

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060723\
 Data File : VU054408.D
 Acq On : 07 Jun 2023 12:52
 Operator : MD/SY
 Sample : VSTD01034
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010034

Quant Time: Jun 08 01:05:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jun 08 01:03:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	317977	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	298132	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	164771	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	214115	10.581	ug/L	0.00
7) Chloroethane-d5	1.914	69	197886	10.444	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.563	65	96161	10.639	ug/L	0.00
20) 2-Butanone-d5	4.628	46	630553	110.825	ug/L	0.00
24) Chloroform-d	5.059	84	457450	10.815	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.695	65	218089	10.577	ug/L	0.00
32) Benzene-d6	5.721	84	882556	10.649	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.685	67	295644	10.682	ug/L	0.00
41) Toluene-d8	7.891	98	808820	10.997	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.174	79	105690	10.981	ug/L	0.00
46) 2-Hexanone-d5	8.627	63	455255	112.747	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.750	84	220652	10.691	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	286786	10.319	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	315671	10.625	ug/L	99
3) Chloromethane	1.518	50	356602	10.448	ug/L	97
5) Vinyl chloride	1.602	62	370028	10.562	ug/L	99
6) Bromomethane	1.859	94	199505	10.358	ug/L	98
8) Chloroethane	1.933	64	213467	10.166	ug/L	99
9) Trichlorofluoromethane	2.136	101	454148	10.545	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.580	101	272594	10.819	ug/L	100
12) 1,1-Dichloroethene	2.576	96	243763	10.569	ug/L	88
13) Acetone	2.644	43	491683	91.654	ug/L	99
14) Carbon disulfide	2.792	76	727413	10.636	ug/L	100
15) Methyl Acetate	2.952	43	105711	10.634	ug/L	99
16) Methylene chloride	3.043	84	278491	8.587	ug/L	97
17) Methyl tert-butyl Ether	3.361	73	617905	10.854	ug/L	100
18) trans-1,2-Dichloroethene	3.348	96	252832	10.618	ug/L	97
19) 1,1-Dichloroethane	3.866	63	526355	10.681	ug/L	99
21) 2-Butanone	4.705	43	739818	100.484	ug/L	99
22) cis-1,2-Dichloroethene	4.660	96	289129	10.663	ug/L	98
23) Bromochloromethane	4.968	128	121035	10.726	ug/L	97
25) Chloroform	5.081	83	512971	10.559	ug/L	99
27) 1,2-Dichloroethane	5.788	62	300614	10.556	ug/L	99
29) 1,1,1-Trichloroethane	5.313	97	431174	10.665	ug/L	99
30) Cyclohexane	5.383	56	485433	11.024	ug/L	99
31) Carbon tetrachloride	5.518	117	371328	10.660	ug/L	100
33) Benzene	5.769	78	1153974	10.770	ug/L	100
34) Trichloroethene	6.538	95	295643	10.434	ug/L	96
35) Methylcyclohexane	6.759	83	471903	11.019	ug/L	98
37) 1,2-Dichloropropane	6.785	63	309740	10.691	ug/L	99
38) Bromodichloromethane	7.100	83	351163	10.708	ug/L	97
39) cis-1,3-Dichloropropene	7.602	75	443246	11.206	ug/L	97
40) 4-Methyl-2-pentanone	7.785	43	1681728	108.778	ug/L	99
42) Toluene	7.965	91	1206239	10.932	ug/L	98
44) trans-1,3-Dichloropropene	8.203	75	356554	11.108	ug/L	99

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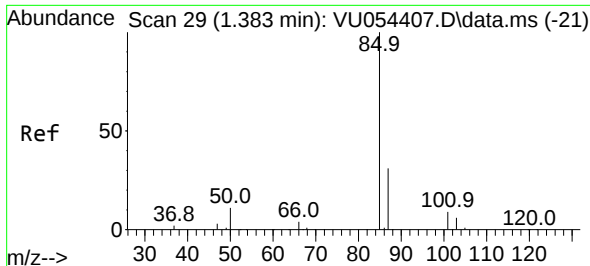
Instrument :
 MSVOA_U
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.393	97	196118	10.641	ug/L	99
47) Tetrachloroethene	8.547	164	222989	10.282	ug/L	99
48) 2-Hexanone	8.679	43	1225108	106.350	ug/L	99
49) Dibromochloromethane	8.804	129	208067	10.752	ug/L	96
50) 1,2-Dibromoethane	8.917	107	182082	10.761	ug/L	99
51) Chlorobenzene	9.441	112	736917	10.714	ug/L	100
52) Ethylbenzene	9.566	91	1333486	11.066	ug/L	99
53) m,p-Xylene	9.689	106	491362	11.099	ug/L	100
54) o-Xylene	10.094	106	480026	11.213	ug/L	97
55) Styrene	10.110	104	824237	11.471	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.775	83	244412	10.440	ug/L	100
59) Bromoform	10.283	173	122337	10.342	ug/L	99
60) Isopropylbenzene	10.480	105	1310285	10.870	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	167696	10.071	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	1098903	11.174	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	1121898	11.232	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	598386	10.621	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	589294	10.421	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	543055	10.480	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.991	75	38008	10.387	ug/L	98
69) 1,3,5-Trichlorobenzene	13.213	180	451852	10.629	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	380388	10.821	ug/L	100
71) Naphthalene	14.081	128	621875	10.880	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	325066	10.764	ug/L	98

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

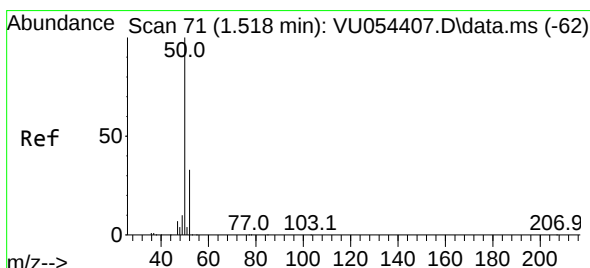
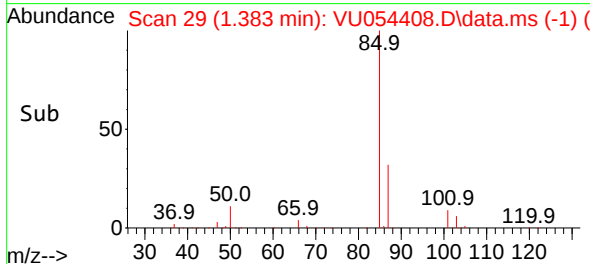
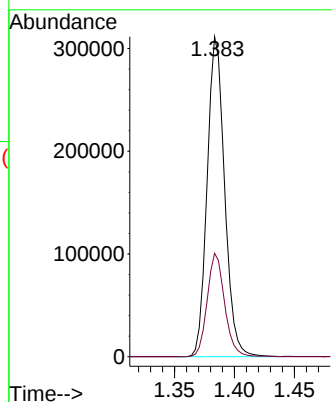
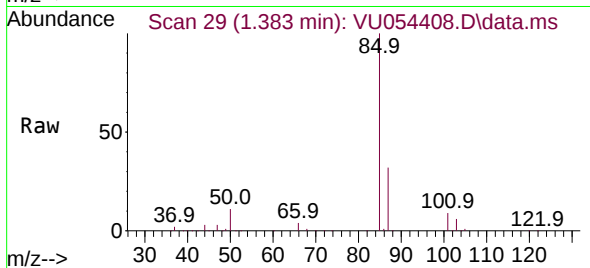
Instrument :
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ClientSampleId :
VSTD010034



#2
 Dichlorodifluoromethane
 Concen: 10.625 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VU054408.D
 Acq: 07 Jun 2023 12:52

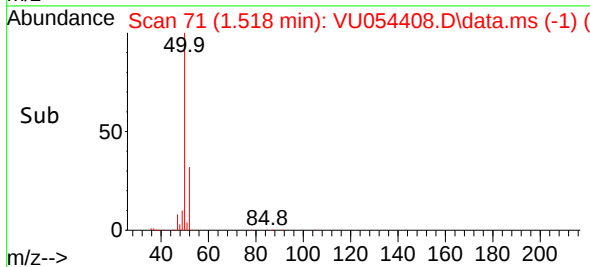
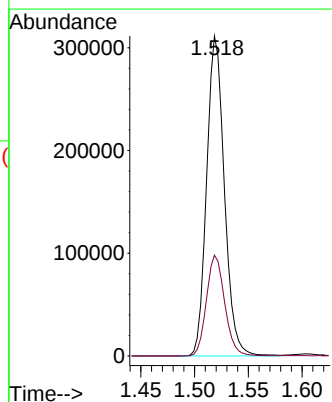
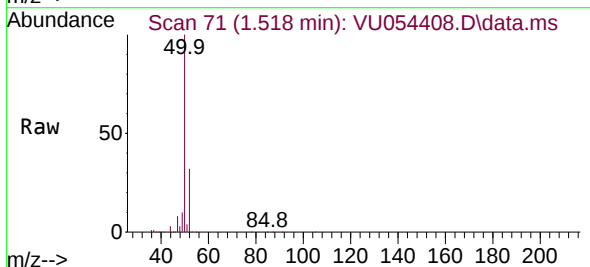
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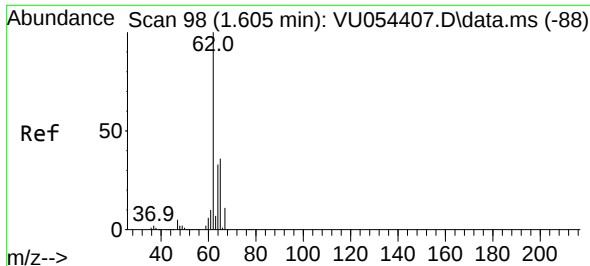
Tgt Ion: 85 Resp: 315671
 Ion Ratio Lower Upper
 85 100
 87 32.2 25.4 38.2



#3
 Chloromethane
 Concen: 10.448 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VU054408.D
 Acq: 07 Jun 2023 12:52

Tgt Ion: 50 Resp: 356602
 Ion Ratio Lower Upper
 50 100
 52 31.5 23.4 43.4

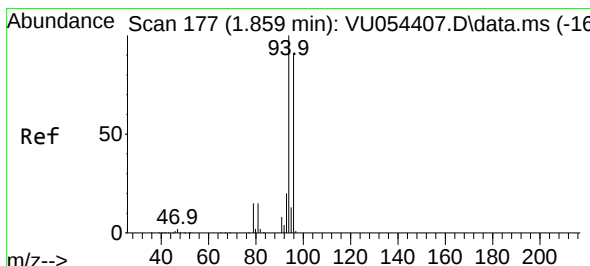
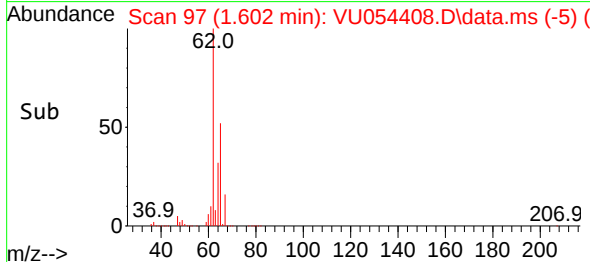
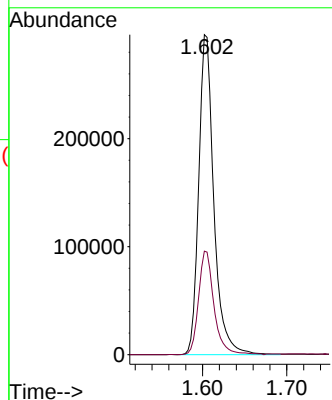
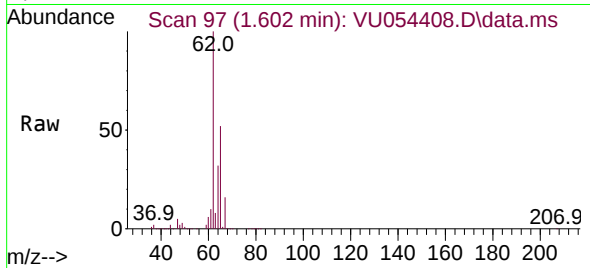




#5
 Vinyl chloride
 Concen: 10.562 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.003 min
 Lab File: VU054408.D
 Acq: 07 Jun 2023 12:52

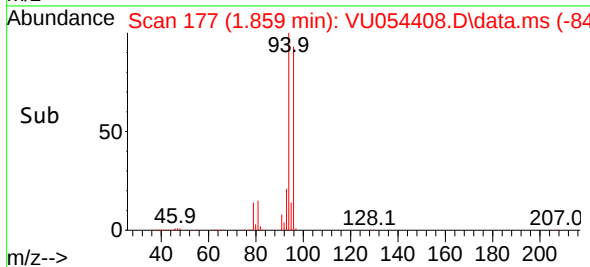
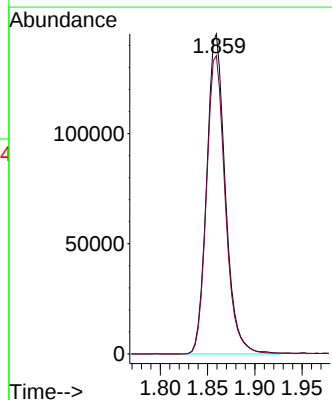
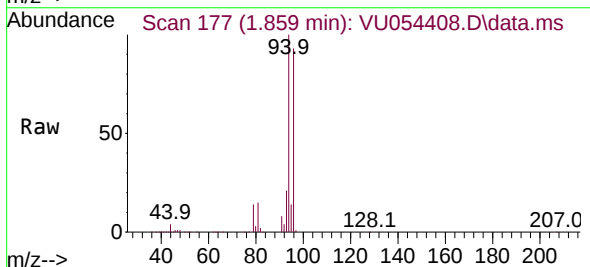
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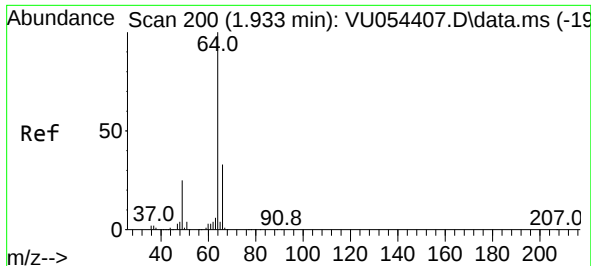
Tgt Ion: 62 Resp: 370028
 Ion Ratio Lower Upper
 62 100
 64 32.4 23.0 42.6



#6
 Bromomethane
 Concen: 10.358 ug/L
 RT: 1.859 min Scan# 177
 Delta R.T. -0.000 min
 Lab File: VU054408.D
 Acq: 07 Jun 2023 12:52

Tgt Ion: 94 Resp: 199505
 Ion Ratio Lower Upper
 94 100
 96 93.2 63.6 118.2

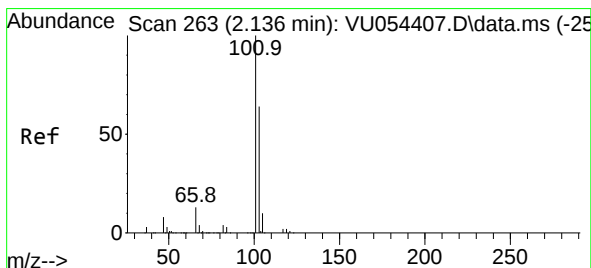
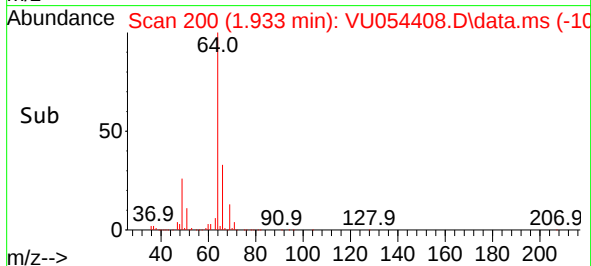
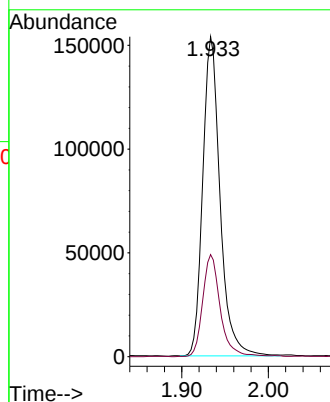
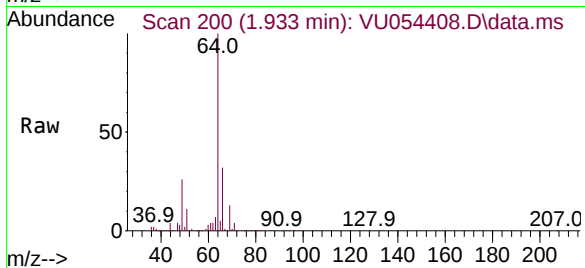




#8
Chloroethane
Concen: 10.166 ug/L
RT: 1.933 min Scan# 200
Delta R.T. -0.000 min
Lab File: VU054408.D
Acq: 07 Jun 2023 12:52

