

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081224\
 Data File : VU060412.D
 Acq On : 12 Aug 2024 17:59
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 13 02:26:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 13 02:20:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	93443	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	97931	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	50452	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	24569	3.350	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.000%
7) Chloroethane-d5	1.907	69	24079	3.641	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.800%
11) 1,1-Dichloroethene-d2	2.560	65	10643	3.409	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.200%
20) 2-Butanone-d5	4.634	46	82116	52.752	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.500%
24) Chloroform-d	5.055	84	65352	4.500	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
26) 1,2-Dichloroethane-d4	5.695	65	32202	4.781	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.600%
32) Benzene-d6	5.721	84	116398	3.941	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.800%
36) 1,2-Dichloropropane-d6	6.682	67	39946	4.360	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.200%
41) Toluene-d8	7.891	98	104288	3.955	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.200%
43) trans-1,3-Dichloroprop...	8.177	79	12411	4.191	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.800%
46) 2-Hexanone-d5	8.631	63	65220	49.623	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.240%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	34097	4.536	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	41747	4.492	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	24610	4.882	ug/L	98
3) Chloromethane	1.518	50	29243	4.664	ug/L	99
5) Vinyl chloride	1.599	62	34381	4.683	ug/L	98
6) Bromomethane	1.853	94	23718	4.563	ug/L	95
8) Chloroethane	1.930	64	23560	4.732	ug/L	99
9) Trichlorofluoromethane	2.133	101	56235	5.464	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	33359	4.919	ug/L	99
12) 1,1-Dichloroethene	2.573	96	28200	4.577	ug/L	87
13) Acetone	2.650	43	61046	57.429	ug/L	97
14) Carbon disulfide	2.785	76	66306	4.266	ug/L	99
15) Methyl Acetate	2.956	43	12020	5.458	ug/L	97
16) Methylene chloride	3.039	84	60199	6.873	ug/L	98
17) Methyl tert-butyl Ether	3.361	73	73181	5.038	ug/L	97
18) trans-1,2-Dichloroethene	3.348	96	28418	4.702	ug/L	95
19) 1,1-Dichloroethane	3.859	63	64542	5.172	ug/L	99
21) 2-Butanone	4.714	43	86615	54.670	ug/L	98
22) cis-1,2-Dichloroethene	4.657	96	35287	4.836	ug/L	95
23) Bromochloromethane	4.972	128	16884	5.014	ug/L	96
25) Chloroform	5.081	83	70183	5.170	ug/L	96

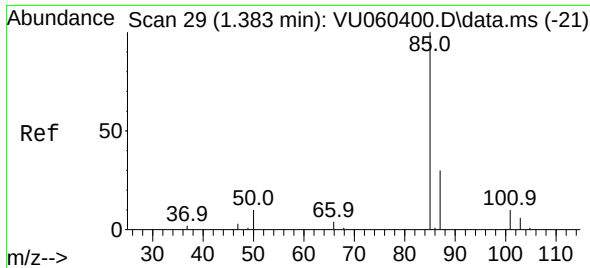
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081224\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	39879	5.523	ug/L	95
29) 1,1,1-Trichloroethane	5.306	97	56205	5.243	ug/L	98
30) Cyclohexane	5.380	56	39108	4.506	ug/L	98
31) Carbon tetrachloride	5.515	117	50039	5.326	ug/L	100
33) Benzene	5.766	78	140510	4.984	ug/L	100
34) Trichloroethene	6.537	95	36290	4.917	ug/L	97
35) Methylcyclohexane	6.756	83	43989	4.565	ug/L	99
37) 1,2-Dichloropropane	6.785	63	40403	5.265	ug/L #	97
38) Bromodichloromethane	7.097	83	49252	5.193	ug/L	90
39) cis-1,3-Dichloropropene	7.602	75	50610	4.856	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	196049	54.732	ug/L	96
42) Toluene	7.962	91	153751	5.161	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	44079	5.119	ug/L	94
45) 1,1,2-Trichloroethane	8.393	97	29958	5.098	ug/L	96
47) Tetrachloroethene	8.547	164	27364	4.740	ug/L	98
48) 2-Hexanone	8.679	43	154710	56.974	ug/L	98
49) Dibromochloromethane	8.801	129	33071	5.292	ug/L	99
50) 1,2-Dibromoethane	8.917	107	25771	4.926	ug/L	98
51) Chlorobenzene	9.441	112	98708	4.911	ug/L	98
52) Ethylbenzene	9.563	91	152760	4.867	ug/L	100
53) m,p-Xylene	9.688	106	60593	5.079	ug/L	94
54) o-Xylene	10.094	106	57920	5.074	ug/L	96
55) Styrene	10.110	104	101144	5.121	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.775	83	36752	5.029	ug/L	97
59) Bromoform	10.283	173	19984	5.216	ug/L	96
60) Isopropylbenzene	10.479	105	155851	5.116	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	25443	5.209	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	121397	5.176	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	116263	5.030	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	78070	5.029	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	78047	4.987	ug/L	96
67) 1,2-Dichlorobenzene	12.206	146	73223	4.995	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.991	75	5334	5.825	ug/L	93
69) 1,3,5-Trichlorobenzene	13.212	180	55791	4.755	ug/L	100
70) 1,2,4-trichlorobenzene	13.833	180	40892	4.439	ug/L	97
71) Naphthalene	14.084	128	57205	4.368	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	37257	4.515	ug/L	98

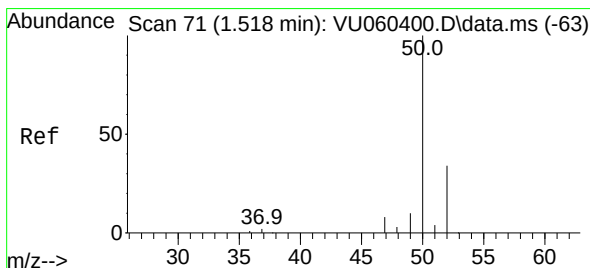
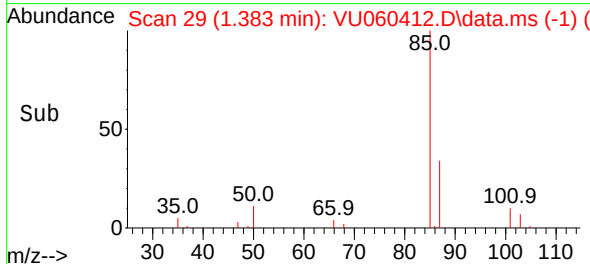
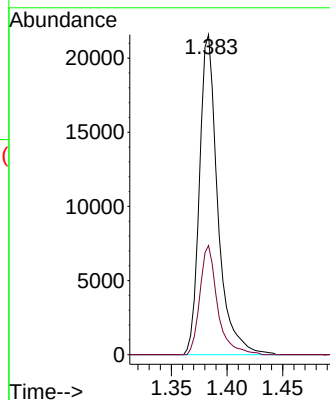
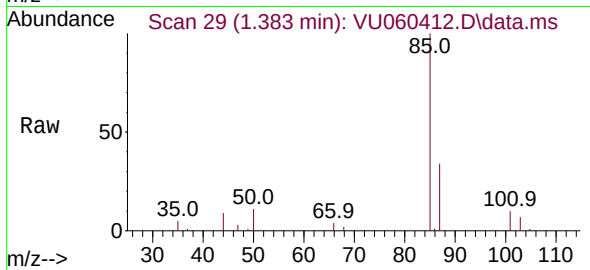
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#2
 Dichlorodifluoromethane
 Concen: 4.882 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: VU060412.D
 Acq: 12 Aug 2024 17:59

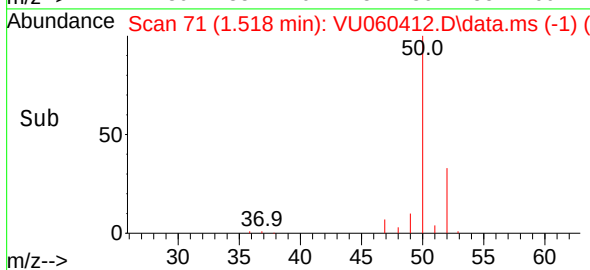
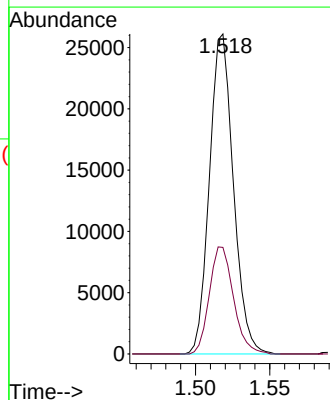
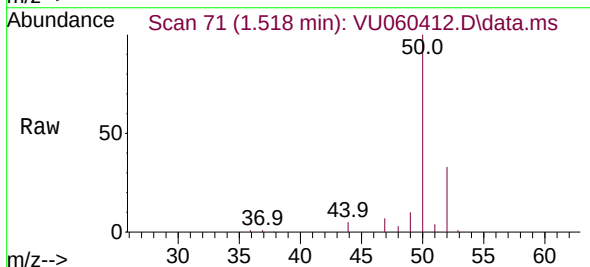
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 MSVOA_U
 ClientSampleId :

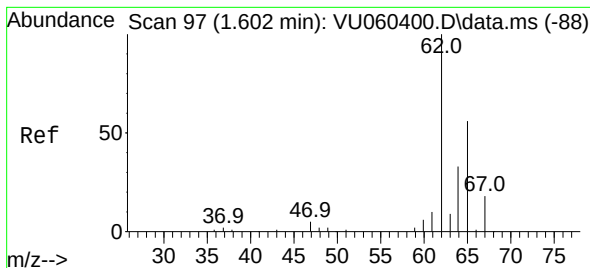
Tgt Ion: 85 Resp: 24610
 Ion Ratio Lower Upper
 85 100
 87 33.0 25.7 38.5



#3
 Chloromethane
 Concen: 4.664 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VU060412.D
 Acq: 12 Aug 2024 17:59

Tgt Ion: 50 Resp: 29243
 Ion Ratio Lower Upper
 50 100
 52 33.3 22.8 42.4





#5

Vinyl chloride

Concen: 4.683 ug/L

RT: 1.599 min Scan# 9

Delta R.T. -0.003 min

Lab File: VU060412.D

Acq: 12 Aug 2024 17:59

Instrument :

MSVOA_U

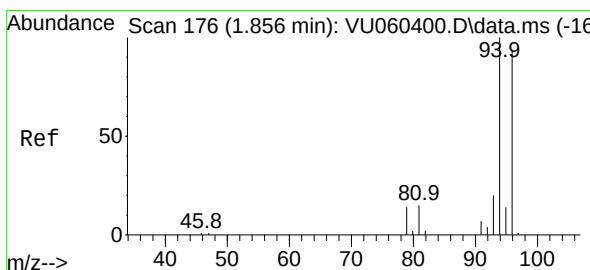
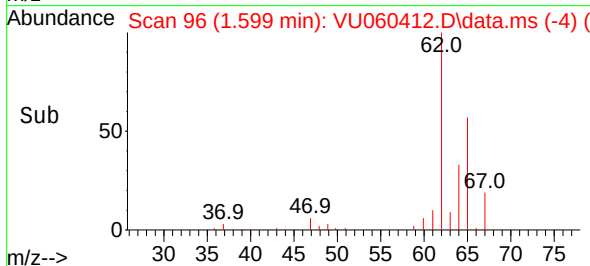
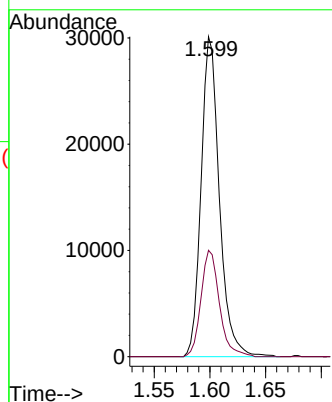
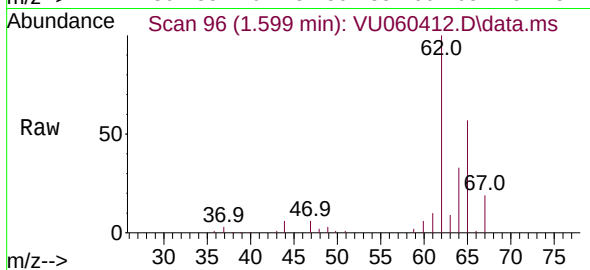
ClientSampleId :

Tgt Ion: 62 Resp: 34381

Ion Ratio Lower Upper

62 100

64 33.3 24.1 44.7



#6

Bromomethane

Concen: 4.563 ug/L

RT: 1.853 min Scan# 175

Delta R.T. -0.003 min

Lab File: VU060412.D

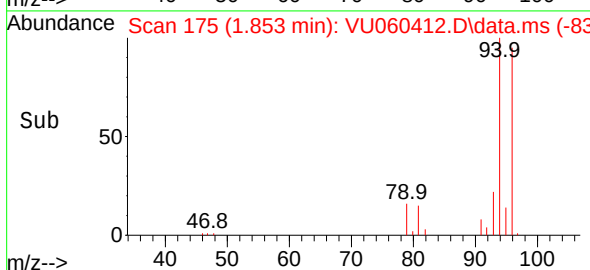
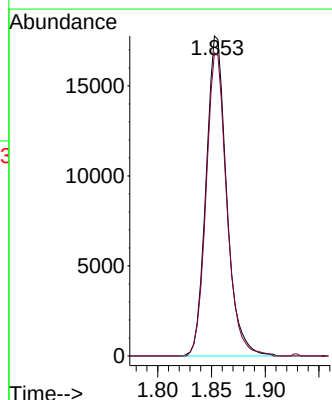
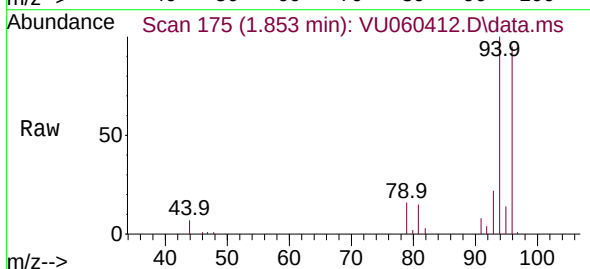
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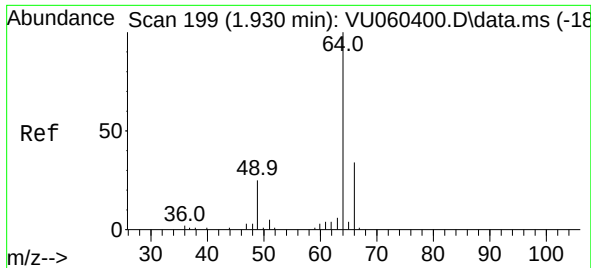
Tgt Ion: 94 Resp: 23718

Ion Ratio Lower Upper

94 100

96 94.7 63.2 117.4

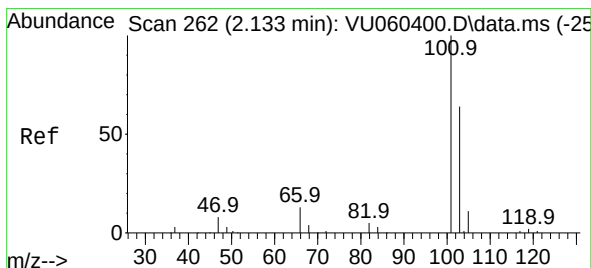
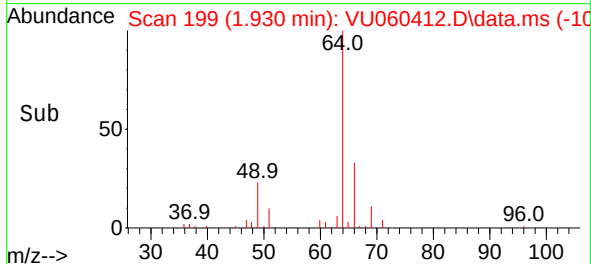
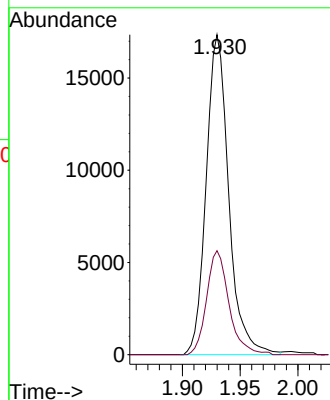
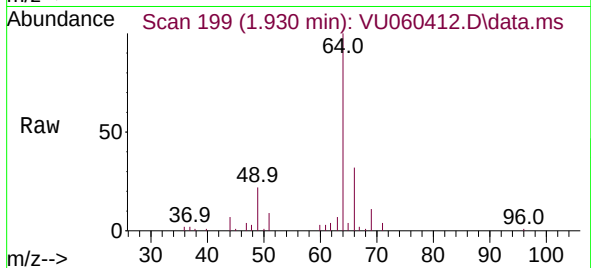




#8
Chloroethane
Concen: 4.732 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU060412.D
Acq: 12 Aug 2024 17:59

