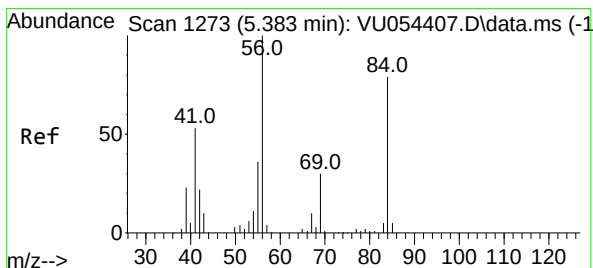
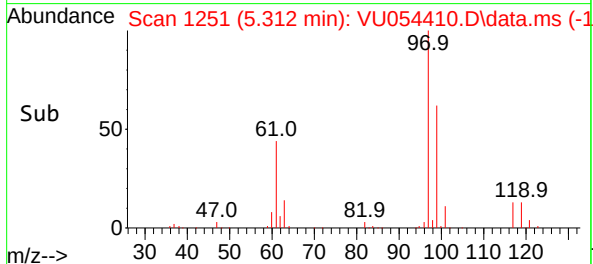
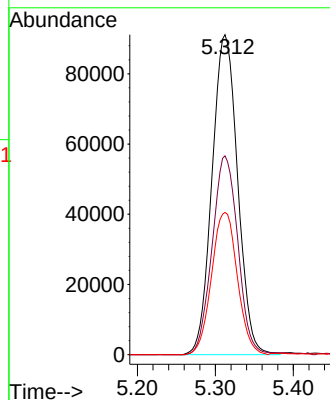
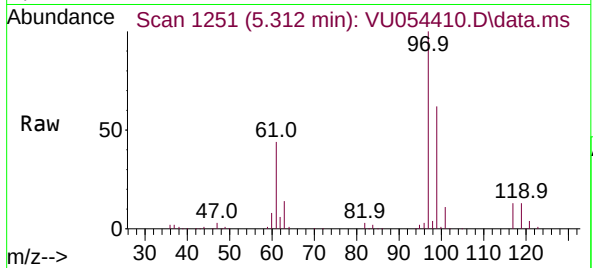
Tgt Ion: 97 Resp: 208257

Ion Ratio Lower Upper

97 100

99 62.5 50.8 76.2

61 44.8 36.1 54.1



#30

Cyclohexane

Concen: 5.038 ug/L

RT: 5.383 min Scan# 1273

Delta R.T. -0.000 min

Lab File: VU054410.D

Acq: 07 Jun 2023 14:05

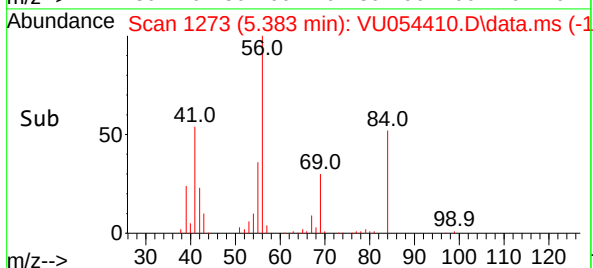
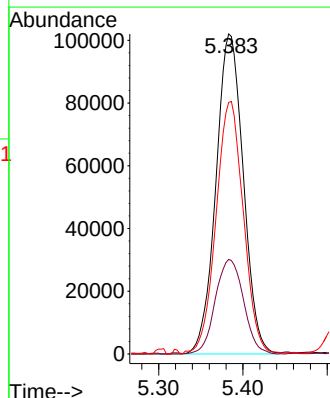
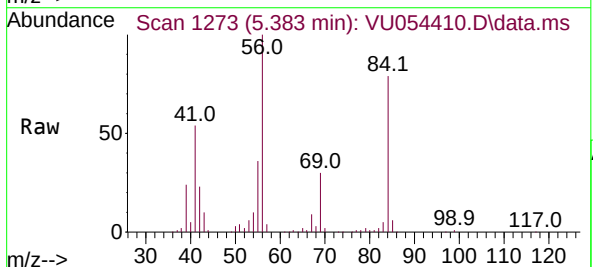
Tgt Ion: 56 Resp: 229735

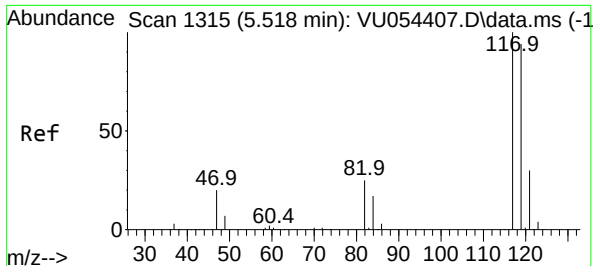
Ion Ratio Lower Upper

56 100

69 30.4 23.9 35.9

84 79.0 63.0 94.6

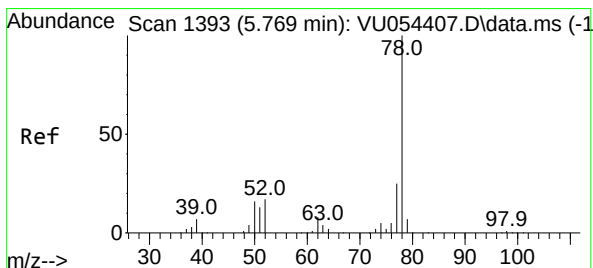
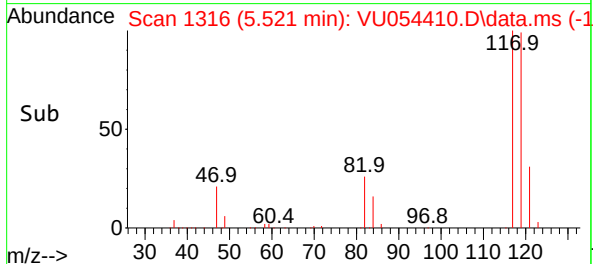
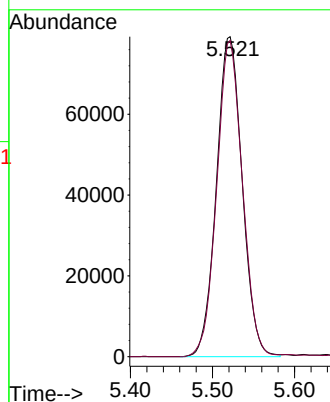
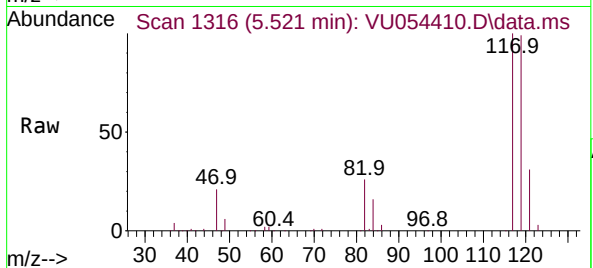




#31
Carbon tetrachloride
Concen: 4.801 ug/L
RT: 5.521 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU054410.D
Acq: 07 Jun 2023 14:05

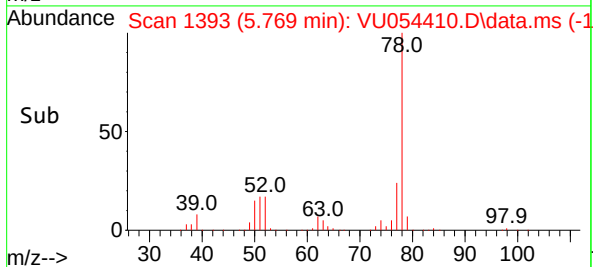
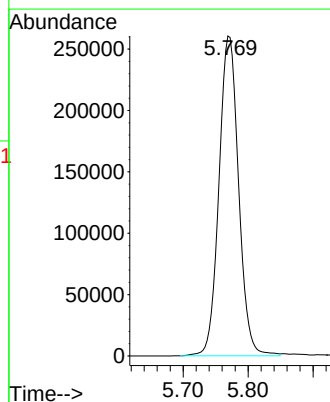
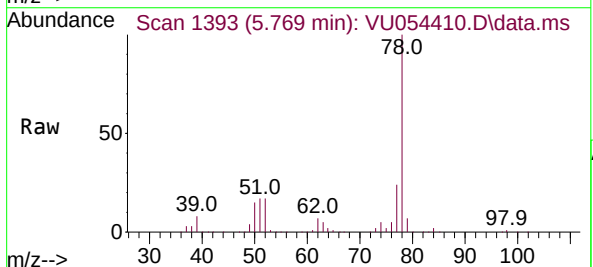
Instrument :
MSVOA_U
ClientSampleId :
VICV036

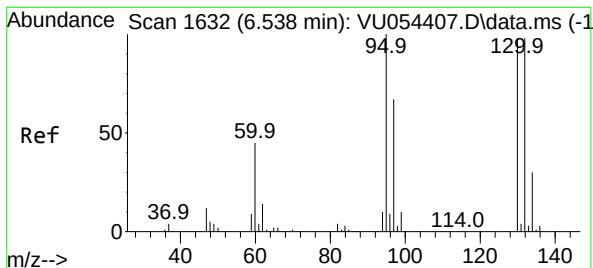
Tgt Ion:117 Resp: 173198
Ion Ratio Lower Upper
117 100
119 98.1 76.8 115.2



#33
Benzene
Concen: 4.923 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. -0.000 min
Lab File: VU054410.D
Acq: 07 Jun 2023 14:05

Tgt Ion: 78 Resp: 546335





#34

Trichloroethene

Concen: 4.817 ug/L

RT: 6.537 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU054410.D

Acq: 07 Jun 2023 14:05

Instrument :

MSVOA_U

ClientSampleId :