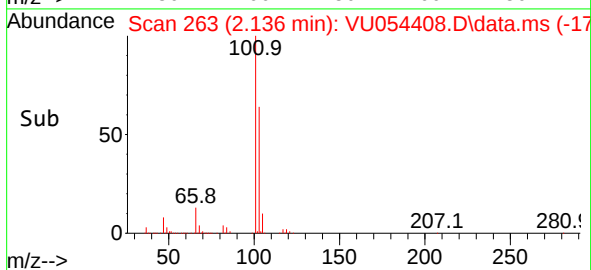
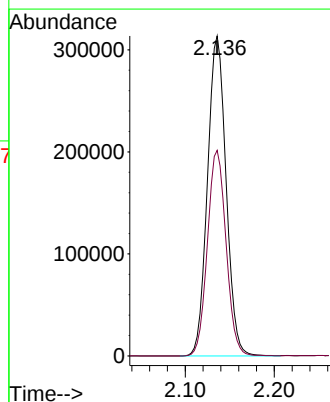
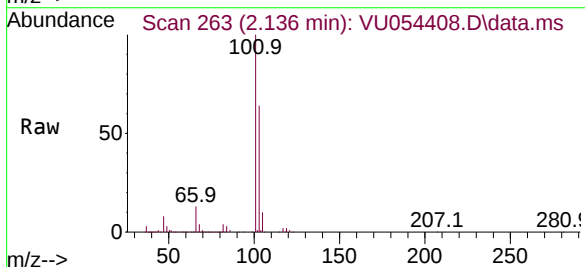
Instrument :
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ClientSampleId :
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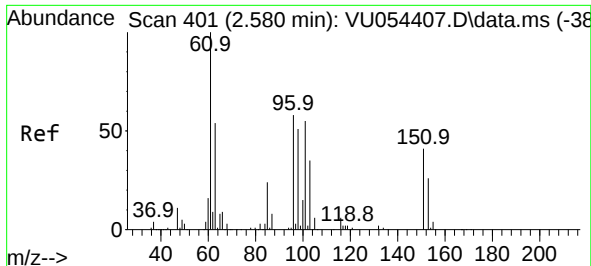
Tgt Ion: 64 Resp: 213467
Ion Ratio Lower Upper
64 100
66 31.9 22.9 42.5



#9
Trichlorofluoromethane
Concen: 10.545 ug/L
RT: 2.136 min Scan# 263
Delta R.T. -0.000 min
Lab File: VU054408.D
Acq: 07 Jun 2023 12:52

Tgt Ion:101 Resp: 454148
Ion Ratio Lower Upper
101 100
103 64.3 50.6 75.8

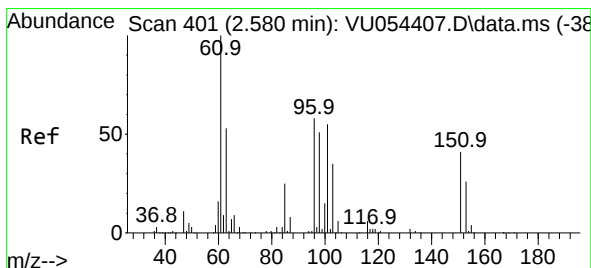
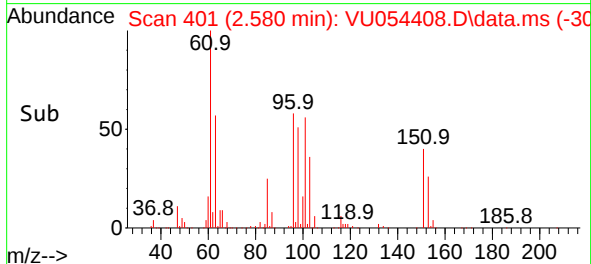
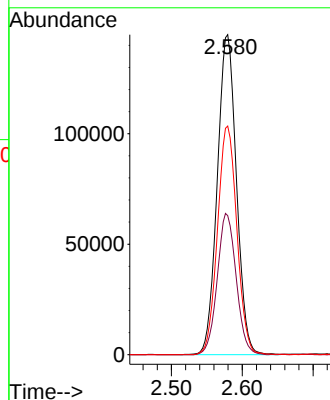
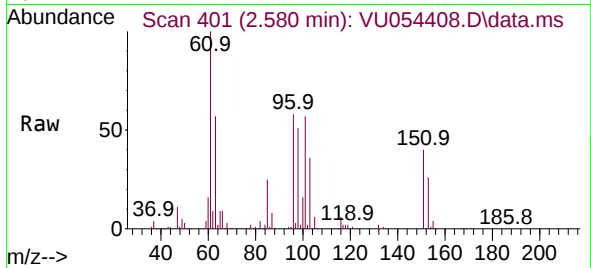




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 10.819 ug/L
 RT: 2.580 min Scan# 401
 Delta R.T. -0.000 min
 Lab File: VU054408.D
 Acq: 07 Jun 2023 12:52

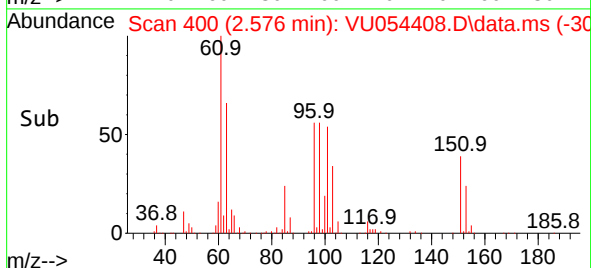
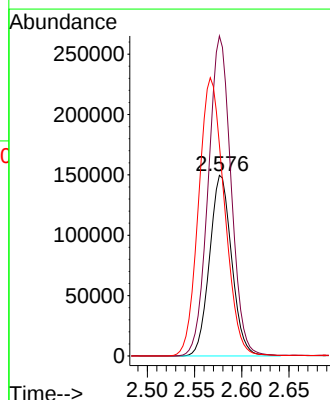
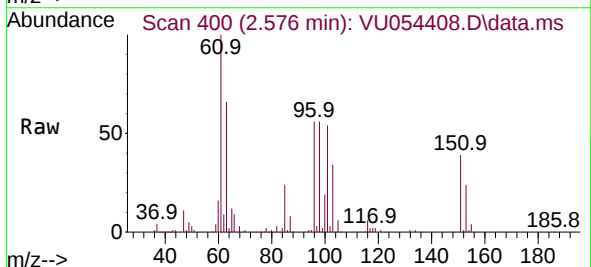
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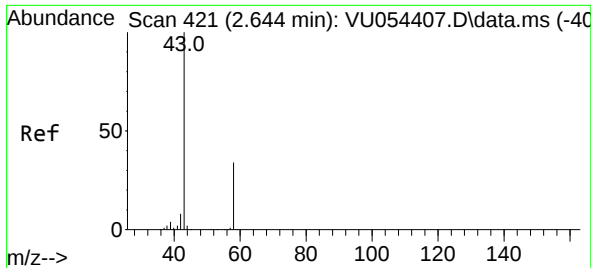
Tgt Ion:101 Resp: 272594
 Ion Ratio Lower Upper
 101 100
 85 43.5 34.6 51.8
 151 72.2 57.7 86.5



#12
 1,1-Dichloroethene
 Concen: 10.569 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.003 min
 Lab File: VU054408.D
 Acq: 07 Jun 2023 12:52

Tgt Ion: 96 Resp: 243763
 Ion Ratio Lower Upper
 96 100
 61 177.2 119.9 222.7
 63 116.9 64.3 119.3





#13

Acetone

Concen: 91.654 ug/L

RT: 2.644 min Scan# 41

Delta R.T. -0.000 min

Lab File: VU054408.D

Acq: 07 Jun 2023 12:52

Instrument :

MSVOA_U

ClientSampleId :

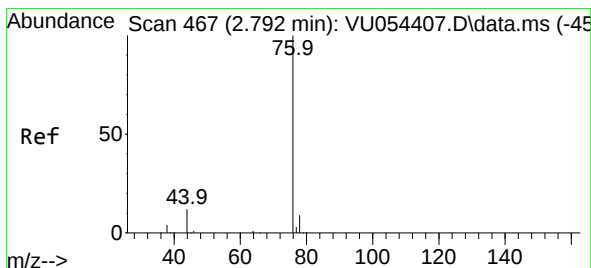
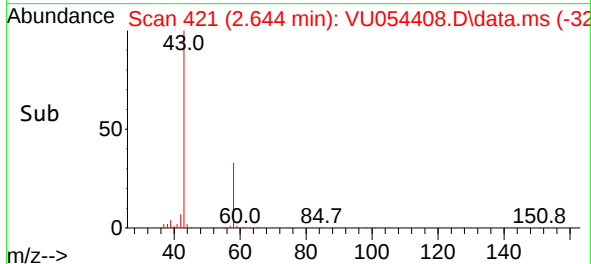
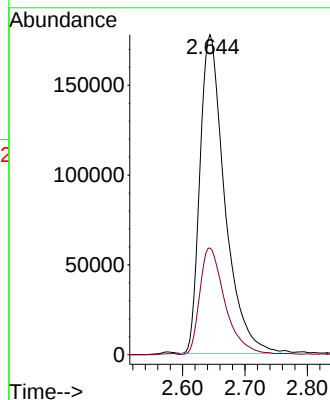
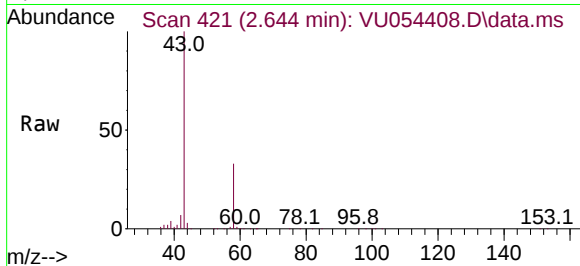
VSTD010034

Tgt Ion: 43 Resp: 491683

Ion Ratio Lower Upper

43 100

58 33.9 0.0 67.2



#14

Carbon disulfide

Concen: 10.636 ug/L

RT: 2.792 min Scan# 467

Delta R.T. -0.000 min

Lab File: VU054408.D

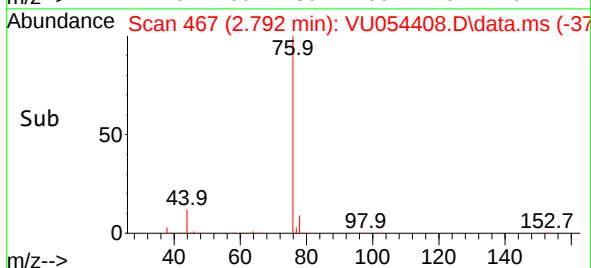
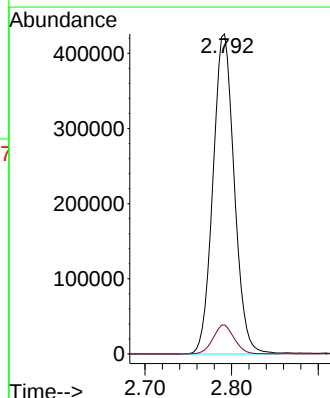
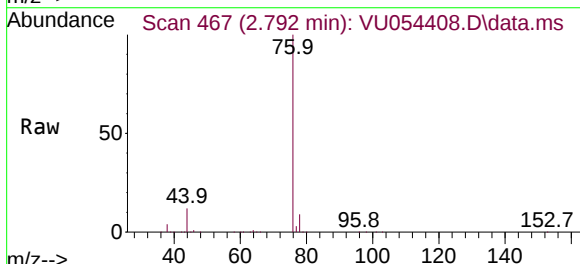
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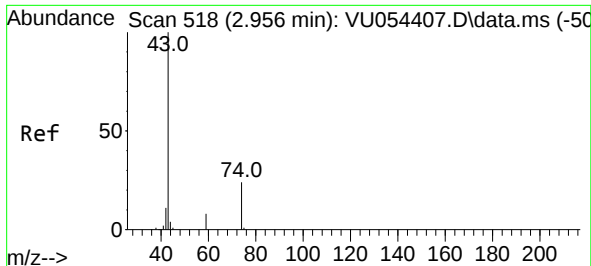
Tgt Ion: 76 Resp: 727413

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0

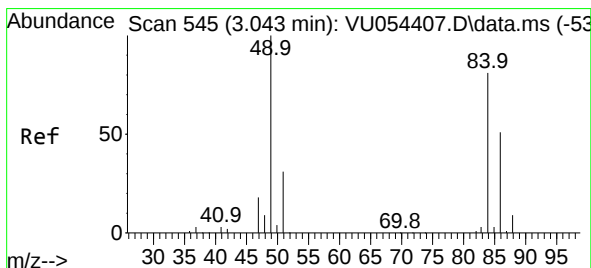
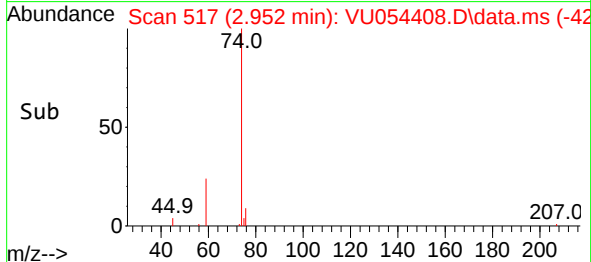
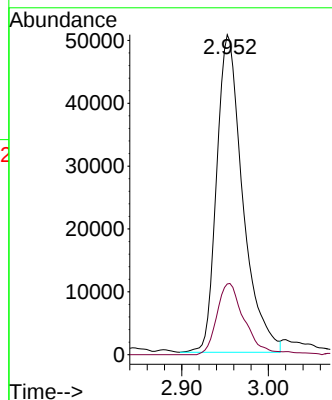
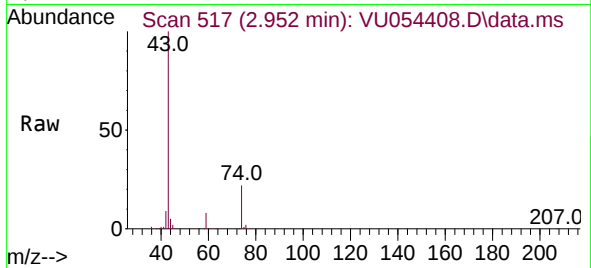




#15
Methyl Acetate
Concen: 10.634 ug/L
RT: 2.952 min Scan# 517
Delta R.T. -0.003 min
Lab File: VU054408.D
Acq: 07 Jun 2023 12:52

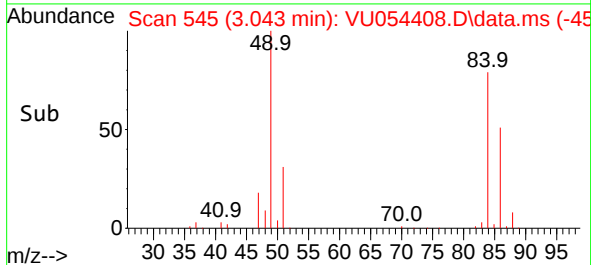
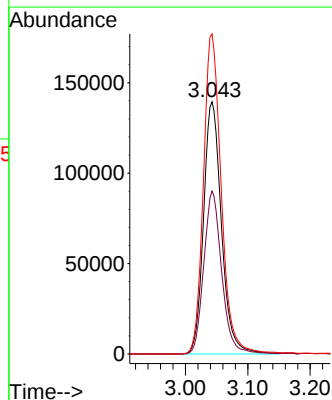
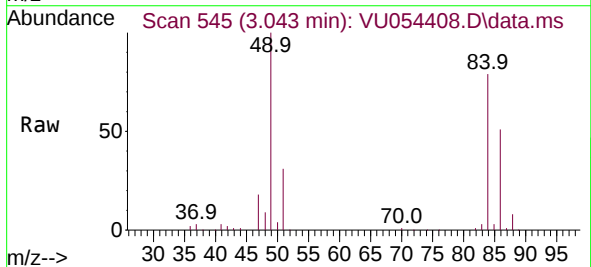
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ClientSampleId :
VSTD010034

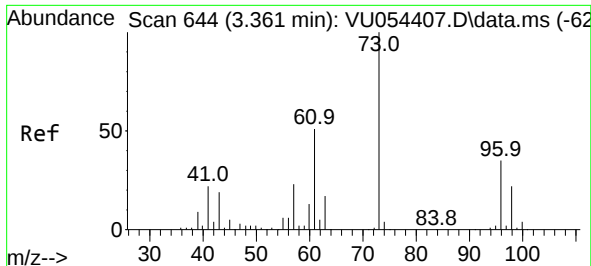
Tgt Ion: 43 Resp: 105711
Ion Ratio Lower Upper
43 100
74 23.5 19.0 28.6



#16
Methylene chloride
Concen: 8.587 ug/L
RT: 3.043 min Scan# 545
Delta R.T. -0.000 min
Lab File: VU054408.D
Acq: 07 Jun 2023 12:52

Tgt Ion: 84 Resp: 278491
Ion Ratio Lower Upper
84 100
86 64.6 43.9 81.5
49 126.9 86.1 159.9