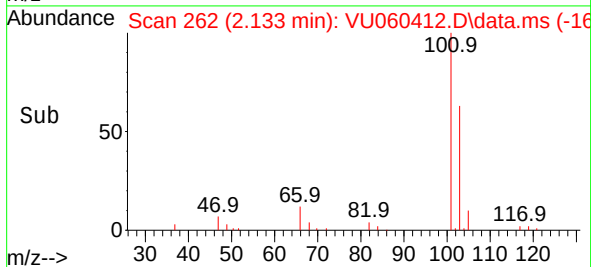
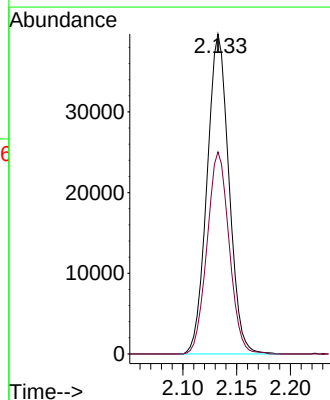
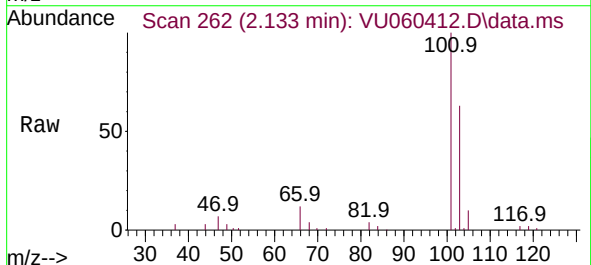
Instrument :
MSVOA_U
ClientSampleId :

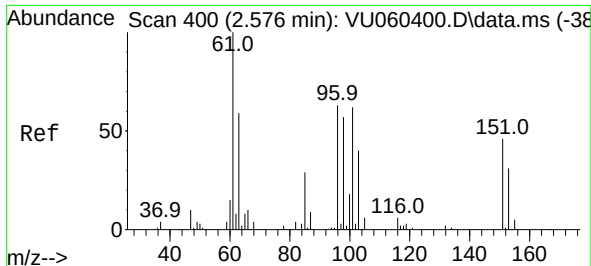
Tgt Ion: 64 Resp: 23560
Ion Ratio Lower Upper
64 100
66 32.5 22.2 41.2



#9
Trichlorofluoromethane
Concen: 5.464 ug/L
RT: 2.133 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU060412.D
Acq: 12 Aug 2024 17:59

Tgt Ion:101 Resp: 56235
Ion Ratio Lower Upper
101 100
103 63.5 51.7 77.5

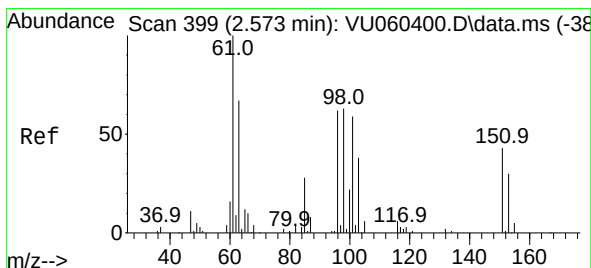
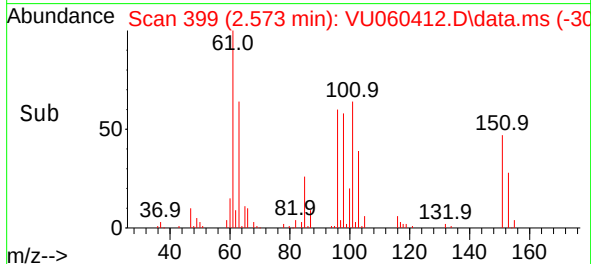
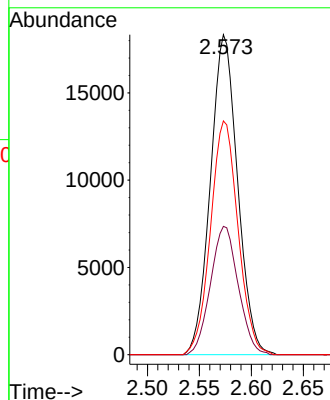
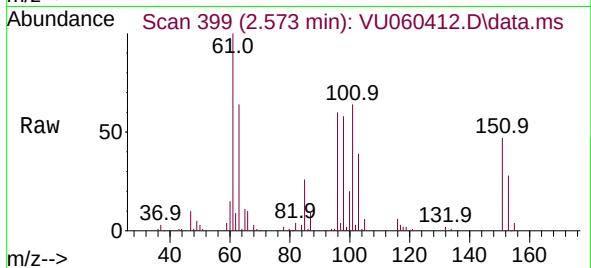




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.919 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU060412.D
Acq: 12 Aug 2024 17:59

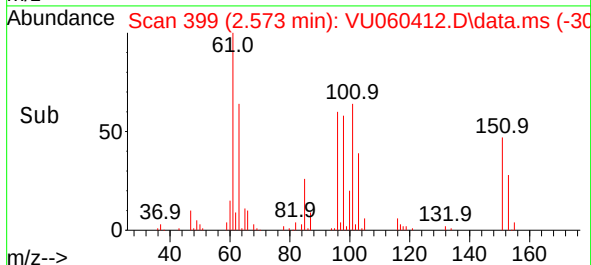
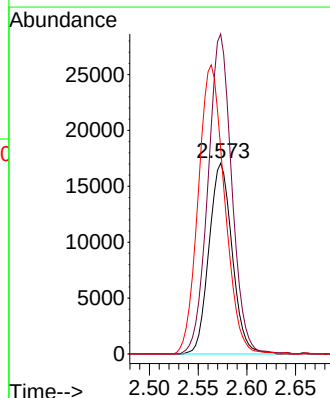
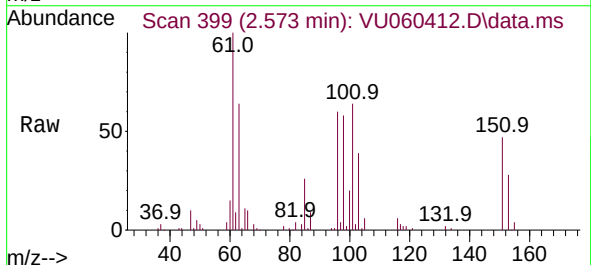
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ClientSampleId :

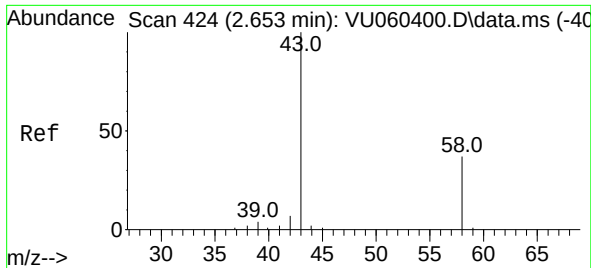
Tgt Ion:101 Resp: 33359
Ion Ratio Lower Upper
101 100
85 40.9 33.5 50.3
151 73.9 59.7 89.5



#12
1,1-Dichloroethene
Concen: 4.577 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU060412.D
Acq: 12 Aug 2024 17:59

Tgt Ion: 96 Resp: 28200
Ion Ratio Lower Upper
96 100
61 167.8 114.4 212.4
63 107.7 96.0 178.4





#13

Acetone

Concen: 57.429 ug/L

RT: 2.650 min Scan# 41

Delta R.T. -0.003 min

Lab File: VU060412.D

Acq: 12 Aug 2024 17:59

Instrument :

MSVOA_U

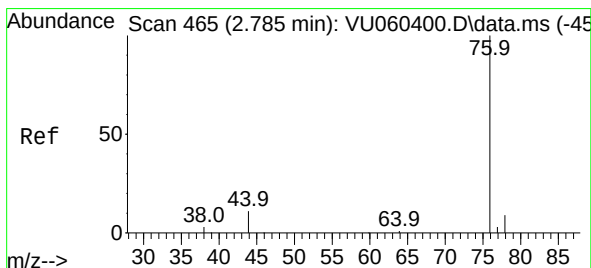
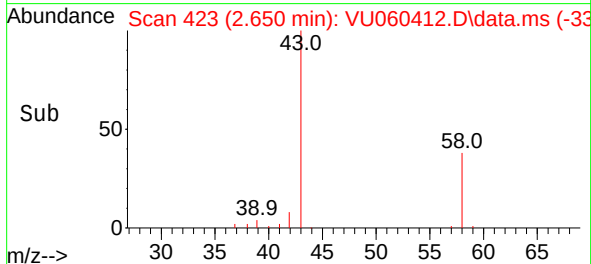
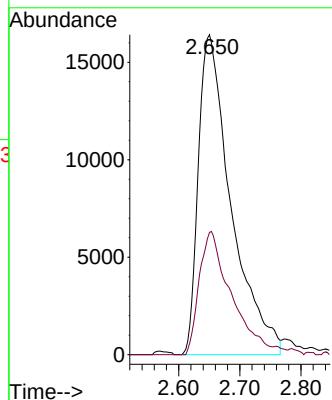
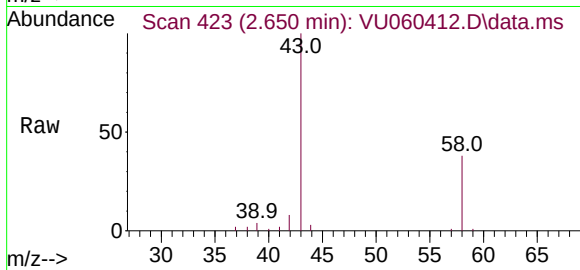
ClientSampleId :

Tgt Ion: 43 Resp: 61046

Ion Ratio Lower Upper

43 100

58 37.5 0.0 78.8



#14

Carbon disulfide

Concen: 4.266 ug/L

RT: 2.785 min Scan# 465

Delta R.T. 0.000 min

Lab File: VU060412.D

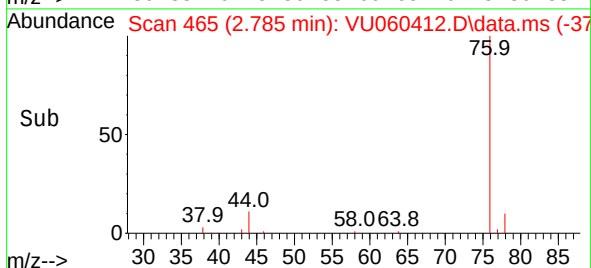
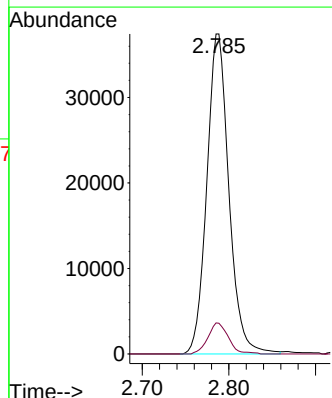
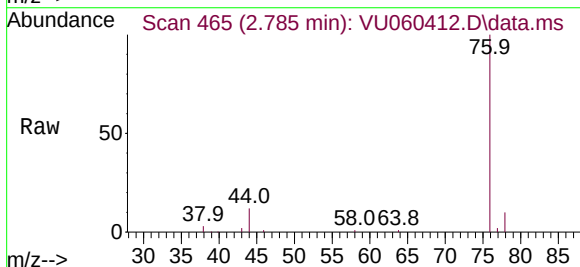
Acq: 12 Aug 2024 17:59

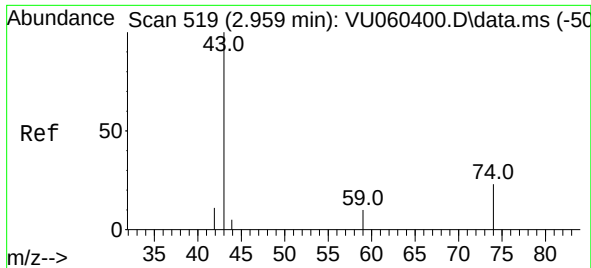
Tgt Ion: 76 Resp: 66306

Ion Ratio Lower Upper

76 100

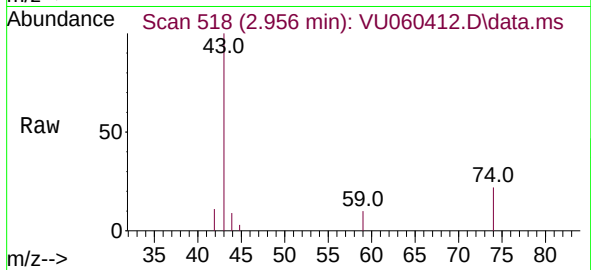
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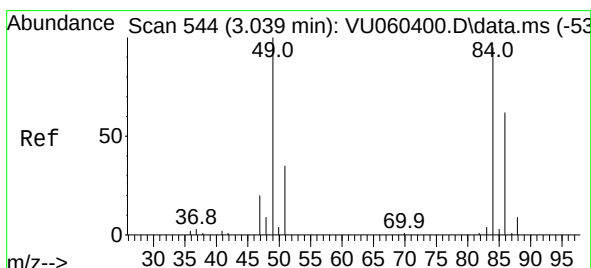
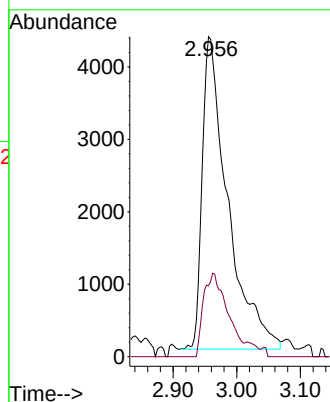
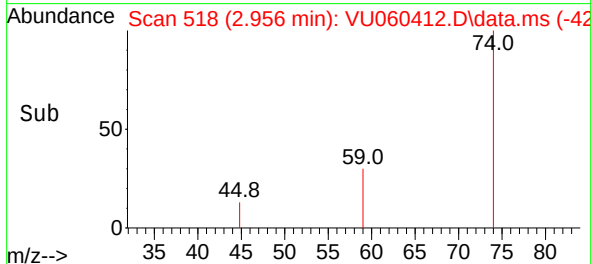


#15
Methyl Acetate
Concen: 5.458 ug/L
RT: 2.956 min Scan# 519
Delta R.T. -0.003 min
Lab File: VU060412.D
Acq: 12 Aug 2024 17:59

Instrument :
MSVOA_U
ClientSampleId :

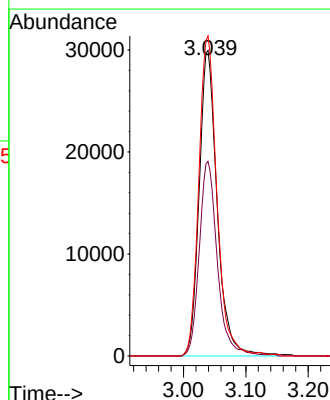
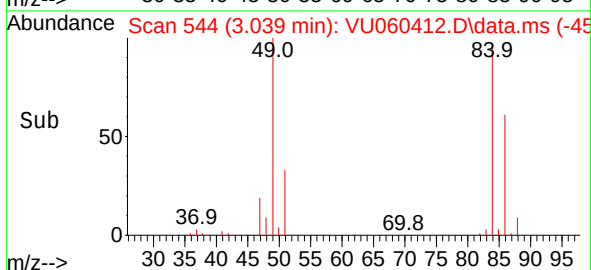
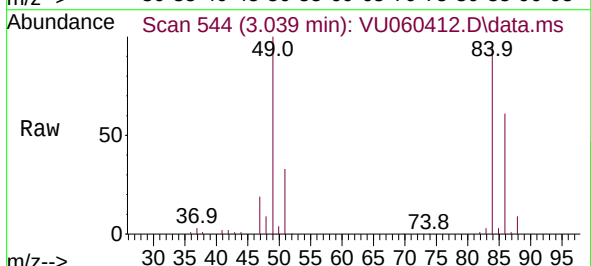


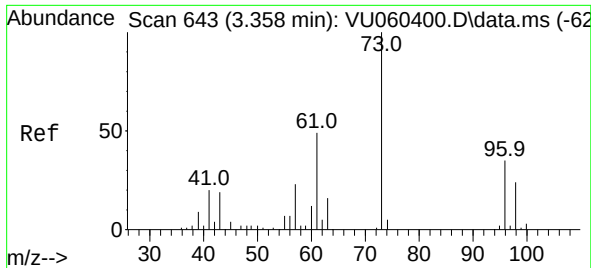
Tgt Ion: 43 Resp: 12020
Ion Ratio Lower Upper
43 100
74 25.2 21.3 31.9



#16
Methylene chloride
Concen: 6.873 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU060412.D
Acq: 12 Aug 2024 17:59

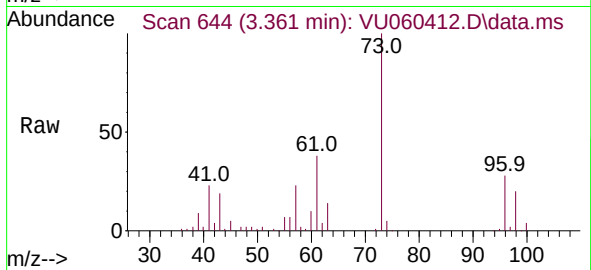
Tgt Ion: 84 Resp: 60199
Ion Ratio Lower Upper
84 100
86 63.7 47.1 87.5
49 104.8 73.9 137.3



