

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072924\
 Data File : VU060263.D
 Acq On : 29 Jul 2024 20:02
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 30 04:26:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jul 30 04:21:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	127963	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	135380	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	68668	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	47413	5.325	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.600%
7) Chloroethane-d5	1.907	69	40803	4.933	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.600%
11) 1,1-Dichloroethene-d2	2.560	65	17954	5.165	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	103.200%
20) 2-Butanone-d5	4.624	46	102123	49.062	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.120%
24) Chloroform-d	5.055	84	87630	4.683	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
26) 1,2-Dichloroethane-d4	5.695	65	41377	4.749	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
32) Benzene-d6	5.721	84	169686	4.678	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
36) 1,2-Dichloropropane-d6	6.682	67	55321	4.786	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.800%
41) Toluene-d8	7.891	98	158307	4.830	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.600%
43) trans-1,3-Dichloroprop...	8.174	79	19418	4.935	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.800%
46) 2-Hexanone-d5	8.627	63	76012	43.538	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.080%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	47280	4.596	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	53181	4.291	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	41921	4.332	ug/L	100
3) Chloromethane	1.518	50	56371	4.823	ug/L	98
5) Vinyl chloride	1.602	62	63813	4.870	ug/L	100
6) Bromomethane	1.853	94	38020	4.457	ug/L	96
8) Chloroethane	1.930	64	41614	4.862	ug/L	99
9) Trichlorofluoromethane	2.133	101	80718	4.885	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	52252	4.846	ug/L	96
12) 1,1-Dichloroethene	2.573	96	47040	4.816	ug/L	97
13) Acetone	2.637	43	82042	59.584	ug/L	96
14) Carbon disulfide	2.788	76	128391	4.514	ug/L	99
15) Methyl Acetate	2.952	43	21474	6.341	ug/L	96
16) Methylene chloride	3.039	84	69997	5.845	ug/L	91
17) Methyl tert-butyl Ether	3.358	73	118814	5.334	ug/L	95
18) trans-1,2-Dichloroethene	3.348	96	49521	4.874	ug/L	94
19) 1,1-Dichloroethane	3.862	63	105033	5.444	ug/L	99
21) 2-Butanone	4.705	43	131250	60.215	ug/L	97
22) cis-1,2-Dichloroethene	4.657	96	58657	5.155	ug/L	94
23) Bromochloromethane	4.972	128	26941	4.871	ug/L	90
25) Chloroform	5.081	83	108944	5.135	ug/L	100

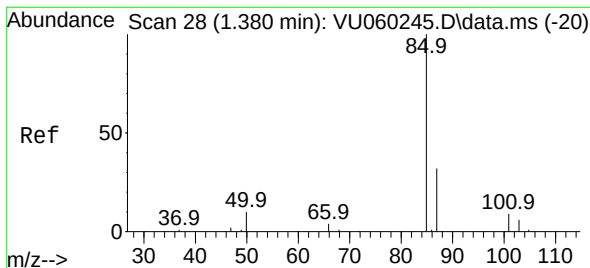
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	63617	5.246	ug/L	100
29) 1,1,1-Trichloroethane	5.309	97	85910	5.081	ug/L	99
30) Cyclohexane	5.383	56	68694	5.136	ug/L	91
31) Carbon tetrachloride	5.518	117	70551	4.836	ug/L	97
33) Benzene	5.766	78	231139	5.168	ug/L	100
34) Trichloroethene	6.537	95	58305	4.916	ug/L	92
35) Methylcyclohexane	6.756	83	70906	4.560	ug/L	91
37) 1,2-Dichloropropane	6.782	63	64757	5.360	ug/L	99
38) Bromodichloromethane	7.100	83	78190	5.165	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	80631	5.107	ug/L	98
40) 4-Methyl-2-pentanone	7.785	43	346010	64.718	ug/L	98
42) Toluene	7.962	91	246910	5.188	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	68766	5.214	ug/L	100
45) 1,1,2-Trichloroethane	8.393	97	48865	5.293	ug/L	98
47) Tetrachloroethene	8.547	164	42872	4.371	ug/L	95
48) 2-Hexanone	8.679	43	249669	63.779	ug/L	98
49) Dibromochloromethane	8.804	129	51703	5.062	ug/L	100
50) 1,2-Dibromoethane	8.917	107	43342	5.192	ug/L	100
51) Chlorobenzene	9.441	112	152271	4.897	ug/L	98
52) Ethylbenzene	9.566	91	240701	5.071	ug/L	98
53) m,p-Xylene	9.688	106	92036	5.019	ug/L	98
54) o-Xylene	10.094	106	89851	5.124	ug/L	97
55) Styrene	10.110	104	159310	5.338	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	61113	5.411	ug/L	100
59) Bromoform	10.283	173	31704	5.080	ug/L	97
60) Isopropylbenzene	10.479	105	235673	5.247	ug/L	98
61) 1,2,3-Trichloropropane	10.817	75	41149	5.684	ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	176669	5.148	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	168672	5.087	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	118438	4.901	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	117008	4.756	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	114037	4.930	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.991	75	8491	6.018	ug/L #	82
69) 1,3,5-Trichlorobenzene	13.216	180	80862	4.433	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	62165	4.478	ug/L	97
71) Naphthalene	14.084	128	94527	4.806	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	58404	4.678	ug/L	99

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



#2

Dichlorodifluoromethane

Concen: 4.332 ug/L

RT: 1.383 min Scan# 20

Delta R.T. 0.003 min

Lab File: VU060263.D

Acq: 29 Jul 2024 20:02

Instrument :

MSVOA_U

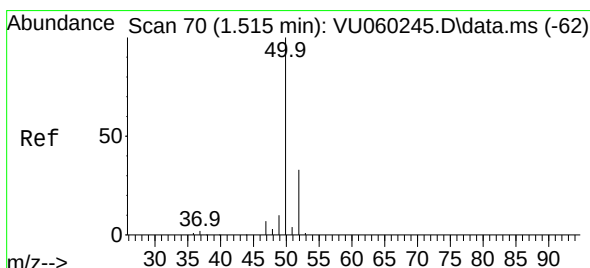
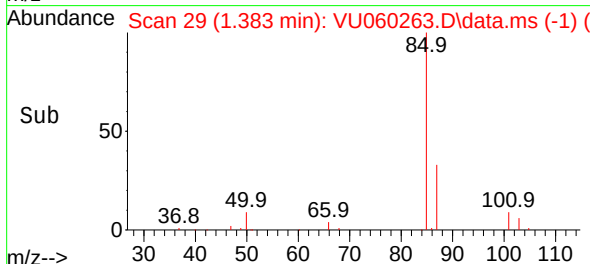
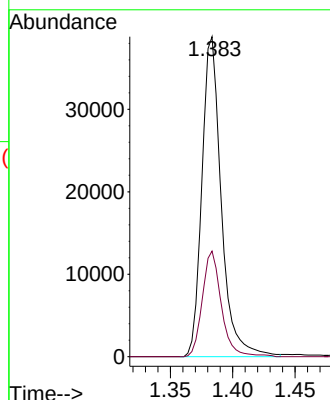
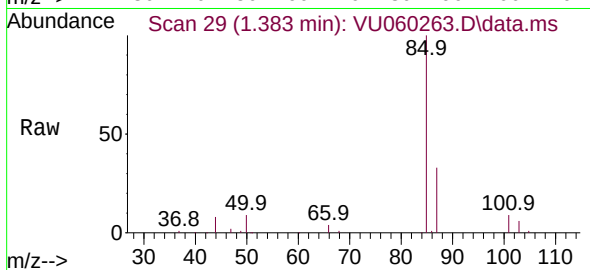
ClientSampleId :

Tgt Ion: 85 Resp: 41921

Ion Ratio Lower Upper

85 100

87 32.4 26.1 39.1



#3

Chloromethane

Concen: 4.823 ug/L

RT: 1.518 min Scan# 71

Delta R.T. 0.003 min

Lab File: VU060263.D

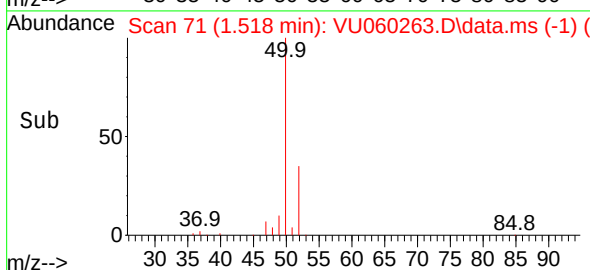
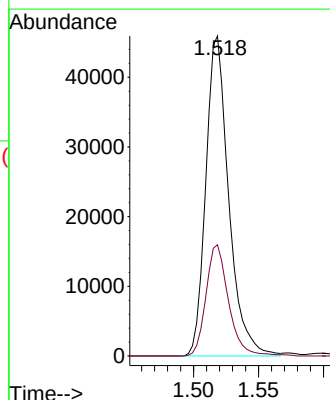
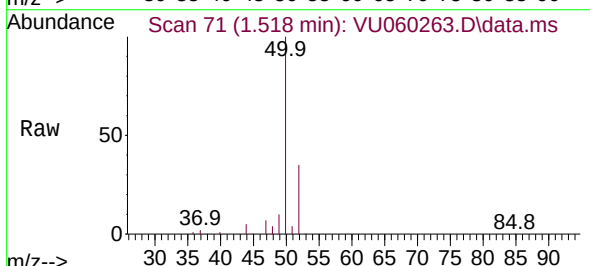
Acq: 29 Jul 2024 20:02

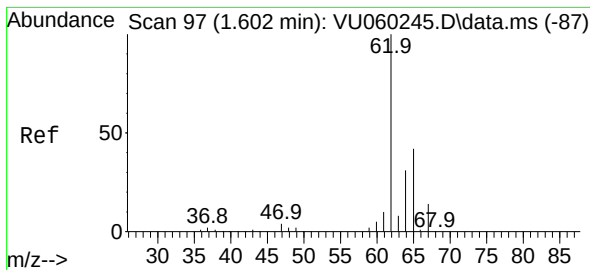
Tgt Ion: 50 Resp: 56371

Ion Ratio Lower Upper

50 100

52 34.8 23.4 43.4





#5

Vinyl chloride

Concen: 4.870 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.000 min

Lab File: VU060263.D

Acq: 29 Jul 2024 20:02

Instrument :

MSVOA_U

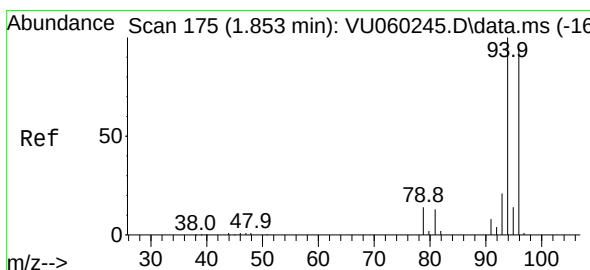
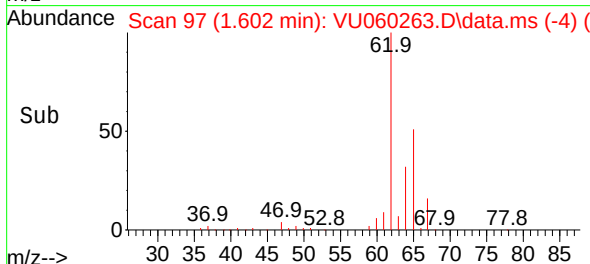
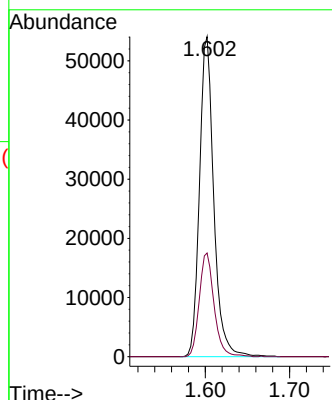
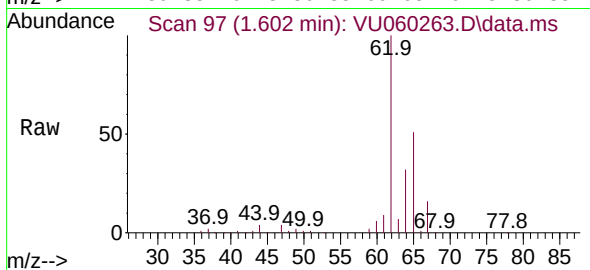
ClientSampleId :

Tgt Ion: 62 Resp: 63813

Ion Ratio Lower Upper

62 100

64 32.4 22.8 42.4



#6

Bromomethane

Concen: 4.457 ug/L

RT: 1.853 min Scan# 175

Delta R.T. 0.000 min

Lab File: VU060263.D

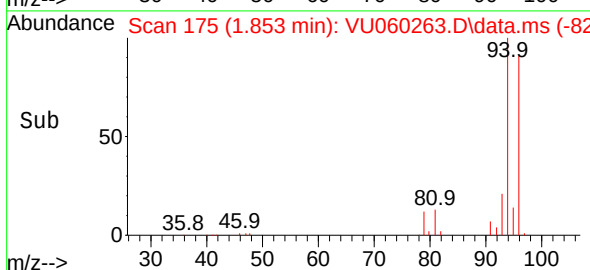
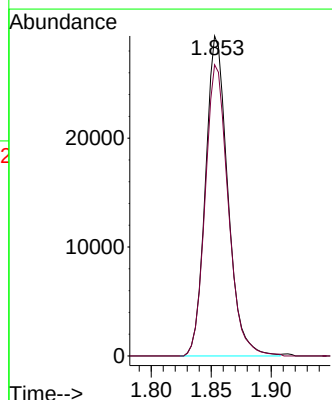
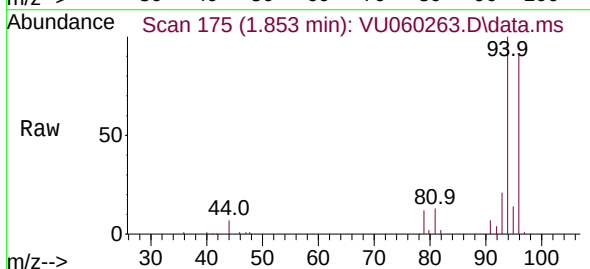
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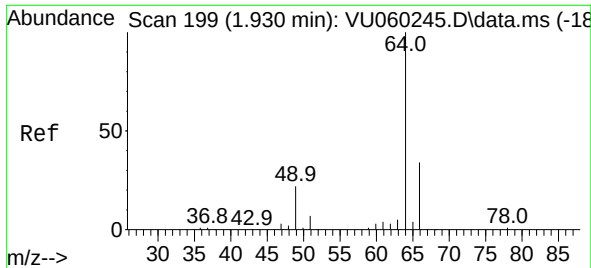
Tgt Ion: 94 Resp: 38020

Ion Ratio Lower Upper

94 100

96 91.0 66.6 123.6

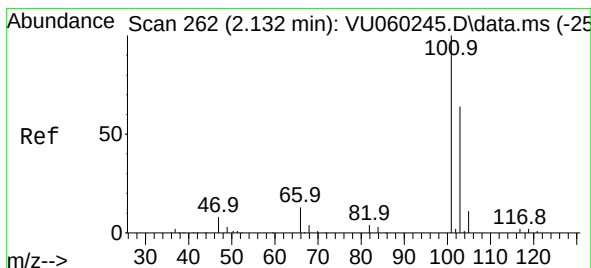
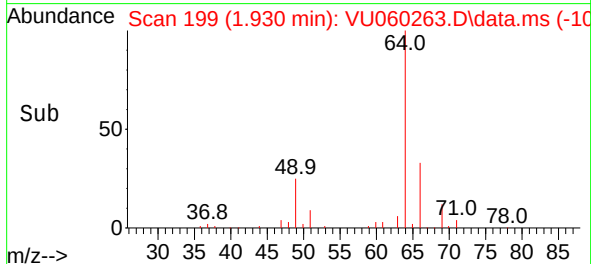
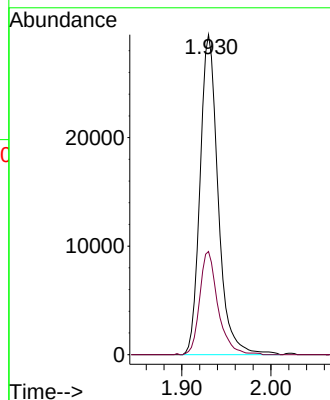
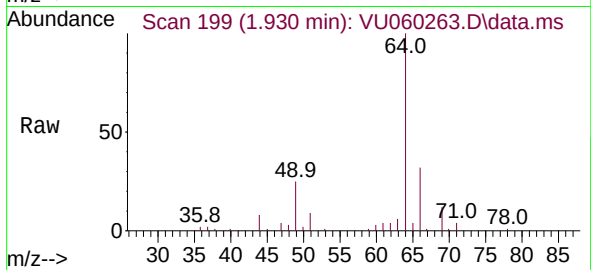




#8
Chloroethane
Concen: 4.862 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU060263.D
Acq: 29 Jul 2024 20:02