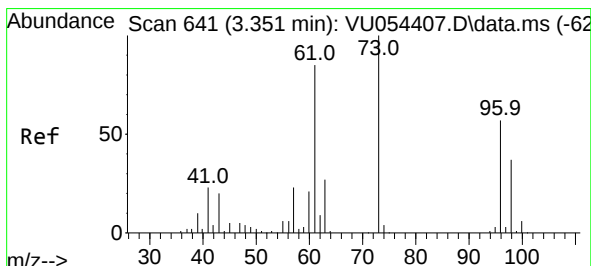
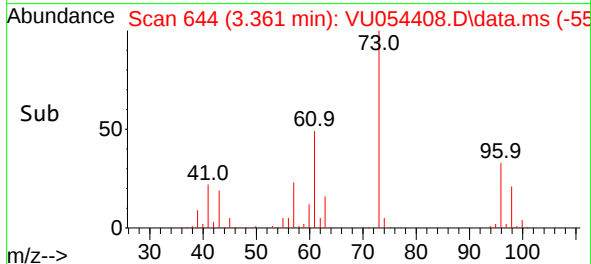
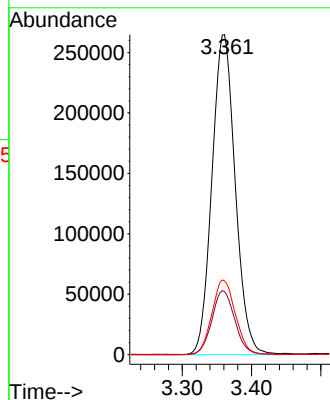
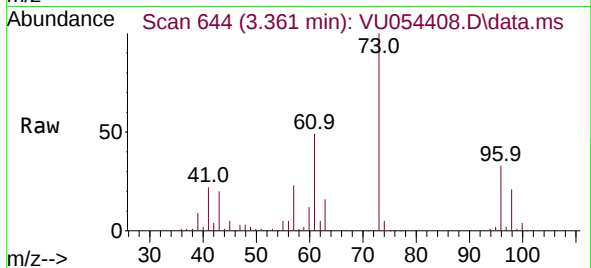




#17
Methyl tert-butyl Ether
Concen: 10.854 ug/L
RT: 3.361 min Scan# 644
Delta R.T. -0.000 min
Lab File: VU054408.D
Acq: 07 Jun 2023 12:52

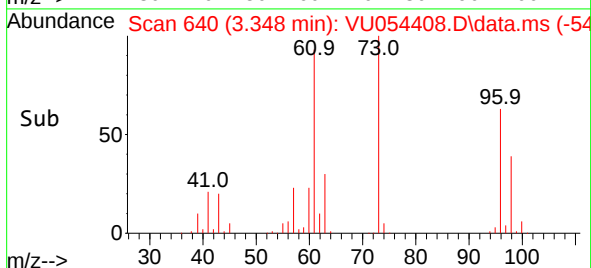
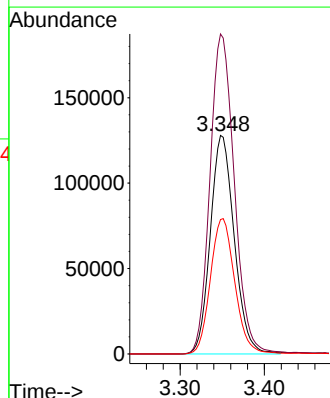
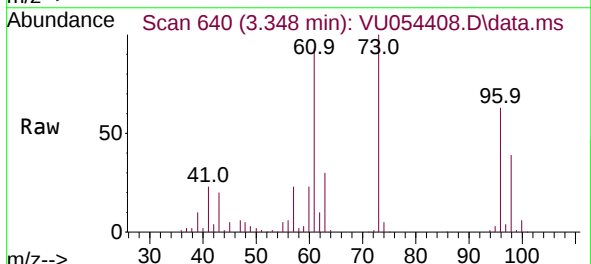
Instrument :
MSVOA_U
ClientSampleId :
VSTD010034

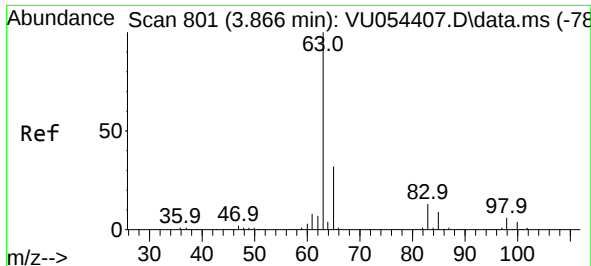
Tgt Ion: 73 Resp: 617905
Ion Ratio Lower Upper
73 100
43 19.5 15.7 23.5
57 23.6 18.6 28.0



#18
trans-1,2-Dichloroethene
Concen: 10.618 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.003 min
Lab File: VU054408.D
Acq: 07 Jun 2023 12:52

Tgt Ion: 96 Resp: 252832
Ion Ratio Lower Upper
96 100
61 146.5 104.6 194.2
98 61.5 45.4 84.4

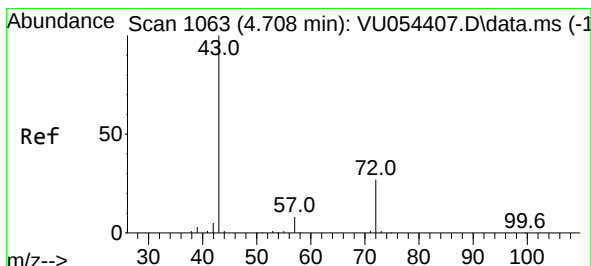
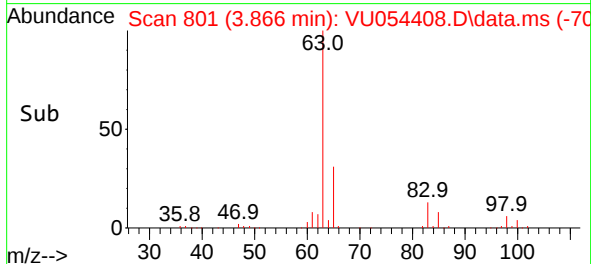
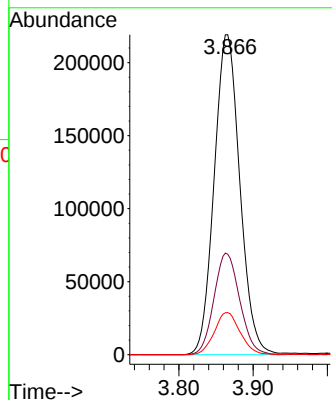
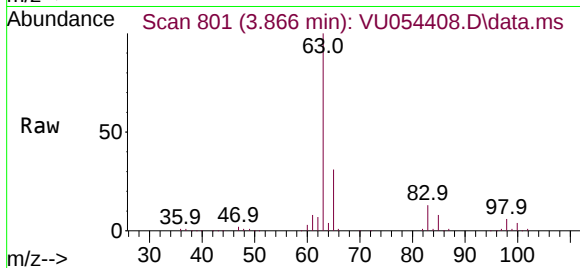




#19
1,1-Dichloroethane
Concen: 10.681 ug/L
RT: 3.866 min Scan# 801
Delta R.T. -0.000 min
Lab File: VU054408.D
Acq: 07 Jun 2023 12:52

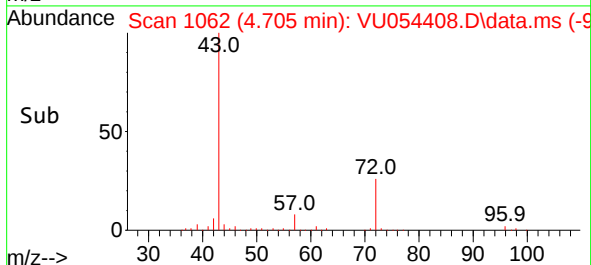
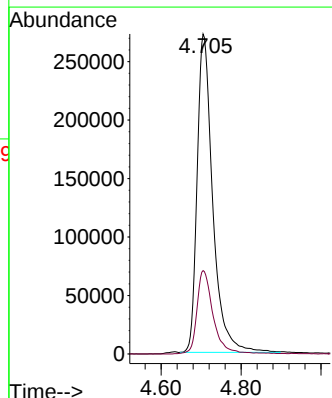
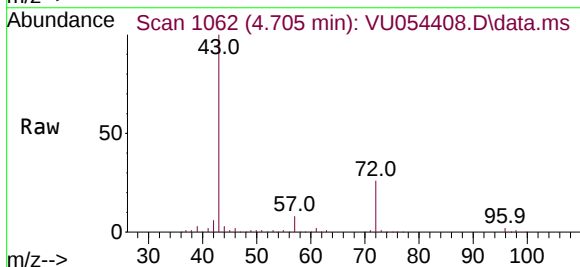
Instrument :
MSVOA_U
ClientSampleId :
VSTD010034

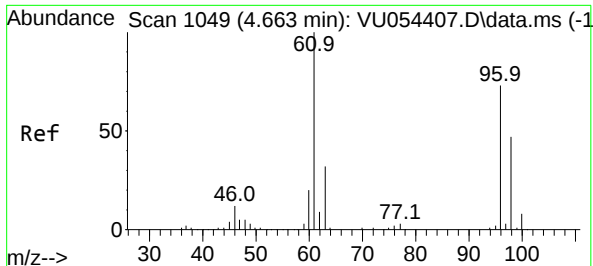
Tgt Ion: 63 Resp: 526355
Ion Ratio Lower Upper
63 100
65 31.4 22.2 41.2
83 13.1 9.0 16.6



#21
2-Butanone
Concen: 100.484 ug/L
RT: 4.705 min Scan# 1062
Delta R.T. -0.003 min
Lab File: VU054408.D
Acq: 07 Jun 2023 12:52

Tgt Ion: 43 Resp: 739818
Ion Ratio Lower Upper
43 100
72 27.0 13.4 40.1

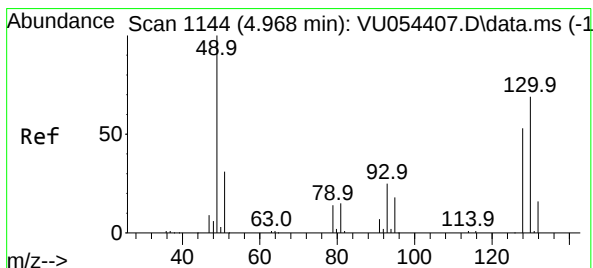
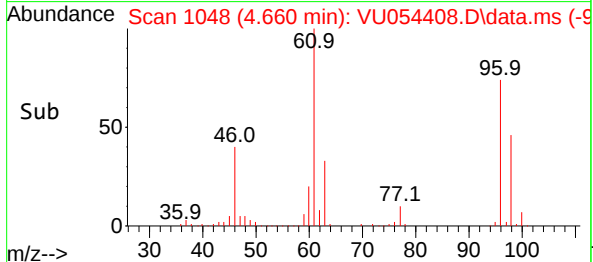
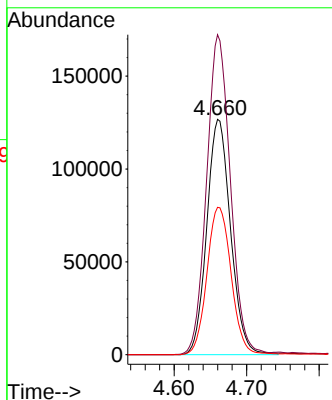
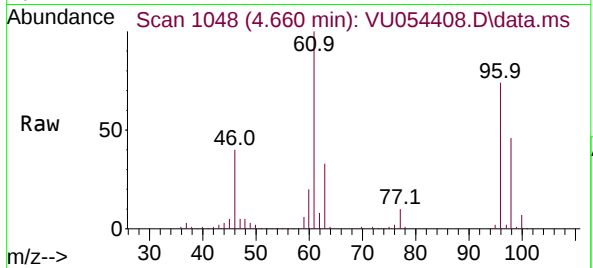




#22
 cis-1,2-Dichloroethene
 Concen: 10.663 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. -0.003 min
 Lab File: VU054408.D
 Acq: 07 Jun 2023 12:52

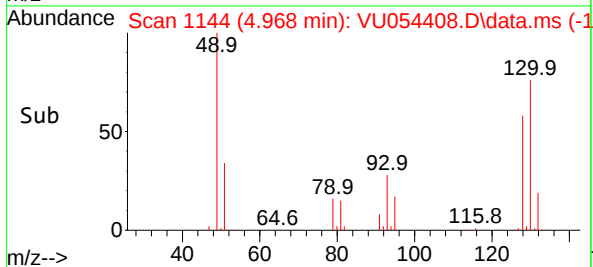
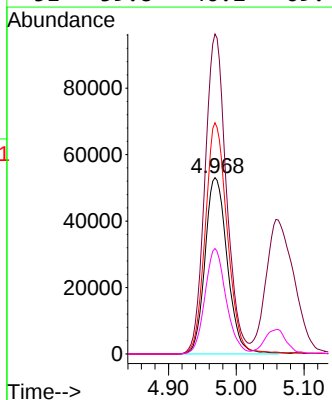
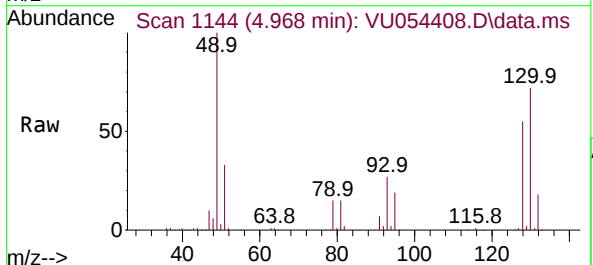
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010034

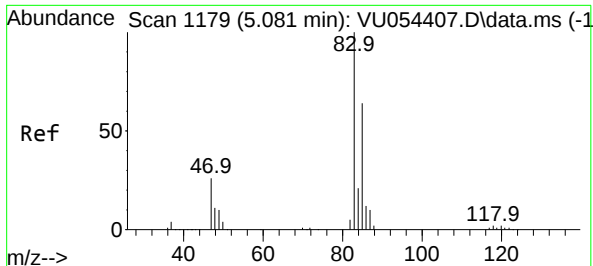
Tgt Ion: 96 Resp: 289129
 Ion Ratio Lower Upper
 96 100
 61 136.0 96.5 179.1
 98 62.6 44.9 83.3



#23
 Bromochloromethane
 Concen: 10.726 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. -0.000 min
 Lab File: VU054408.D
 Acq: 07 Jun 2023 12:52

Tgt Ion: 128 Resp: 121035
 Ion Ratio Lower Upper
 128 100
 49 181.4 132.1 245.3
 130 131.0 91.5 169.9
 51 59.8 46.2 69.4





#25

Chloroform

Concen: 10.559 ug/L

RT: 5.081 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VU054408.D

Acq: 07 Jun 2023 12:52

Instrument :

MSVOA_U

ClientSampleId :

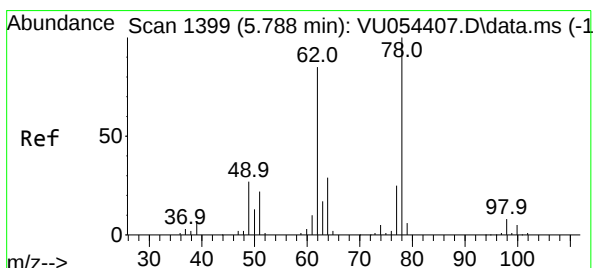
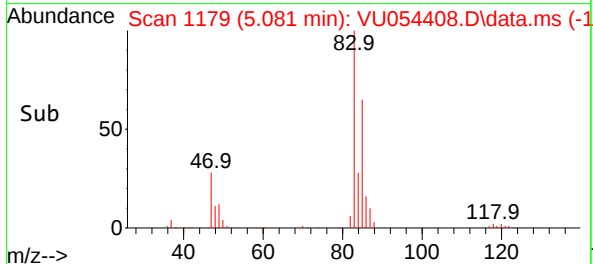
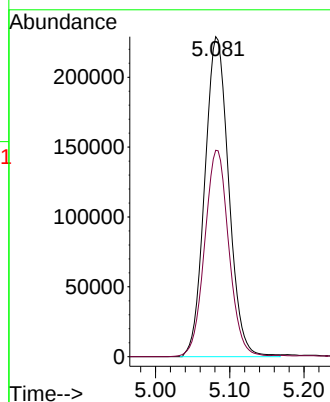
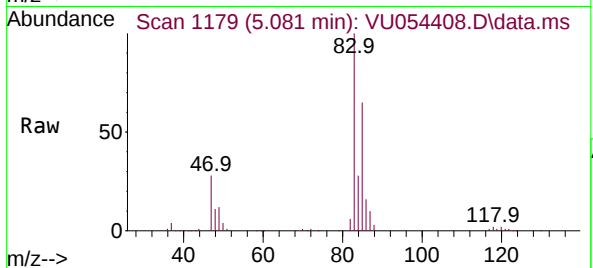
VSTD010034

Tgt Ion: 83 Resp: 512971

Ion Ratio Lower Upper

83 100

85 64.5 44.7 82.9



#27

1,2-Dichloroethane

Concen: 10.556 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. -0.000 min

Lab File: VU054408.D

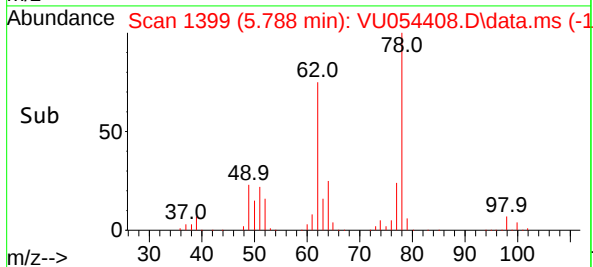
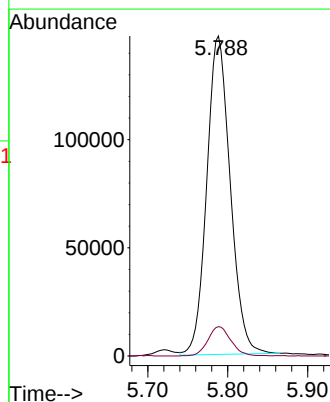
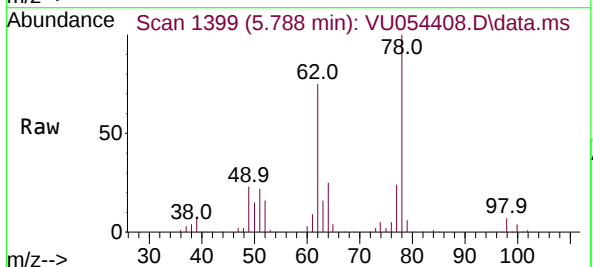
Acq: 07 Jun 2023 12:52

