

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082024\
 Data File : VU060499.D
 Acq On : 20 Aug 2024 18:53
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 21 02:34:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Aug 21 02:30:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	91452	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	97311	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	53656	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	23955	3.337	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.800%
7) Chloroethane-d5	1.911	69	23787	3.675	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.400%
11) 1,1-Dichloroethene-d2	2.563	65	11168	3.656	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.200%
20) 2-Butanone-d5	4.634	46	67505	44.310	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.620%
24) Chloroform-d	5.055	84	60679	4.269	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.400%
26) 1,2-Dichloroethane-d4	5.695	65	29021	4.403	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.000%
32) Benzene-d6	5.721	84	111596	3.803	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.000%
36) 1,2-Dichloropropane-d6	6.682	67	36861	4.049	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.000%
41) Toluene-d8	7.891	98	105942	4.043	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.800%
43) trans-1,3-Dichloroprop...	8.177	79	12512	4.252	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.000%
46) 2-Hexanone-d5	8.631	63	55016	42.126	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.260%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	30819	4.126	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	39466	3.993	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	79.800%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	19490	3.951	ug/L	99
3) Chloromethane	1.518	50	23067	3.759	ug/L	100
5) Vinyl chloride	1.602	62	27859	3.878	ug/L	97
6) Bromomethane	1.856	94	19078	3.750	ug/L	100
8) Chloroethane	1.930	64	18901	3.879	ug/L	96
9) Trichlorofluoromethane	2.132	101	48632	4.828	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	28671	4.320	ug/L	97
12) 1,1-Dichloroethene	2.573	96	24472	4.058	ug/L	95
13) Acetone	2.647	43	53307	51.241	ug/L	99
14) Carbon disulfide	2.788	76	51262	3.370	ug/L	99
15) Methyl Acetate	2.959	43	11646	5.403	ug/L	98
16) Methylene chloride	3.039	84	58256	6.796	ug/L	99
17) Methyl tert-butyl Ether	3.357	73	65428	4.602	ug/L	97
18) trans-1,2-Dichloroethene	3.348	96	25542	4.318	ug/L	96
19) 1,1-Dichloroethane	3.862	63	55604	4.553	ug/L	97
21) 2-Butanone	4.711	43	74111	47.796	ug/L	99
22) cis-1,2-Dichloroethene	4.660	96	30601	4.285	ug/L	94
23) Bromochloromethane	4.968	128	15720	4.770	ug/L	90
25) Chloroform	5.081	83	62544	4.708	ug/L	97

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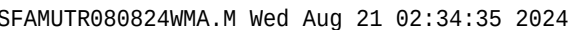
Instrument :
 MSVOA_U
 ClientSampleId :

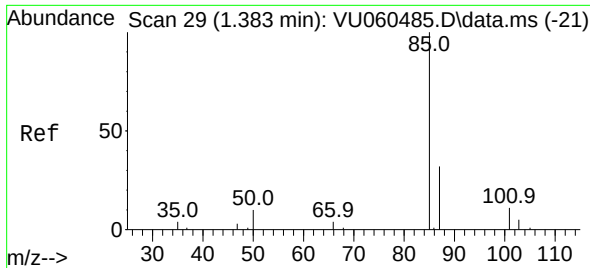
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	37625	5.325	ug/L #	93
29) 1,1,1-Trichloroethane	5.309	97	49474	4.644	ug/L	97
30) Cyclohexane	5.380	56	31658	3.671	ug/L	97
31) Carbon tetrachloride	5.518	117	44552	4.772	ug/L	99
33) Benzene	5.766	78	119174	4.254	ug/L	100
34) Trichloroethene	6.537	95	32202	4.391	ug/L	98
35) Methylcyclohexane	6.756	83	34943	3.649	ug/L	97
37) 1,2-Dichloropropane	6.785	63	34759	4.559	ug/L	100
38) Bromodichloromethane	7.097	83	44640	4.737	ug/L	96
39) cis-1,3-Dichloropropene	7.602	75	45010	4.346	ug/L	97
40) 4-Methyl-2-pentanone	7.785	43	172324	48.415	ug/L	98
42) Toluene	7.962	91	133605	4.513	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	38721	4.526	ug/L	93
45) 1,1,2-Trichloroethane	8.393	97	26688	4.570	ug/L	97
47) Tetrachloroethene	8.547	164	24691	4.304	ug/L	99
48) 2-Hexanone	8.679	43	137759	51.055	ug/L	97
49) Dibromochloromethane	8.801	129	30549	4.920	ug/L	93
50) 1,2-Dibromoethane	8.917	107	24165	4.648	ug/L	97
51) Chlorobenzene	9.441	112	89505	4.481	ug/L	97
52) Ethylbenzene	9.563	91	133887	4.293	ug/L	100
53) m,p-Xylene	9.688	106	52990	4.470	ug/L	93
54) o-Xylene	10.094	106	52042	4.588	ug/L	99
55) Styrene	10.110	104	91283	4.651	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.775	83	33186	4.570	ug/L	97
59) Bromoform	10.283	173	18488	4.538	ug/L	98
60) Isopropylbenzene	10.476	105	136630	4.217	ug/L	98
61) 1,2,3-Trichloropropane	10.817	75	22648	4.360	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	105932	4.247	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	105138	4.277	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	72438	4.387	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	72087	4.331	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	68463	4.391	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.990	75	4348	4.465	ug/L	94
69) 1,3,5-Trichlorobenzene	13.212	180	50986	4.086	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	37666	3.845	ug/L	100
71) Naphthalene	14.084	128	49233	3.534	ug/L	98
72) 1,2,3-Trichlorobenzene	14.322	180	32828	3.740	ug/L	95

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

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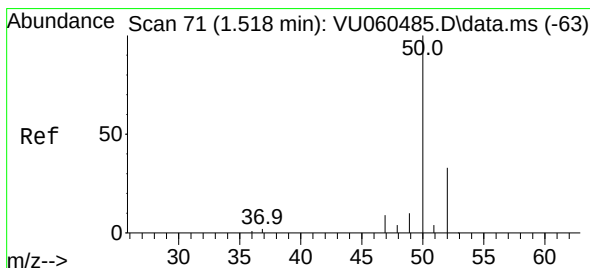
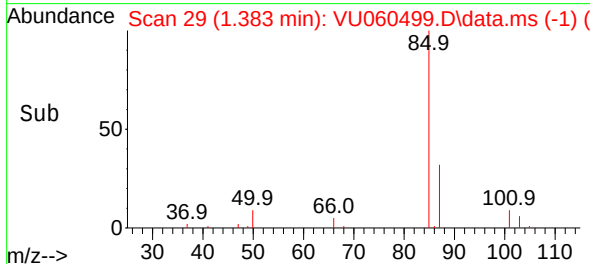
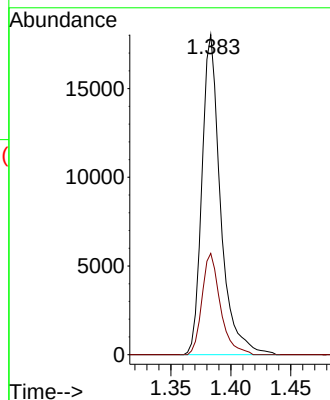
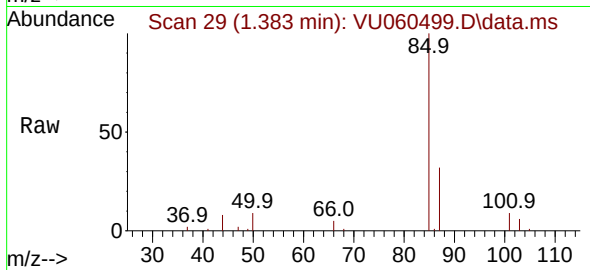




#2
 Dichlorodifluoromethane
 Concen: 3.951 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VU060499.D
 Acq: 20 Aug 2024 18:53

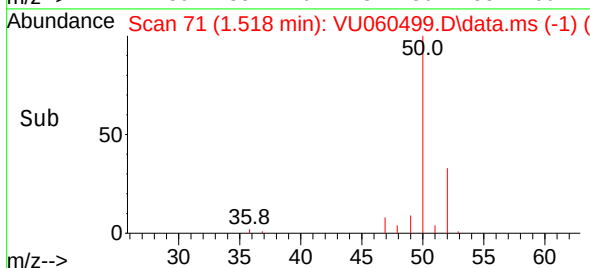
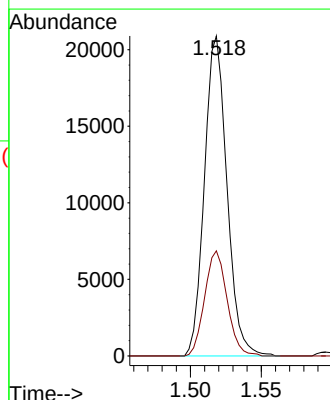
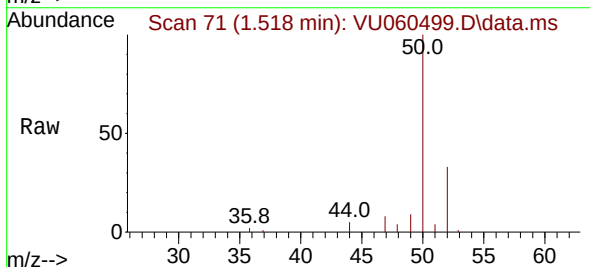
Instrument :
 MSVOA_U
 ClientSampleId :

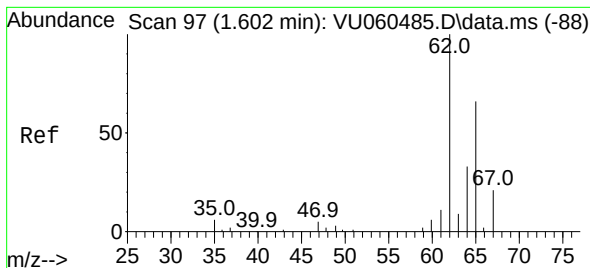
Tgt Ion: 85 Resp: 19490
 Ion Ratio Lower Upper
 85 100
 87 31.3 25.7 38.5



#3
 Chloromethane
 Concen: 3.759 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VU060499.D
 Acq: 20 Aug 2024 18:53

Tgt Ion: 50 Resp: 23067
 Ion Ratio Lower Upper
 50 100
 52 32.8 22.8 42.4





#5

Vinyl chloride

Concen: 3.878 ug/L

RT: 1.602 min Scan# 91

Delta R.T. -0.000 min

Lab File: VU060499.D

Acq: 20 Aug 2024 18:53

Instrument :

MSVOA_U

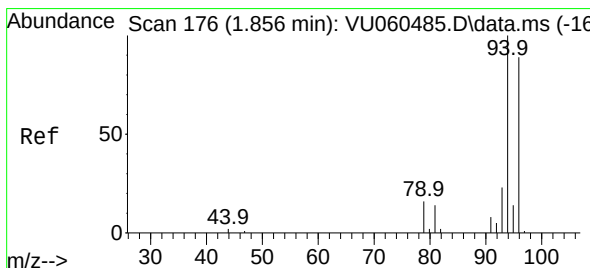
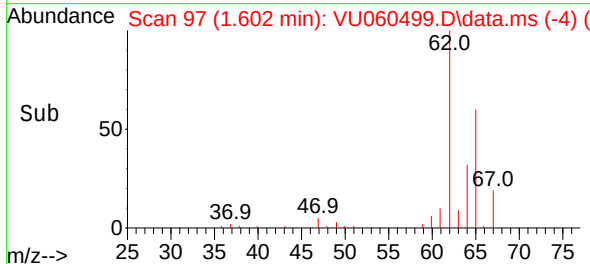
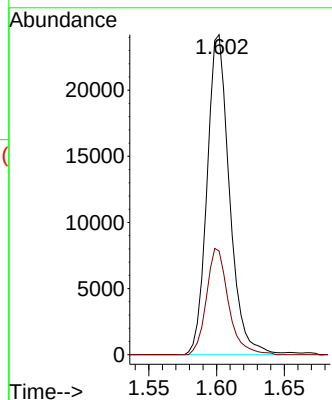
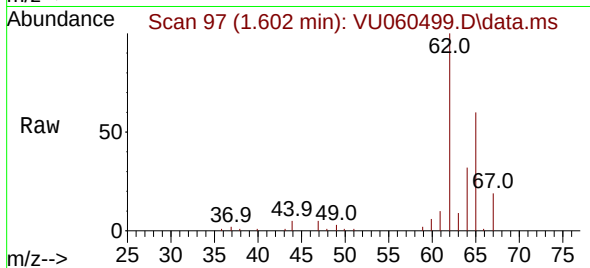
ClientSampleId :

Tgt Ion: 62 Resp: 27859

Ion Ratio Lower Upper

62 100

64 32.4 24.1 44.7



#6

Bromomethane

Concen: 3.750 ug/L

RT: 1.856 min Scan# 176

Delta R.T. -0.000 min

Lab File: VU060499.D

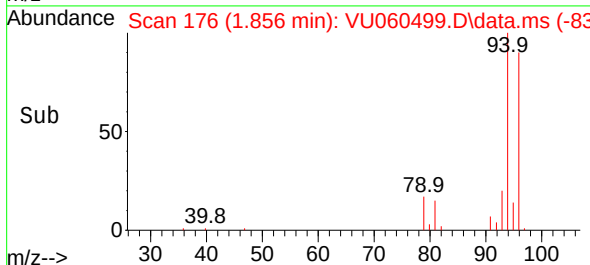
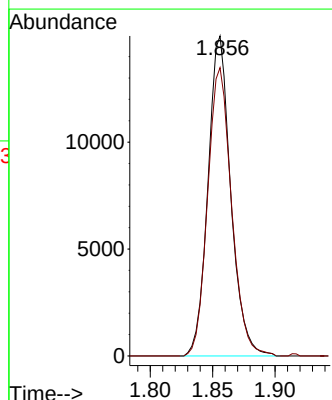
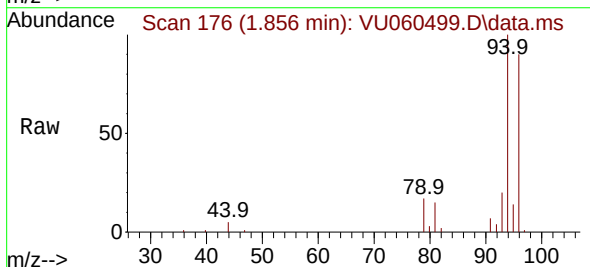
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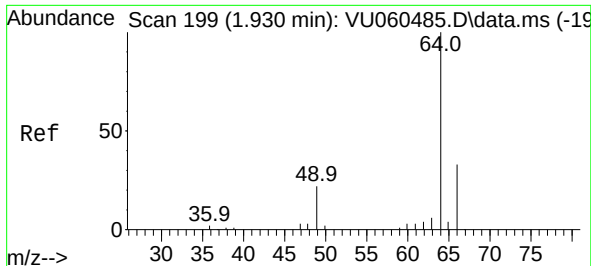
Tgt Ion: 94 Resp: 19078

Ion Ratio Lower Upper

94 100

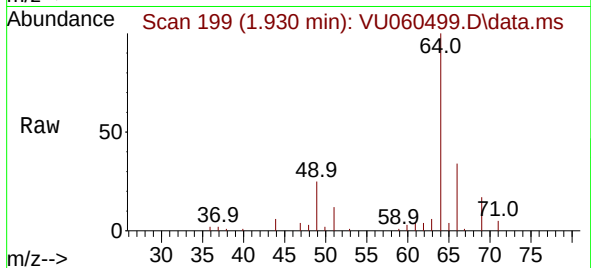
96 90.1 63.2 117.4



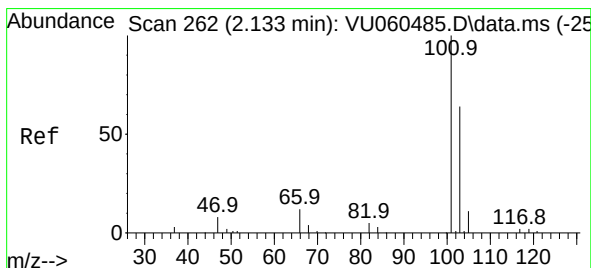
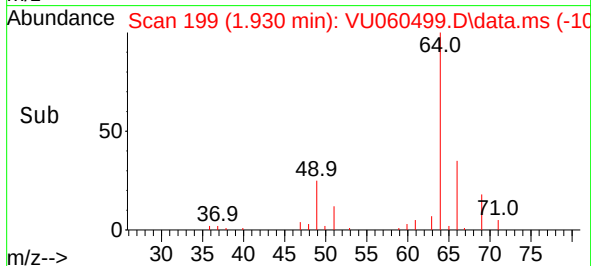
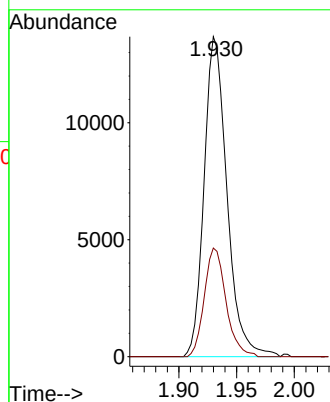


#8
Chloroethane
Concen: 3.879 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU060499.D
Acq: 20 Aug 2024 18:53