VICV036

Tgt Ion: 95 Resp: 141336

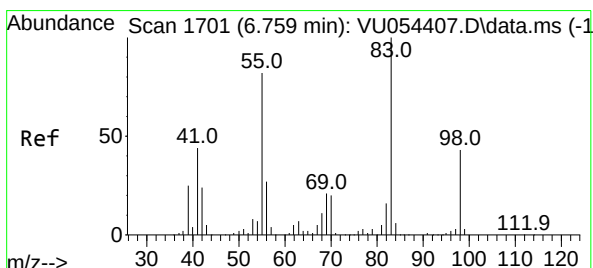
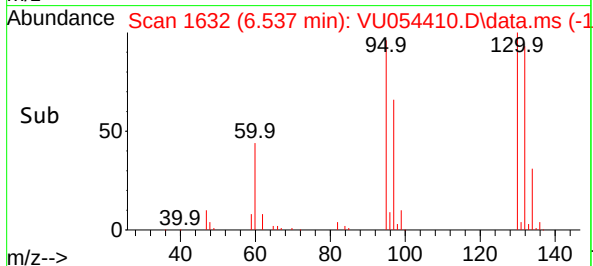
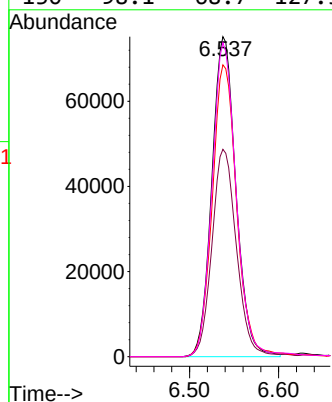
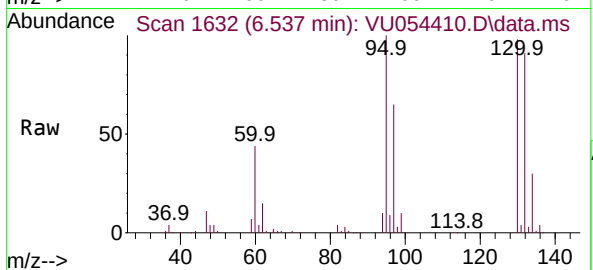
Ion Ratio Lower Upper

95 100

97 64.8 46.8 87.0

132 91.2 68.4 127.0

130 98.1 68.7 127.5



#35

Methylcyclohexane

Concen: 4.966 ug/L

RT: 6.759 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VU054410.D

Acq: 07 Jun 2023 14:05

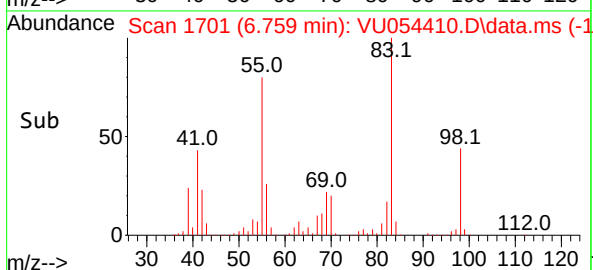
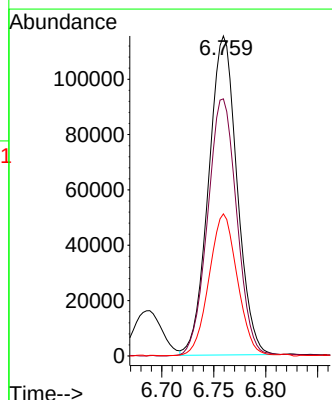
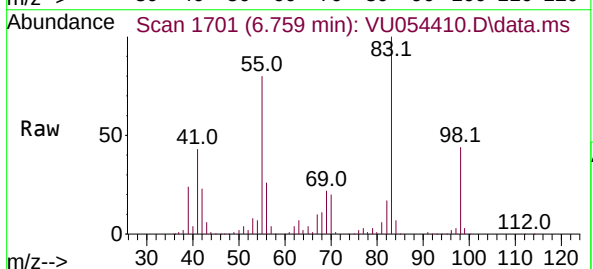
Tgt Ion: 83 Resp: 220242

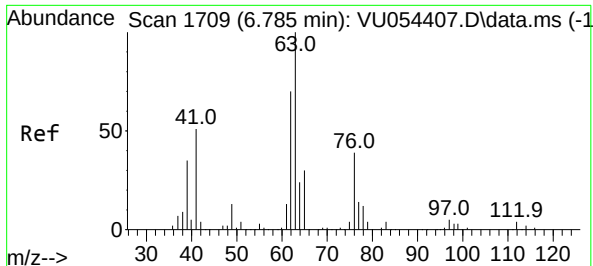
Ion Ratio Lower Upper

83 100

55 82.5 67.1 100.7

98 44.0 35.1 52.7





#37

1,2-Dichloropropane

Concen: 4.946 ug/L

RT: 6.785 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU054410.D

Acq: 07 Jun 2023 14:05

Instrument :

MSVOA_U

ClientSampleId :

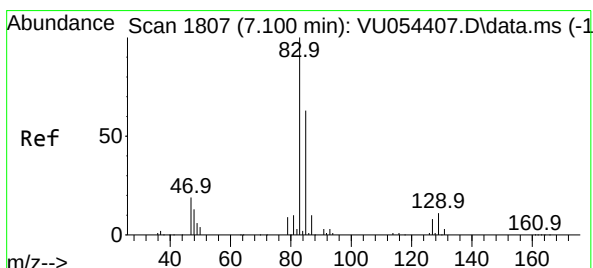
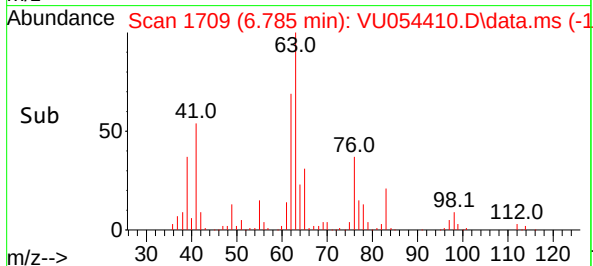
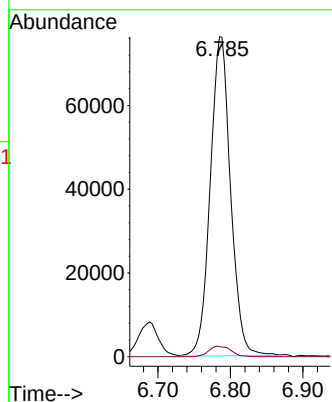
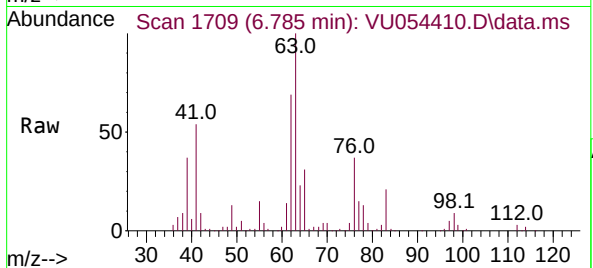
VICV036

Tgt Ion: 63 Resp: 148392

Ion Ratio Lower Upper

63 100

112 3.6 3.0 4.6



#38

Bromodichloromethane

Concen: 4.823 ug/L

RT: 7.100 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VU054410.D

Acq: 07 Jun 2023 14:05

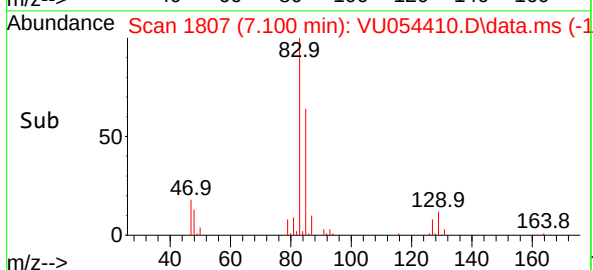
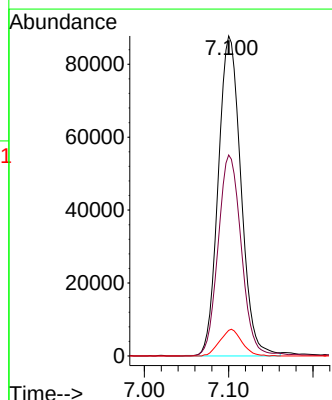
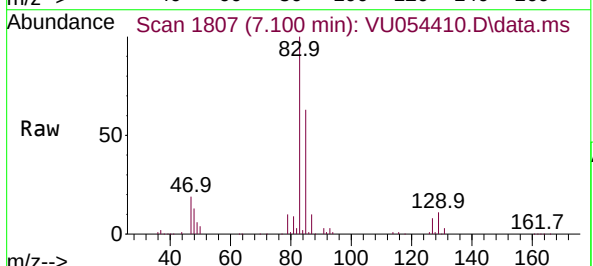
Tgt Ion: 83 Resp: 163814

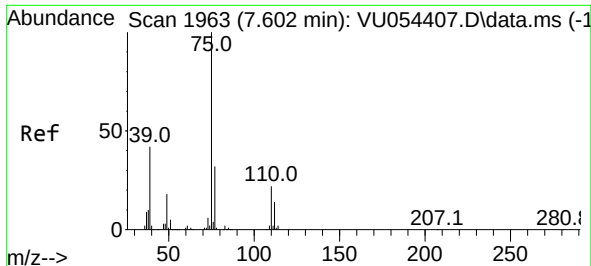
Ion Ratio Lower Upper

83 100

85 62.8 44.1 81.9

127 8.0 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 5.088 ug/L

RT: 7.602 min Scan# 1963

Delta R.T. -0.000 min

Lab File: VU054410.D

Acq: 07 Jun 2023 14:05

Instrument :

MSVOA_U

ClientSampleId :

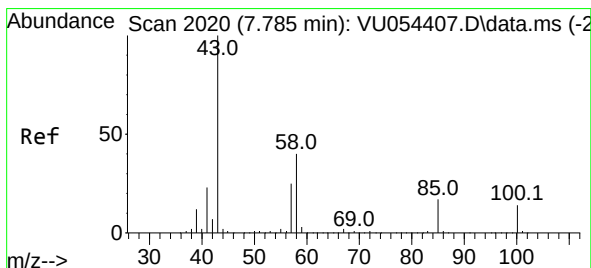
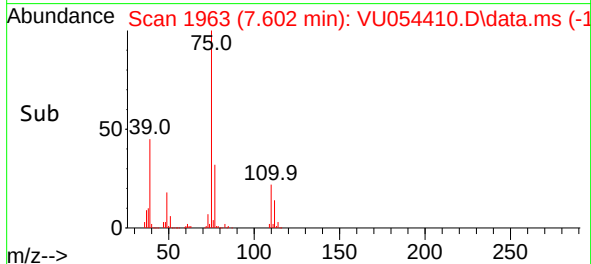
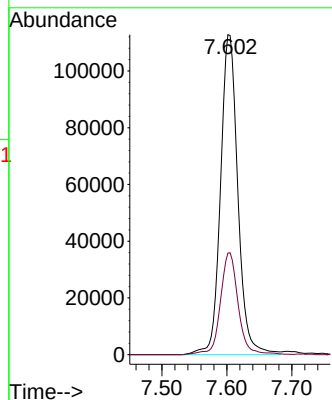
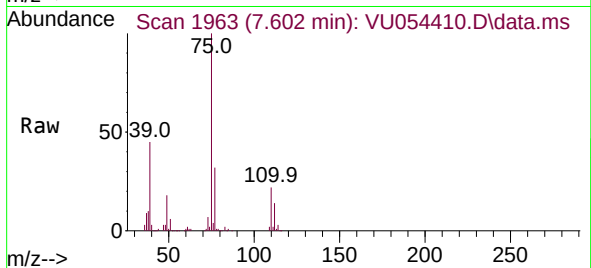
VICV036