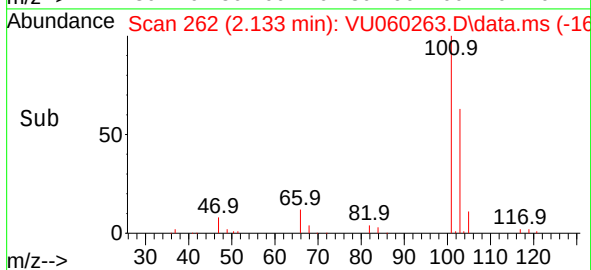
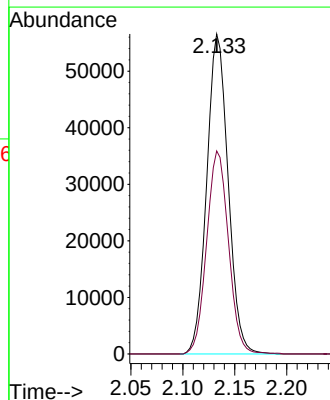
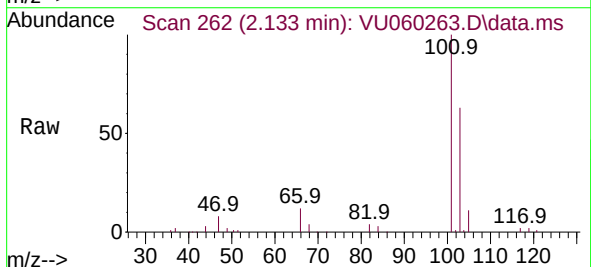
Instrument :
MSVOA_U
ClientSampleId :

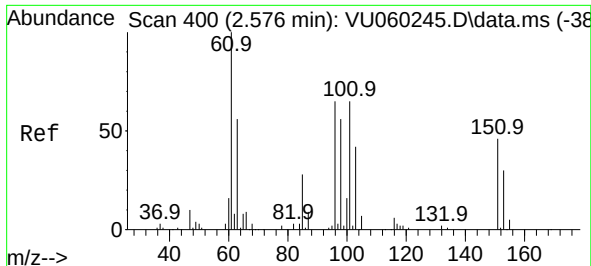
Tgt Ion: 64 Resp: 41614
Ion Ratio Lower Upper
64 100
66 32.3 22.8 42.4



#9
Trichlorofluoromethane
Concen: 4.885 ug/L
RT: 2.133 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU060263.D
Acq: 29 Jul 2024 20:02

Tgt Ion:101 Resp: 80718
Ion Ratio Lower Upper
101 100
103 64.8 51.4 77.2

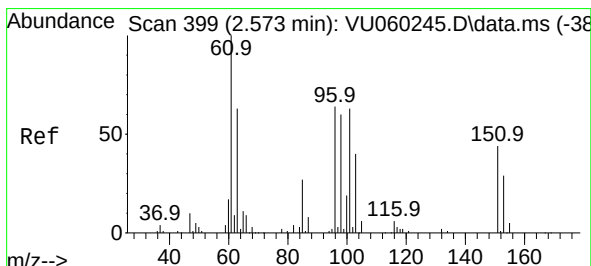
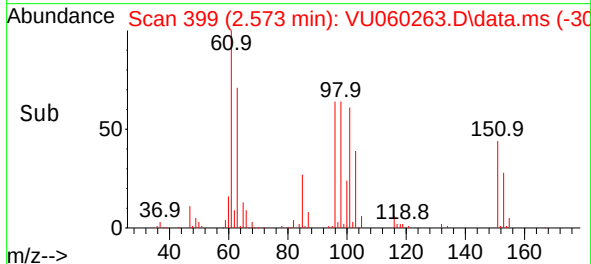
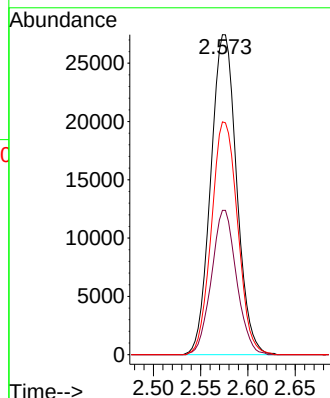
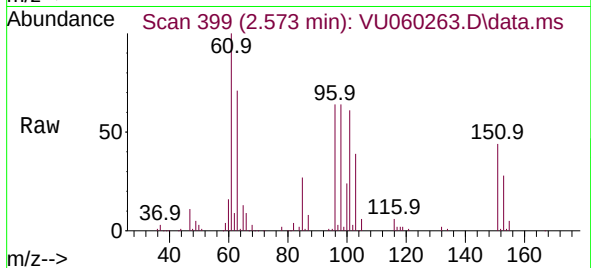




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.846 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.003 min
 Lab File: VU060263.D
 Acq: 29 Jul 2024 20:02

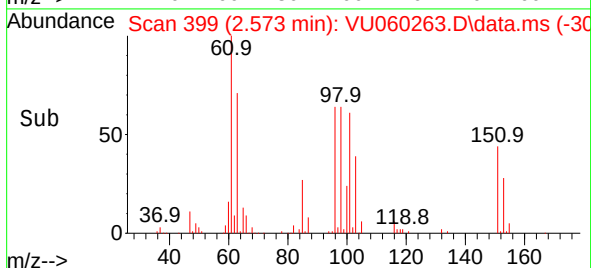
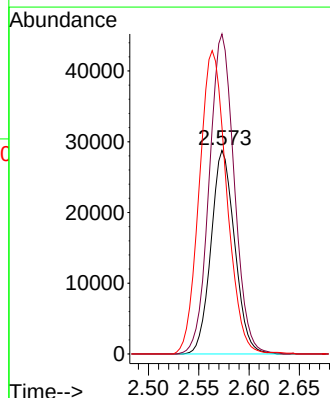
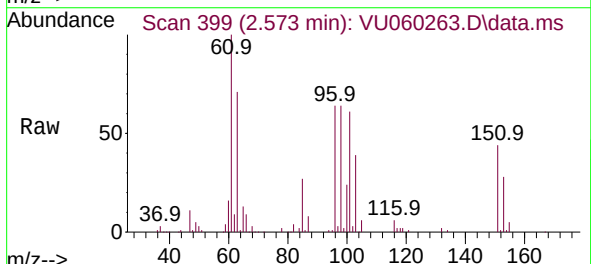
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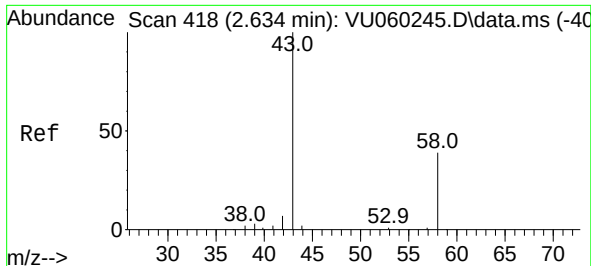
Tgt Ion:101 Resp: 52252
 Ion Ratio Lower Upper
 101 100
 85 43.7 33.2 49.8
 151 73.5 61.8 92.8



#12
 1,1-Dichloroethene
 Concen: 4.816 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU060263.D
 Acq: 29 Jul 2024 20:02

Tgt Ion: 96 Resp: 47040
 Ion Ratio Lower Upper
 96 100
 61 157.2 107.0 198.6
 63 111.5 76.4 142.0





#13

Acetone

Concen: 59.584 ug/L

RT: 2.637 min Scan# 418

Delta R.T. 0.003 min

Lab File: VU060263.D

Acq: 29 Jul 2024 20:02

Instrument :

MSVOA_U

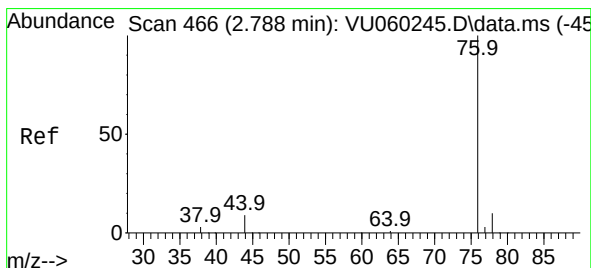
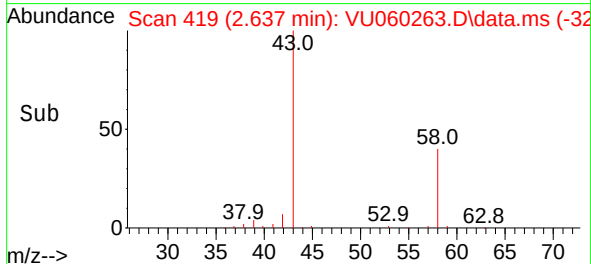
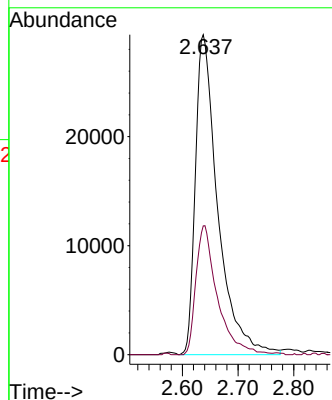
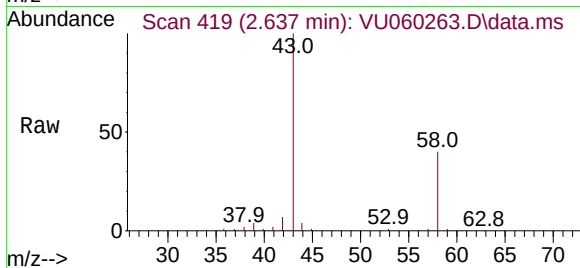
ClientSampleId :

Tgt Ion: 43 Resp: 82042

Ion Ratio Lower Upper

43 100

58 38.6 0.0 82.2



#14

Carbon disulfide

Concen: 4.514 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU060263.D

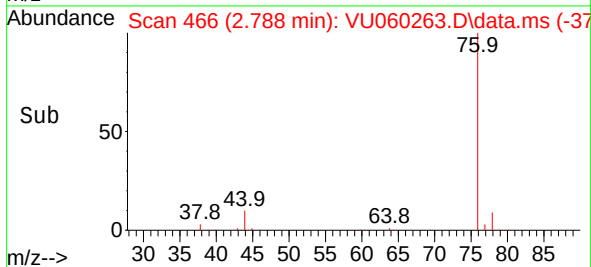
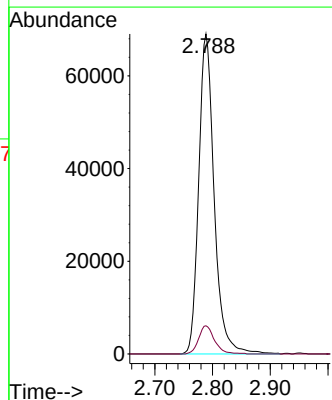
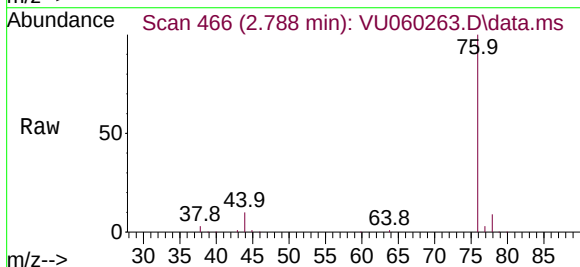
Acq: 29 Jul 2024 20:02

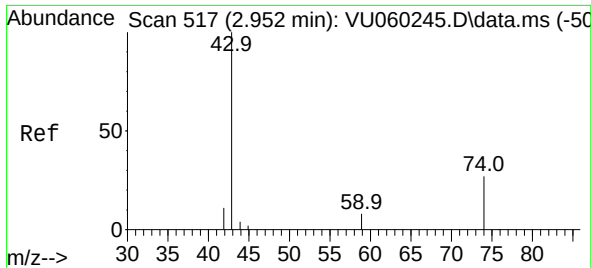
Tgt Ion: 76 Resp: 128391

Ion Ratio Lower Upper

76 100

78 8.8 7.4 11.0





#15

Methyl Acetate

Concen: 6.341 ug/L

RT: 2.952 min Scan# 517

Delta R.T. 0.000 min

Lab File: VU060263.D

Acq: 29 Jul 2024 20:02

Instrument :

MSVOA_U

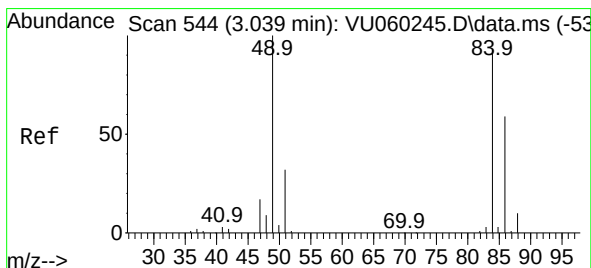
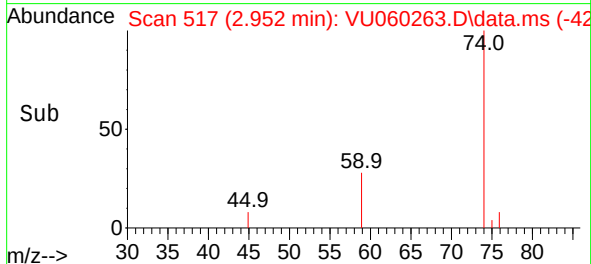
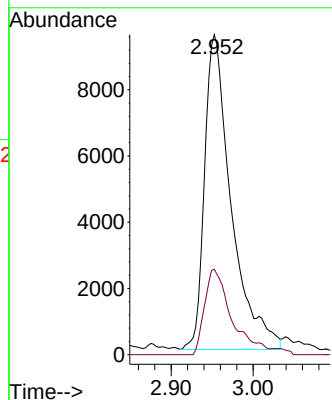
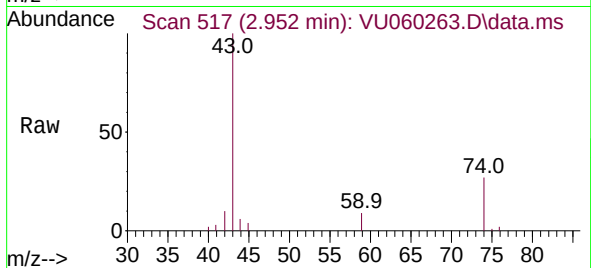
ClientSampleId :

Tgt Ion: 43 Resp: 21474

Ion Ratio Lower Upper

43 100

74 27.5 23.5 35.3



#16

Methylene chloride

Concen: 5.845 ug/L

RT: 3.039 min Scan# 544

Delta R.T. 0.000 min

Lab File: VU060263.D

Acq: 29 Jul 2024 20:02

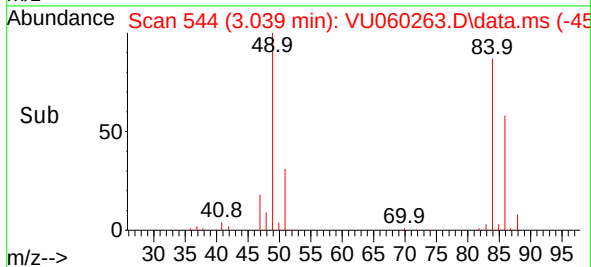
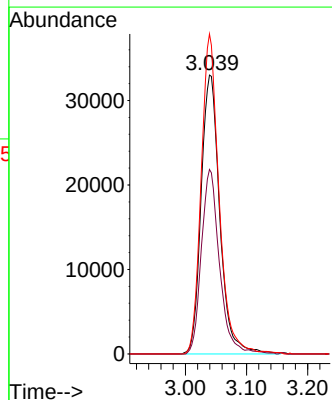
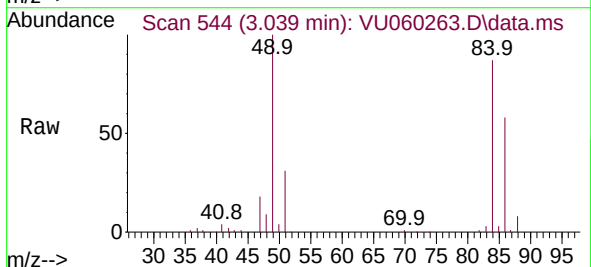
Tgt Ion: 84 Resp: 69997