Instrument :
MSVOA_U
ClientSampleId :

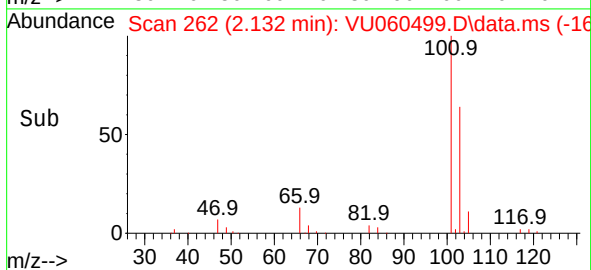
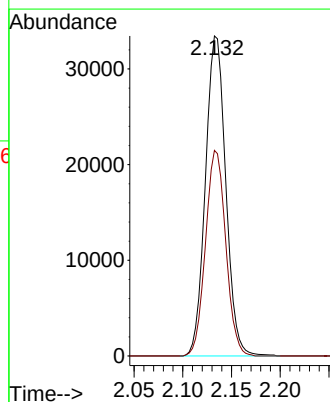
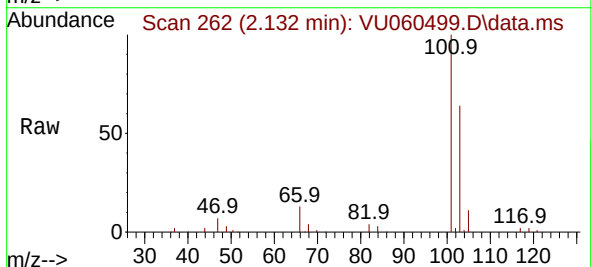


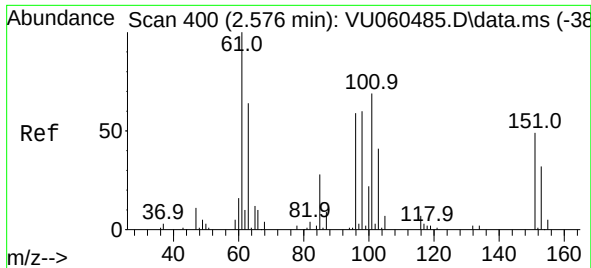
Tgt Ion: 64 Resp: 18901
Ion Ratio Lower Upper
64 100
66 34.0 22.2 41.2



#9
Trichlorofluoromethane
Concen: 4.828 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU060499.D
Acq: 20 Aug 2024 18:53

Tgt Ion:101 Resp: 48632
Ion Ratio Lower Upper
101 100
103 63.8 51.7 77.5

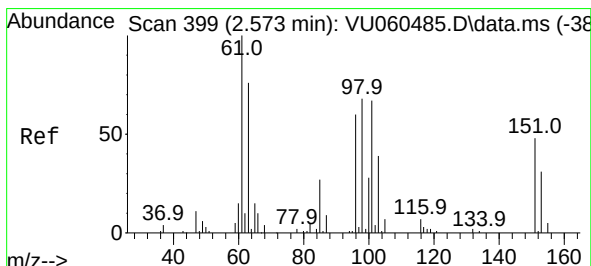
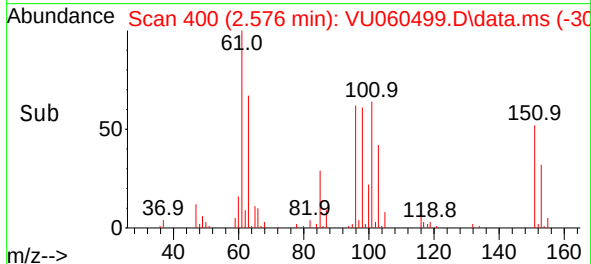
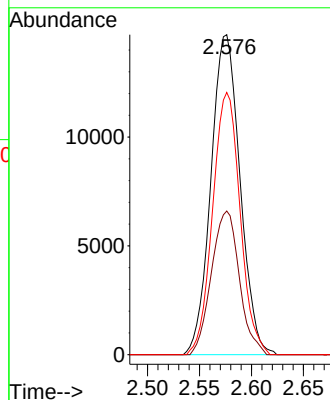
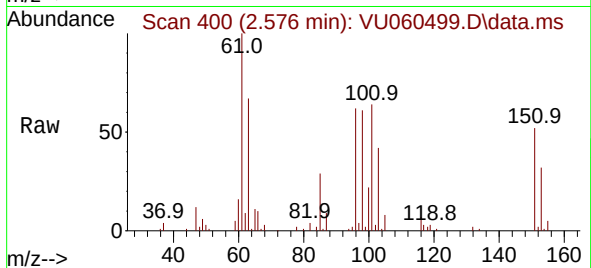




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.320 ug/L
RT: 2.576 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU060499.D
Acq: 20 Aug 2024 18:53

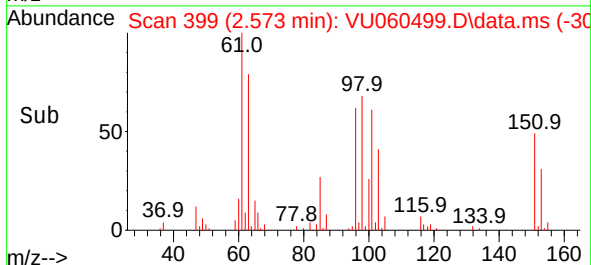
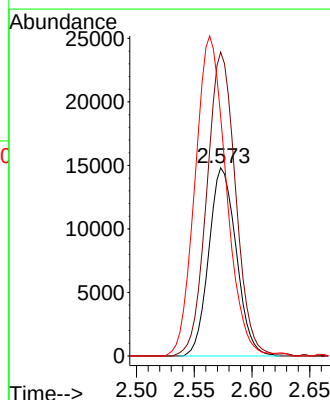
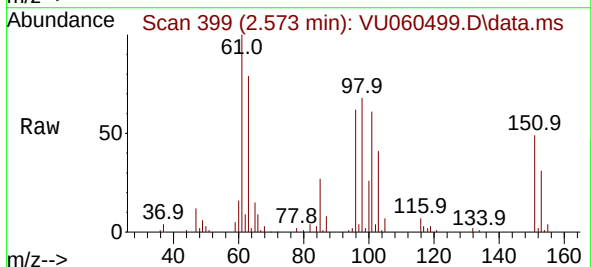
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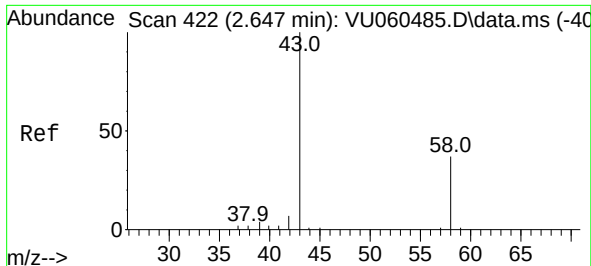
Tgt Ion:101 Resp: 28671
Ion Ratio Lower Upper
101 100
85 43.1 33.5 50.3
151 77.4 59.7 89.5



#12
1,1-Dichloroethene
Concen: 4.058 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU060499.D
Acq: 20 Aug 2024 18:53

Tgt Ion: 96 Resp: 24472
Ion Ratio Lower Upper
96 100
61 161.5 114.4 212.4
63 127.2 96.0 178.4





#13

Acetone

Concen: 51.241 ug/L

RT: 2.647 min Scan# 41

Delta R.T. -0.000 min

Lab File: VU060499.D

Acq: 20 Aug 2024 18:53

Instrument :

MSVOA_U

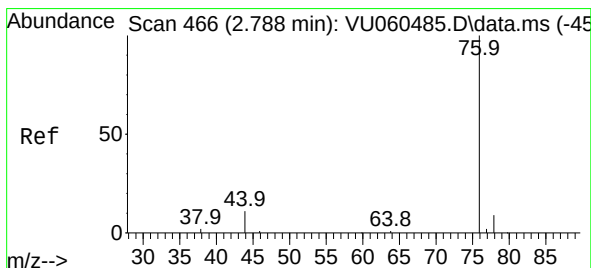
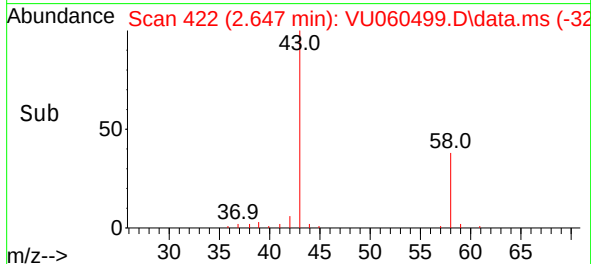
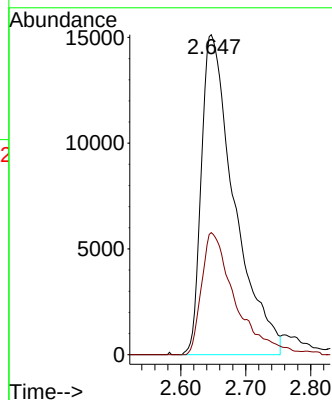
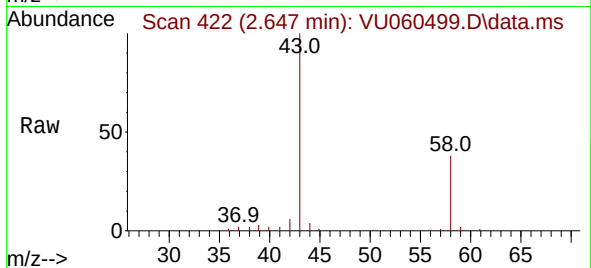
ClientSampleId :

Tgt Ion: 43 Resp: 53307

Ion Ratio Lower Upper

43 100

58 38.9 0.0 78.8



#14

Carbon disulfide

Concen: 3.370 ug/L

RT: 2.788 min Scan# 466

Delta R.T. -0.000 min

Lab File: VU060499.D

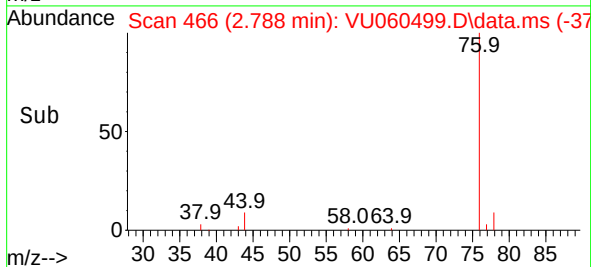
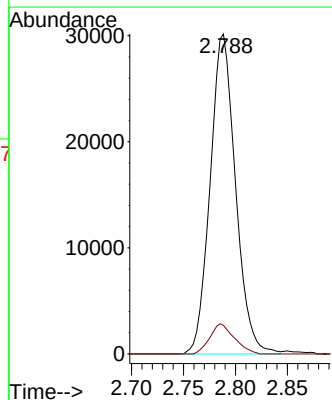
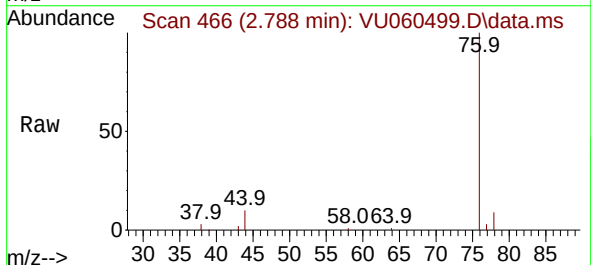
Acq: 20 Aug 2024 18:53

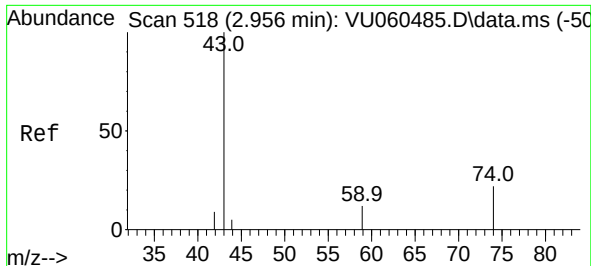
Tgt Ion: 76 Resp: 51262

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.0





#15

Methyl Acetate

Concen: 5.403 ug/L

RT: 2.959 min Scan# 518

Delta R.T. 0.003 min

Lab File: VU060499.D

Acq: 20 Aug 2024 18:53

Instrument :

MSVOA_U

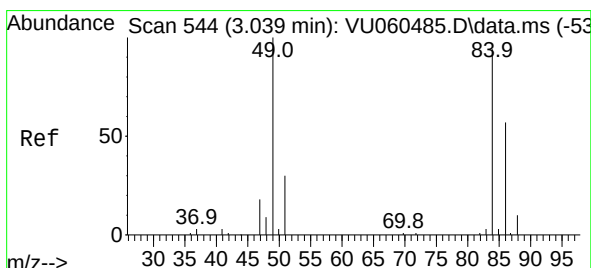
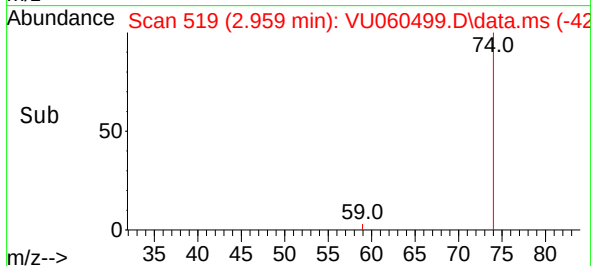
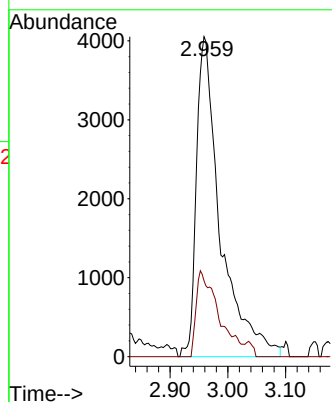
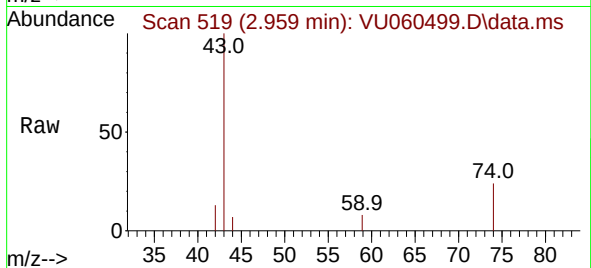
ClientSampleId :

Tgt Ion: 43 Resp: 11646

Ion Ratio Lower Upper

43 100

74 25.5 21.3 31.9



#16

Methylene chloride

Concen: 6.796 ug/L

RT: 3.039 min Scan# 544

Delta R.T. -0.000 min

Lab File: VU060499.D

Acq: 20 Aug 2024 18:53

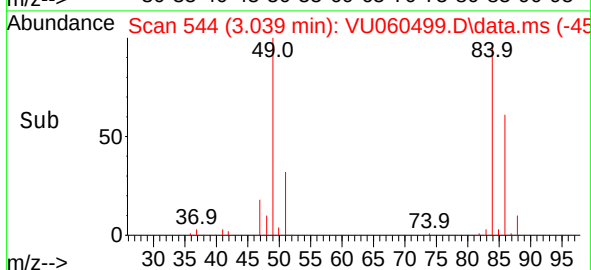
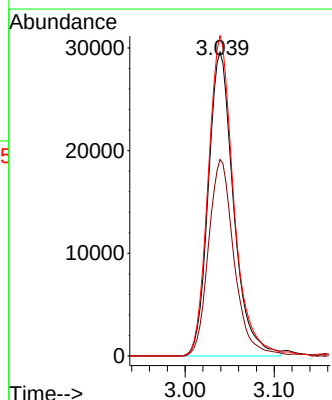
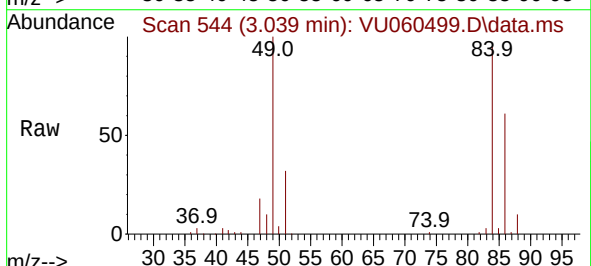
Tgt Ion: 84 Resp: 58256

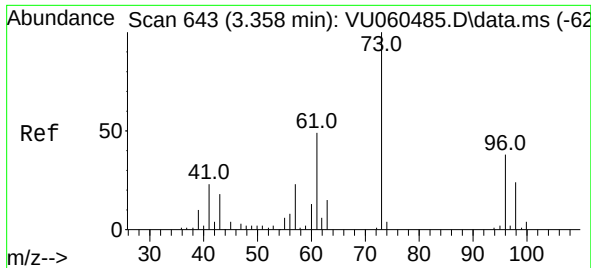
Ion Ratio Lower Upper

84 100

86 64.7 47.1 87.5

49 105.4 73.9 137.3





#17

Methyl tert-butyl Ether

Concen: 4.602 ug/L

RT: 3.357 min Scan# 643

Delta R.T. -0.000 min

Lab File: VU060499.D

Acq: 20 Aug 2024 18:53

Instrument :

MSVOA_U

ClientSampleId :

