

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081324\
 Data File : VU060430.D
 Acq On : 13 Aug 2024 16:54
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 14 01:23:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Aug 14 01:18:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	80012	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	83298	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.805	152	45189	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	22632	3.604	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.000%
7) Chloroethane-d5	1.908	69	24330	4.296	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.000%
11) 1,1-Dichloroethene-d2	2.561	65	9955	3.724	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.400%
20) 2-Butanone-d5	4.628	46	80974	60.751	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.500%
24) Chloroform-d	5.056	84	63983	5.145	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.800%
26) 1,2-Dichloroethane-d4	5.695	65	32006	5.550	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.000%
32) Benzene-d6	5.721	84	115319	4.591	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
36) 1,2-Dichloropropane-d6	6.686	67	38436	4.933	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.600%
41) Toluene-d8	7.891	98	104564	4.662	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.200%
43) trans-1,3-Dichloroprop...	8.174	79	13026	5.171	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.400%
46) 2-Hexanone-d5	8.628	63	66598	59.572	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	119.140%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	35650	5.576	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	41118	4.939	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.381	85	24099	5.583	ug/L	99
3) Chloromethane	1.519	50	28380	5.286	ug/L	96
5) Vinyl chloride	1.599	62	33666	5.356	ug/L	97
6) Bromomethane	1.853	94	23206	5.214	ug/L	98
8) Chloroethane	1.930	64	22925	5.377	ug/L	99
9) Trichlorofluoromethane	2.133	101	53887	6.115	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	33013	5.685	ug/L	99
12) 1,1-Dichloroethene	2.573	96	27671	5.245	ug/L	87
13) Acetone	2.641	43	46539	51.131	ug/L	95
14) Carbon disulfide	2.786	76	67277	5.055	ug/L	98
15) Methyl Acetate	2.956	43	12668	6.717	ug/L	93
16) Methylene chloride	3.040	84	35756	4.768	ug/L	96
17) Methyl tert-butyl Ether	3.358	73	73480	5.908	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	29627	5.725	ug/L	96
19) 1,1-Dichloroethane	3.860	63	64032	5.992	ug/L	98
21) 2-Butanone	4.708	43	74932	55.235	ug/L	99
22) cis-1,2-Dichloroethene	4.657	96	35620	5.701	ug/L	96
23) Bromochloromethane	4.972	128	17168	5.954	ug/L	90
25) Chloroform	5.081	83	70828	6.093	ug/L	96

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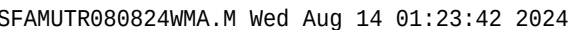
Instrument :
 MSVOA_U
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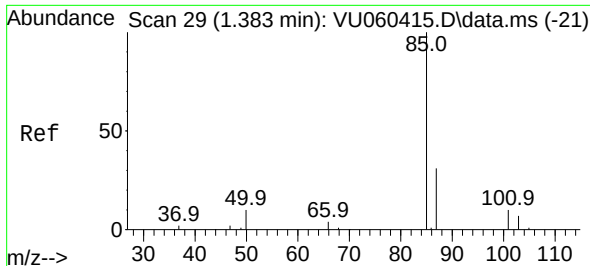
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.789	62	39558	6.399	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	56204	6.163	ug/L	98
30) Cyclohexane	5.380	56	38192	5.174	ug/L	98
31) Carbon tetrachloride	5.519	117	49362	6.177	ug/L	98
33) Benzene	5.766	78	140235	5.848	ug/L	100
34) Trichloroethene	6.535	95	35150	5.599	ug/L	93
35) Methylcyclohexane	6.757	83	42529	5.188	ug/L	99
37) 1,2-Dichloropropane	6.782	63	39268	6.016	ug/L	100
38) Bromodichloromethane	7.097	83	49416	6.125	ug/L	97
39) cis-1,3-Dichloropropene	7.602	75	48927	5.519	ug/L	100
40) 4-Methyl-2-pentanone	7.785	43	192021	63.025	ug/L	98
42) Toluene	7.962	91	151381	5.974	ug/L	96
44) trans-1,3-Dichloropropene	8.207	75	43369	5.922	ug/L	95
45) 1,1,2-Trichloroethane	8.393	97	29540	5.910	ug/L	97
47) Tetrachloroethene	8.547	164	28290	5.761	ug/L	95
48) 2-Hexanone	8.679	43	143773	62.248	ug/L	98
49) Dibromochloromethane	8.805	129	33635	6.328	ug/L	98
50) 1,2-Dibromoethane	8.917	107	25919	5.825	ug/L	93
51) Chlorobenzene	9.441	112	98426	5.757	ug/L	99
52) Ethylbenzene	9.563	91	150245	5.628	ug/L	99
53) m,p-Xylene	9.689	106	58209	5.737	ug/L	99
54) o-Xylene	10.094	106	56996	5.870	ug/L	97
55) Styrene	10.110	104	103305	6.149	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.776	83	37201	5.985	ug/L	99
59) Bromoform	10.284	173	20062	5.847	ug/L	99
60) Isopropylbenzene	10.477	105	153290	5.618	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	25313	5.786	ug/L	97
62) 1,3,5-Trimethylbenzene	11.081	105	119744	5.700	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	116541	5.630	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	79441	5.713	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	78293	5.585	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	74354	5.663	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.991	75	5221	6.366	ug/L	92
69) 1,3,5-Trichlorobenzene	13.213	180	54142	5.152	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	42705	5.176	ug/L	99
71) Naphthalene	14.081	128	58750	5.008	ug/L	98
72) 1,2,3-Trichlorobenzene	14.322	180	38803	5.249	ug/L	98

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

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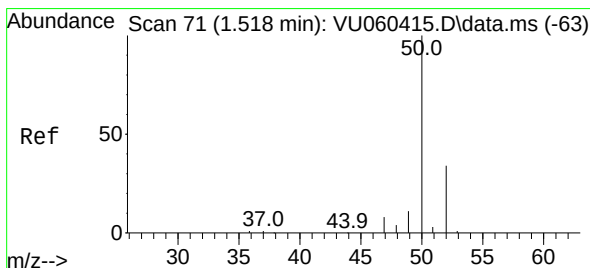
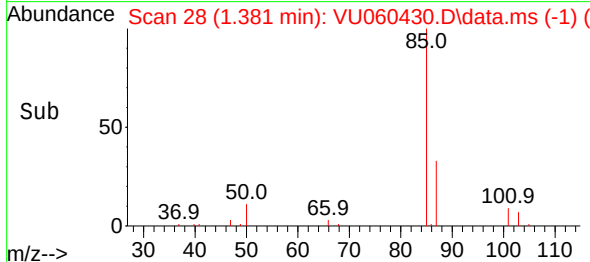
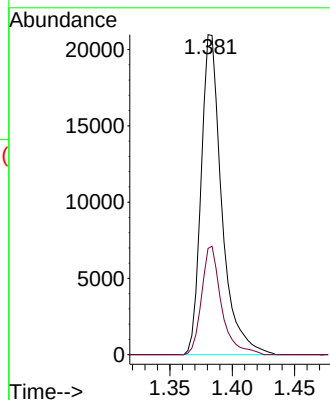
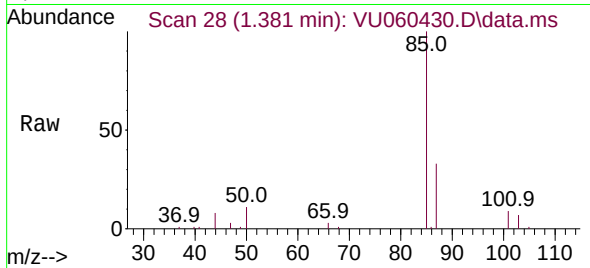




#2
 Dichlorodifluoromethane
 Concen: 5.583 ug/L
 RT: 1.381 min Scan# 29
 Delta R.T. -0.003 min
 Lab File: VU060430.D
 Acq: 13 Aug 2024 16:54

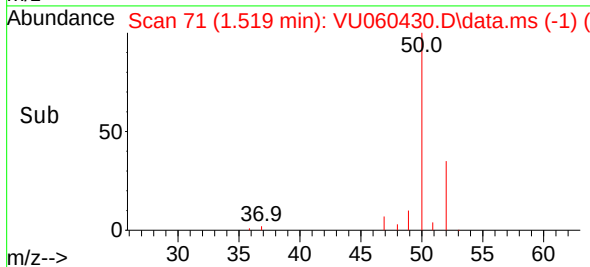
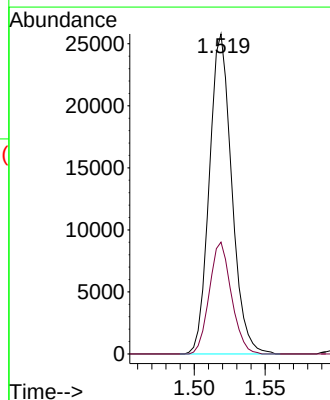
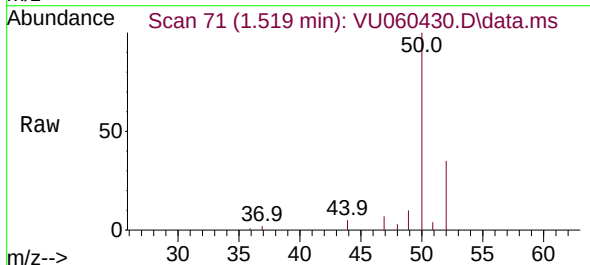
Instrument :
 MSVOA_U
 ClientSampleId :

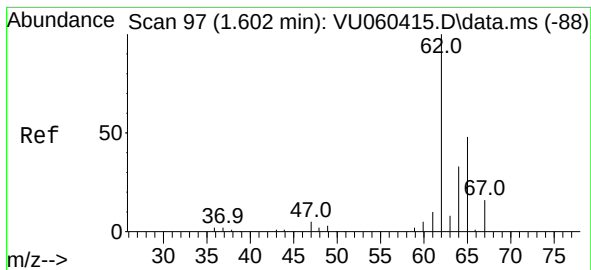
Tgt Ion: 85 Resp: 24099
 Ion Ratio Lower Upper
 85 100
 87 32.7 25.7 38.5



#3
 Chloromethane
 Concen: 5.286 ug/L
 RT: 1.519 min Scan# 71
 Delta R.T. 0.001 min
 Lab File: VU060430.D
 Acq: 13 Aug 2024 16:54

Tgt Ion: 50 Resp: 28380
 Ion Ratio Lower Upper
 50 100
 52 34.9 22.8 42.4





#5

Vinyl chloride

Concen: 5.356 ug/L

RT: 1.599 min Scan# 90

Delta R.T. -0.003 min

Lab File: VU060430.D

Acq: 13 Aug 2024 16:54

Instrument :

MSVOA_U

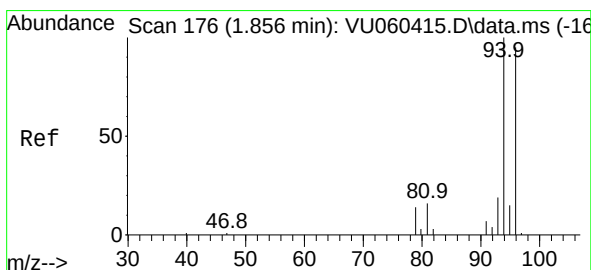
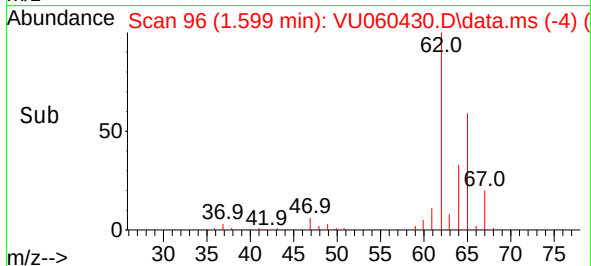
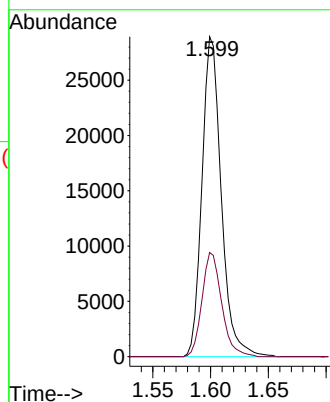
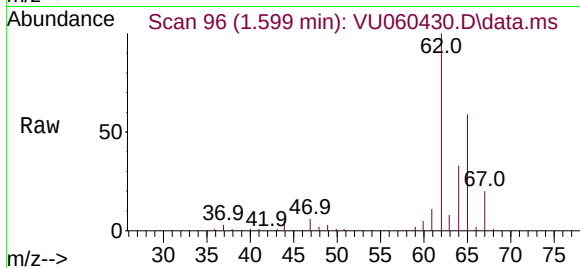
ClientSampleId :

Tgt Ion: 62 Resp: 33666

Ion Ratio Lower Upper

62 100

64 32.5 24.1 44.7



#6

Bromomethane

Concen: 5.214 ug/L

RT: 1.853 min Scan# 175

Delta R.T. -0.003 min

Lab File: VU060430.D

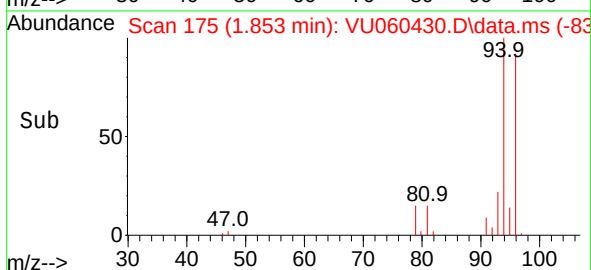
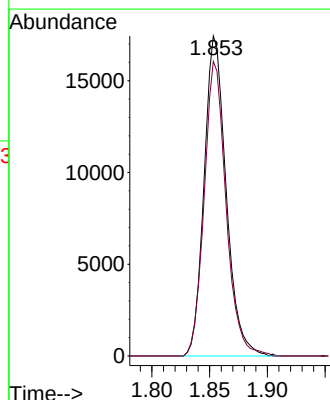
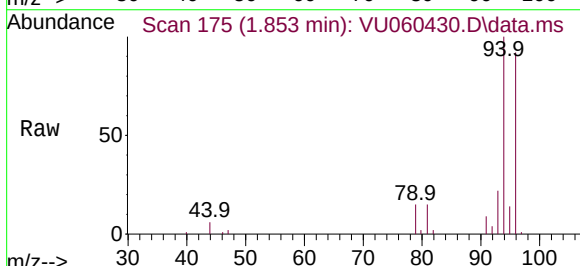
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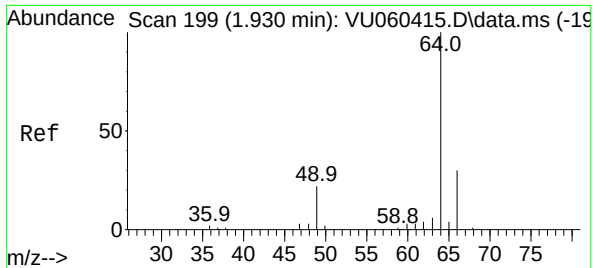
Tgt Ion: 94 Resp: 23206

Ion Ratio Lower Upper

94 100

96 92.1 63.2 117.4

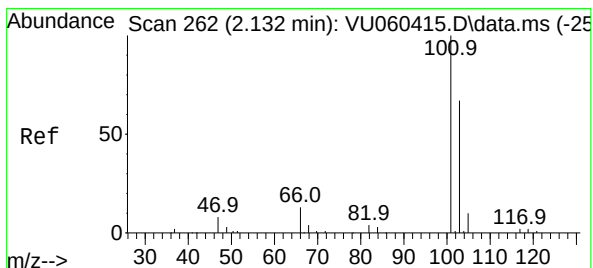
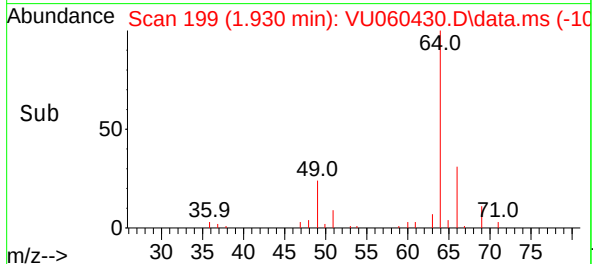
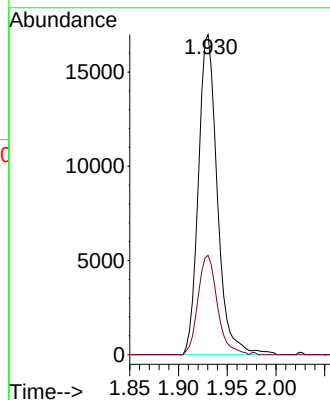
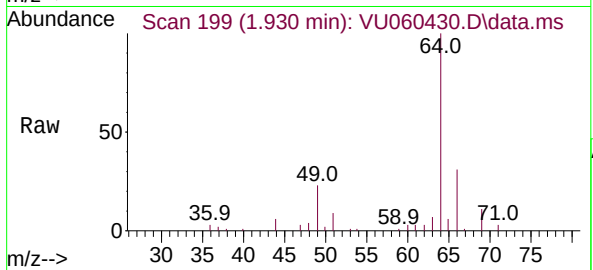




#8
Chloroethane
Concen: 5.377 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.001 min
Lab File: VU060430.D
Acq: 13 Aug 2024 16:54