Tgt Ion: 75 Resp: 208401

Ion Ratio Lower Upper

75 100

77 31.7 22.3 41.5



#40

4-Methyl-2-pentanone

Concen: 50.782 ug/L

RT: 7.785 min Scan# 2020

Delta R.T. -0.000 min

Lab File: VU054410.D

Acq: 07 Jun 2023 14:05

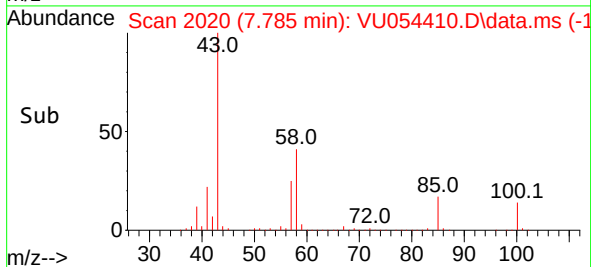
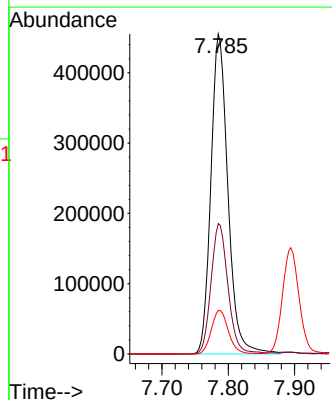
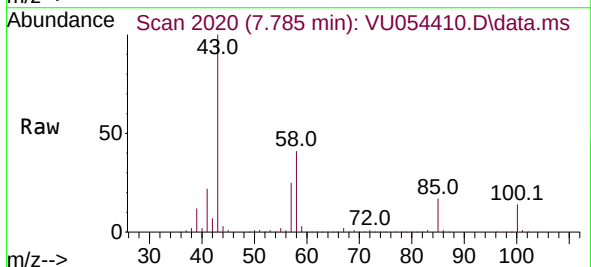
Tgt Ion: 43 Resp: 813075

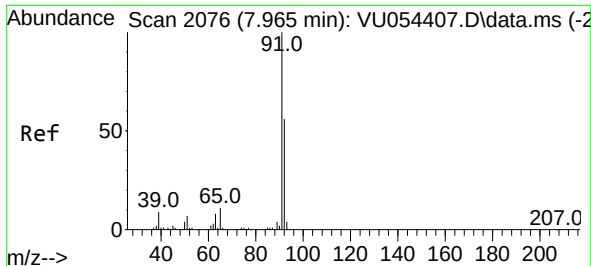
Ion Ratio Lower Upper

43 100

58 40.8 32.4 48.6

100 13.7 11.4 17.2





#42

Toluene

Concen: 5.001 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. -0.000 min

Lab File: VU054410.D

Acq: 07 Jun 2023 14:05

Instrument :

MSVOA_U

ClientSampleId :

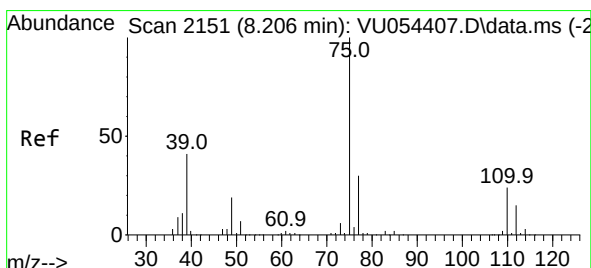
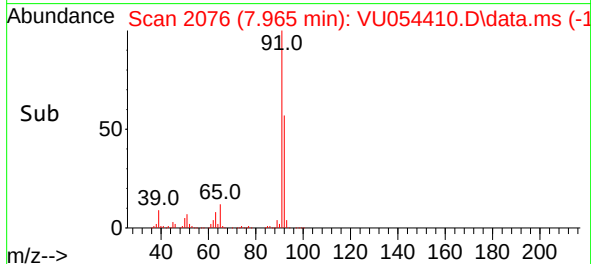
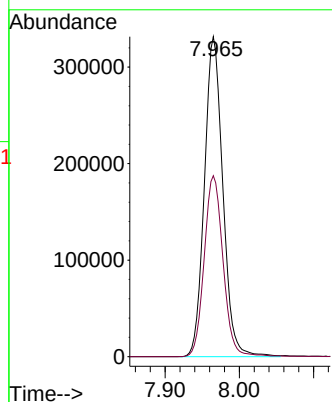
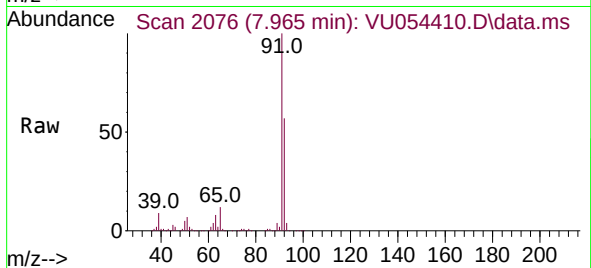
VICV036

Tgt Ion: 91 Resp: 571465

Ion Ratio Lower Upper

91 100

92 56.6 39.5 73.4



#44

trans-1,3-Dichloropropene

Concen: 5.102 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. -0.000 min

Lab File: VU054410.D

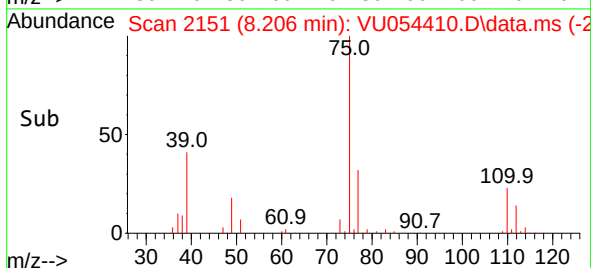
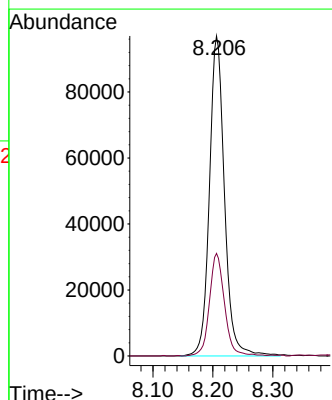
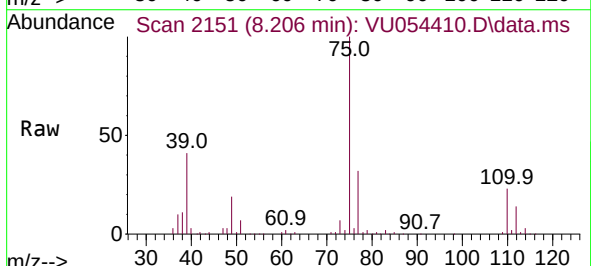
Acq: 07 Jun 2023 14:05

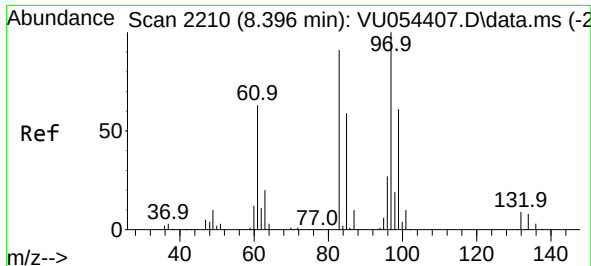
Tgt Ion: 75 Resp: 169606

Ion Ratio Lower Upper

75 100

77 32.0 21.3 39.6

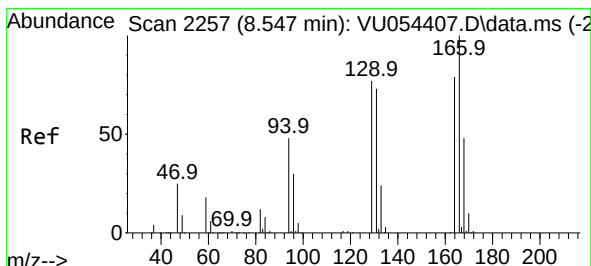
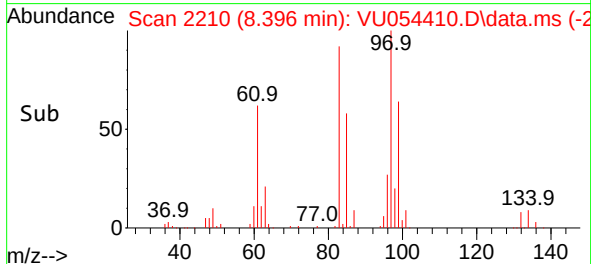
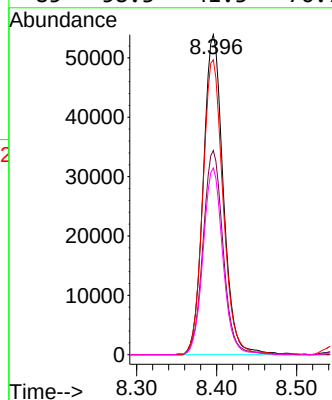
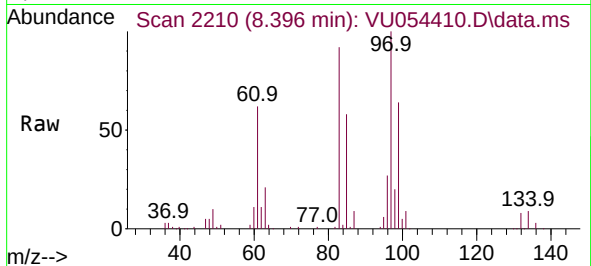




#45
1,1,2-Trichloroethane
Concen: 4.922 ug/L
RT: 8.396 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VU054410.D
Acq: 07 Jun 2023 14:05