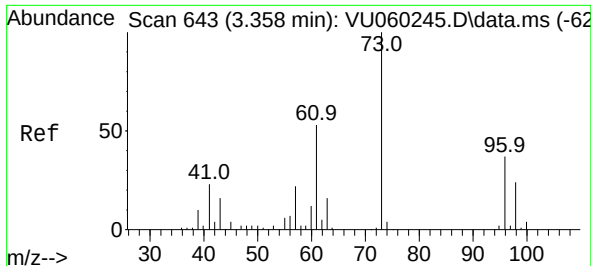
Ion Ratio Lower Upper

84 100

86 66.1 44.4 82.5

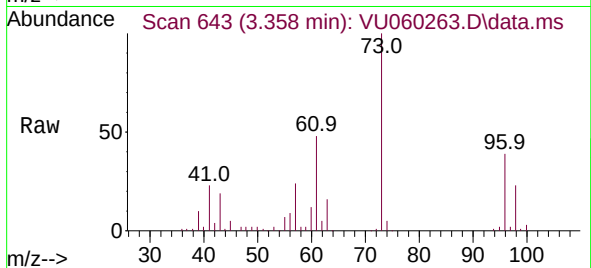
49 114.7 72.0 133.6



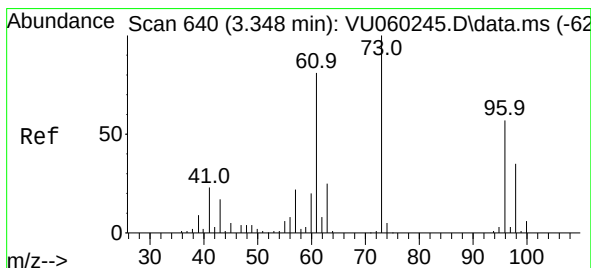
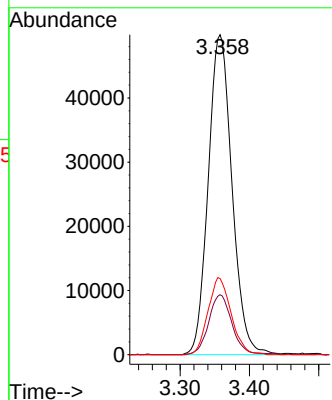
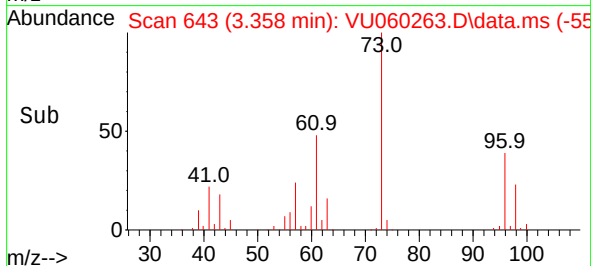


#17
Methyl tert-butyl Ether
Concen: 5.334 ug/L
RT: 3.358 min Scan# 643
Delta R.T. 0.000 min
Lab File: VU060263.D
Acq: 29 Jul 2024 20:02

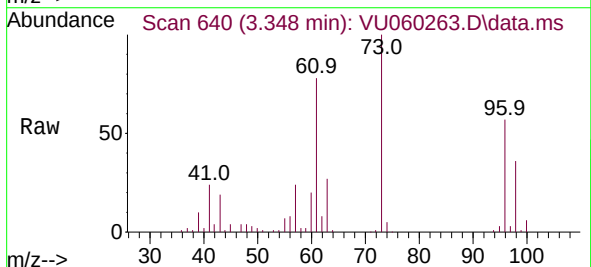
Instrument :
MSVOA_U
ClientSampleId :



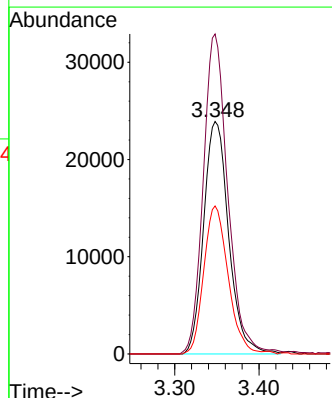
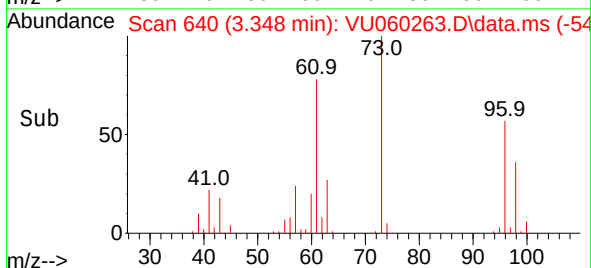
Tgt Ion: 73 Resp: 118814
Ion Ratio Lower Upper
73 100
43 18.3 13.1 19.7
57 23.4 17.0 25.4

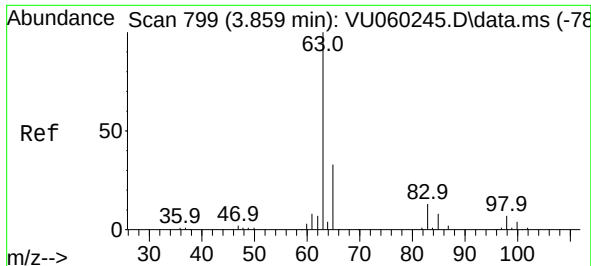


#18
trans-1,2-Dichloroethene
Concen: 4.874 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU060263.D
Acq: 29 Jul 2024 20:02



Tgt Ion: 96 Resp: 49521
Ion Ratio Lower Upper
96 100
61 137.7 91.6 170.0
98 63.7 47.7 88.5

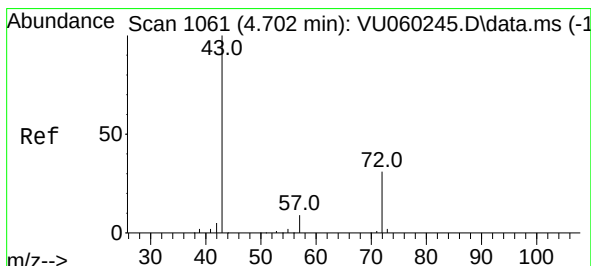
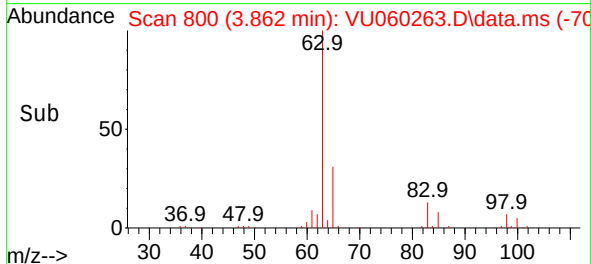
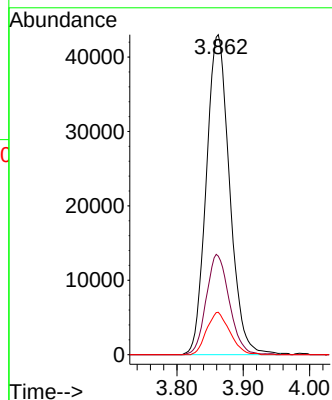
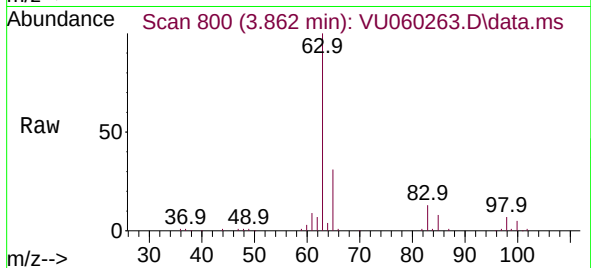




#19
1,1-Dichloroethane
Concen: 5.444 ug/L
RT: 3.862 min Scan# 80
Delta R.T. 0.003 min
Lab File: VU060263.D
Acq: 29 Jul 2024 20:02

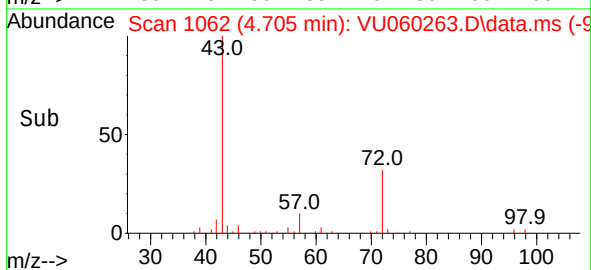
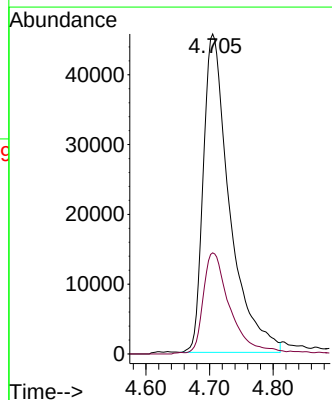
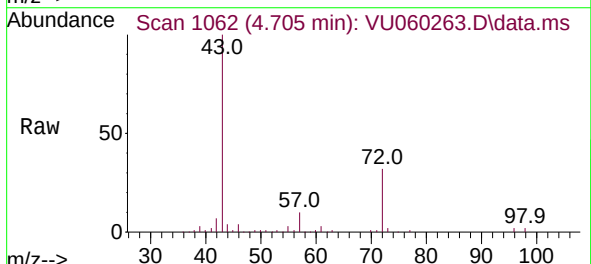
Instrument :
MSVOA_U
ClientSampleId :

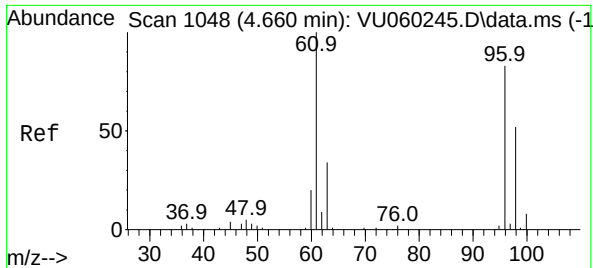
Tgt Ion: 63 Resp: 105033
Ion Ratio Lower Upper
63 100
65 30.8 22.0 40.8
83 13.2 9.7 17.9



#21
2-Butanone
Concen: 60.215 ug/L
RT: 4.705 min Scan# 1062
Delta R.T. 0.003 min
Lab File: VU060263.D
Acq: 29 Jul 2024 20:02

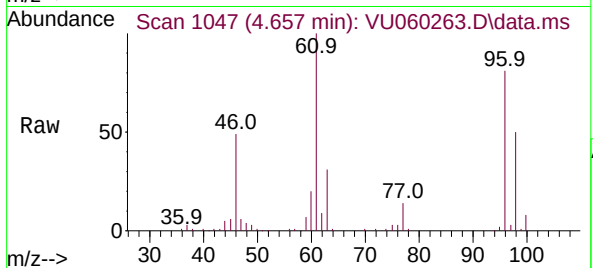
Tgt Ion: 43 Resp: 131250
Ion Ratio Lower Upper
43 100
72 31.1 16.3 48.9



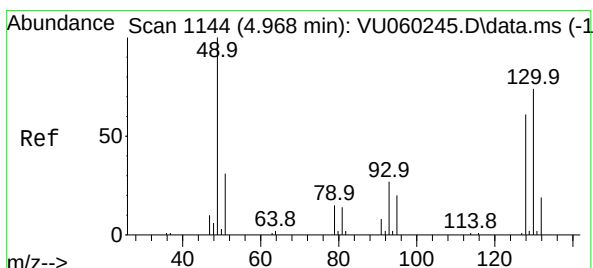
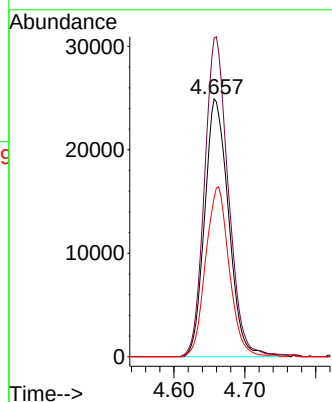
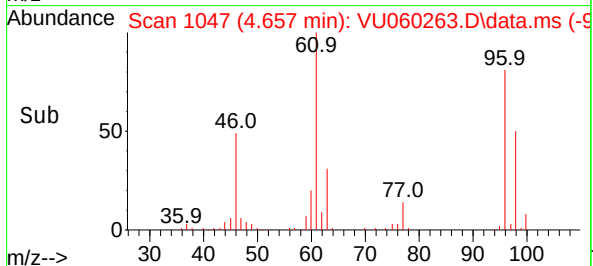


#22
cis-1,2-Dichloroethene
Concen: 5.155 ug/L
RT: 4.657 min Scan# 1047
Delta R.T. -0.003 min
Lab File: VU060263.D
Acq: 29 Jul 2024 20:02

Instrument :
MSVOA_U
ClientSampleId :

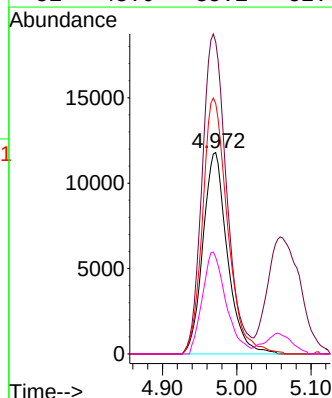
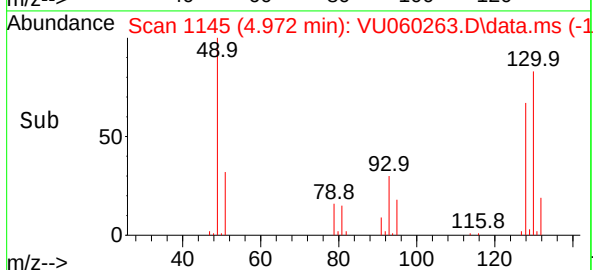
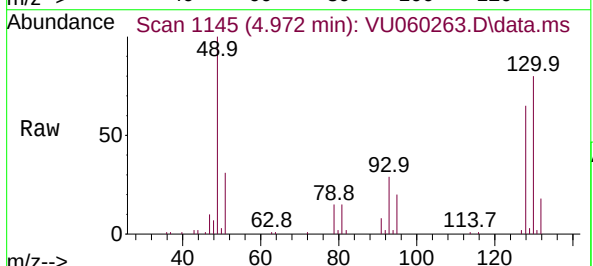


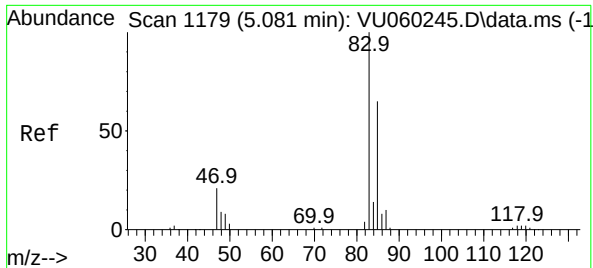
Tgt Ion: 96 Resp: 58657
Ion Ratio Lower Upper
96 100
61 123.7 80.2 148.9
98 61.7 44.7 83.1



#23
Bromochloromethane
Concen: 4.871 ug/L
RT: 4.972 min Scan# 1145
Delta R.T. 0.003 min
Lab File: VU060263.D
Acq: 29 Jul 2024 20:02

Tgt Ion:128 Resp: 26941
Ion Ratio Lower Upper
128 100
49 154.9 92.3 171.3
130 124.4 87.1 161.7
51 48.0 35.1 52.7

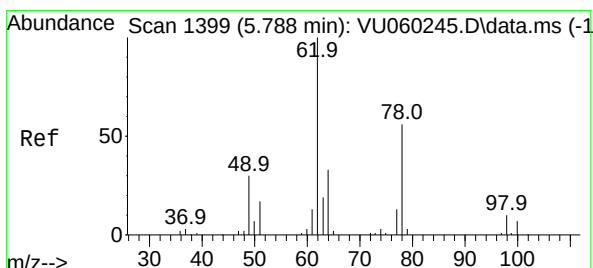
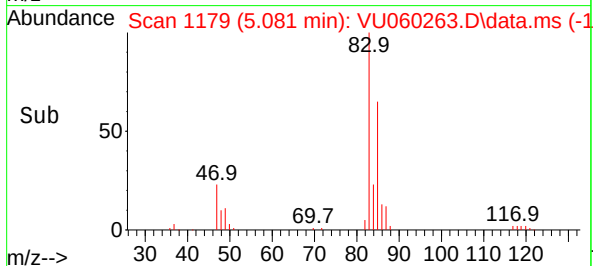
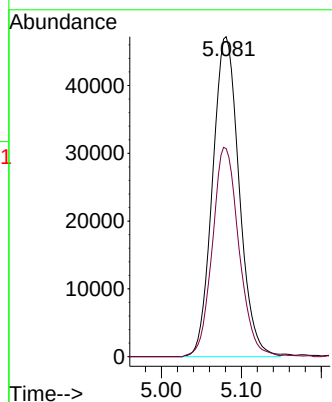
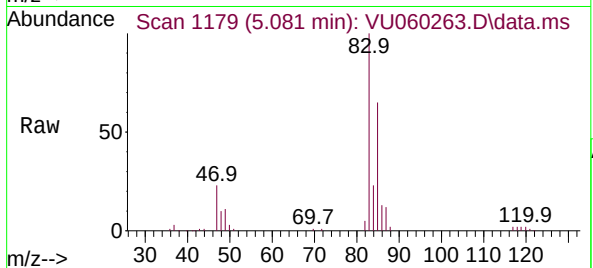




#25
Chloroform
Concen: 5.135 ug/L
RT: 5.081 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VU060263.D
Acq: 29 Jul 2024 20:02

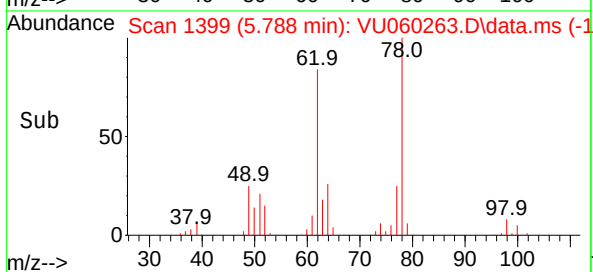
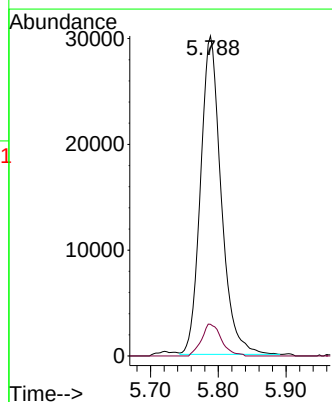
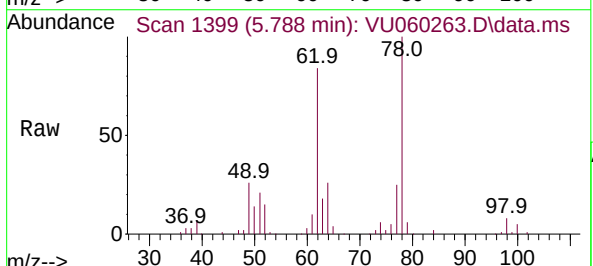
Instrument :
MSVOA_U
ClientSampleId :