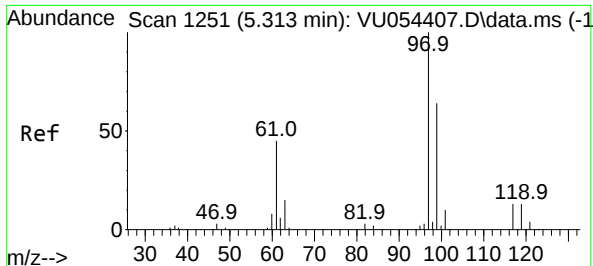
Tgt Ion: 62 Resp: 300614

Ion Ratio Lower Upper

62 100

98 9.2 7.8 11.6





#29

1,1,1-Trichloroethane

Concen: 10.665 ug/L

RT: 5.313 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU054408.D

Acq: 07 Jun 2023 12:52

Instrument :

MSVOA_U

ClientSampleId :

VSTD010034

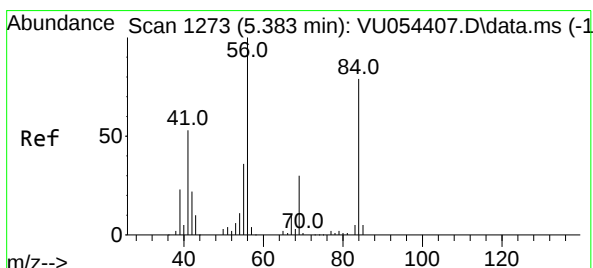
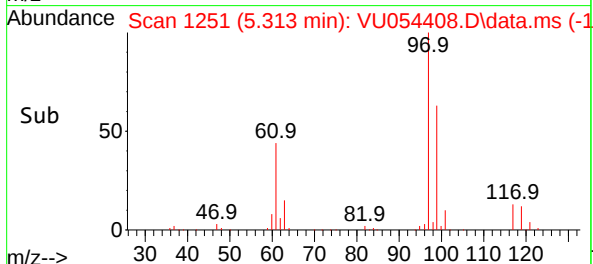
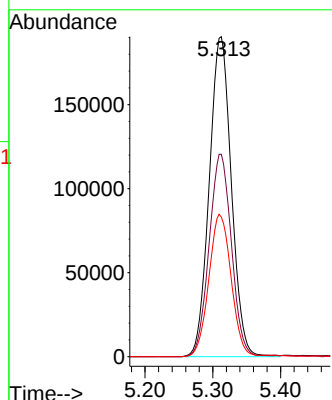
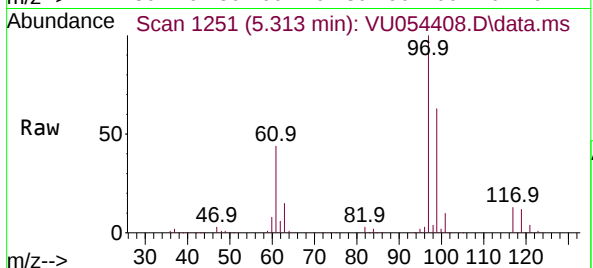
Tgt Ion: 97 Resp: 431174

Ion Ratio Lower Upper

97 100

99 64.0 50.8 76.2

61 44.8 36.1 54.1



#30

Cyclohexane

Concen: 11.024 ug/L

RT: 5.383 min Scan# 1273

Delta R.T. -0.000 min

Lab File: VU054408.D

Acq: 07 Jun 2023 12:52

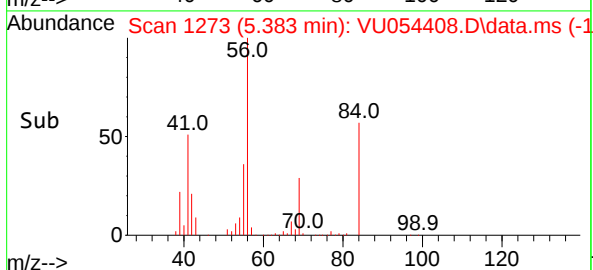
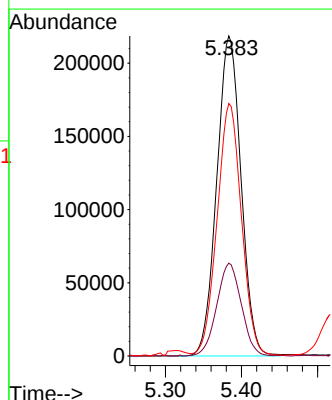
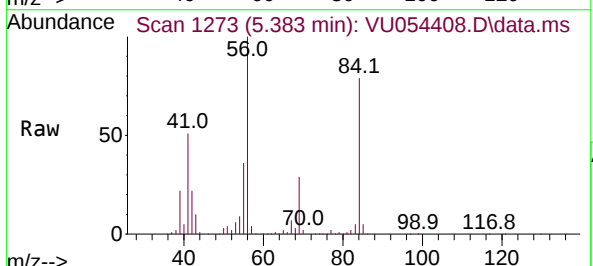
Tgt Ion: 56 Resp: 485433

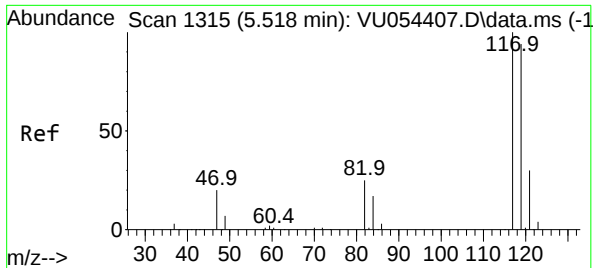
Ion Ratio Lower Upper

56 100

69 29.3 23.9 35.9

84 78.5 63.0 94.6

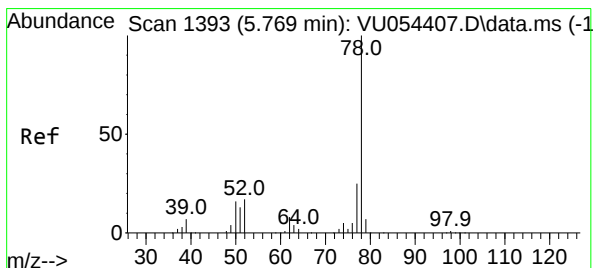
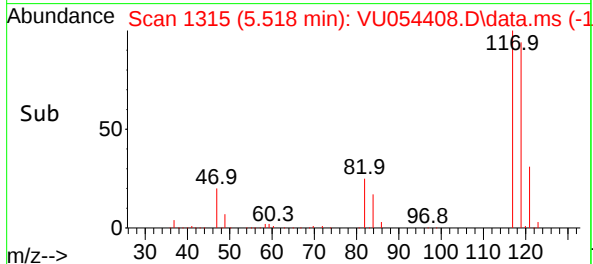
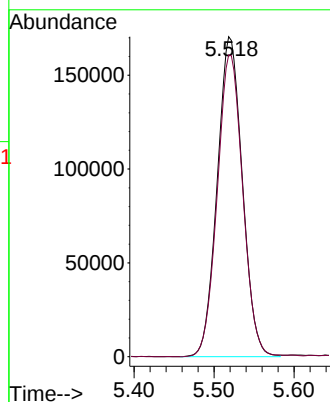
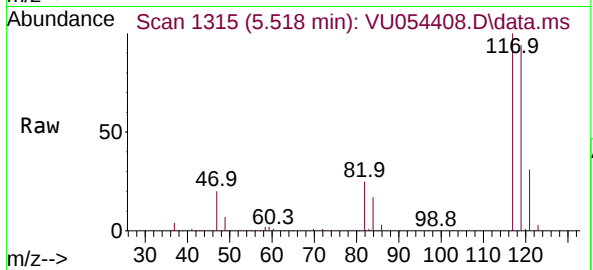




#31
Carbon tetrachloride
Concen: 10.660 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VU054408.D
Acq: 07 Jun 2023 12:52

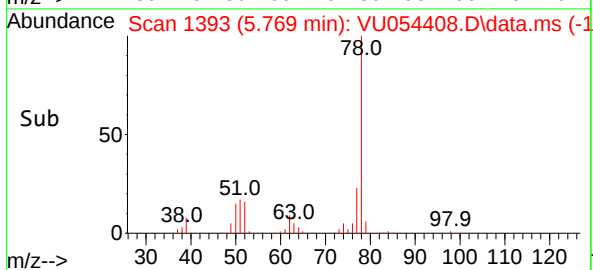
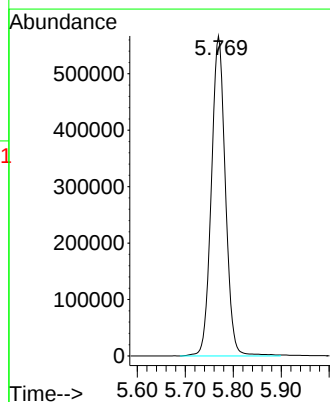
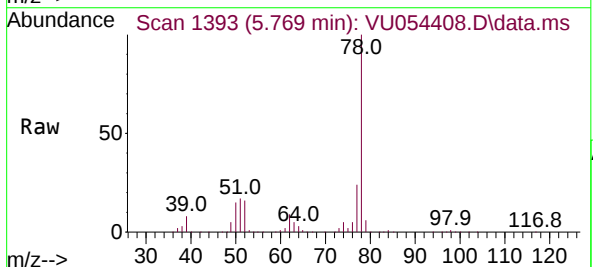
Instrument :
MSVOA_U
ClientSampleId :
VSTD010034

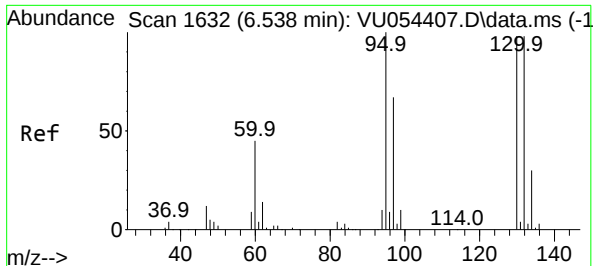
Tgt Ion:117 Resp: 371328
Ion Ratio Lower Upper
117 100
119 95.8 76.8 115.2



#33
Benzene
Concen: 10.770 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. -0.000 min
Lab File: VU054408.D
Acq: 07 Jun 2023 12:52

Tgt Ion: 78 Resp: 1153974

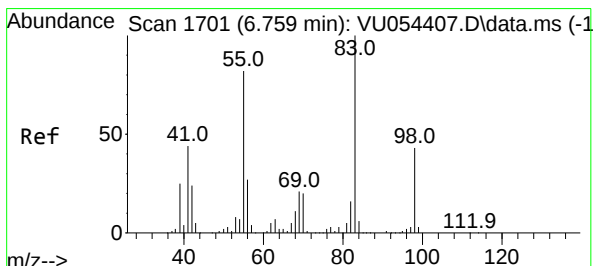
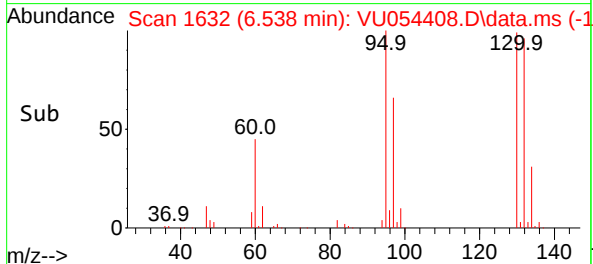
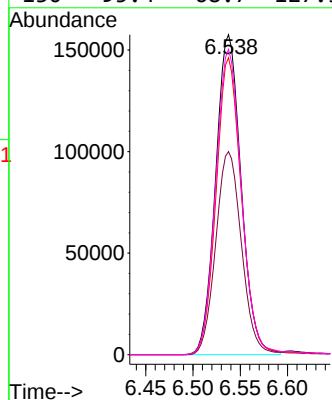
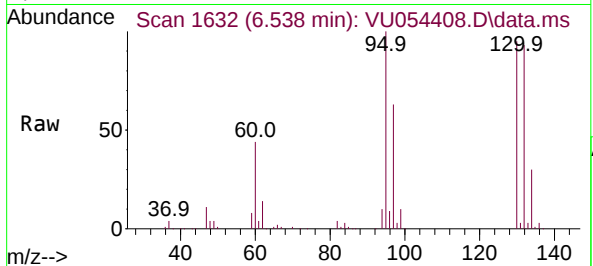




#34
Trichloroethene
Concen: 10.434 ug/L
RT: 6.538 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU054408.D
Acq: 07 Jun 2023 12:52

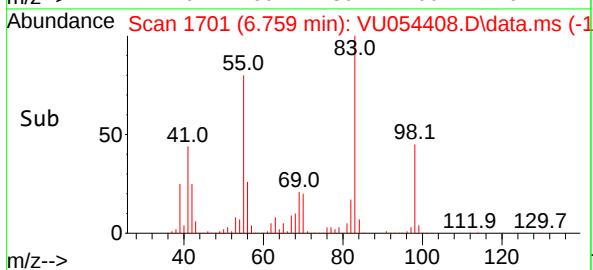
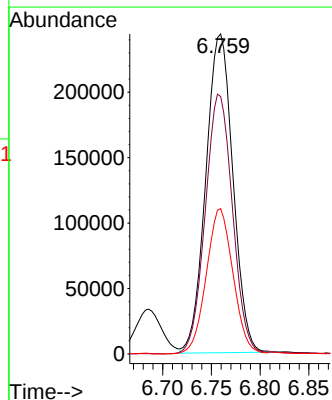
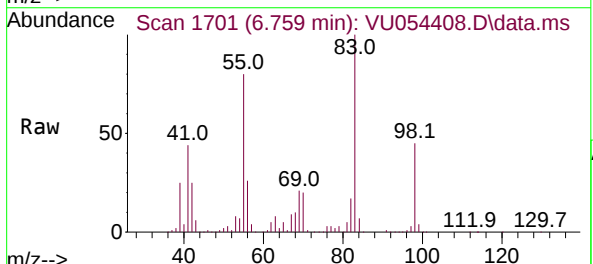
Instrument :
MSVOA_U
ClientSampleId :
VSTD010034

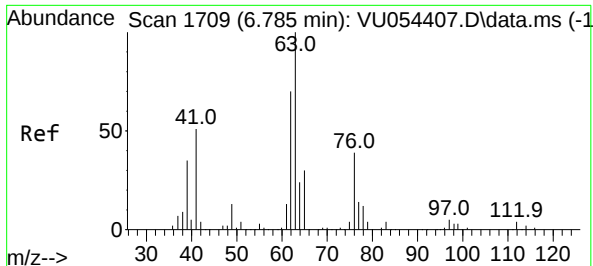
Tgt Ion: 95 Resp: 295643
Ion Ratio Lower Upper
95 100
97 63.4 46.8 87.0
132 92.8 68.4 127.0
130 95.4 68.7 127.5



#35
Methylcyclohexane
Concen: 11.019 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VU054408.D
Acq: 07 Jun 2023 12:52

Tgt Ion: 83 Resp: 471903
Ion Ratio Lower Upper
83 100
55 82.4 67.1 100.7
98 45.0 35.1 52.7





#37

1,2-Dichloropropane

Concen: 10.691 ug/L

RT: 6.785 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU054408.D

Acq: 07 Jun 2023 12:52

Instrument :

MSVOA_U

ClientSampleId :

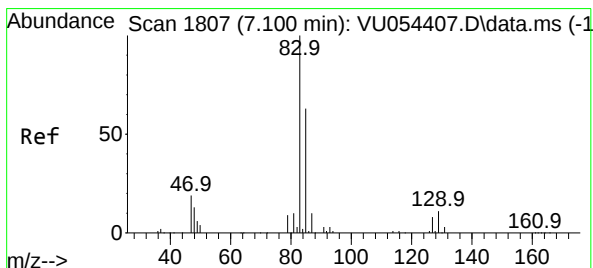
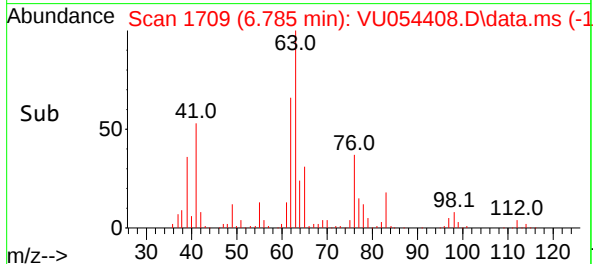
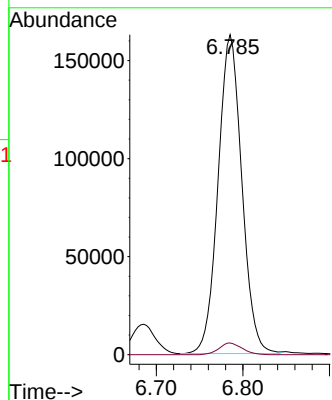
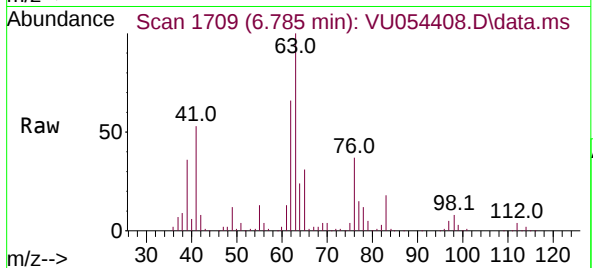
VSTD010034