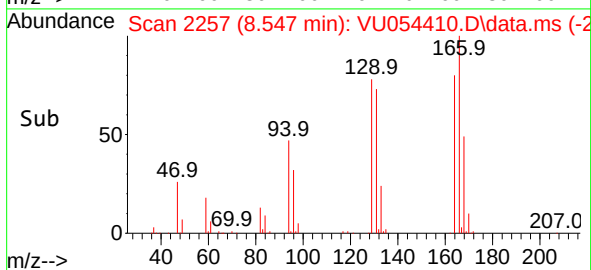
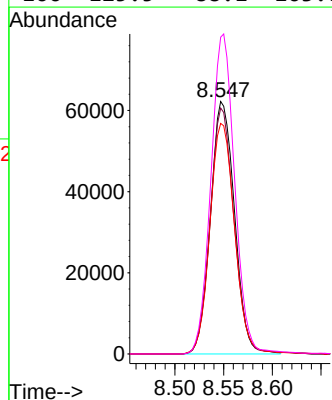
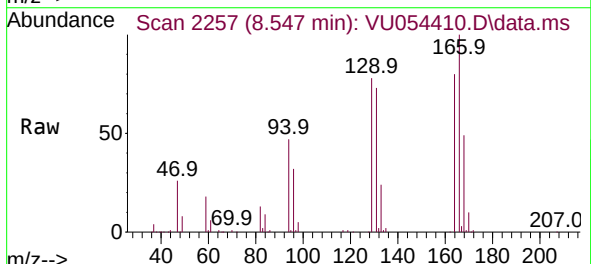
Instrument :
MSVOA_U
ClientSampleId :
VICV036

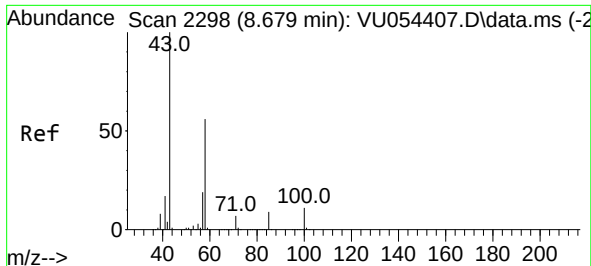
Tgt Ion: 97	Resp: 93939
Ion Ratio	Lower Upper
97 100	
99 63.8	43.0 80.0
83 92.2	63.8 118.6
85 58.3	41.3 76.7



#47
Tetrachloroethene
Concen: 4.753 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU054410.D
Acq: 07 Jun 2023 14:05

Tgt	Ion:164	Resp:	106763
Ion	Ratio	Lower	Upper
164	100		
129	97.4	67.7	125.7
131	91.3	64.6	120.0
166	125.5	88.1	163.7



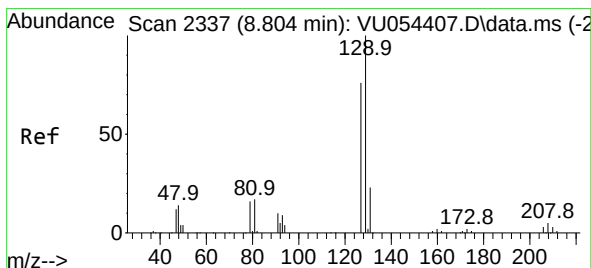
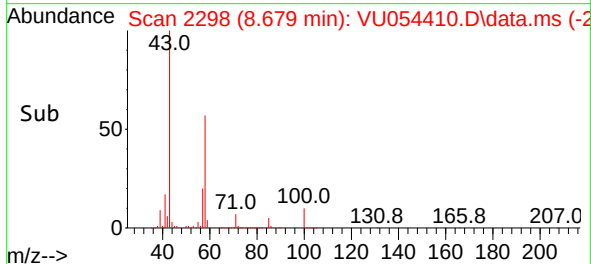
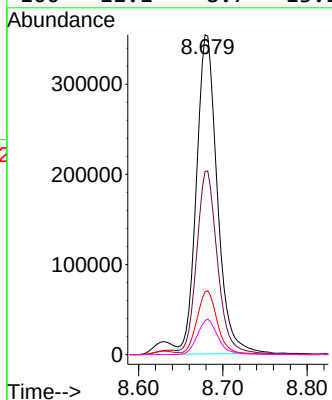
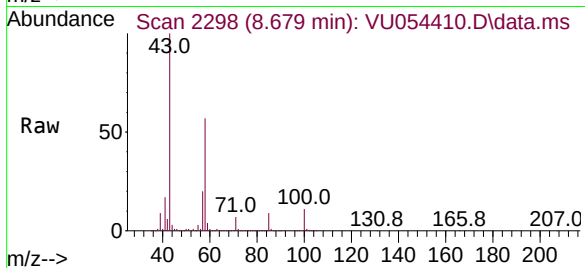


#48
2-Hexanone
Concen: 51.064 ug/L
RT: 8.679 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU054410.D
Acq: 07 Jun 2023 14:05

Instrument :
MSVOA_U
ClientSampleId :
VICV036

Tgt Ion: 43 Resp: 609194

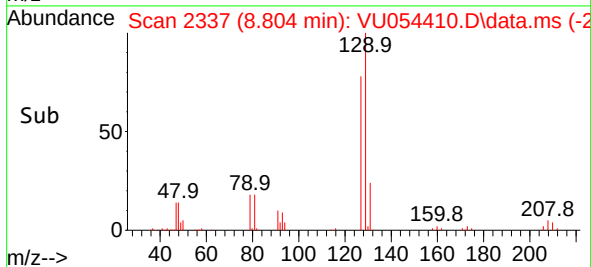
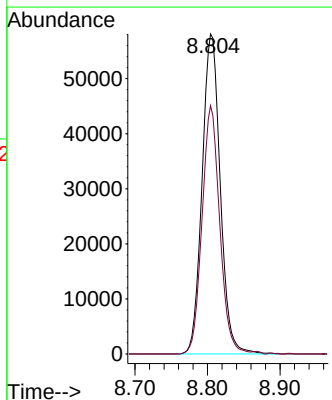
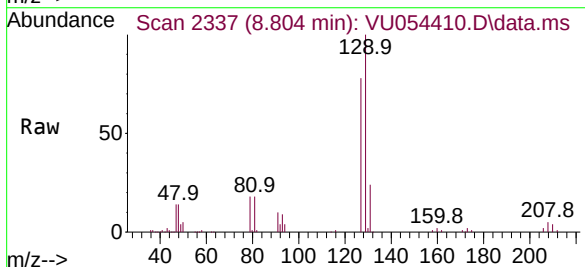
Ion	Ratio	Lower	Upper
43	100		
58	57.8	45.2	67.8
57	19.9	15.8	23.6
100	11.1	8.7	13.1

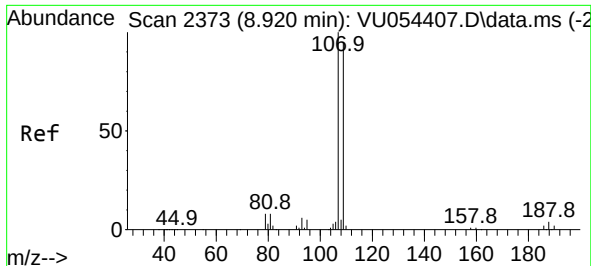


#49
Dibromochloromethane
Concen: 5.042 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VU054410.D
Acq: 07 Jun 2023 14:05

Tgt Ion: 129 Resp: 101056

Ion	Ratio	Lower	Upper
129	100		
127	77.6	53.2	98.8





#50

1,2-Dibromoethane

Concen: 4.969 ug/L

RT: 8.920 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU054410.D

Acq: 07 Jun 2023 14:05

Instrument :

MSVOA_U

ClientSampleId :

VICV036

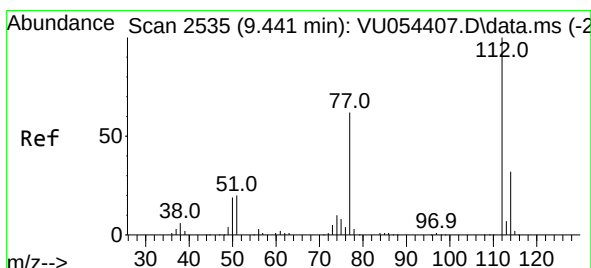
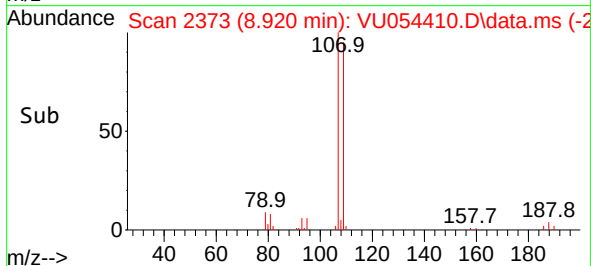
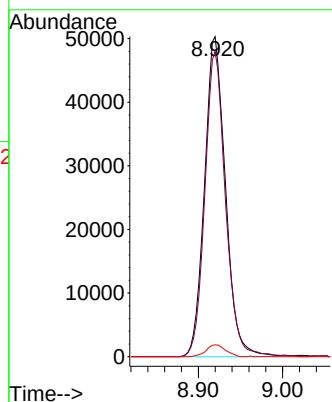
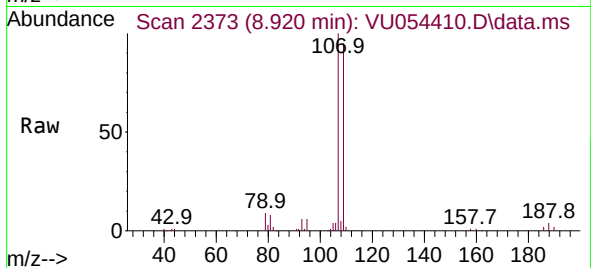
Tgt Ion:107 Resp: 87073

Ion Ratio Lower Upper

107 100

109 95.4 66.6 123.6

188 3.7 3.1 4.7



#51

Chlorobenzene

Concen: 4.951 ug/L

RT: 9.441 min Scan# 2535

Delta R.T. -0.000 min

Lab File: VU054410.D

Acq: 07 Jun 2023 14:05

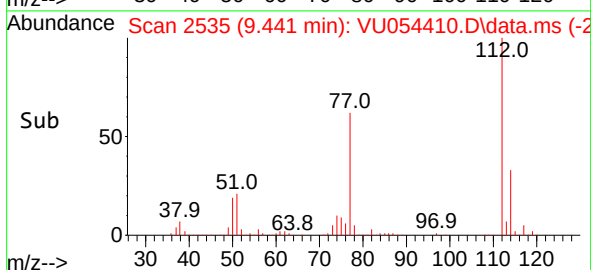
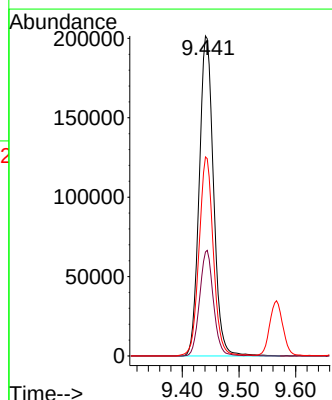
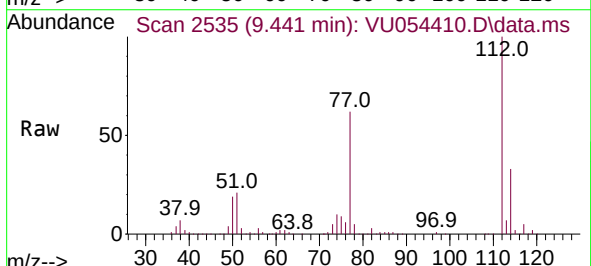
Tgt Ion:112 Resp: 352658