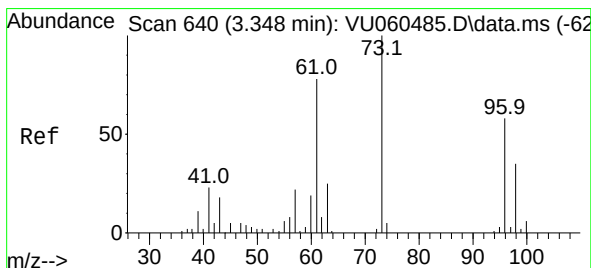
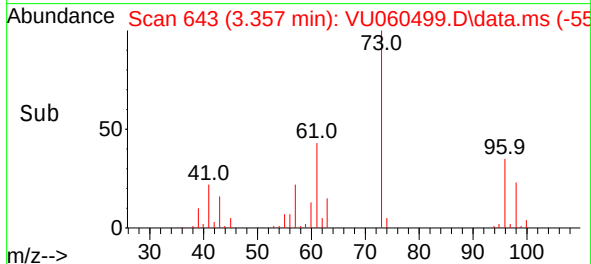
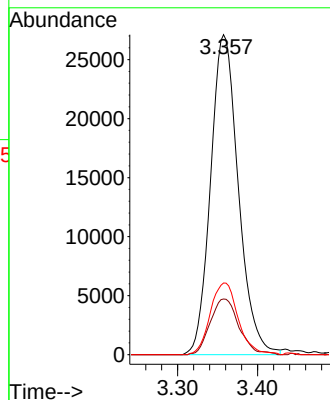
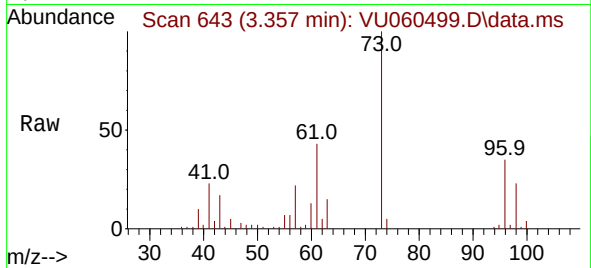
Tgt Ion: 73 Resp: 65428

Ion Ratio Lower Upper

73 100

43 18.0 12.8 19.2

57 22.5 17.5 26.3



#18

trans-1,2-Dichloroethene

Concen: 4.318 ug/L

RT: 3.348 min Scan# 640

Delta R.T. -0.000 min

Lab File: VU060499.D

Acq: 20 Aug 2024 18:53

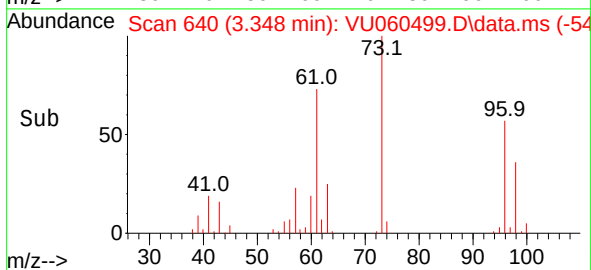
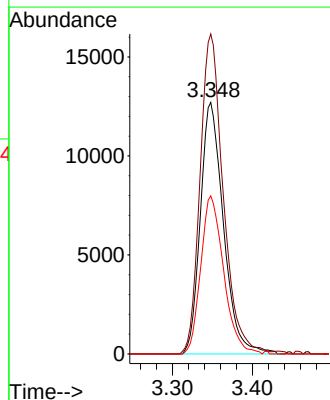
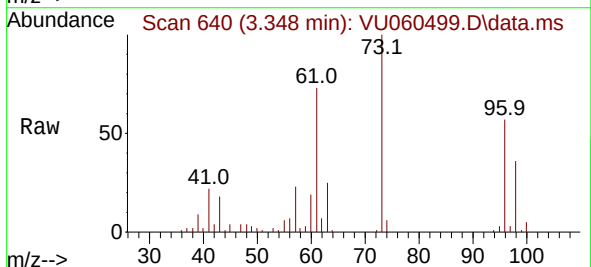
Tgt Ion: 96 Resp: 25542

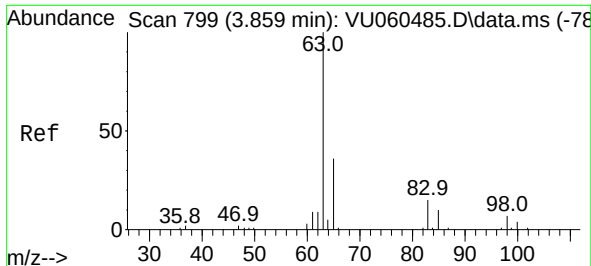
Ion Ratio Lower Upper

96 100

61 127.2 93.7 174.1

98 62.9 44.7 82.9

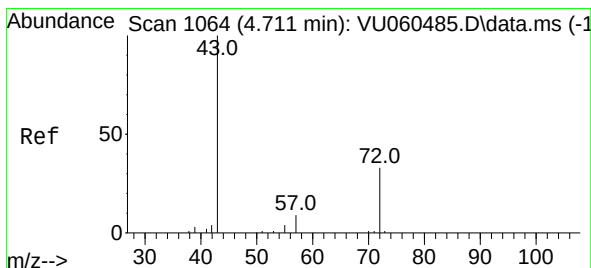
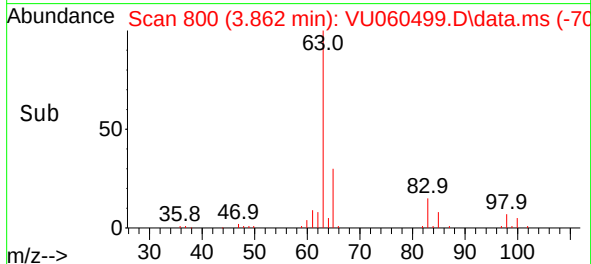
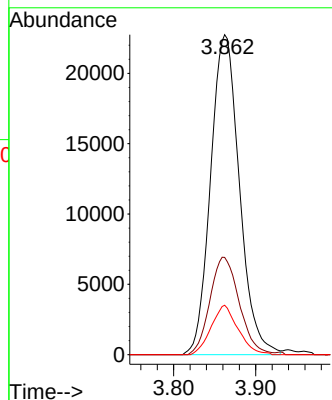
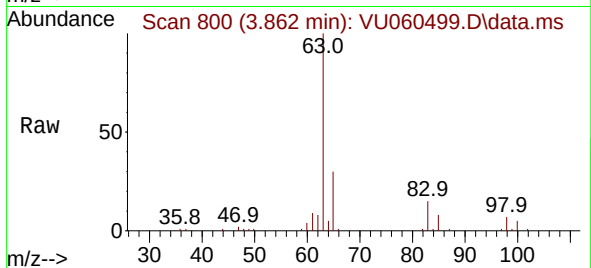




#19
1,1-Dichloroethane
Concen: 4.553 ug/L
RT: 3.862 min Scan# 80
Delta R.T. 0.003 min
Lab File: VU060499.D
Acq: 20 Aug 2024 18:53

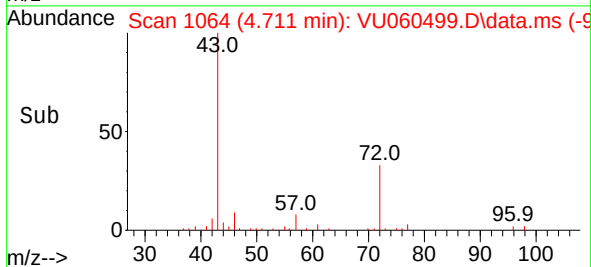
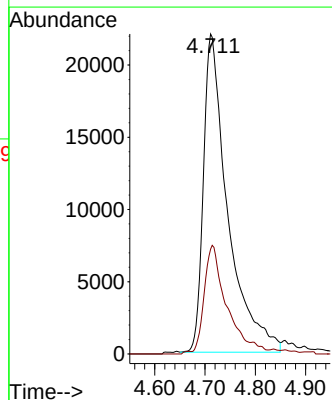
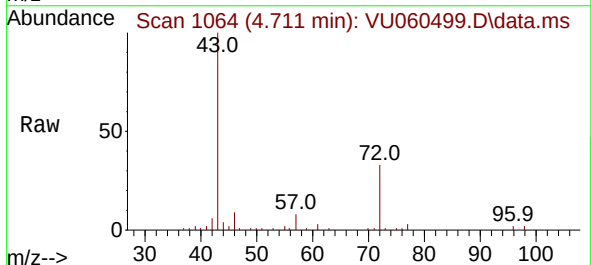
Instrument :
MSVOA_U
ClientSampleId :

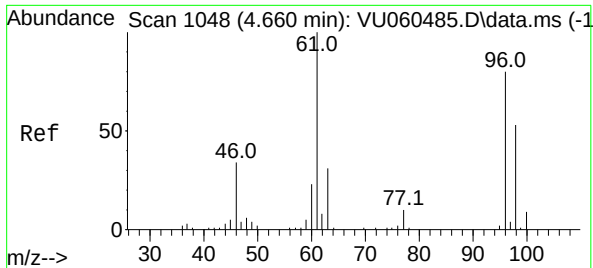
Tgt Ion: 63 Resp: 55604
Ion Ratio Lower Upper
63 100
65 30.4 22.2 41.2
83 15.4 9.1 16.9



#21
2-Butanone
Concen: 47.796 ug/L
RT: 4.711 min Scan# 1064
Delta R.T. -0.000 min
Lab File: VU060499.D
Acq: 20 Aug 2024 18:53

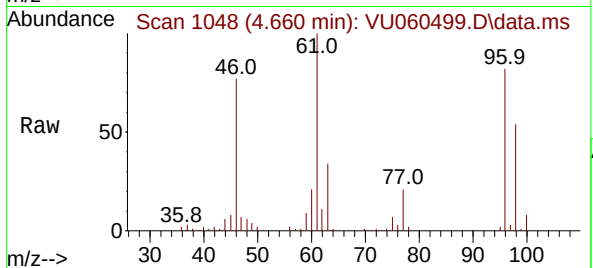
Tgt Ion: 43 Resp: 74111
Ion Ratio Lower Upper
43 100
72 32.0 15.9 47.6



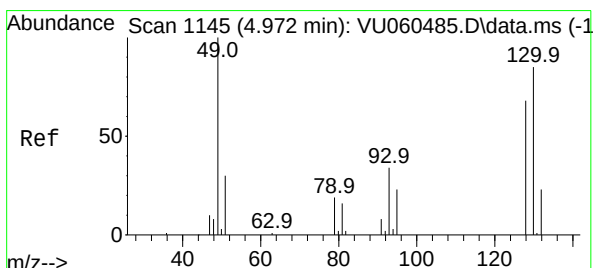
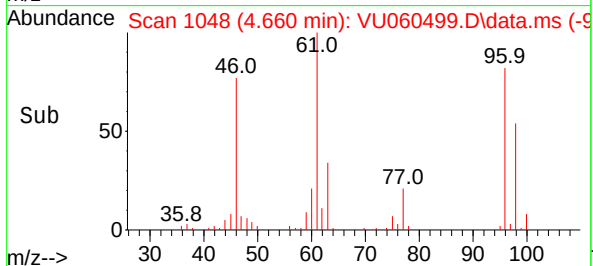
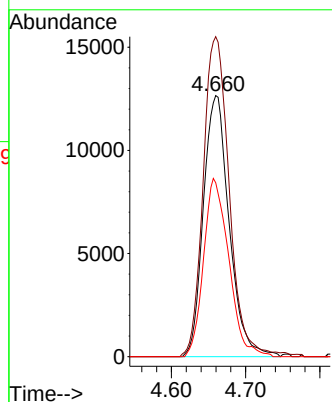


#22
 cis-1,2-Dichloroethene
 Concen: 4.285 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. -0.000 min
 Lab File: VU060499.D
 Acq: 20 Aug 2024 18:53

Instrument :
 MSVOA_U
 ClientSampleId :

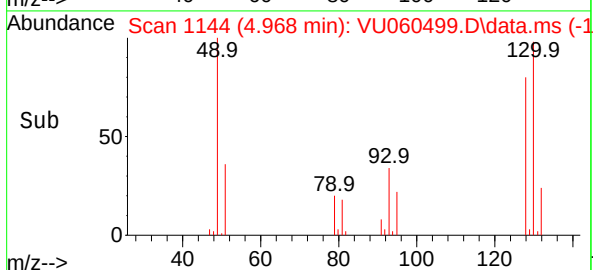
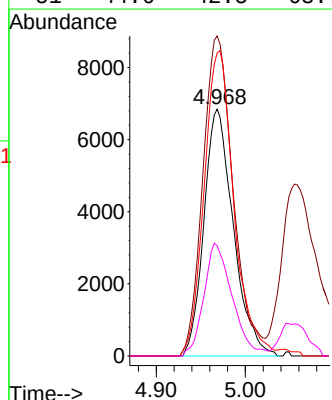
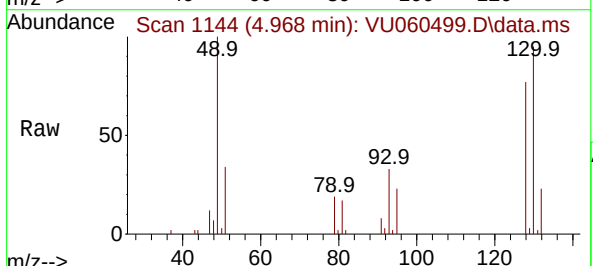


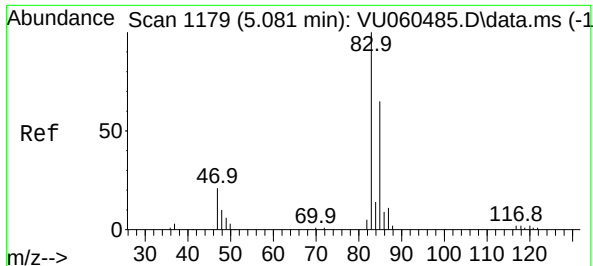
Tgt Ion: 96	Resp: 30601
Ion Ratio	Lower Upper
96	100
61	122.6 81.5 151.5
98	66.6 43.5 80.7



#23
 Bromochloromethane
 Concen: 4.770 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. -0.003 min
 Lab File: VU060499.D
 Acq: 20 Aug 2024 18:53

Tgt Ion: 128	Resp: 15720
Ion Ratio	Lower Upper
128	100
49	129.6 101.0 187.6
130	122.8 92.7 172.1
51	44.6 42.5 63.7





#25

Chloroform

Concen: 4.708 ug/L

RT: 5.081 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VU060499.D

Acq: 20 Aug 2024 18:53

Instrument :

MSVOA_U

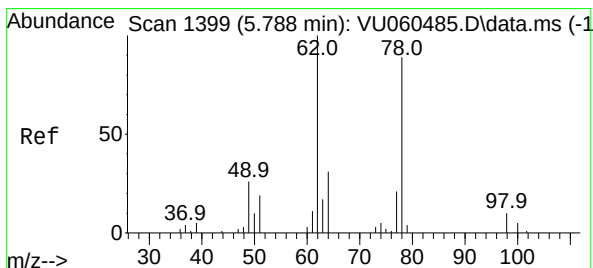
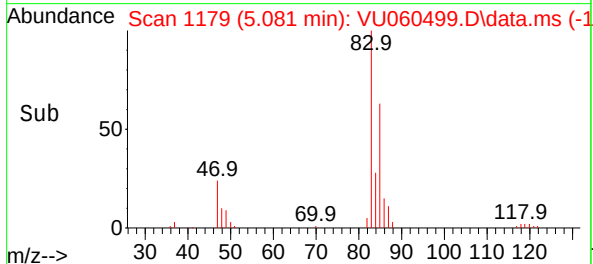
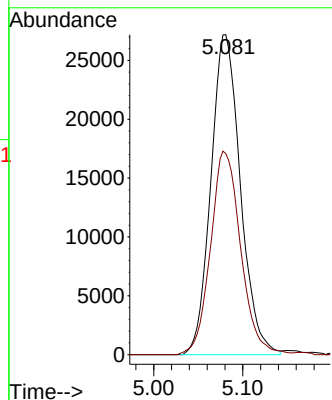
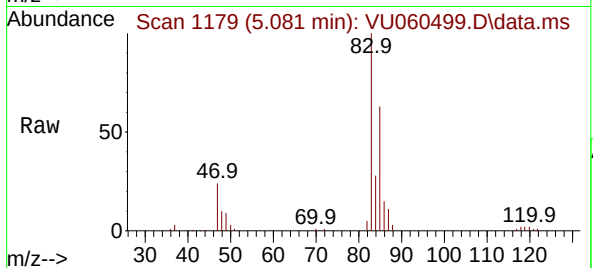
ClientSampleId :