Tgt Ion: 63 Resp: 309740

Ion Ratio Lower Upper

63 100

112 3.6 3.0 4.6



#38

Bromodichloromethane

Concen: 10.708 ug/L

RT: 7.100 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VU054408.D

Acq: 07 Jun 2023 12:52

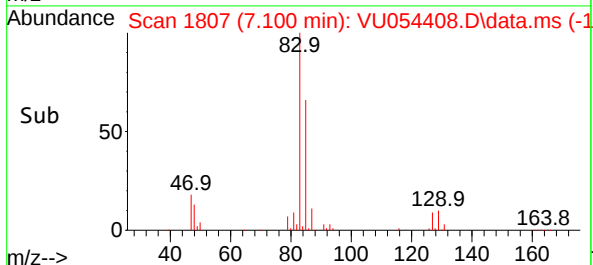
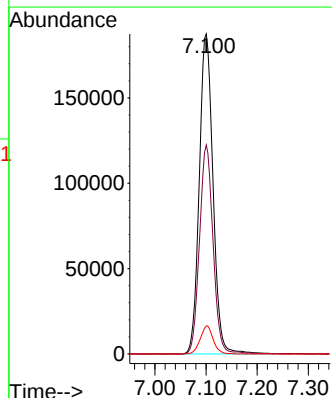
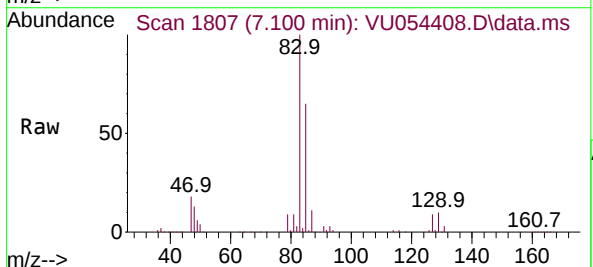
Tgt Ion: 83 Resp: 351163

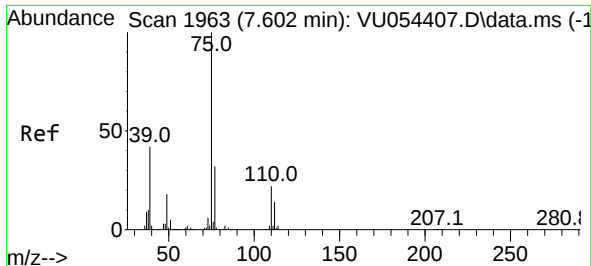
Ion Ratio Lower Upper

83 100

85 65.3 44.1 81.9

127 8.8 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 11.206 ug/L

RT: 7.602 min Scan# 1963

Delta R.T. -0.000 min

Lab File: VU054408.D

Acq: 07 Jun 2023 12:52

Instrument :

MSVOA_U

ClientSampleId :

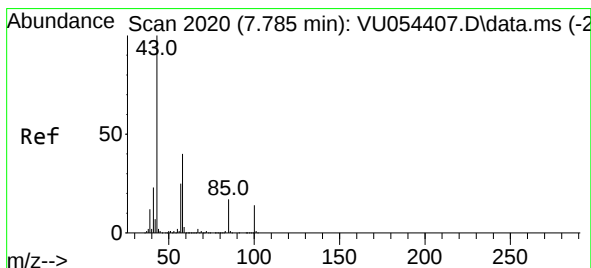
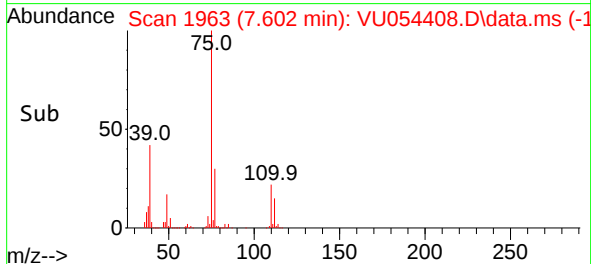
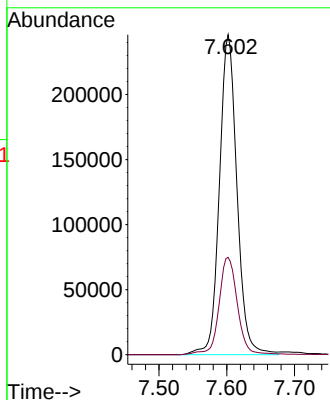
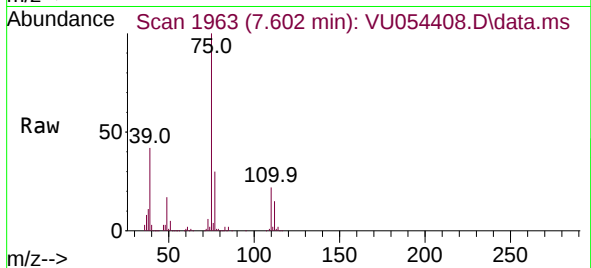
VSTD010034

Tgt Ion: 75 Resp: 443246

Ion Ratio Lower Upper

75 100

77 30.4 22.3 41.5



#40

4-Methyl-2-pentanone

Concen: 108.778 ug/L

RT: 7.785 min Scan# 2020

Delta R.T. -0.000 min

Lab File: VU054408.D

Acq: 07 Jun 2023 12:52

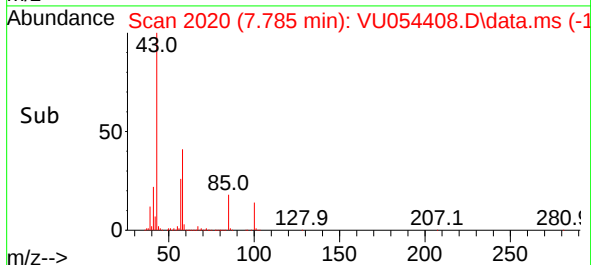
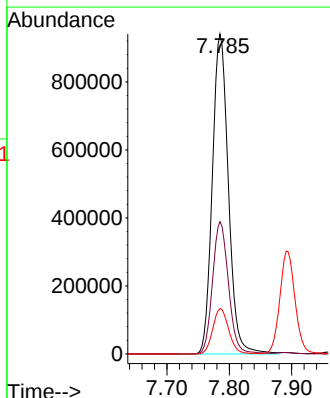
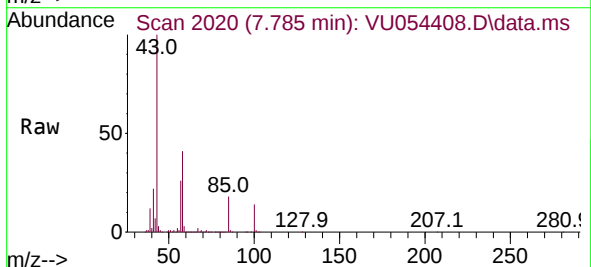
Tgt Ion: 43 Resp: 1681728

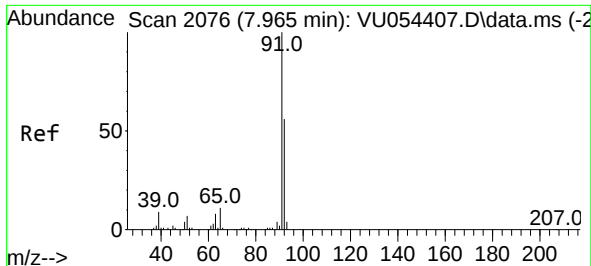
Ion Ratio Lower Upper

43 100

58 41.1 32.4 48.6

100 14.1 11.4 17.2





#42

Toluene

Concen: 10.932 ug/L

RT: 7.965 min Scan# 2100

Delta R.T. -0.000 min

Lab File: VU054408.D

Acq: 07 Jun 2023 12:52

Instrument :

MSVOA_U

ClientSampleId :

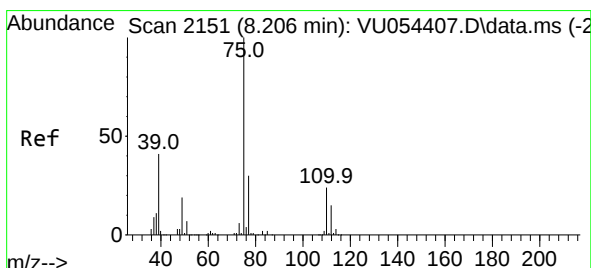
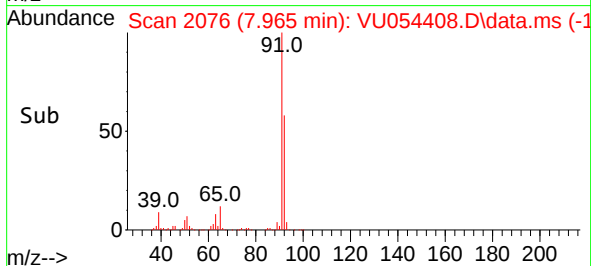
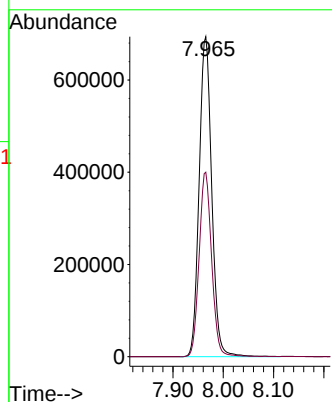
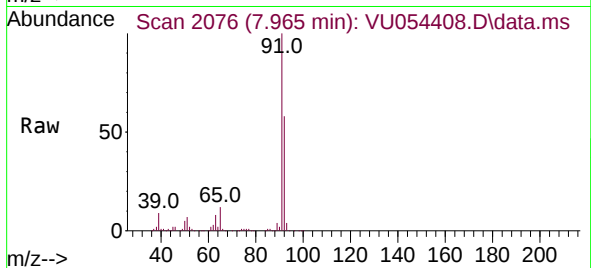
VSTD010034

Tgt Ion: 91 Resp: 1206239

Ion Ratio Lower Upper

91 100

92 57.7 39.5 73.4



#44

trans-1,3-Dichloropropene

Concen: 11.108 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.003 min

Lab File: VU054408.D

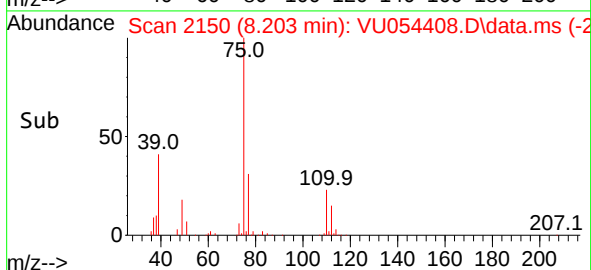
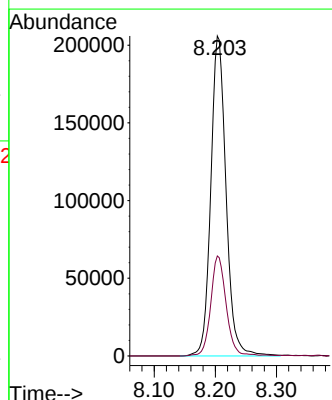
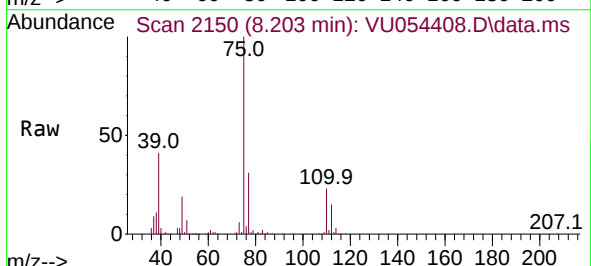
Acq: 07 Jun 2023 12:52

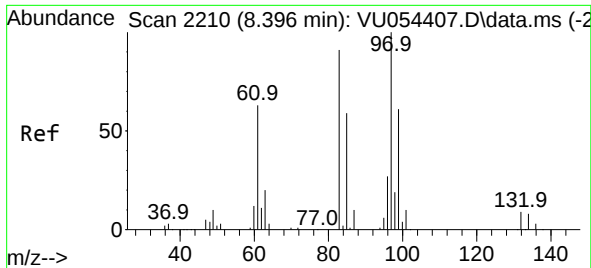
Tgt Ion: 75 Resp: 356554

Ion Ratio Lower Upper

75 100

77 31.3 21.3 39.6



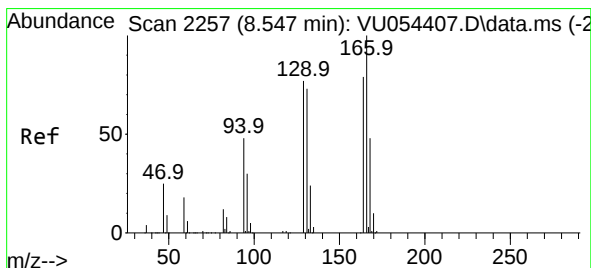
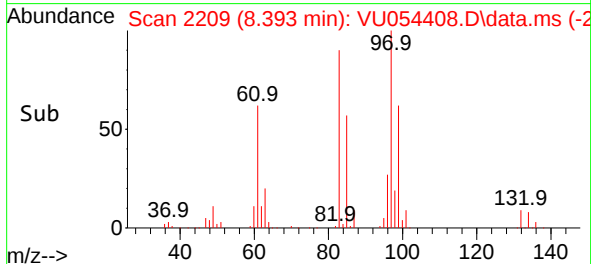
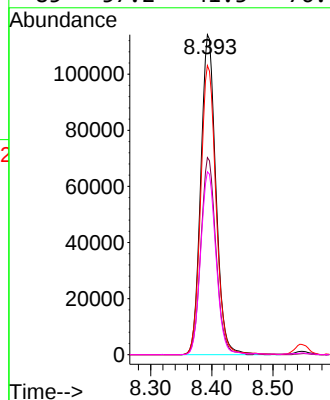
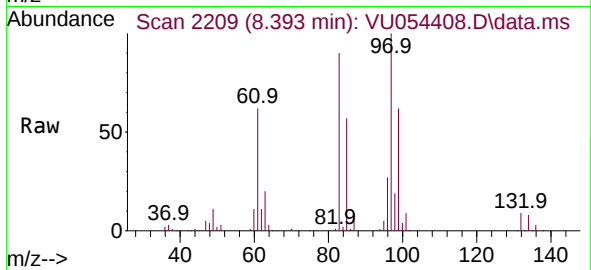


#45
1,1,2-Trichloroethane
Concen: 10.641 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. -0.003 min
Lab File: VU054408.D
Acq: 07 Jun 2023 12:52

Instrument :
MSVOA_U
ClientSampleId :
VSTD010034

Tgt Ion: 97 Resp: 196118

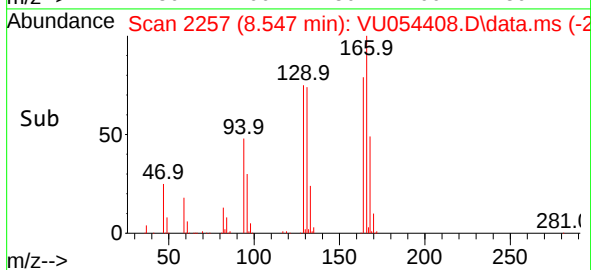
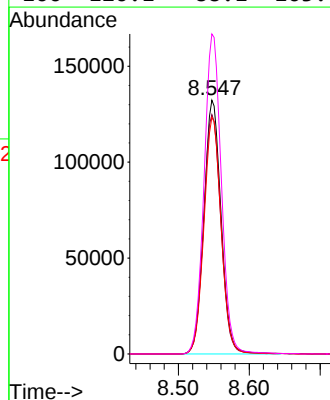
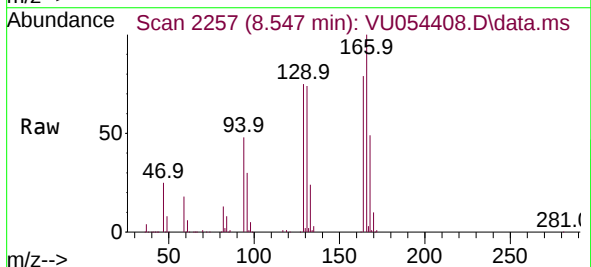
Ion	Ratio	Lower	Upper
97	100		
99	61.6	43.0	80.0
83	90.4	63.8	118.6
85	57.2	41.3	76.7