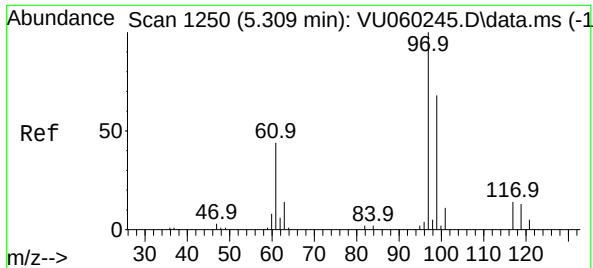
Tgt Ion: 83 Resp: 108944
Ion Ratio Lower Upper
83 100
85 65.1 45.4 84.2



#27
1,2-Dichloroethane
Concen: 5.246 ug/L
RT: 5.788 min Scan# 1399
Delta R.T. 0.000 min
Lab File: VU060263.D
Acq: 29 Jul 2024 20:02

Tgt Ion: 62 Resp: 63617
Ion Ratio Lower Upper
62 100
98 9.9 7.9 11.9

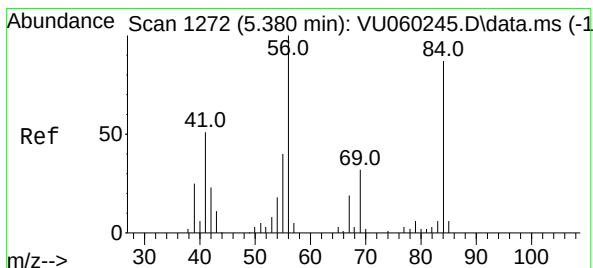
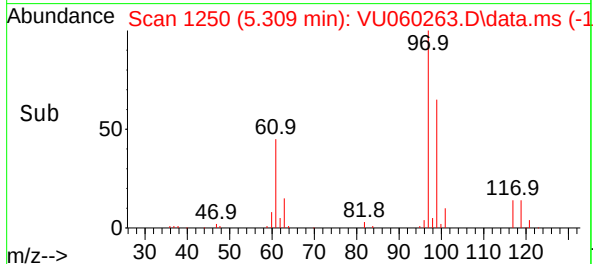
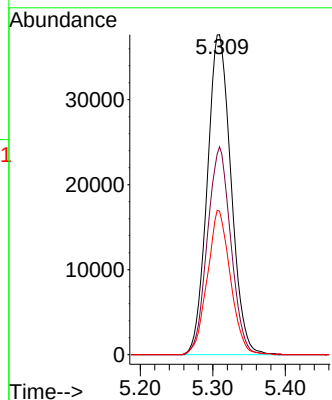
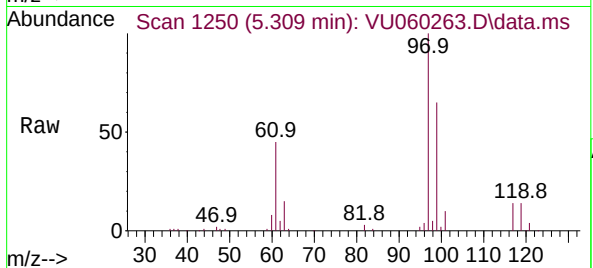




#29
1,1,1-Trichloroethane
Concen: 5.081 ug/L
RT: 5.309 min Scan# 1250
Delta R.T. 0.000 min
Lab File: VU060263.D
Acq: 29 Jul 2024 20:02

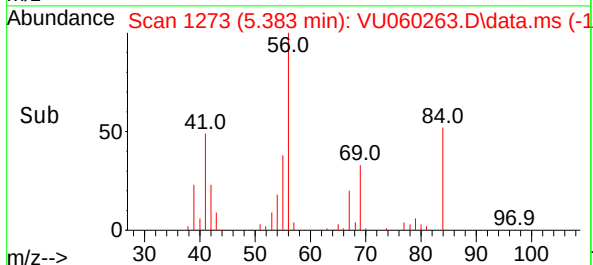
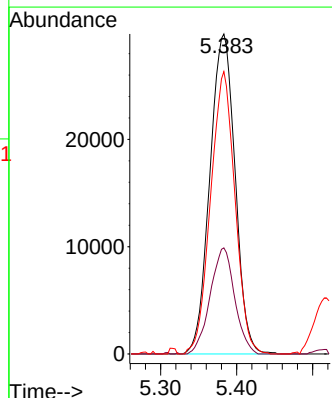
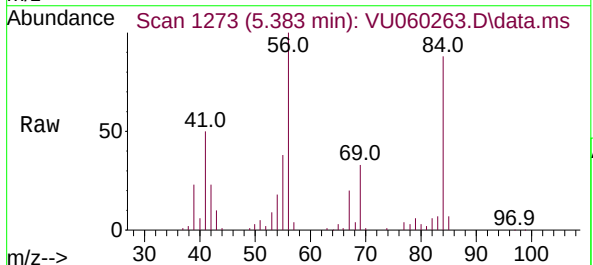
Instrument :
MSVOA_U
ClientSampleId :

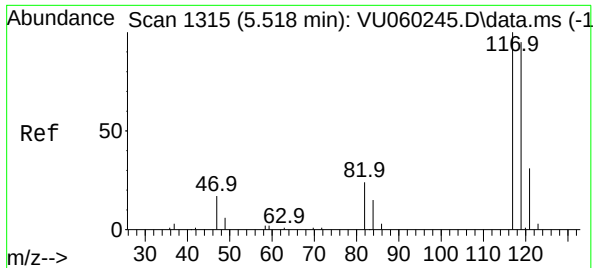
Tgt Ion:	97	Resp:	85910
Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.0	76.4
61	43.9	34.1	51.1



#30
Cyclohexane
Concen: 5.136 ug/L
RT: 5.383 min Scan# 1273
Delta R.T. 0.003 min
Lab File: VU060263.D
Acq: 29 Jul 2024 20:02

Tgt Ion:	56	Resp:	68694
Ion	Ratio	Lower	Upper
56	100		
69	32.2	26.6	39.8
84	85.4	77.2	115.8

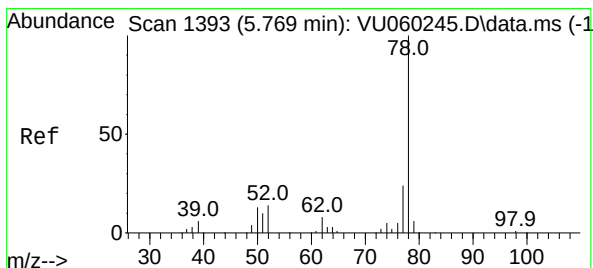
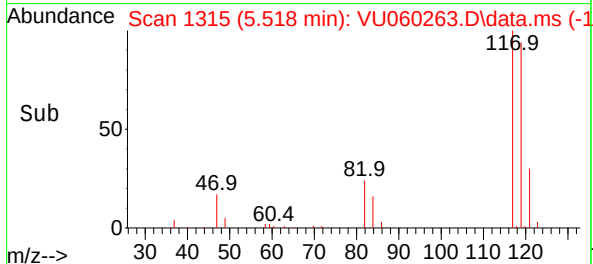
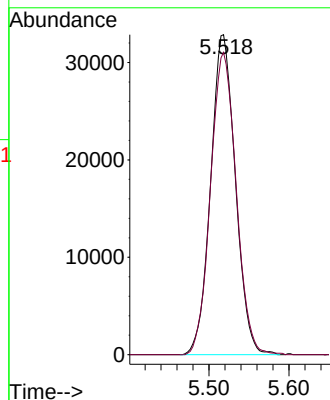
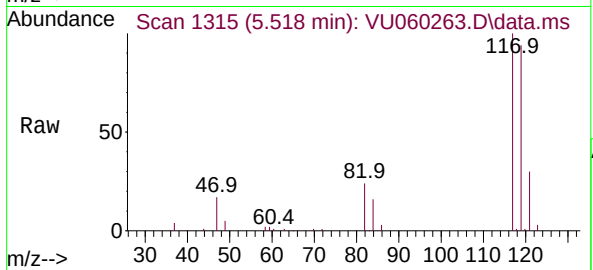




#31
Carbon tetrachloride
Concen: 4.836 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VU060263.D
Acq: 29 Jul 2024 20:02

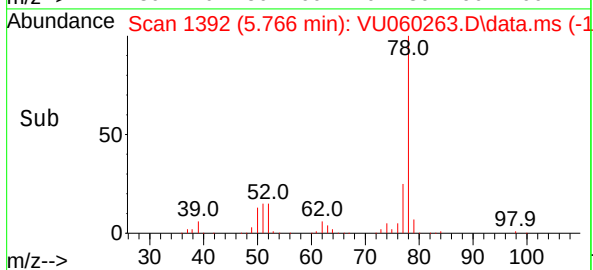
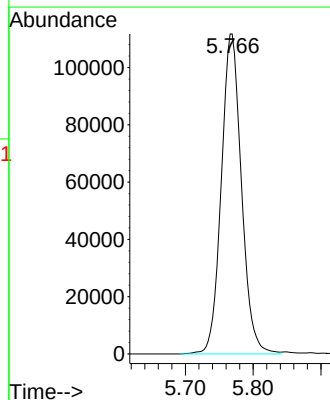
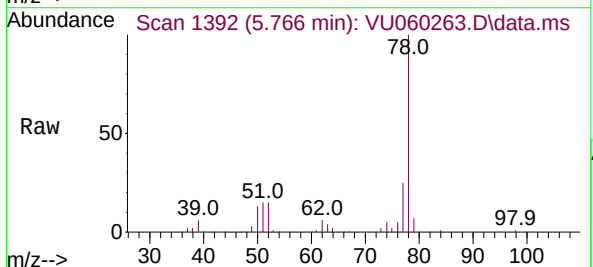
Instrument :
MSVOA_U
ClientSampleId :

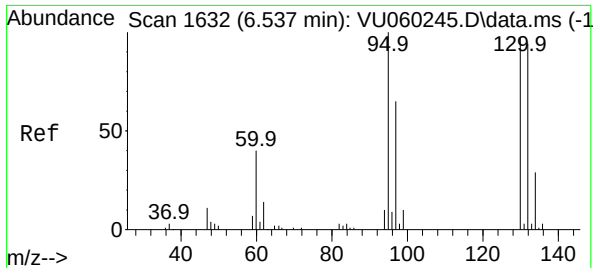
Tgt Ion:117 Resp: 70551
Ion Ratio Lower Upper
117 100
119 97.9 75.6 113.4



#33
Benzene
Concen: 5.168 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.003 min
Lab File: VU060263.D
Acq: 29 Jul 2024 20:02

Tgt Ion: 78 Resp: 231139





#34

Trichloroethene

Concen: 4.916 ug/L

RT: 6.537 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU060263.D

Acq: 29 Jul 2024 20:02

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 58305

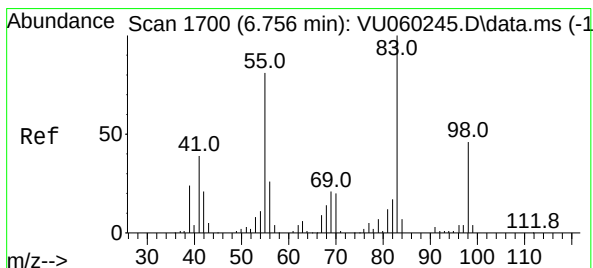
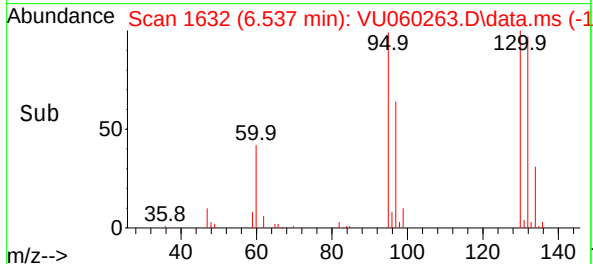
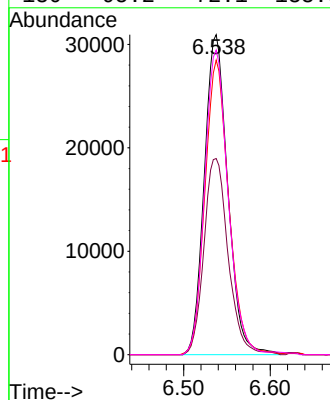
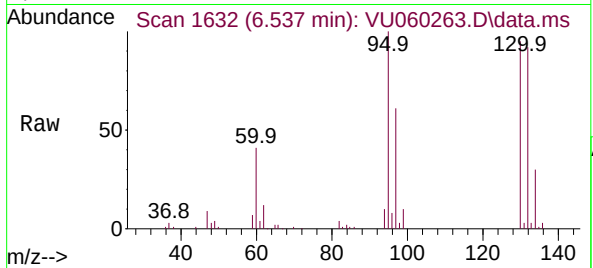
Ion Ratio Lower Upper

95 100

97 61.3 45.9 85.3

132 92.0 71.4 132.6

130 95.2 72.1 133.9



#35

Methylcyclohexane

Concen: 4.560 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VU060263.D

Acq: 29 Jul 2024 20:02

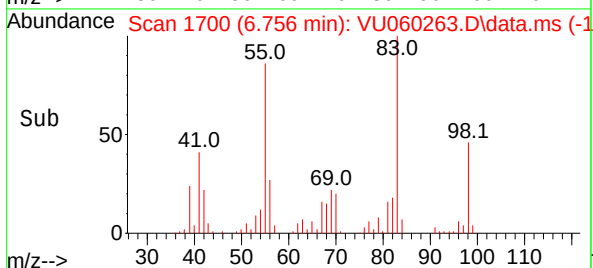
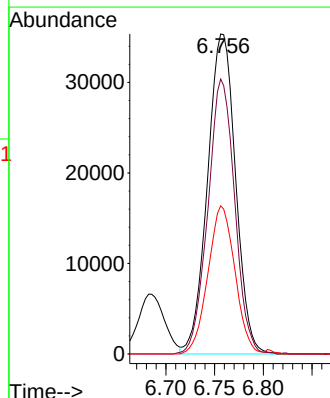
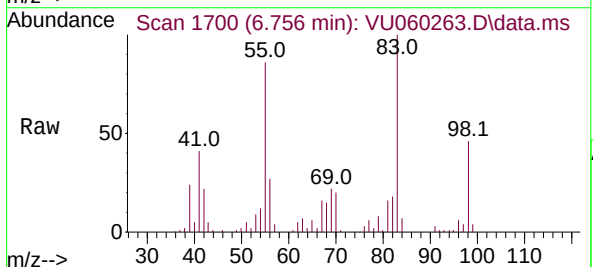
Tgt Ion: 83 Resp: 70906

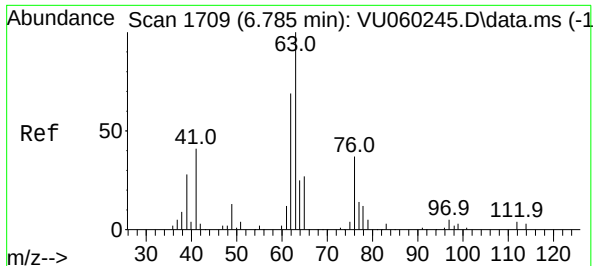
Ion Ratio Lower Upper

83 100

55 81.9 56.7 85.1

98 44.5 36.6 55.0

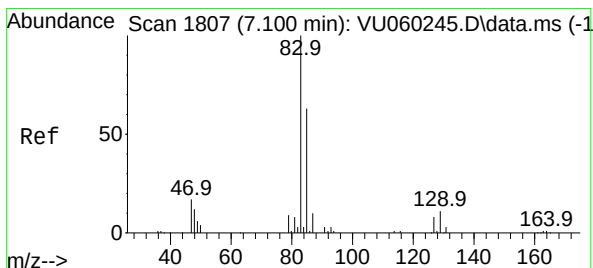
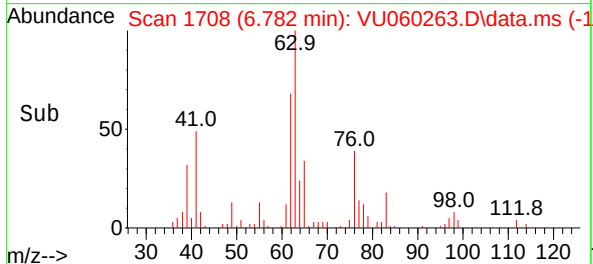
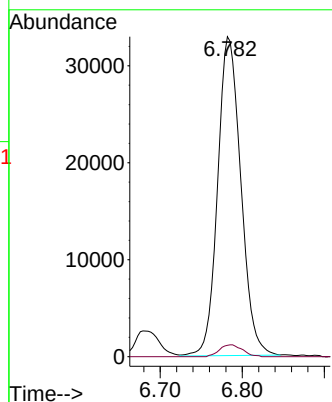
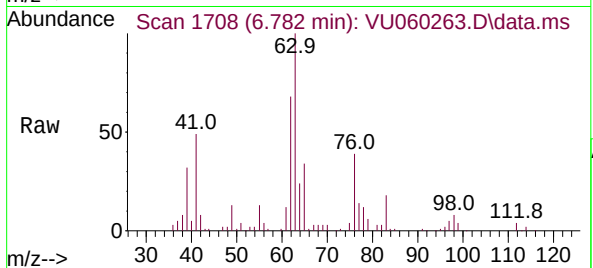