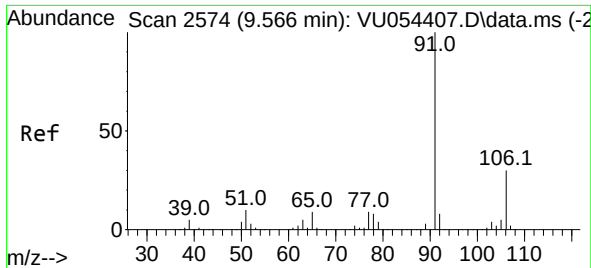
Ion Ratio Lower Upper

112 100

114 32.5 22.7 42.1

77 62.2 49.8 74.8

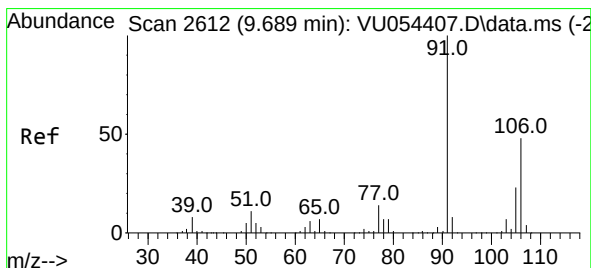
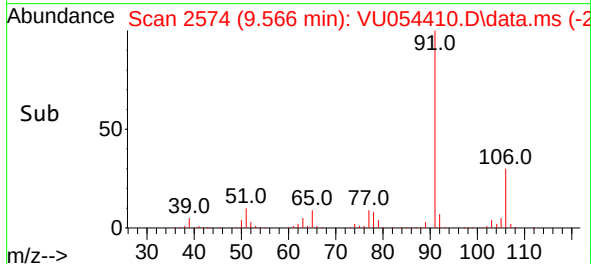
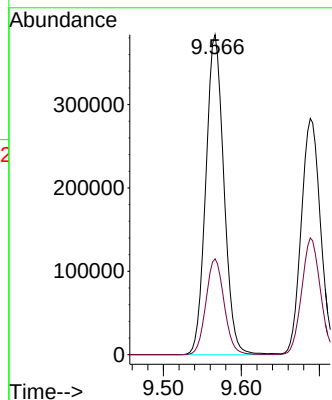
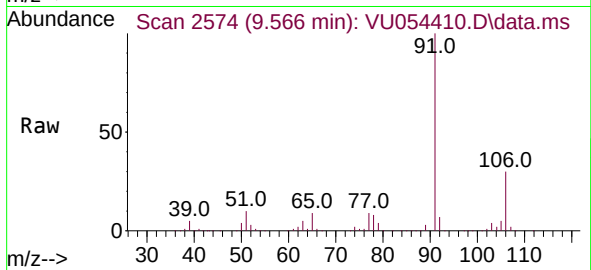




#52
Ethylbenzene
Concen: 4.956 ug/L
RT: 9.566 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU054410.D
Acq: 07 Jun 2023 14:05

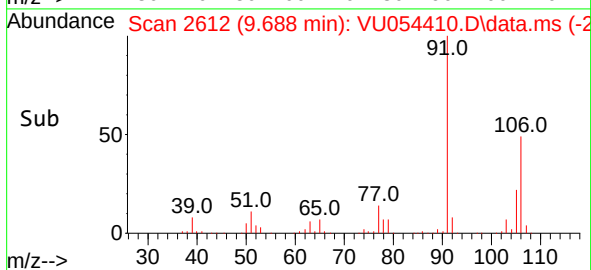
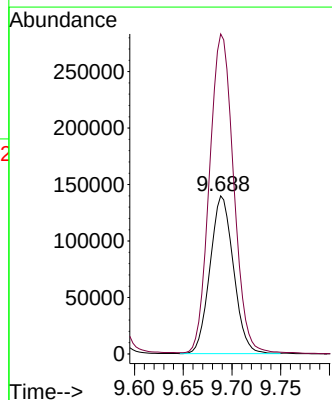
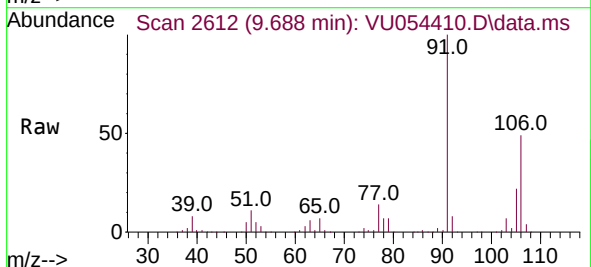
Instrument :
MSVOA_U
ClientSampleId :
VICV036

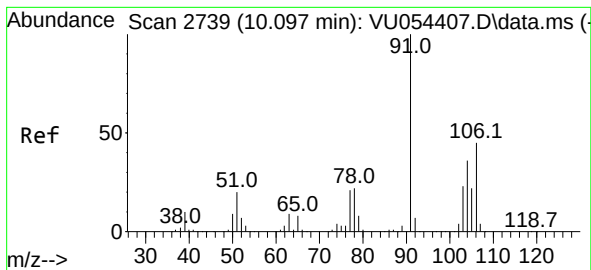
Tgt Ion: 91 Resp: 618454
Ion Ratio Lower Upper
91 100
106 30.0 21.1 39.3



#53
m,p-Xylene
Concen: 5.095 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. -0.000 min
Lab File: VU054410.D
Acq: 07 Jun 2023 14:05

Tgt Ion: 106 Resp: 233592
Ion Ratio Lower Upper
106 100
91 202.3 147.0 273.0





#54

o-Xylene

Concen: 5.116 ug/L

RT: 10.097 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU054410.D

Acq: 07 Jun 2023 14:05

Instrument :

MSVOA_U

ClientSampleId :

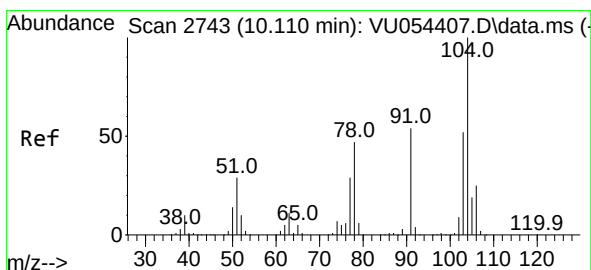
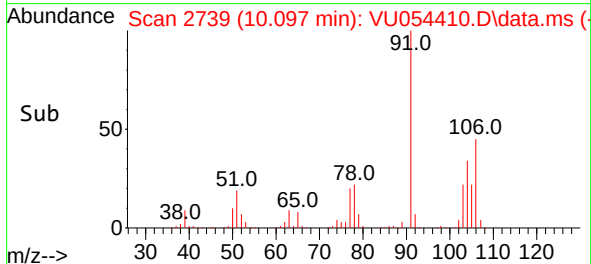
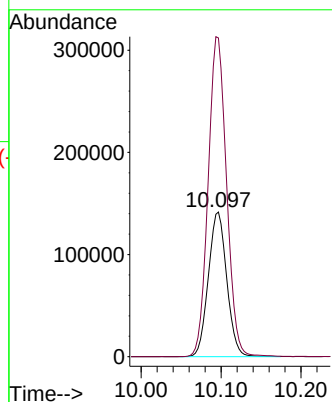
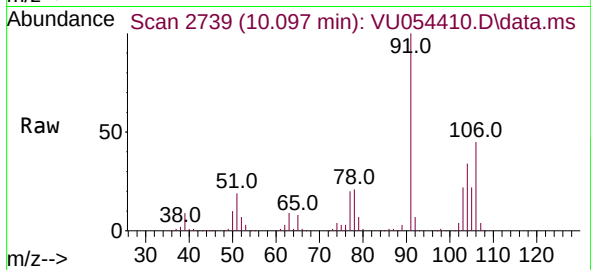
VICV036

Tgt Ion:106 Resp: 226804

Ion Ratio Lower Upper

106 100

91 220.4 154.5 286.9



#55

Styrene

Concen: 5.106 ug/L

RT: 10.110 min Scan# 2743

Delta R.T. -0.000 min

Lab File: VU054410.D

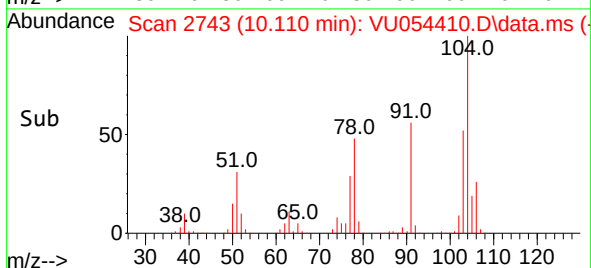
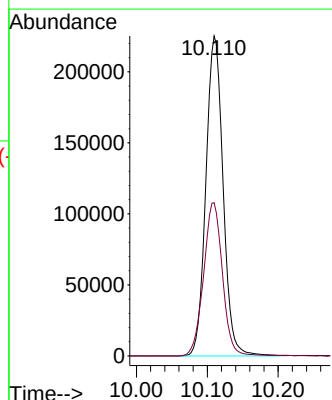
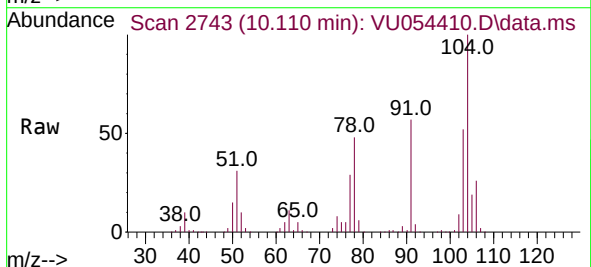
Acq: 07 Jun 2023 14:05