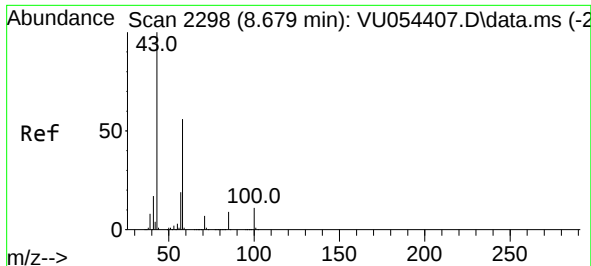


#47
Tetrachloroethene
Concen: 10.282 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU054408.D
Acq: 07 Jun 2023 12:52

Tgt Ion: 164 Resp: 222989

Ion	Ratio	Lower	Upper
164	100		
129	94.3	67.7	125.7
131	93.2	64.6	120.0
166	126.1	88.1	163.7



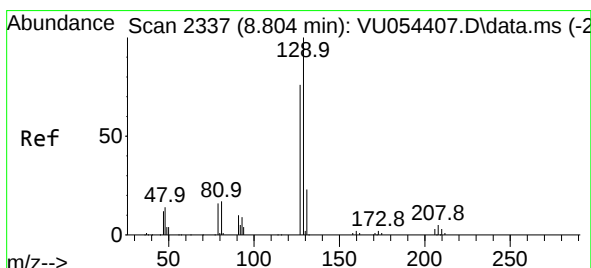
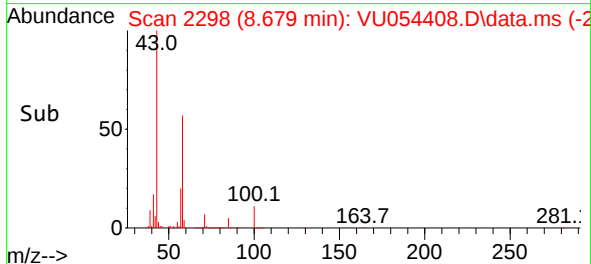
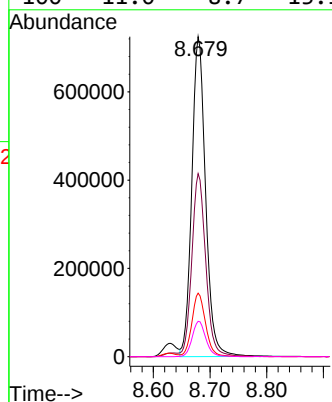
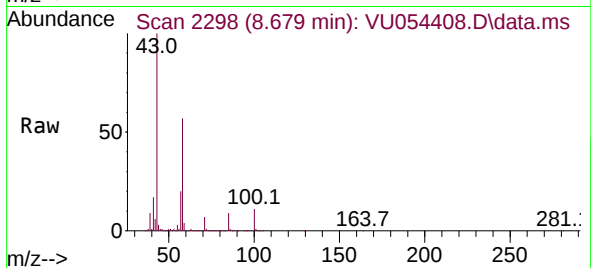


#48
2-Hexanone
Concen: 106.350 ug/L
RT: 8.679 min Scan# 2298
Delta R.T. -0.000 min
Lab File: VU054408.D
Acq: 07 Jun 2023 12:52

Instrument :
MSVOA_U
ClientSampleId :
VSTD010034

Tgt Ion: 43 Resp: 1225108

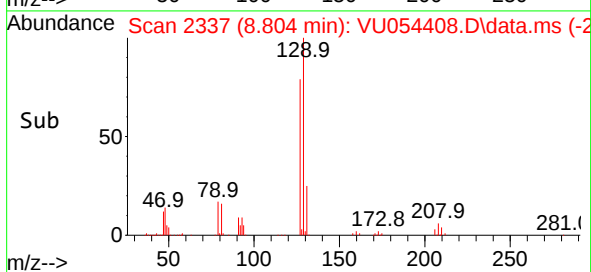
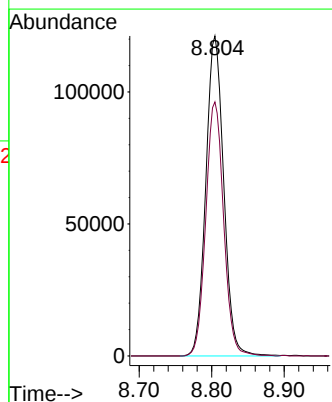
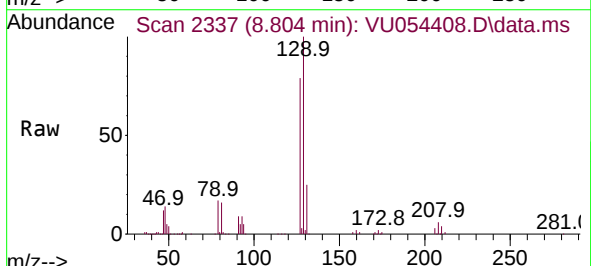
Ion	Ratio	Lower	Upper
43	100		
58	57.7	45.2	67.8
57	19.7	15.8	23.6
100	11.0	8.7	13.1

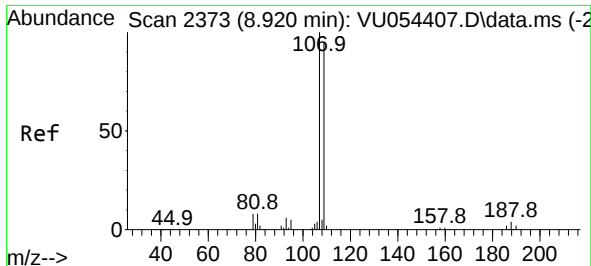


#49
Dibromochloromethane
Concen: 10.752 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VU054408.D
Acq: 07 Jun 2023 12:52

Tgt Ion: 129 Resp: 208067

Ion	Ratio	Lower	Upper
129	100		
127	79.4	53.2	98.8





#50

1,2-Dibromoethane

Concen: 10.761 ug/L

RT: 8.917 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU054408.D

Acq: 07 Jun 2023 12:52

Instrument :

MSVOA_U

ClientSampleId :

VSTD010034

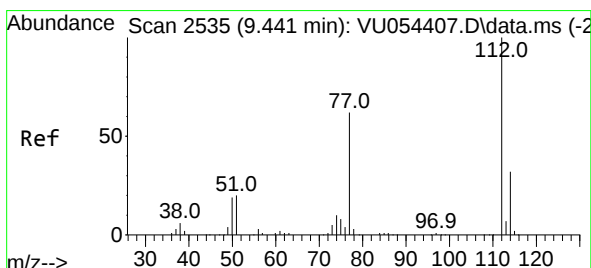
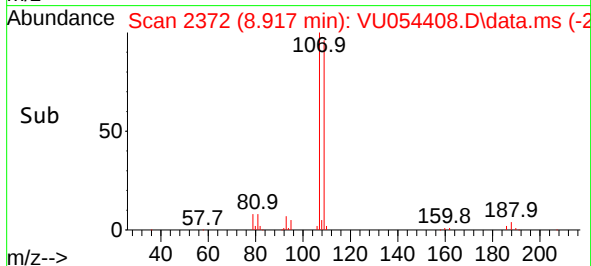
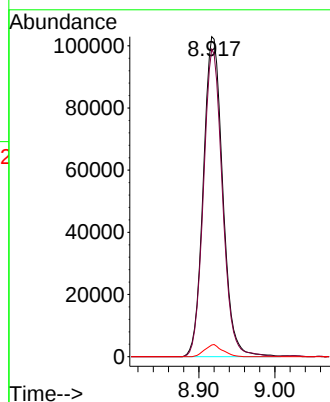
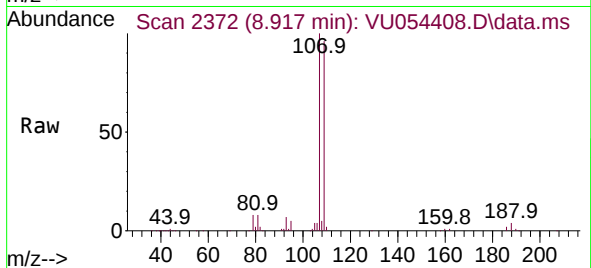
Tgt Ion:107 Resp: 182082

Ion Ratio Lower Upper

107 100

109 96.0 66.6 123.6

188 3.7 3.1 4.7



#51

Chlorobenzene

Concen: 10.714 ug/L

RT: 9.441 min Scan# 2535

Delta R.T. -0.000 min

Lab File: VU054408.D

Acq: 07 Jun 2023 12:52

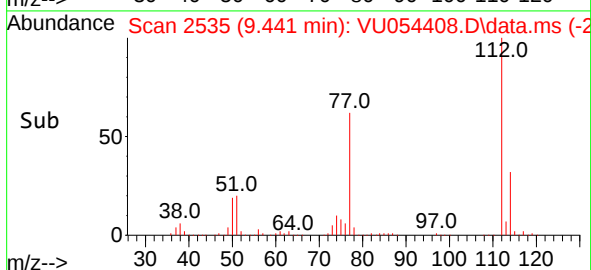
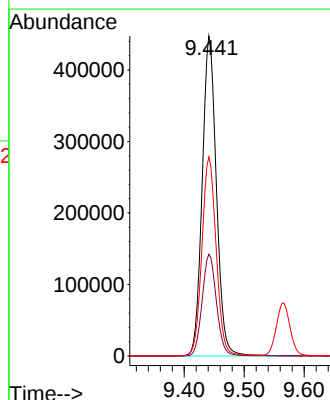
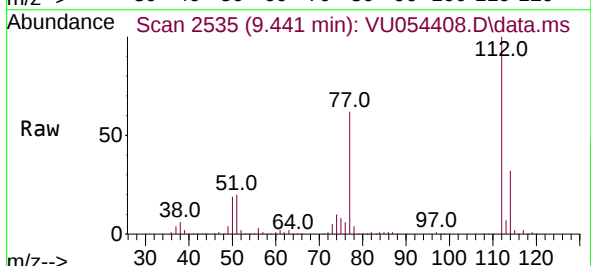
Tgt Ion:112 Resp: 736917

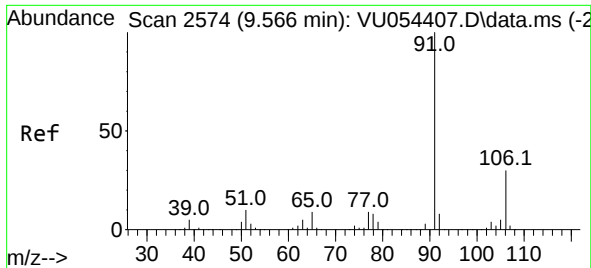
Ion Ratio Lower Upper

112 100

114 31.8 22.7 42.1

77 62.2 49.8 74.8

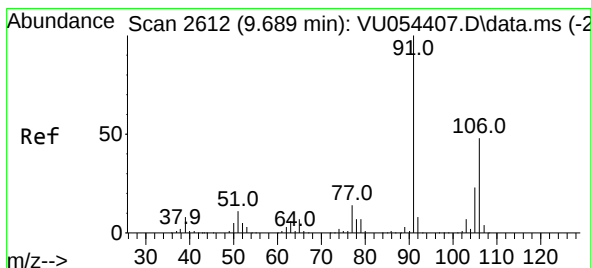
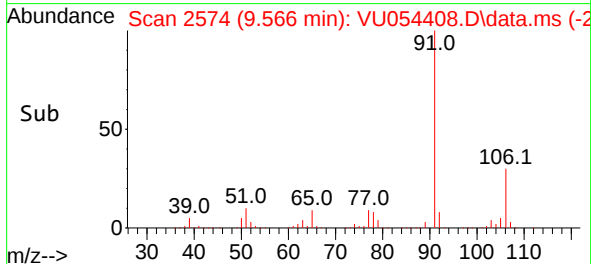
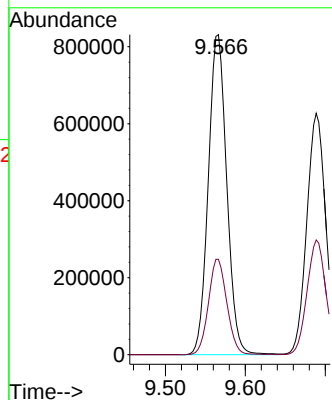
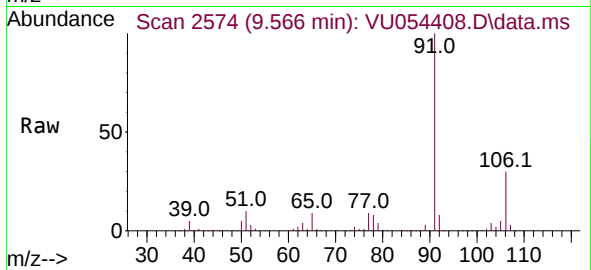




#52
Ethylbenzene
Concen: 11.066 ug/L
RT: 9.566 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU054408.D
Acq: 07 Jun 2023 12:52

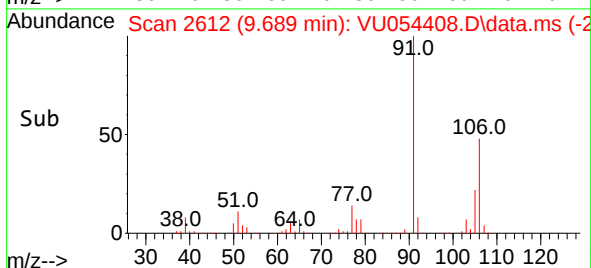
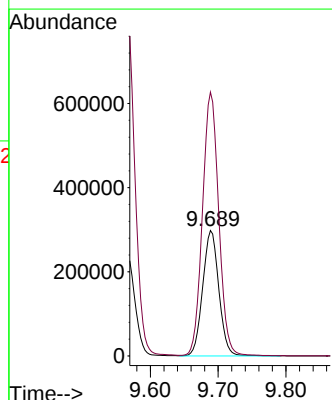
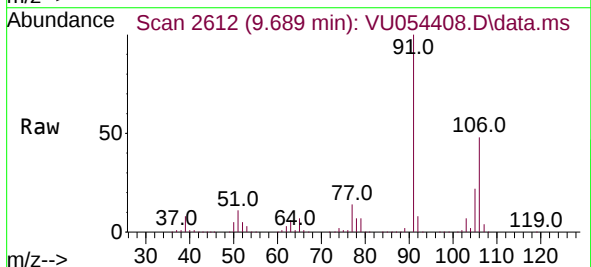
Instrument :
MSVOA_U
ClientSampleId :
VSTD010034

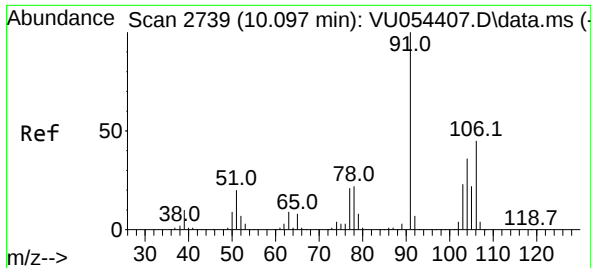
Tgt Ion: 91 Resp: 1333486
Ion Ratio Lower Upper
91 100
106 29.8 21.1 39.3



#53
m,p-Xylene
Concen: 11.099 ug/L
RT: 9.689 min Scan# 2612
Delta R.T. -0.000 min
Lab File: VU054408.D
Acq: 07 Jun 2023 12:52

Tgt Ion: 106 Resp: 491362
Ion Ratio Lower Upper
106 100
91 210.4 147.0 273.0

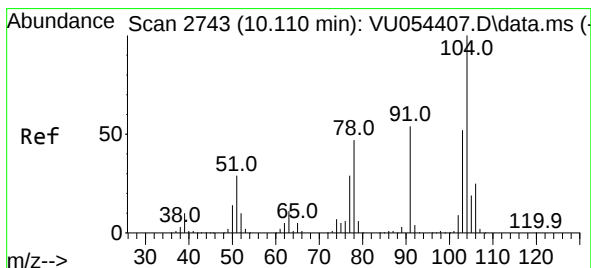
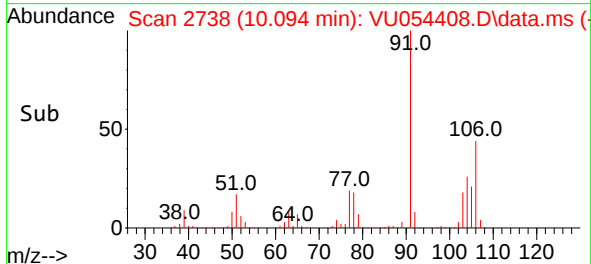
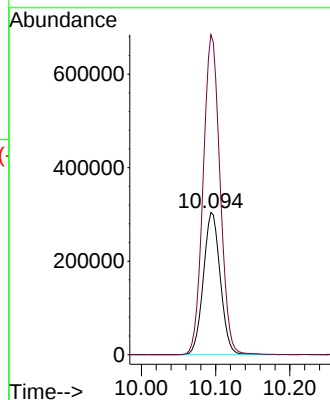
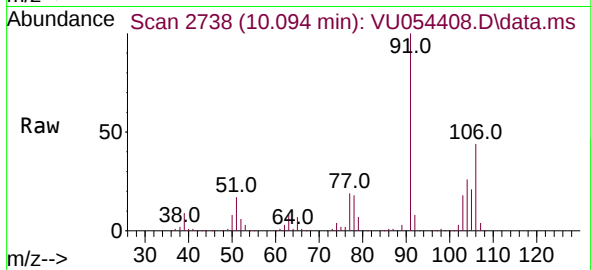