Tgt Ion: 83 Resp: 62544

Ion Ratio Lower Upper

83 100

85 62.8 45.6 84.6



#27

1,2-Dichloroethane

Concen: 5.325 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. -0.000 min

Lab File: VU060499.D

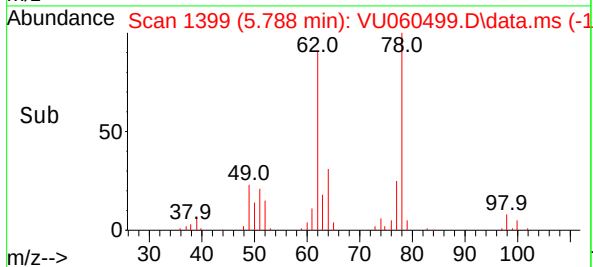
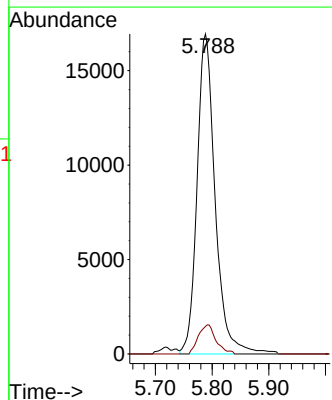
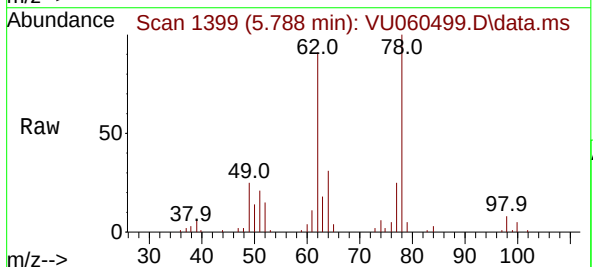
Acq: 20 Aug 2024 18:53

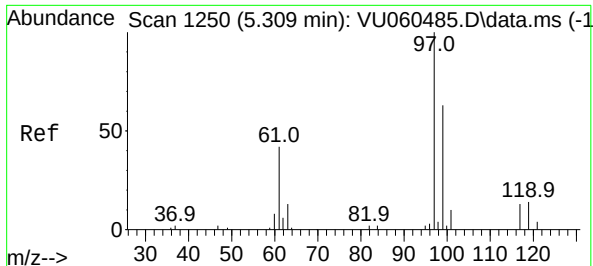
Tgt Ion: 62 Resp: 37625

Ion Ratio Lower Upper

62 100

98 8.6 9.0 13.6#

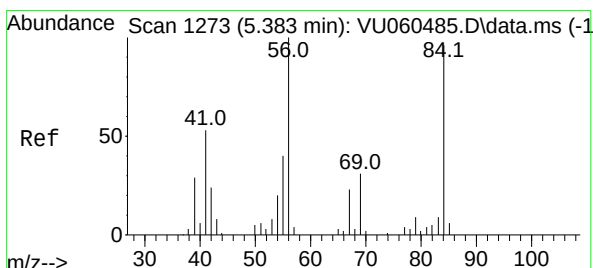
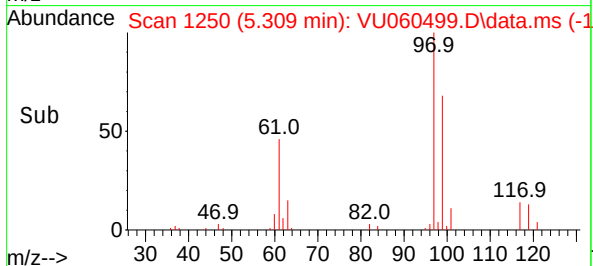
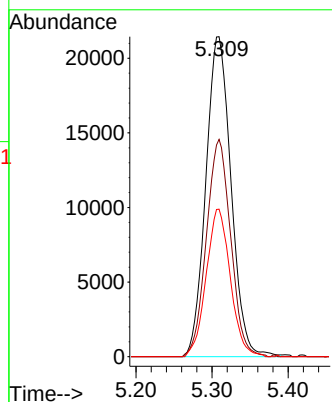
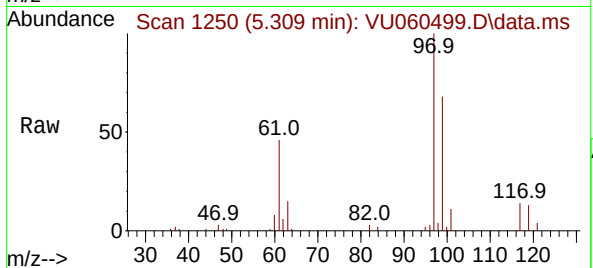




#29
1,1,1-Trichloroethane
Concen: 4.644 ug/L
RT: 5.309 min Scan# 1250
Delta R.T. -0.000 min
Lab File: VU060499.D
Acq: 20 Aug 2024 18:53

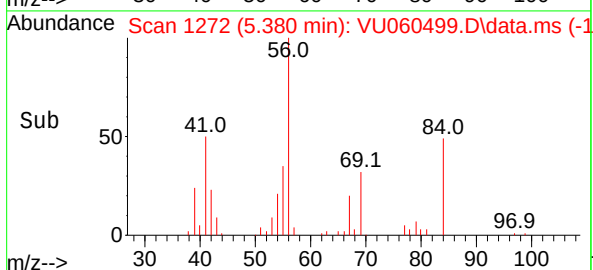
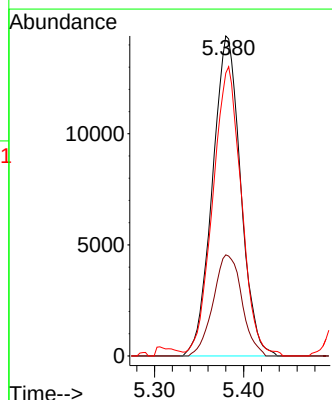
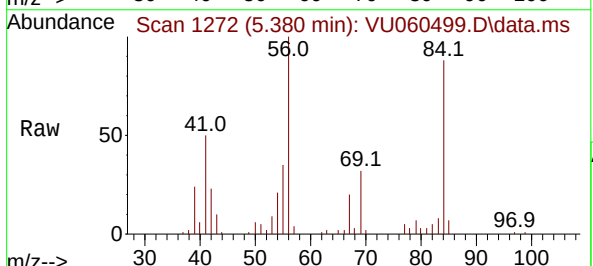
Instrument :
MSVOA_U
ClientSampleId :

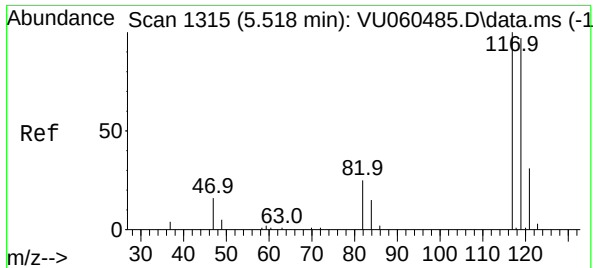
Tgt Ion: 97 Resp: 49474
Ion Ratio Lower Upper
97 100
99 65.3 51.4 77.2
61 44.2 33.0 49.6



#30
Cyclohexane
Concen: 3.671 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. -0.003 min
Lab File: VU060499.D
Acq: 20 Aug 2024 18:53

Tgt Ion: 56 Resp: 31658
Ion Ratio Lower Upper
56 100
69 32.1 24.7 37.1
84 91.7 70.7 106.1

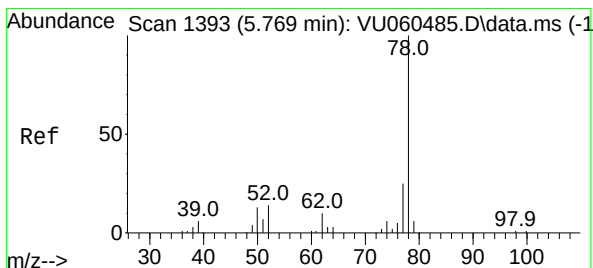
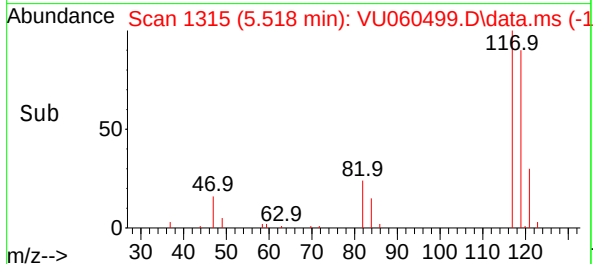
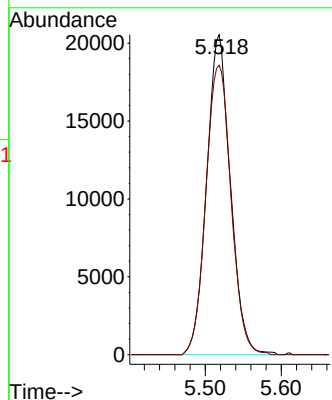
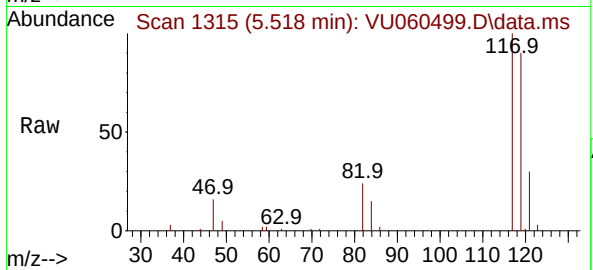




#31
Carbon tetrachloride
Concen: 4.772 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VU060499.D
Acq: 20 Aug 2024 18:53

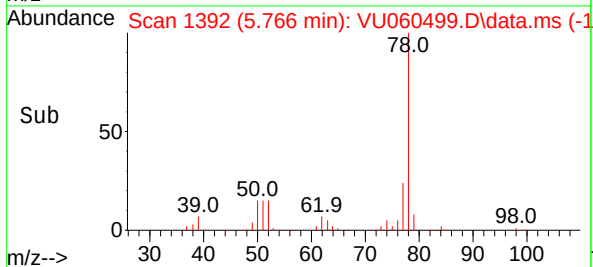
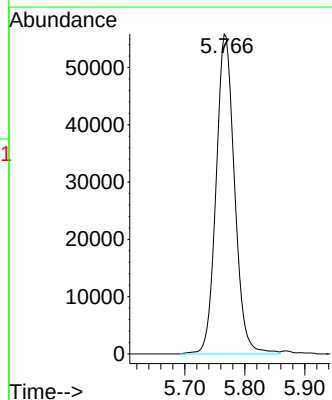
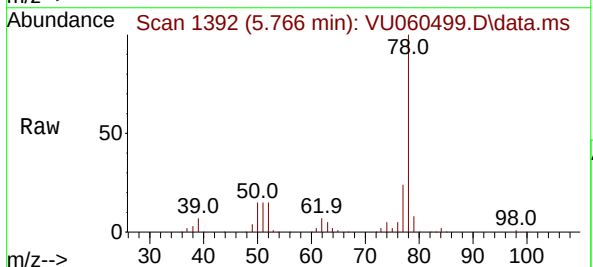
Instrument :
MSVOA_U
ClientSampleId :

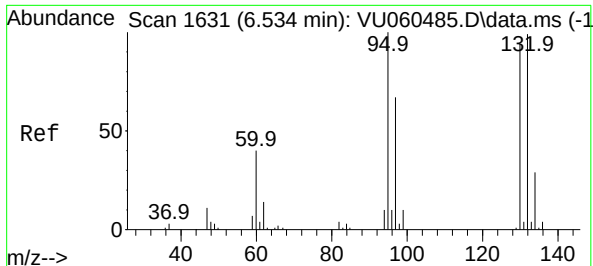
Tgt Ion:117 Resp: 44552
Ion Ratio Lower Upper
117 100
119 95.8 75.8 113.8



#33
Benzene
Concen: 4.254 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.003 min
Lab File: VU060499.D
Acq: 20 Aug 2024 18:53

Tgt Ion: 78 Resp: 119174

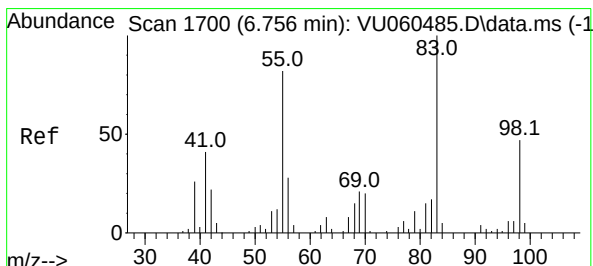
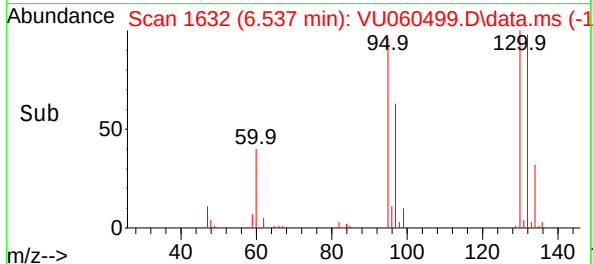
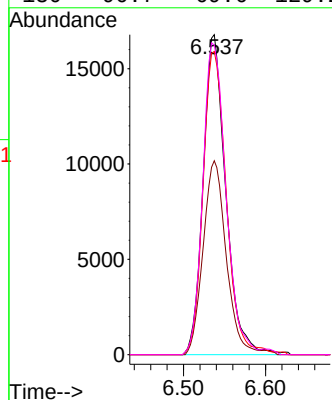
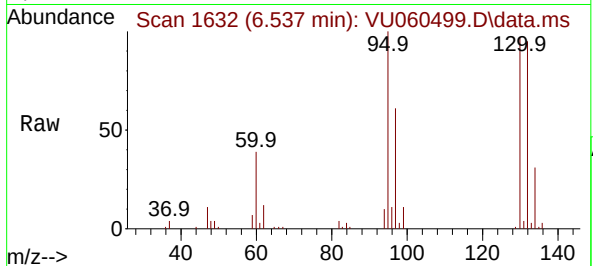




#34
Trichloroethene
Concen: 4.391 ug/L
RT: 6.537 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU060499.D
Acq: 20 Aug 2024 18:53

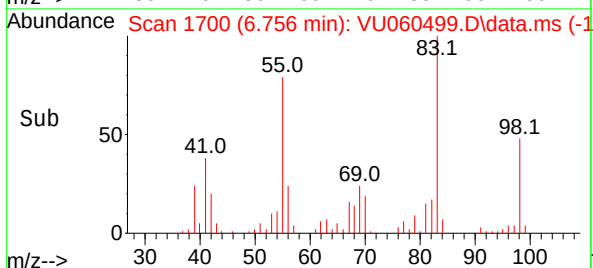
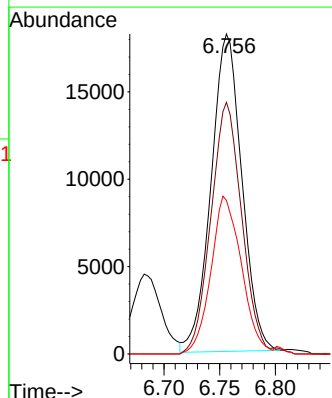
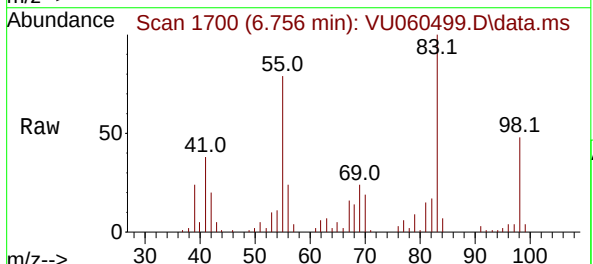
Instrument :
MSVOA_U
ClientSampleId :

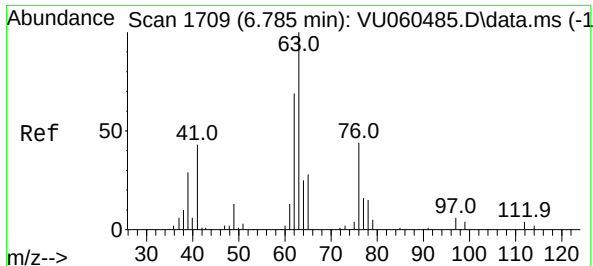
Tgt Ion: 95 Resp: 32202
Ion Ratio Lower Upper
95 100
97 60.6 43.6 81.0
132 94.8 67.1 124.5
130 96.7 69.6 129.2



#35
Methylcyclohexane
Concen: 3.649 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VU060499.D
Acq: 20 Aug 2024 18:53

Tgt Ion: 83 Resp: 34943
Ion Ratio Lower Upper
83 100
55 79.7 62.4 93.6
98 49.3 37.3 55.9

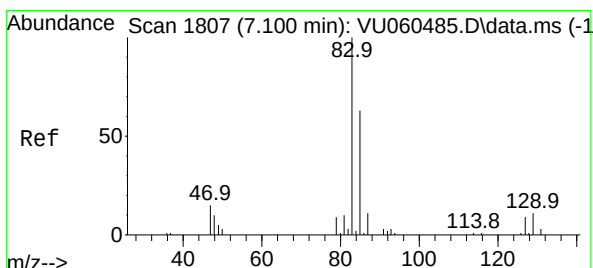
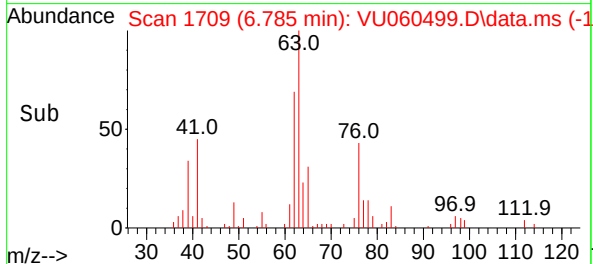
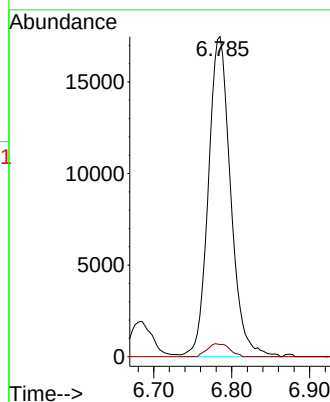
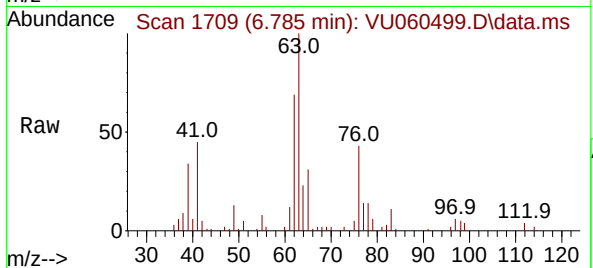