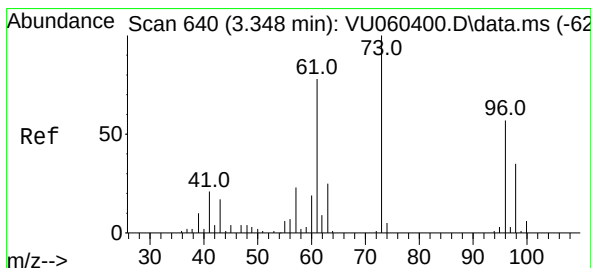
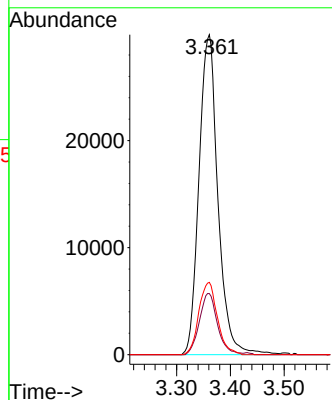
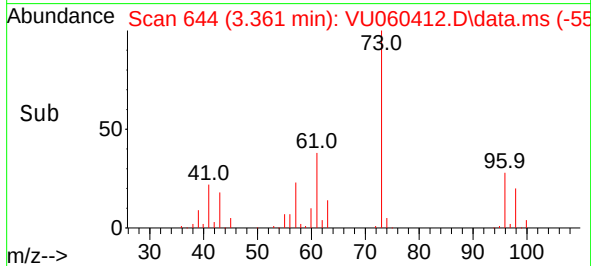


#17
Methyl tert-butyl Ether
Concen: 5.038 ug/L
RT: 3.361 min Scan# 644
Delta R.T. 0.003 min
Lab File: VU060412.D
Acq: 12 Aug 2024 17:59

Instrument :
MSVOA_U
ClientSampleId :

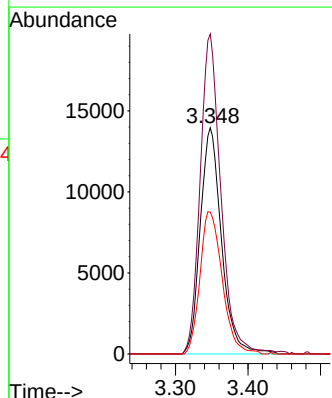
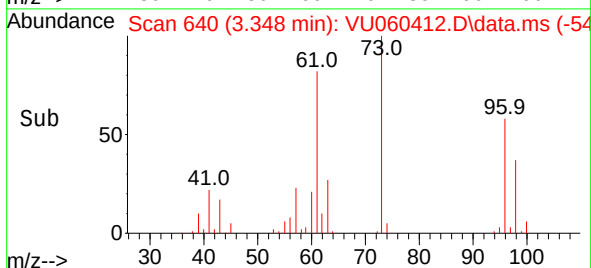
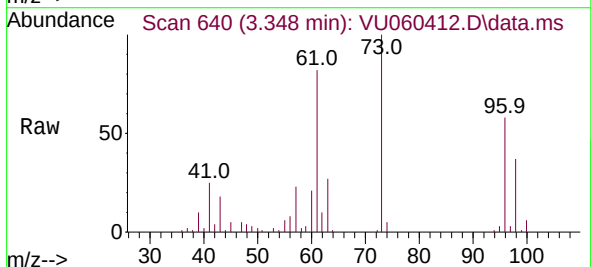


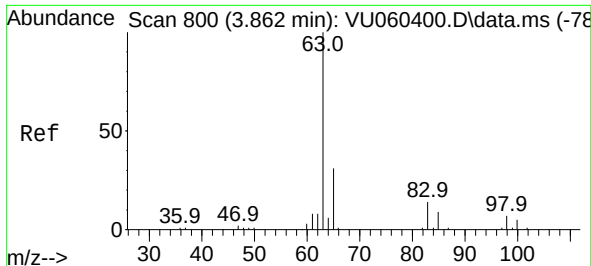
Tgt Ion: 73 Resp: 73181
Ion Ratio Lower Upper
73 100
43 18.2 12.8 19.2
57 22.1 17.5 26.3



#18
trans-1,2-Dichloroethene
Concen: 4.702 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU060412.D
Acq: 12 Aug 2024 17:59

Tgt Ion: 96 Resp: 28418
Ion Ratio Lower Upper
96 100
61 141.4 93.7 174.1
98 62.7 44.7 82.9

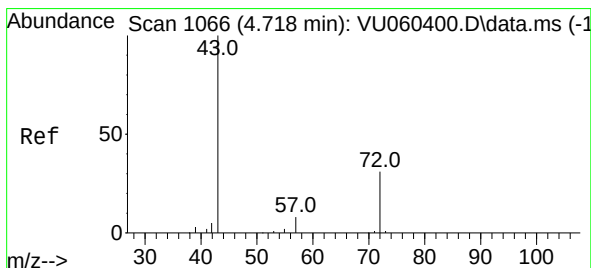
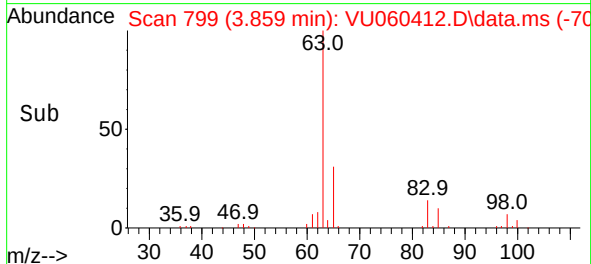
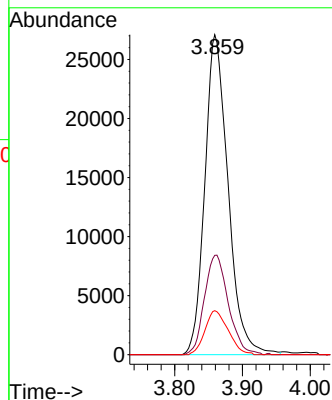
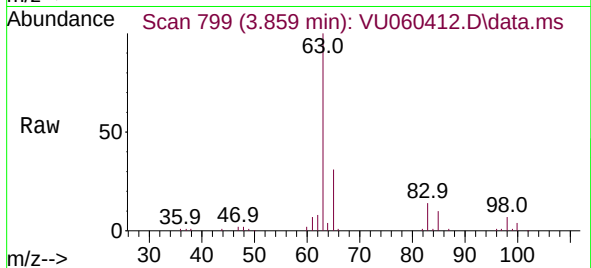




#19
1,1-Dichloroethane
Concen: 5.172 ug/L
RT: 3.859 min Scan# 70
Delta R.T. -0.003 min
Lab File: VU060412.D
Acq: 12 Aug 2024 17:59

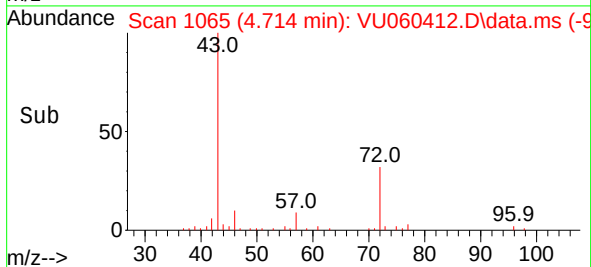
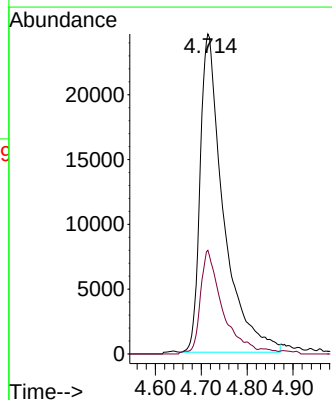
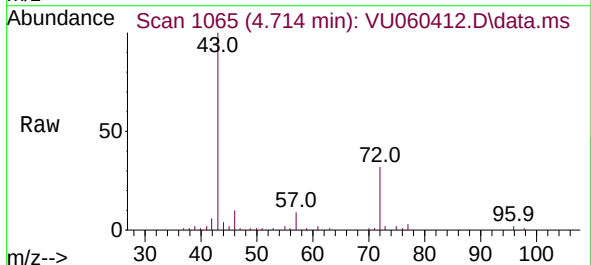
Instrument :
MSVOA_U
ClientSampleId :

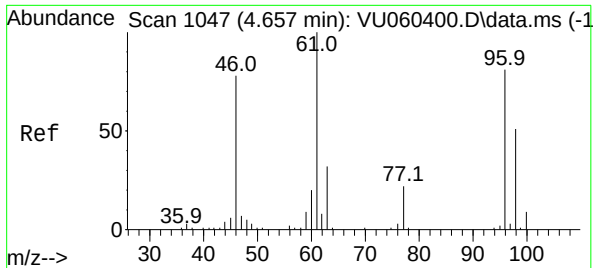
Tgt Ion: 63 Resp: 64542
Ion Ratio Lower Upper
63 100
65 31.0 22.2 41.2
83 13.8 9.1 16.9



#21
2-Butanone
Concen: 54.670 ug/L
RT: 4.714 min Scan# 1065
Delta R.T. -0.003 min
Lab File: VU060412.D
Acq: 12 Aug 2024 17:59

Tgt Ion: 43 Resp: 86615
Ion Ratio Lower Upper
43 100
72 30.5 15.9 47.6

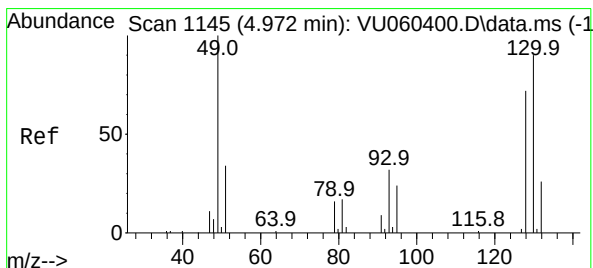
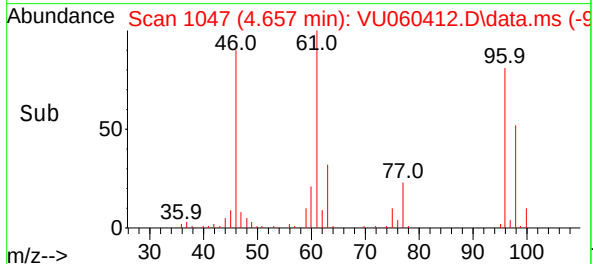
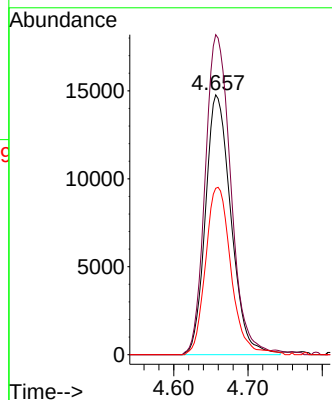
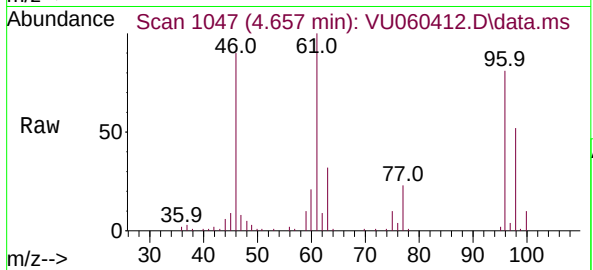




#22
 cis-1,2-Dichloroethene
 Concen: 4.836 ug/L
 RT: 4.657 min Scan# 1047
 Delta R.T. 0.000 min
 Lab File: VU060412.D
 Acq: 12 Aug 2024 17:59

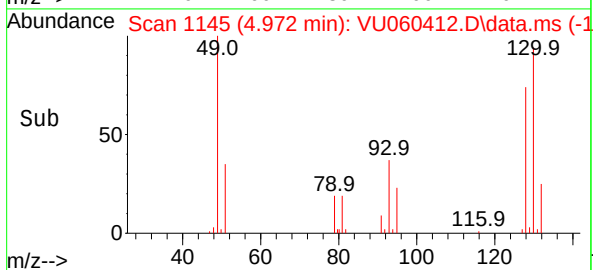
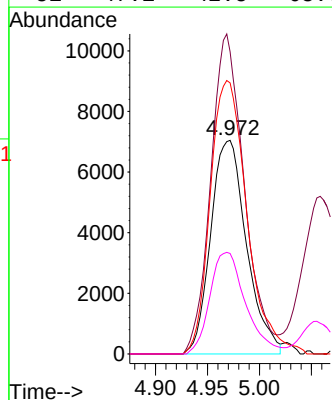
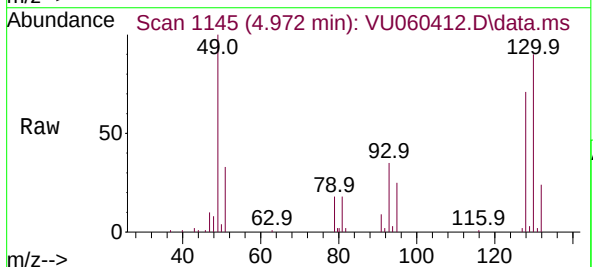
Instrument :
 MSVOA_U
 ClientSampleId :

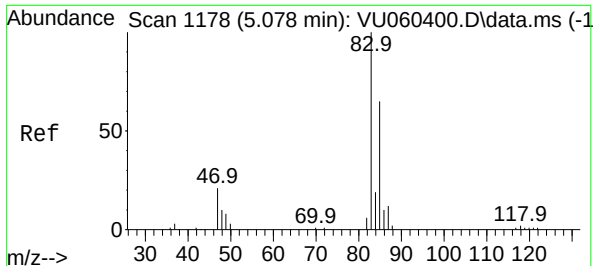
Tgt Ion: 96 Resp: 35287
 Ion Ratio Lower Upper
 96 100
 61 123.2 81.5 151.5
 98 64.0 43.5 80.7



#23
 Bromochloromethane
 Concen: 5.014 ug/L
 RT: 4.972 min Scan# 1145
 Delta R.T. 0.000 min
 Lab File: VU060412.D
 Acq: 12 Aug 2024 17:59

Tgt Ion: 128 Resp: 16884
 Ion Ratio Lower Upper
 128 100
 49 141.4 101.0 187.6
 130 126.8 92.7 172.1
 51 47.1 42.5 63.7





#25

Chloroform

Concen: 5.170 ug/L

RT: 5.081 min Scan# 1178

Delta R.T. 0.003 min

Lab File: VU060412.D

Acq: 12 Aug 2024 17:59

Instrument :

MSVOA_U

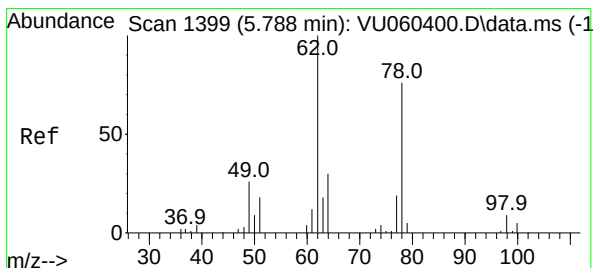
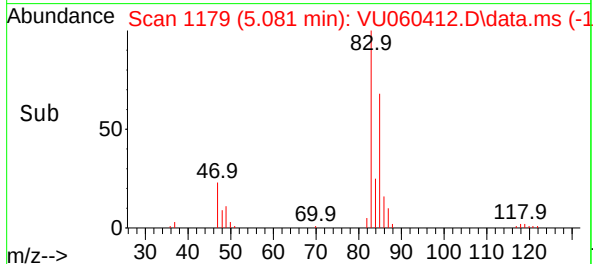
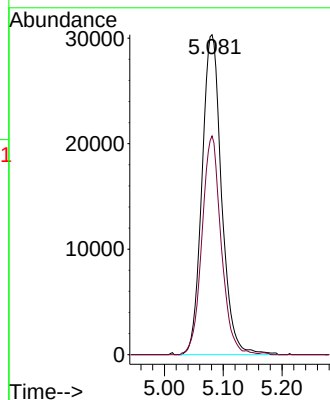
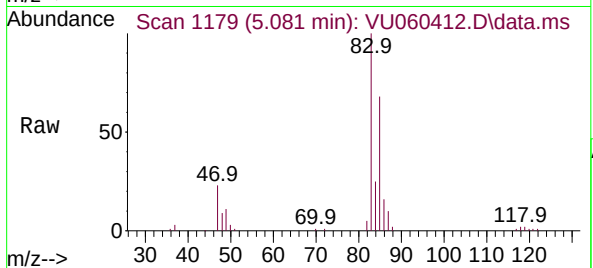
ClientSampleId :