#54
o-Xylene
Concen: 11.213 ug/L
RT: 10.094 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU054408.D
Acq: 07 Jun 2023 12:52

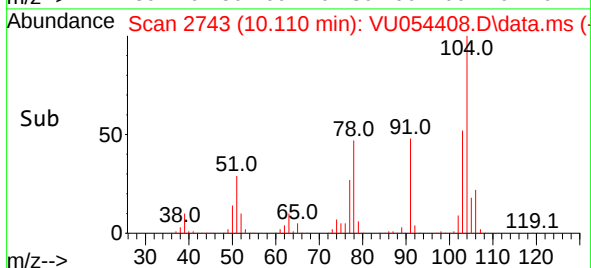
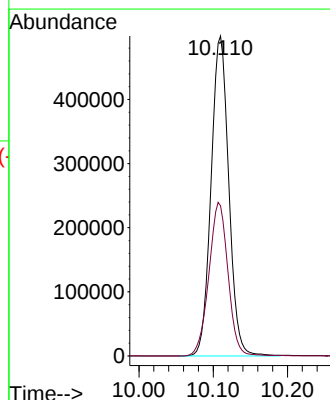
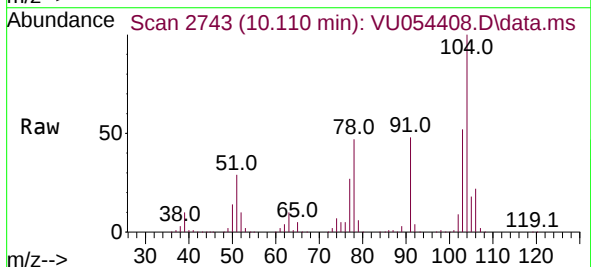
Instrument :
MSVOA_U
ClientSampleId :
VSTD010034

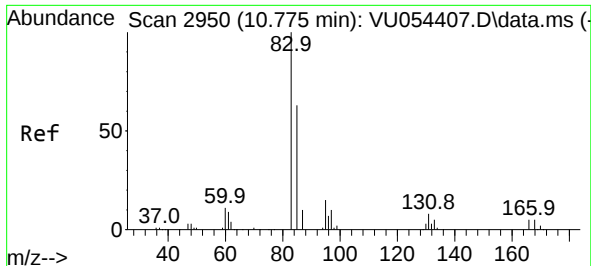
Tgt Ion:106 Resp: 480026
Ion Ratio Lower Upper
106 100
91 225.0 154.5 286.9



#55
Styrene
Concen: 11.471 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. -0.000 min
Lab File: VU054408.D
Acq: 07 Jun 2023 12:52

Tgt Ion:104 Resp: 824237
Ion Ratio Lower Upper
104 100
78 46.9 33.0 61.4

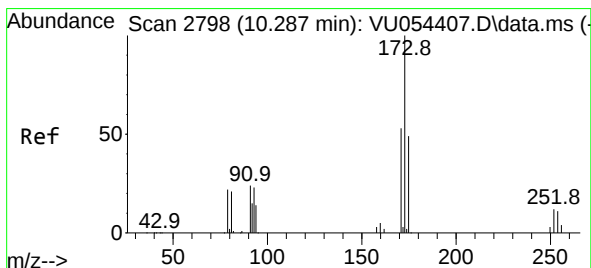
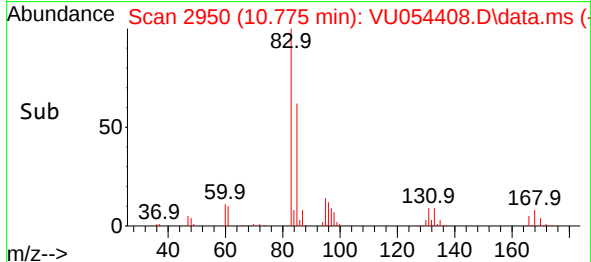
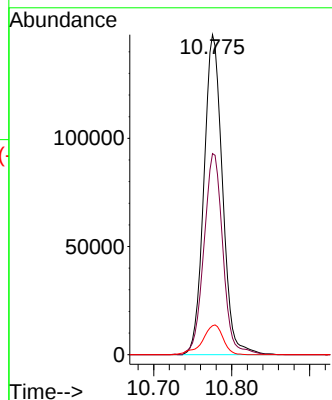
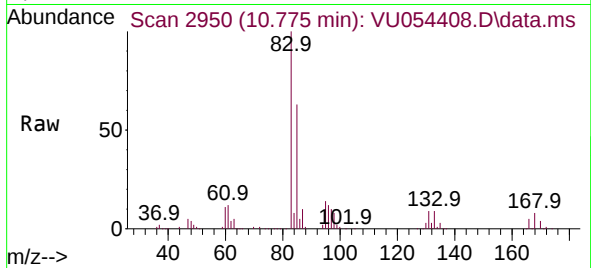




#57
1,1,2,2-Tetrachloroethane
Concen: 10.440 ug/L
RT: 10.775 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU054408.D
Acq: 07 Jun 2023 12:52

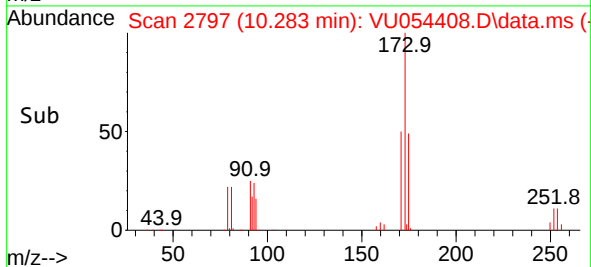
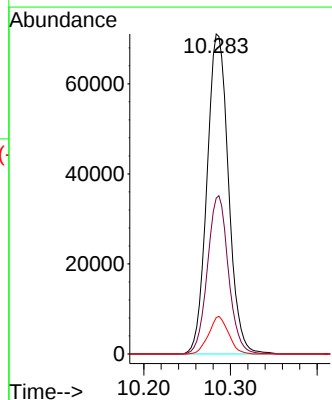
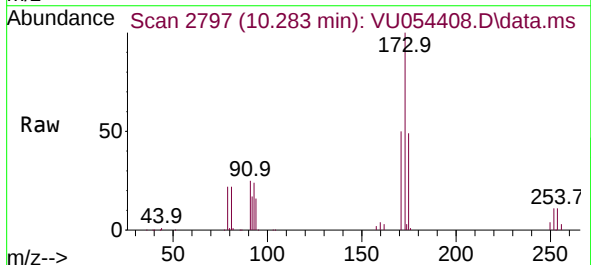
Instrument :
MSVOA_U
ClientSampleId :
VSTD010034

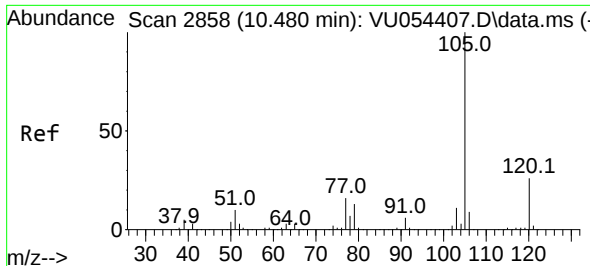
Tgt Ion: 83 Resp: 244412
Ion Ratio Lower Upper
83 100
85 62.8 44.2 82.2
131 9.1 7.0 10.6



#59
Bromoform
Concen: 10.342 ug/L
RT: 10.283 min Scan# 2797
Delta R.T. -0.003 min
Lab File: VU054408.D
Acq: 07 Jun 2023 12:52

Tgt Ion:173 Resp: 122337
Ion Ratio Lower Upper
173 100
175 48.2 39.4 59.0
254 10.8 8.6 12.8

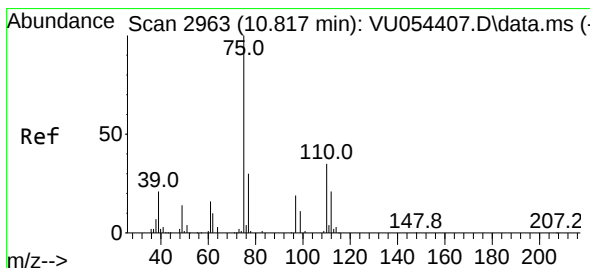
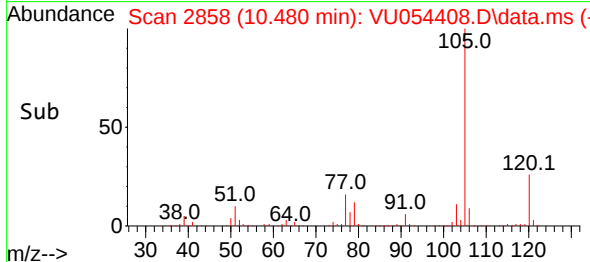
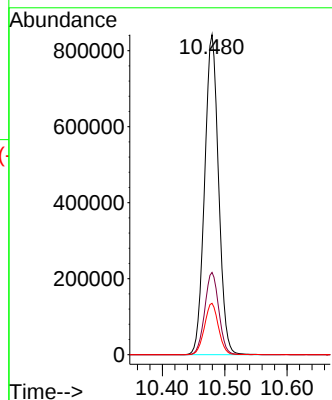
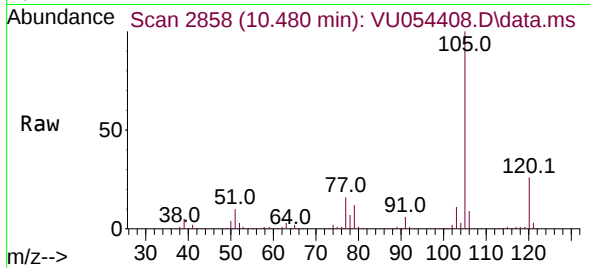




#60
Isopropylbenzene
Concen: 10.870 ug/L
RT: 10.480 min Scan# 2858
Delta R.T. -0.000 min
Lab File: VU054408.D
Acq: 07 Jun 2023 12:52

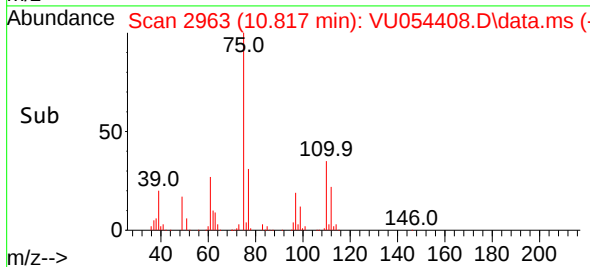
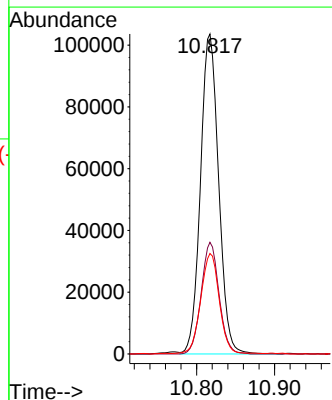
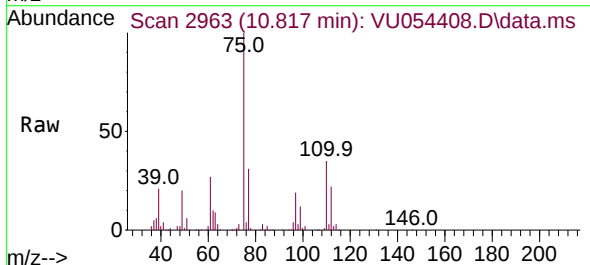
Instrument :
MSVOA_U
ClientSampleId :
VSTD010034

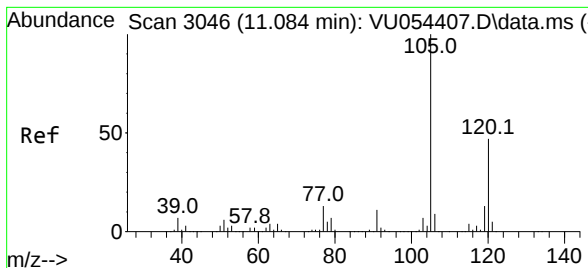
Tgt Ion:105 Resp: 1310285
Ion Ratio Lower Upper
105 100
120 25.9 20.9 31.3
77 16.2 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 10.071 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. -0.000 min
Lab File: VU054408.D
Acq: 07 Jun 2023 12:52

Tgt Ion: 75 Resp: 167696
Ion Ratio Lower Upper
75 100
110 34.3 28.0 42.0
77 31.6 25.4 38.2





#62

1,3,5-Trimethylbenzene

Concen: 11.174 ug/L

RT: 11.084 min Scan# 3046

Delta R.T. -0.000 min

Lab File: VU054408.D

Acq: 07 Jun 2023 12:52

Instrument :

MSVOA_U

ClientSampleId :

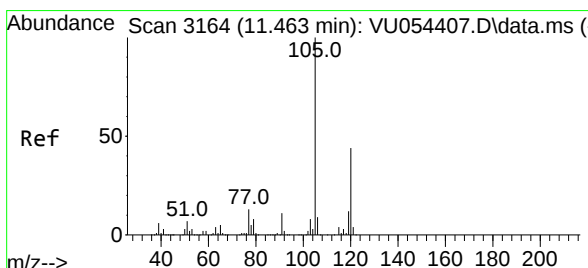
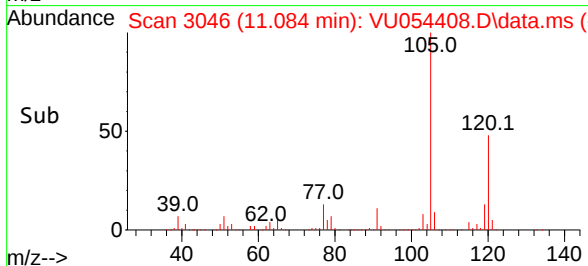
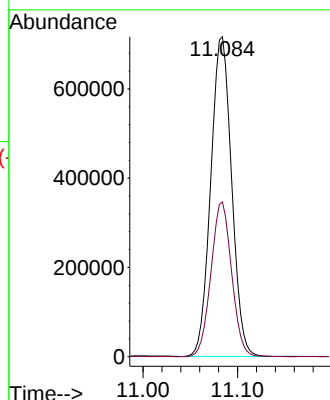
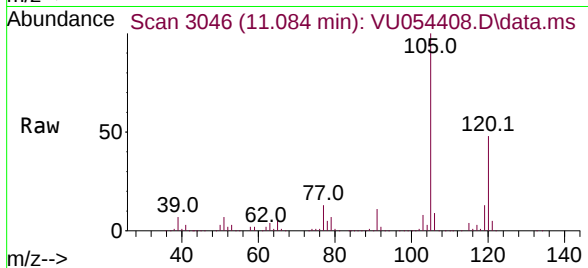
VSTD010034

Tgt Ion:105 Resp: 1098903

Ion Ratio Lower Upper

105 100

120 47.8 37.9 56.9



#63

1,2,4-Trimethylbenzene

Concen: 11.232 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. -0.000 min

Lab File: VU054408.D

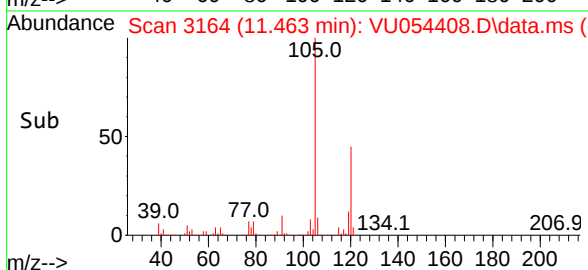
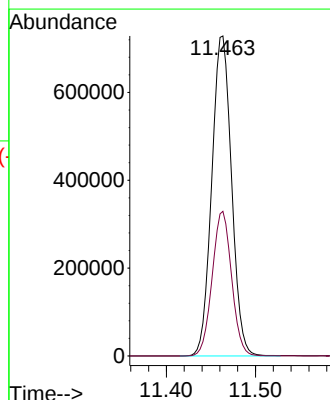
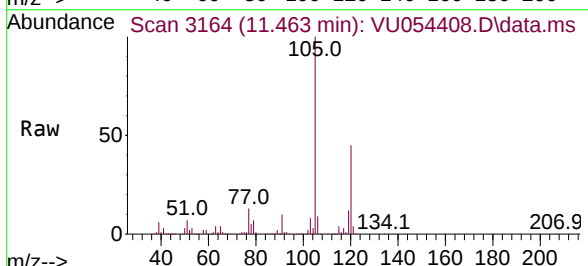
Acq: 07 Jun 2023 12:52