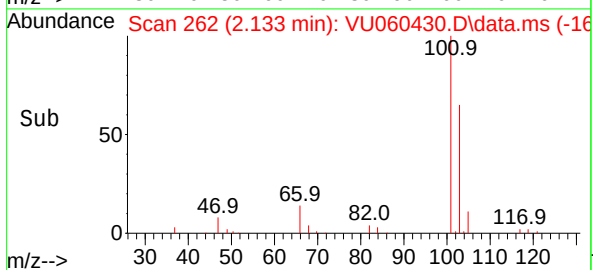
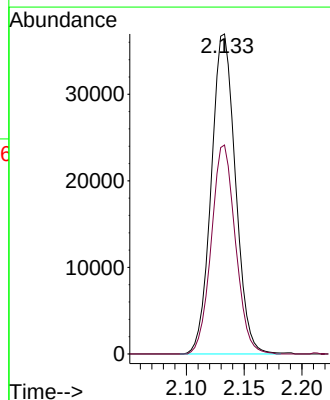
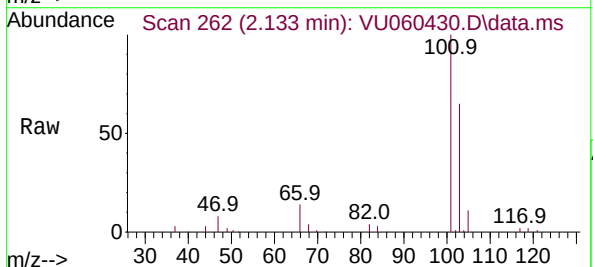
Instrument :
MSVOA_U
ClientSampleId :

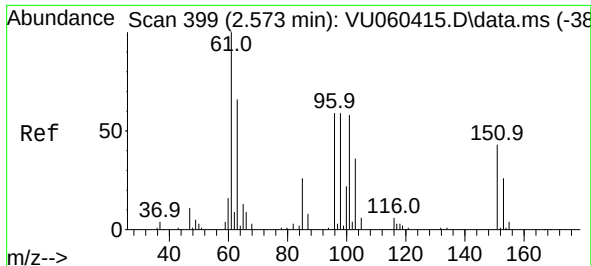
Tgt Ion: 64 Resp: 22925
Ion Ratio Lower Upper
64 100
66 31.0 22.2 41.2



#9
Trichlorofluoromethane
Concen: 6.115 ug/L
RT: 2.133 min Scan# 262
Delta R.T. 0.001 min
Lab File: VU060430.D
Acq: 13 Aug 2024 16:54

Tgt Ion:101 Resp: 53887
Ion Ratio Lower Upper
101 100
103 65.1 51.7 77.5





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 5.685 ug/L

RT: 2.573 min Scan# 399

Delta R.T. 0.001 min

Lab File: VU060430.D

Acq: 13 Aug 2024 16:54

Instrument :

MSVOA_U

ClientSampleId :

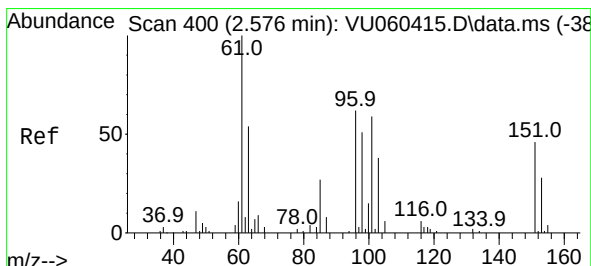
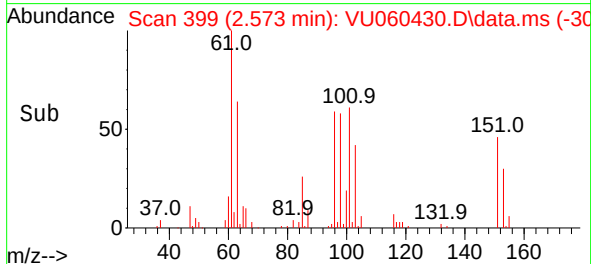
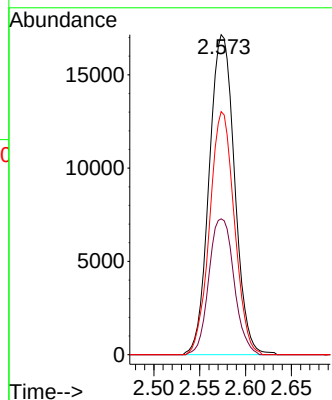
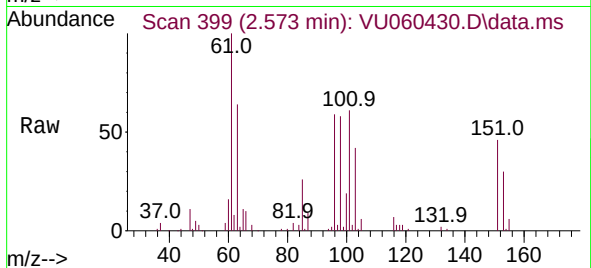
Tgt Ion:101 Resp: 33013

Ion Ratio Lower Upper

101 100

85 42.0 33.5 50.3

151 73.9 59.7 89.5



#12

1,1-Dichloroethene

Concen: 5.245 ug/L

RT: 2.573 min Scan# 399

Delta R.T. -0.003 min

Lab File: VU060430.D

Acq: 13 Aug 2024 16:54

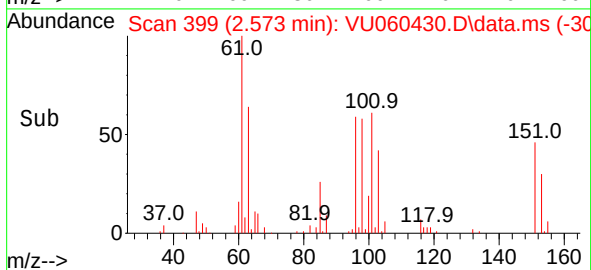
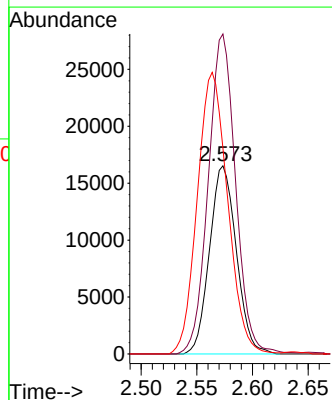
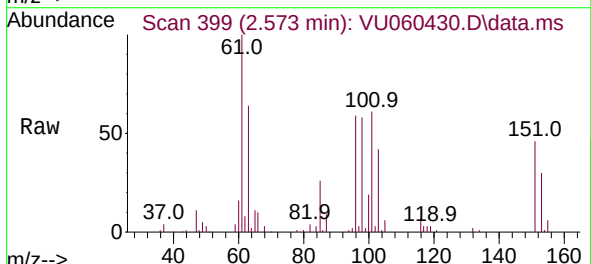
Tgt Ion: 96 Resp: 27671

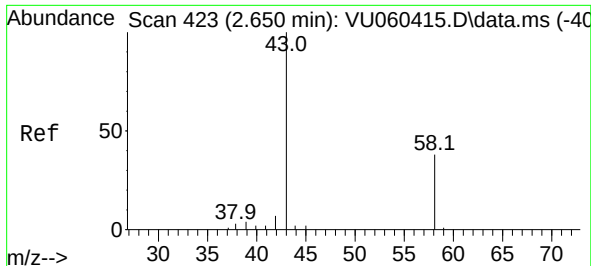
Ion Ratio Lower Upper

96 100

61 170.0 114.4 212.4

63 109.4 96.0 178.4





#13

Acetone

Concen: 51.131 ug/L

RT: 2.641 min Scan# 41

Delta R.T. -0.009 min

Lab File: VU060430.D

Acq: 13 Aug 2024 16:54

Instrument :

MSVOA_U

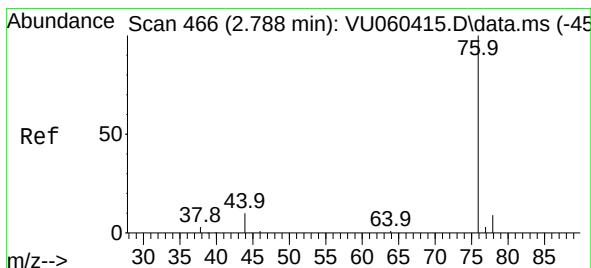
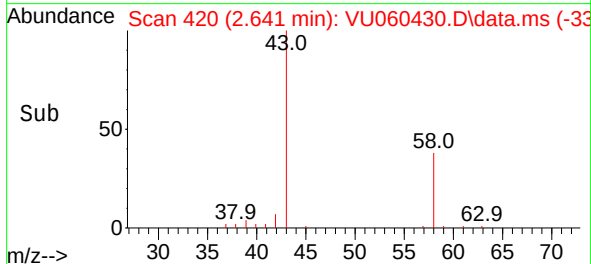
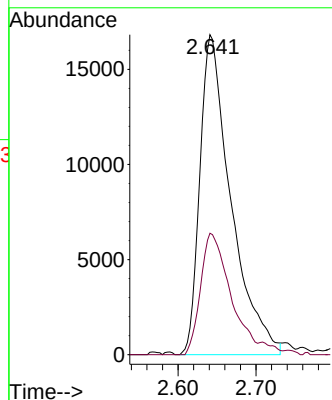
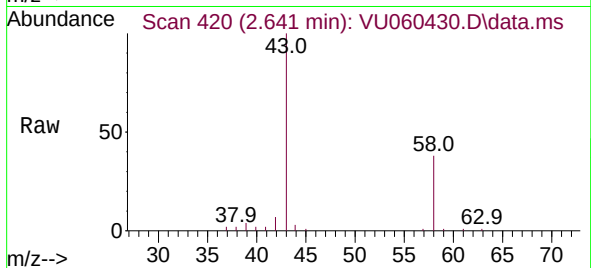
ClientSampleId :

Tgt Ion: 43 Resp: 46539

Ion Ratio Lower Upper

43 100

58 36.3 0.0 78.8



#14

Carbon disulfide

Concen: 5.055 ug/L

RT: 2.786 min Scan# 465

Delta R.T. -0.003 min

Lab File: VU060430.D

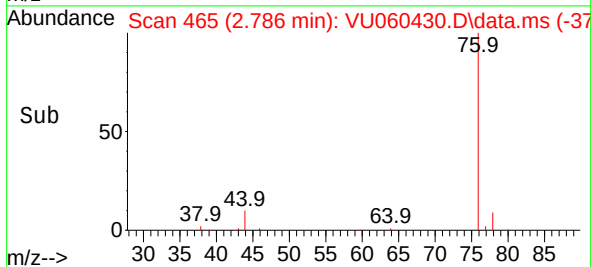
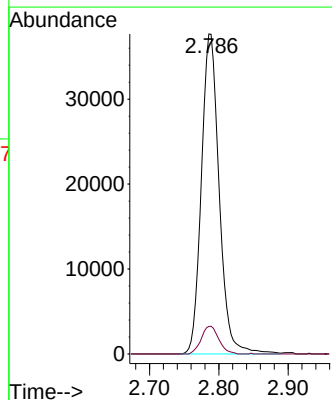
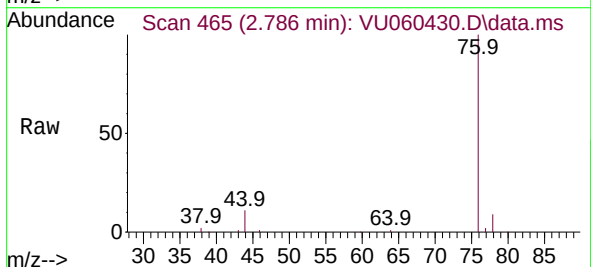
Acq: 13 Aug 2024 16:54

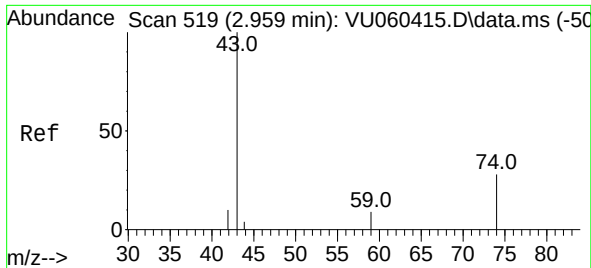
Tgt Ion: 76 Resp: 67277

Ion Ratio Lower Upper

76 100

78 8.6 7.4 11.0

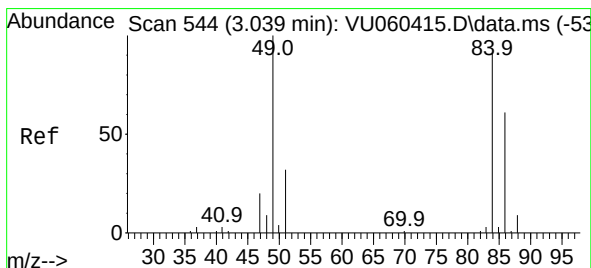
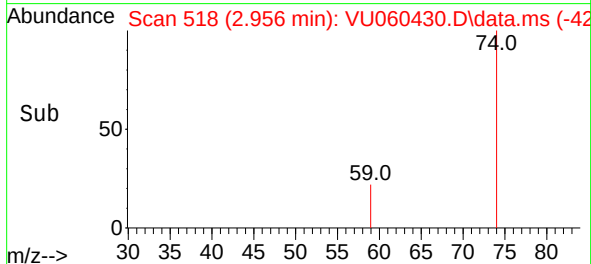
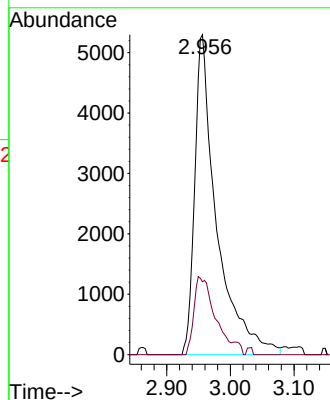
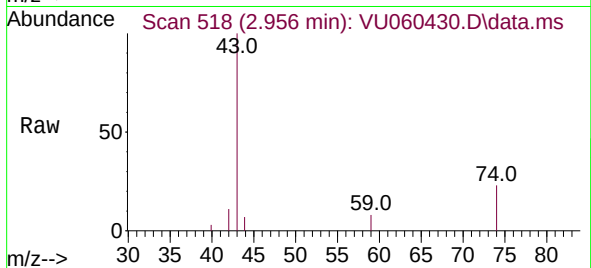




#15
Methyl Acetate
Concen: 6.717 ug/L
RT: 2.956 min Scan# 519
Delta R.T. -0.003 min
Lab File: VU060430.D
Acq: 13 Aug 2024 16:54

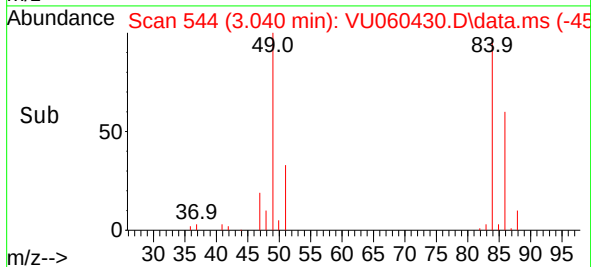
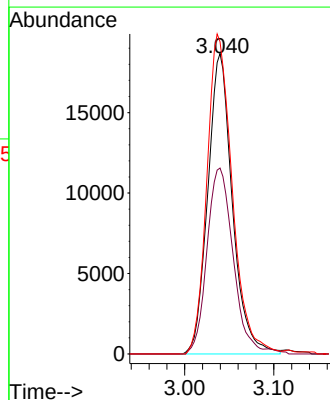
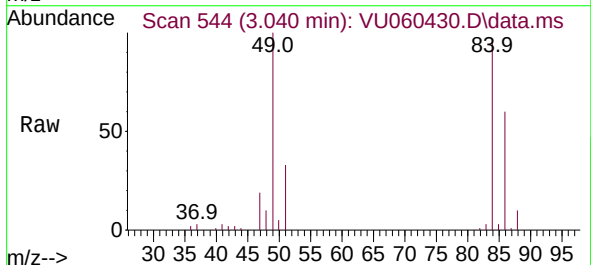
Instrument :
MSVOA_U
ClientSampleId :

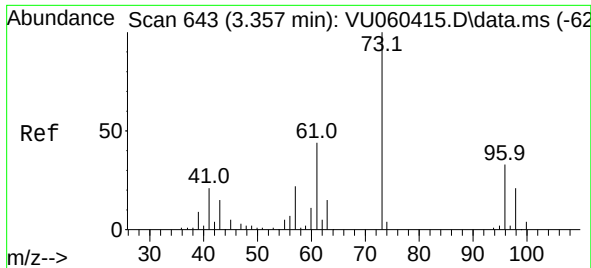
Tgt Ion: 43 Resp: 12668
Ion Ratio Lower Upper
43 100
74 22.9 21.3 31.9



#16
Methylene chloride
Concen: 4.768 ug/L
RT: 3.040 min Scan# 544
Delta R.T. 0.001 min
Lab File: VU060430.D
Acq: 13 Aug 2024 16:54

Tgt Ion: 84 Resp: 35756
Ion Ratio Lower Upper
84 100
86 61.9 47.1 87.5
49 103.9 73.9 137.3