#37
1,2-Dichloropropane
Concen: 5.360 ug/L
RT: 6.782 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU060263.D
Acq: 29 Jul 2024 20:02

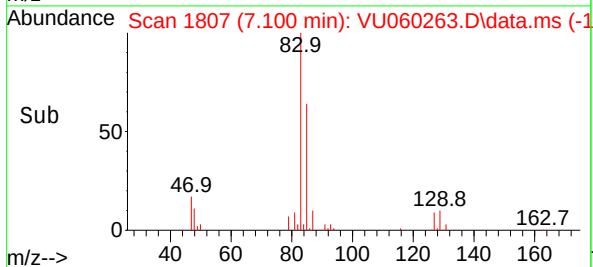
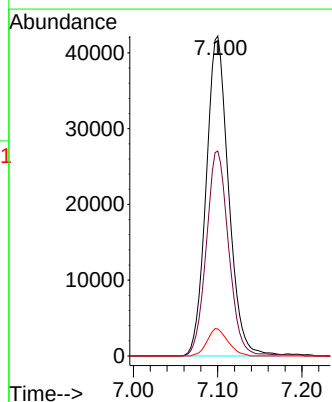
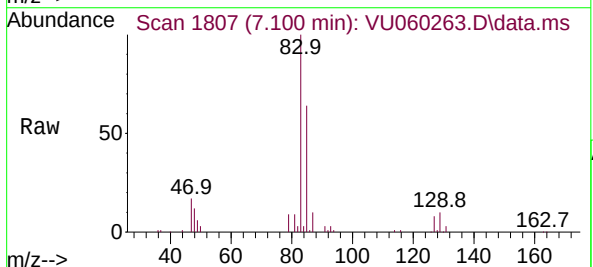
Instrument :
MSVOA_U
ClientSampleId :

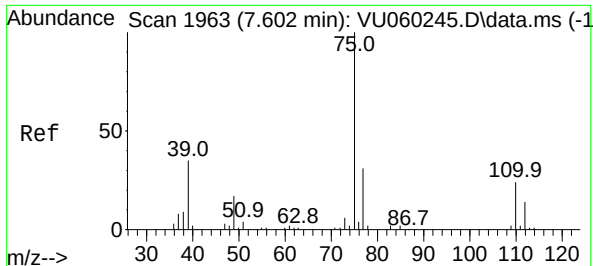
Tgt Ion: 63 Resp: 64757
Ion Ratio Lower Upper
63 100
112 3.7 3.3 4.9



#38
Bromodichloromethane
Concen: 5.165 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VU060263.D
Acq: 29 Jul 2024 20:02

Tgt Ion: 83 Resp: 78190
Ion Ratio Lower Upper
83 100
85 64.0 43.5 80.7
127 8.5 7.1 10.7

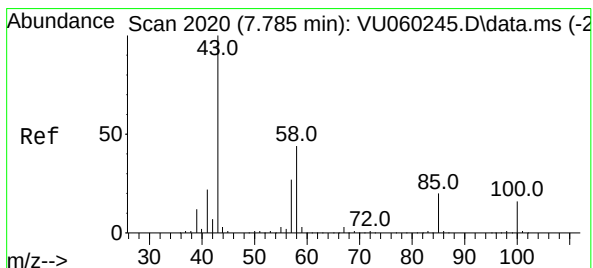
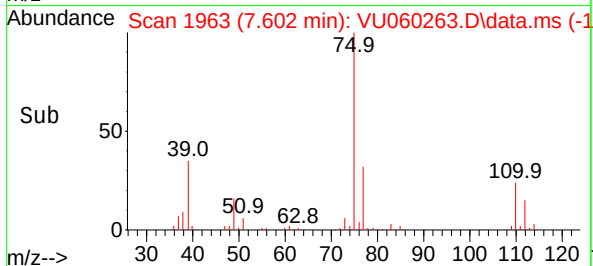
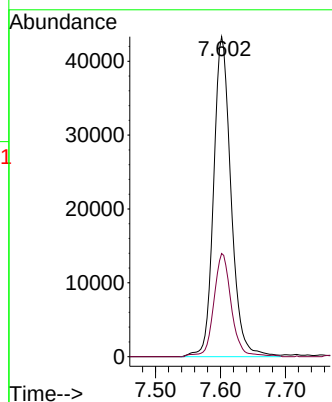
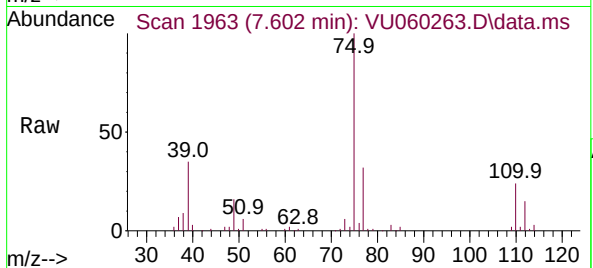




#39
 cis-1,3-Dichloropropene
 Concen: 5.107 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. 0.000 min
 Lab File: VU060263.D
 Acq: 29 Jul 2024 20:02

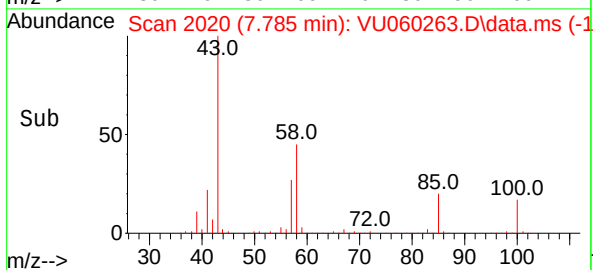
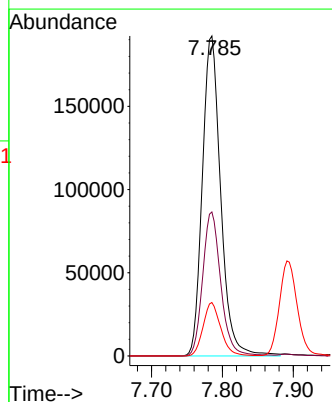
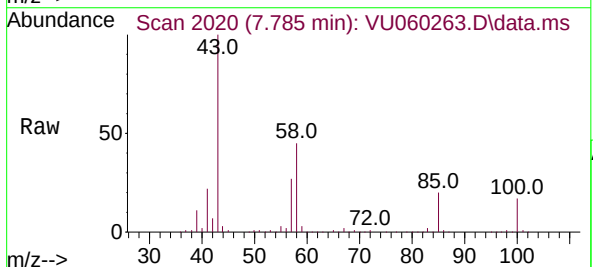
Instrument :
 MSVOA_U
 ClientSampleId :

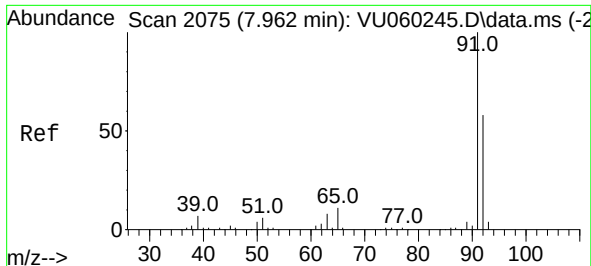
Tgt Ion: 75 Resp: 80631
 Ion Ratio Lower Upper
 75 100
 77 32.2 23.2 43.2



#40
 4-Methyl-2-pentanone
 Concen: 64.718 ug/L
 RT: 7.785 min Scan# 2020
 Delta R.T. 0.000 min
 Lab File: VU060263.D
 Acq: 29 Jul 2024 20:02

Tgt Ion: 43 Resp: 346010
 Ion Ratio Lower Upper
 43 100
 58 44.5 36.0 54.0
 100 16.1 14.9 22.3





#42

Toluene

Concen: 5.188 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU060263.D

Acq: 29 Jul 2024 20:02

Instrument :

MSVOA_U

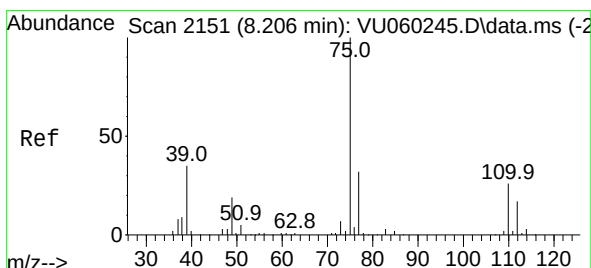
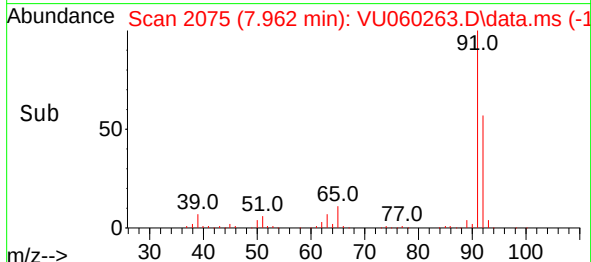
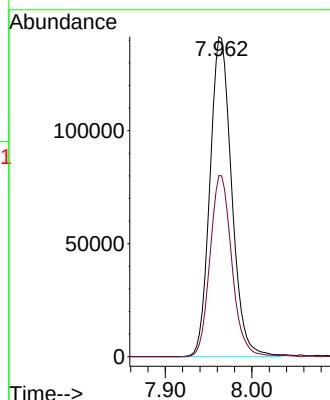
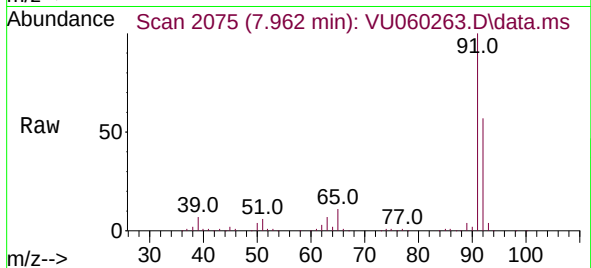
ClientSampleId :

Tgt Ion: 91 Resp: 246910

Ion Ratio Lower Upper

91 100

92 56.6 39.8 73.8



#44

trans-1,3-Dichloropropene

Concen: 5.214 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.000 min

Lab File: VU060263.D

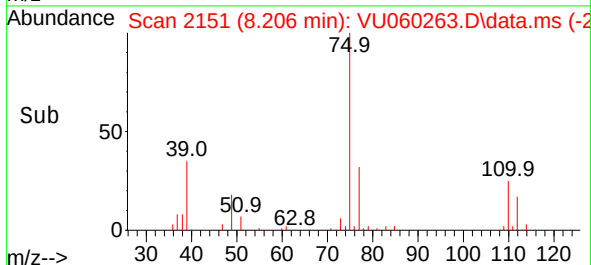
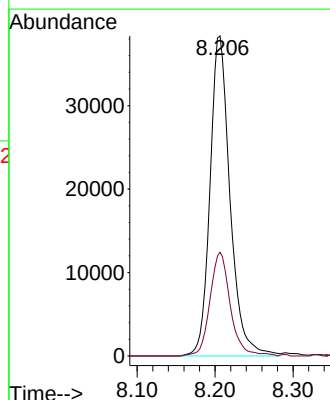
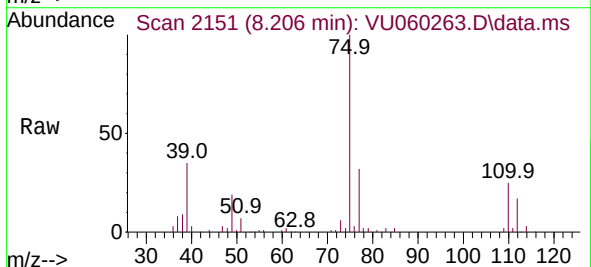
Acq: 29 Jul 2024 20:02

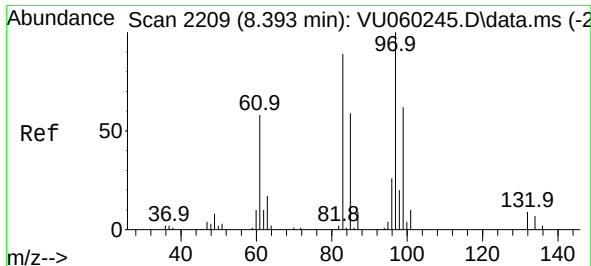
Tgt Ion: 75 Resp: 68766

Ion Ratio Lower Upper

75 100

77 32.4 22.6 42.0

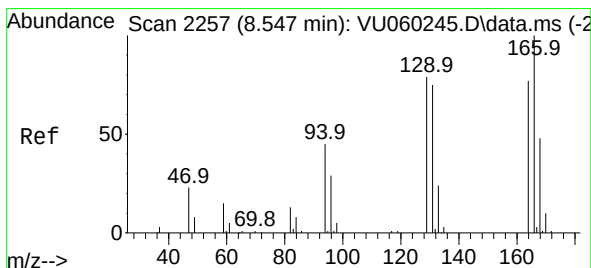
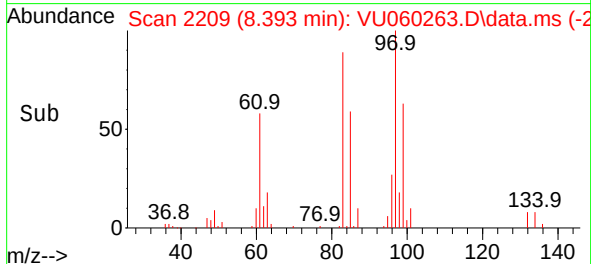
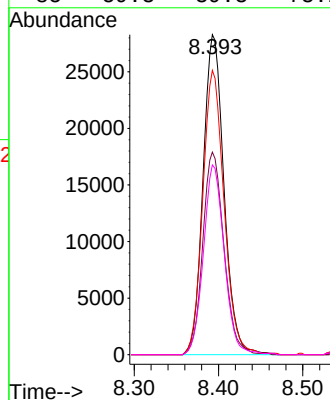
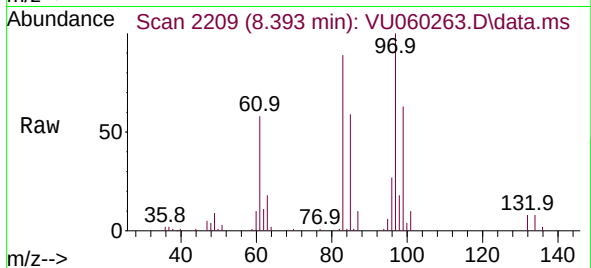




#45
1,1,2-Trichloroethane
Concen: 5.293 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VU060263.D
Acq: 29 Jul 2024 20:02

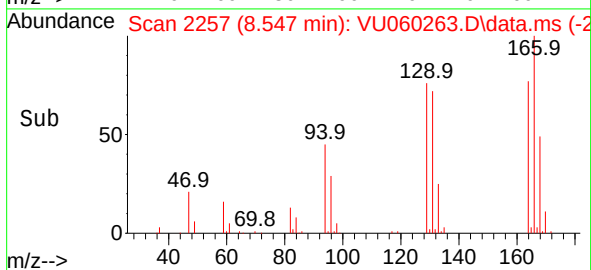
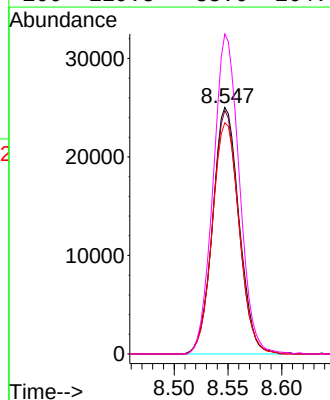
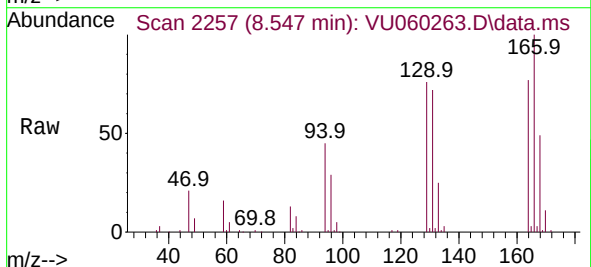
Instrument :
MSVOA_U
ClientSampleId :

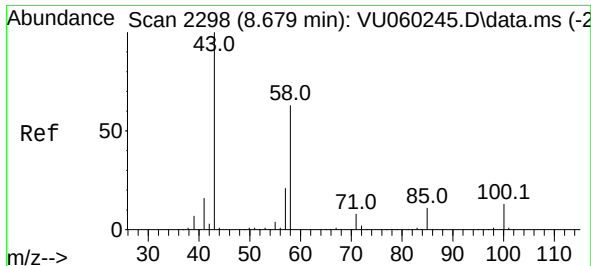
Tgt Ion:	97	Resp:	48865
Ion	Ratio	Lower	Upper
97	100		
99	63.3	43.8	81.4
83	88.9	62.1	115.3
85	59.3	39.3	73.1