Tgt Ion: 83 Resp: 70183

Ion Ratio Lower Upper

83 100

85 68.4 45.6 84.6



#27

1,2-Dichloroethane

Concen: 5.523 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. 0.000 min

Lab File: VU060412.D

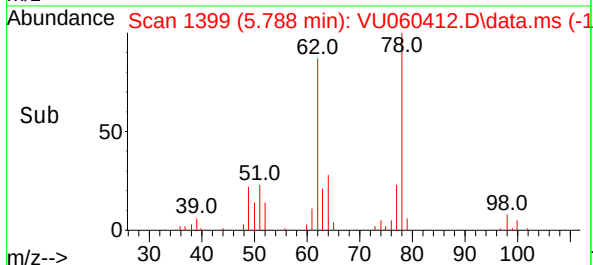
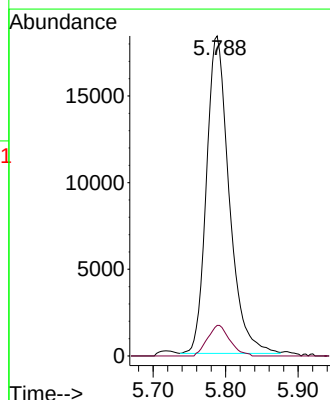
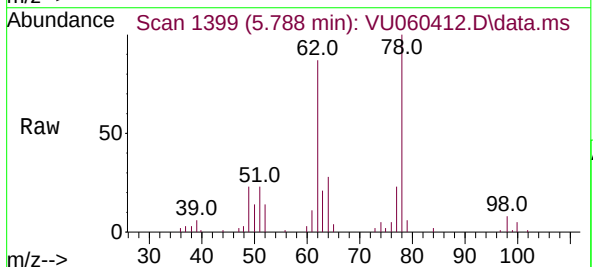
Acq: 12 Aug 2024 17:59

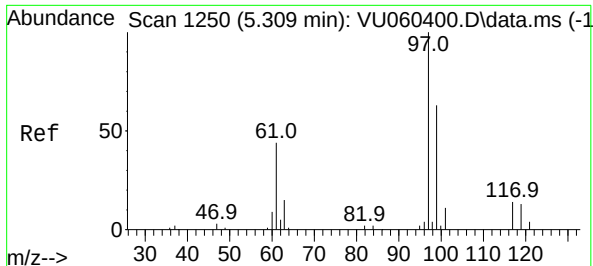
Tgt Ion: 62 Resp: 39879

Ion Ratio Lower Upper

62 100

98 9.6 9.0 13.6

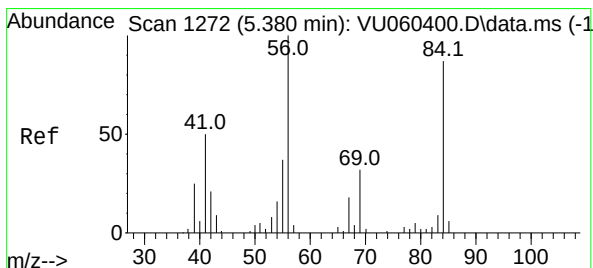
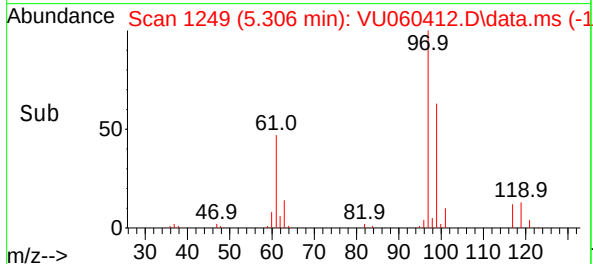
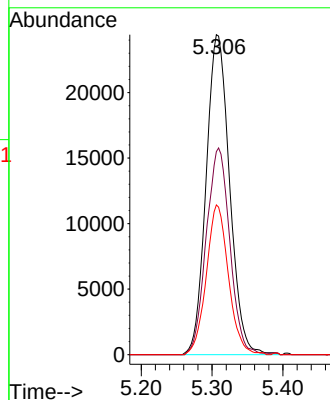
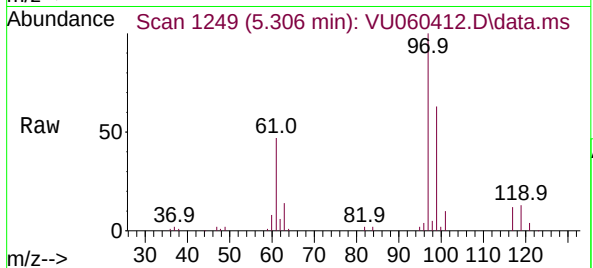




#29
1,1,1-Trichloroethane
Concen: 5.243 ug/L
RT: 5.306 min Scan# 1250
Delta R.T. -0.003 min
Lab File: VU060412.D
Acq: 12 Aug 2024 17:59

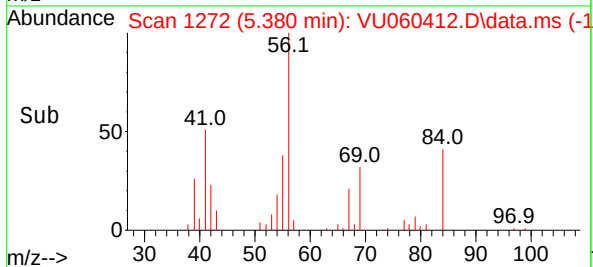
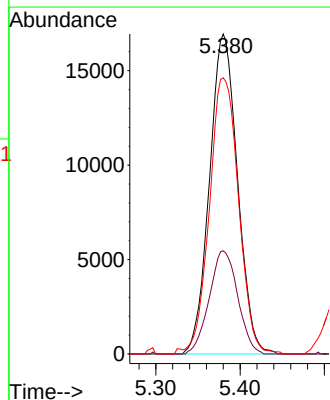
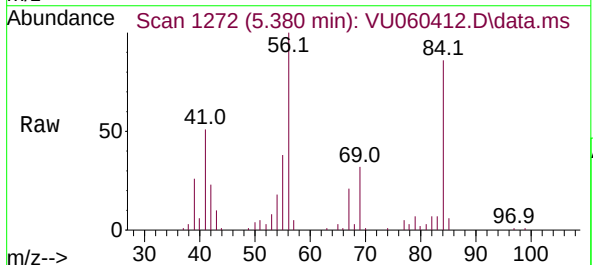
Instrument :
MSVOA_U
ClientSampleId :

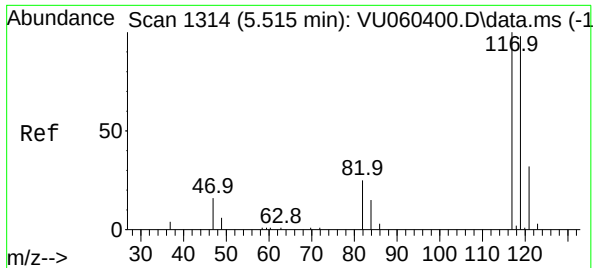
Tgt Ion: 97 Resp: 56205
Ion Ratio Lower Upper
97 100
99 64.9 51.4 77.2
61 44.2 33.0 49.6



#30
Cyclohexane
Concen: 4.506 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VU060412.D
Acq: 12 Aug 2024 17:59

Tgt Ion: 56 Resp: 39108
Ion Ratio Lower Upper
56 100
69 32.7 24.7 37.1
84 89.9 70.7 106.1

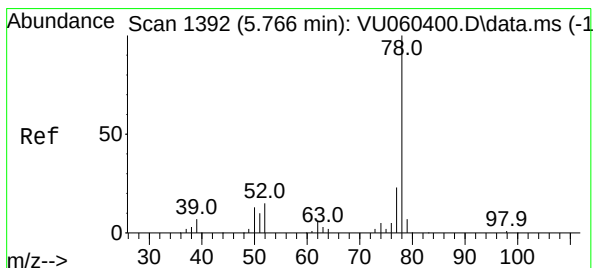
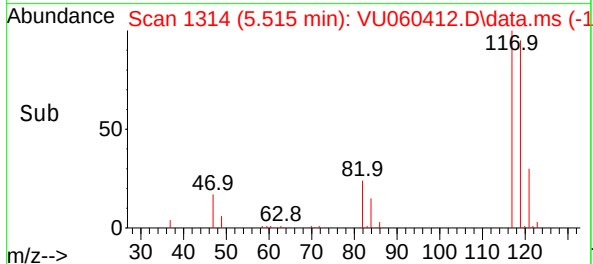
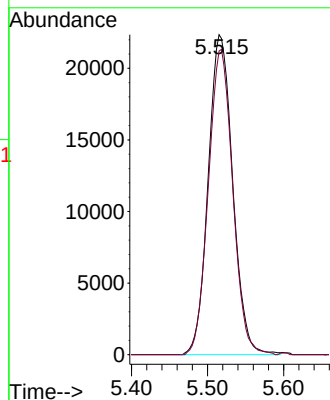
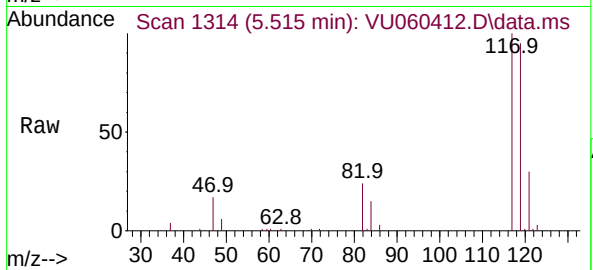




#31
Carbon tetrachloride
Concen: 5.326 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VU060412.D
Acq: 12 Aug 2024 17:59

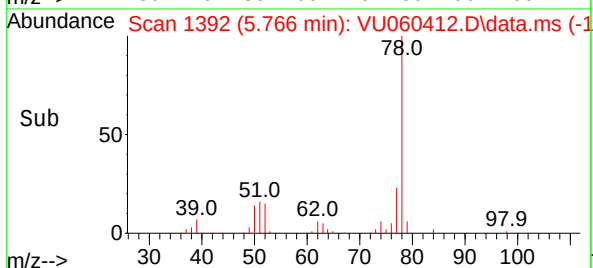
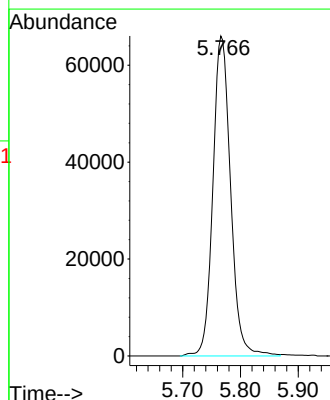
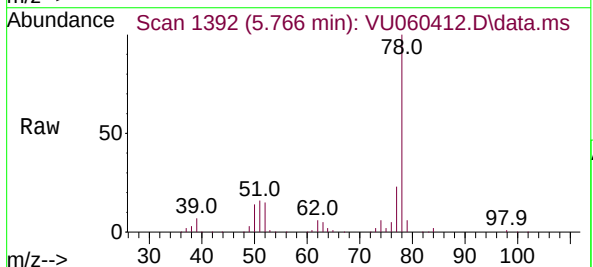
Instrument :
MSVOA_U
ClientSampleId :

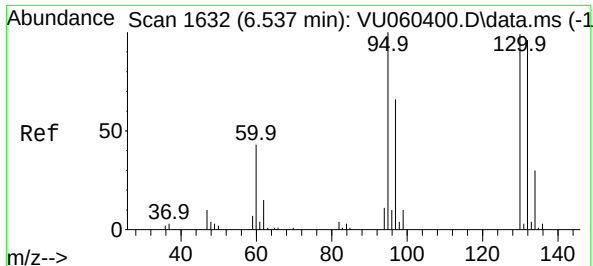
Tgt Ion:117 Resp: 50039
Ion Ratio Lower Upper
117 100
119 94.7 75.8 113.8



#33
Benzene
Concen: 4.984 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU060412.D
Acq: 12 Aug 2024 17:59

Tgt Ion: 78 Resp: 140510

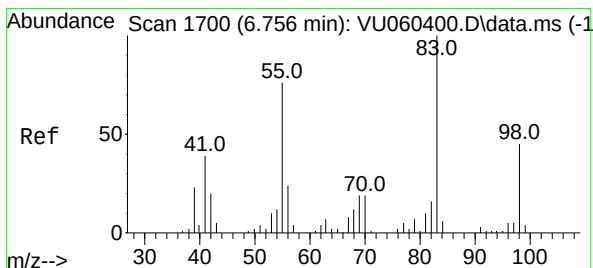
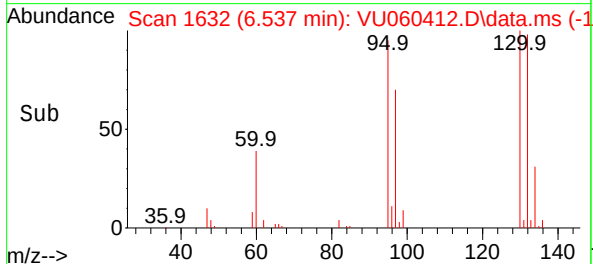
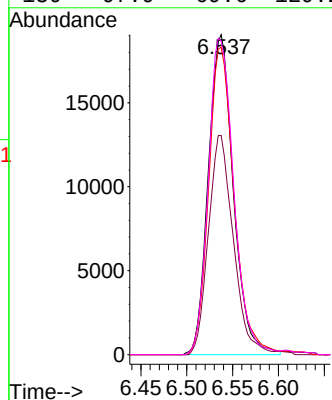
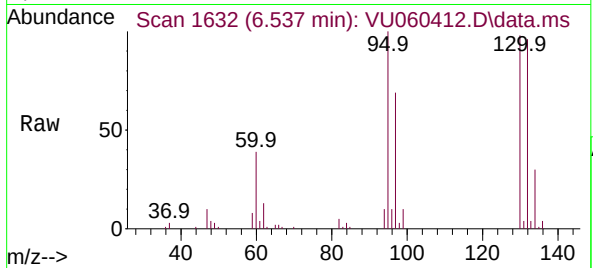




#34
Trichloroethene
Concen: 4.917 ug/L
RT: 6.537 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU060412.D
Acq: 12 Aug 2024 17:59

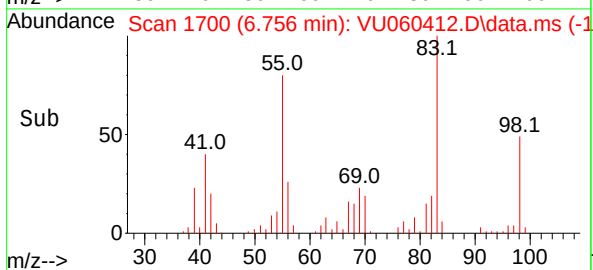
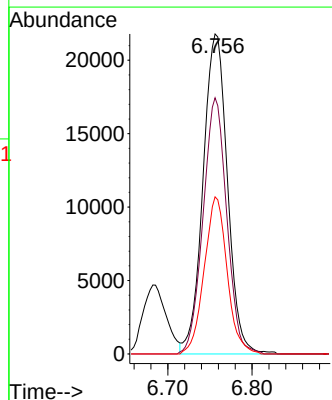
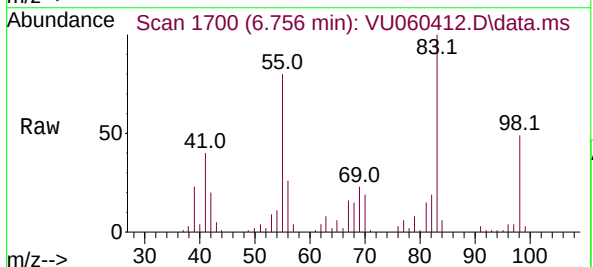
Instrument :
MSVOA_U
ClientSampleId :

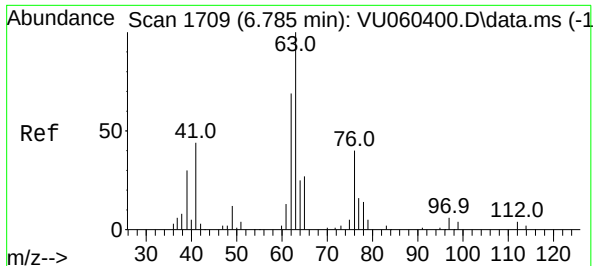
Tgt Ion: 95 Resp: 36290
Ion Ratio Lower Upper
95 100
97 68.5 43.6 81.0
132 96.1 67.1 124.5
130 97.9 69.6 129.2



#35
Methylcyclohexane
Concen: 4.565 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VU060412.D
Acq: 12 Aug 2024 17:59

Tgt Ion: 83 Resp: 43989
Ion Ratio Lower Upper
83 100
55 77.6 62.4 93.6
98 46.1 37.3 55.9

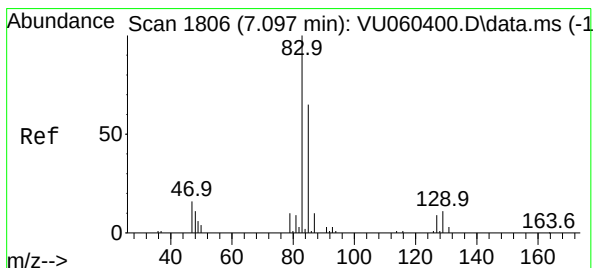
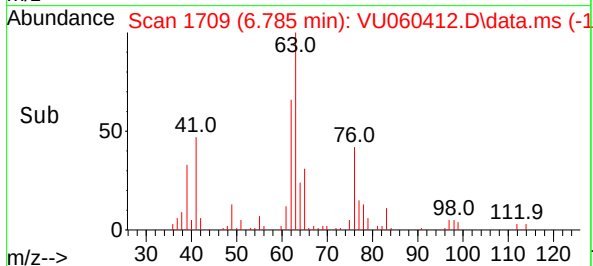
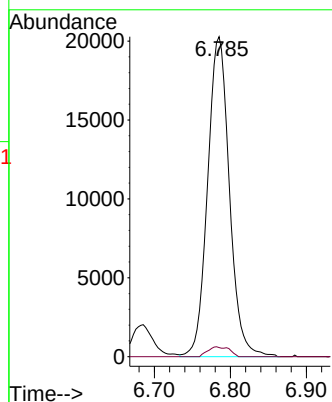
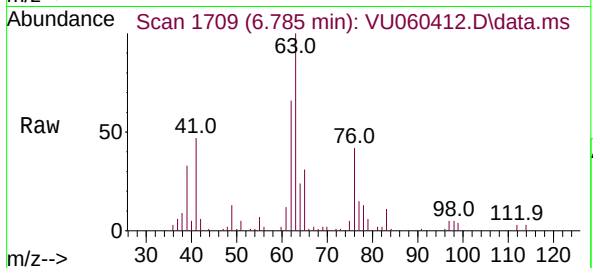