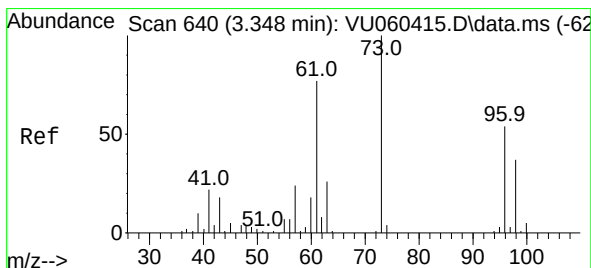
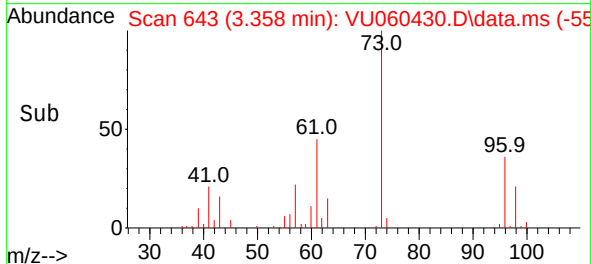
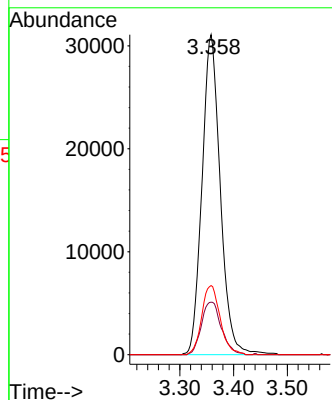
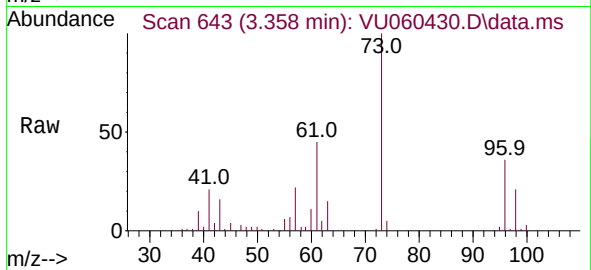




#17
Methyl tert-butyl Ether
Concen: 5.908 ug/L
RT: 3.358 min Scan# 641
Delta R.T. 0.001 min
Lab File: VU060430.D
Acq: 13 Aug 2024 16:54

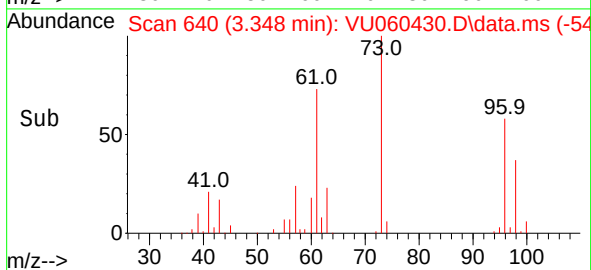
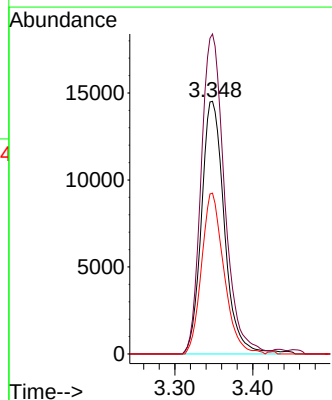
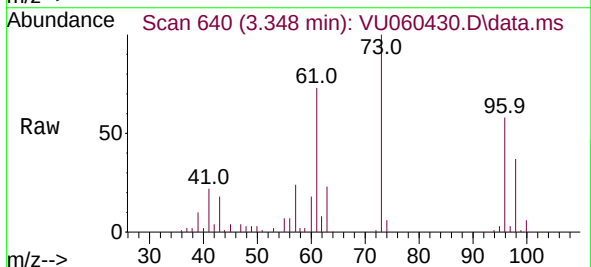
Instrument :
MSVOA_U
ClientSampleId :

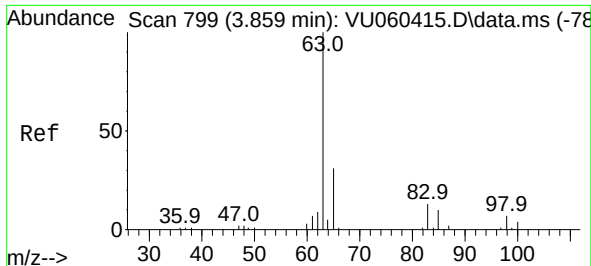
Tgt Ion: 73 Resp: 73480
Ion Ratio Lower Upper
73 100
43 17.9 12.8 19.2
57 21.8 17.5 26.3



#18
trans-1,2-Dichloroethene
Concen: 5.725 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.001 min
Lab File: VU060430.D
Acq: 13 Aug 2024 16:54

Tgt Ion: 96 Resp: 29627
Ion Ratio Lower Upper
96 100
61 126.7 93.7 174.1
98 63.7 44.7 82.9

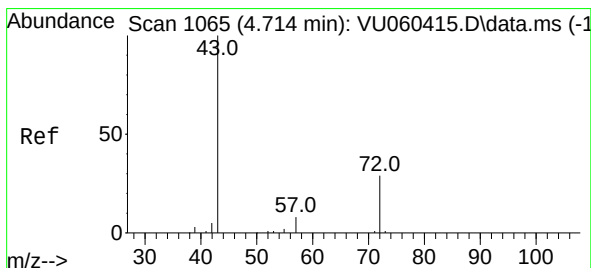
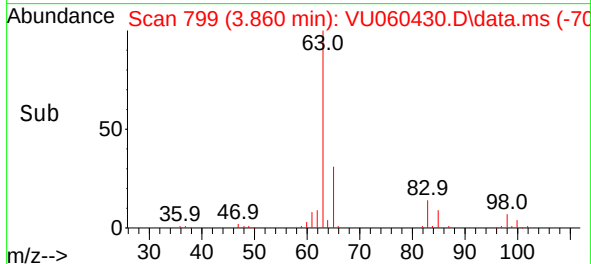
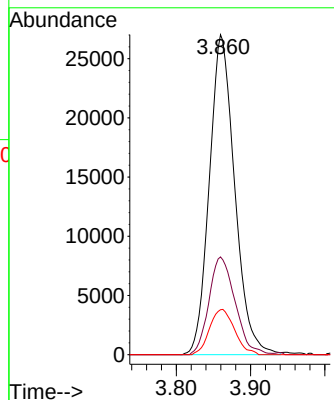
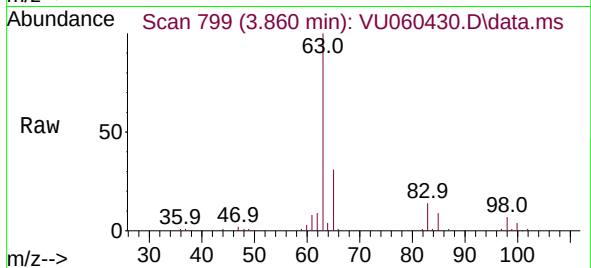




#19
1,1-Dichloroethane
Concen: 5.992 ug/L
RT: 3.860 min Scan# 799
Delta R.T. 0.001 min
Lab File: VU060430.D
Acq: 13 Aug 2024 16:54

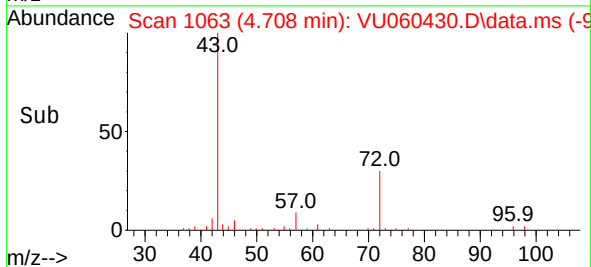
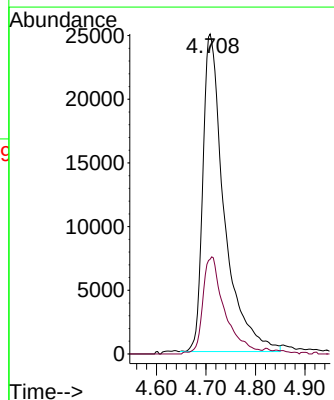
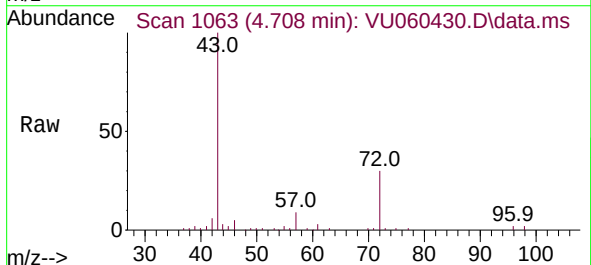
Instrument :
MSVOA_U
ClientSampleId :

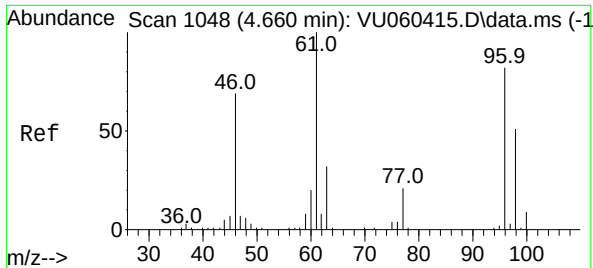
Tgt Ion: 63 Resp: 64032
Ion Ratio Lower Upper
63 100
65 30.5 22.2 41.2
83 14.1 9.1 16.9



#21
2-Butanone
Concen: 55.235 ug/L
RT: 4.708 min Scan# 1063
Delta R.T. -0.006 min
Lab File: VU060430.D
Acq: 13 Aug 2024 16:54

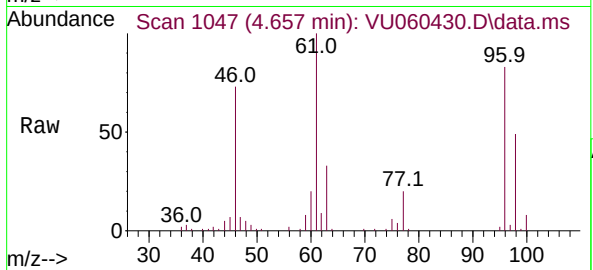
Tgt Ion: 43 Resp: 74932
Ion Ratio Lower Upper
43 100
72 31.3 15.9 47.6



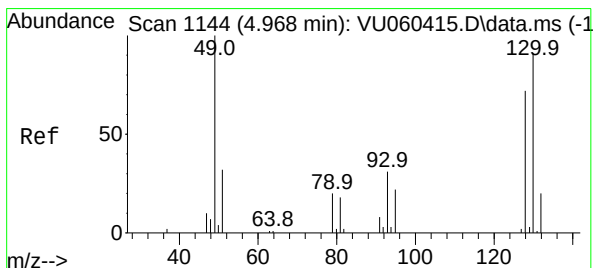
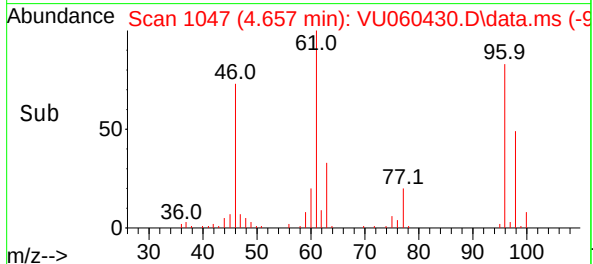
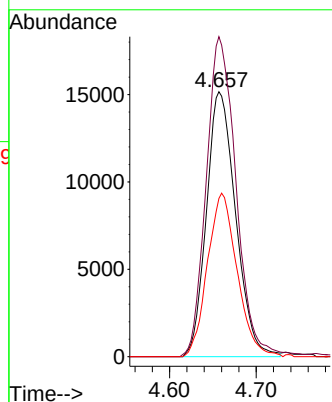


#22
 cis-1,2-Dichloroethene
 Concen: 5.701 ug/L
 RT: 4.657 min Scan# 1047
 Delta R.T. -0.003 min
 Lab File: VU060430.D
 Acq: 13 Aug 2024 16:54

Instrument :
 MSVOA_U
 ClientSampleId :

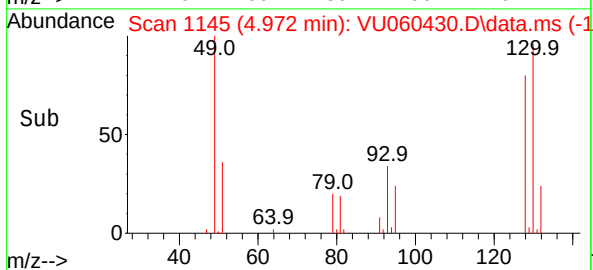
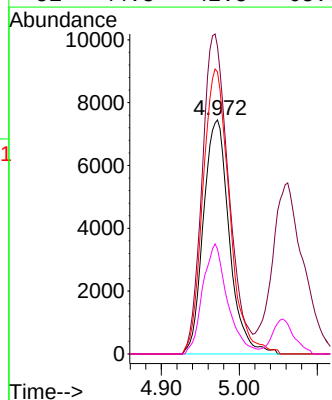
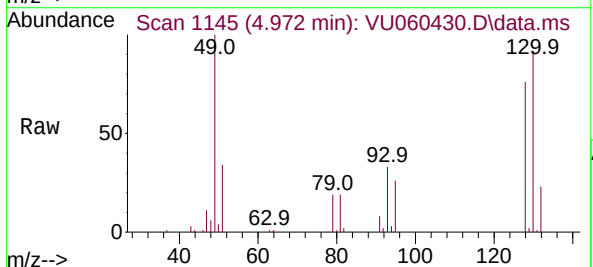


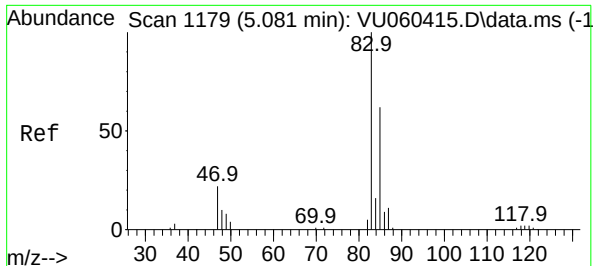
Tgt Ion: 96 Resp: 35620
 Ion Ratio Lower Upper
 96 100
 61 120.8 81.5 151.5
 98 59.7 43.5 80.7



#23
 Bromochloromethane
 Concen: 5.954 ug/L
 RT: 4.972 min Scan# 1145
 Delta R.T. 0.004 min
 Lab File: VU060430.D
 Acq: 13 Aug 2024 16:54

Tgt Ion: 128 Resp: 17168
 Ion Ratio Lower Upper
 128 100
 49 131.4 101.0 187.6
 130 120.5 92.7 172.1
 51 44.8 42.5 63.7





#25

Chloroform

Concen: 6.093 ug/L

RT: 5.081 min Scan# 1179

Delta R.T. 0.001 min

Lab File: VU060430.D

Acq: 13 Aug 2024 16:54

Instrument :

MSVOA_U

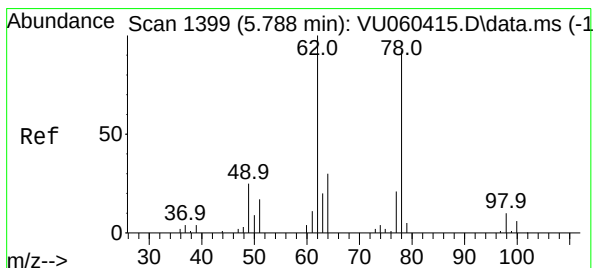
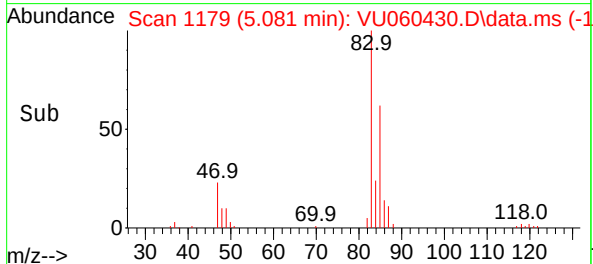
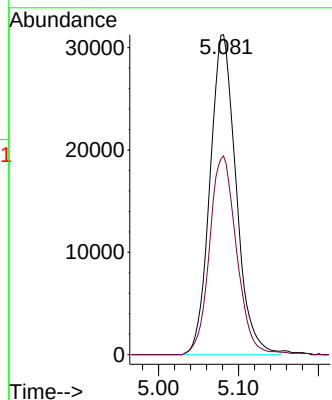
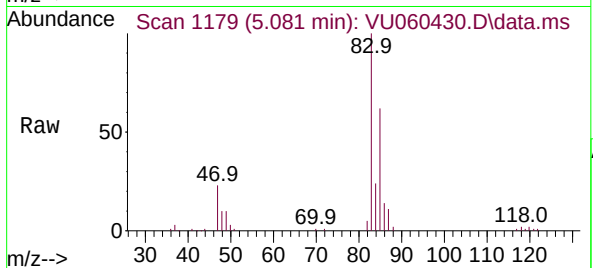
ClientSampleId :