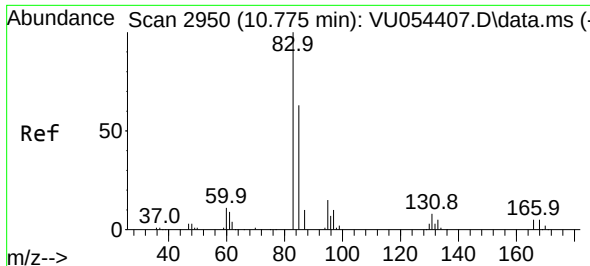
Tgt Ion:104 Resp: 379962

Ion Ratio Lower Upper

104 100

78 47.9 33.0 61.4

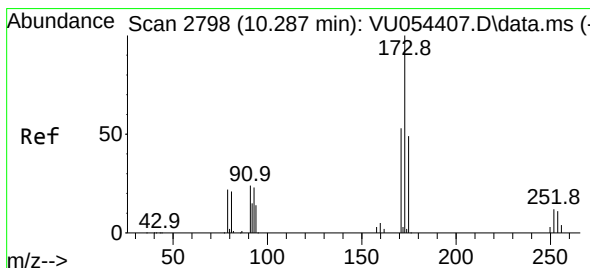
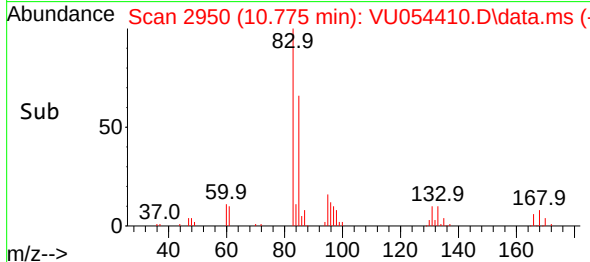
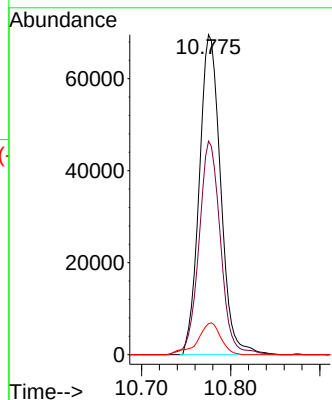
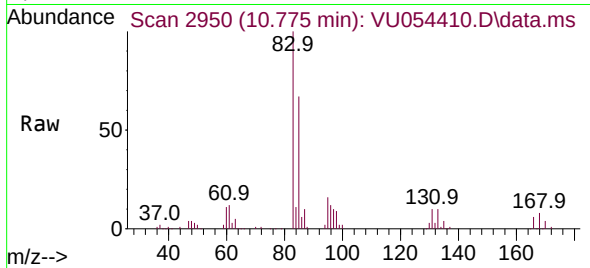




#57
1,1,2,2-Tetrachloroethane
Concen: 4.781 ug/L
RT: 10.775 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU054410.D
Acq: 07 Jun 2023 14:05

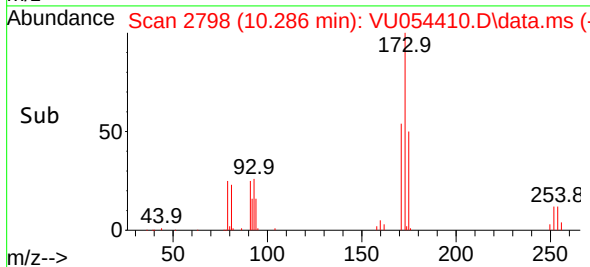
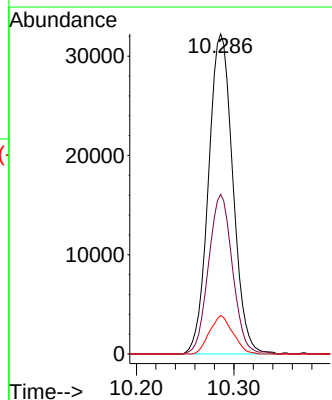
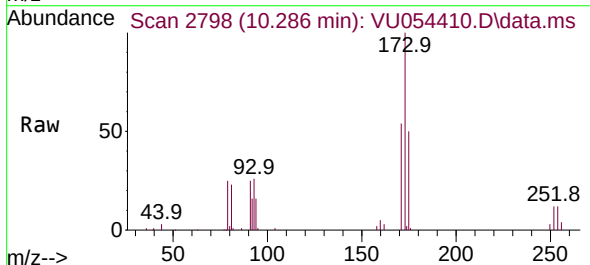
Instrument :
MSVOA_U
ClientSampleId :
VICV036

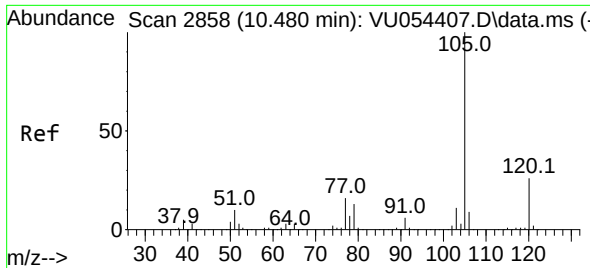
Tgt Ion: 83 Resp: 115907
Ion Ratio Lower Upper
83 100
85 66.7 44.2 82.2
131 9.7 7.0 10.6



#59
Bromoform
Concen: 4.514 ug/L
RT: 10.286 min Scan# 2798
Delta R.T. -0.000 min
Lab File: VU054410.D
Acq: 07 Jun 2023 14:05

Tgt Ion:173 Resp: 55948
Ion Ratio Lower Upper
173 100
175 49.2 39.4 59.0
254 11.5 8.6 12.8

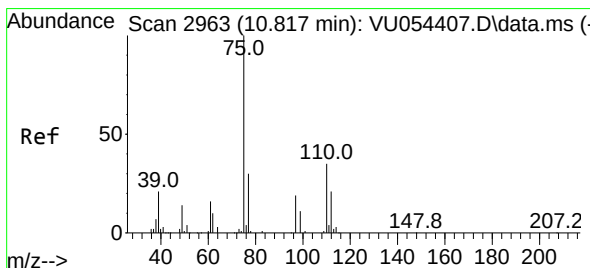
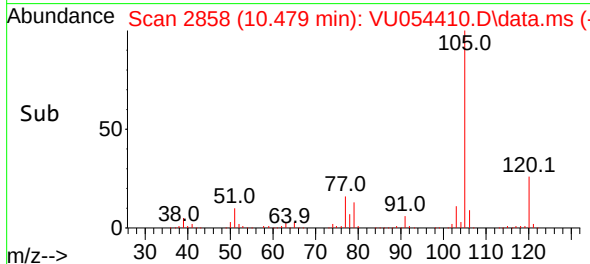
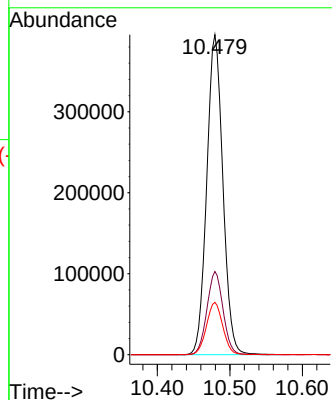
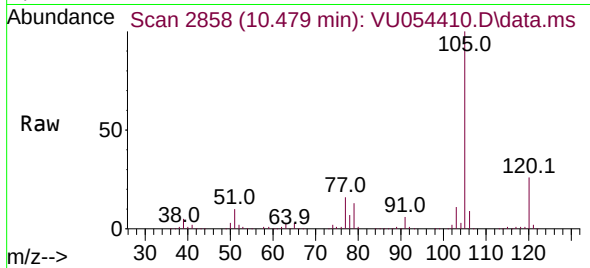




#60
Isopropylbenzene
Concen: 4.834 ug/L
RT: 10.479 min Scan# 2858
Delta R.T. -0.000 min
Lab File: VU054410.D
Acq: 07 Jun 2023 14:05

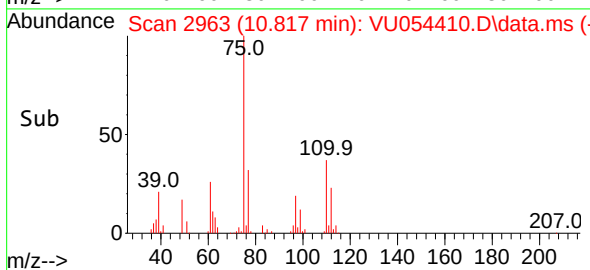
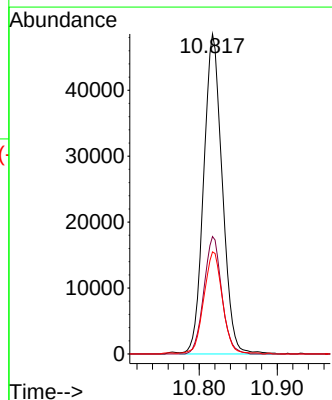
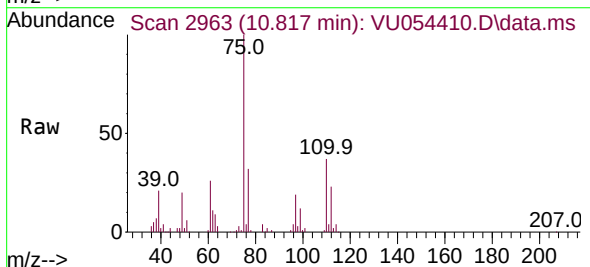
Instrument :
MSVOA_U
ClientSampleId :
VICV036

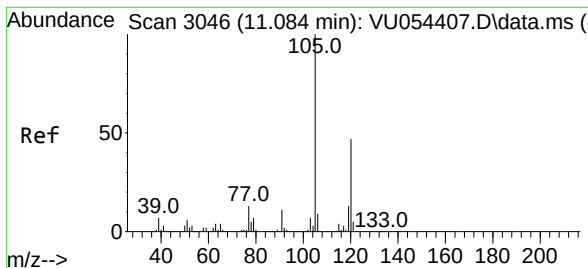
Tgt Ion:105 Resp: 610545
Ion Ratio Lower Upper
105 100
120 26.0 20.9 31.3
77 16.6 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 4.606 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. -0.000 min
Lab File: VU054410.D
Acq: 07 Jun 2023 14:05

Tgt Ion: 75 Resp: 80365
Ion Ratio Lower Upper
75 100
110 35.2 28.0 42.0
77 32.0 25.4 38.2





#62

1,3,5-Trimethylbenzene

Concen: 4.792 ug/L

RT: 11.084 min Scan# 3046

Delta R.T. -0.000 min

Lab File: VU054410.D

Acq: 07 Jun 2023 14:05

Instrument :

MSVOA_U

ClientSampleId :