#47
Tetrachloroethene
Concen: 4.371 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU060263.D
Acq: 29 Jul 2024 20:02

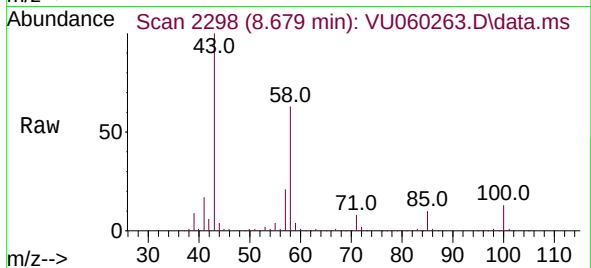
Tgt Ion:	164	Resp:	42872
Ion	Ratio	Lower	Upper
164	100		
129	98.8	64.6	120.0
131	93.8	61.2	113.8
166	129.8	88.6	164.6



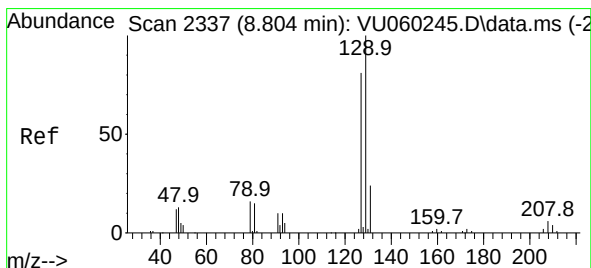
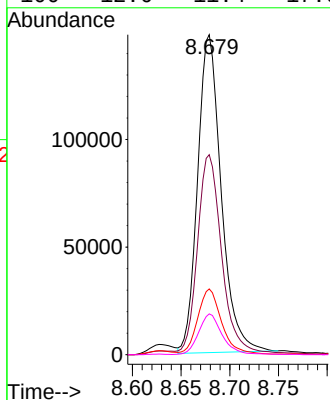
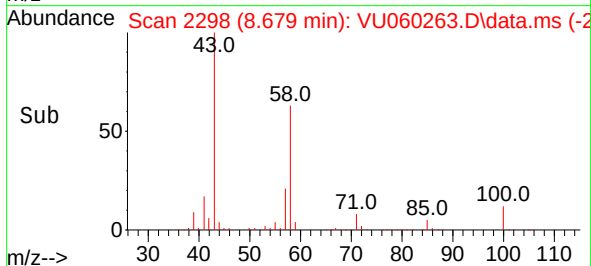


#48
2-Hexanone
Concen: 63.779 ug/L
RT: 8.679 min Scan# 2298
Delta R.T. 0.000 min
Lab File: VU060263.D
Acq: 29 Jul 2024 20:02

Instrument :
MSVOA_U
ClientSampleId :

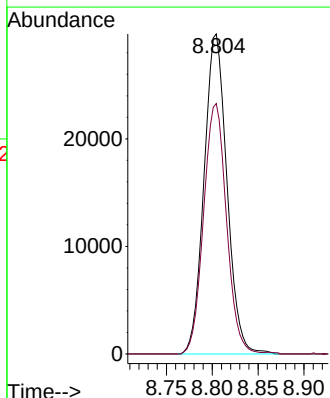
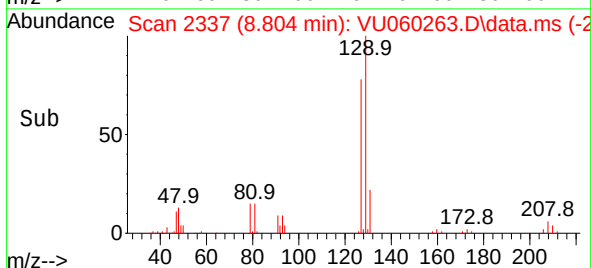
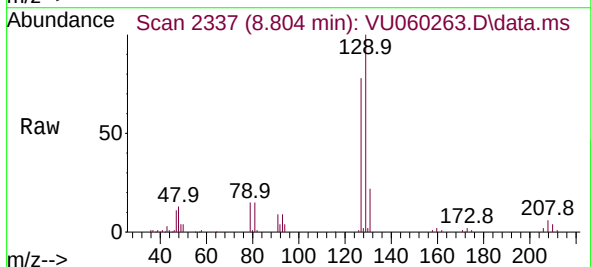


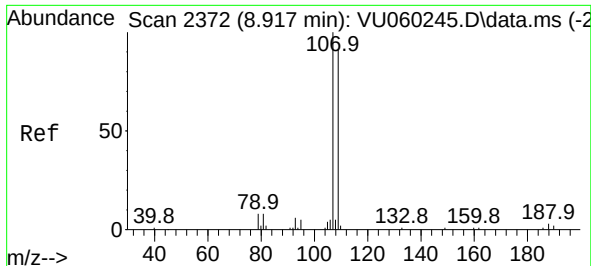
Tgt Ion: 43	Resp: 249669
Ion Ratio	Lower Upper
43 100	
58 64.9	52.6 78.8
57 20.8	17.8 26.8
100 12.6	11.4 17.0



#49
Dibromochloromethane
Concen: 5.062 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VU060263.D
Acq: 29 Jul 2024 20:02

Tgt Ion:129	Resp: 51703		
Ion Ratio	Lower	Upper	
129 100			
127 78.2	54.6	101.4	

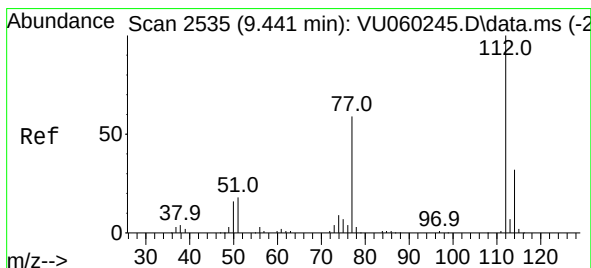
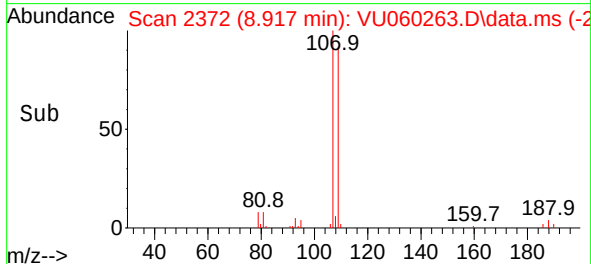
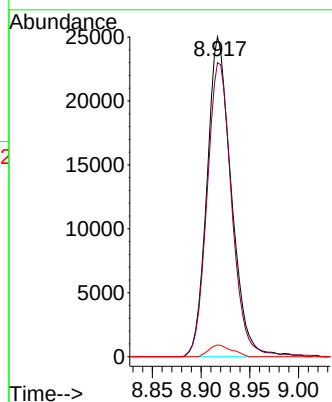
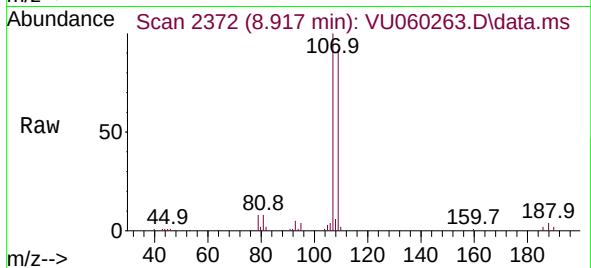




#50
1,2-Dibromoethane
Concen: 5.192 ug/L
RT: 8.917 min Scan# 2372
Delta R.T. 0.000 min
Lab File: VU060263.D
Acq: 29 Jul 2024 20:02

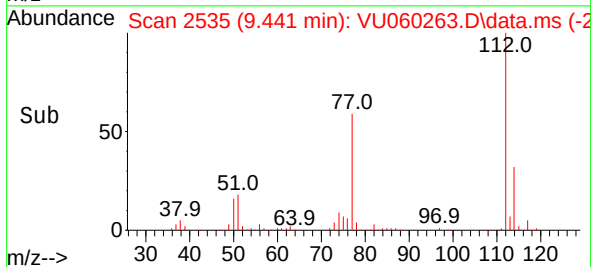
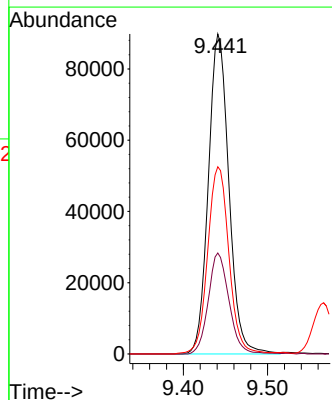
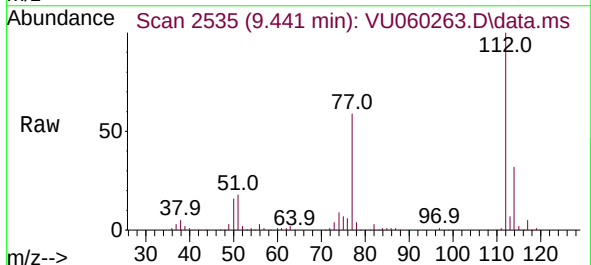
Instrument :
MSVOA_U
ClientSampleId :

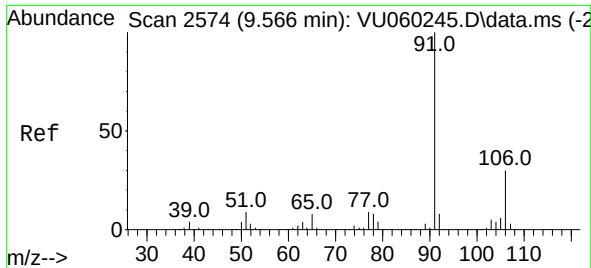
Tgt Ion:107 Resp: 43342
Ion Ratio Lower Upper
107 100
109 91.9 64.0 118.8
188 3.7 3.0 4.6



#51
Chlorobenzene
Concen: 4.897 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.000 min
Lab File: VU060263.D
Acq: 29 Jul 2024 20:02

Tgt Ion:112 Resp: 152271
Ion Ratio Lower Upper
112 100
114 31.6 22.1 41.1
77 58.5 44.7 67.1

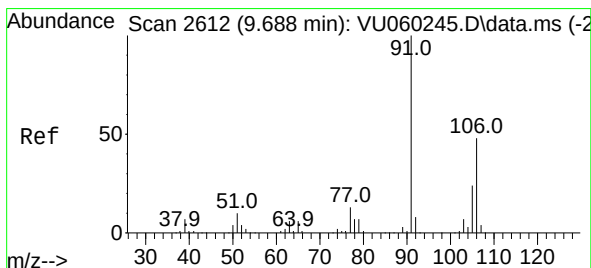
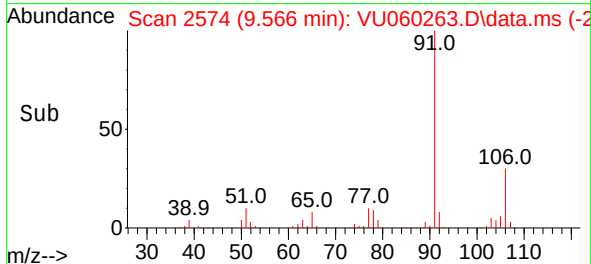
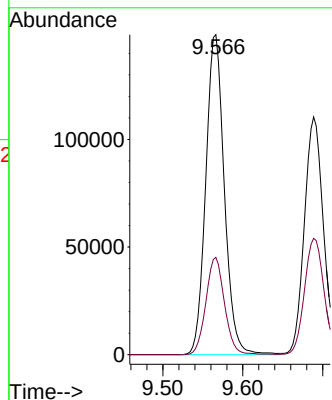
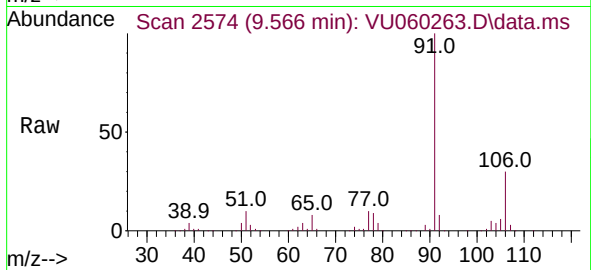




#52
Ethylbenzene
Concen: 5.071 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. 0.000 min
Lab File: VU060263.D
Acq: 29 Jul 2024 20:02

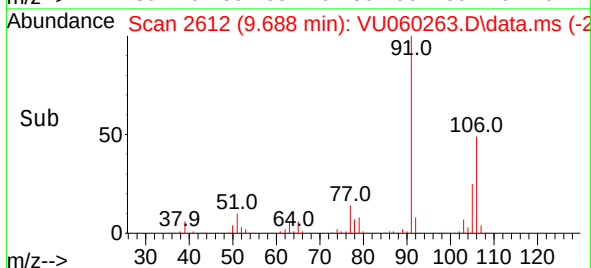
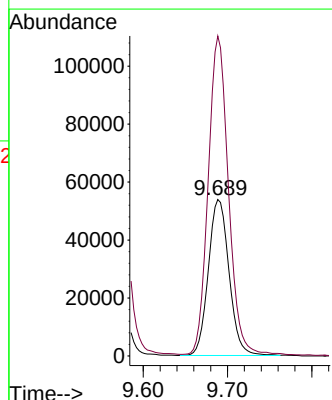
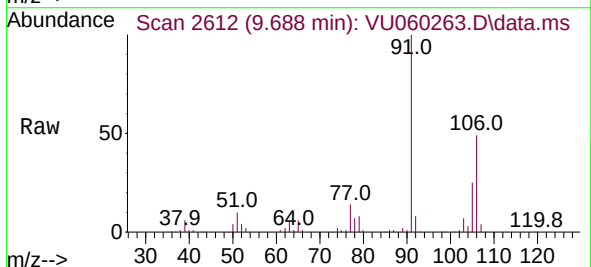
Instrument :
MSVOA_U
ClientSampleId :

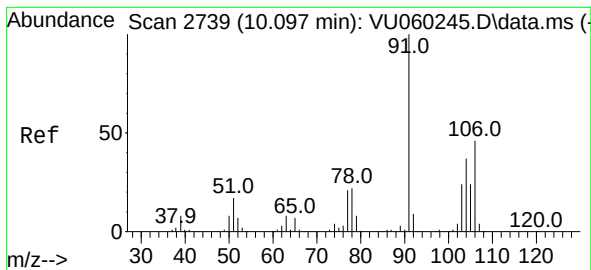
Tgt Ion: 91 Resp: 240701
Ion Ratio Lower Upper
91 100
106 30.4 21.9 40.7



#53
m,p-Xylene
Concen: 5.019 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU060263.D
Acq: 29 Jul 2024 20:02

Tgt Ion: 106 Resp: 92036
Ion Ratio Lower Upper
106 100
91 204.4 141.3 262.5





#54

o-Xylene

Concen: 5.124 ug/L

RT: 10.094 min Scan# 2739

Delta R.T. -0.003 min

Lab File: VU060263.D

Acq: 29 Jul 2024 20:02

Instrument :

MSVOA_U

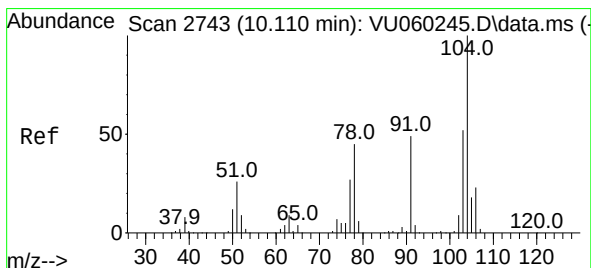
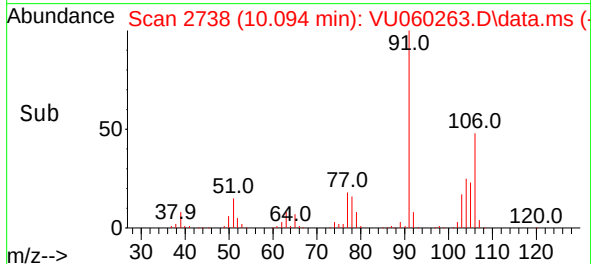
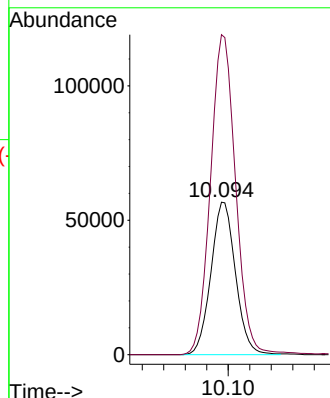
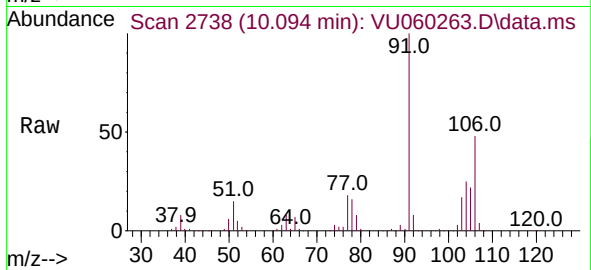
ClientSampleId :