Tgt Ion: 83 Resp: 70828

Ion Ratio Lower Upper

83 100

85 62.1 45.6 84.6



#27

1,2-Dichloroethane

Concen: 6.399 ug/L

RT: 5.789 min Scan# 1399

Delta R.T. 0.001 min

Lab File: VU060430.D

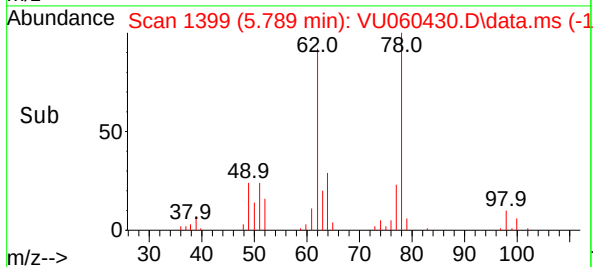
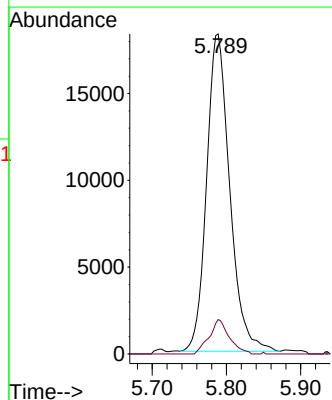
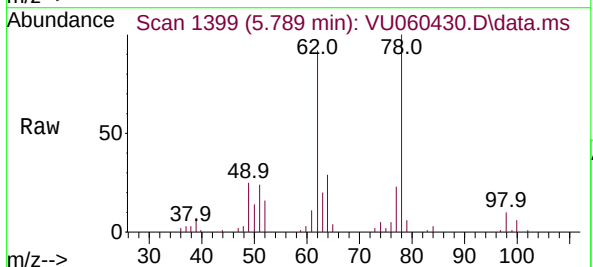
Acq: 13 Aug 2024 16:54

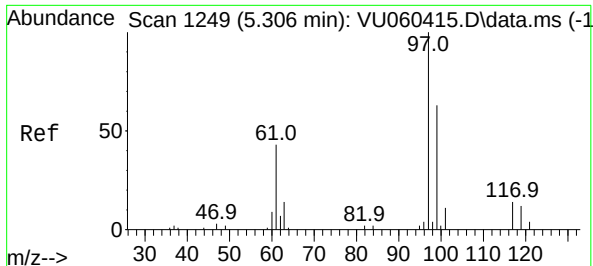
Tgt Ion: 62 Resp: 39558

Ion Ratio Lower Upper

62 100

98 10.7 9.0 13.6

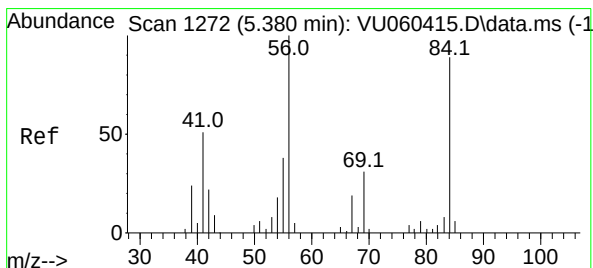
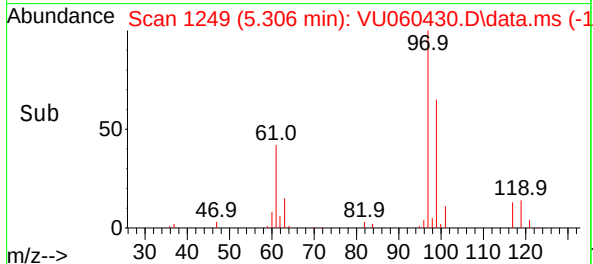
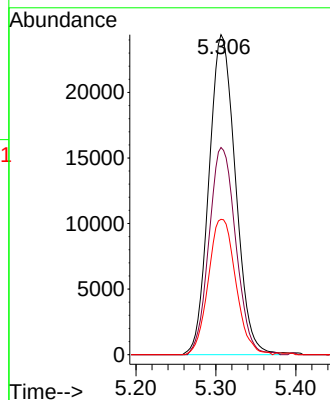
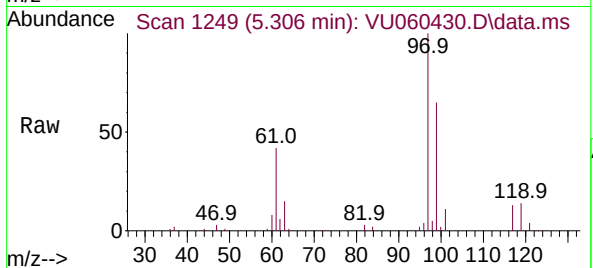




#29
1,1,1-Trichloroethane
Concen: 6.163 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.001 min
Lab File: VU060430.D
Acq: 13 Aug 2024 16:54

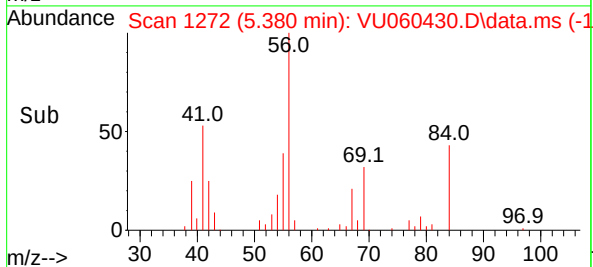
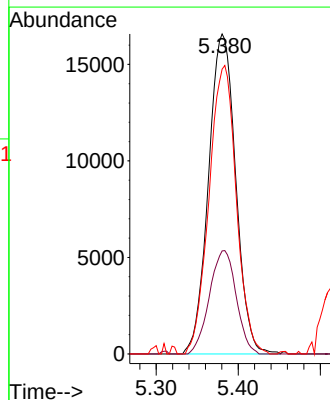
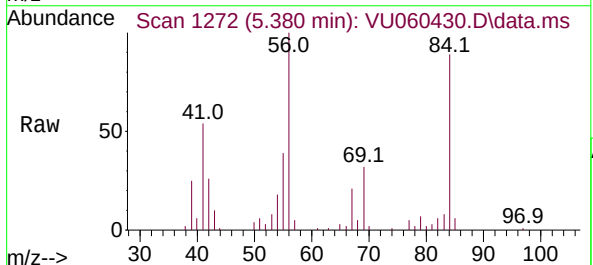
Instrument :
MSVOA_U
ClientSampleId :

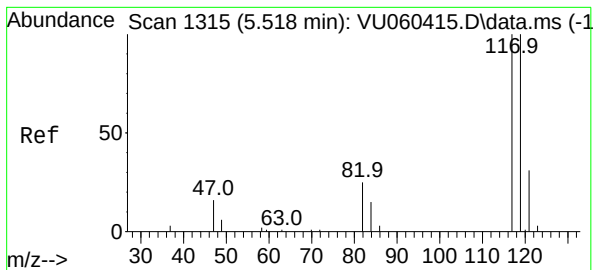
Tgt Ion: 97	Resp: 56204
Ion Ratio	Lower Upper
97 100	
99 65.4	51.4 77.2
61 43.8	33.0 49.6



#30
Cyclohexane
Concen: 5.174 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.001 min
Lab File: VU060430.D
Acq: 13 Aug 2024 16:54

Tgt Ion: 56	Resp: 38192
Ion Ratio	Lower Upper
56 100	
69 31.8	24.7 37.1
84 90.5	70.7 106.1

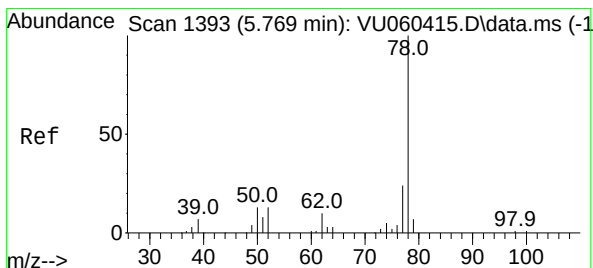
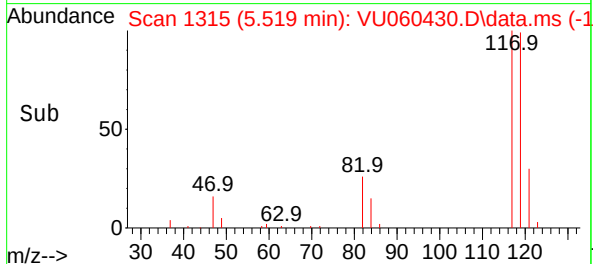
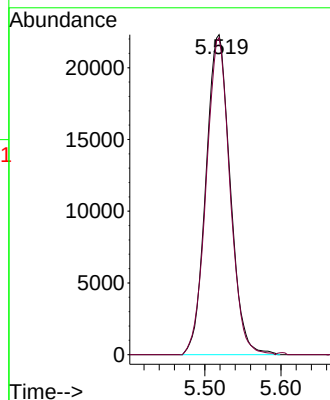
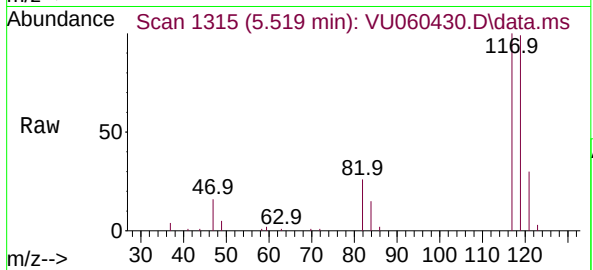




#31
Carbon tetrachloride
Concen: 6.177 ug/L
RT: 5.519 min Scan# 1315
Delta R.T. 0.001 min
Lab File: VU060430.D
Acq: 13 Aug 2024 16:54

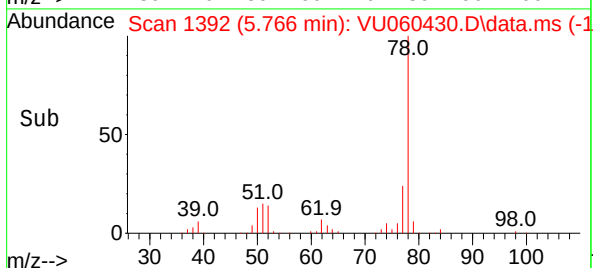
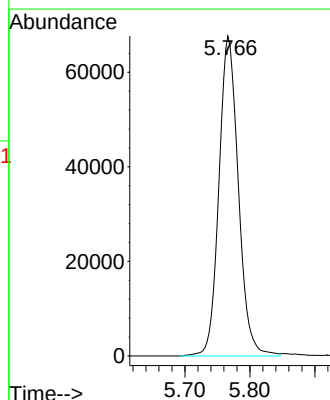
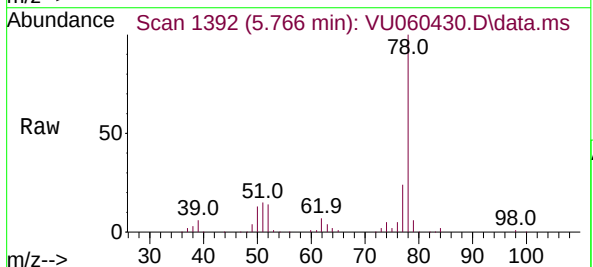
Instrument :
MSVOA_U
ClientSampleId :

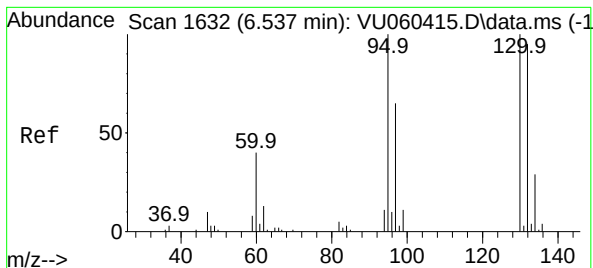
Tgt Ion:117 Resp: 49362
Ion Ratio Lower Upper
117 100
119 96.8 75.8 113.8



#33
Benzene
Concen: 5.848 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.003 min
Lab File: VU060430.D
Acq: 13 Aug 2024 16:54

Tgt Ion: 78 Resp: 140235





#34

Trichloroethene

Concen: 5.599 ug/L

RT: 6.535 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU060430.D

Acq: 13 Aug 2024 16:54

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 35150

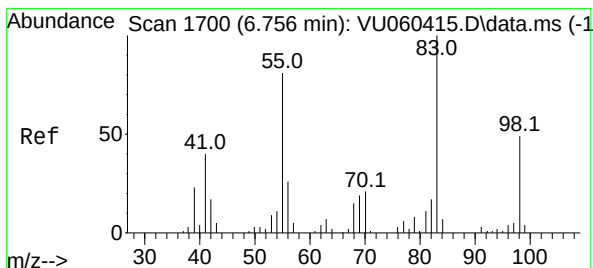
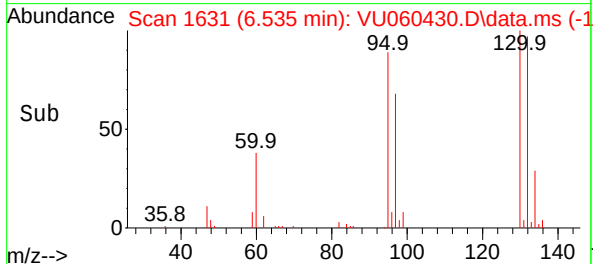
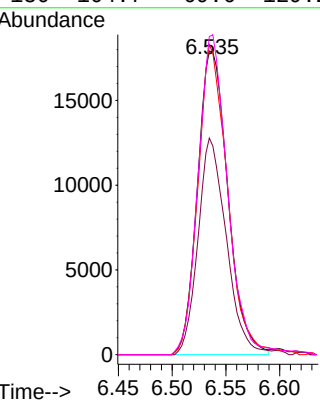
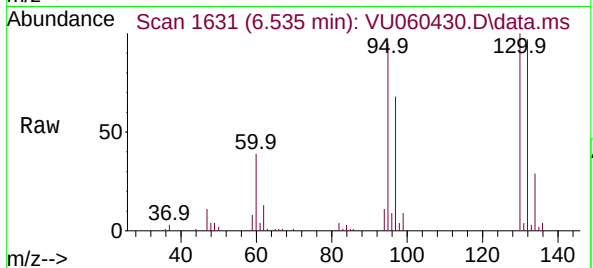
Ion Ratio Lower Upper

95 100

97 71.3 43.6 81.0

132 102.1 67.1 124.5

130 104.7 69.6 129.2



#35

Methylcyclohexane

Concen: 5.188 ug/L

RT: 6.757 min Scan# 1700

Delta R.T. 0.001 min

Lab File: VU060430.D

Acq: 13 Aug 2024 16:54

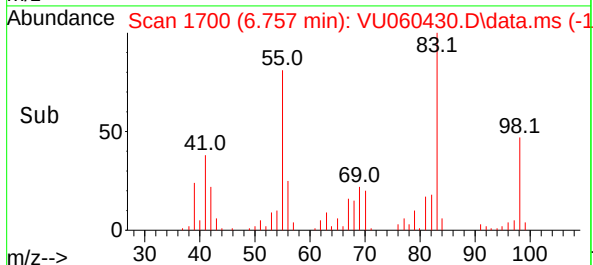
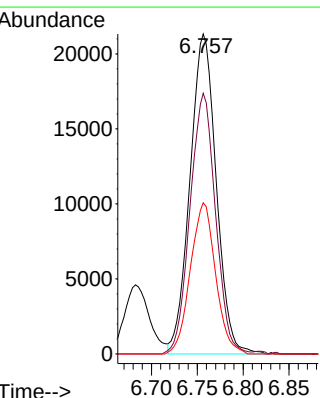
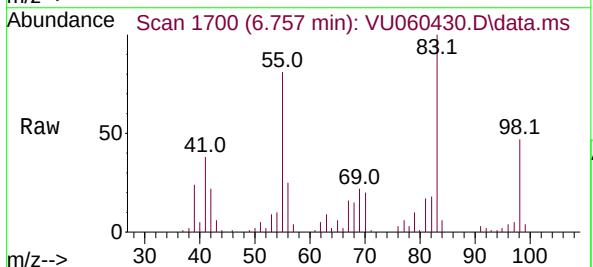
Tgt Ion: 83 Resp: 42529

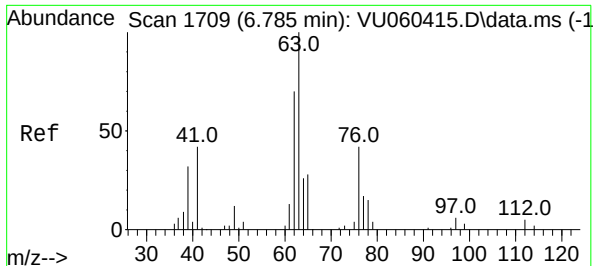
Ion Ratio Lower Upper

83 100

55 79.0 62.4 93.6

98 45.3 37.3 55.9

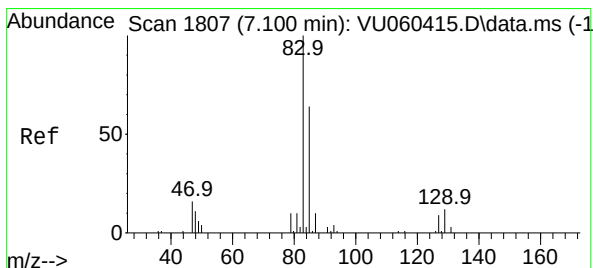
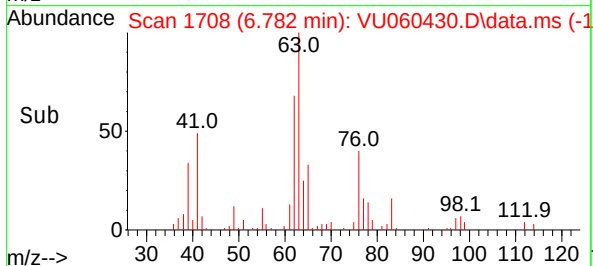
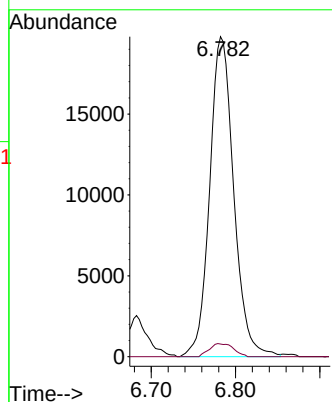
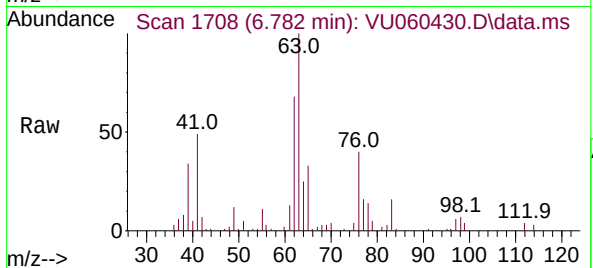