#37
1,2-Dichloropropane
Concen: 5.265 ug/L
RT: 6.785 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU060412.D
Acq: 12 Aug 2024 17:59

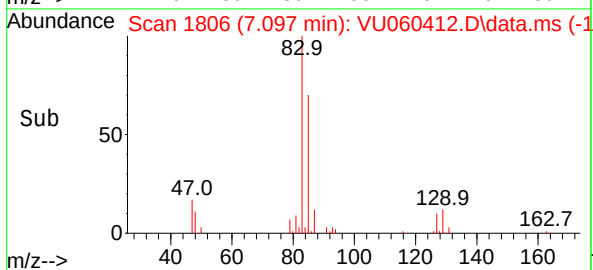
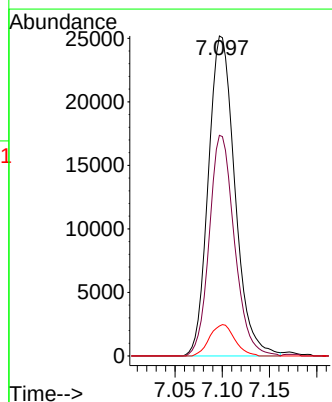
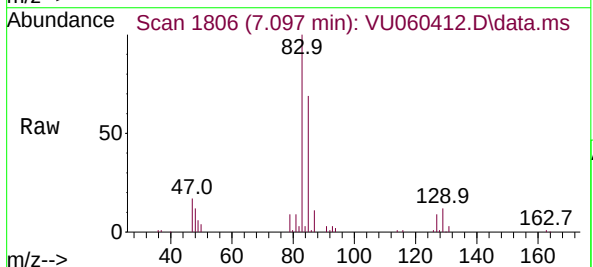
Instrument :
MSVOA_U
ClientSampleId :

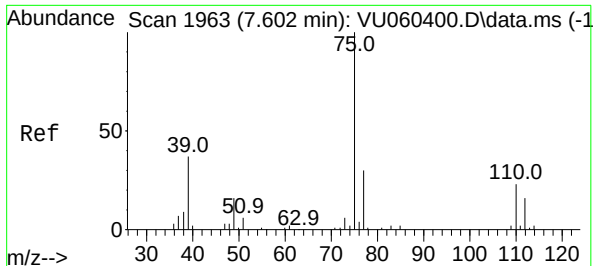
Tgt Ion: 63 Resp: 40403
Ion Ratio Lower Upper
63 100
112 3.0 3.3 4.9#



#38
Bromodichloromethane
Concen: 5.193 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU060412.D
Acq: 12 Aug 2024 17:59

Tgt Ion: 83 Resp: 49252
Ion Ratio Lower Upper
83 100
85 68.9 42.4 78.8
127 9.3 7.0 10.4

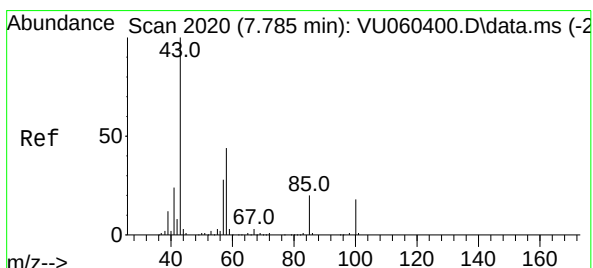
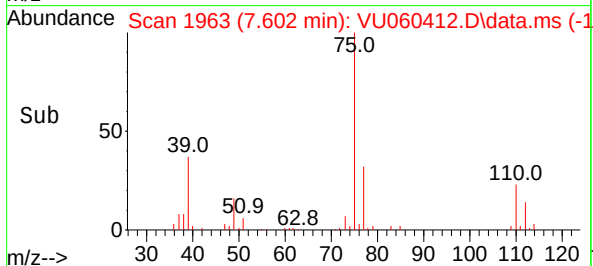
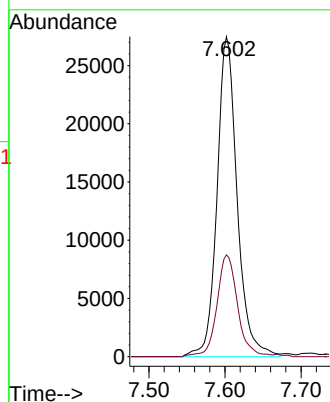
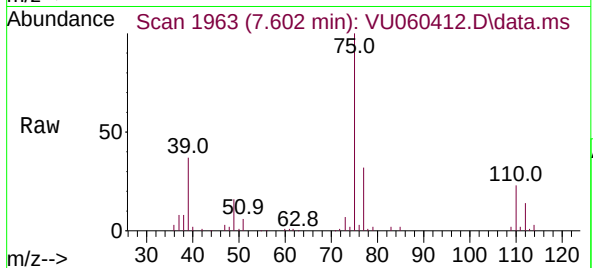




#39
 cis-1,3-Dichloropropene
 Concen: 4.856 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. 0.000 min
 Lab File: VU060412.D
 Acq: 12 Aug 2024 17:59

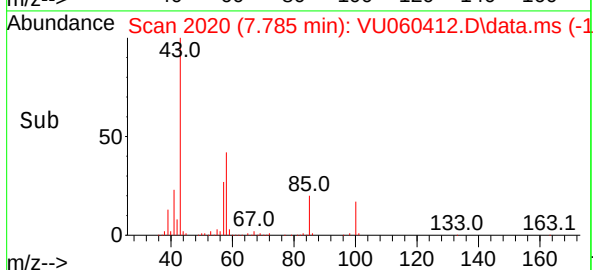
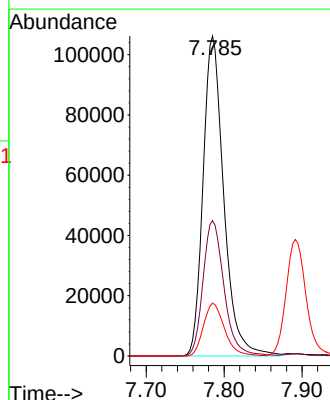
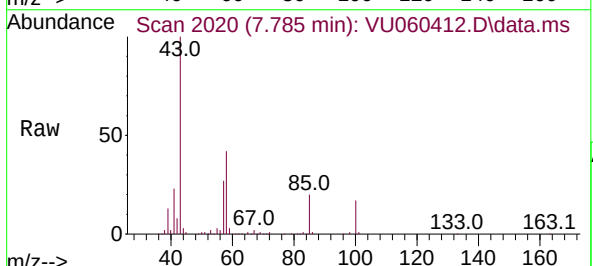
Instrument :
 MSVOA_U
 ClientSampleId :

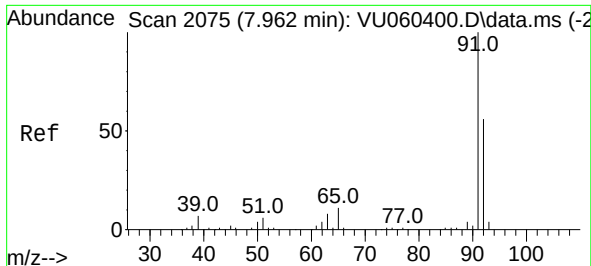
Tgt Ion: 75 Resp: 50610
 Ion Ratio Lower Upper
 75 100
 77 31.8 22.5 41.9



#40
 4-Methyl-2-pentanone
 Concen: 54.732 ug/L
 RT: 7.785 min Scan# 2020
 Delta R.T. 0.000 min
 Lab File: VU060412.D
 Acq: 12 Aug 2024 17:59

Tgt Ion: 43 Resp: 196049
 Ion Ratio Lower Upper
 43 100
 58 42.9 36.6 55.0
 100 16.8 14.1 21.1





#42

Toluene

Concen: 5.161 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU060412.D

Acq: 12 Aug 2024 17:59

Instrument :

MSVOA_U

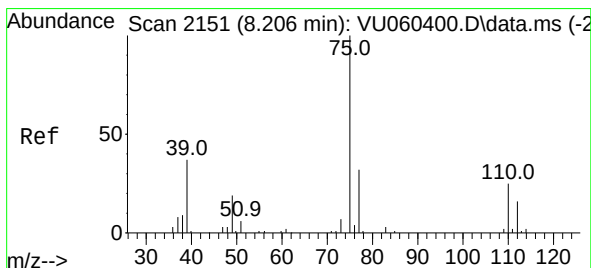
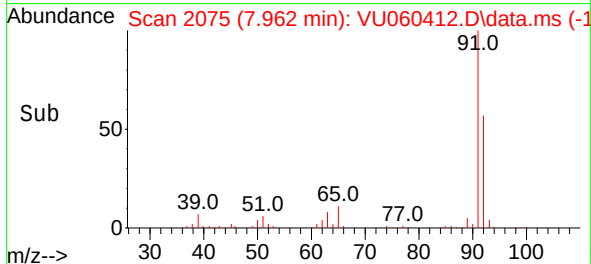
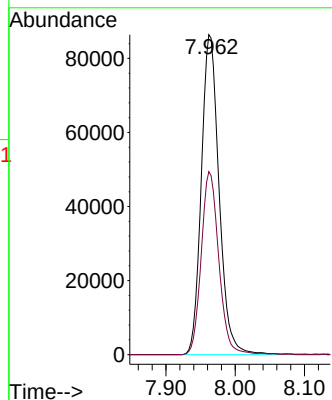
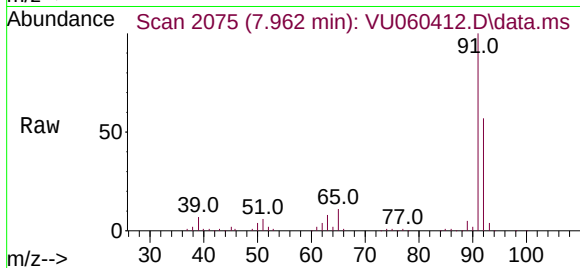
ClientSampleId :

Tgt Ion: 91 Resp: 153751

Ion Ratio Lower Upper

91 100

92 57.2 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 5.119 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.003 min

Lab File: VU060412.D

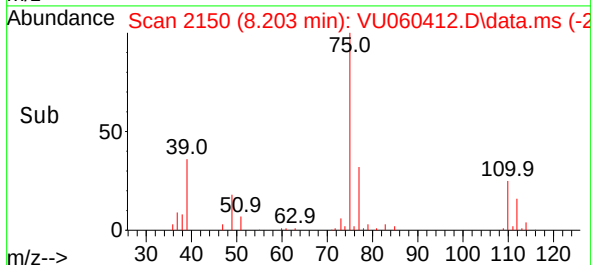
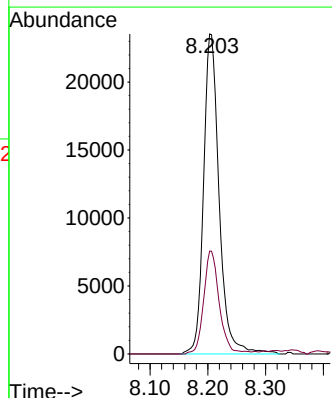
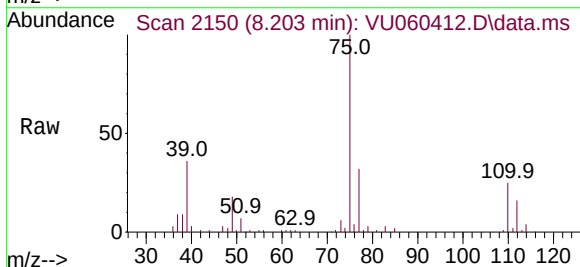
Acq: 12 Aug 2024 17:59

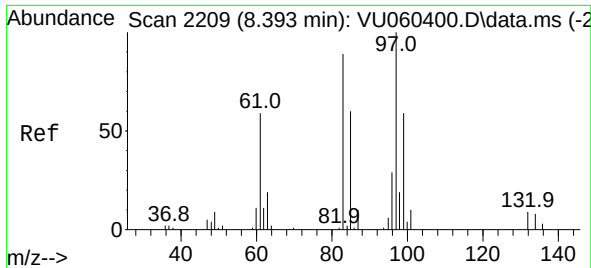
Tgt Ion: 75 Resp: 44079

Ion Ratio Lower Upper

75 100

77 32.1 25.0 46.4

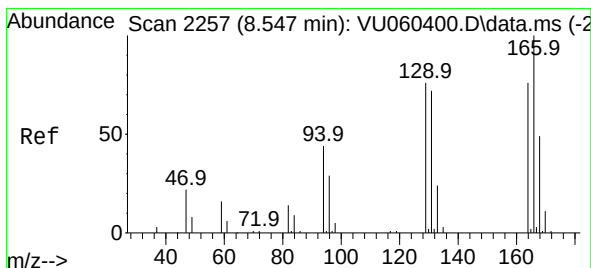
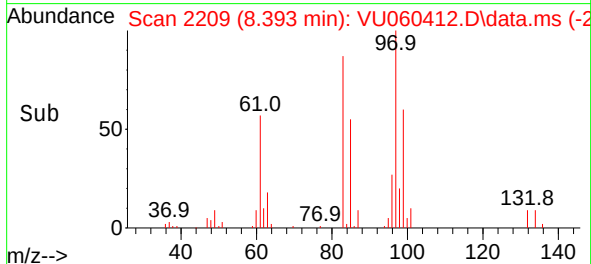
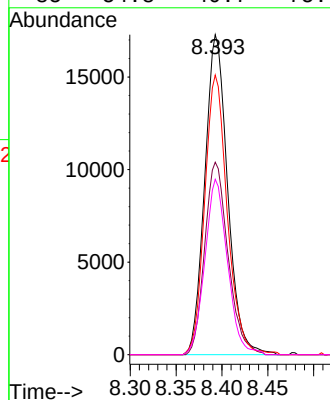
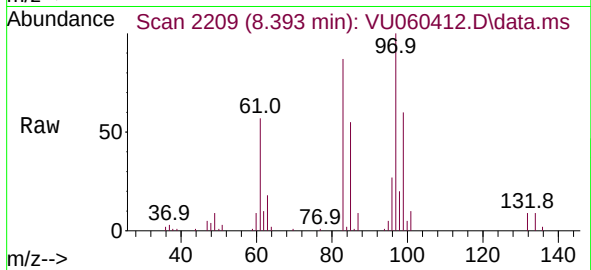




#45
1,1,2-Trichloroethane
Concen: 5.098 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VU060412.D
Acq: 12 Aug 2024 17:59

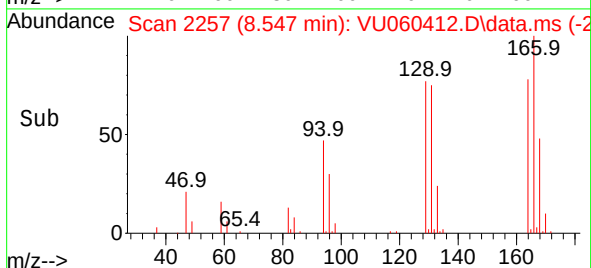
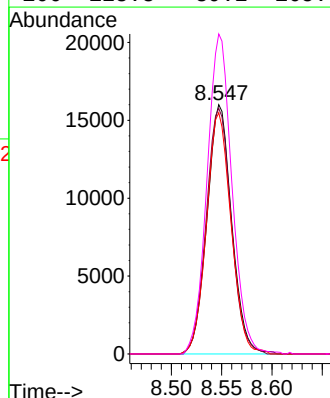
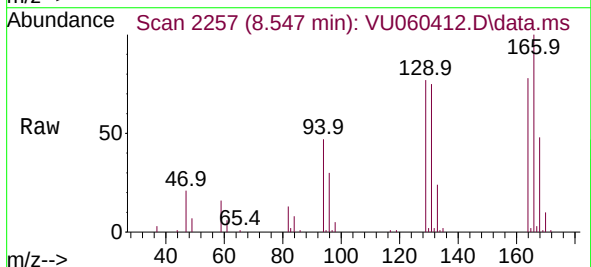
Instrument :
MSVOA_U
ClientSampleId :