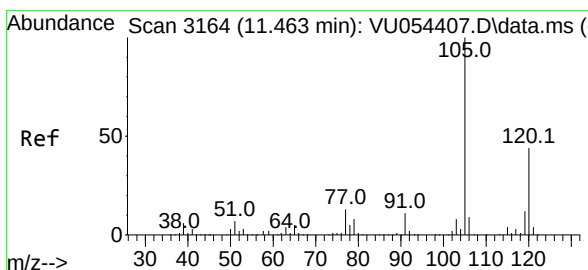
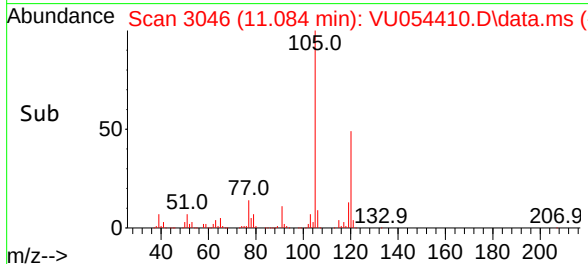
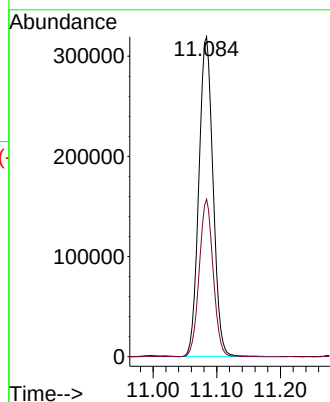
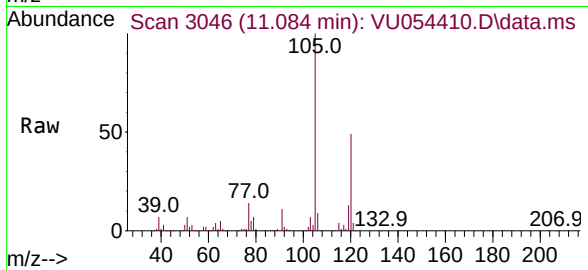
VICV036

Tgt Ion:105 Resp: 493850

Ion Ratio Lower Upper

105 100

120 48.5 37.9 56.9



#63

1,2,4-Trimethylbenzene

Concen: 4.860 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. -0.000 min

Lab File: VU054410.D

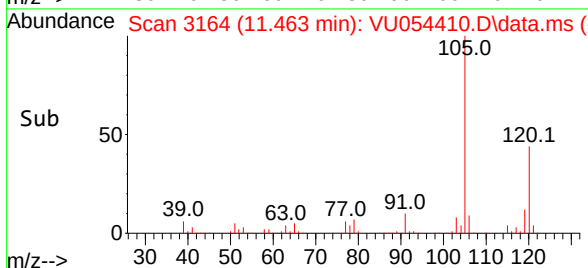
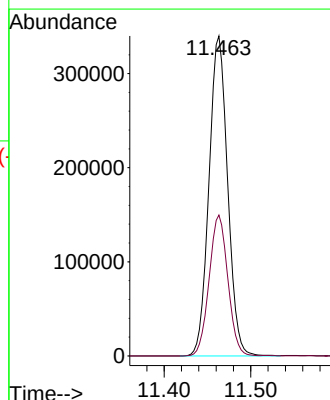
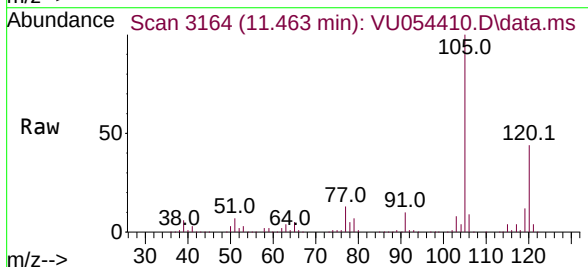
Acq: 07 Jun 2023 14:05

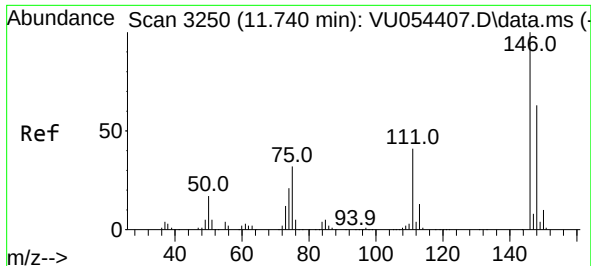
Tgt Ion:105 Resp: 508639

Ion Ratio Lower Upper

105 100

120 44.1 35.4 53.0





#64

1,3-Dichlorobenzene

Concen: 4.741 ug/L

RT: 11.740 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU054410.D

Acq: 07 Jun 2023 14:05

Instrument :

MSVOA_U

ClientSampleId :

VICV036

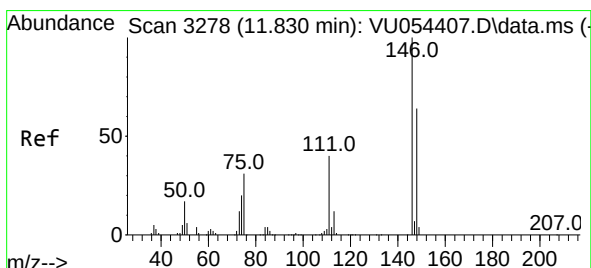
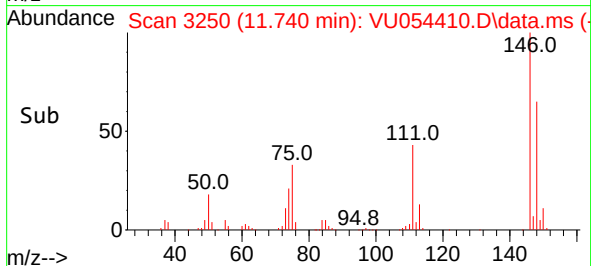
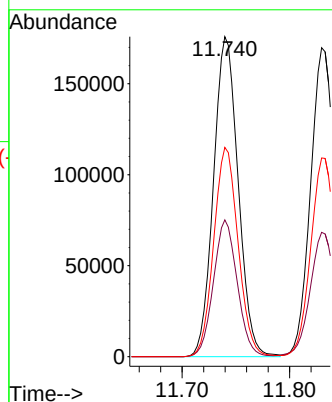
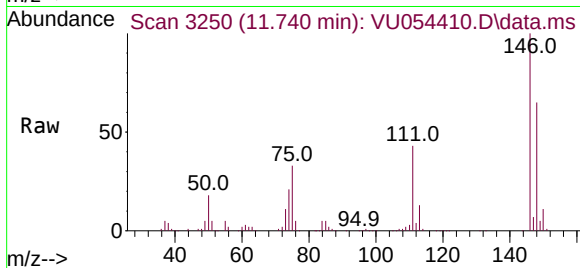
Tgt Ion:146 Resp: 279879

Ion Ratio Lower Upper

146 100

111 42.8 28.9 53.7

148 65.4 44.0 81.8



#65

1,4-Dichlorobenzene

Concen: 4.667 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. -0.000 min

Lab File: VU054410.D

Acq: 07 Jun 2023 14:05

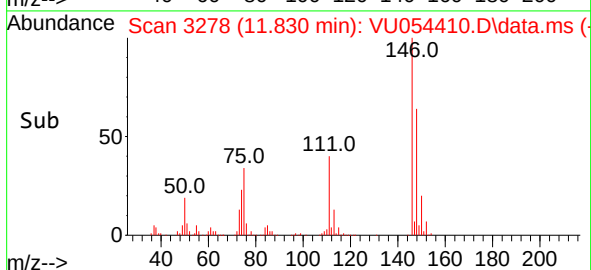
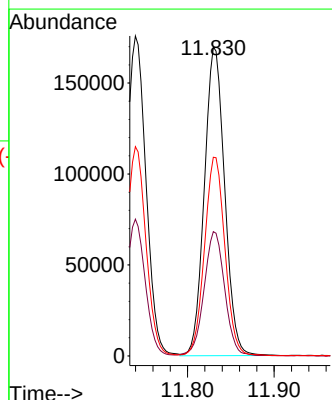
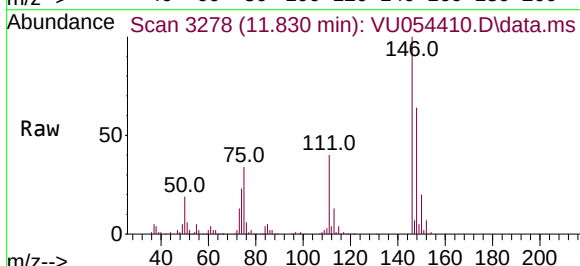
Tgt Ion:146 Resp: 276512

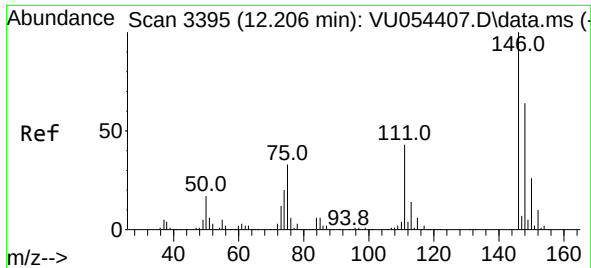
Ion Ratio Lower Upper

146 100

111 40.2 28.0 52.0

148 64.3 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 4.772 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. -0.000 min

Lab File: VU054410.D

Acq: 07 Jun 2023 14:05

Instrument :

MSVOA_U

ClientSampleId :

VICV036

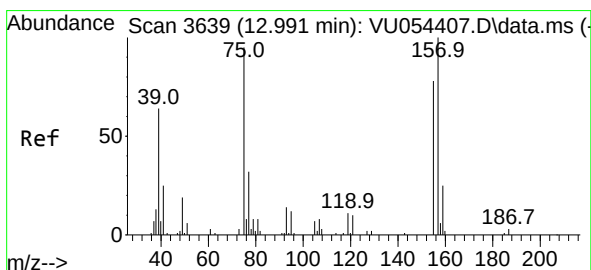
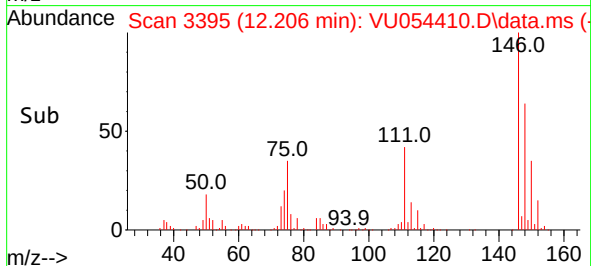
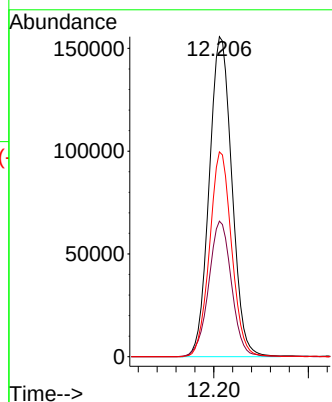
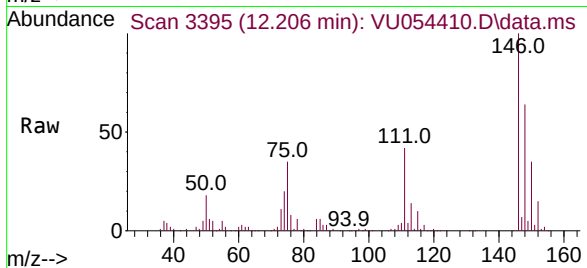
Tgt Ion:146 Resp: 259105