#37
1,2-Dichloropropane
Concen: 4.559 ug/L
RT: 6.785 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU060499.D
Acq: 20 Aug 2024 18:53

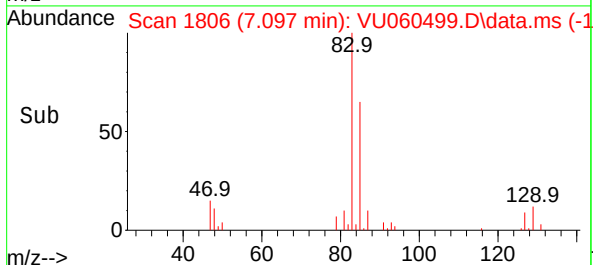
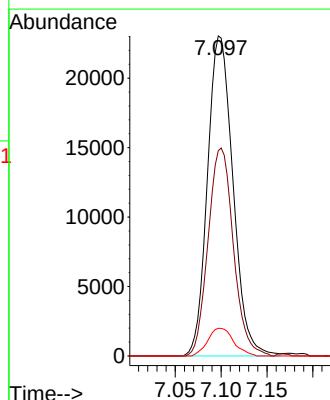
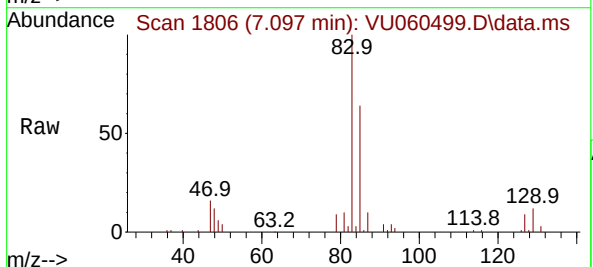
Instrument :
MSVOA_U
ClientSampleId :

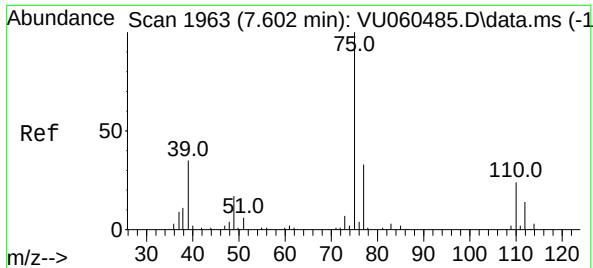
Tgt Ion: 63 Resp: 34759
Ion Ratio Lower Upper
63 100
112 4.0 3.3 4.9



#38
Bromodichloromethane
Concen: 4.737 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.003 min
Lab File: VU060499.D
Acq: 20 Aug 2024 18:53

Tgt Ion: 83 Resp: 44640
Ion Ratio Lower Upper
83 100
85 64.2 42.4 78.8
127 8.7 7.0 10.4

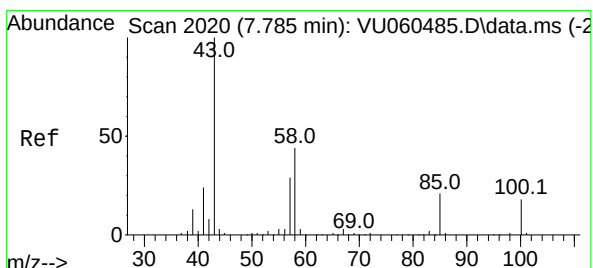
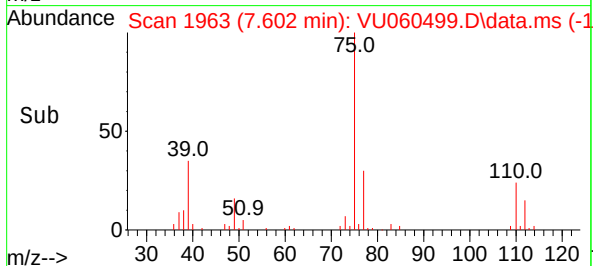
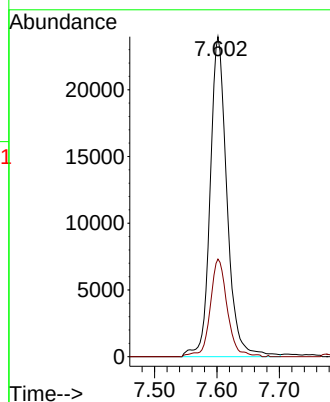
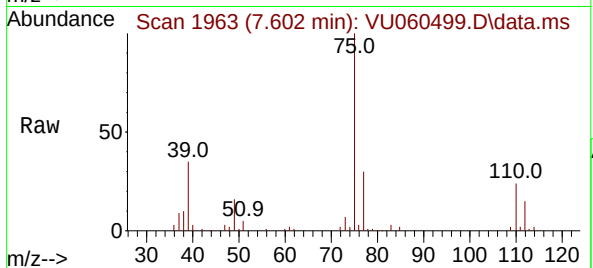




#39
 cis-1,3-Dichloropropene
 Concen: 4.346 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. -0.000 min
 Lab File: VU060499.D
 Acq: 20 Aug 2024 18:53

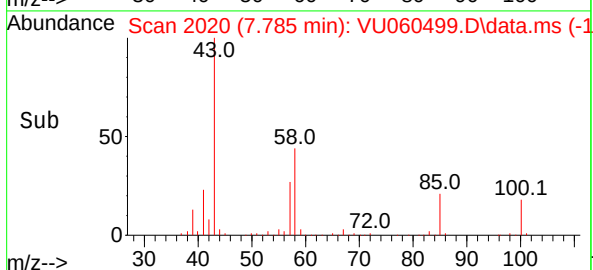
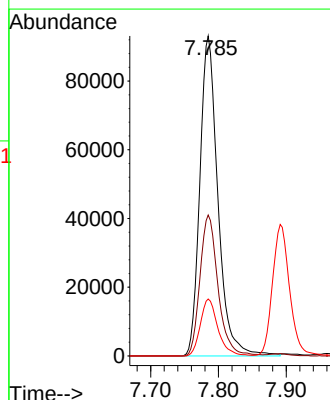
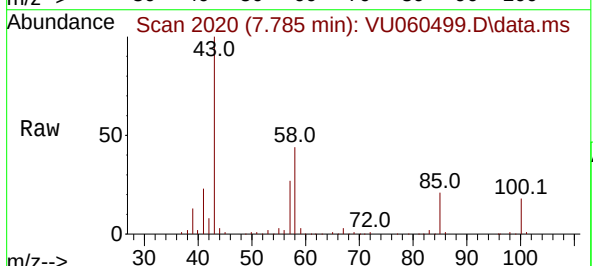
Instrument :
 MSVOA_U
 ClientSampleId :

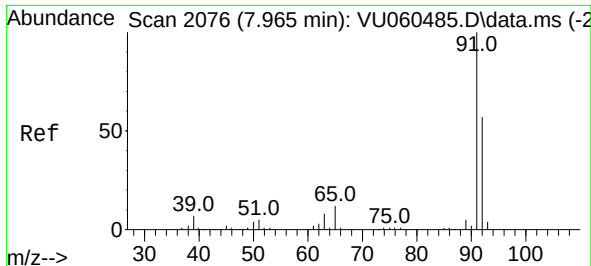
Tgt Ion: 75 Resp: 45010
 Ion Ratio Lower Upper
 75 100
 77 30.5 22.5 41.9



#40
 4-Methyl-2-pentanone
 Concen: 48.415 ug/L
 RT: 7.785 min Scan# 2020
 Delta R.T. -0.000 min
 Lab File: VU060499.D
 Acq: 20 Aug 2024 18:53

Tgt Ion: 43 Resp: 172324
 Ion Ratio Lower Upper
 43 100
 58 44.0 36.6 55.0
 100 17.4 14.1 21.1





#42

Toluene

Concen: 4.513 ug/L

RT: 7.962 min Scan# 2076

Delta R.T. -0.003 min

Lab File: VU060499.D

Acq: 20 Aug 2024 18:53

Instrument :

MSVOA_U

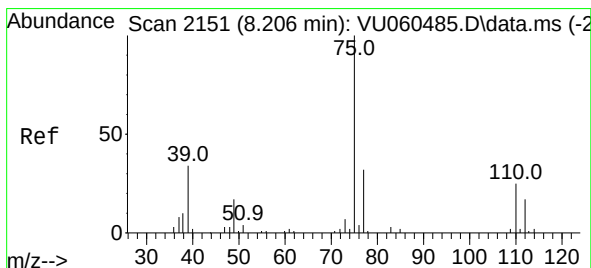
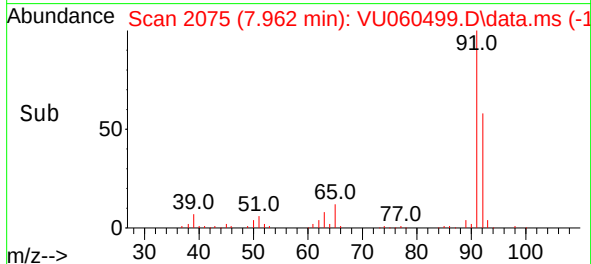
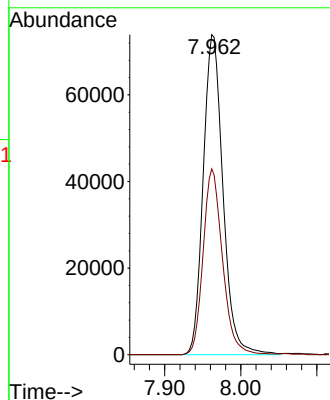
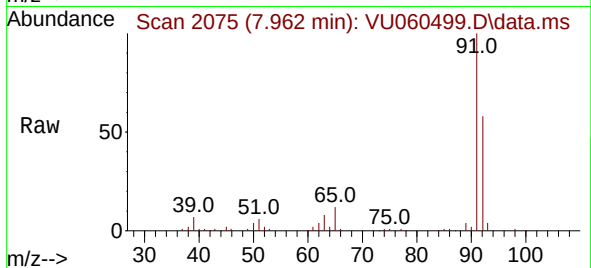
ClientSampleId :

Tgt Ion: 91 Resp: 133605

Ion Ratio Lower Upper

91 100

92 58.1 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 4.526 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. -0.000 min

Lab File: VU060499.D

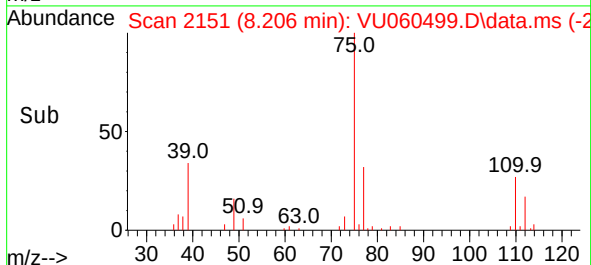
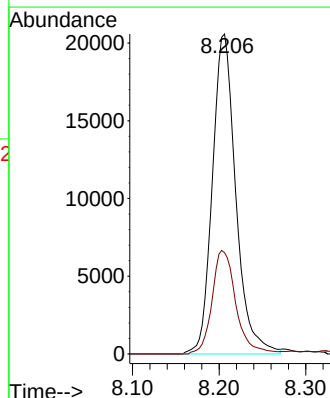
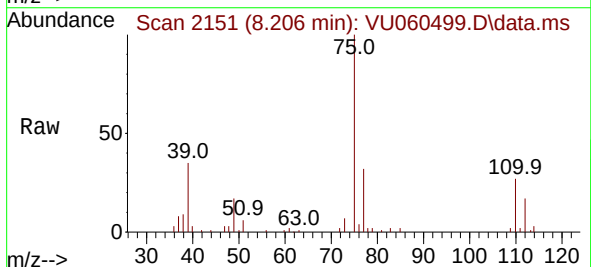
Acq: 20 Aug 2024 18:53

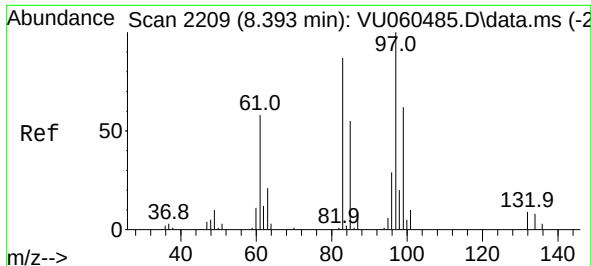
Tgt Ion: 75 Resp: 38721

Ion Ratio Lower Upper

75 100

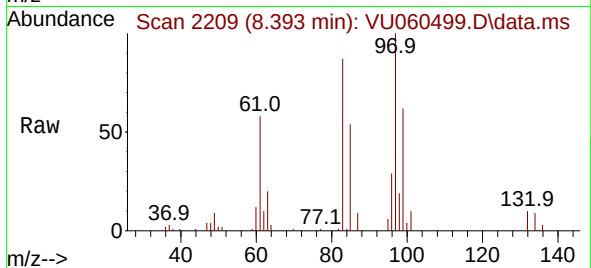
77 31.6 25.0 46.4



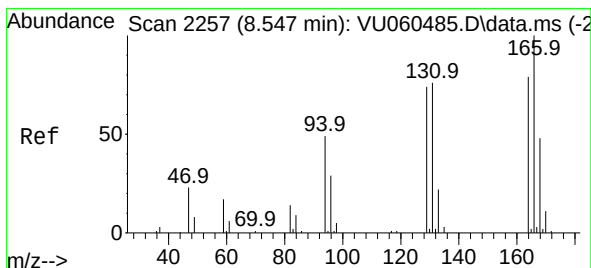
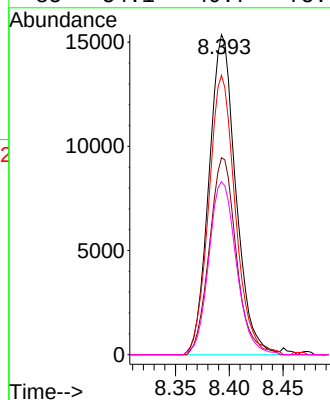
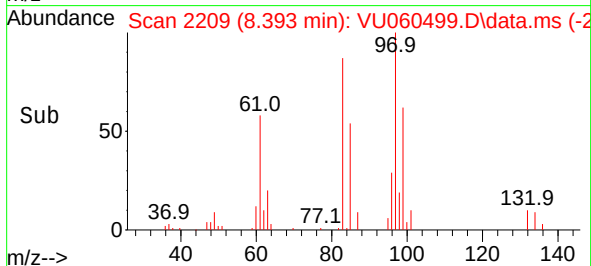


#45
1,1,2-Trichloroethane
Concen: 4.570 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VU060499.D
Acq: 20 Aug 2024 18:53

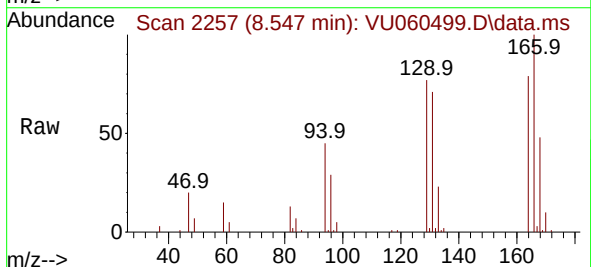
Instrument :
MSVOA_U
ClientSampleId :



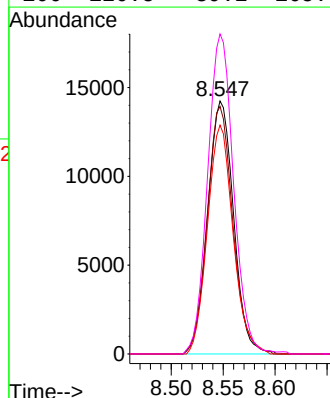
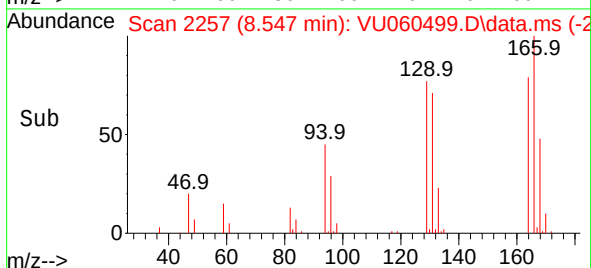
Tgt Ion: 97	Resp: 26688
Ion Ratio	Lower Upper
97 100	
99 61.5	45.8 85.0
83 87.3	61.7 114.5
85 54.1	40.7 75.7

