

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080824\
 Data File : VU060352.D
 Acq On : 08 Aug 2024 11:56
 Operator : MD/SY
 Sample : VSTD010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 08 23:25:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Aug 08 23:23:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	123616	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	128808	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	71096	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	99903	11.304	ug/L	0.00
7) Chloroethane-d5	1.911	69	88002	10.750	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	65	42087	11.966	ug/L	0.00
20) 2-Butanone-d5	4.634	46	220181	108.793	ug/L	0.00
24) Chloroform-d	5.055	84	198438	10.788	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.692	65	90290	10.637	ug/L	0.00
32) Benzene-d6	5.718	84	410466	11.686	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	126223	11.295	ug/L	0.00
41) Toluene-d8	7.891	98	379579	11.877	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.174	79	43088	11.424	ug/L	0.00
46) 2-Hexanone-d5	8.627	63	200210	117.381	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.746	84	101428	10.315	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.184	152	137270	10.588	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	73723	8.352	ug/L	98
3) Chloromethane	1.518	50	85577	7.926	ug/L	97
5) Vinyl chloride	1.602	62	100028	8.244	ug/L	99
6) Bromomethane	1.856	94	70600	8.784	ug/L	98
8) Chloroethane	1.930	64	66445	8.308	ug/L	99
9) Trichlorofluoromethane	2.136	101	142490	9.168	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	93805	9.219	ug/L	100
12) 1,1-Dichloroethene	2.573	96	85814	9.285	ug/L	92
13) Acetone	2.657	43	134574	97.836	ug/L	98
14) Carbon disulfide	2.788	76	215306	8.224	ug/L	99
15) Methyl Acetate	2.959	43	30979	9.713	ug/L	94
16) Methylene chloride	3.039	84	97236	8.582	ug/L	97
17) Methyl tert-butyl Ether	3.358	73	208914	9.821	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	84580	8.847	ug/L	99
19) 1,1-Dichloroethane	3.859	63	173877	9.501	ug/L	98
21) 2-Butanone	4.714	43	222318	104.617	ug/L	99
22) cis-1,2-Dichloroethene	4.660	96	105225	9.768	ug/L	97
23) Bromochloromethane	4.968	128	46890	8.945	ug/L	97
25) Chloroform	5.078	83	186182	9.227	ug/L	99
27) 1,2-Dichloroethane	5.785	62	103979	9.068	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	150717	9.541	ug/L	99
30) Cyclohexane	5.380	56	130693	10.436	ug/L	98
31) Carbon tetrachloride	5.515	117	129362	9.469	ug/L	99
33) Benzene	5.766	78	407829	9.795	ug/L	100
34) Trichloroethene	6.534	95	103052	9.299	ug/L	99
35) Methylcyclohexane	6.756	83	145352	10.123	ug/L	98
37) 1,2-Dichloropropane	6.782	63	107708	9.477	ug/L	99
38) Bromodichloromethane	7.097	83	133591	9.402	ug/L	97
39) cis-1,3-Dichloropropene	7.602	75	151696	10.215	ug/L	98
40) 4-Methyl-2-pentanone	7.785	43	543684	106.680	ug/L	99
42) Toluene	7.962	91	446874	10.088	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	124420	9.968	ug/L	95

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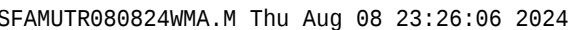
Quant Time: Aug 08 23:25:56 2024
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Aug 08 23:23:41 2024
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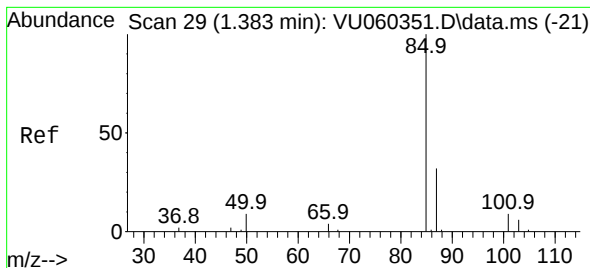
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	8.393	97	81993	9.468	ug/L	98
47) Tetrachloroethene	8.547	164	80533	8.938	ug/L	96
48) 2-Hexanone	8.679	43	407056	107.466	ug/L	99
49) Dibromochloromethane	8.801	129	90058	9.434	ug/L	94
50) 1,2-Dibromoethane	8.917	107	73492	9.384	ug/L	97
51) Chlorobenzene	9.441	112	281704	9.691	ug/L	96
52) Ethylbenzene	9.563	91	471603	10.612	ug/L	99
53) m,p-Xylene	9.685	106	184924	10.765	ug/L	98
54) o-Xylene	10.094	106	175723	10.686	ug/L	100
55) Styrene	10.107	104	319564	11.409	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.772	83	102291	9.595	ug/L	99
59) Bromoform	10.283	173	55078	8.650	ug/L	100
60) Isopropylbenzene	10.476	105	479447	10.449	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	67752	9.075	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	383895	10.908	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	387479	11.348	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	232729	9.493	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	231856	9.224	ug/L	97
67) 1,2-Dichlorobenzene	12.203	146	218876	9.309	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	13489	9.233	ug/L	91
69) 1,3,5-Trichlorobenzene	13.209	180	175803	9.508	ug/L	99
70) 1,2,4-trichlorobenzene	13.830	180	141899	9.982	ug/L	99
71) Naphthalene	14.077	128	215788	10.590	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	127649	10.016	ug/L	99

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

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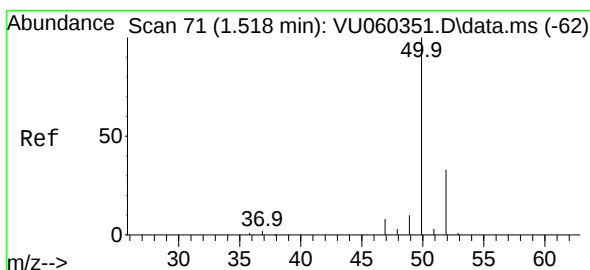
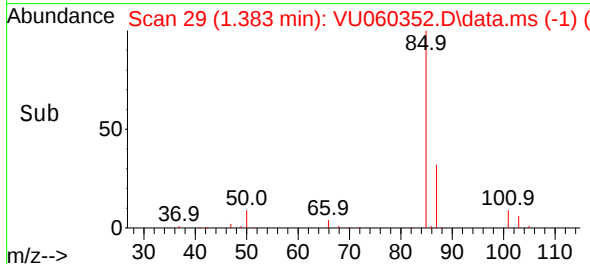
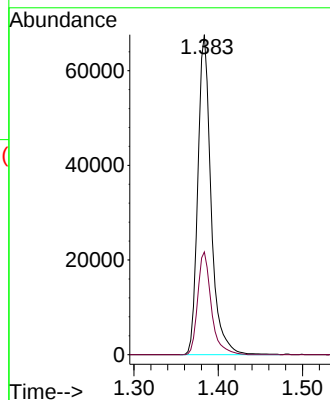
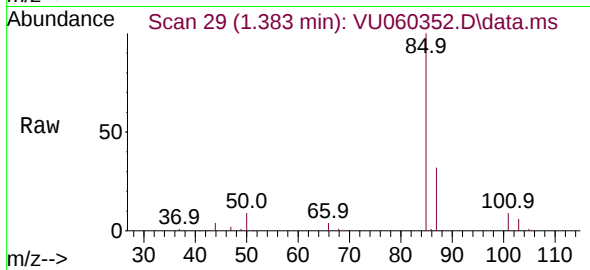




#2
 Dichlorodifluoromethane
 Concen: 8.352 ug/L
 RT: 1.383 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VU060352.D
 Acq: 08 Aug 2024 11:56

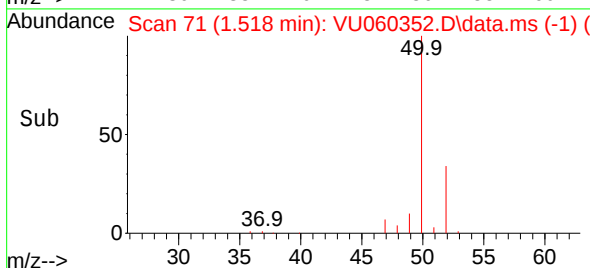
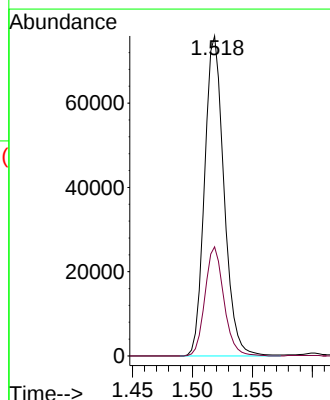
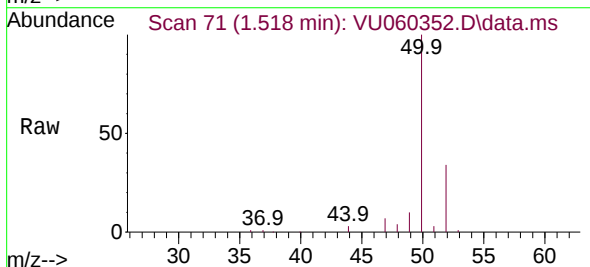
Instrument :
 MSVOA_U
 ClientSampleId :

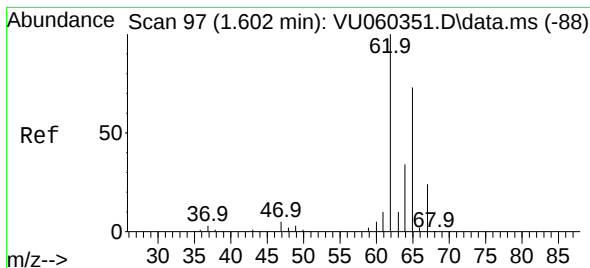
Tgt Ion: 85 Resp: 73723
 Ion Ratio Lower Upper
 85 100
 87 32.9 25.7 38.5



#3
 Chloromethane
 Concen: 7.926 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VU060352.D
 Acq: 08 Aug 2024 11:56

Tgt Ion: 50 Resp: 85577
 Ion Ratio Lower Upper
 50 100
 52 34.1 22.8 42.4





#5

Vinyl chloride

Concen: 8.244 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.000 min

Lab File: VU060352.D

Acq: 08 Aug 2024 11:56

Instrument :