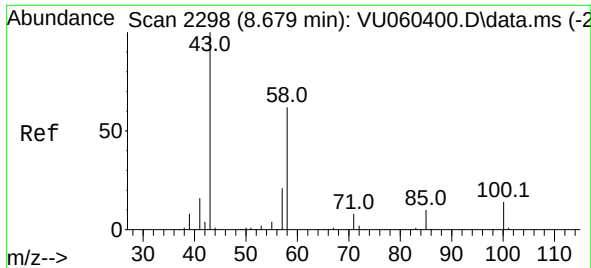
Tgt Ion:	97	Resp:	29958
Ion	Ratio	Lower	Upper
97	100		
99	60.2	45.8	85.0
83	87.4	61.7	114.5
85	54.8	40.7	75.7



#47
Tetrachloroethene
Concen: 4.740 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU060412.D
Acq: 12 Aug 2024 17:59

Tgt Ion:	164	Resp:	27364
Ion	Ratio	Lower	Upper
164	100		
129	98.5	69.0	128.1
131	96.7	62.6	116.3
166	128.3	89.2	165.8

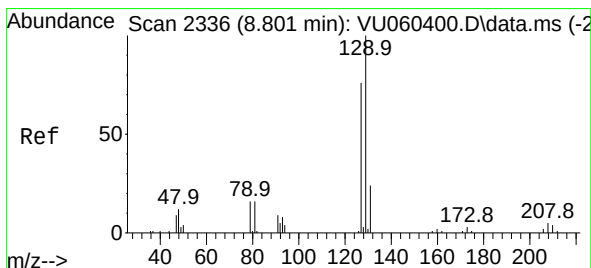
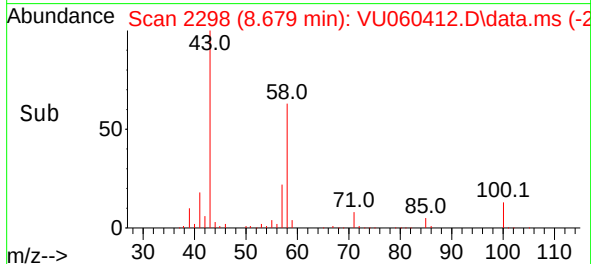
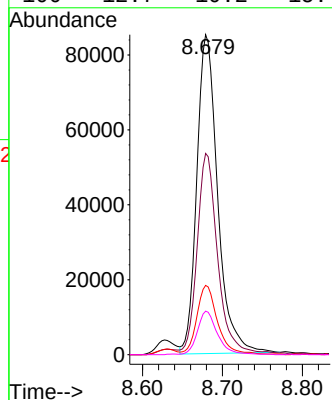
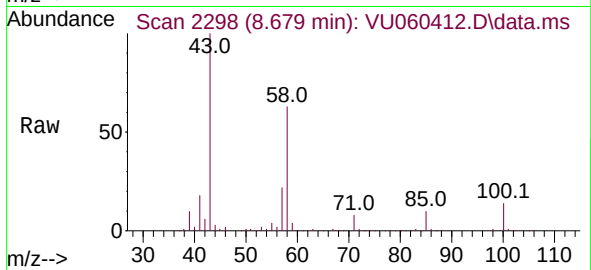




#48
2-Hexanone
Concen: 56.974 ug/L
RT: 8.679 min Scan# 2298
Delta R.T. 0.000 min
Lab File: VU060412.D
Acq: 12 Aug 2024 17:59

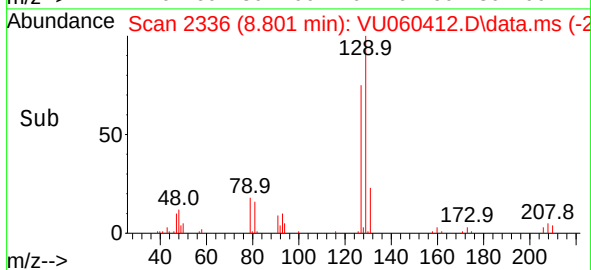
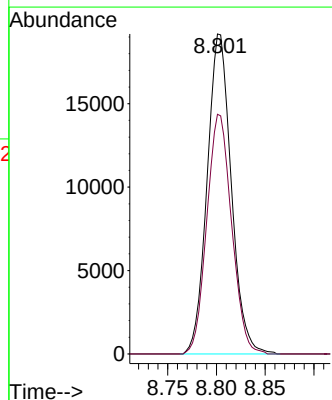
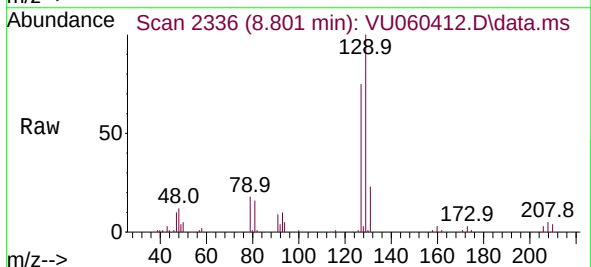
Instrument :
MSVOA_U
ClientSampleId :

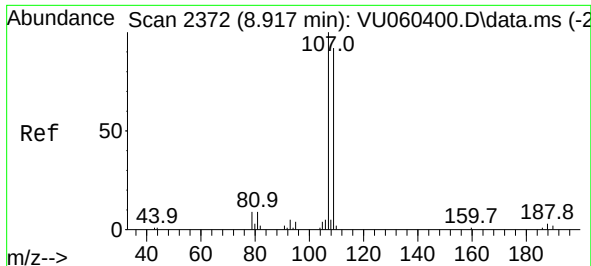
Tgt	Ion: 43	Resp:	154710
Ion	Ratio	Lower	Upper
43	100		
58	61.9	50.9	76.3
57	21.3	17.4	26.0
100	12.7	10.2	15.4



#49
Dibromochloromethane
Concen: 5.292 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VU060412.D
Acq: 12 Aug 2024 17:59

Tgt Ion:129	Resp: 33071		
Ion Ratio	Lower	Upper	
129 100			
127 74.9	51.9	96.3	

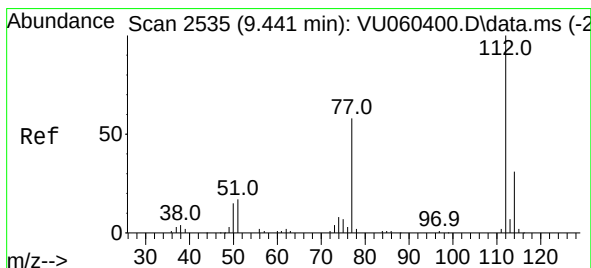
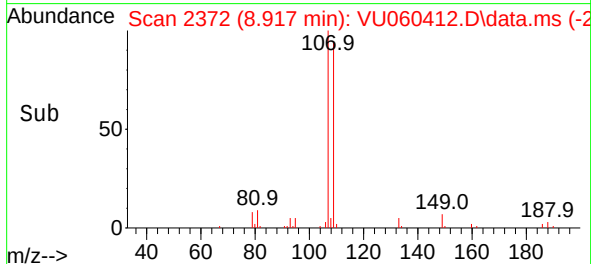
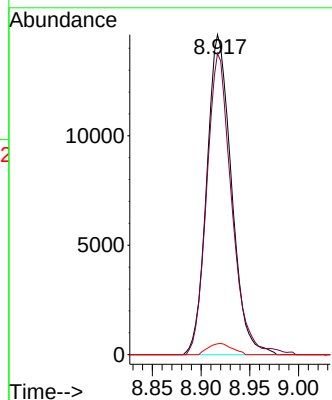
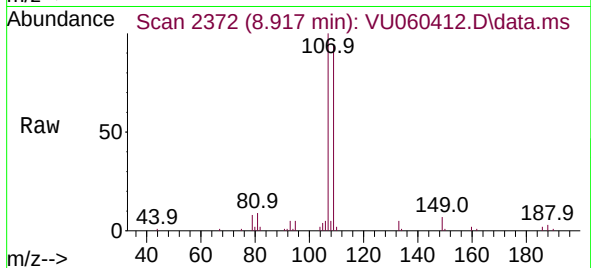




#50
1,2-Dibromoethane
Concen: 4.926 ug/L
RT: 8.917 min Scan# 2372
Delta R.T. 0.000 min
Lab File: VU060412.D
Acq: 12 Aug 2024 17:59

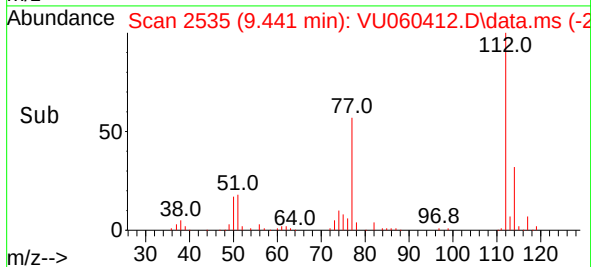
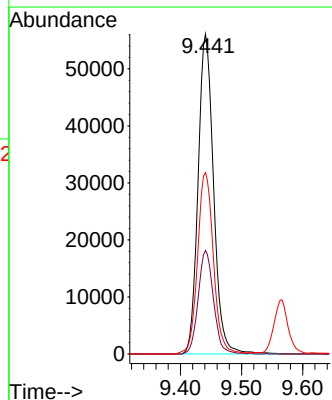
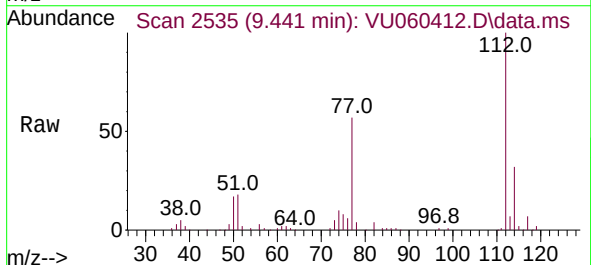
Instrument :
MSVOA_U
ClientSampleId :

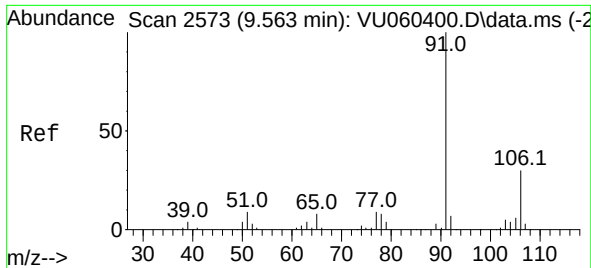
Tgt Ion:107 Resp: 25771
Ion Ratio Lower Upper
107 100
109 94.1 64.8 120.3
188 3.4 2.6 3.8



#51
Chlorobenzene
Concen: 4.911 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.000 min
Lab File: VU060412.D
Acq: 12 Aug 2024 17:59

Tgt Ion:112 Resp: 98708
Ion Ratio Lower Upper
112 100
114 32.4 21.3 39.5
77 56.7 44.6 67.0

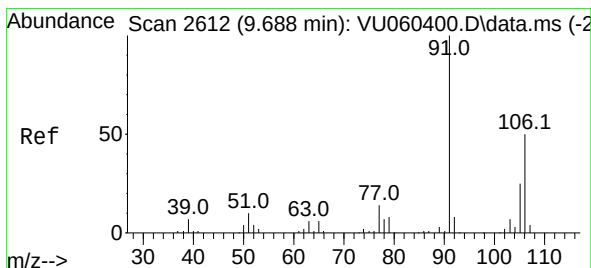
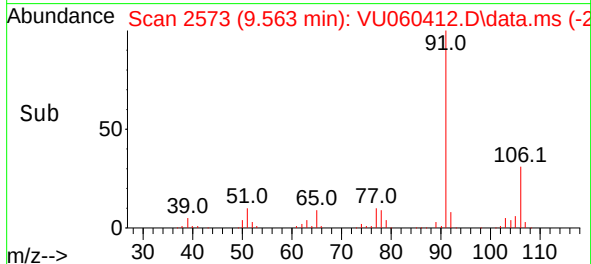
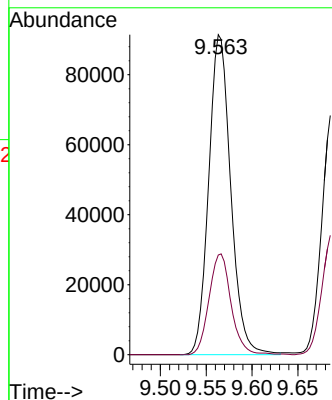
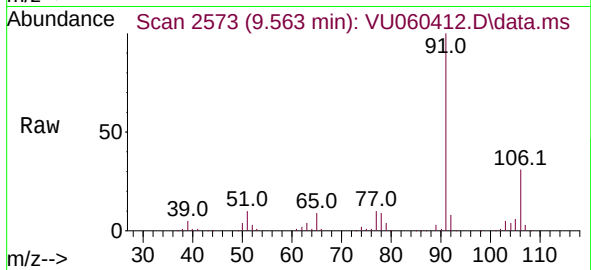




#52
Ethylbenzene
Concen: 4.867 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. 0.000 min
Lab File: VU060412.D
Acq: 12 Aug 2024 17:59

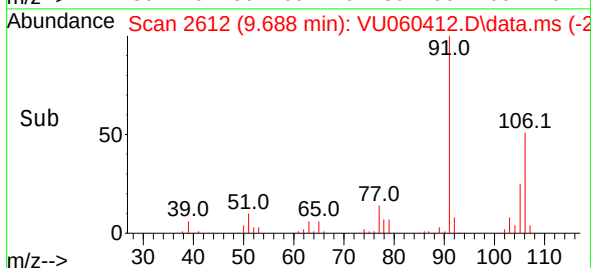
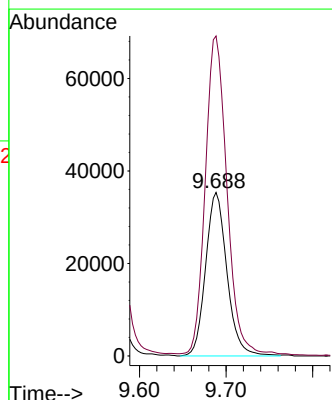
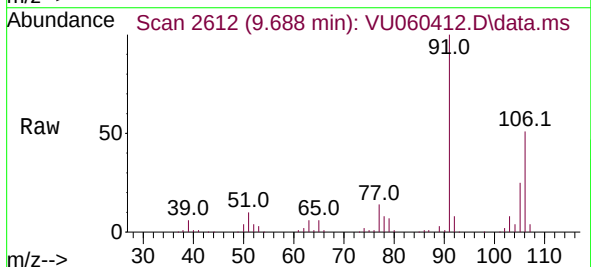
Instrument :
MSVOA_U
ClientSampleId :

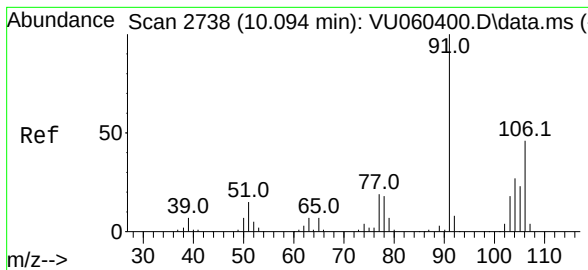
Tgt Ion: 91 Resp: 152760
Ion Ratio Lower Upper
91 100
106 31.1 21.6 40.2



#53
m,p-Xylene
Concen: 5.079 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU060412.D
Acq: 12 Aug 2024 17:59

Tgt Ion:106 Resp: 60593
Ion Ratio Lower Upper
106 100
91 195.7 143.2 266.0

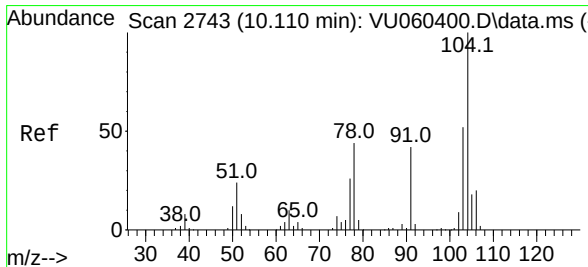
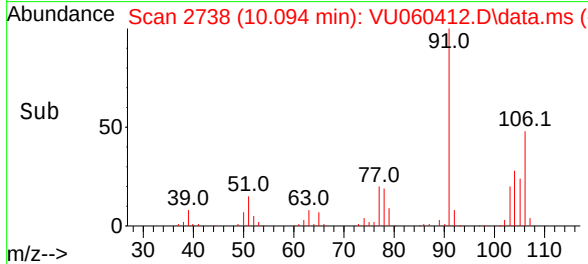
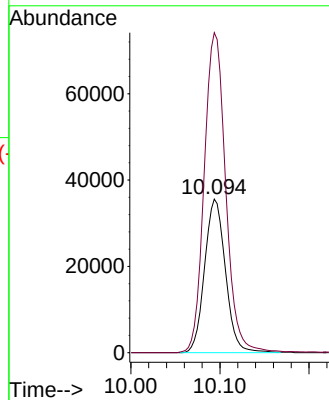
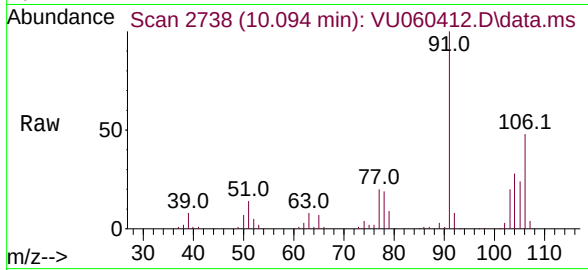