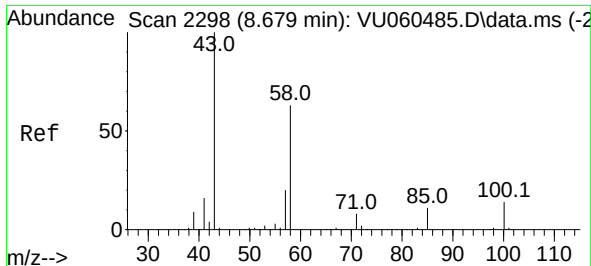


#47
Tetrachloroethene
Concen: 4.304 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU060499.D
Acq: 20 Aug 2024 18:53



Tgt Ion:164	Resp: 24691
Ion Ratio	Lower Upper
164 100	
129 97.8	69.0 128.1
131 90.5	62.6 116.3
166 126.5	89.2 165.8



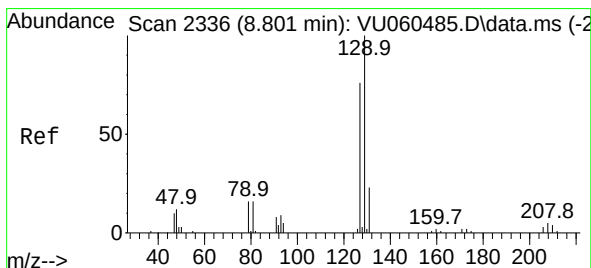
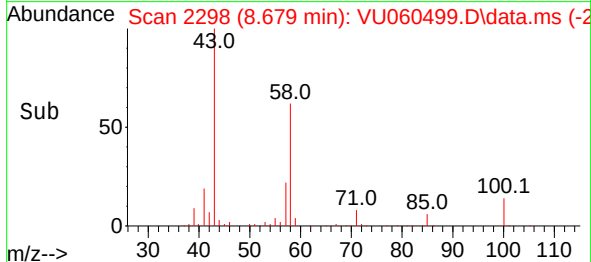
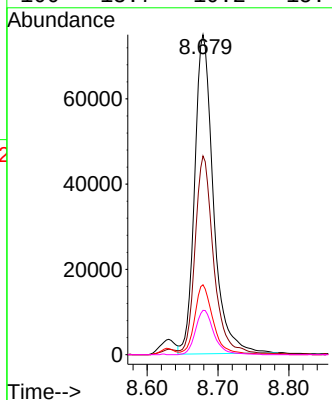
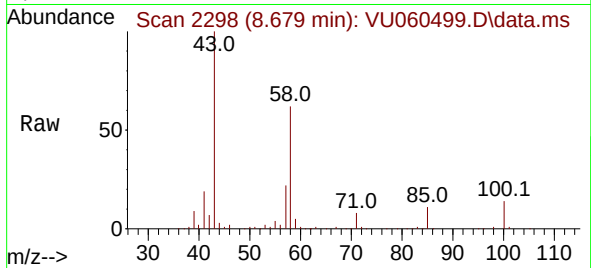


#48
2-Hexanone
Concen: 51.055 ug/L
RT: 8.679 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU060499.D
Acq: 20 Aug 2024 18:53

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 137759

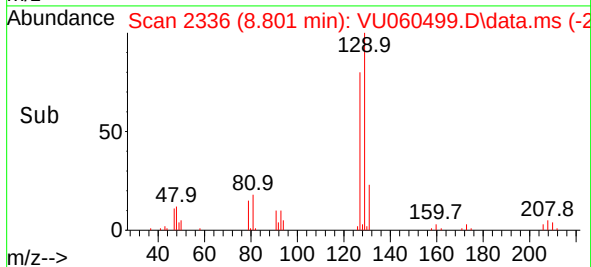
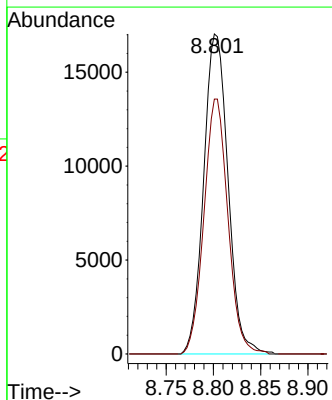
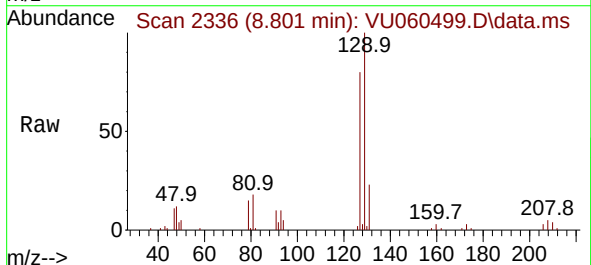
Ion	Ratio	Lower	Upper
43	100		
58	60.8	50.9	76.3
57	21.2	17.4	26.0
100	13.7	10.2	15.4

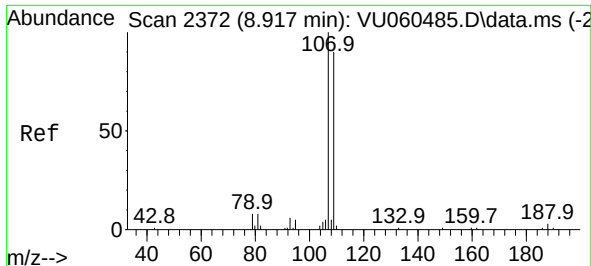


#49
Dibromochloromethane
Concen: 4.920 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VU060499.D
Acq: 20 Aug 2024 18:53

Tgt Ion: 129 Resp: 30549

Ion	Ratio	Lower	Upper
129	100		
127	79.6	51.9	96.3





#50

1,2-Dibromoethane

Concen: 4.648 ug/L

RT: 8.917 min Scan# 2372

Delta R.T. -0.000 min MSVOA_U

Lab File: VU060499.D

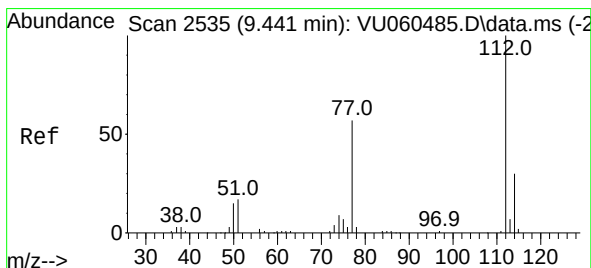
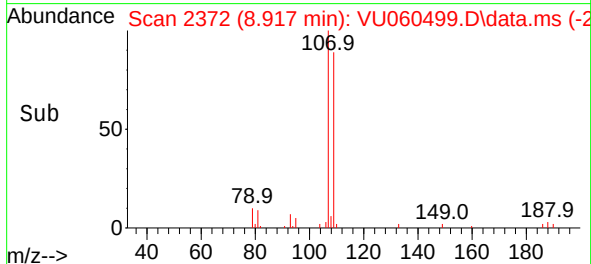
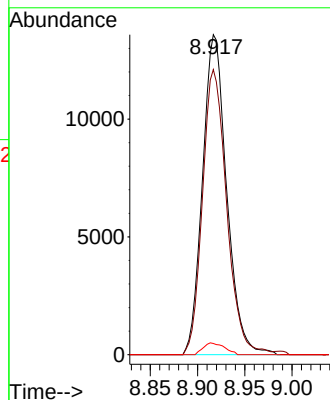
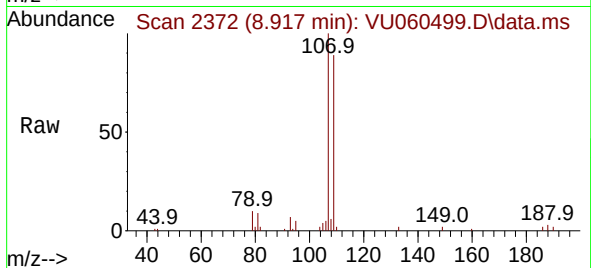
Acq: 20 Aug 2024 18:53

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:107	Resp:	24165
Ion Ratio	Lower	Upper
107	100	
109	89.1	64.8 120.3
188	3.5	2.6 3.8



#51

Chlorobenzene

Concen: 4.481 ug/L

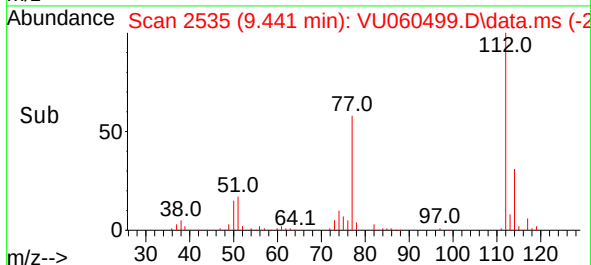
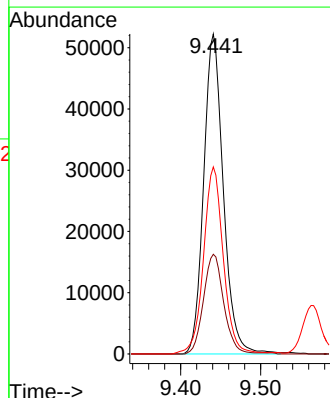
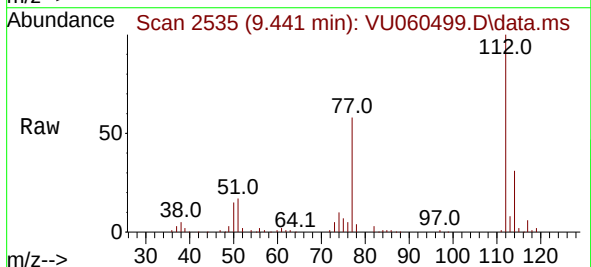
RT: 9.441 min Scan# 2535

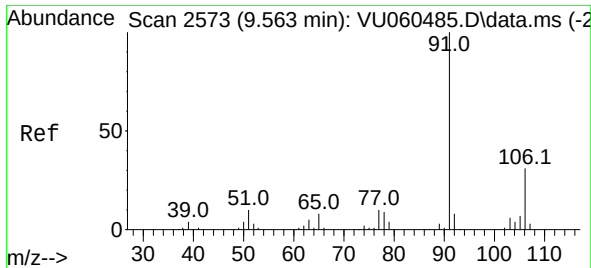
Delta R.T. -0.000 min

Lab File: VU060499.D

Acq: 20 Aug 2024 18:53

Tgt Ion:112	Resp:	89505
Ion Ratio	Lower	Upper
112	100	
114	31.2	21.3 39.5
77	58.4	44.6 67.0

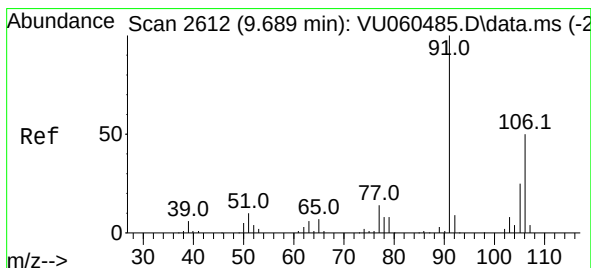
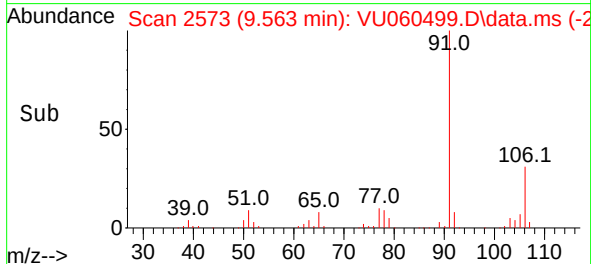
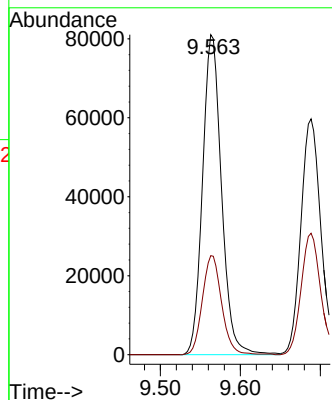
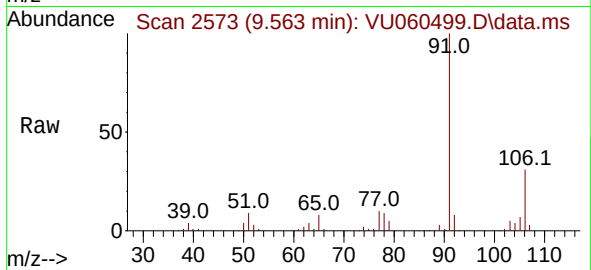




#52
Ethylbenzene
Concen: 4.293 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. -0.000 min
Lab File: VU060499.D
Acq: 20 Aug 2024 18:53

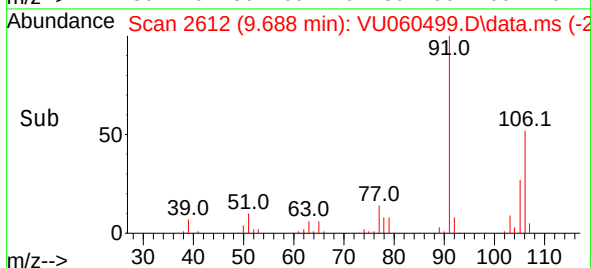
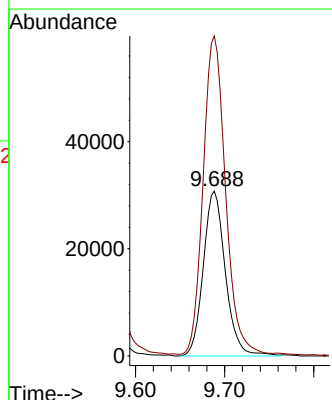
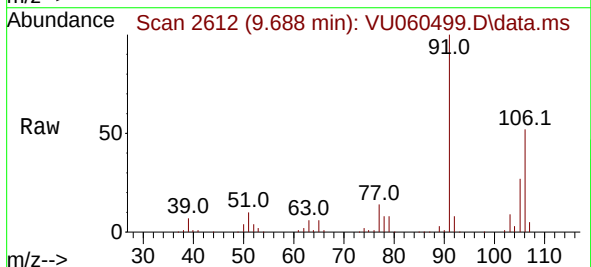
Instrument :
MSVOA_U
ClientSampleId :

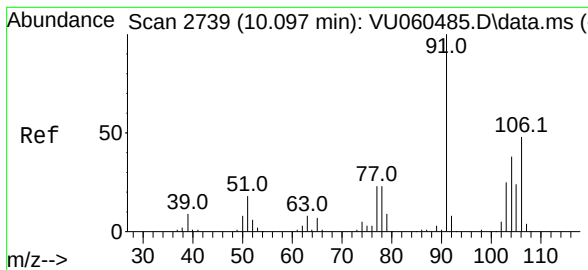
Tgt Ion: 91 Resp: 133887
Ion Ratio Lower Upper
91 100
106 31.0 21.6 40.2



#53
m,p-Xylene
Concen: 4.470 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. -0.000 min
Lab File: VU060499.D
Acq: 20 Aug 2024 18:53

Tgt Ion: 106 Resp: 52990
Ion Ratio Lower Upper
106 100
91 194.1 143.2 266.0

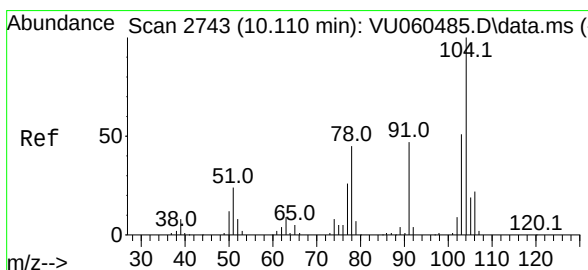
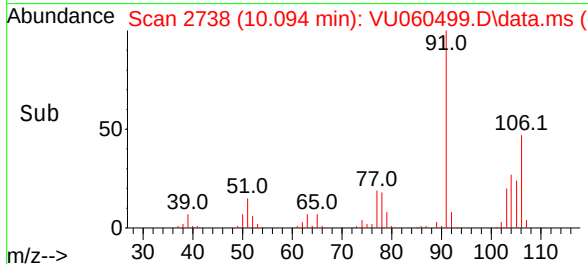
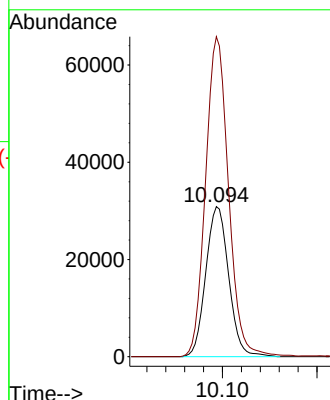
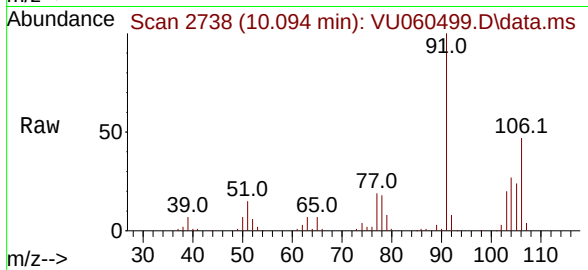