#37
1,2-Dichloropropane
Concen: 6.016 ug/L
RT: 6.782 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU060430.D
Acq: 13 Aug 2024 16:54

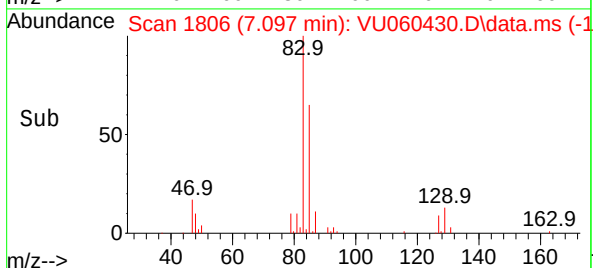
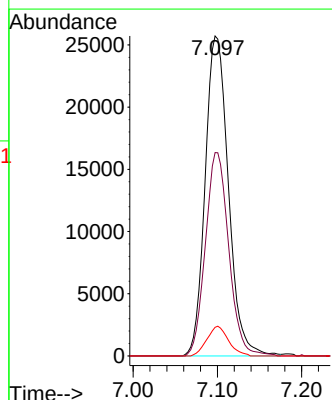
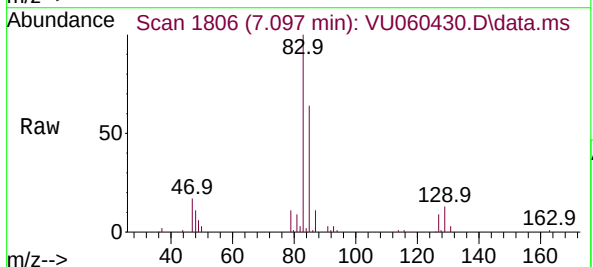
Instrument :
MSVOA_U
ClientSampleId :

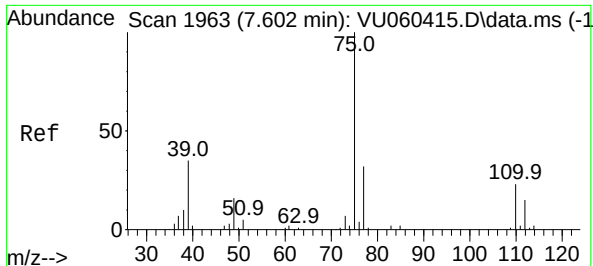
Tgt Ion: 63 Resp: 39268
Ion Ratio Lower Upper
63 100
112 4.1 3.3 4.9



#38
Bromodichloromethane
Concen: 6.125 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.003 min
Lab File: VU060430.D
Acq: 13 Aug 2024 16:54

Tgt Ion: 83 Resp: 49416
Ion Ratio Lower Upper
83 100
85 63.6 42.4 78.8
127 8.9 7.0 10.4

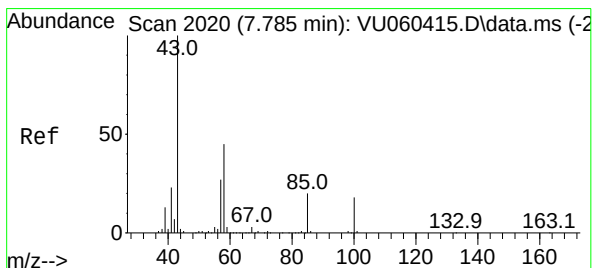
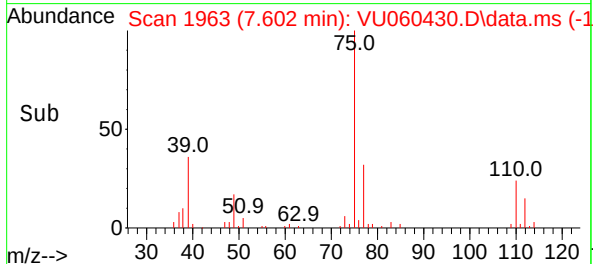
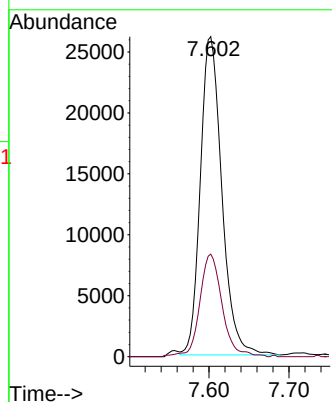
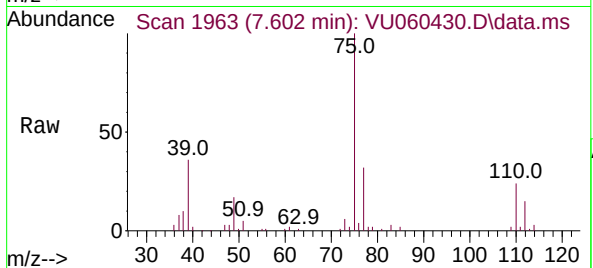




#39
cis-1,3-Dichloropropene
Concen: 5.519 ug/L
RT: 7.602 min Scan# 1963
Delta R.T. 0.001 min
Lab File: VU060430.D
Acq: 13 Aug 2024 16:54

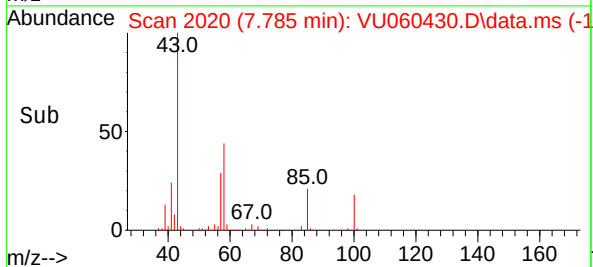
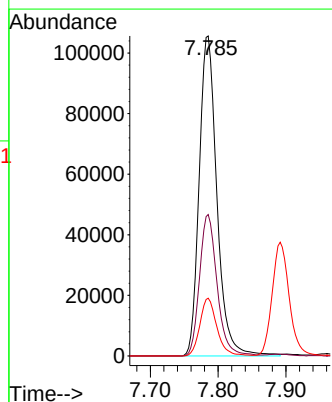
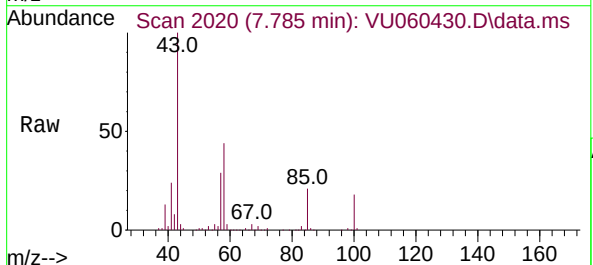
Instrument :
MSVOA_U
ClientSampleId :

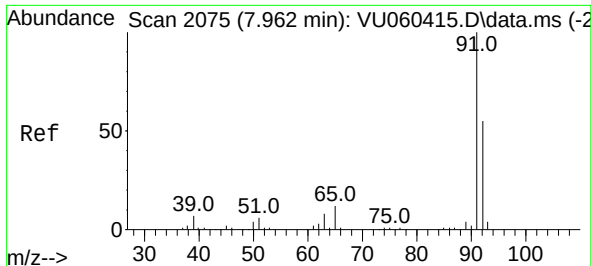
Tgt Ion: 75 Resp: 48927
Ion Ratio Lower Upper
75 100
77 32.1 22.5 41.9



#40
4-Methyl-2-pentanone
Concen: 63.025 ug/L
RT: 7.785 min Scan# 2020
Delta R.T. 0.001 min
Lab File: VU060430.D
Acq: 13 Aug 2024 16:54

Tgt Ion: 43 Resp: 192021
Ion Ratio Lower Upper
43 100
58 43.8 36.6 55.0
100 17.3 14.1 21.1





#42

Toluene

Concen: 5.974 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.001 min

Lab File: VU060430.D

Acq: 13 Aug 2024 16:54

Instrument :

MSVOA_U

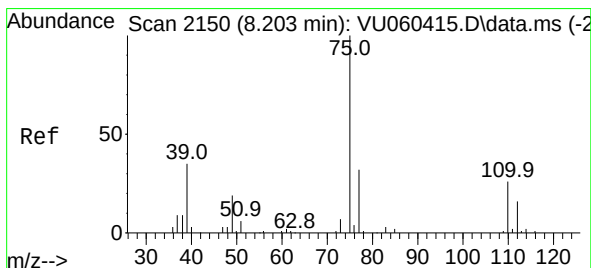
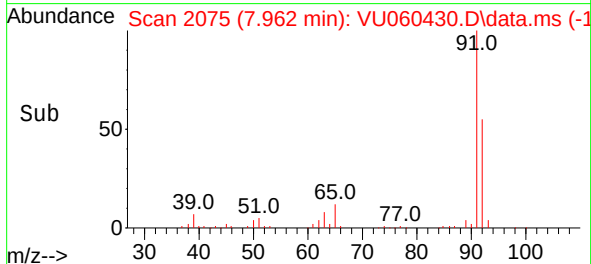
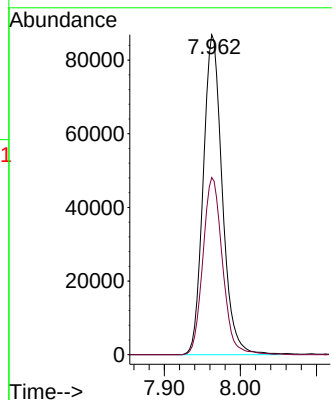
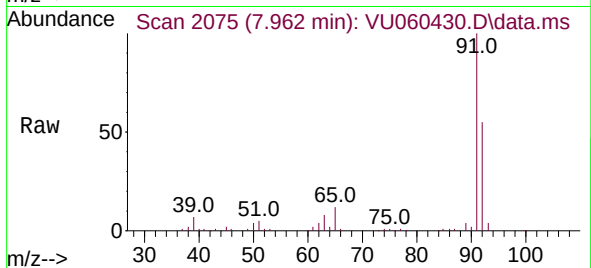
ClientSampleId :

Tgt Ion: 91 Resp: 151381

Ion Ratio Lower Upper

91 100

92 55.4 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 5.922 ug/L

RT: 8.207 min Scan# 2151

Delta R.T. 0.004 min

Lab File: VU060430.D

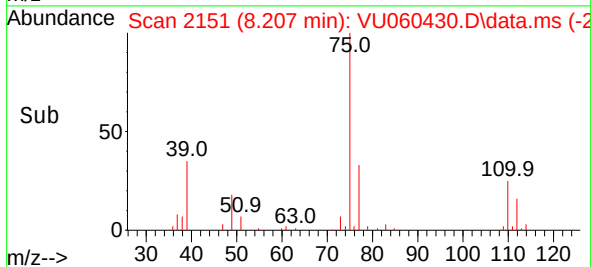
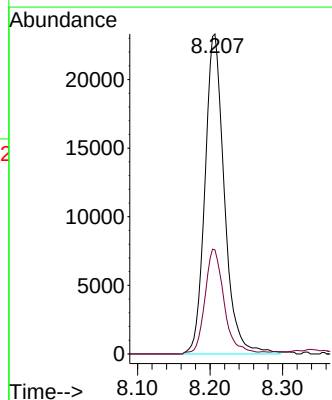
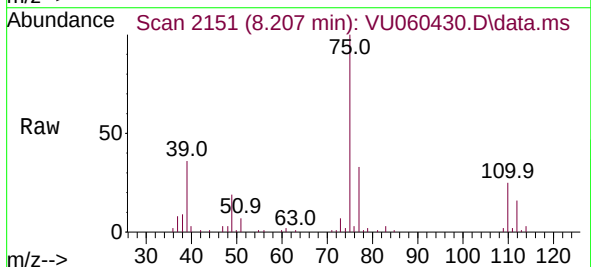
Acq: 13 Aug 2024 16:54

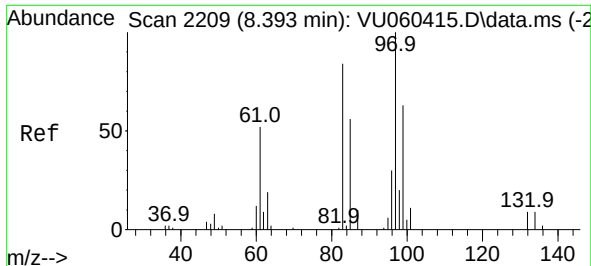
Tgt Ion: 75 Resp: 43369

Ion Ratio Lower Upper

75 100

77 32.6 25.0 46.4

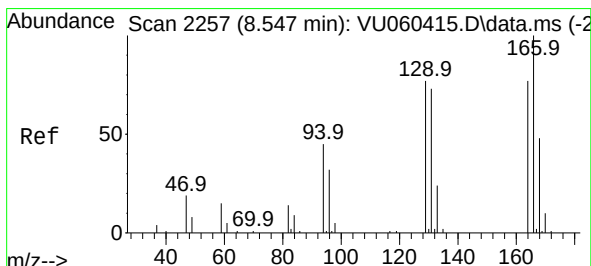
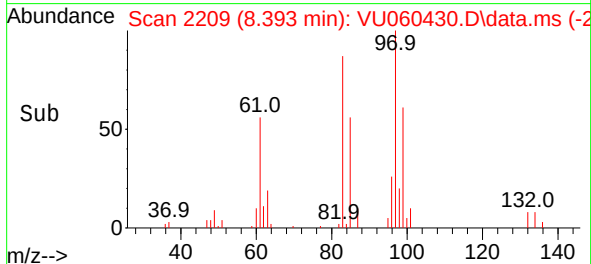
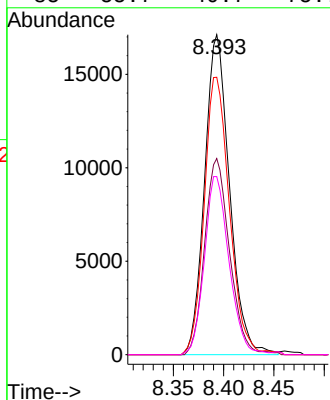
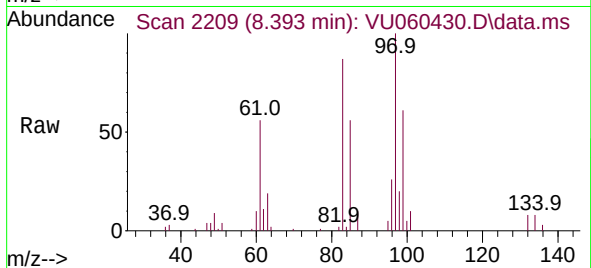




#45
1,1,2-Trichloroethane
Concen: 5.910 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.001 min
Lab File: VU060430.D
Acq: 13 Aug 2024 16:54

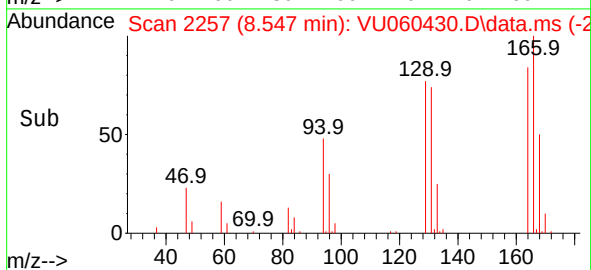
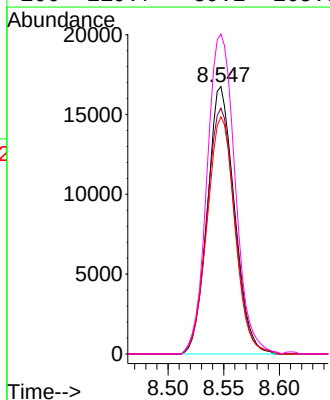
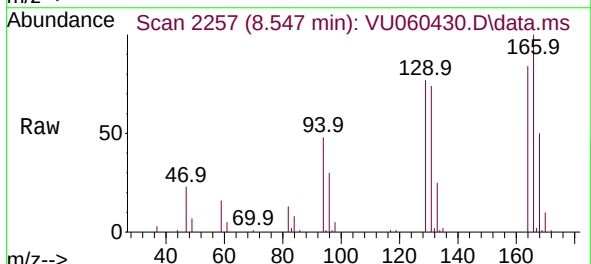
Instrument :
MSVOA_U
ClientSampleId :