MSVOA_U

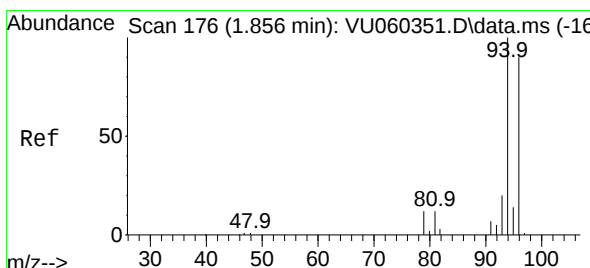
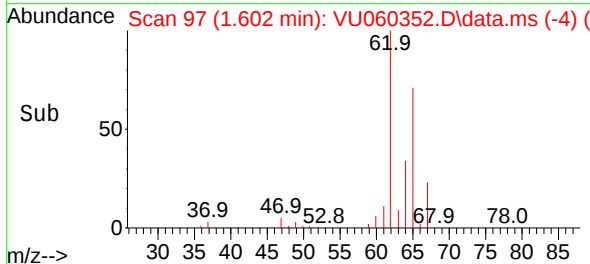
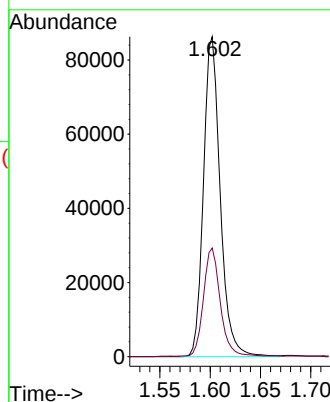
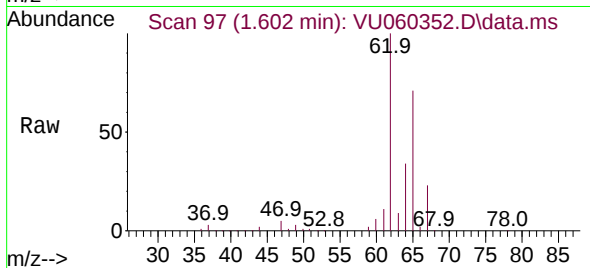
ClientSampleId :

Tgt Ion: 62 Resp: 100028

Ion Ratio Lower Upper

62 100

64 33.9 24.1 44.7



#6

Bromomethane

Concen: 8.784 ug/L

RT: 1.856 min Scan# 176

Delta R.T. 0.000 min

Lab File: VU060352.D

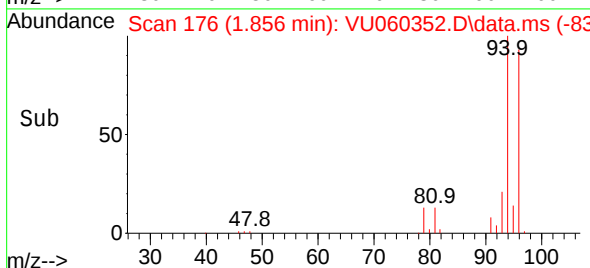
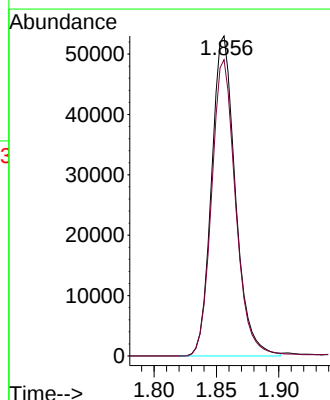
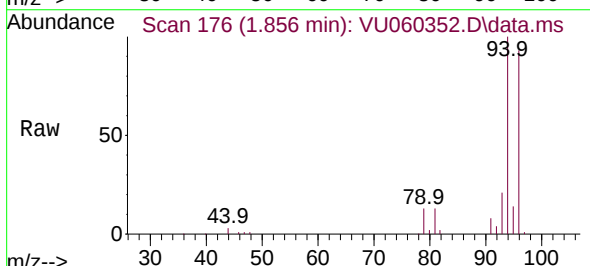
Acq: 08 Aug 2024 11:56

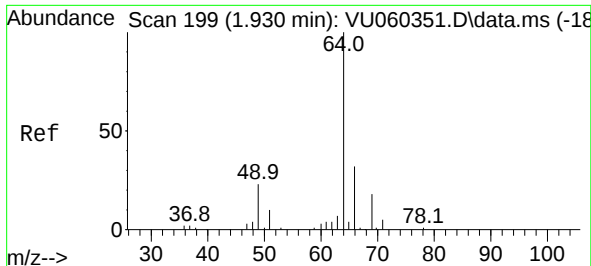
Tgt Ion: 94 Resp: 70600

Ion Ratio Lower Upper

94 100

96 92.6 63.2 117.4

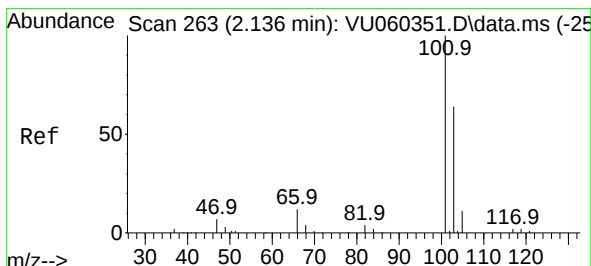
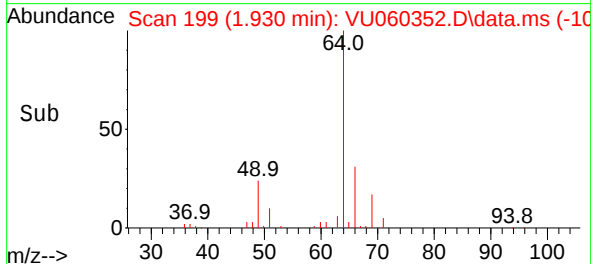
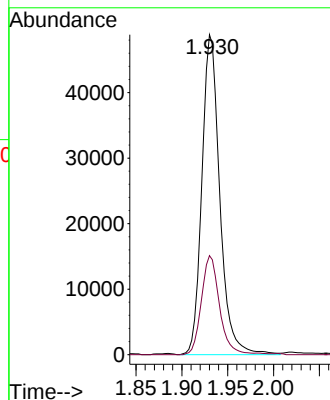
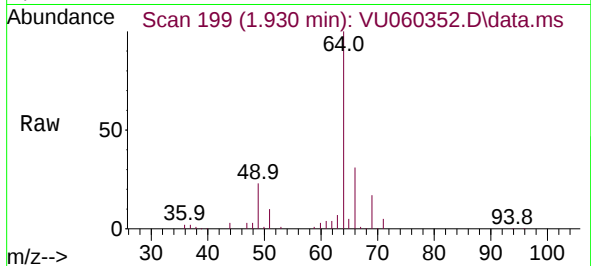




#8
Chloroethane
Concen: 8.308 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU060352.D
Acq: 08 Aug 2024 11:56

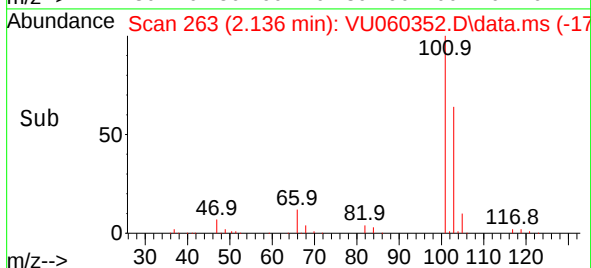
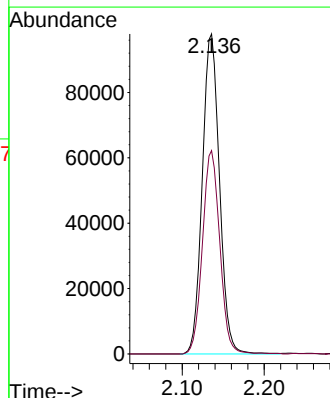
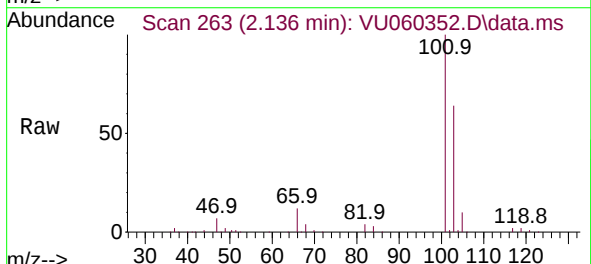
Instrument :
MSVOA_U
ClientSampleId :

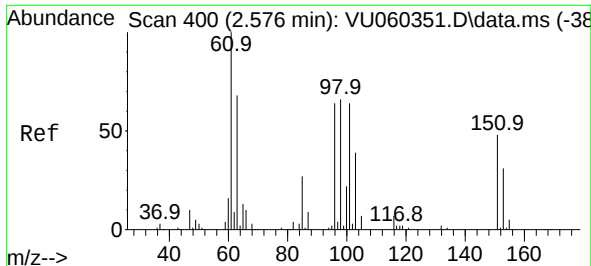
Tgt Ion: 64 Resp: 66445
Ion Ratio Lower Upper
64 100
66 31.0 22.2 41.2



#9
Trichlorofluoromethane
Concen: 9.168 ug/L
RT: 2.136 min Scan# 263
Delta R.T. 0.000 min
Lab File: VU060352.D
Acq: 08 Aug 2024 11:56

Tgt Ion:101 Resp: 142490
Ion Ratio Lower Upper
101 100
103 63.8 51.7 77.5

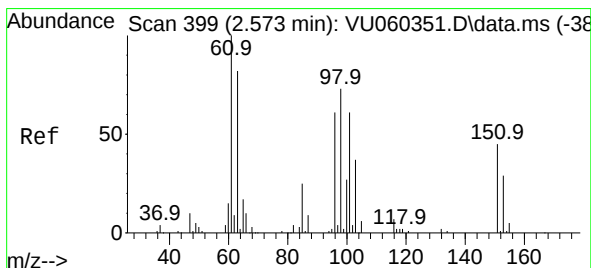
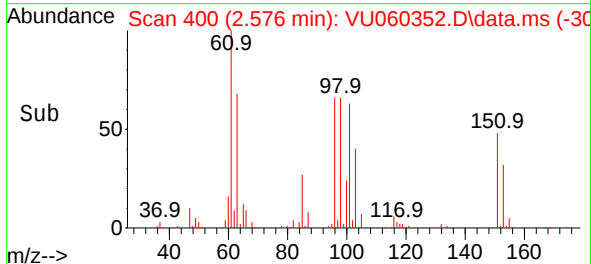
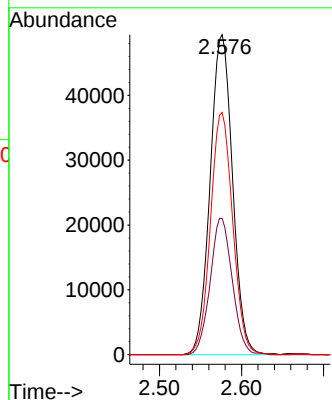
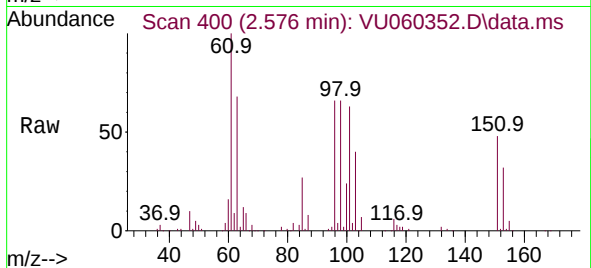




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 9.219 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU060352.D
Acq: 08 Aug 2024 11:56