#54
o-Xylene
Concen: 5.074 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. 0.000 min
Lab File: VU060412.D
Acq: 12 Aug 2024 17:59

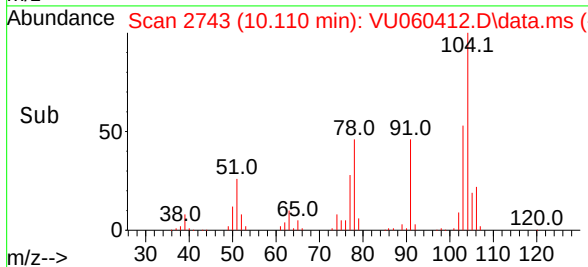
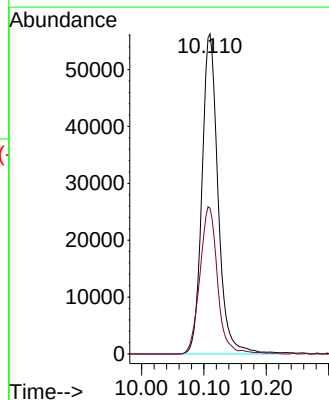
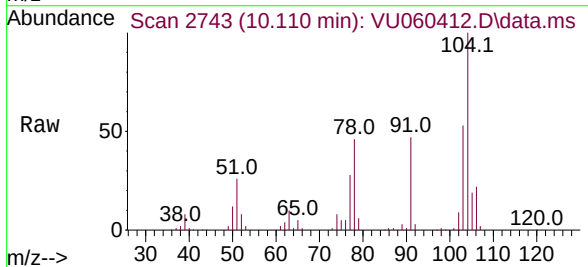
Instrument :
MSVOA_U
ClientSampleId :

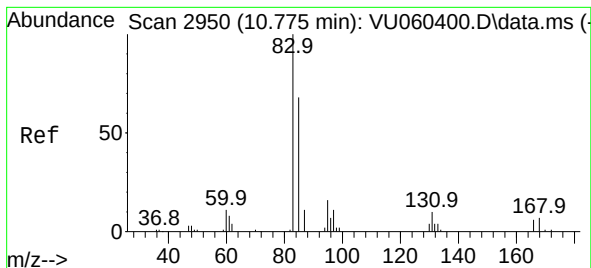
Tgt Ion:106 Resp: 57920
Ion Ratio Lower Upper
106 100
91 208.3 150.2 279.0



#55
Styrene
Concen: 5.121 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. 0.000 min
Lab File: VU060412.D
Acq: 12 Aug 2024 17:59

Tgt Ion:104 Resp: 101144
Ion Ratio Lower Upper
104 100
78 45.6 32.1 59.7





#57

1,1,2,2-Tetrachloroethane

Concen: 5.029 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU060412.D

Acq: 12 Aug 2024 17:59

Instrument :

MSVOA_U

ClientSampleId :

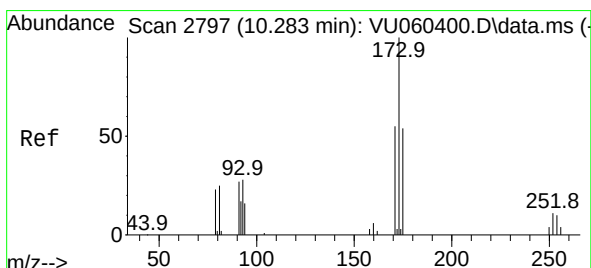
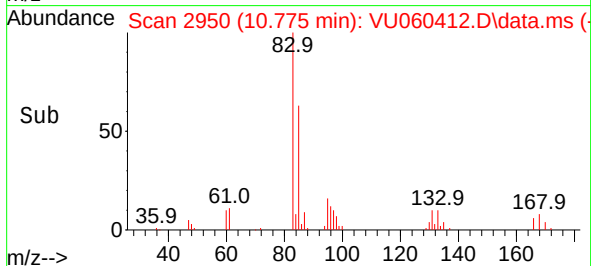
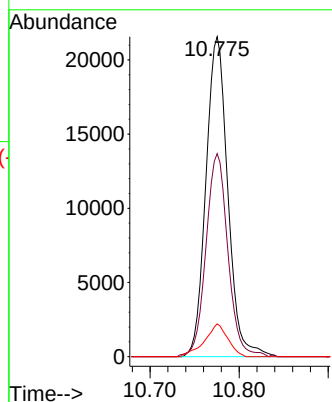
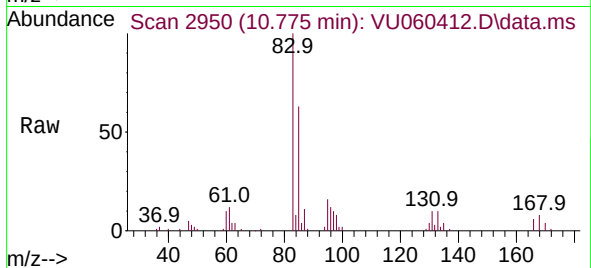
Tgt Ion: 83 Resp: 36752

Ion Ratio Lower Upper

83 100

85 63.4 46.1 85.5

131 10.2 7.6 11.4



#59

Bromoform

Concen: 5.216 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. 0.000 min

Lab File: VU060412.D

Acq: 12 Aug 2024 17:59

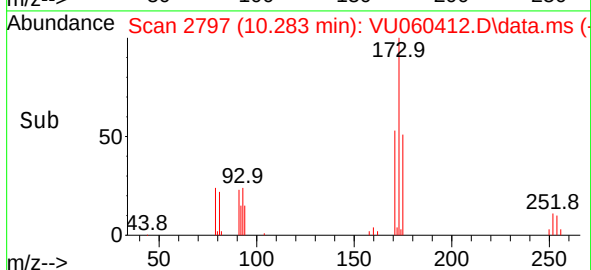
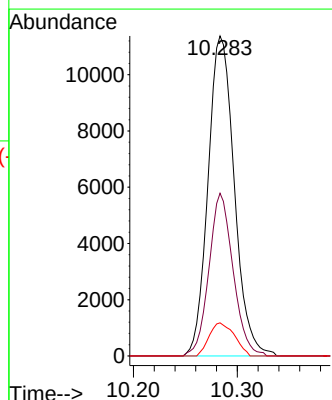
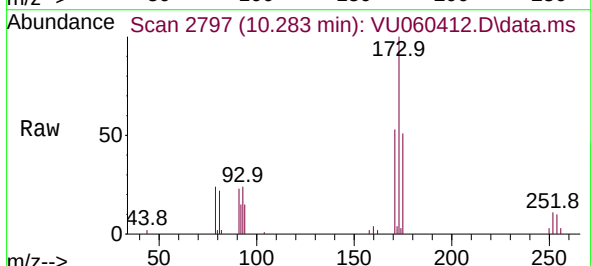
Tgt Ion:173 Resp: 19984

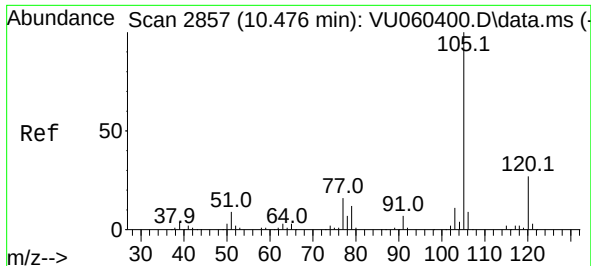
Ion Ratio Lower Upper

173 100

175 46.7 39.7 59.5

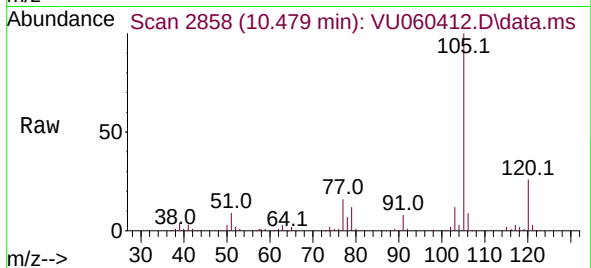
254 9.9 8.2 12.4



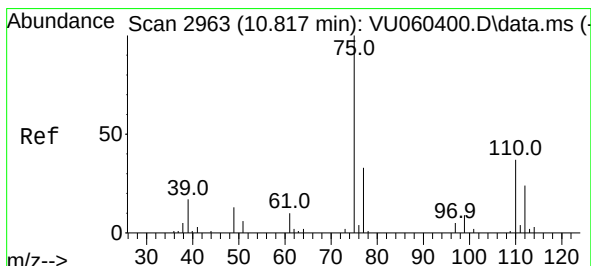
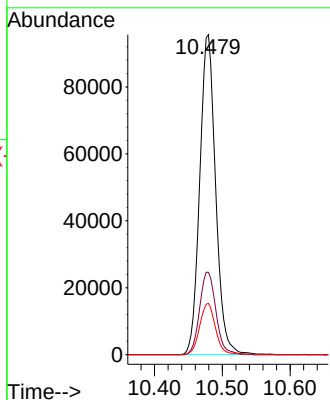
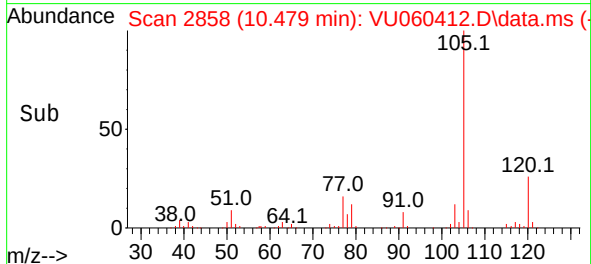


#60
Isopropylbenzene
Concen: 5.116 ug/L
RT: 10.479 min Scan# 2857
Delta R.T. 0.003 min
Lab File: VU060412.D
Acq: 12 Aug 2024 17:59

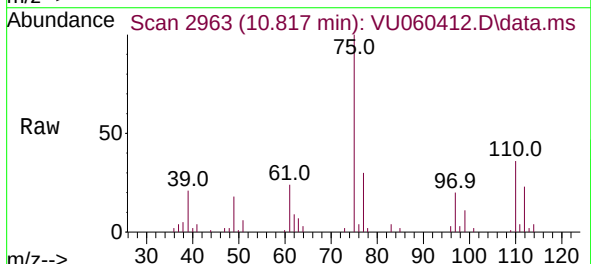
Instrument :
MSVOA_U
ClientSampleId :



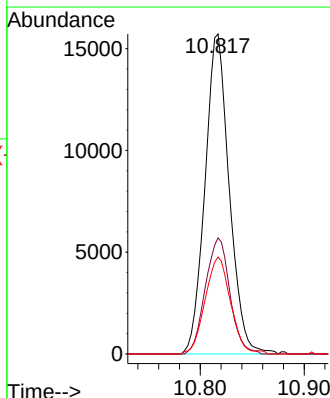
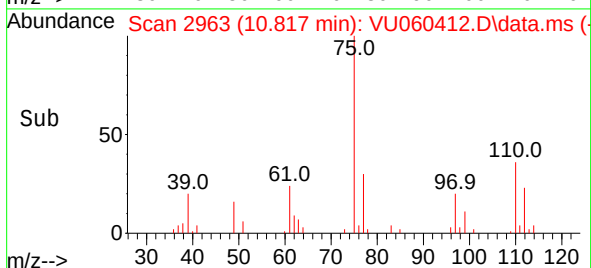
Tgt Ion:105 Resp: 155851
Ion Ratio Lower Upper
105 100
120 26.5 21.0 31.6
77 15.8 12.6 19.0

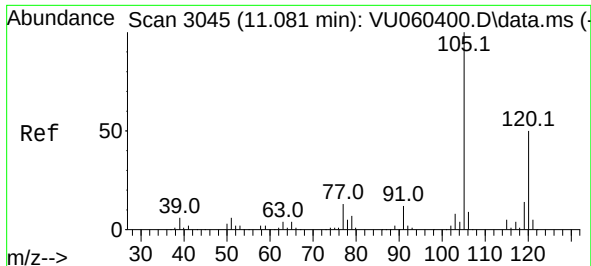


#61
1,2,3-Trichloropropane
Concen: 5.209 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. 0.000 min
Lab File: VU060412.D
Acq: 12 Aug 2024 17:59



Tgt Ion: 75 Resp: 25443
Ion Ratio Lower Upper
75 100
110 36.6 29.9 44.9
77 31.8 27.0 40.6





#62

1,3,5-Trimethylbenzene

Concen: 5.176 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. 0.000 min

Lab File: VU060412.D

Acq: 12 Aug 2024 17:59

Instrument :

MSVOA_U

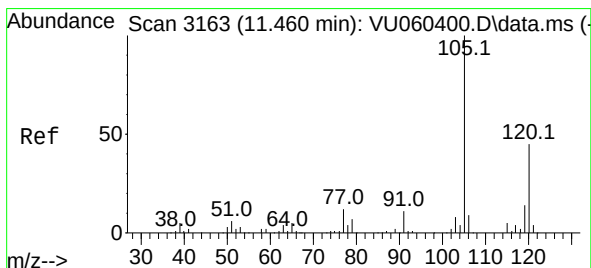
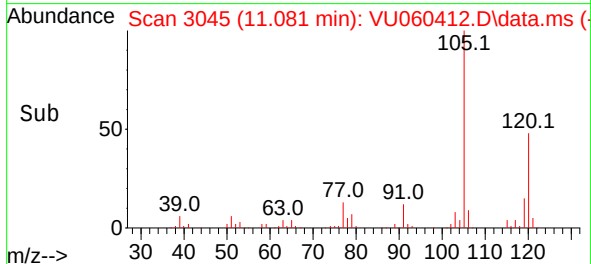
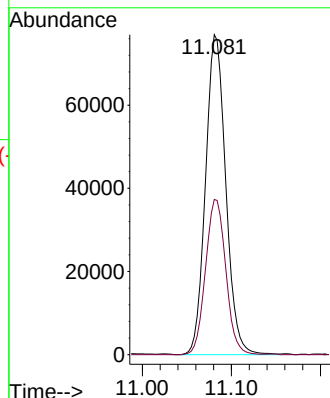
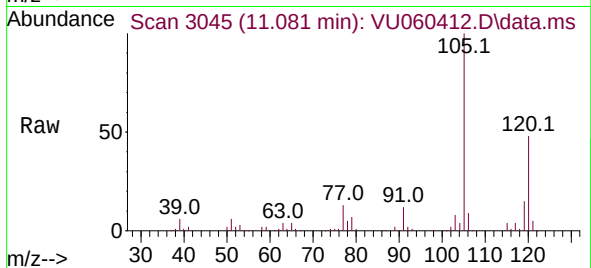
ClientSampleId :

Tgt Ion:105 Resp: 121397

Ion Ratio Lower Upper

105 100

120 48.6 39.3 58.9



#63

1,2,4-Trimethylbenzene

Concen: 5.030 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. 0.003 min

Lab File: VU060412.D

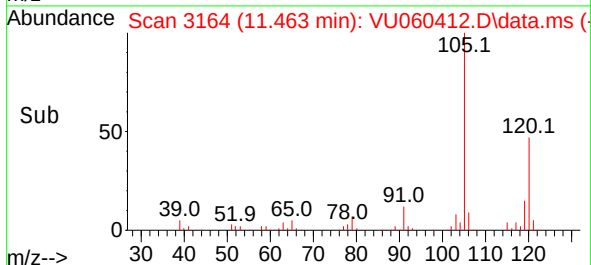
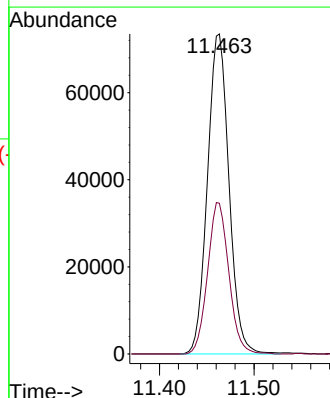
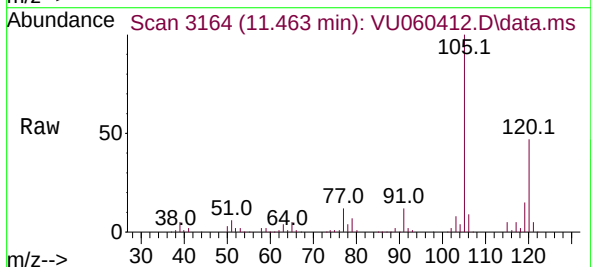
Acq: 12 Aug 2024 17:59