Tgt Ion:106 Resp: 89851

Ion Ratio Lower Upper

106 100

91 209.8 143.6 266.6



#55

Styrene

Concen: 5.338 ug/L

RT: 10.110 min Scan# 2743

Delta R.T. 0.000 min

Lab File: VU060263.D

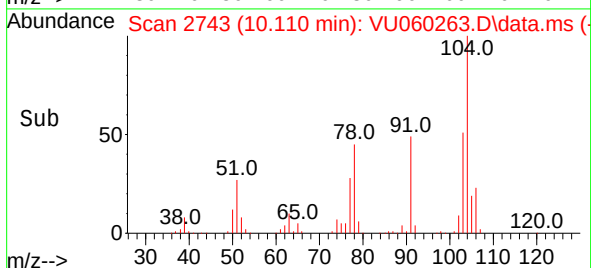
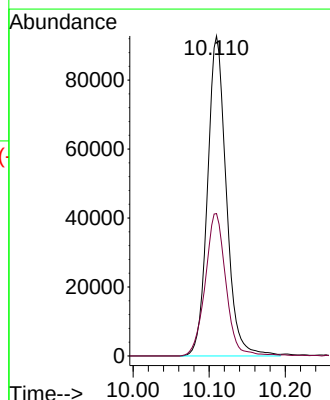
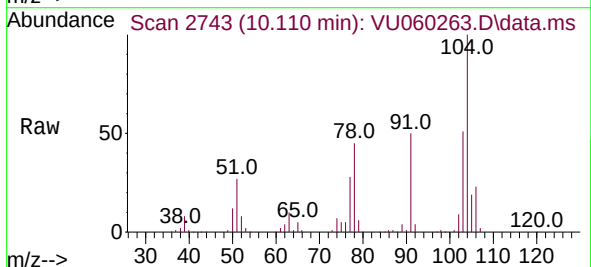
Acq: 29 Jul 2024 20:02

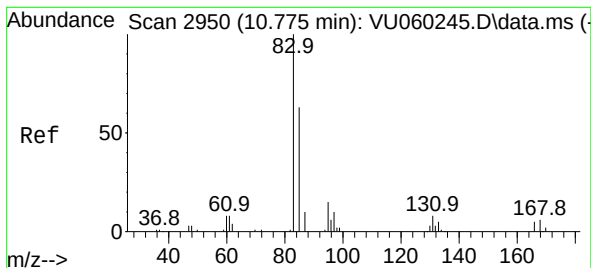
Tgt Ion:104 Resp: 159310

Ion Ratio Lower Upper

104 100

78 44.5 31.4 58.4





#57

1,1,2,2-Tetrachloroethane

Concen: 5.411 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU060263.D

Acq: 29 Jul 2024 20:02

Instrument :

MSVOA_U

ClientSampleId :

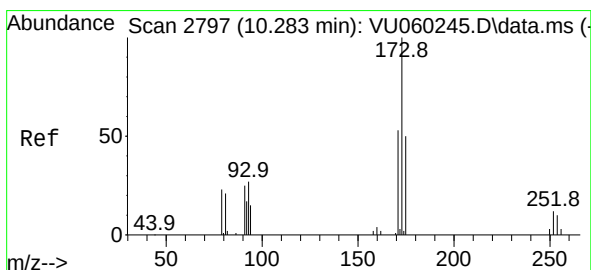
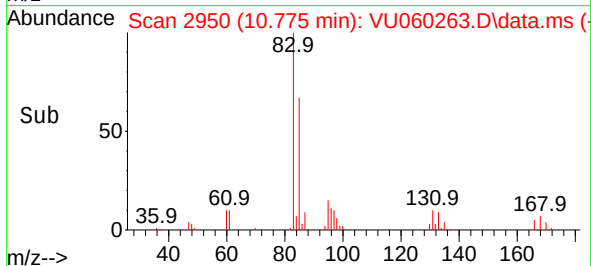
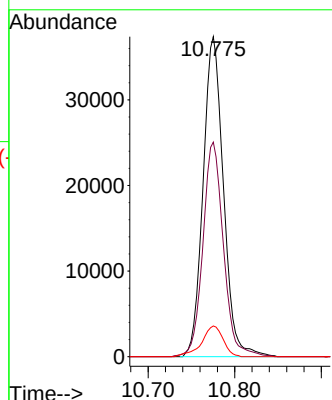
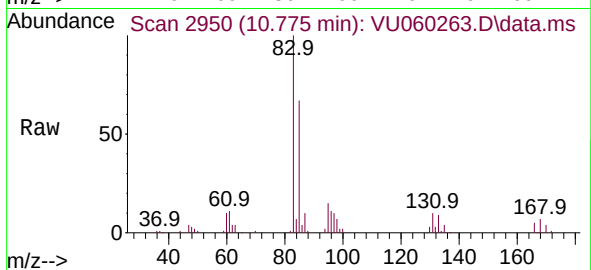
Tgt Ion: 83 Resp: 61113

Ion Ratio Lower Upper

83 100

85 67.1 46.8 87.0

131 9.6 7.8 11.6



#59

Bromoform

Concen: 5.080 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. 0.000 min

Lab File: VU060263.D

Acq: 29 Jul 2024 20:02

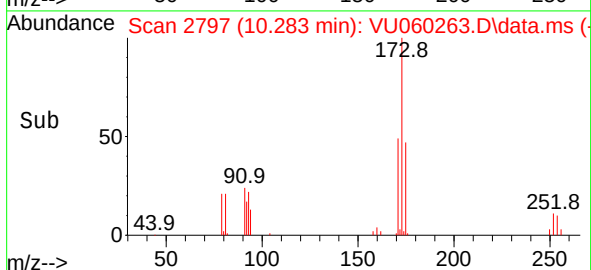
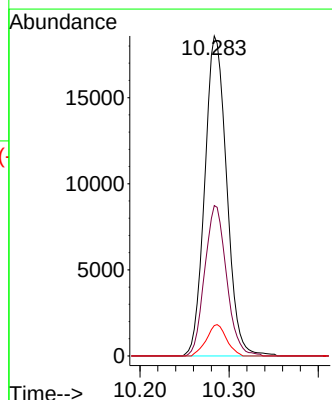
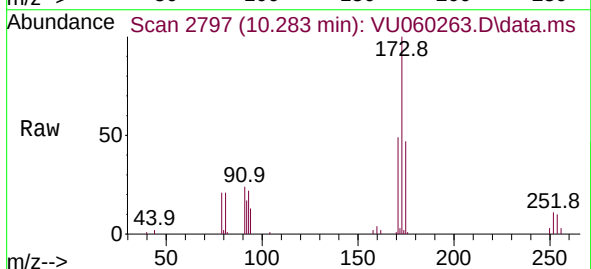
Tgt Ion:173 Resp: 31704

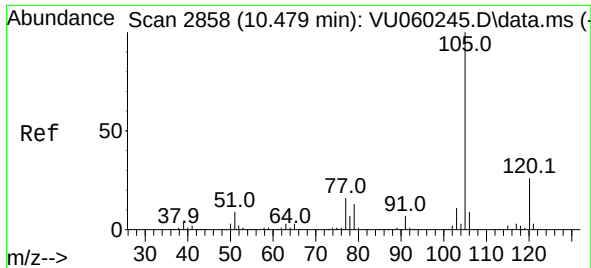
Ion Ratio Lower Upper

173 100

175 46.8 38.7 58.1

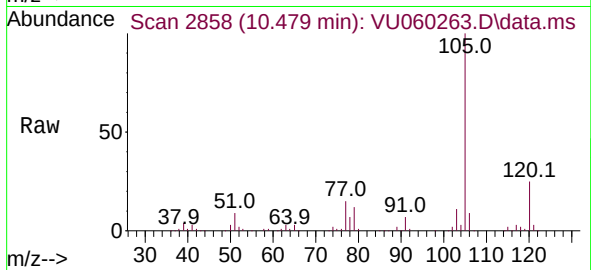
254 9.0 9.0 13.4



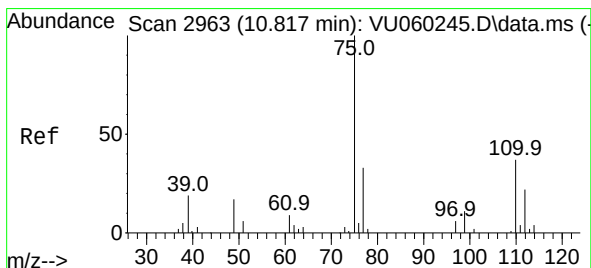
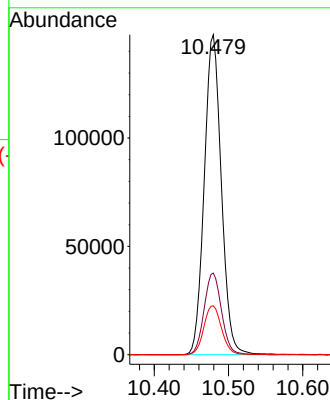
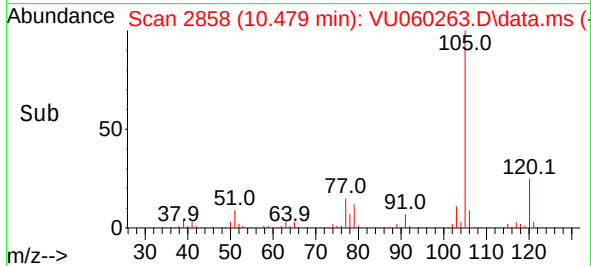


#60
Isopropylbenzene
Concen: 5.247 ug/L
RT: 10.479 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU060263.D
Acq: 29 Jul 2024 20:02

Instrument :
MSVOA_U
ClientSampleId :

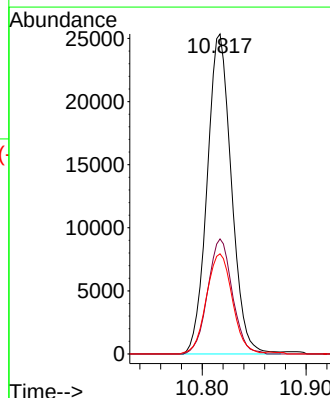
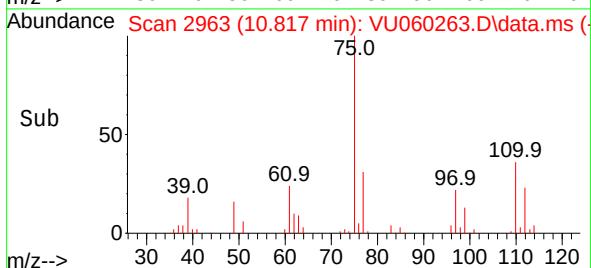
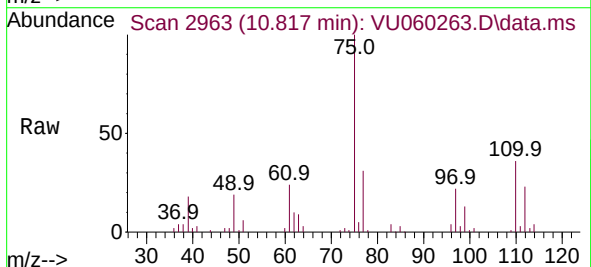


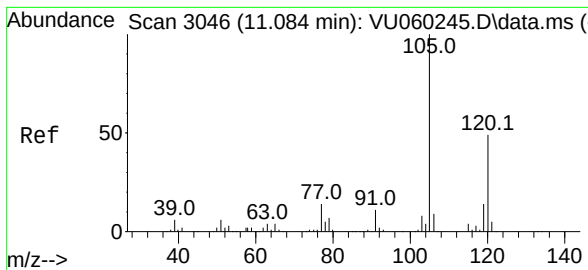
Tgt Ion:105 Resp: 235673
Ion Ratio Lower Upper
105 100
120 26.1 21.9 32.9
77 15.9 12.1 18.1



#61
1,2,3-Trichloropropane
Concen: 5.684 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. 0.000 min
Lab File: VU060263.D
Acq: 29 Jul 2024 20:02

Tgt Ion: 75 Resp: 41149
Ion Ratio Lower Upper
75 100
110 36.4 30.8 46.2
77 33.5 26.2 39.2

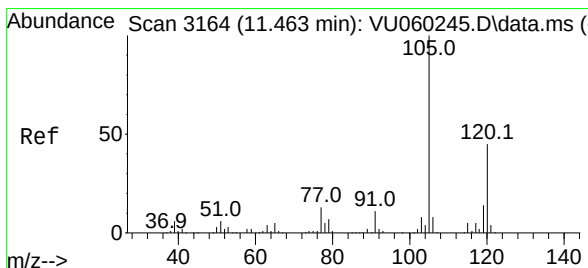
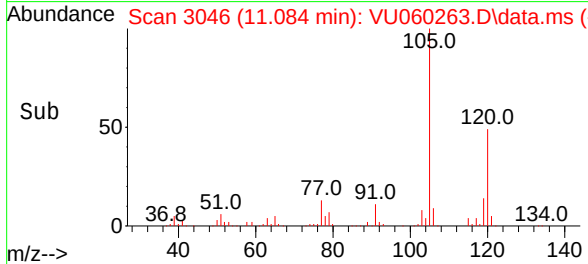
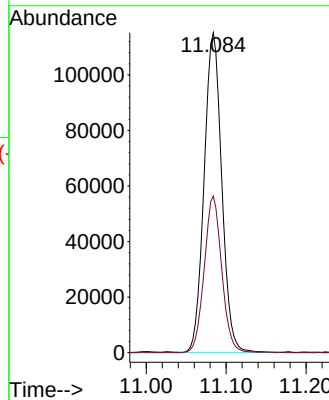
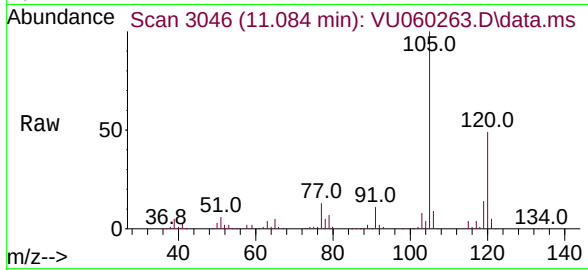




#62
 1,3,5-Trimethylbenzene
 Concen: 5.148 ug/L
 RT: 11.084 min Scan# 3046
 Delta R.T. 0.000 min
 Lab File: VU060263.D
 Acq: 29 Jul 2024 20:02

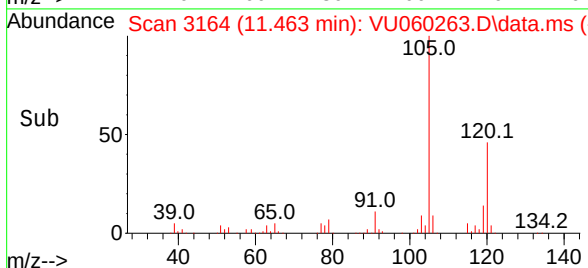
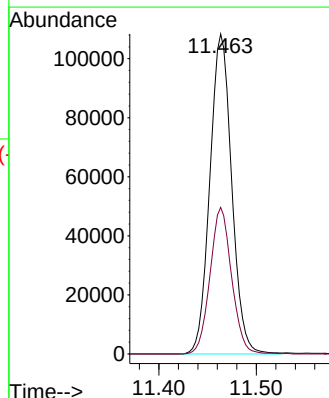
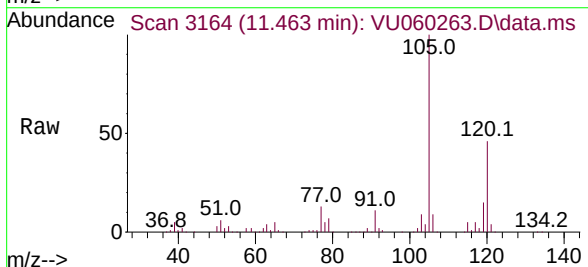
Instrument :
 MSVOA_U
 ClientSampleId :

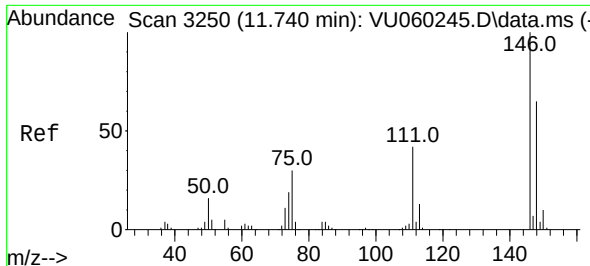
Tgt Ion:105 Resp: 176669
 Ion Ratio Lower Upper
 105 100
 120 48.8 39.4 59.2



#63
 1,2,4-Trimethylbenzene
 Concen: 5.087 ug/L
 RT: 11.463 min Scan# 3164
 Delta R.T. 0.000 min
 Lab File: VU060263.D
 Acq: 29 Jul 2024 20:02