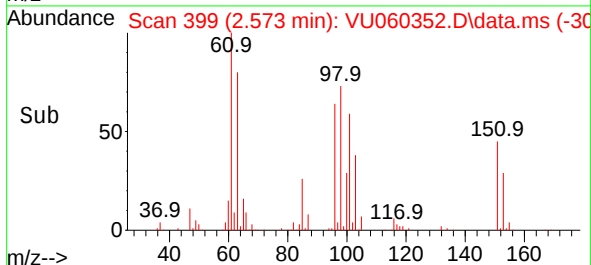
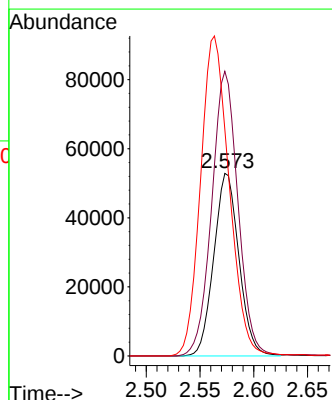
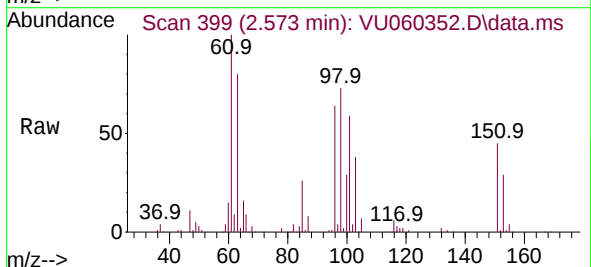
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ClientSampleId :

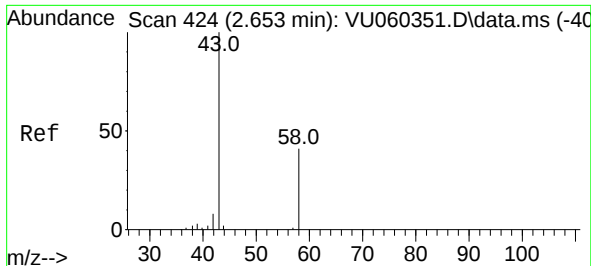
Tgt Ion:101 Resp: 93805
Ion Ratio Lower Upper
101 100
85 42.0 33.5 50.3
151 75.1 59.7 89.5



#12
1,1-Dichloroethene
Concen: 9.285 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU060352.D
Acq: 08 Aug 2024 11:56

Tgt Ion: 96 Resp: 85814
Ion Ratio Lower Upper
96 100
61 155.8 114.4 212.4
63 124.0 96.0 178.4





#13

Acetone

Concen: 97.836 ug/L

RT: 2.657 min Scan# 41

Delta R.T. 0.003 min

Lab File: VU060352.D

Acq: 08 Aug 2024 11:56

Instrument :

MSVOA_U

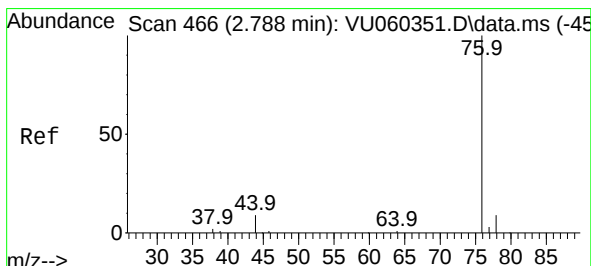
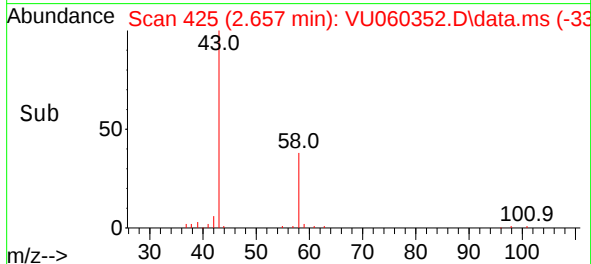
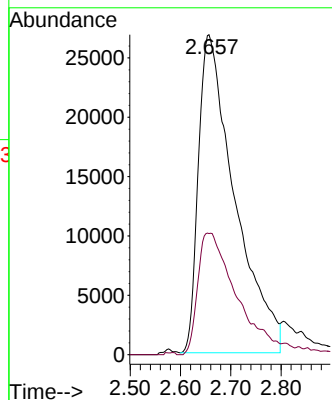
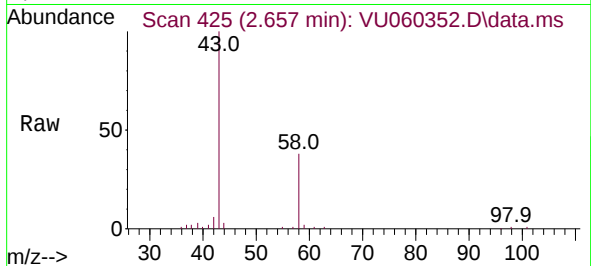
ClientSampleId :

Tgt Ion: 43 Resp: 134574

Ion Ratio Lower Upper

43 100

58 40.4 0.0 78.8



#14

Carbon disulfide

Concen: 8.224 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU060352.D

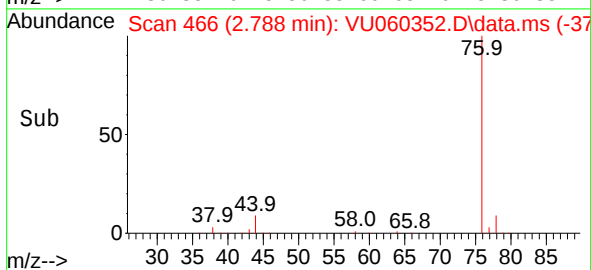
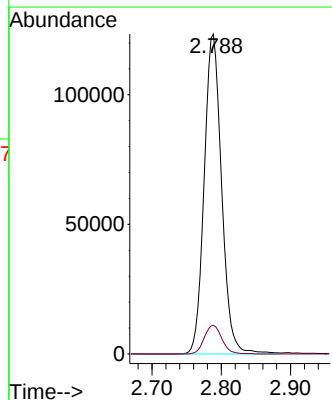
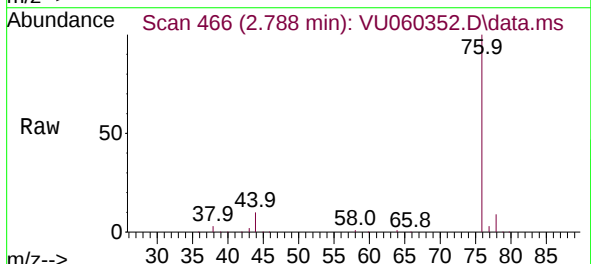
Acq: 08 Aug 2024 11:56

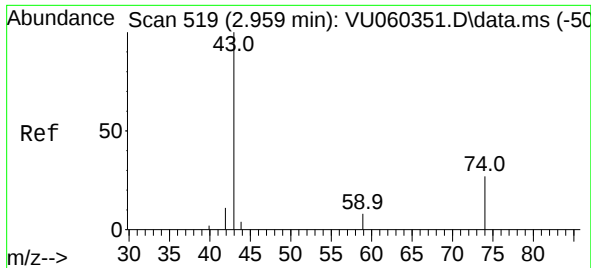
Tgt Ion: 76 Resp: 215306

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.0





#15

Methyl Acetate

Concen: 9.713 ug/L

RT: 2.959 min Scan# 519

Delta R.T. 0.000 min

Lab File: VU060352.D

Acq: 08 Aug 2024 11:56

Instrument :

MSVOA_U

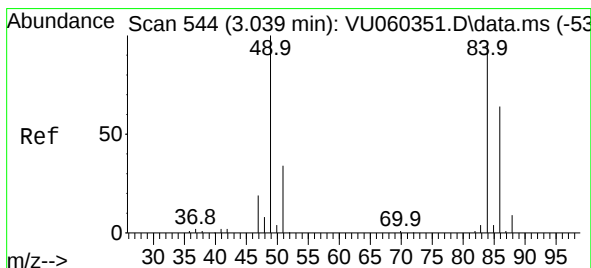
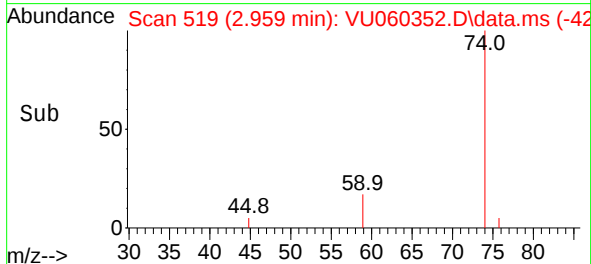
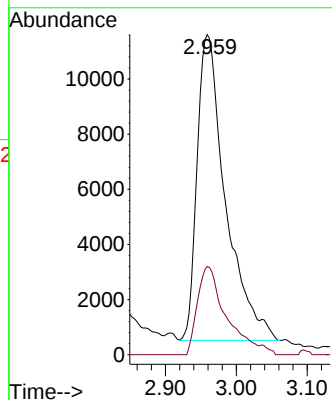
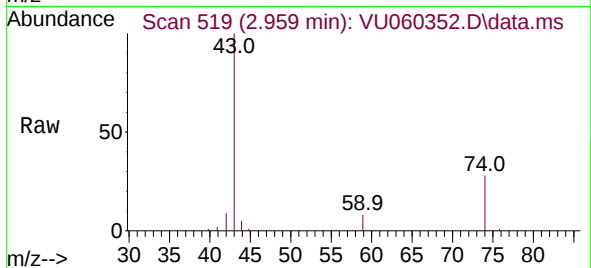
ClientSampleId :

Tgt Ion: 43 Resp: 30979

Ion Ratio Lower Upper

43 100

74 29.5 21.3 31.9



#16

Methylene chloride

Concen: 8.582 ug/L

RT: 3.039 min Scan# 544

Delta R.T. 0.000 min

Lab File: VU060352.D

Acq: 08 Aug 2024 11:56

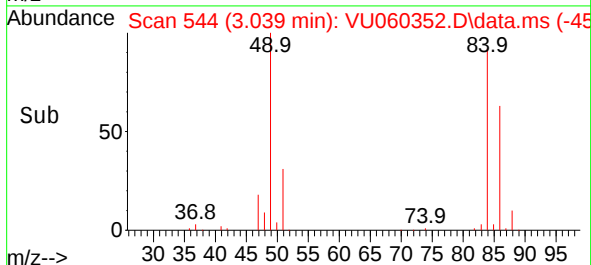
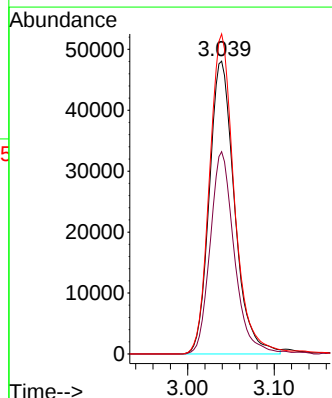
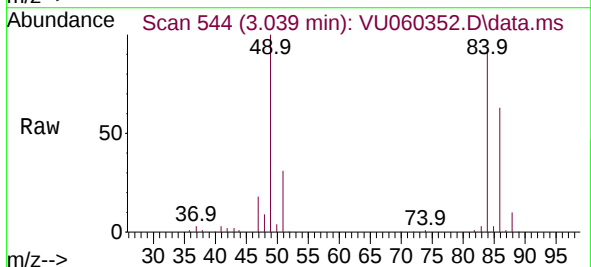
Tgt Ion: 84 Resp: 97236