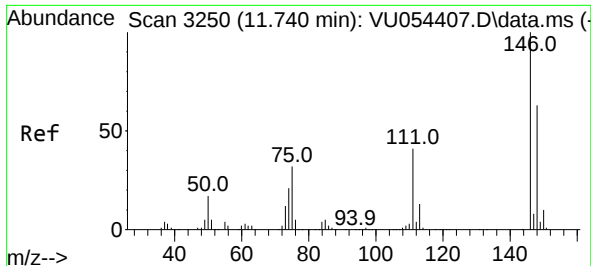
Tgt Ion:105 Resp: 1121898

Ion Ratio Lower Upper

105 100

120 44.3 35.4 53.0

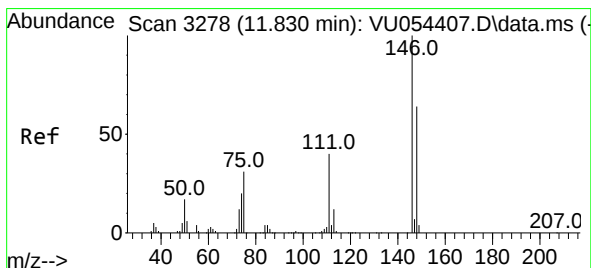
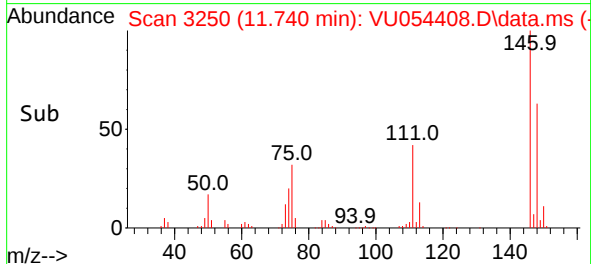
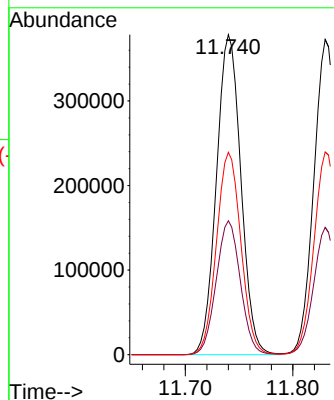
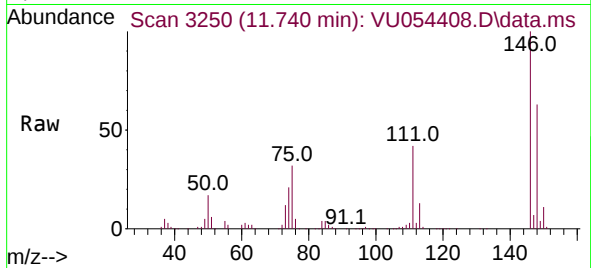




#64
1,3-Dichlorobenzene
Concen: 10.621 ug/L
RT: 11.740 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU054408.D
Acq: 07 Jun 2023 12:52

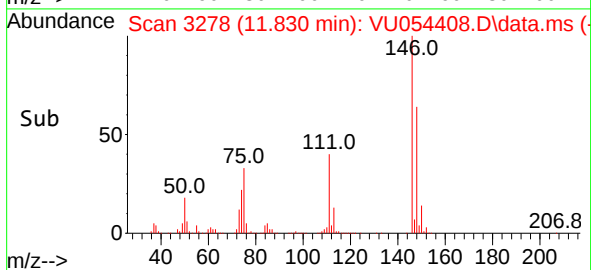
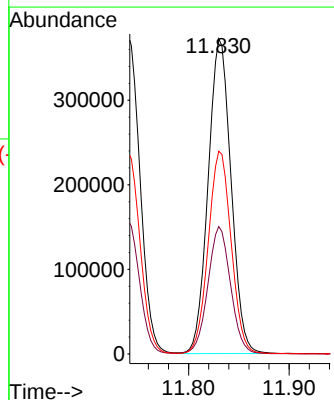
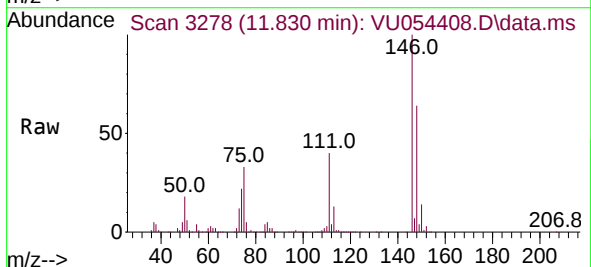
Instrument :
MSVOA_U
ClientSampleId :
VSTD010034

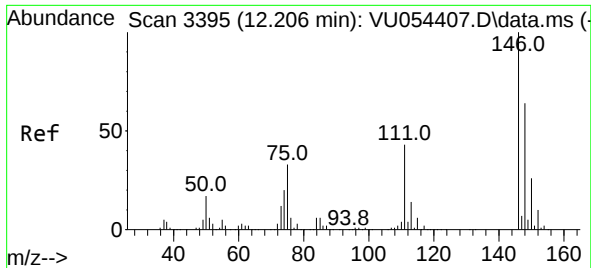
Tgt Ion:146 Resp: 598386
Ion Ratio Lower Upper
146 100
111 41.9 28.9 53.7
148 63.2 44.0 81.8



#65
1,4-Dichlorobenzene
Concen: 10.421 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. -0.000 min
Lab File: VU054408.D
Acq: 07 Jun 2023 12:52

Tgt Ion:146 Resp: 589294
Ion Ratio Lower Upper
146 100
111 40.4 28.0 52.0
148 64.3 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 10.480 ug/L

RT: 12.206 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU054408.D

Acq: 07 Jun 2023 12:52

Instrument :

MSVOA_U

ClientSampleId :

VSTD010034

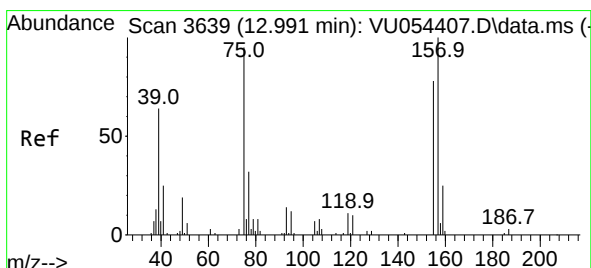
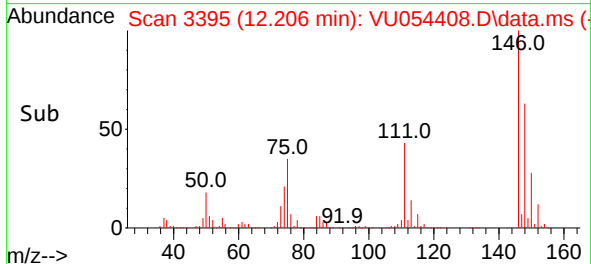
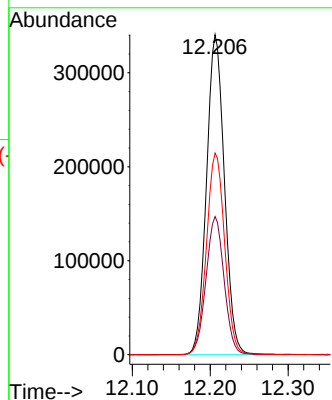
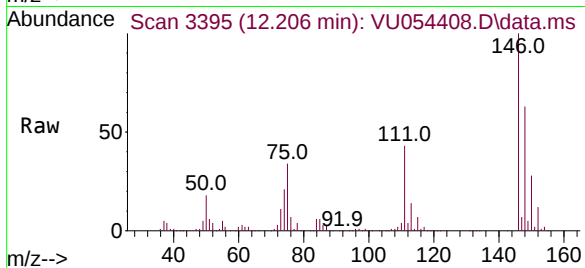
Tgt Ion:146 Resp: 543055

Ion Ratio Lower Upper

146 100

111 43.2 34.5 51.7

148 63.0 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 10.387 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. -0.000 min

Lab File: VU054408.D

Acq: 07 Jun 2023 12:52

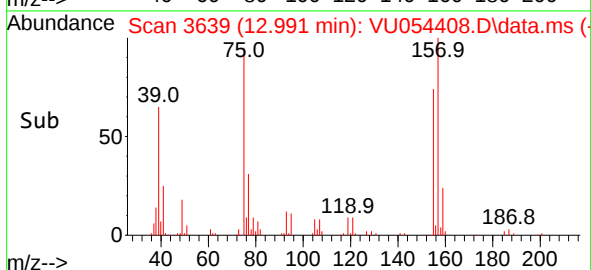
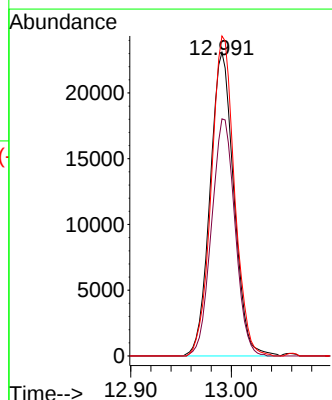
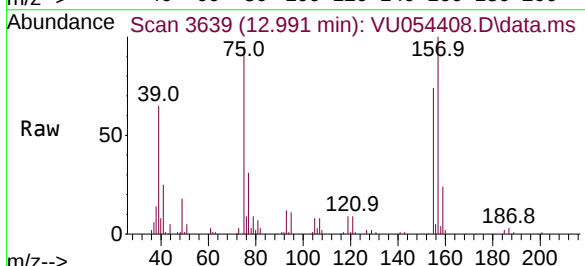
Tgt Ion: 75 Resp: 38008

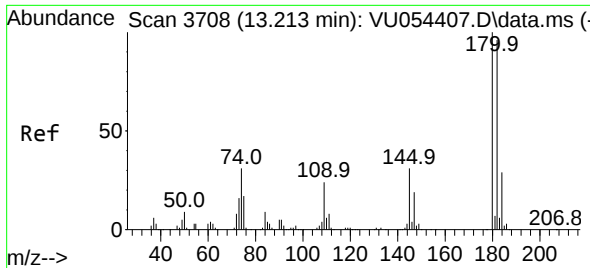
Ion Ratio Lower Upper

75 100

155 78.1 65.7 98.5

157 105.4 84.2 126.2

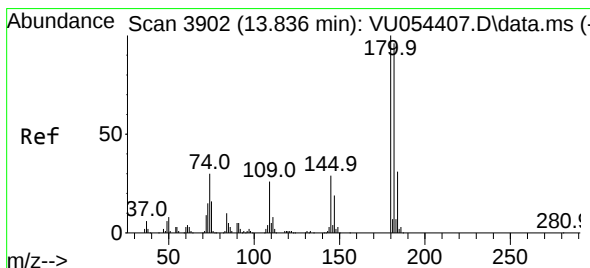
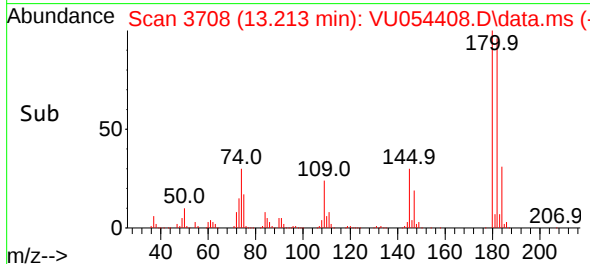
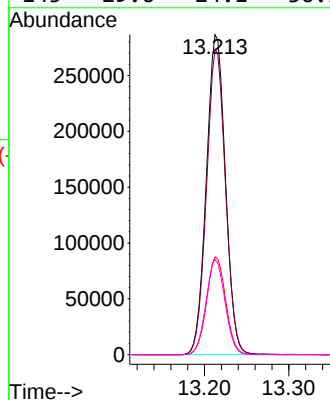
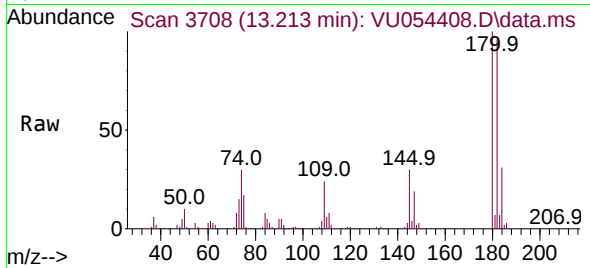




#69
 1,3,5-Trichlorobenzene
 Concen: 10.629 ug/L
 RT: 13.213 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU054408.D
 Acq: 07 Jun 2023 12:52

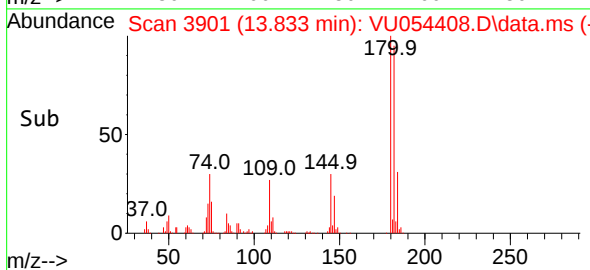
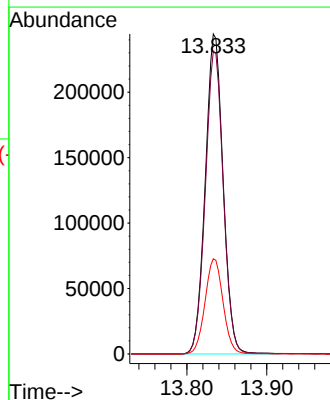
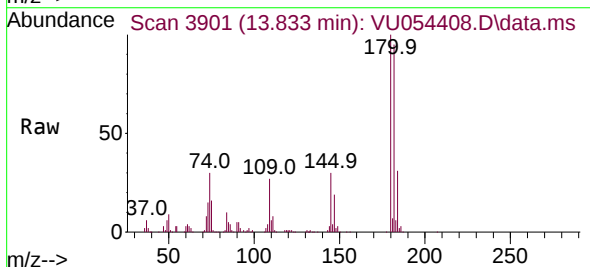
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010034

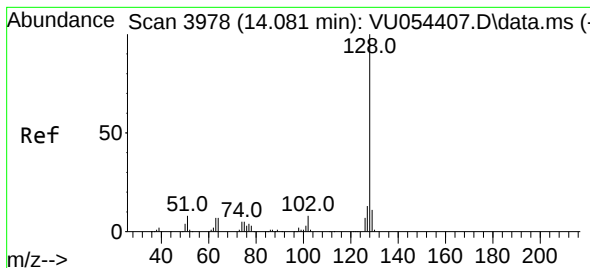
Tgt Ion:	180	Resp:	451852
Ion	Ratio	Lower	Upper
180	100		
182	94.9	75.0	112.6
184	30.6	24.1	36.1
145	29.6	24.1	36.1



#70
 1,2,4-trichlorobenzene
 Concen: 10.821 ug/L
 RT: 13.833 min Scan# 3901
 Delta R.T. -0.003 min
 Lab File: VU054408.D
 Acq: 07 Jun 2023 12:52

Tgt Ion:	180	Resp:	380388
Ion	Ratio	Lower	Upper
180	100		
182	95.2	76.6	114.8
145	30.1	24.0	36.0





#71

Naphthalene

Concen: 10.880 ug/L

RT: 14.081 min Scan# 3978

Delta R.T. -0.000 min

Lab File: VU054408.D

Acq: 07 Jun 2023 12:52

Instrument :

MSVOA_U

ClientSampleId :

VSTD010034

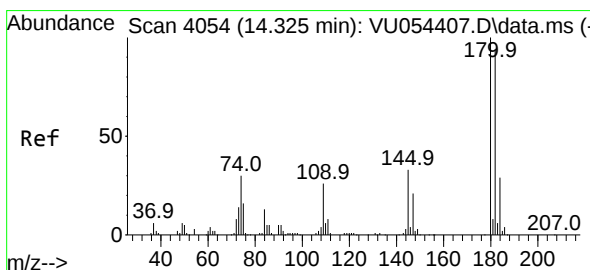
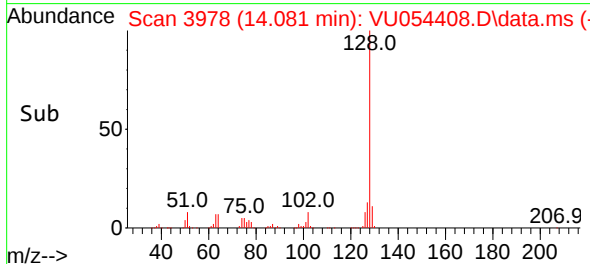
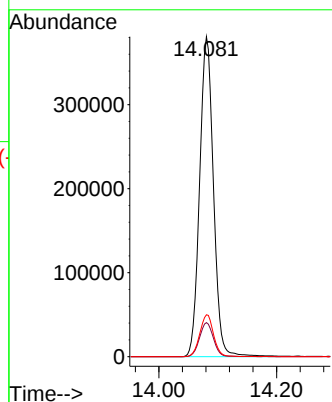
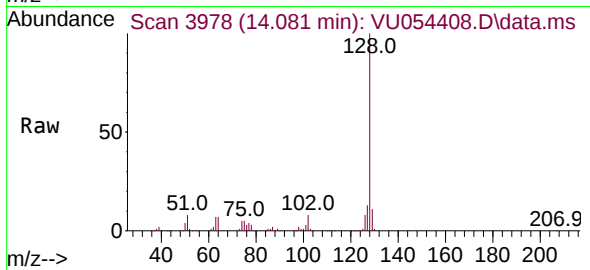
Tgt Ion:128 Resp: 621875

Ion Ratio Lower Upper

128 100

129 10.7 8.6 12.8

127 13.0 10.6 15.8



#72

1,2,3-Trichlorobenzene

Concen: 10.764 ug/L

RT: 14.325 min Scan# 4054

Delta R.T. -0.000 min

Lab File: VU054408.D

Acq: 07 Jun 2023 12:52

Tgt Ion:180 Resp: 325066

Ion Ratio Lower Upper

180 100

182 97.2 75.4 113.2

145 32.6 26.0 39.0