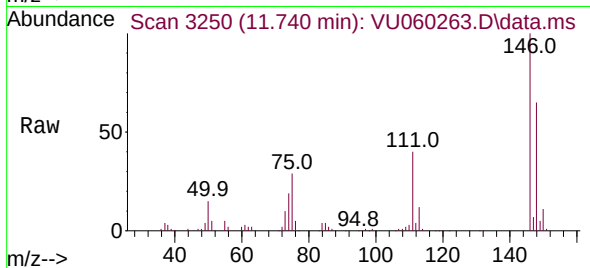
Tgt Ion:105 Resp: 168672
 Ion Ratio Lower Upper
 105 100
 120 45.2 36.7 55.1



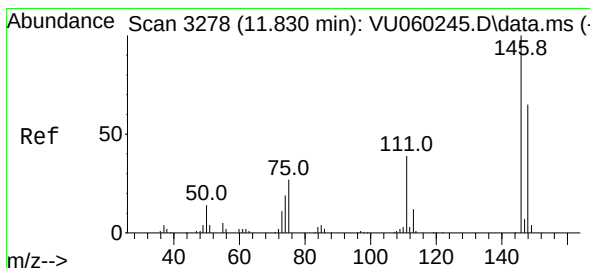
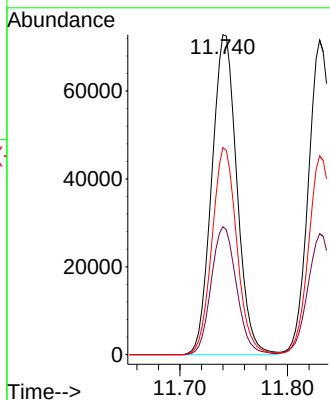
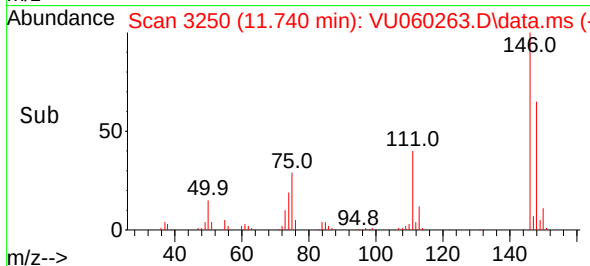


#64
1,3-Dichlorobenzene
Concen: 4.901 ug/L
RT: 11.740 min Scan# 3250
Delta R.T. 0.000 min
Lab File: VU060263.D
Acq: 29 Jul 2024 20:02

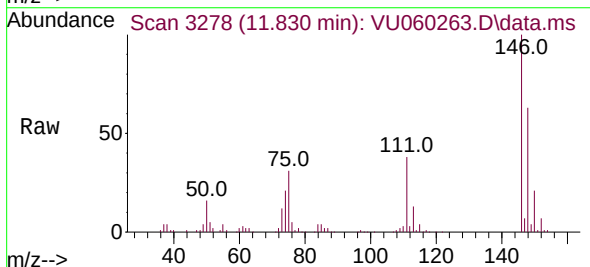
Instrument :
MSVOA_U
ClientSampleId :



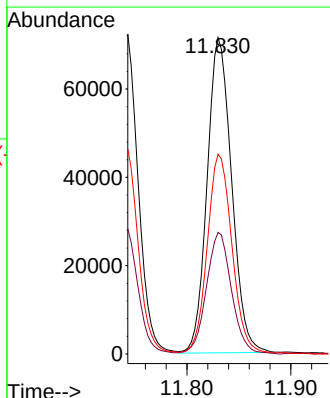
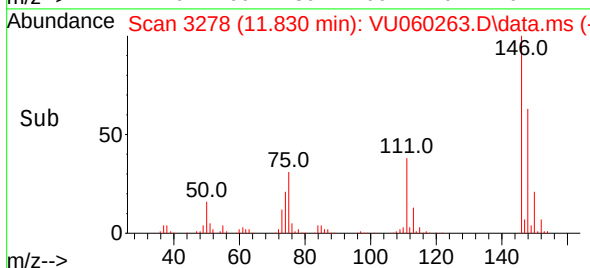
Tgt Ion:146 Resp: 118438
Ion Ratio Lower Upper
146 100
111 40.0 27.2 50.4
148 64.7 44.3 82.3

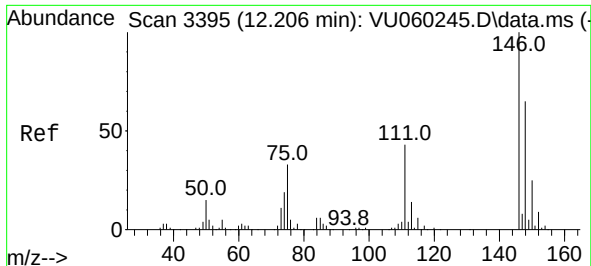


#65
1,4-Dichlorobenzene
Concen: 4.756 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. 0.000 min
Lab File: VU060263.D
Acq: 29 Jul 2024 20:02



Tgt Ion:146 Resp: 117008
Ion Ratio Lower Upper
146 100
111 38.4 26.5 49.1
148 63.2 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 4.930 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. 0.000 min

Lab File: VU060263.D

Acq: 29 Jul 2024 20:02

Instrument :

MSVOA_U

ClientSampleId :

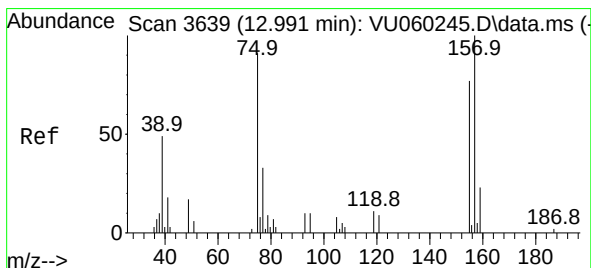
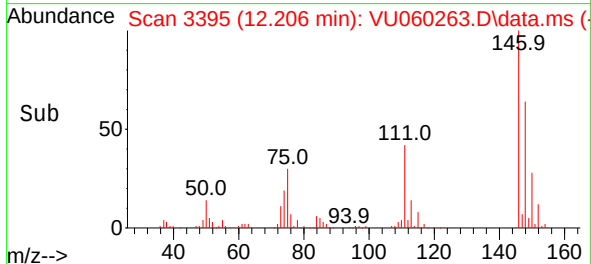
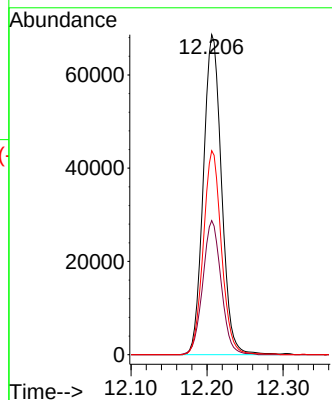
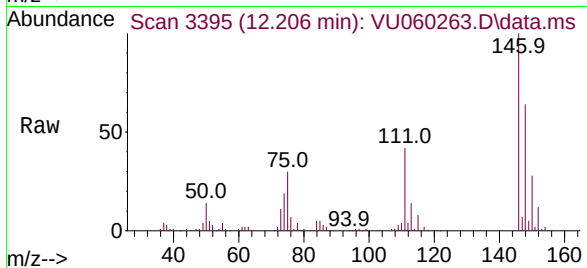
Tgt Ion:146 Resp: 114037

Ion Ratio Lower Upper

146 100

111 41.9 30.9 46.3

148 63.7 49.8 74.8



#68

1,2-Dibromo-3-chloropropane

Concen: 6.018 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. 0.000 min

Lab File: VU060263.D

Acq: 29 Jul 2024 20:02

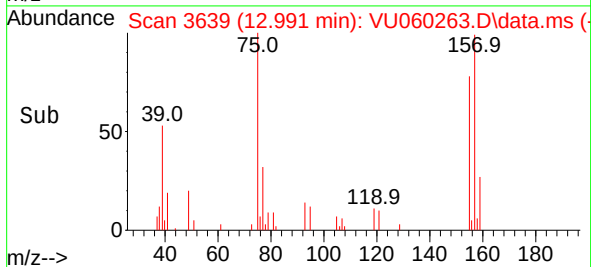
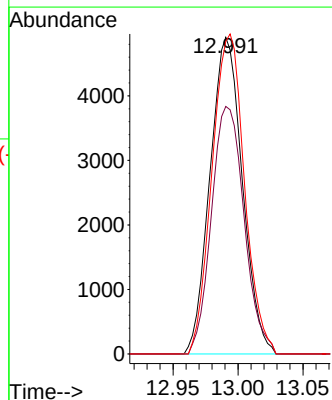
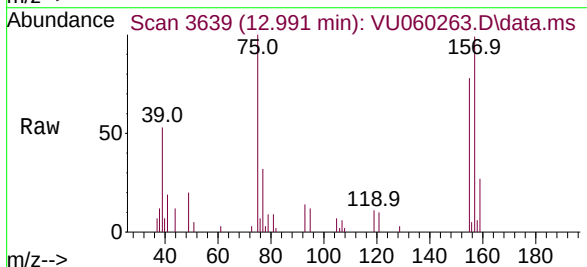
Tgt Ion: 75 Resp: 8491

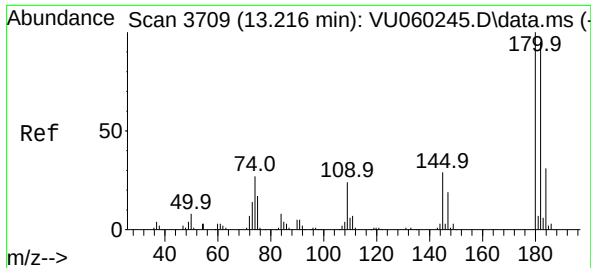
Ion Ratio Lower Upper

75 100

155 78.2 70.6 105.8

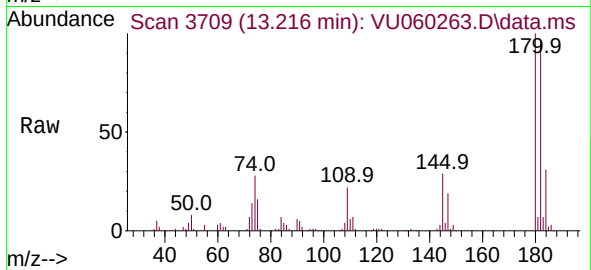
157 98.7 99.4 149.2#



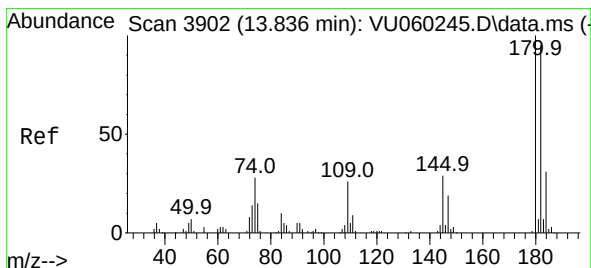
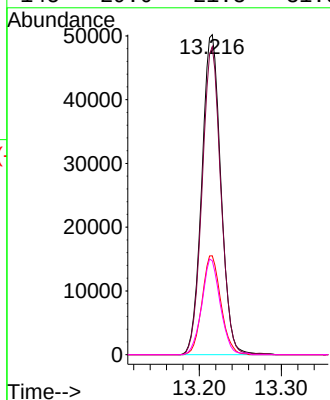
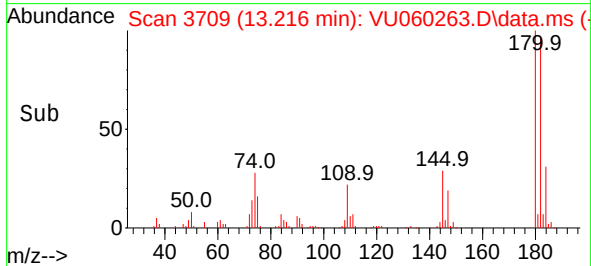


#69
1,3,5-Trichlorobenzene
Concen: 4.433 ug/L
RT: 13.216 min Scan# 3709
Delta R.T. 0.000 min
Lab File: VU060263.D
Acq: 29 Jul 2024 20:02

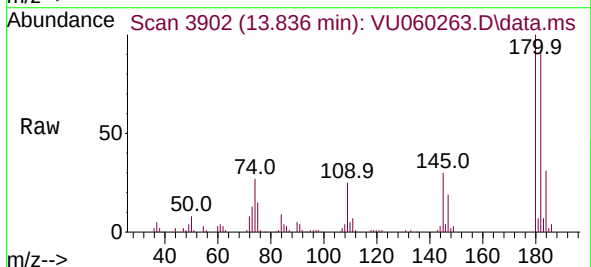
Instrument :
MSVOA_U
ClientSampleId :



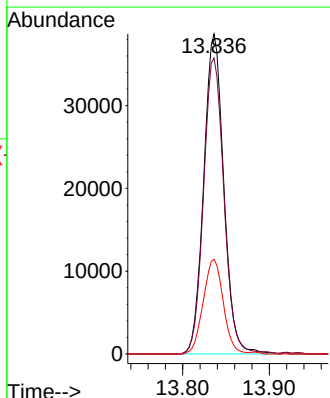
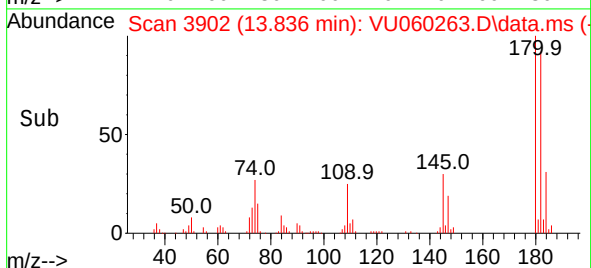
Tgt Ion:180 Resp: 80862
Ion Ratio Lower Upper
180 100
182 94.6 74.6 111.8
184 30.4 23.1 34.7
145 29.0 21.3 31.9

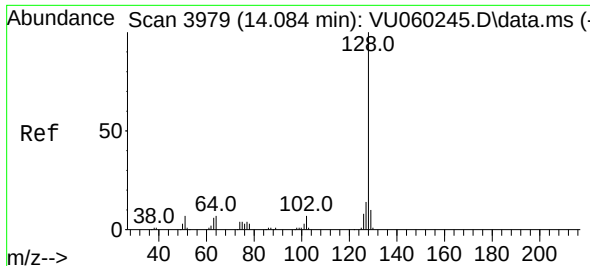


#70
1,2,4-trichlorobenzene
Concen: 4.478 ug/L
RT: 13.836 min Scan# 3902
Delta R.T. 0.000 min
Lab File: VU060263.D
Acq: 29 Jul 2024 20:02



Tgt Ion:180 Resp: 62165
Ion Ratio Lower Upper
180 100
182 93.7 77.2 115.8
145 29.6 23.0 34.4

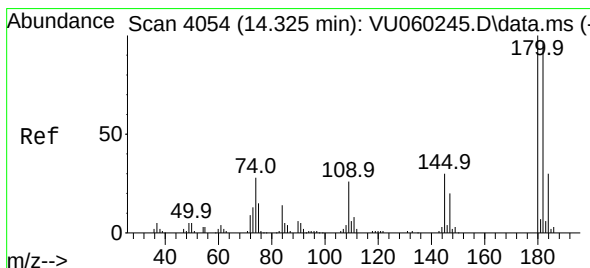
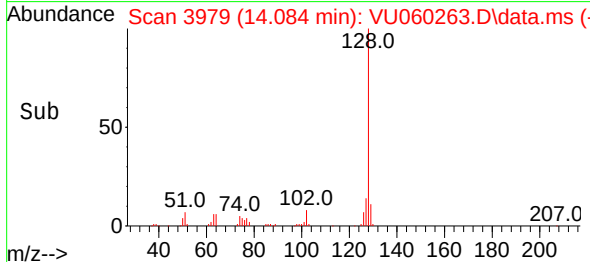
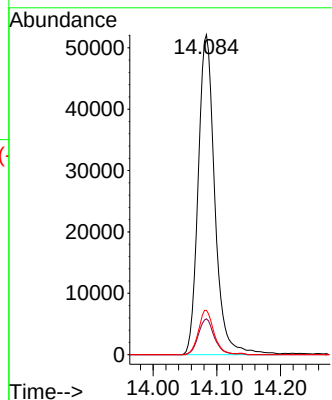
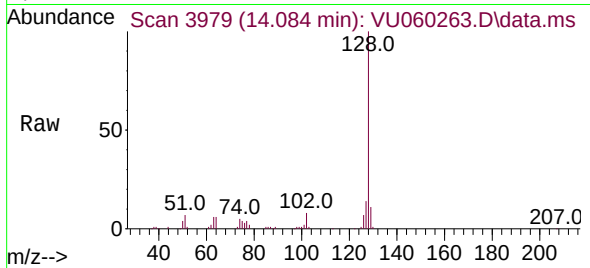




#71
Naphthalene
Concen: 4.806 ug/L
RT: 14.084 min Scan# 3979
Delta R.T. 0.000 min
Lab File: VU060263.D
Acq: 29 Jul 2024 20:02

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 94527
Ion Ratio Lower Upper
128 100
129 10.7 8.2 12.4
127 12.9 10.6 16.0



#72
1,2,3-Trichlorobenzene
Concen: 4.678 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. -0.003 min
Lab File: VU060263.D
Acq: 29 Jul 2024 20:02

Tgt Ion:180 Resp: 58404
Ion Ratio Lower Upper
180 100
182 95.5 76.3 114.5
145 31.1 23.9 35.9