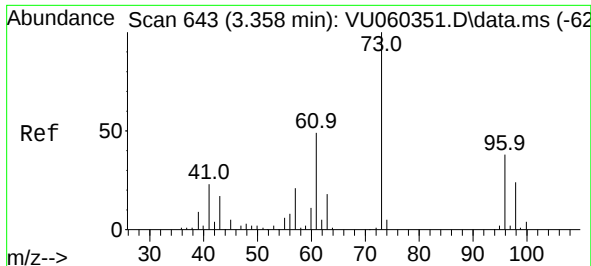
Ion Ratio Lower Upper

84 100

86 69.1 47.1 87.5

49 109.3 73.9 137.3

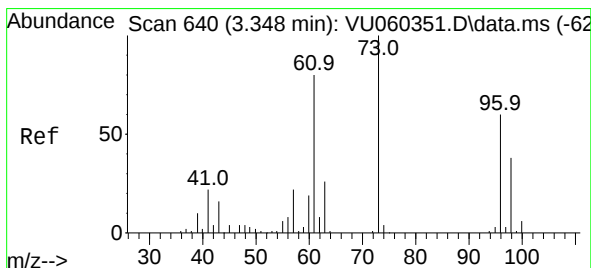
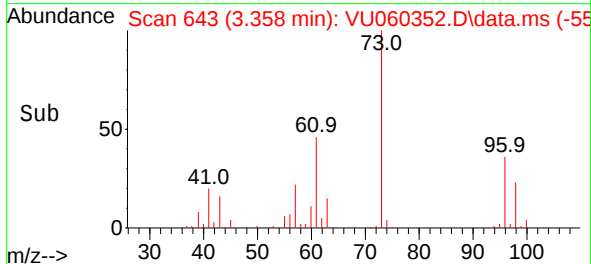
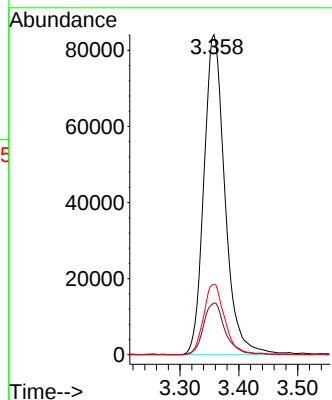
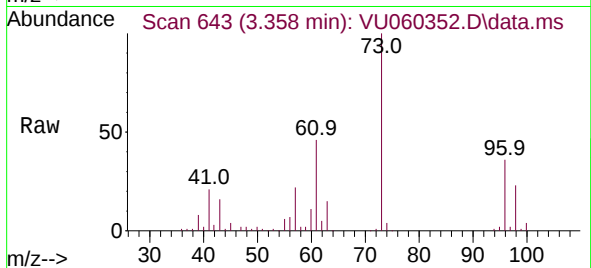




#17
Methyl tert-butyl Ether
Concen: 9.821 ug/L
RT: 3.358 min Scan# 643
Delta R.T. 0.000 min
Lab File: VU060352.D
Acq: 08 Aug 2024 11:56

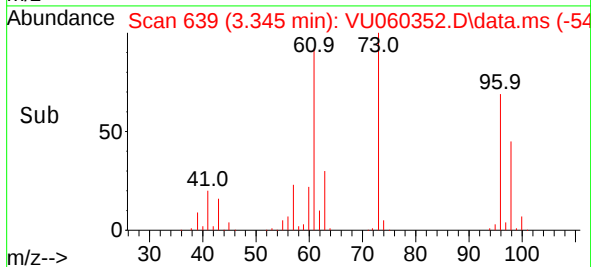
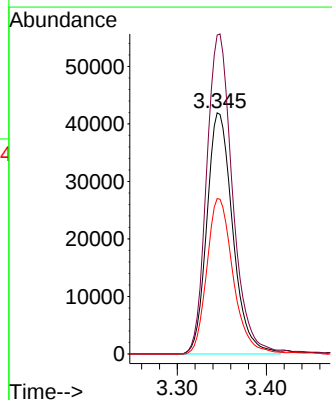
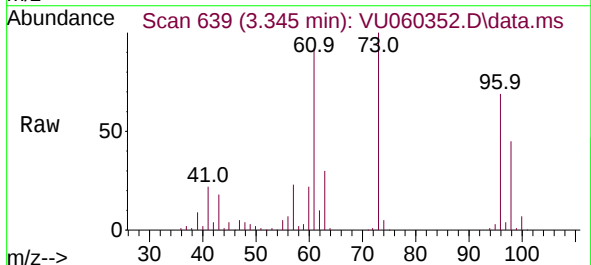
Instrument :
MSVOA_U
ClientSampleId :

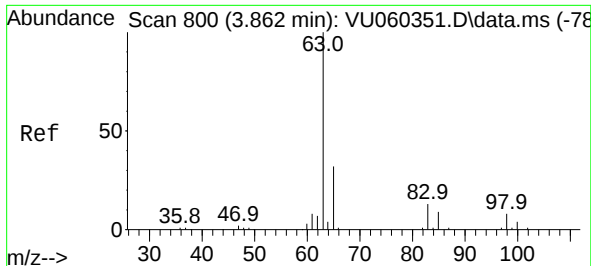
Tgt Ion: 73 Resp: 208914
Ion Ratio Lower Upper
73 100
43 16.4 12.8 19.2
57 22.3 17.5 26.3



#18
trans-1,2-Dichloroethene
Concen: 8.847 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.003 min
Lab File: VU060352.D
Acq: 08 Aug 2024 11:56

Tgt Ion: 96 Resp: 84580
Ion Ratio Lower Upper
96 100
61 132.3 93.7 174.1
98 64.4 44.7 82.9

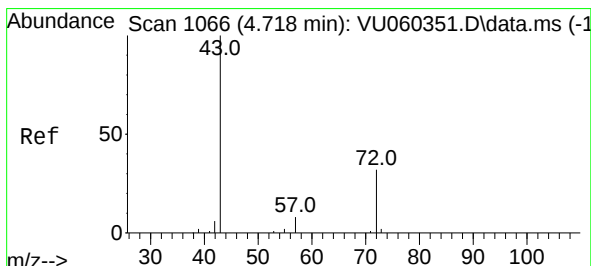
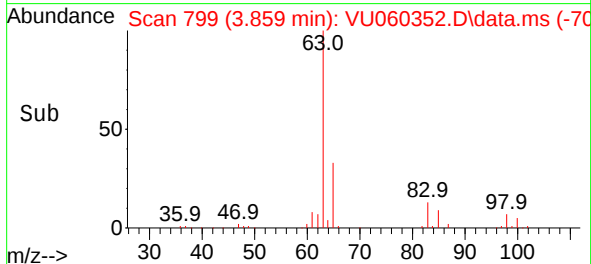
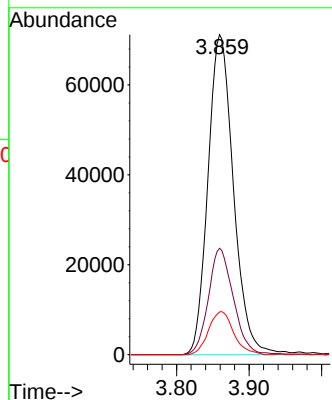
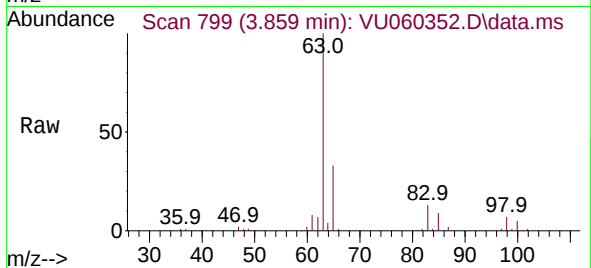




#19
1,1-Dichloroethane
Concen: 9.501 ug/L
RT: 3.859 min Scan# 70
Delta R.T. -0.003 min
Lab File: VU060352.D
Acq: 08 Aug 2024 11:56

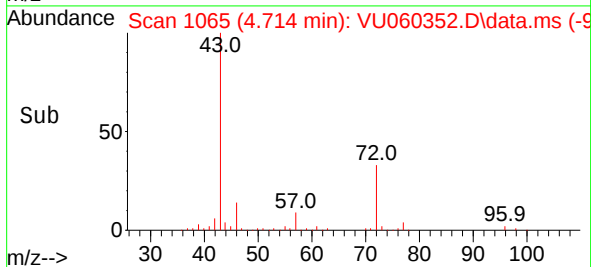
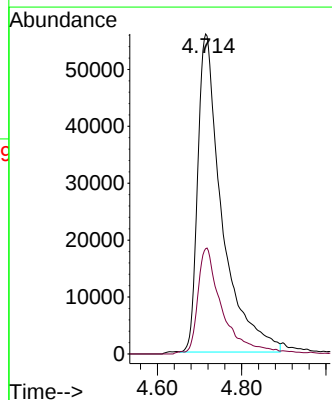
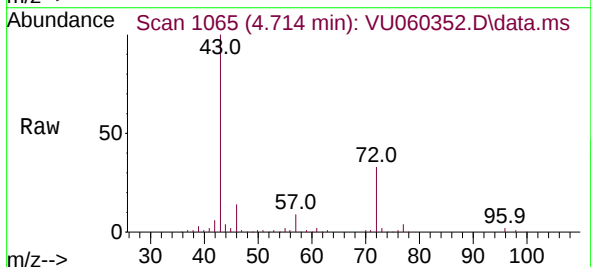
Instrument :
MSVOA_U
ClientSampleId :

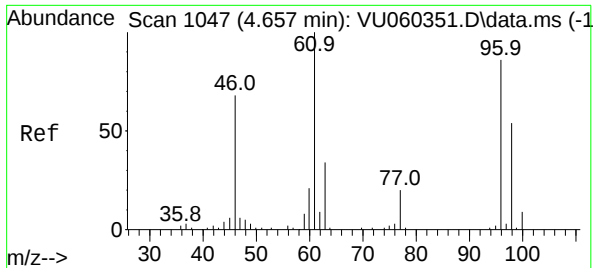
Tgt Ion: 63 Resp: 173877
Ion Ratio Lower Upper
63 100
65 33.2 22.2 41.2
83 13.4 9.1 16.9



#21
2-Butanone
Concen: 104.617 ug/L
RT: 4.714 min Scan# 1065
Delta R.T. -0.003 min
Lab File: VU060352.D
Acq: 08 Aug 2024 11:56