Ion Ratio Lower Upper

146 100

111 42.3 34.5 51.7

148 64.0 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 4.553 ug/L

RT: 12.990 min Scan# 3639

Delta R.T. -0.000 min

Lab File: VU054410.D

Acq: 07 Jun 2023 14:05

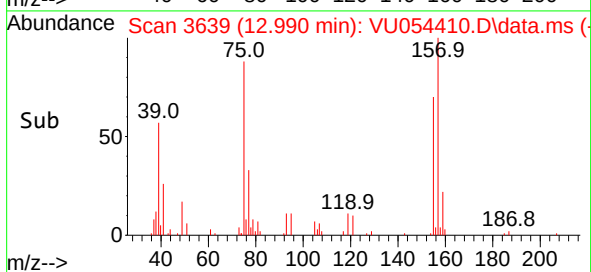
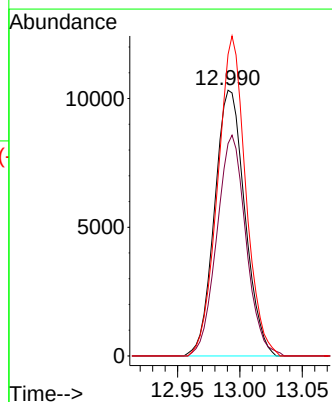
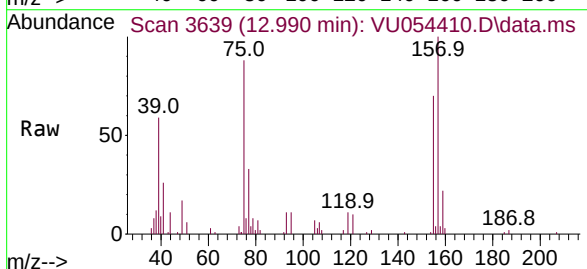
Tgt Ion: 75 Resp: 17458

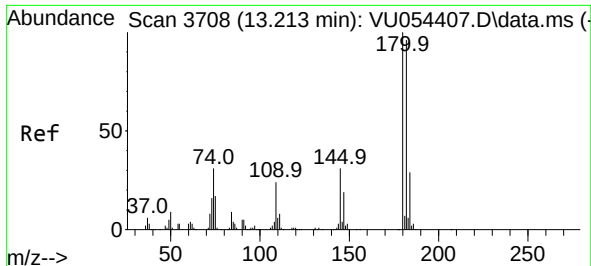
Ion Ratio Lower Upper

75 100

155 79.9 65.7 98.5

157 113.5 84.2 126.2





#69

1,3,5-Trichlorobenzene

Concen: 4.673 ug/L

RT: 13.212 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU054410.D

Acq: 07 Jun 2023 14:05

Instrument :

MSVOA_U

ClientSampleId :

VICV036

Tgt Ion:180 Resp: 208165

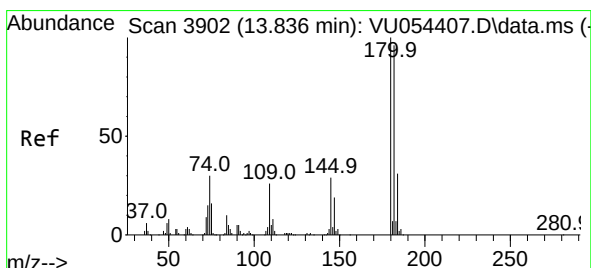
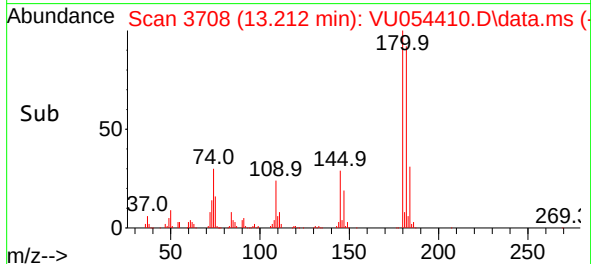
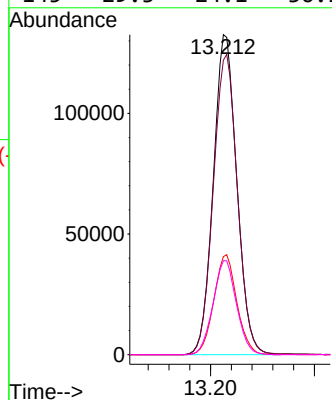
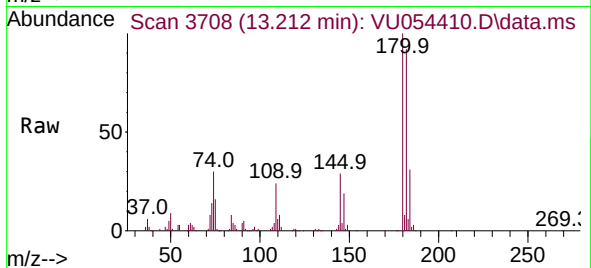
Ion Ratio Lower Upper

180 100

182 96.3 75.0 112.6

184 30.6 24.1 36.1

145 29.3 24.1 36.1



#70

1,2,4-trichlorobenzene

Concen: 4.797 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. -0.000 min

Lab File: VU054410.D

Acq: 07 Jun 2023 14:05

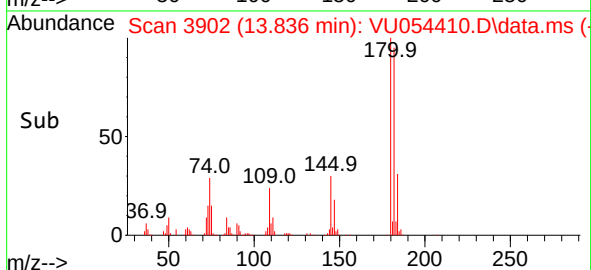
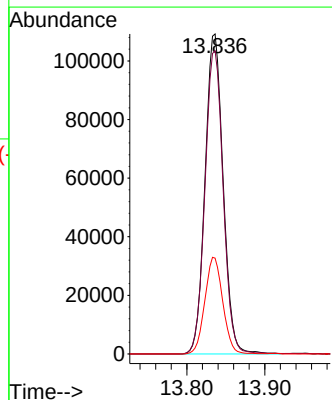
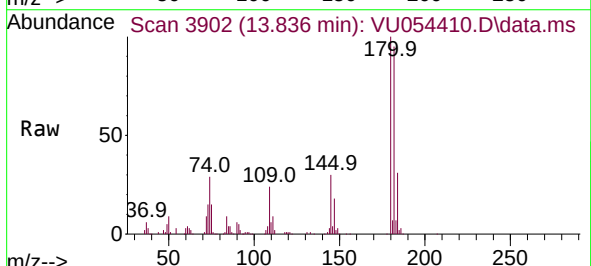
Tgt Ion:180 Resp: 176686

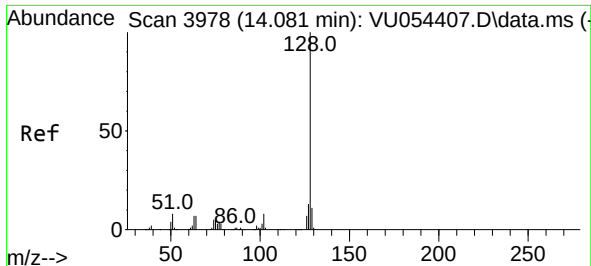
Ion Ratio Lower Upper

180 100

182 95.0 76.6 114.8

145 29.9 24.0 36.0

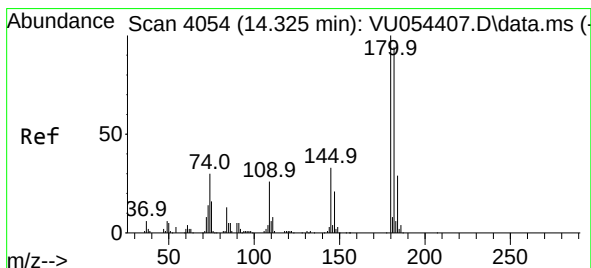
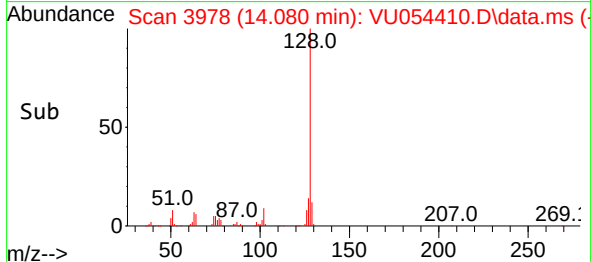
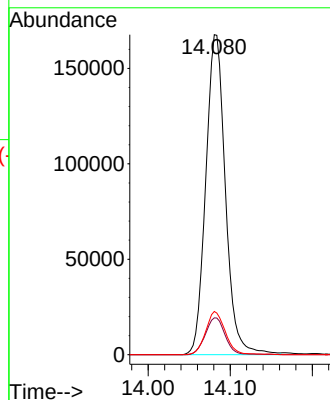
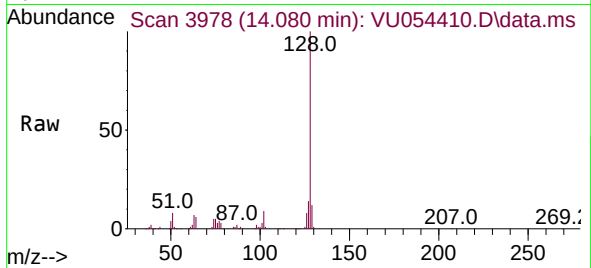




#71
Naphthalene
Concen: 4.658 ug/L
RT: 14.080 min Scan# 3978
Delta R.T. -0.000 min
Lab File: VU054410.D
Acq: 07 Jun 2023 14:05

Instrument :
MSVOA_U
ClientSampleId :
VICV036

Tgt Ion:128 Resp: 278996
Ion Ratio Lower Upper
128 100
129 11.6 8.6 12.8
127 13.5 10.6 15.8



#72
1,2,3-Trichlorobenzene
Concen: 4.757 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. -0.000 min
Lab File: VU054410.D
Acq: 07 Jun 2023 14:05

Tgt Ion:180 Resp: 150518
Ion Ratio Lower Upper
180 100
182 96.8 75.4 113.2
145 33.0 26.0 39.0