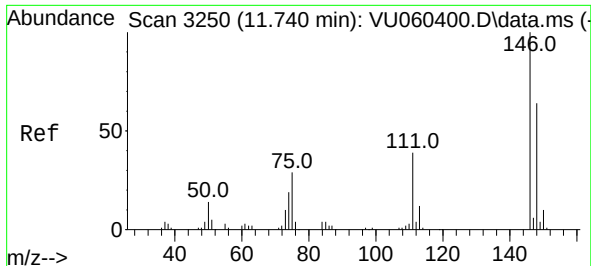
Tgt Ion:105 Resp: 116263

Ion Ratio Lower Upper

105 100

120 46.6 36.1 54.1

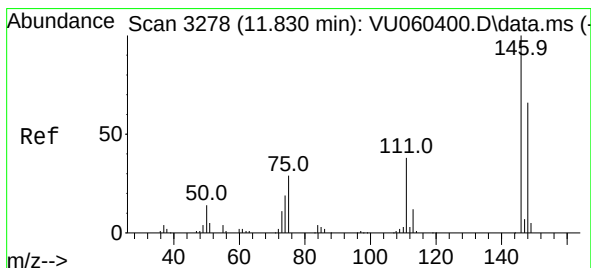
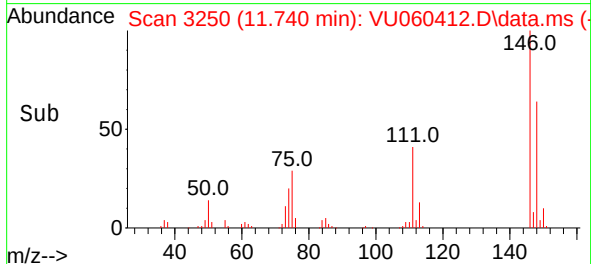
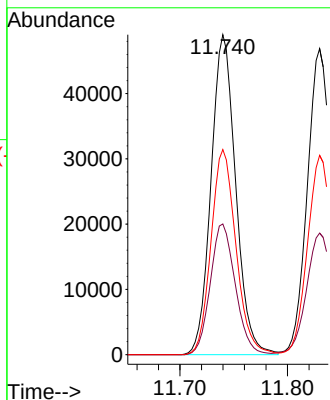
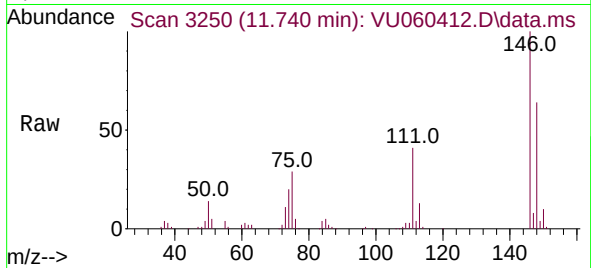




#64
1,3-Dichlorobenzene
Concen: 5.029 ug/L
RT: 11.740 min Scan# 3250
Delta R.T. 0.000 min
Lab File: VU060412.D
Acq: 12 Aug 2024 17:59

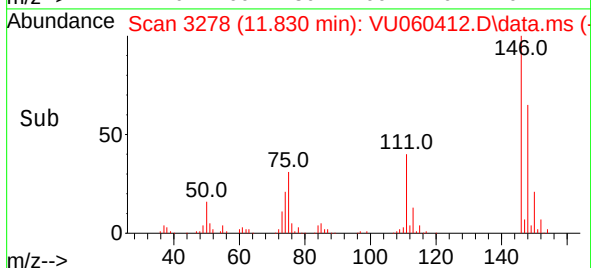
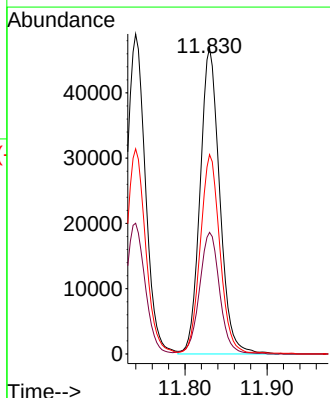
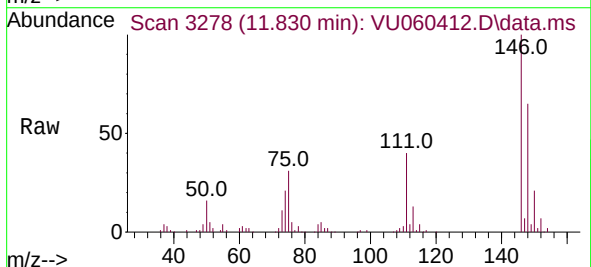
Instrument :
MSVOA_U
ClientSampleId :

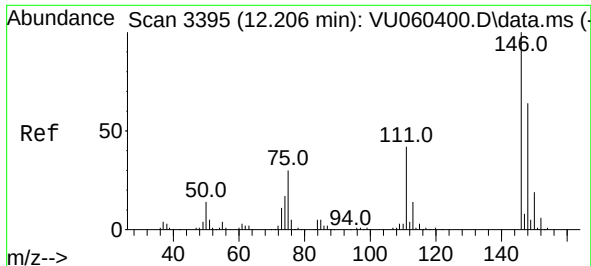
Tgt Ion:146 Resp: 78070
Ion Ratio Lower Upper
146 100
111 40.8 29.2 54.2
148 64.1 44.9 83.3



#65
1,4-Dichlorobenzene
Concen: 4.987 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. 0.000 min
Lab File: VU060412.D
Acq: 12 Aug 2024 17:59

Tgt Ion:146 Resp: 78047
Ion Ratio Lower Upper
146 100
111 39.7 25.8 48.0
148 65.2 44.0 81.6





#67

1,2-Dichlorobenzene

Concen: 4.995 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. 0.000 min

Lab File: VU060412.D

Acq: 12 Aug 2024 17:59

Instrument :

MSVOA_U

ClientSampleId :

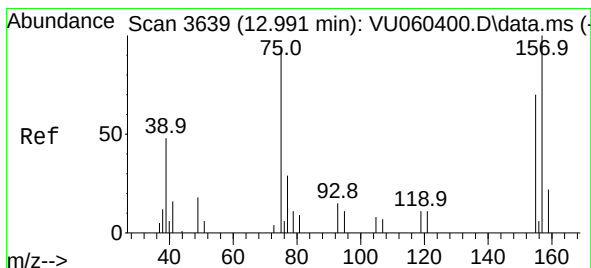
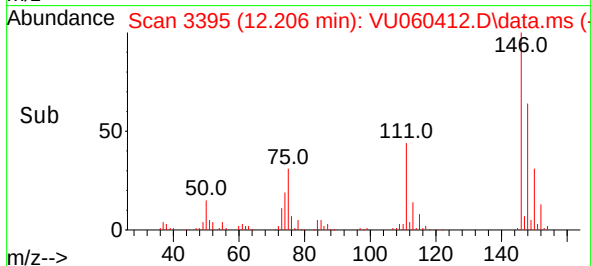
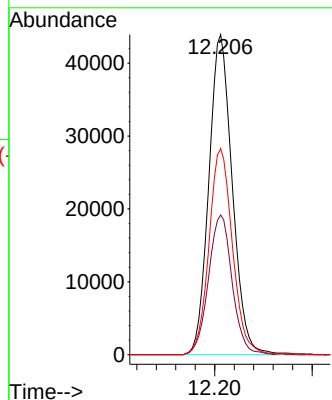
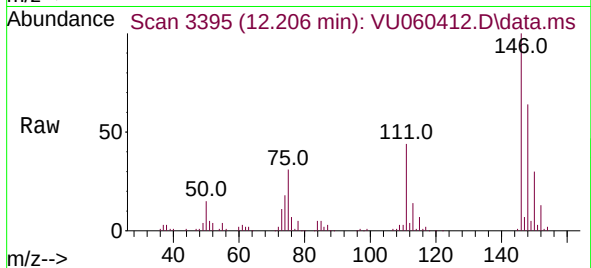
Tgt Ion:146 Resp: 73223

Ion Ratio Lower Upper

146 100

111 43.7 32.0 48.0

148 64.4 51.8 77.8



#68

1,2-Dibromo-3-chloropropane

Concen: 5.825 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. 0.000 min

Lab File: VU060412.D

Acq: 12 Aug 2024 17:59

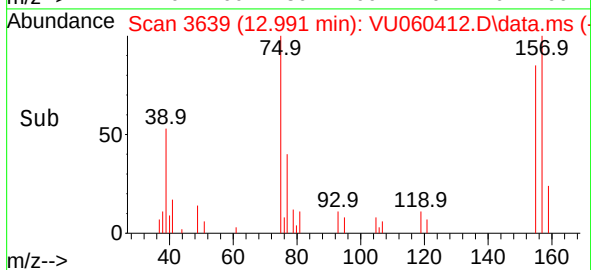
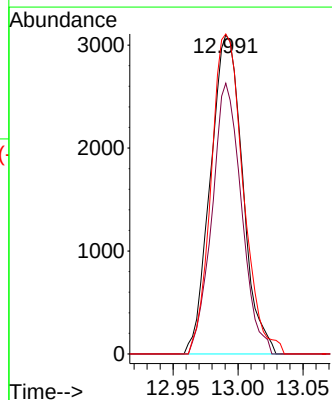
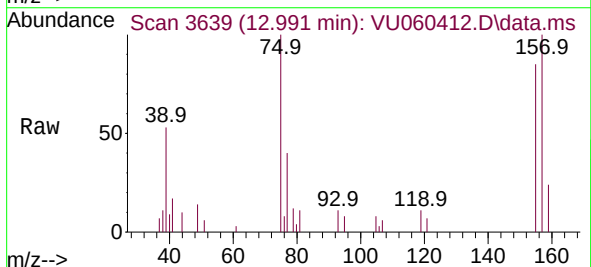
Tgt Ion: 75 Resp: 5334

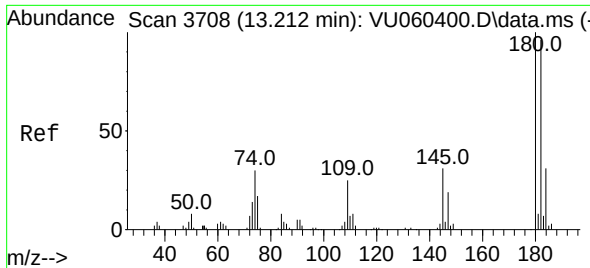
Ion Ratio Lower Upper

75 100

155 84.9 64.3 96.5

157 100.3 88.0 132.0





#69

1,3,5-Trichlorobenzene

Concen: 4.755 ug/L

RT: 13.212 min Scan# 3

Delta R.T. 0.000 min

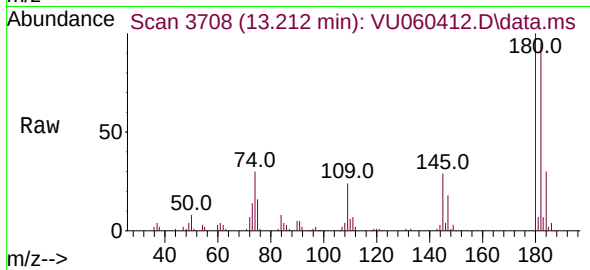
Lab File: VU060412.D

Acq: 12 Aug 2024 17:59

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 55791

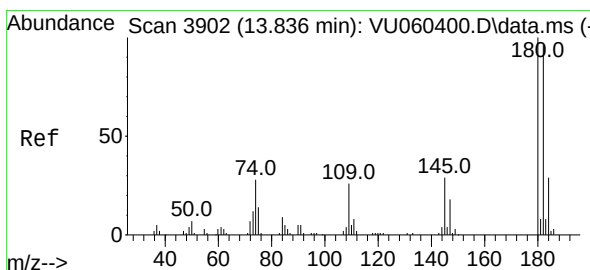
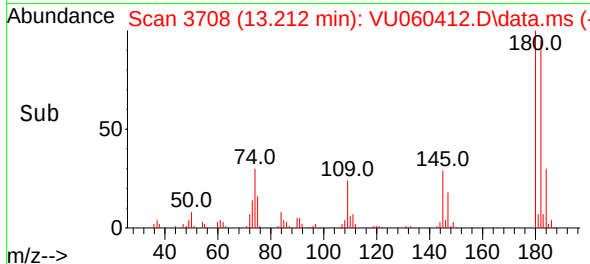
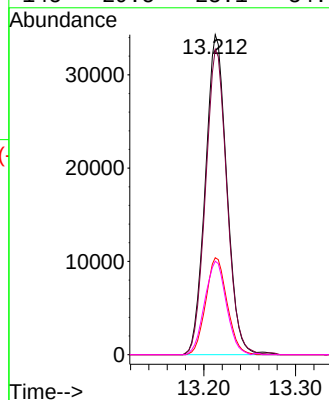
Ion Ratio Lower Upper

180 100

182 94.9 76.0 114.0

184 30.1 23.8 35.8

145 29.5 23.1 34.7



#70

1,2,4-trichlorobenzene

Concen: 4.439 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. -0.003 min

Lab File: VU060412.D

Acq: 12 Aug 2024 17:59

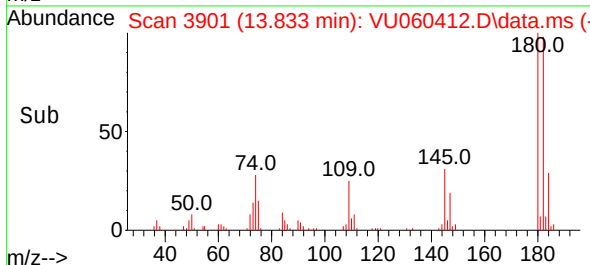
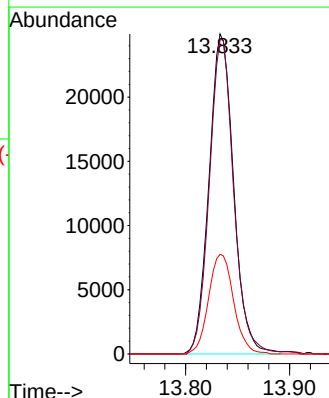
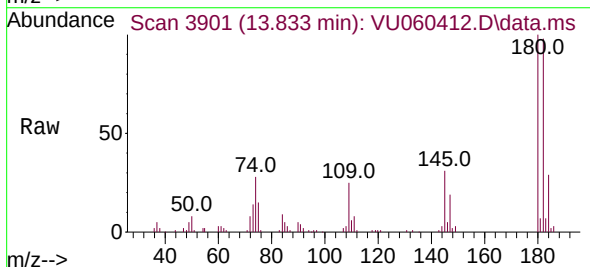
Tgt Ion:180 Resp: 40892

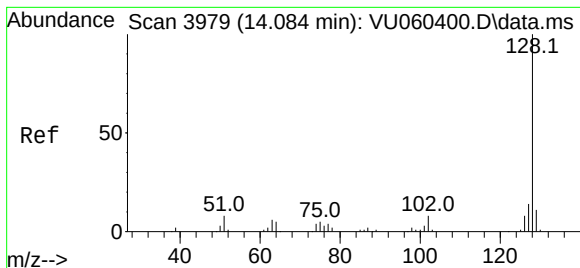
Ion Ratio Lower Upper

180 100

182 97.6 76.0 114.0

145 31.7 23.7 35.5





#71

Naphthalene

Concen: 4.368 ug/L

RT: 14.084 min Scan# 3979

Delta R.T. 0.000 min

Lab File: VU060412.D

Acq: 12 Aug 2024 17:59

Instrument :

MSVOA_U

ClientSampleId :

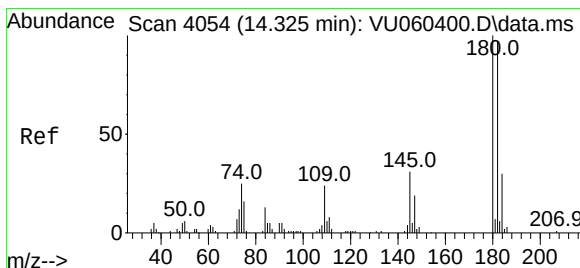
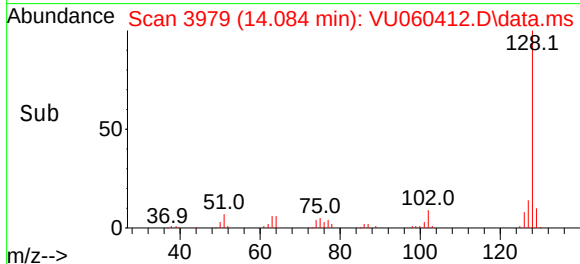
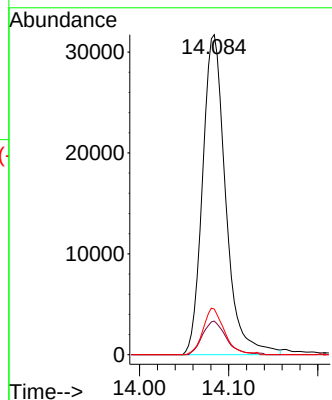
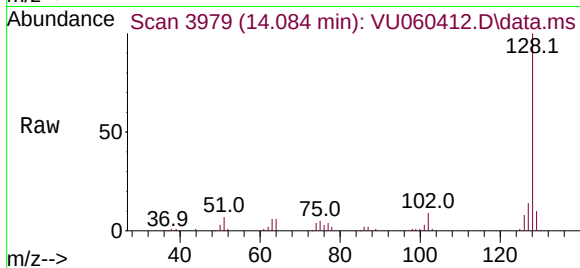
Tgt Ion:128 Resp: 57205

Ion Ratio Lower Upper

128 100

129 10.7 8.6 12.8

127 13.2 10.6 16.0



#72

1,2,3-Trichlorobenzene

Concen: 4.515 ug/L

RT: 14.322 min Scan# 4053

Delta R.T. -0.003 min

Lab File: VU060412.D

Acq: 12 Aug 2024 17:59

Tgt Ion:180 Resp: 37257

Ion Ratio Lower Upper

180 100

182 96.3 75.7 113.5

145 31.7 23.7 35.5