Tgt Ion: 43 Resp: 222318
Ion Ratio Lower Upper
43 100
72 31.2 15.9 47.6

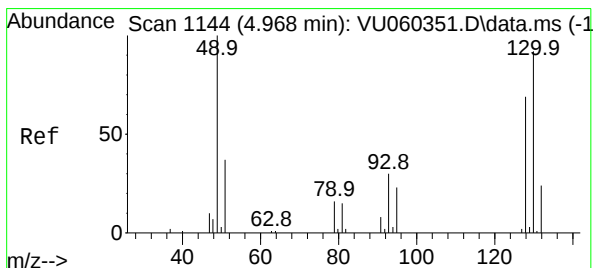
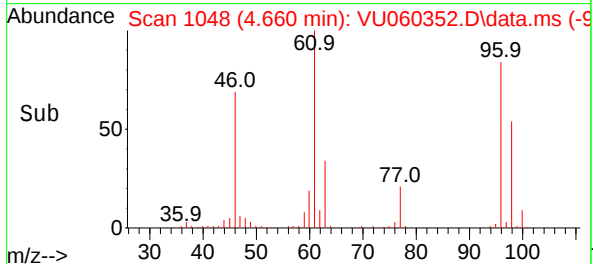
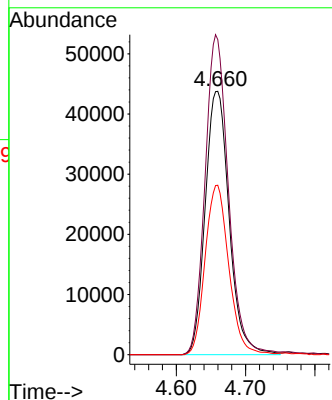
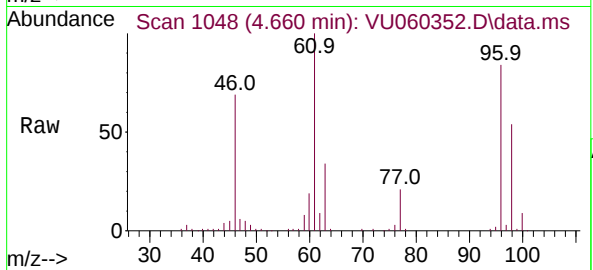




#22
 cis-1,2-Dichloroethene
 Concen: 9.768 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. 0.003 min
 Lab File: VU060352.D
 Acq: 08 Aug 2024 11:56

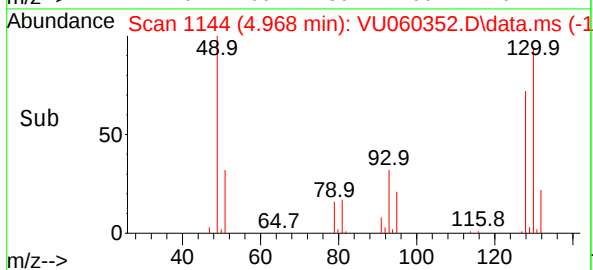
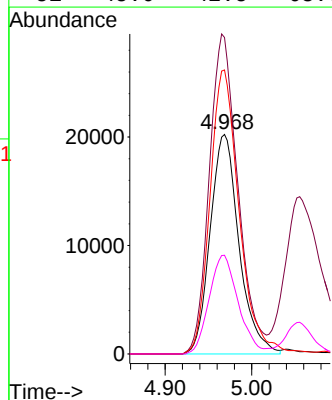
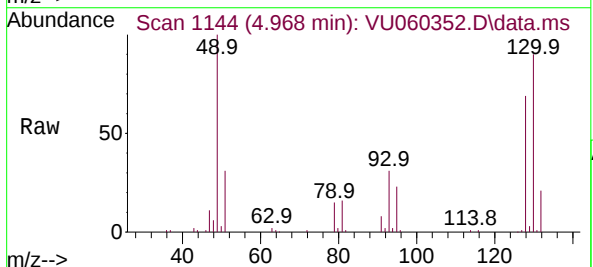
Instrument :
 MSVOA_U
 ClientSampleId :

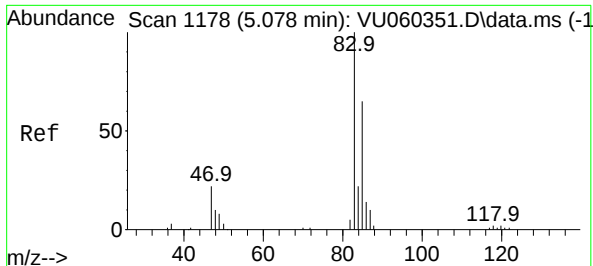
Tgt Ion: 96 Resp: 105225
 Ion Ratio Lower Upper
 96 100
 61 119.6 81.5 151.5
 98 64.3 43.5 80.7



#23
 Bromochloromethane
 Concen: 8.945 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. 0.000 min
 Lab File: VU060352.D
 Acq: 08 Aug 2024 11:56

Tgt Ion:128 Resp: 46890
 Ion Ratio Lower Upper
 128 100
 49 144.2 101.0 187.6
 130 129.4 92.7 172.1
 51 45.0 42.5 63.7

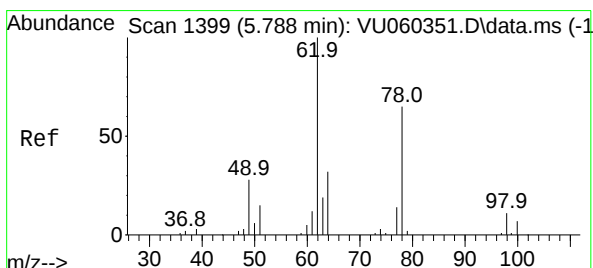
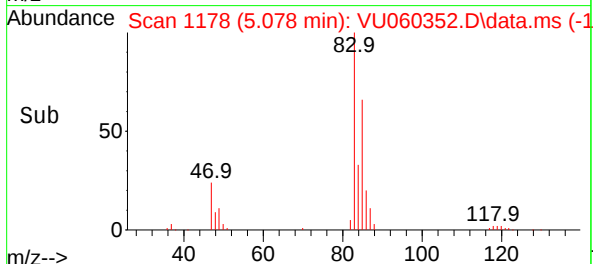
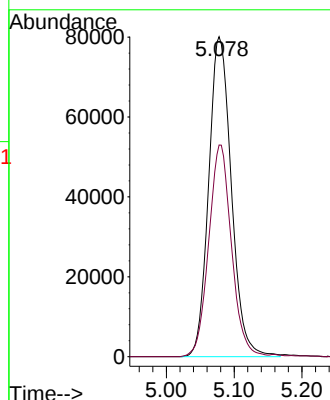
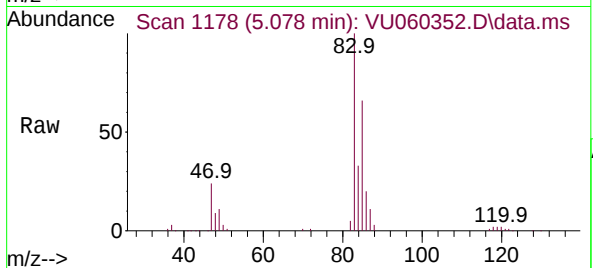




#25
Chloroform
Concen: 9.227 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. 0.000 min
Lab File: VU060352.D
Acq: 08 Aug 2024 11:56

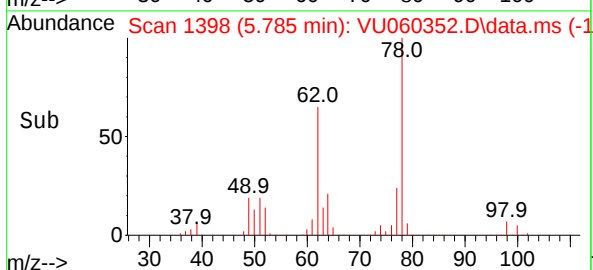
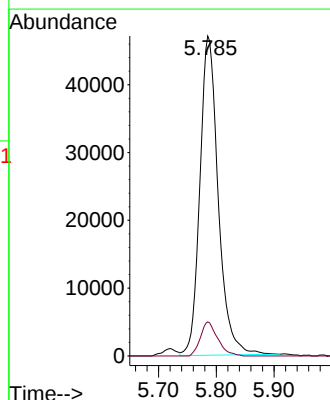
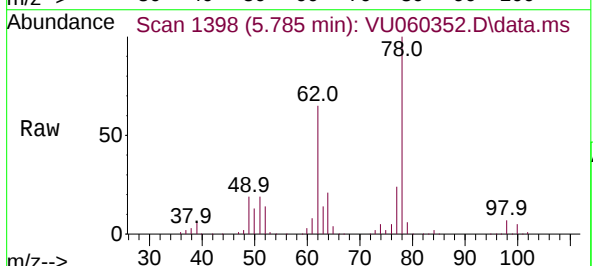
Instrument :
MSVOA_U
ClientSampleId :

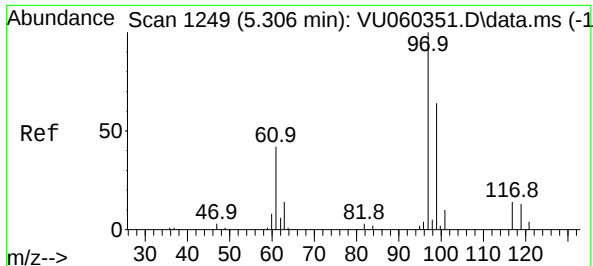
Tgt Ion: 83 Resp: 186182
Ion Ratio Lower Upper
83 100
85 66.2 45.6 84.6



#27
1,2-Dichloroethane
Concen: 9.068 ug/L
RT: 5.785 min Scan# 1398
Delta R.T. -0.003 min
Lab File: VU060352.D
Acq: 08 Aug 2024 11:56

Tgt Ion: 62 Resp: 103979
Ion Ratio Lower Upper
62 100
98 10.7 9.0 13.6



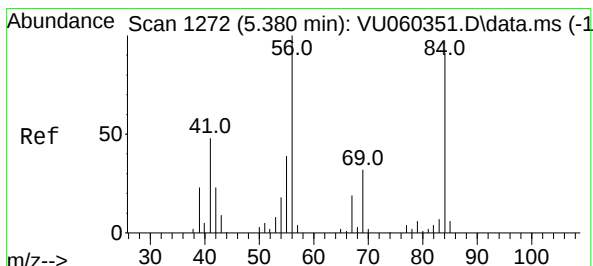
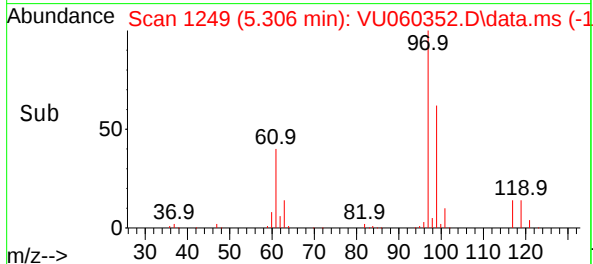
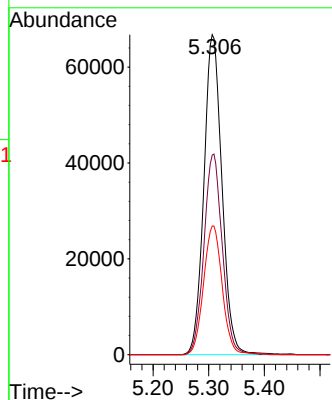
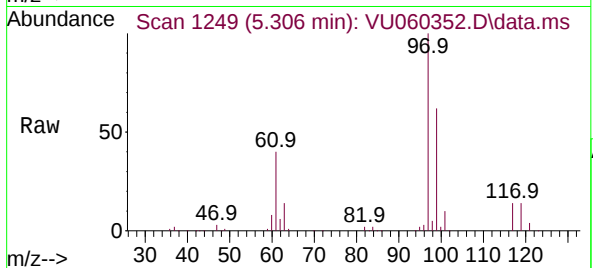