#54
o-Xylene
Concen: 4.588 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. -0.003 min
Lab File: VU060499.D
Acq: 20 Aug 2024 18:53

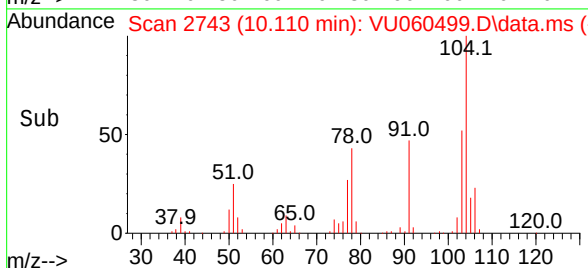
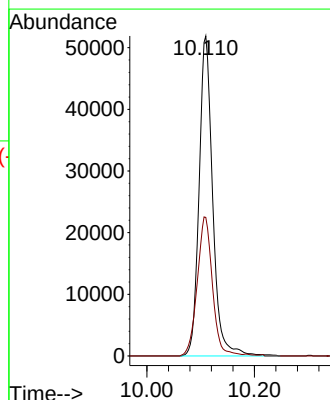
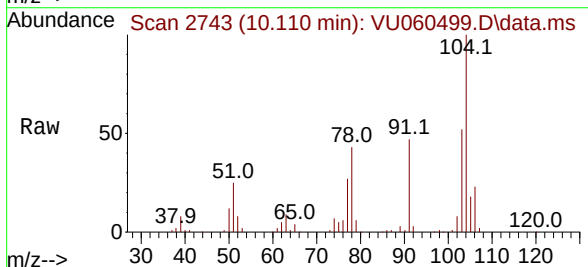
Instrument :
MSVOA_U
ClientSampleId :

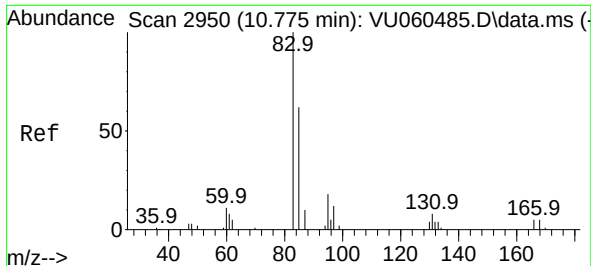
Tgt Ion:106 Resp: 52042
Ion Ratio Lower Upper
106 100
91 213.2 150.2 279.0



#55
Styrene
Concen: 4.651 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. -0.000 min
Lab File: VU060499.D
Acq: 20 Aug 2024 18:53

Tgt Ion:104 Resp: 91283
Ion Ratio Lower Upper
104 100
78 43.3 32.1 59.7





#57

1,1,2,2-Tetrachloroethane

Concen: 4.570 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU060499.D

Acq: 20 Aug 2024 18:53

Instrument :

MSVOA_U

ClientSampleId :

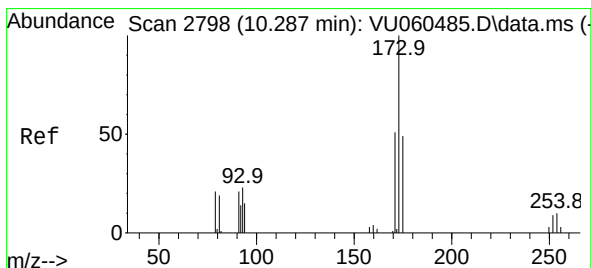
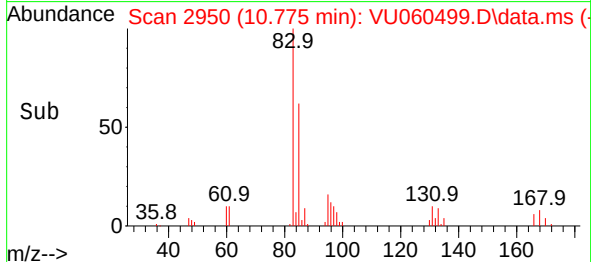
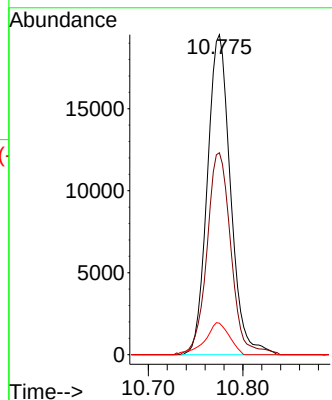
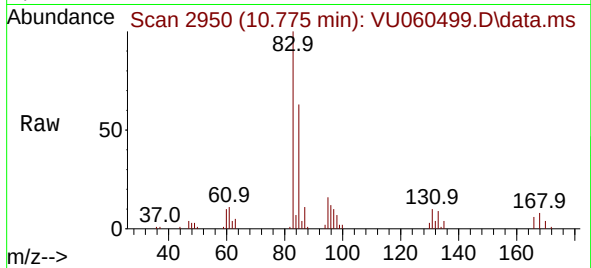
Tgt Ion: 83 Resp: 33186

Ion Ratio Lower Upper

83 100

85 63.1 46.1 85.5

131 9.8 7.6 11.4



#59

Bromoform

Concen: 4.538 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. -0.003 min

Lab File: VU060499.D

Acq: 20 Aug 2024 18:53

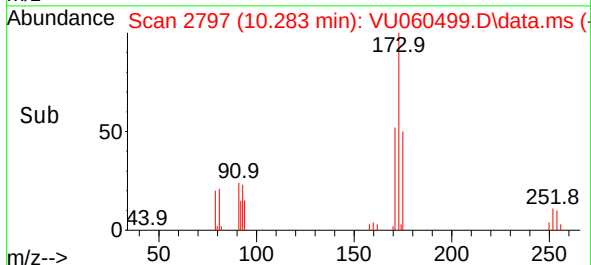
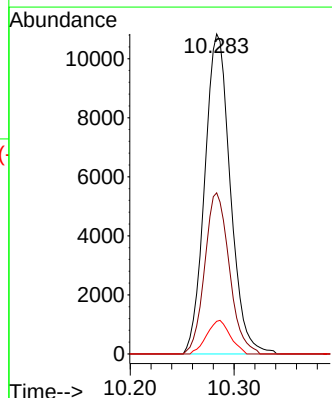
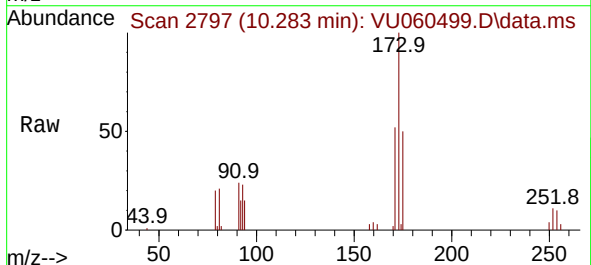
Tgt Ion:173 Resp: 18488

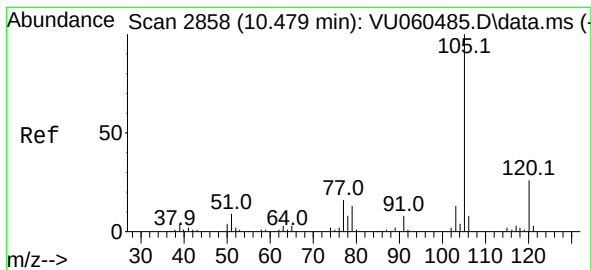
Ion Ratio Lower Upper

173 100

175 48.4 39.7 59.5

254 9.6 8.2 12.4





#60

Isopropylbenzene

Concen: 4.217 ug/L

RT: 10.476 min Scan# 2858

Delta R.T. -0.003 min

Lab File: VU060499.D

Acq: 20 Aug 2024 18:53

Instrument :

MSVOA_U

ClientSampleId :

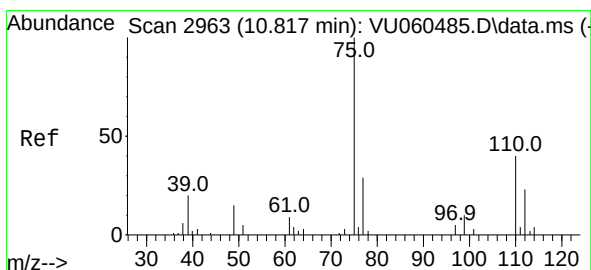
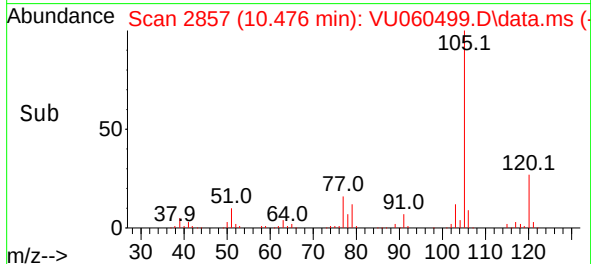
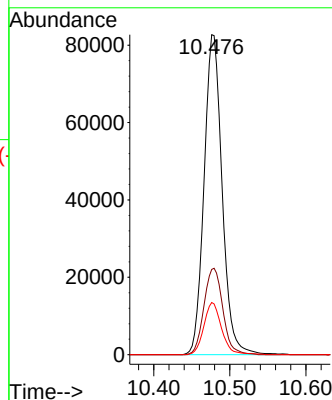
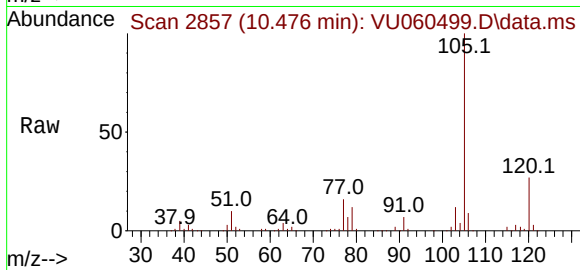
Tgt Ion:105 Resp: 136630

Ion Ratio Lower Upper

105 100

120 28.2 21.0 31.6

77 16.0 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 4.360 ug/L

RT: 10.817 min Scan# 2963

Delta R.T. -0.000 min

Lab File: VU060499.D

Acq: 20 Aug 2024 18:53

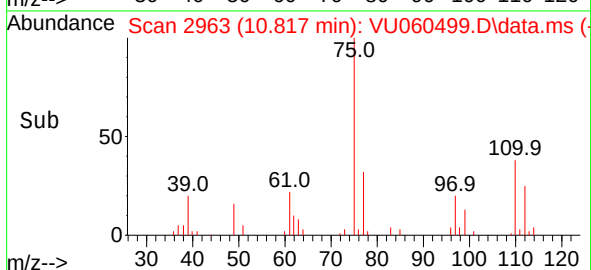
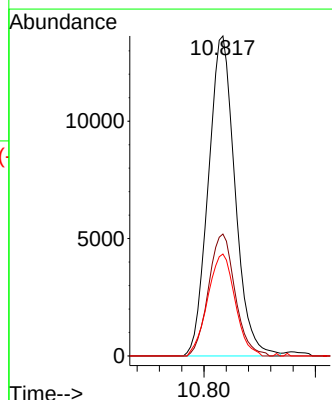
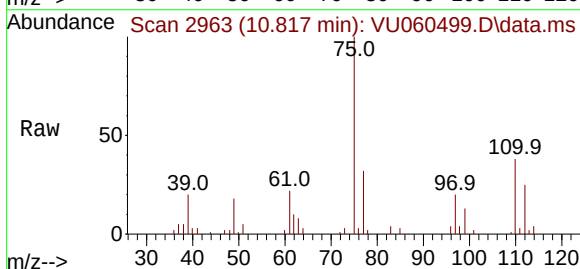
Tgt Ion: 75 Resp: 22648

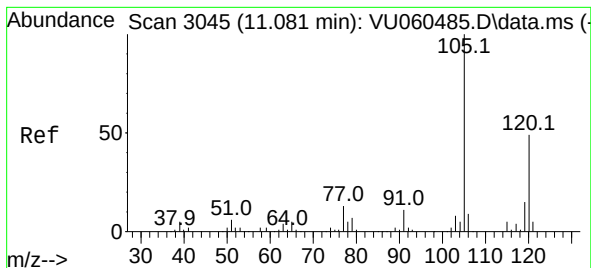
Ion Ratio Lower Upper

75 100

110 37.9 29.9 44.9

77 32.7 27.0 40.6





#62

1,3,5-Trimethylbenzene

Concen: 4.247 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. -0.000 min

Lab File: VU060499.D

Acq: 20 Aug 2024 18:53

Instrument :

MSVOA_U

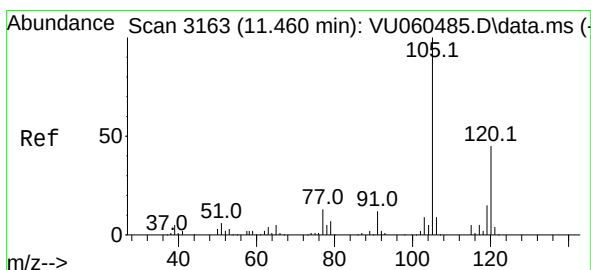
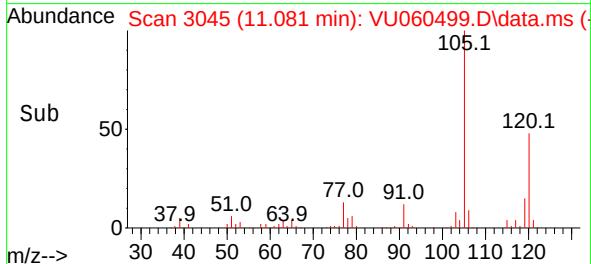
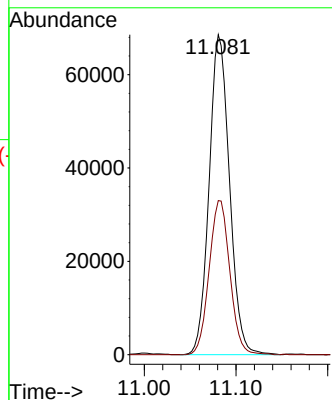
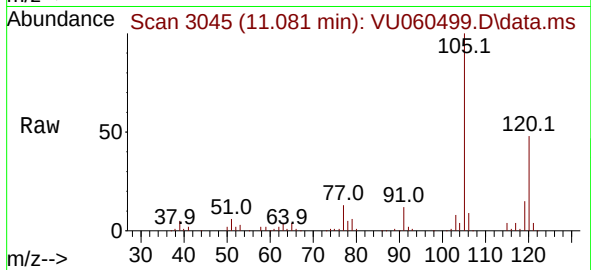
ClientSampleId :

Tgt Ion:105 Resp: 105932

Ion Ratio Lower Upper

105 100

120 48.9 39.3 58.9



#63

1,2,4-Trimethylbenzene

Concen: 4.277 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. 0.003 min

Lab File: VU060499.D

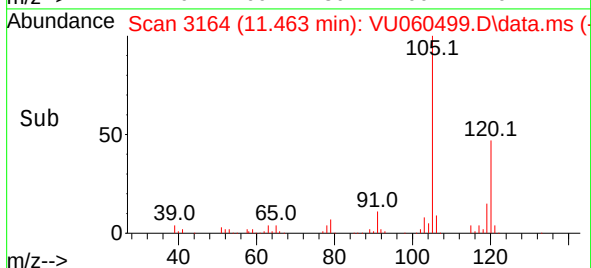
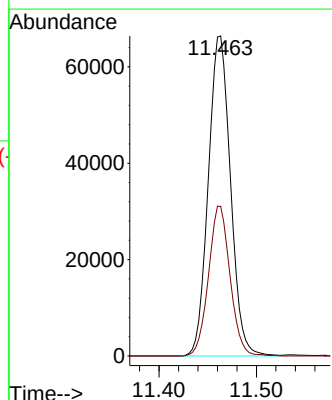
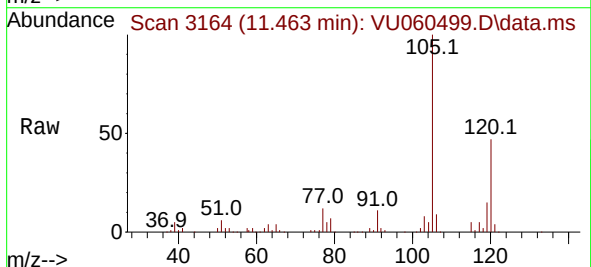
Acq: 20 Aug 2024 18:53