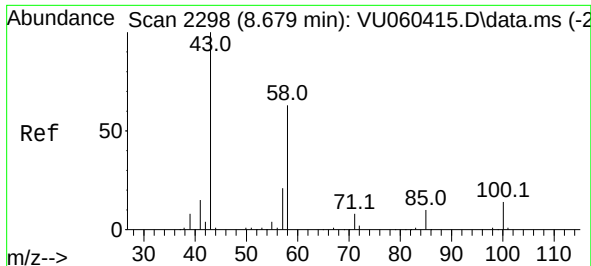
Tgt Ion:	97	Resp:	29540
Ion	Ratio	Lower	Upper
97	100		
99	61.3	45.8	85.0
83	86.7	61.7	114.5
85	55.7	40.7	75.7



#47
Tetrachloroethene
Concen: 5.761 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.001 min
Lab File: VU060430.D
Acq: 13 Aug 2024 16:54

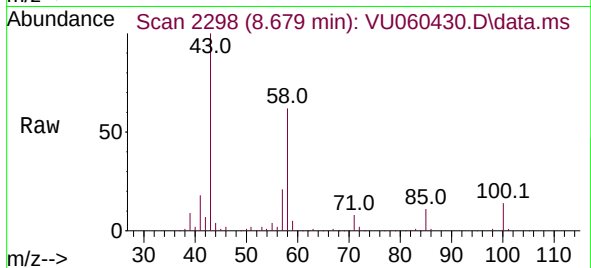
Tgt Ion:	164	Resp:	28290
Ion	Ratio	Lower	Upper
164	100		
129	91.9	69.0	128.1
131	88.7	62.6	116.3
166	119.7	89.2	165.8



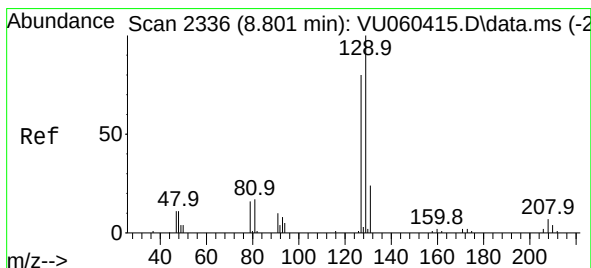
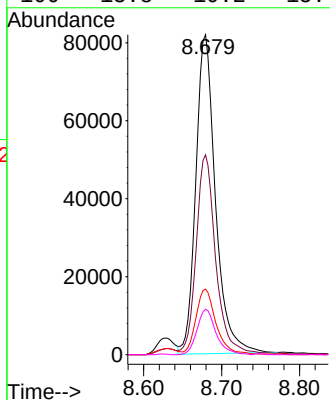
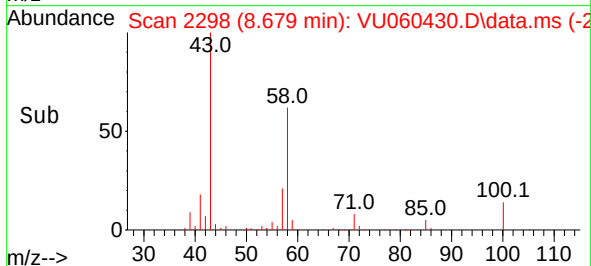


#48
2-Hexanone
Concen: 62.248 ug/L
RT: 8.679 min Scan# 21
Delta R.T. 0.001 min
Lab File: VU060430.D
Acq: 13 Aug 2024 16:54

Instrument :
MSVOA_U
ClientSampleId :

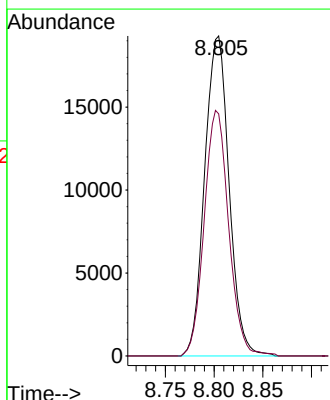
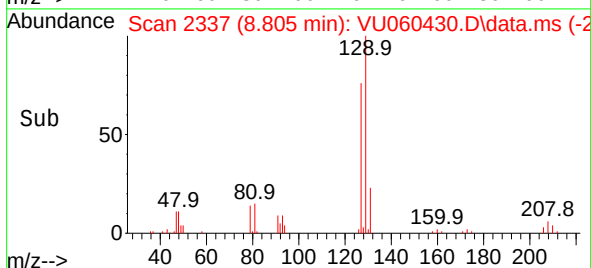
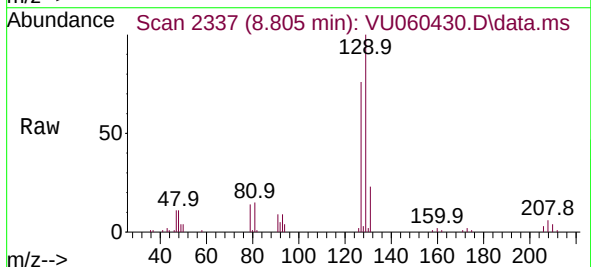


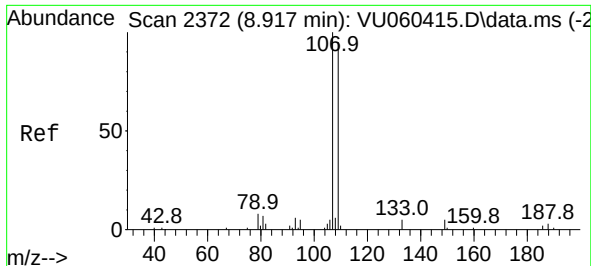
Tgt Ion:	43	Resp:	143773
Ion	Ratio	Lower	Upper
43	100		
58	62.1	50.9	76.3
57	20.6	17.4	26.0
100	13.8	10.2	15.4



#49
Dibromochloromethane
Concen: 6.328 ug/L
RT: 8.805 min Scan# 2337
Delta R.T. 0.004 min
Lab File: VU060430.D
Acq: 13 Aug 2024 16:54

Tgt Ion:	129	Resp:	33635
Ion	Ratio	Lower	Upper
129	100		
127	75.7	51.9	96.3





#50

1,2-Dibromoethane

Concen: 5.825 ug/L

RT: 8.917 min Scan# 2372

Delta R.T. 0.001 min

Lab File: VU060430.D

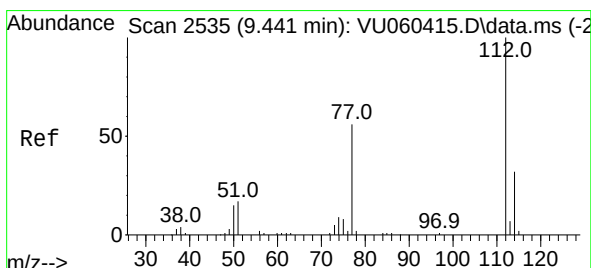
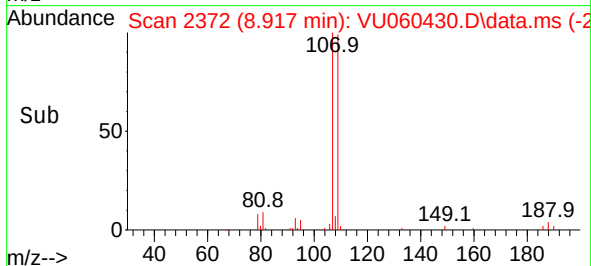
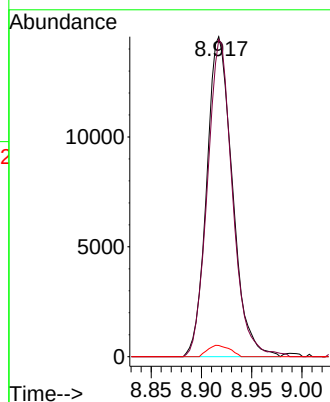
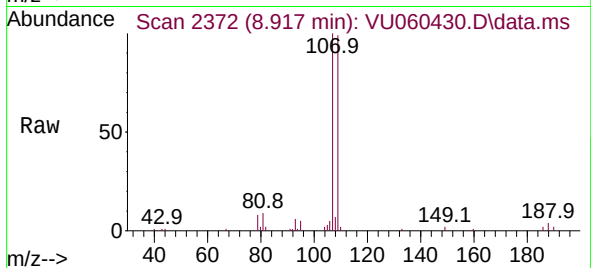
Acq: 13 Aug 2024 16:54

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:107	Resp:	25919
Ion	Ratio	Lower Upper
107	100	
109	99.1	64.8 120.3
188	3.5	2.6 3.8



#51

Chlorobenzene

Concen: 5.757 ug/L

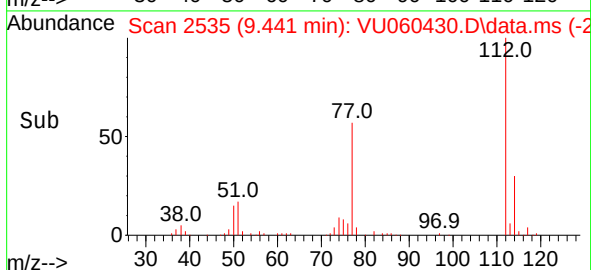
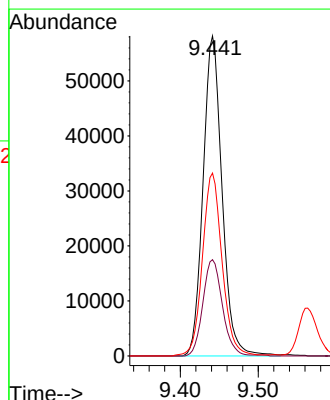
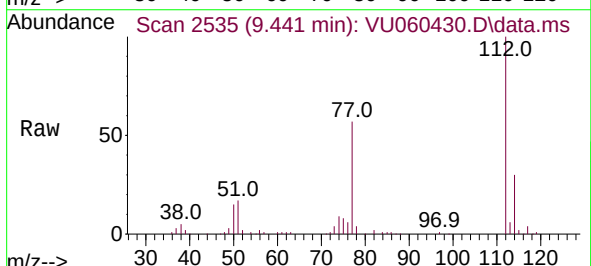
RT: 9.441 min Scan# 2535

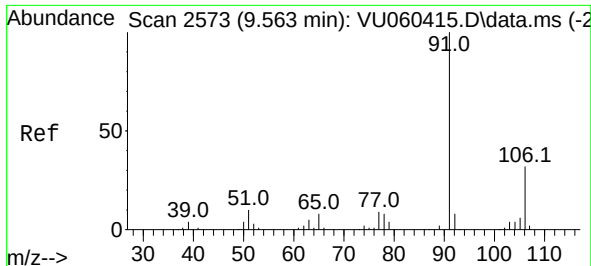
Delta R.T. 0.001 min

Lab File: VU060430.D

Acq: 13 Aug 2024 16:54

Tgt Ion:112	Resp:	98426
Ion	Ratio	Lower Upper
112	100	
114	30.1	21.3 39.5
77	57.1	44.6 67.0

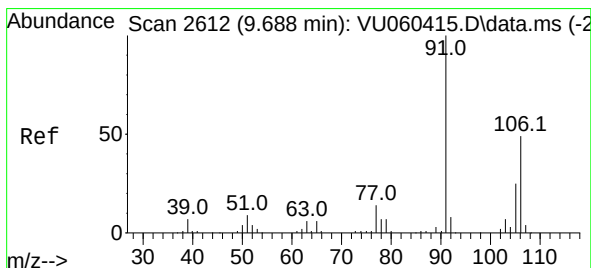
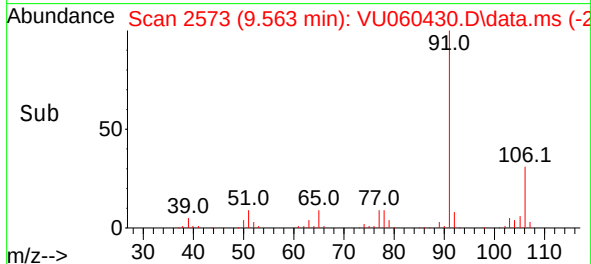
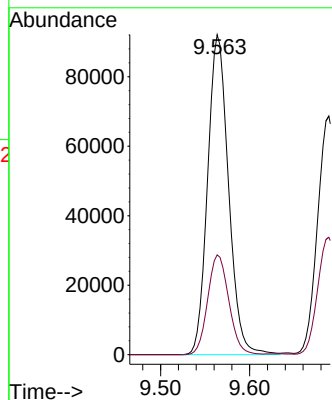
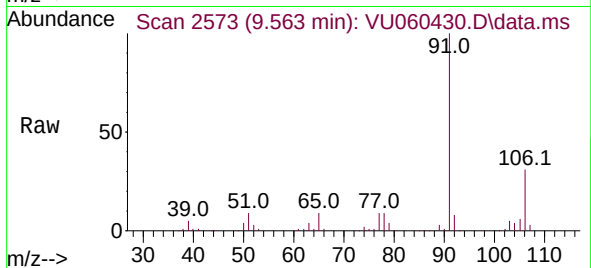




#52
Ethylbenzene
Concen: 5.628 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. 0.001 min
Lab File: VU060430.D
Acq: 13 Aug 2024 16:54

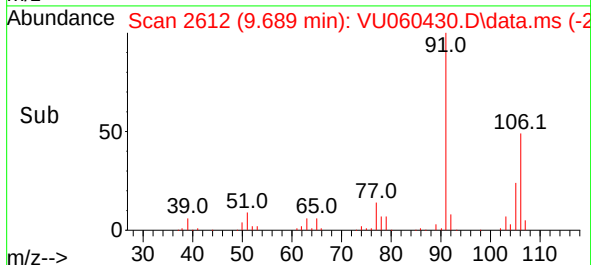
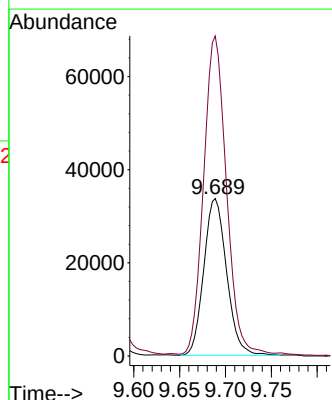
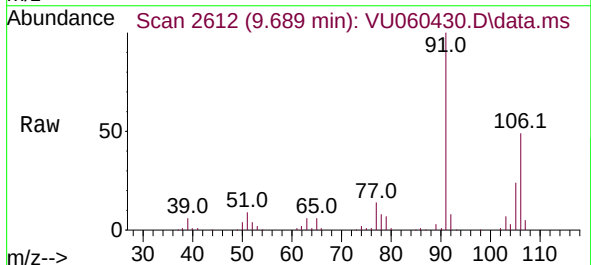
Instrument :
MSVOA_U
ClientSampleId :

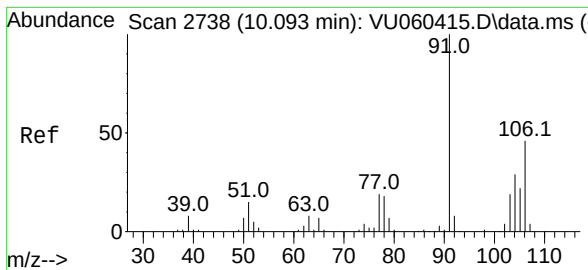
Tgt Ion: 91 Resp: 150245
Ion Ratio Lower Upper
91 100
106 31.2 21.6 40.2



#53
m,p-Xylene
Concen: 5.737 ug/L
RT: 9.689 min Scan# 2612
Delta R.T. 0.001 min
Lab File: VU060430.D
Acq: 13 Aug 2024 16:54

Tgt Ion:106 Resp: 58209
Ion Ratio Lower Upper
106 100
91 203.3 143.2 266.0

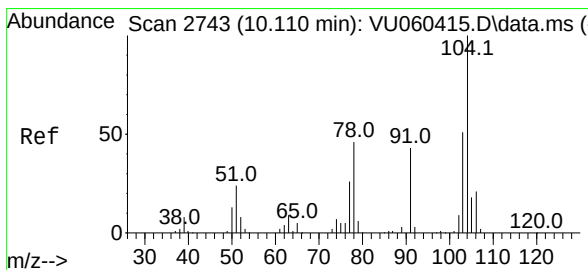
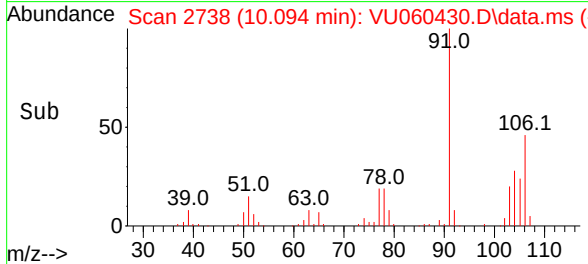
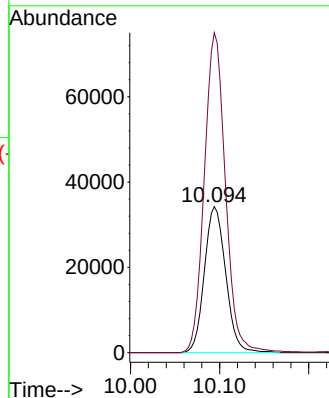
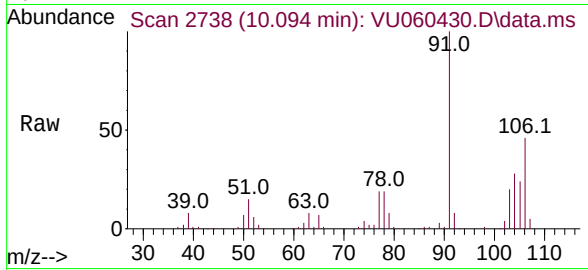