#29
1,1,1-Trichloroethane
Concen: 9.541 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VU060352.D
Acq: 08 Aug 2024 11:56

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 150717

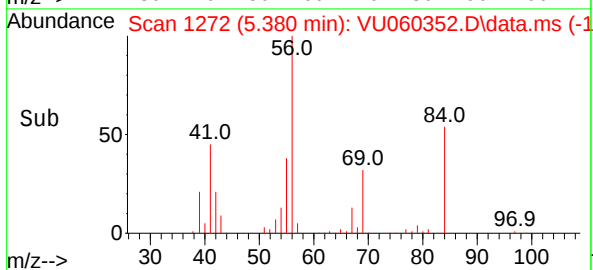
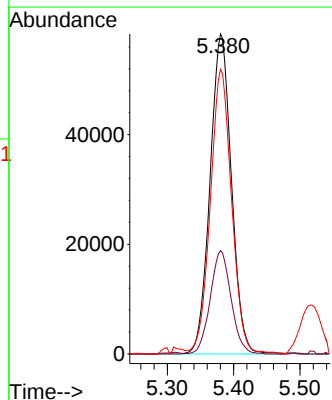
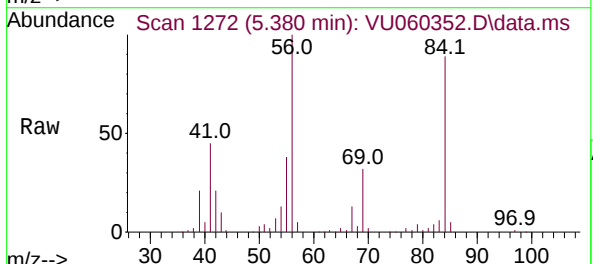
Ion	Ratio	Lower	Upper
97	100		
99	63.6	51.4	77.2
61	41.3	33.0	49.6

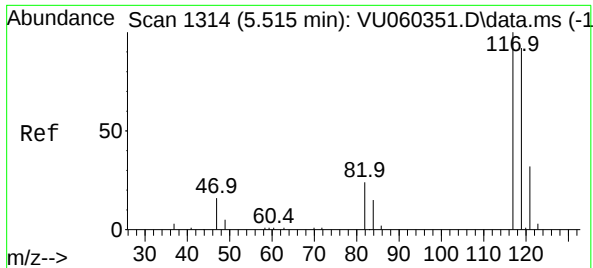


#30
Cyclohexane
Concen: 10.436 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VU060352.D
Acq: 08 Aug 2024 11:56

Tgt Ion: 56 Resp: 130693

Ion	Ratio	Lower	Upper
56	100		
69	31.4	24.7	37.1
84	85.9	70.7	106.1

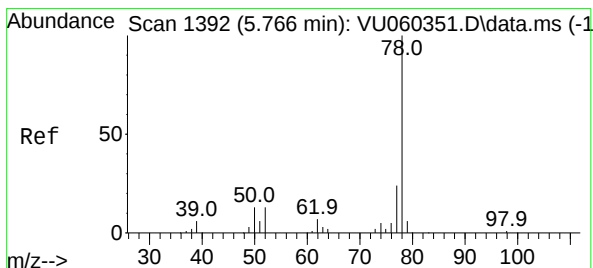
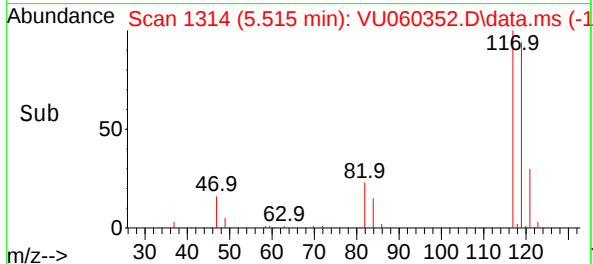
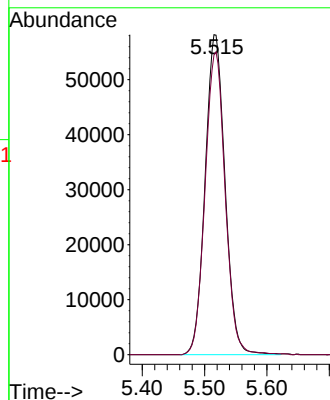
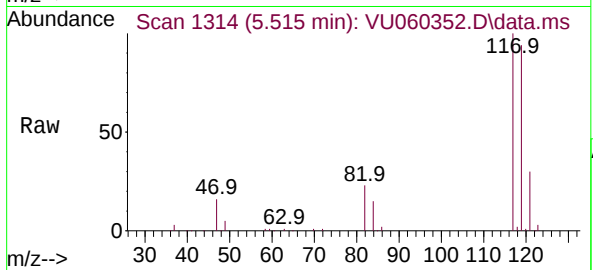




#31
Carbon tetrachloride
Concen: 9.469 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VU060352.D
Acq: 08 Aug 2024 11:56

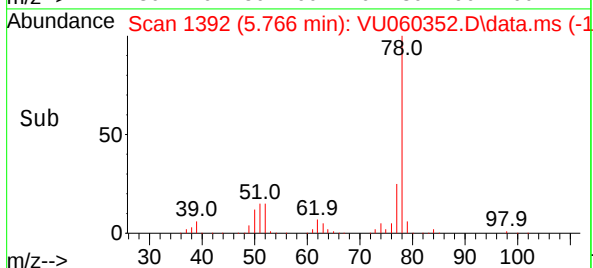
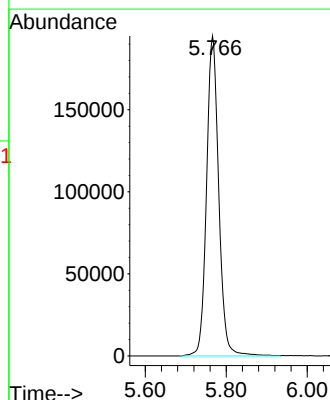
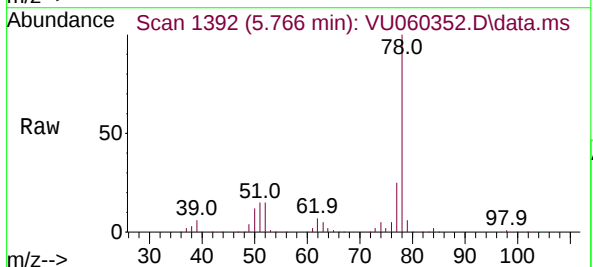
Instrument :
MSVOA_U
ClientSampleId :

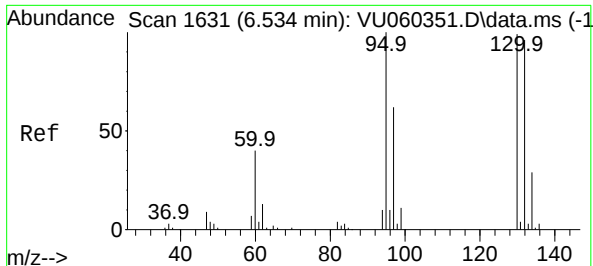
Tgt Ion:117 Resp: 129362
Ion Ratio Lower Upper
117 100
119 95.3 75.8 113.8



#33
Benzene
Concen: 9.795 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU060352.D
Acq: 08 Aug 2024 11:56

Tgt Ion: 78 Resp: 407829





#34

Trichloroethene

Concen: 9.299 ug/L

RT: 6.534 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU060352.D

Acq: 08 Aug 2024 11:56

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 103052

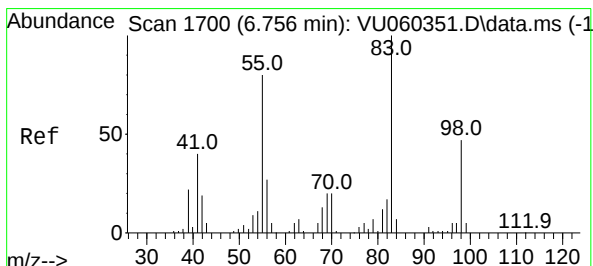
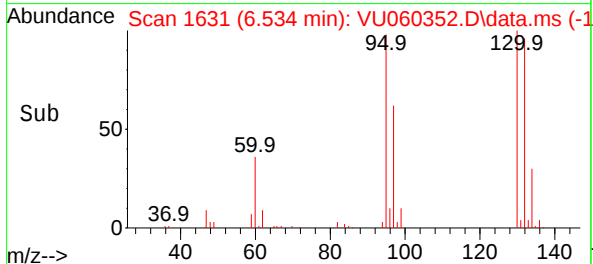
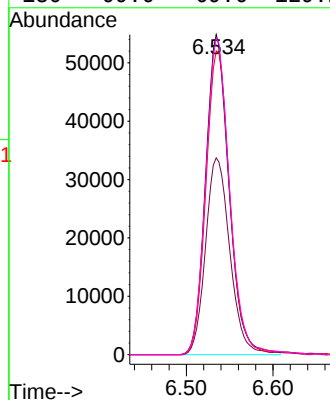
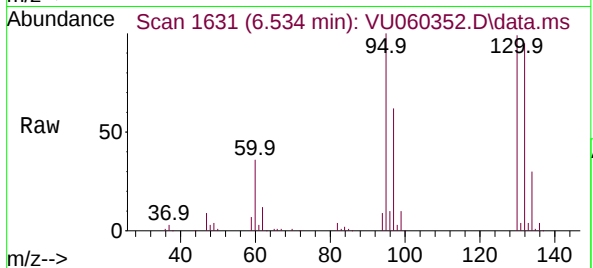
Ion Ratio Lower Upper

95 100

97 61.5 43.6 81.0

132 94.9 67.1 124.5

130 99.0 69.6 129.2



#35

Methylcyclohexane

Concen: 10.123 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VU060352.D

Acq: 08 Aug 2024 11:56

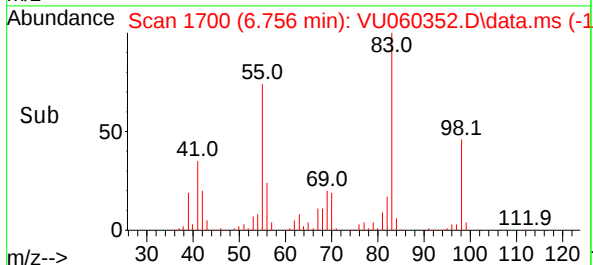
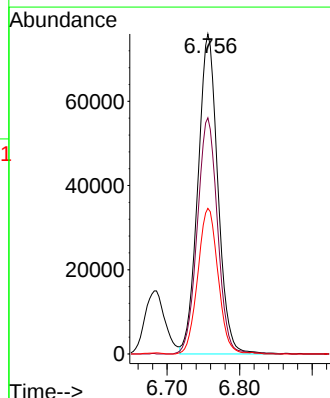
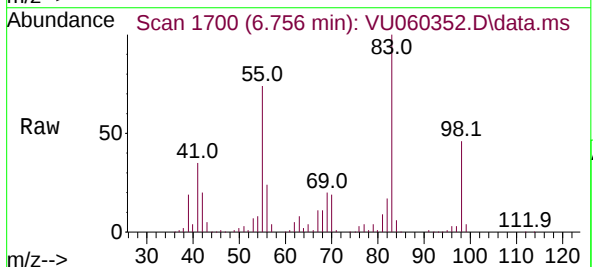
Tgt Ion: 83 Resp: 145352