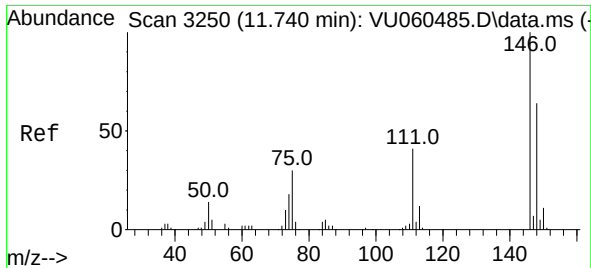
Tgt Ion:105 Resp: 105138

Ion Ratio Lower Upper

105 100

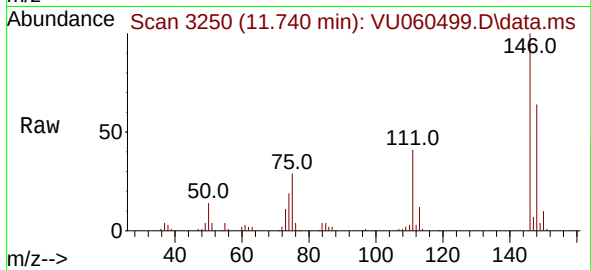
120 45.4 36.1 54.1



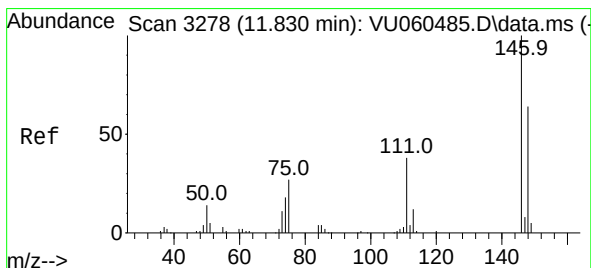
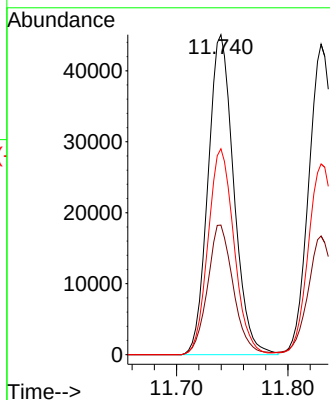
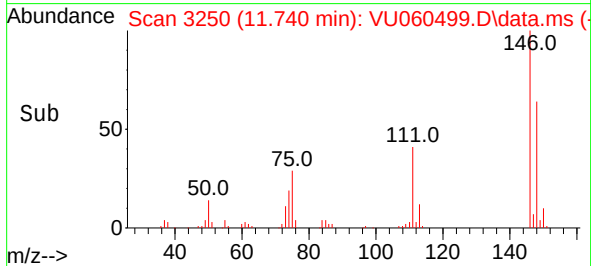


#64
1,3-Dichlorobenzene
Concen: 4.387 ug/L
RT: 11.740 min Scan# 3250
Delta R.T. -0.000 min
Lab File: VU060499.D
Acq: 20 Aug 2024 18:53

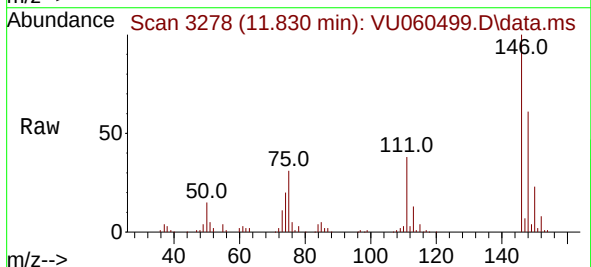
Instrument :
MSVOA_U
ClientSampleId :



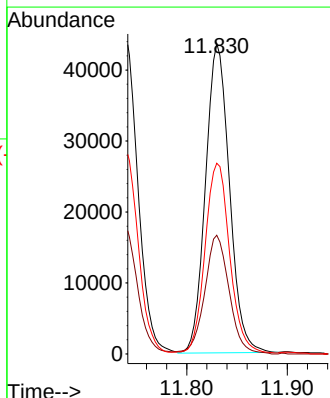
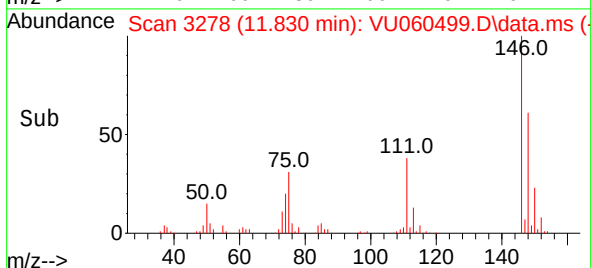
Tgt Ion:146 Resp: 72438
Ion Ratio Lower Upper
146 100
111 40.5 29.2 54.2
148 64.3 44.9 83.3

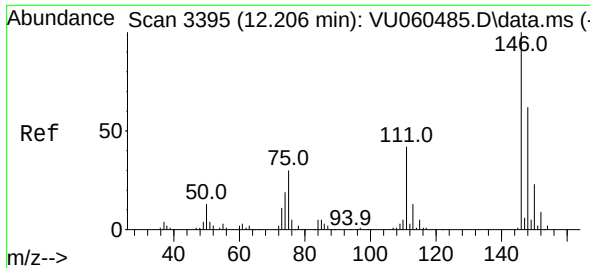


#65
1,4-Dichlorobenzene
Concen: 4.331 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. -0.000 min
Lab File: VU060499.D
Acq: 20 Aug 2024 18:53



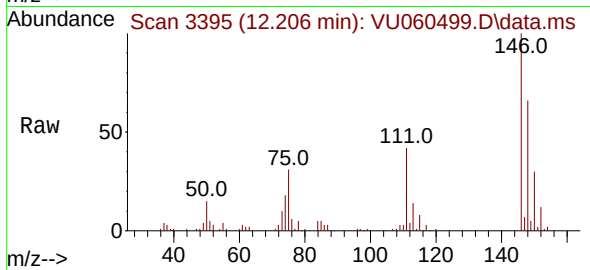
Tgt Ion:146 Resp: 72087
Ion Ratio Lower Upper
146 100
111 38.2 25.8 48.0
148 61.4 44.0 81.6



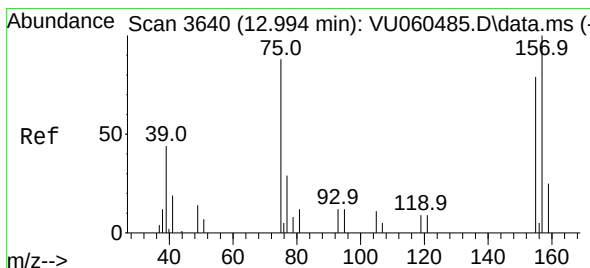
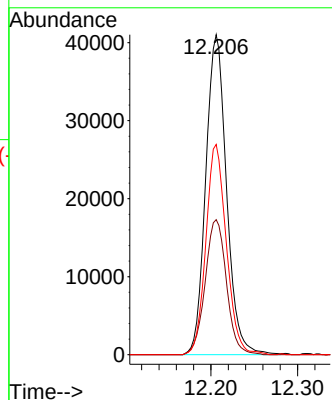
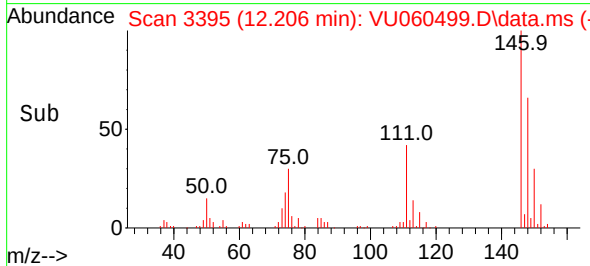


#67
1,2-Dichlorobenzene
Concen: 4.391 ug/L
RT: 12.206 min Scan# 3395
Delta R.T. -0.000 min
Lab File: VU060499.D
Acq: 20 Aug 2024 18:53

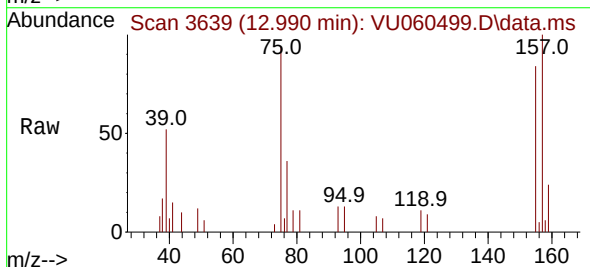
Instrument :
MSVOA_U
ClientSampleId :



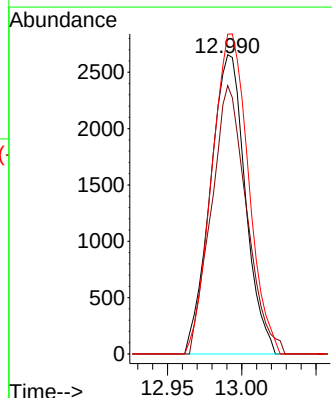
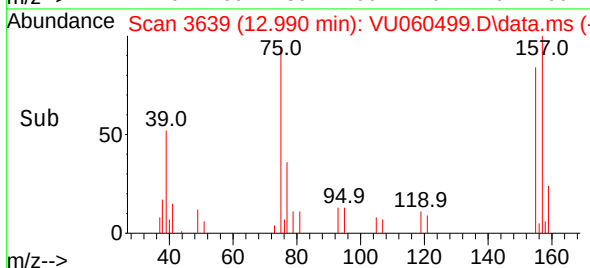
Tgt Ion:146 Resp: 68463
Ion Ratio Lower Upper
146 100
111 42.2 32.0 48.0
148 65.7 51.8 77.8

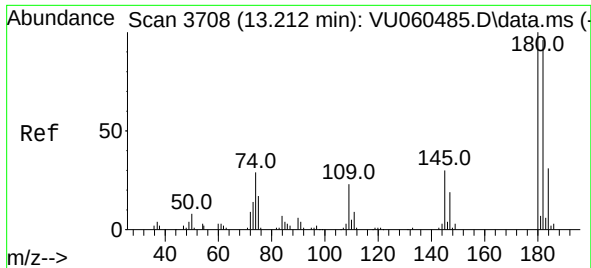


#68
1,2-Dibromo-3-chloropropane
Concen: 4.465 ug/L
RT: 12.990 min Scan# 3639
Delta R.T. -0.003 min
Lab File: VU060499.D
Acq: 20 Aug 2024 18:53



Tgt Ion: 75 Resp: 4348
Ion Ratio Lower Upper
75 100
155 89.6 64.3 96.5
157 106.9 88.0 132.0





#69

1,3,5-Trichlorobenzene

Concen: 4.086 ug/L

RT: 13.212 min Scan# 3708

Delta R.T. -0.000 min

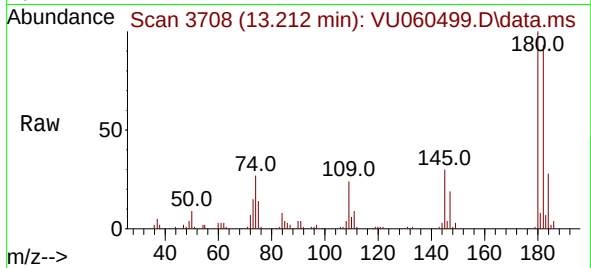
Lab File: VU060499.D

Acq: 20 Aug 2024 18:53

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 50986

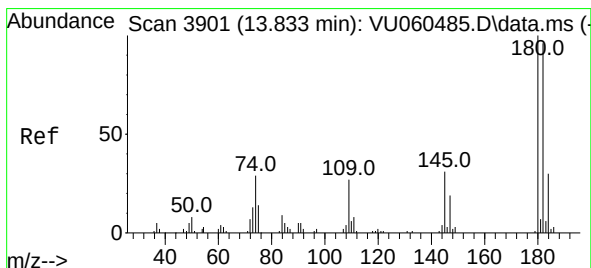
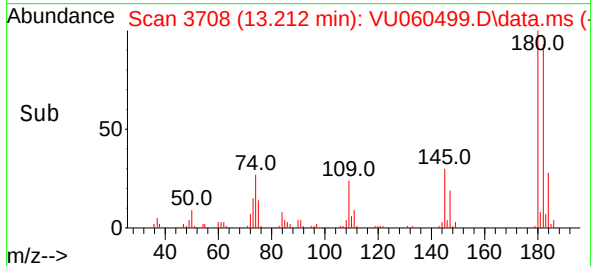
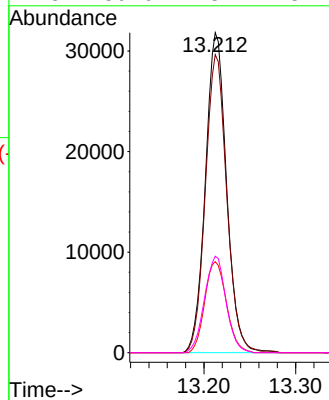
Ion Ratio Lower Upper

180 100

182 93.8 76.0 114.0

184 29.1 23.8 35.8

145 30.6 23.1 34.7



#70

1,2,4-trichlorobenzene

Concen: 3.845 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. -0.000 min

Lab File: VU060499.D

Acq: 20 Aug 2024 18:53

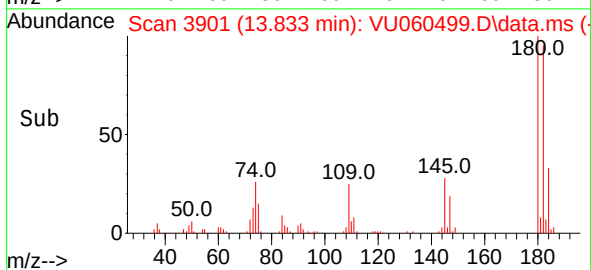
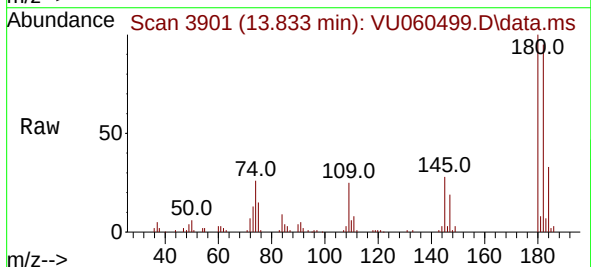
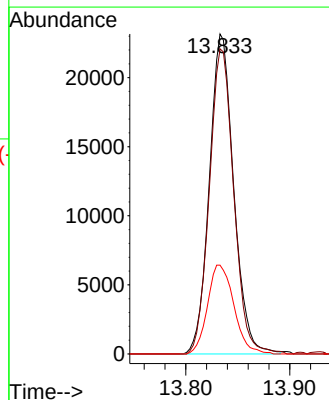
Tgt Ion:180 Resp: 37666

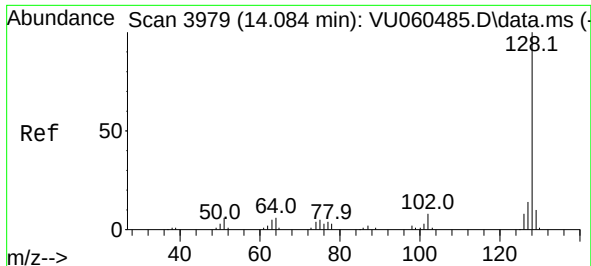
Ion Ratio Lower Upper

180 100

182 95.2 76.0 114.0

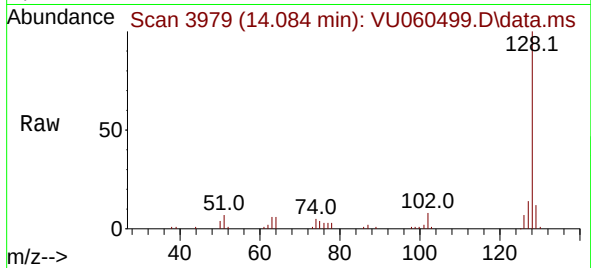
145 30.0 23.7 35.5



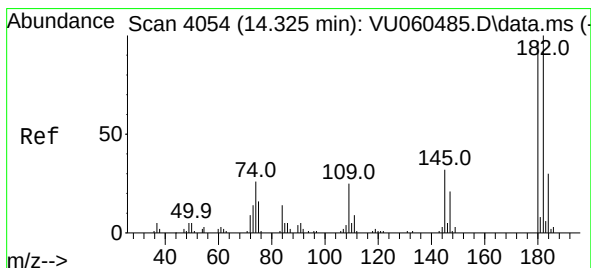
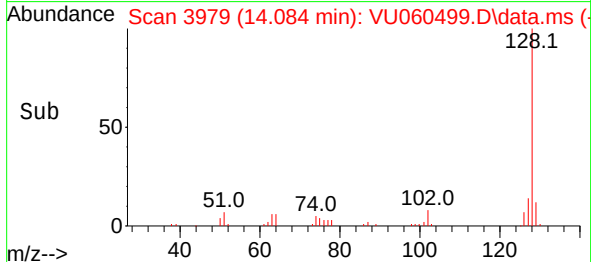
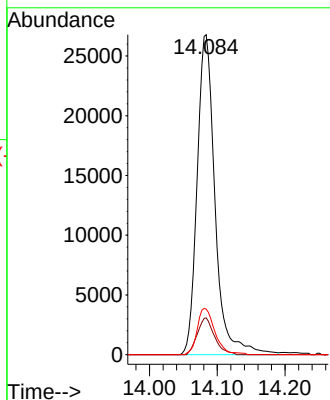


#71
Naphthalene
Concen: 3.534 ug/L
RT: 14.084 min Scan# 3979
Delta R.T. -0.000 min
Lab File: VU060499.D
Acq: 20 Aug 2024 18:53

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 49233
Ion Ratio Lower Upper
128 100
129 11.0 8.6 12.8
127 14.3 10.6 16.0



#72
1,2,3-Trichlorobenzene
Concen: 3.740 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. -0.003 min
Lab File: VU060499.D
Acq: 20 Aug 2024 18:53

Tgt Ion:180 Resp: 32828
Ion Ratio Lower Upper
180 100
182 99.4 75.7 113.5
145 31.8 23.7 35.5