#54
o-Xylene
Concen: 5.870 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. 0.001 min
Lab File: VU060430.D
Acq: 13 Aug 2024 16:54

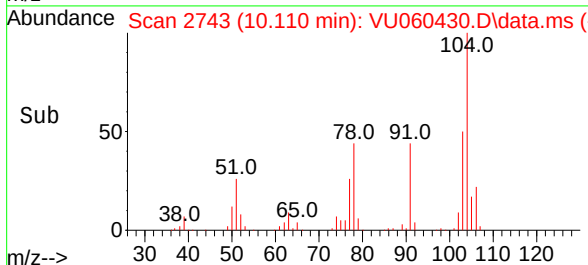
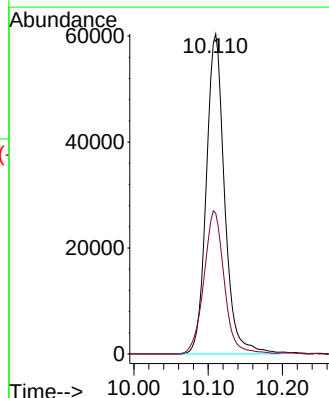
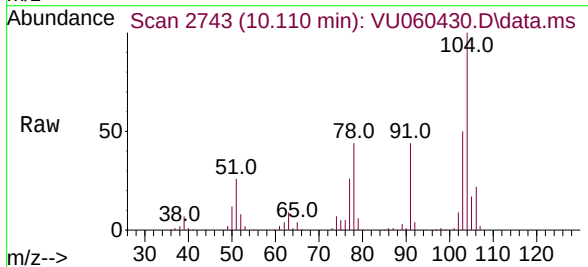
Instrument :
MSVOA_U
ClientSampleId :

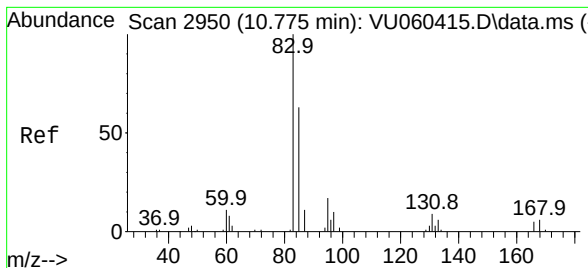
Tgt Ion:106 Resp: 56996
Ion Ratio Lower Upper
106 100
91 219.1 150.2 279.0



#55
Styrene
Concen: 6.149 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. 0.001 min
Lab File: VU060430.D
Acq: 13 Aug 2024 16:54

Tgt Ion:104 Resp: 103305
Ion Ratio Lower Upper
104 100
78 44.0 32.1 59.7

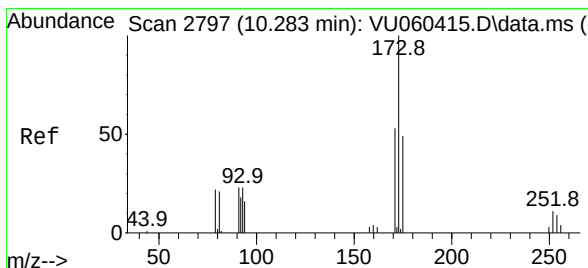
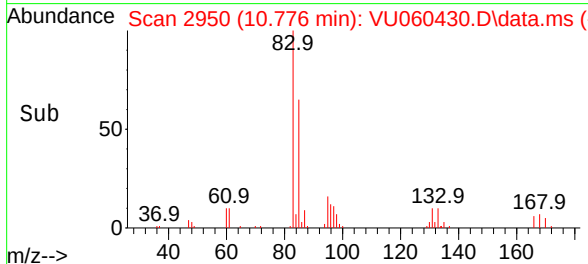
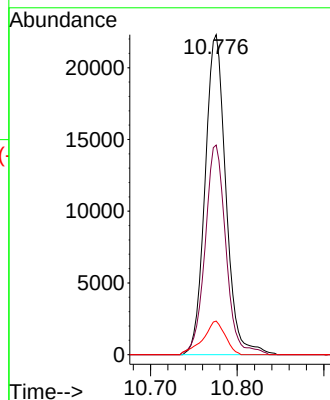
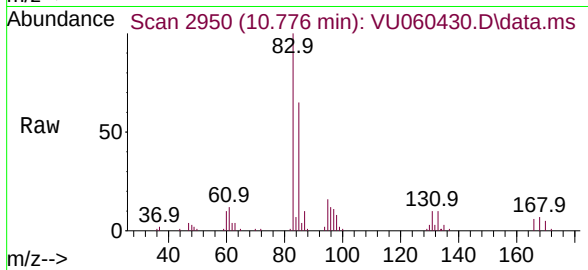




#57
1,1,2,2-Tetrachloroethane
Concen: 5.985 ug/L
RT: 10.776 min Scan# 2950
Delta R.T. 0.001 min
Lab File: VU060430.D
Acq: 13 Aug 2024 16:54

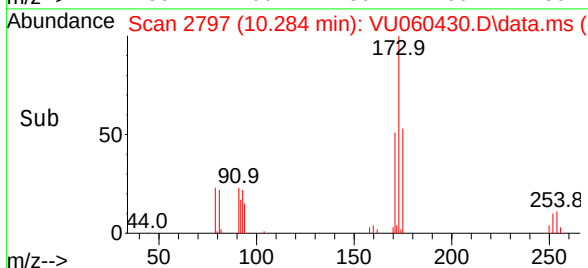
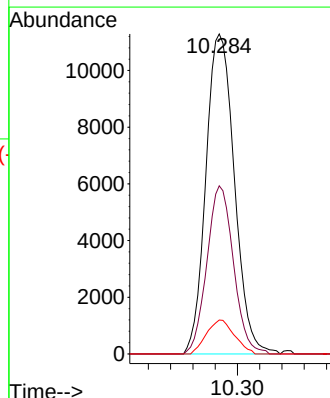
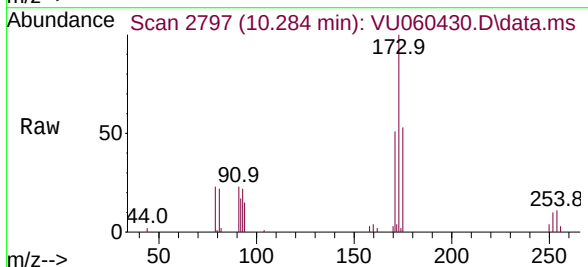
Instrument :
MSVOA_U
ClientSampleId :

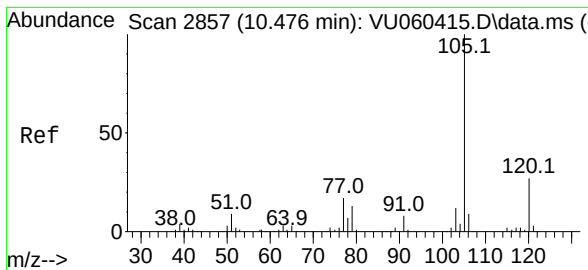
Tgt Ion: 83 Resp: 37201
Ion Ratio Lower Upper
83 100
85 65.5 46.1 85.5
131 10.5 7.6 11.4



#59
Bromoform
Concen: 5.847 ug/L
RT: 10.284 min Scan# 2797
Delta R.T. 0.001 min
Lab File: VU060430.D
Acq: 13 Aug 2024 16:54

Tgt Ion: 173 Resp: 20062
Ion Ratio Lower Upper
173 100
175 49.0 39.7 59.5
254 10.4 8.2 12.4





#60

Isopropylbenzene

Concen: 5.618 ug/L

RT: 10.477 min Scan# 2857

Delta R.T. 0.001 min

Lab File: VU060430.D

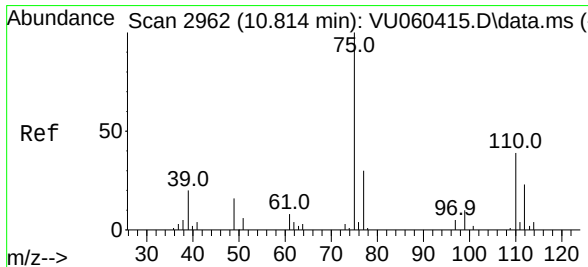
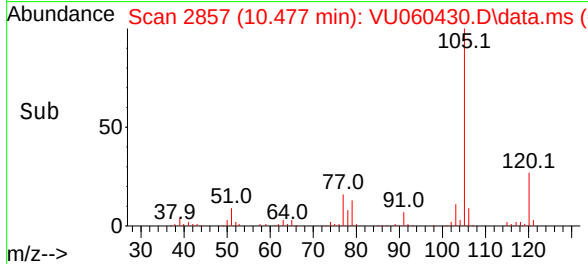
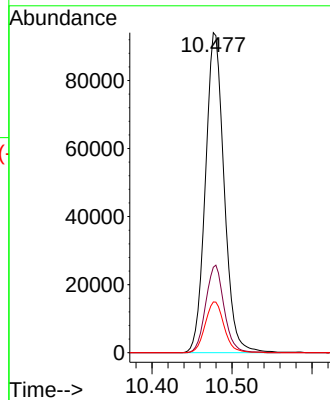
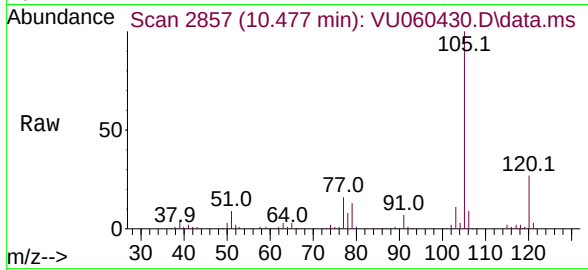
Acq: 13 Aug 2024 16:54

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	105	Resp:	153290
Ion Ratio	Lower	Upper	
105	100		
120	26.9	21.0	31.6
77	16.0	12.6	19.0



#61

1,2,3-Trichloropropane

Concen: 5.786 ug/L

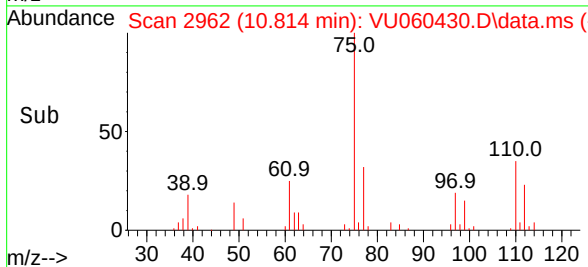
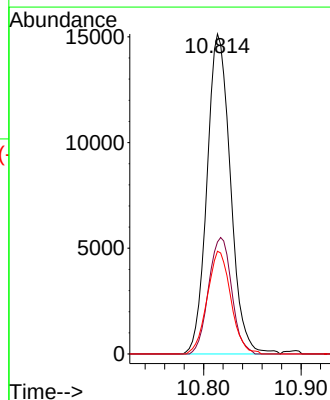
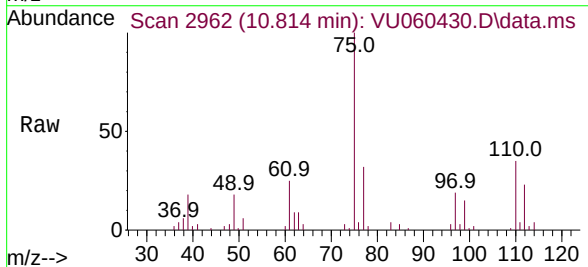
RT: 10.814 min Scan# 2962

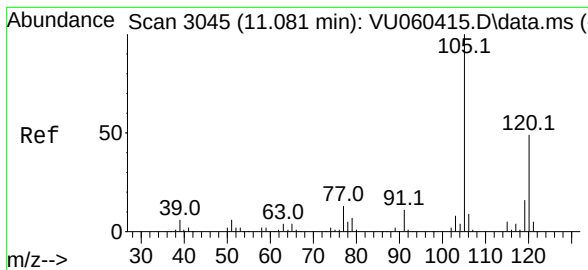
Delta R.T. 0.001 min

Lab File: VU060430.D

Acq: 13 Aug 2024 16:54

Tgt Ion:	75	Resp:	25313
Ion Ratio	Lower	Upper	
75	100		
110	35.7	29.9	44.9
77	32.4	27.0	40.6

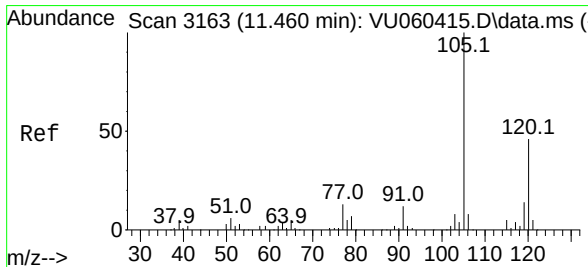
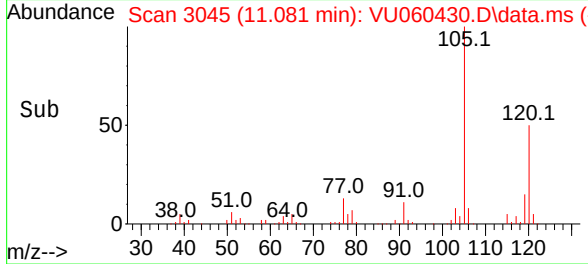
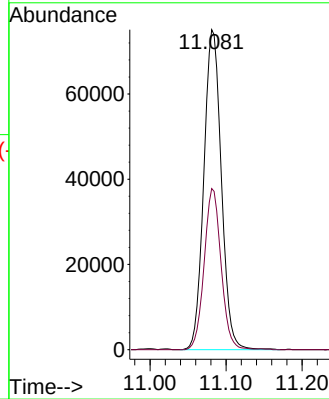
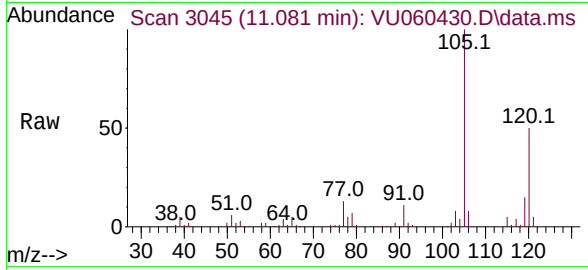




#62
 1,3,5-Trimethylbenzene
 Concen: 5.700 ug/L
 RT: 11.081 min Scan# 3045
 Delta R.T. 0.001 min
 Lab File: VU060430.D
 Acq: 13 Aug 2024 16:54

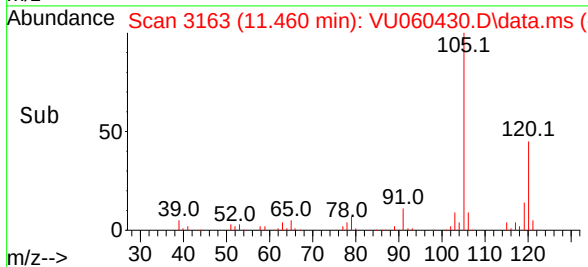
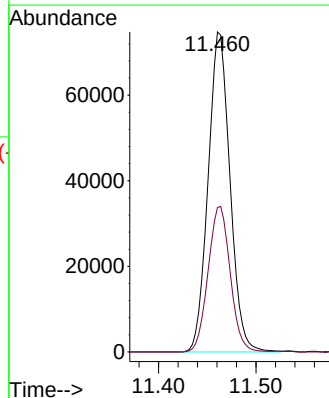
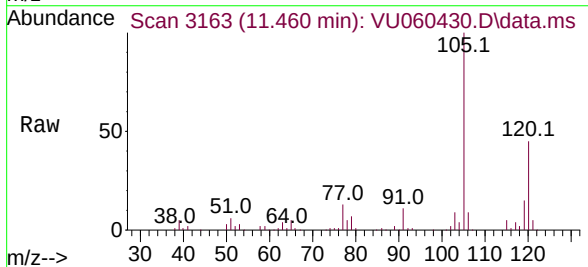
Instrument :
 MSVOA_U
 ClientSampleId :

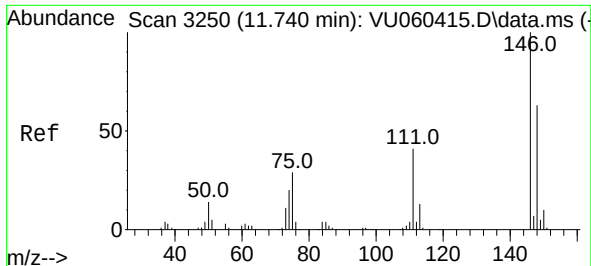
Tgt Ion:105 Resp: 119744
 Ion Ratio Lower Upper
 105 100
 120 48.6 39.3 58.9



#63
 1,2,4-Trimethylbenzene
 Concen: 5.630 ug/L
 RT: 11.460 min Scan# 3163
 Delta R.T. 0.001 min
 Lab File: VU060430.D
 Acq: 13 Aug 2024 16:54