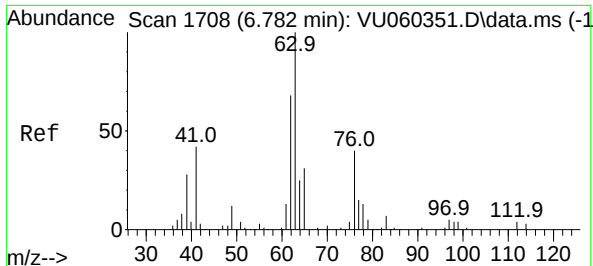
Ion Ratio Lower Upper

83 100

55 74.8 62.4 93.6

98 46.3 37.3 55.9

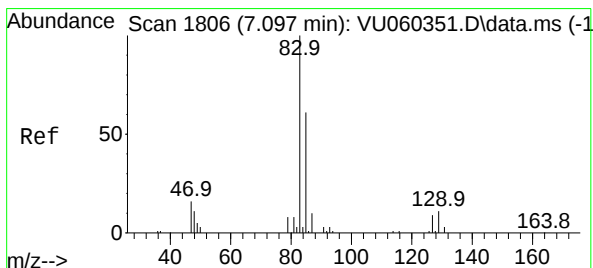
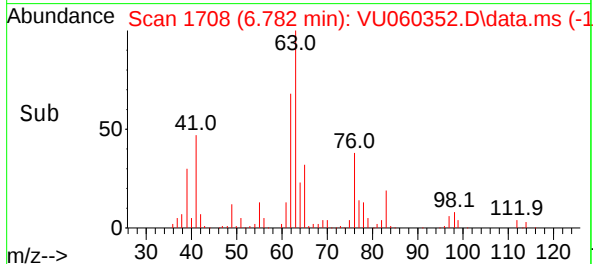
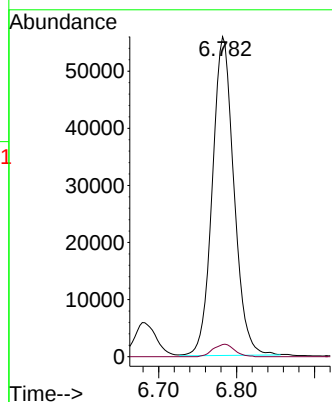
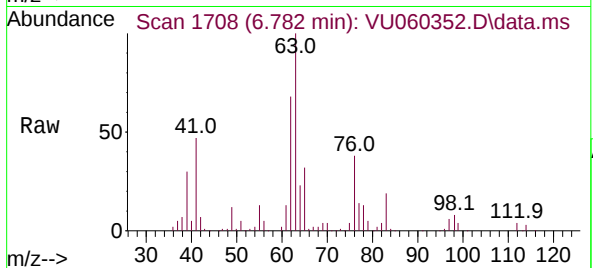




#37
1,2-Dichloropropane
Concen: 9.477 ug/L
RT: 6.782 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU060352.D
Acq: 08 Aug 2024 11:56

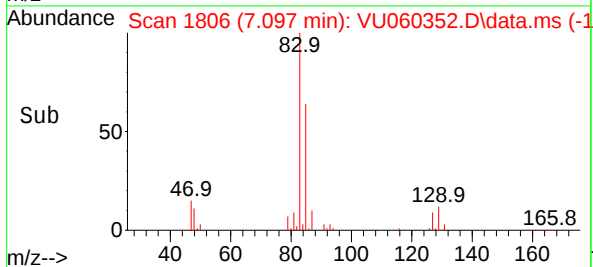
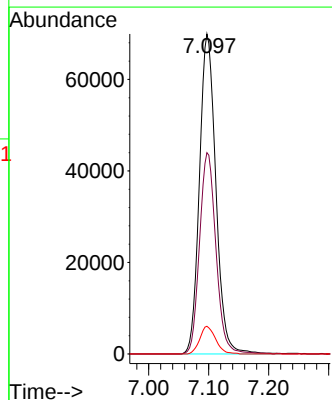
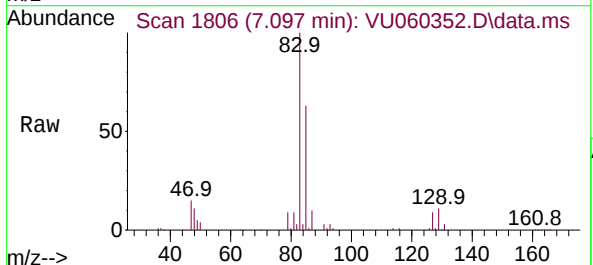
Instrument :
MSVOA_U
ClientSampleId :

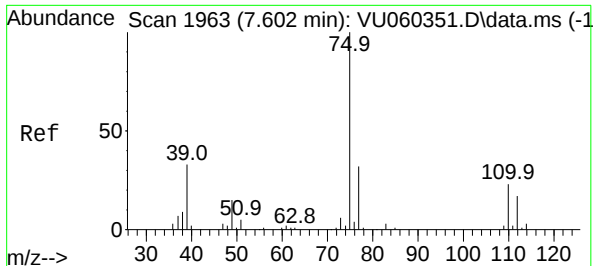
Tgt Ion: 63 Resp: 107708
Ion Ratio Lower Upper
63 100
112 3.9 3.3 4.9



#38
Bromodichloromethane
Concen: 9.402 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU060352.D
Acq: 08 Aug 2024 11:56

Tgt Ion: 83 Resp: 133591
Ion Ratio Lower Upper
83 100
85 62.9 42.4 78.8
127 8.6 7.0 10.4

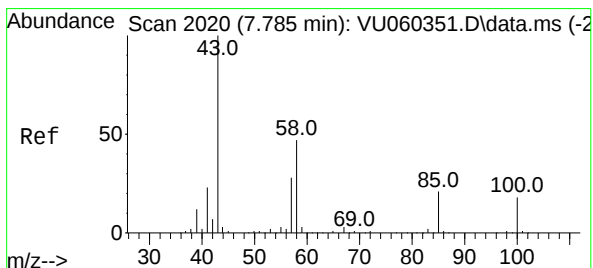
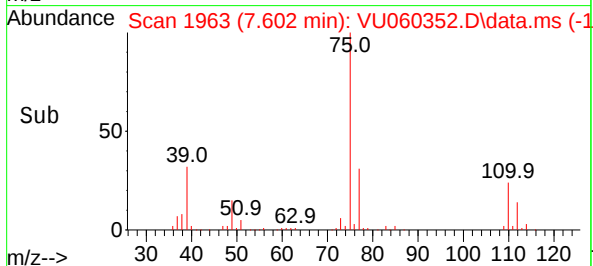
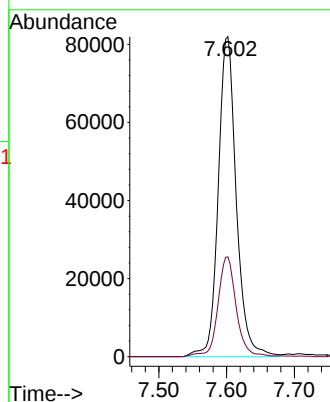
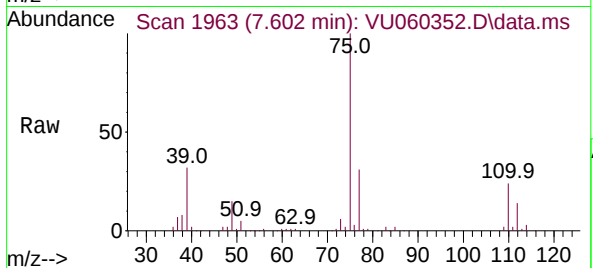




#39
 cis-1,3-Dichloropropene
 Concen: 10.215 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. 0.000 min
 Lab File: VU060352.D
 Acq: 08 Aug 2024 11:56

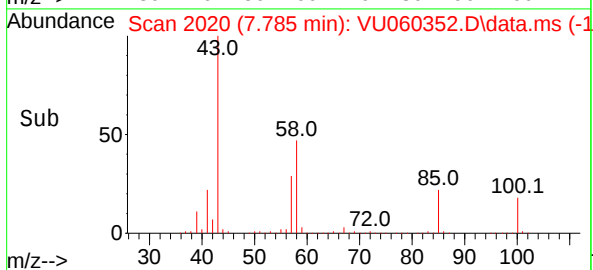
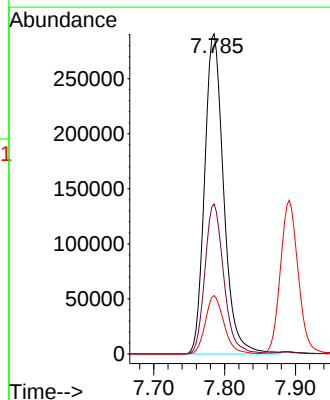
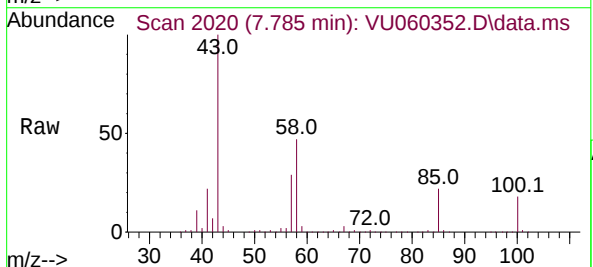
Instrument :
 MSVOA_U
 ClientSampleId :

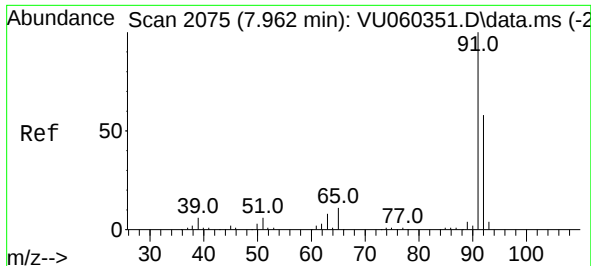
Tgt Ion: 75 Resp: 151696
 Ion Ratio Lower Upper
 75 100
 77 31.2 22.5 41.9



#40
 4-Methyl-2-pentanone
 Concen: 106.680 ug/L
 RT: 7.785 min Scan# 2020
 Delta R.T. 0.000 min
 Lab File: VU060352.D
 Acq: 08 Aug 2024 11:56

Tgt Ion: 43 Resp: 543684
 Ion Ratio Lower Upper
 43 100
 58 46.4 36.6 55.0
 100 17.9 14.1 21.1





#42

Toluene

Concen: 10.088 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU060352.D

Acq: 08 Aug 2024 11:56

Instrument :