Tgt Ion:105 Resp: 116541
 Ion Ratio Lower Upper
 105 100
 120 46.0 36.1 54.1





#64

1,3-Dichlorobenzene

Concen: 5.713 ug/L

RT: 11.740 min Scan# 3250

Delta R.T. 0.001 min

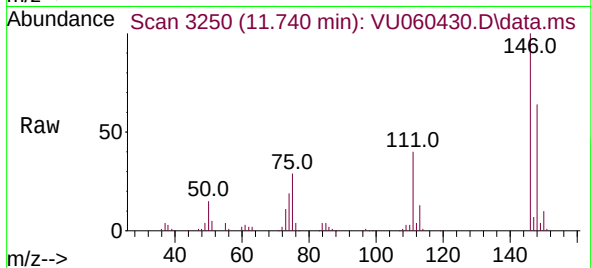
Lab File: VU060430.D

Acq: 13 Aug 2024 16:54

Instrument :

MSVOA_U

ClientSampleId :



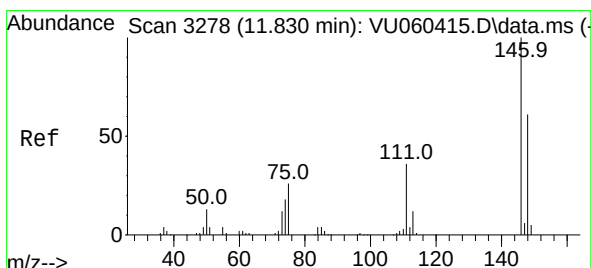
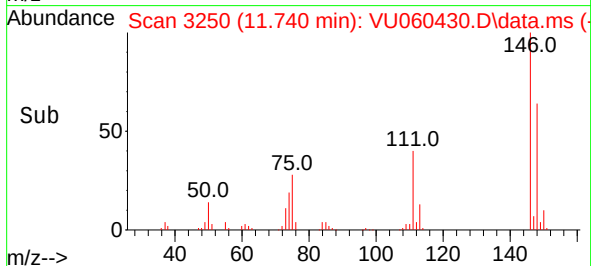
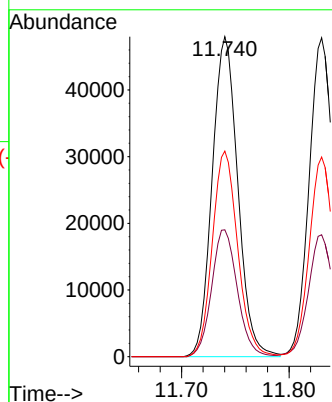
Tgt Ion:146 Resp: 79441

Ion Ratio Lower Upper

146 100

111 39.7 29.2 54.2

148 64.2 44.9 83.3



#65

1,4-Dichlorobenzene

Concen: 5.585 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. 0.001 min

Lab File: VU060430.D

Acq: 13 Aug 2024 16:54

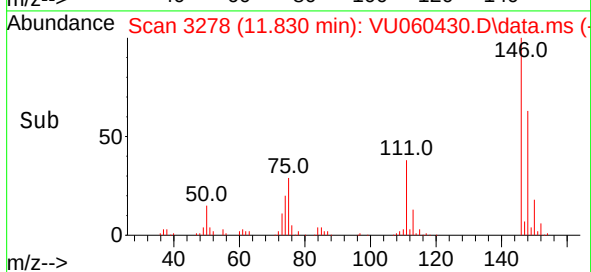
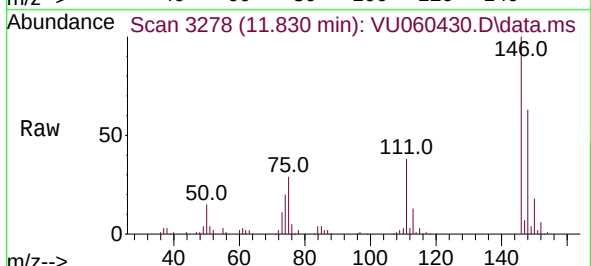
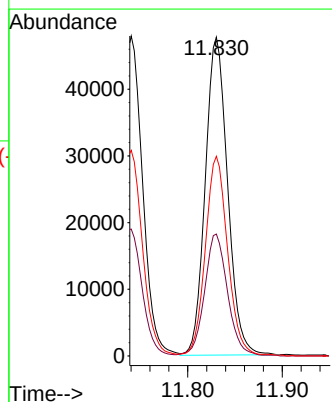
Tgt Ion:146 Resp: 78293

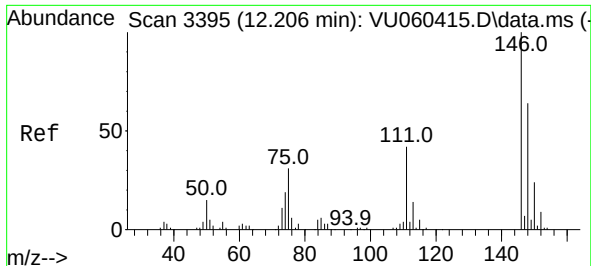
Ion Ratio Lower Upper

146 100

111 38.2 25.8 48.0

148 62.6 44.0 81.6





#67

1,2-Dichlorobenzene

Concen: 5.663 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. 0.001 min

Lab File: VU060430.D

Acq: 13 Aug 2024 16:54

Instrument :

MSVOA_U

ClientSampleId :

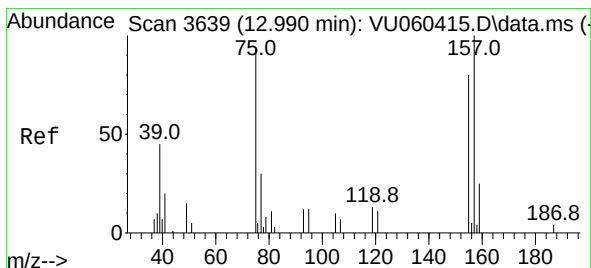
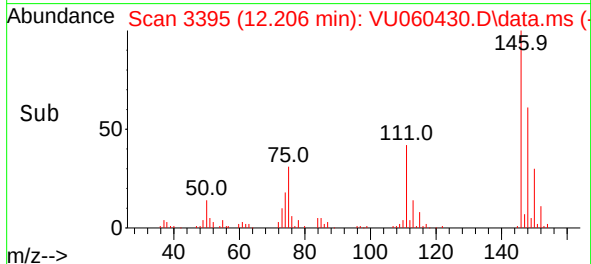
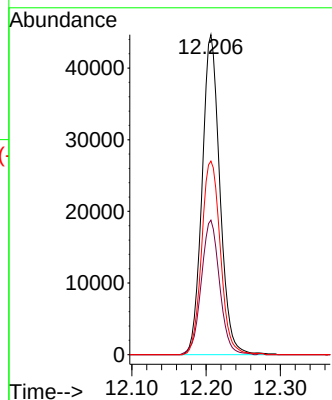
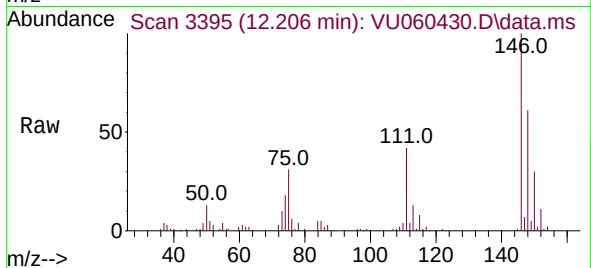
Tgt Ion:146 Resp: 74354

Ion Ratio Lower Upper

146 100

111 42.0 32.0 48.0

148 60.5 51.8 77.8



#68

1,2-Dibromo-3-chloropropane

Concen: 6.366 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. 0.001 min

Lab File: VU060430.D

Acq: 13 Aug 2024 16:54

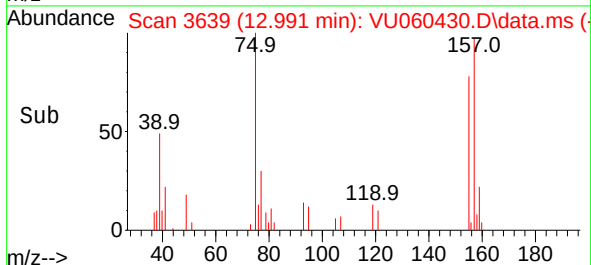
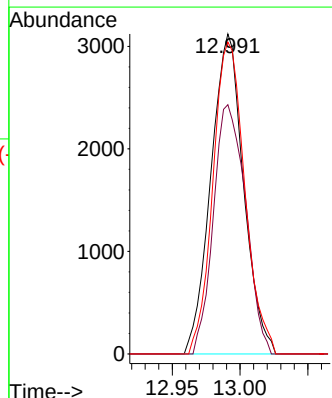
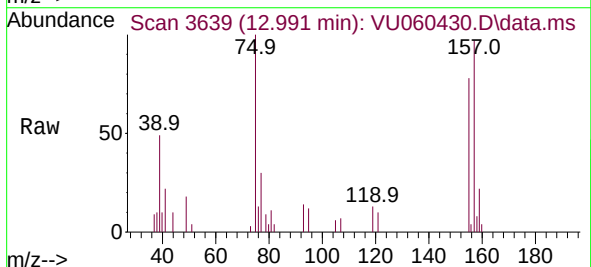
Tgt Ion: 75 Resp: 5221

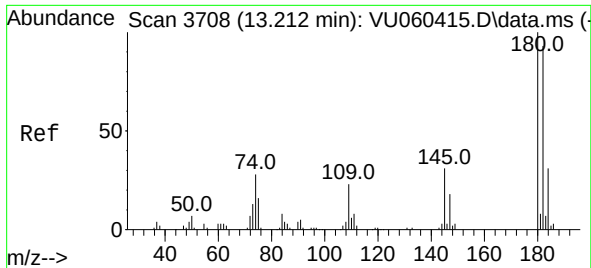
Ion Ratio Lower Upper

75 100

155 77.9 64.3 96.5

157 97.5 88.0 132.0





#69

1,3,5-Trichlorobenzene

Concen: 5.152 ug/L

RT: 13.213 min Scan# 3

Delta R.T. 0.001 min

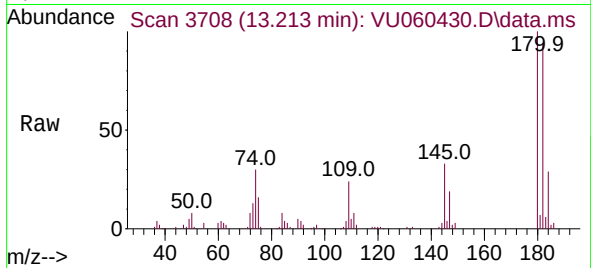
Lab File: VU060430.D

Acq: 13 Aug 2024 16:54

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 54142

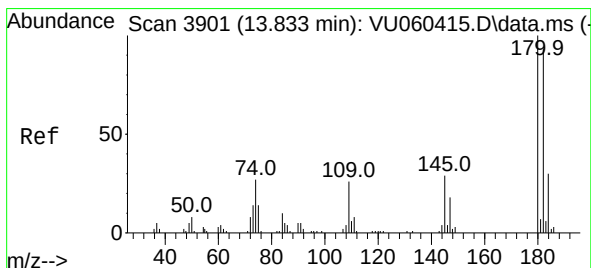
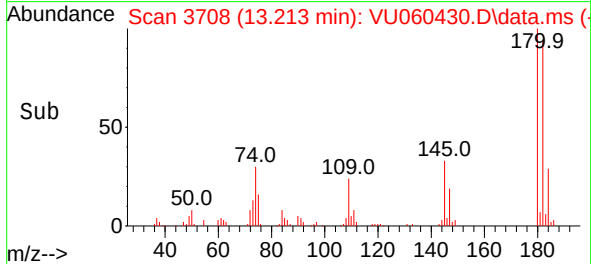
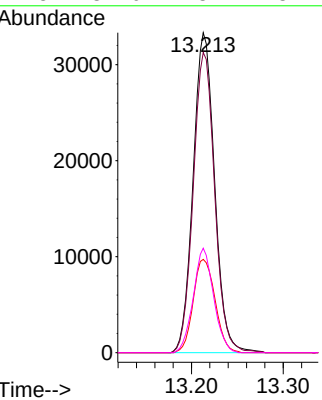
Ion Ratio Lower Upper

180 100

182 93.7 76.0 114.0

184 29.7 23.8 35.8

145 31.0 23.1 34.7



#70

1,2,4-trichlorobenzene

Concen: 5.176 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. 0.001 min

Lab File: VU060430.D

Acq: 13 Aug 2024 16:54

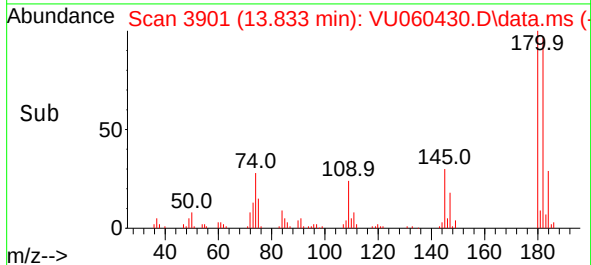
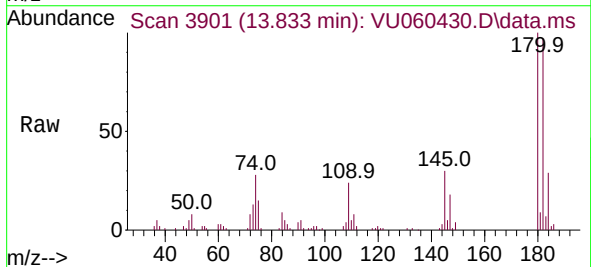
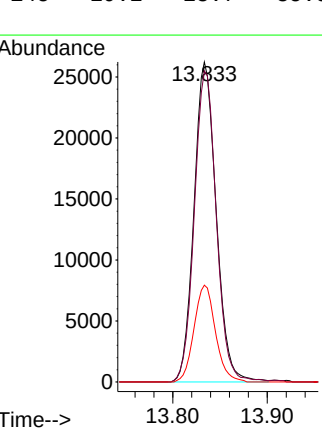
Tgt Ion:180 Resp: 42705

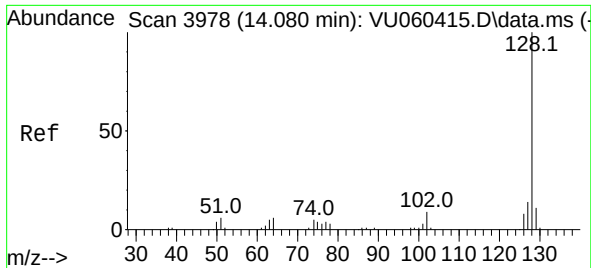
Ion Ratio Lower Upper

180 100

182 96.3 76.0 114.0

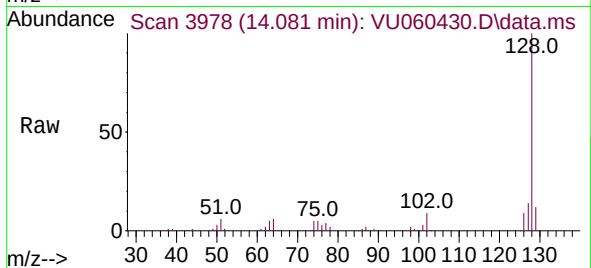
145 29.2 23.7 35.5



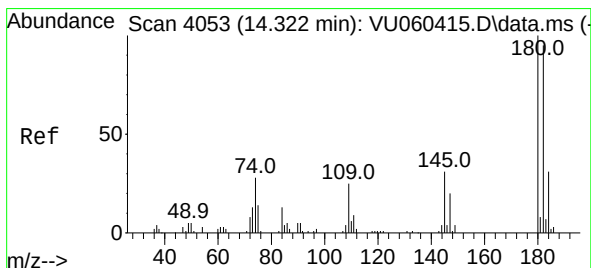
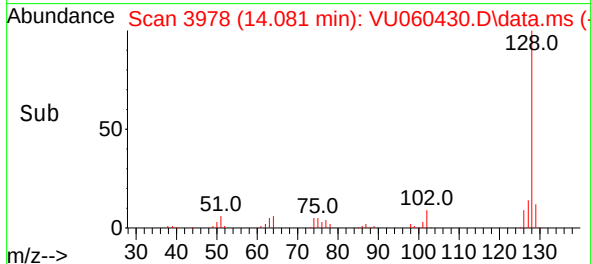
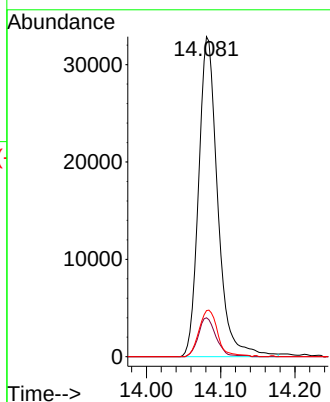


#71
Naphthalene
Concen: 5.008 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. 0.001 min
Lab File: VU060430.D
Acq: 13 Aug 2024 16:54

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 58750
Ion Ratio Lower Upper
128 100
129 11.3 8.6 12.8
127 14.3 10.6 16.0



#72
1,2,3-Trichlorobenzene
Concen: 5.249 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. 0.001 min
Lab File: VU060430.D
Acq: 13 Aug 2024 16:54

Tgt Ion:180 Resp: 38803
Ion Ratio Lower Upper
180 100
182 95.2 75.7 113.5
145 32.3 23.7 35.5