MSVOA_U

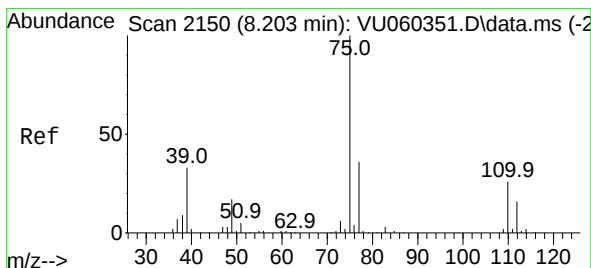
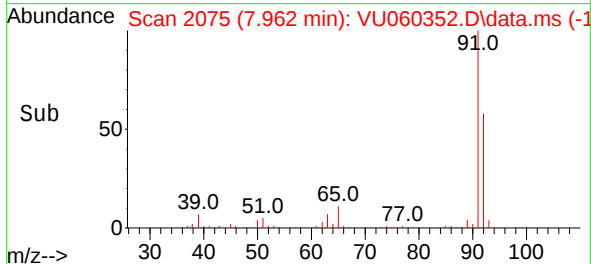
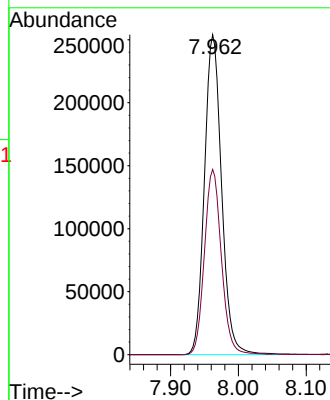
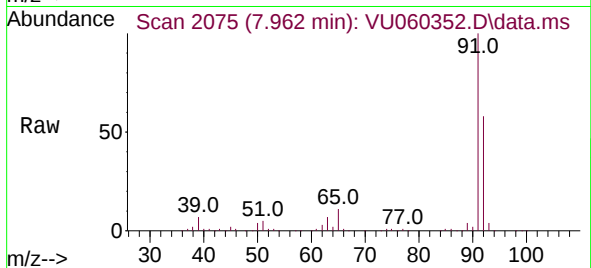
ClientSampleId :

Tgt Ion: 91 Resp: 446874

Ion Ratio Lower Upper

91 100

92 57.9 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 9.968 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. 0.000 min

Lab File: VU060352.D

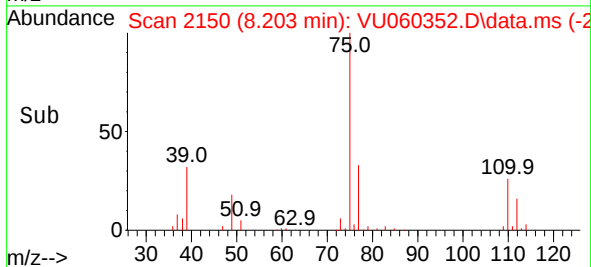
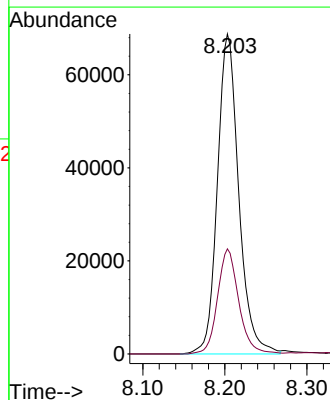
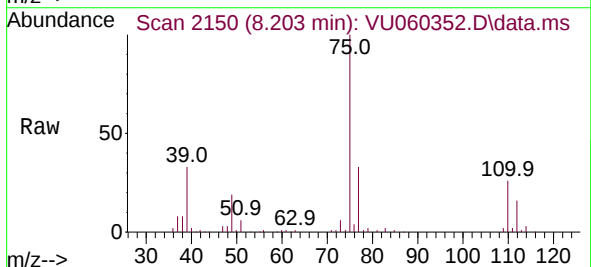
Acq: 08 Aug 2024 11:56

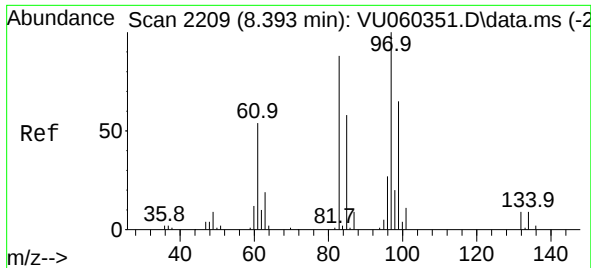
Tgt Ion: 75 Resp: 124420

Ion Ratio Lower Upper

75 100

77 32.8 25.0 46.4

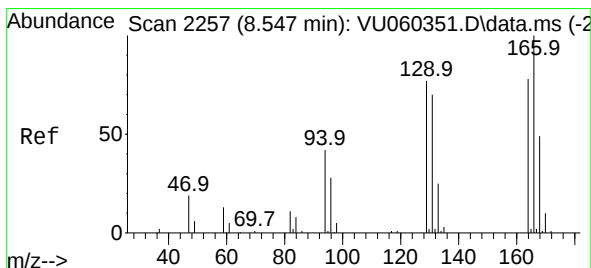
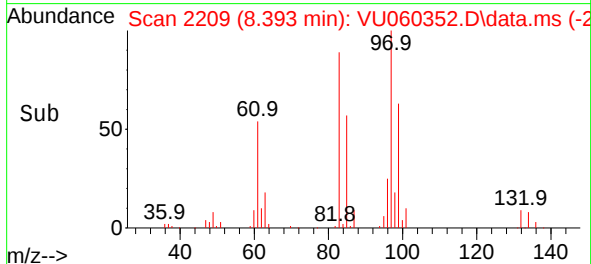
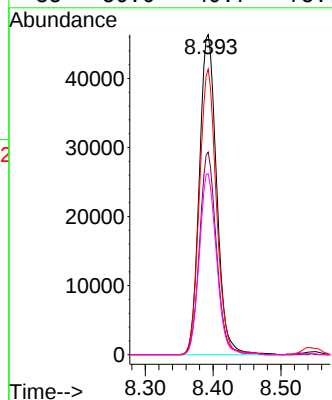
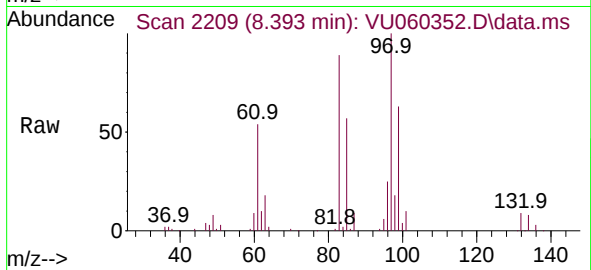




#45
1,1,2-Trichloroethane
Concen: 9.468 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VU060352.D
Acq: 08 Aug 2024 11:56

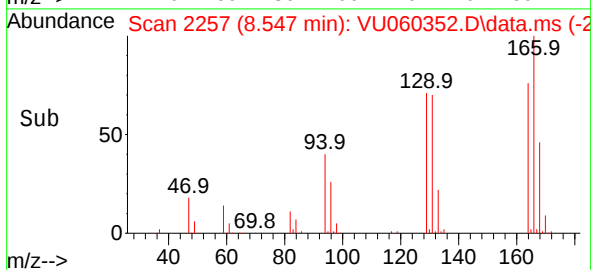
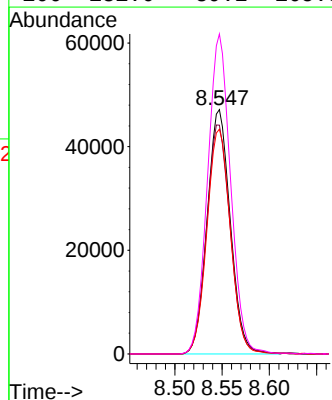
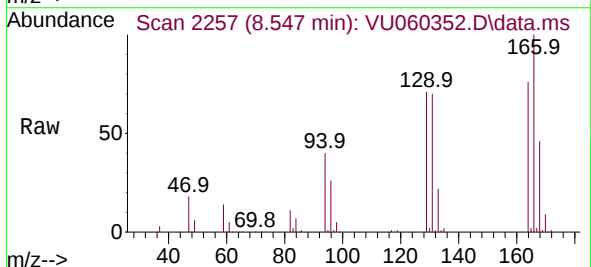
Instrument :
MSVOA_U
ClientSampleId :

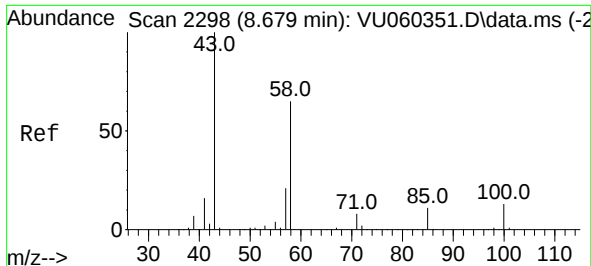
Tgt Ion:	97	Resp:	81993
Ion	Ratio	Lower	Upper
97	100		
99	63.3	45.8	85.0
83	89.2	61.7	114.5
85	56.6	40.7	75.7



#47
Tetrachloroethene
Concen: 8.938 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU060352.D
Acq: 08 Aug 2024 11:56

Tgt Ion:	164	Resp:	80533
Ion	Ratio	Lower	Upper
164	100		
129	93.7	69.0	128.1
131	92.0	62.6	116.3
166	131.0	89.2	165.8



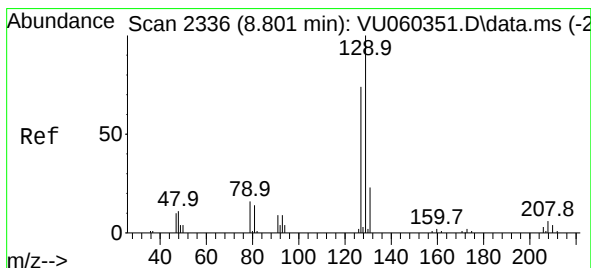
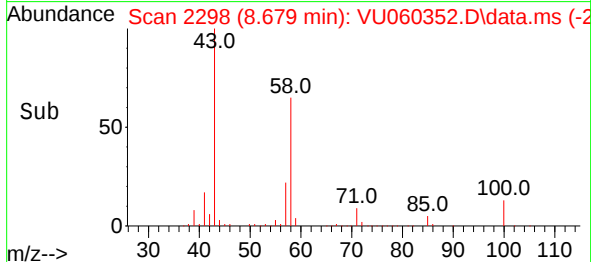
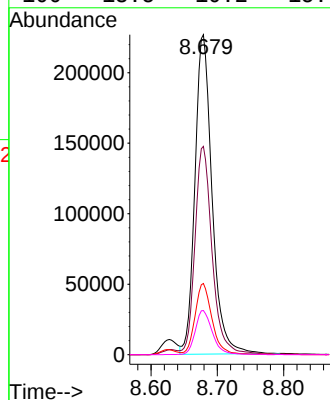
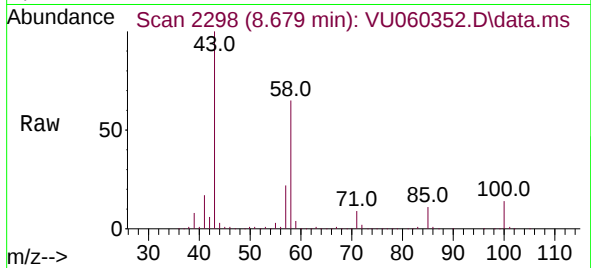


#48
2-Hexanone
Concen: 107.466 ug/L
RT: 8.679 min Scan# 2298
Delta R.T. 0.000 min
Lab File: VU060352.D
Acq: 08 Aug 2024 11:56

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 407056

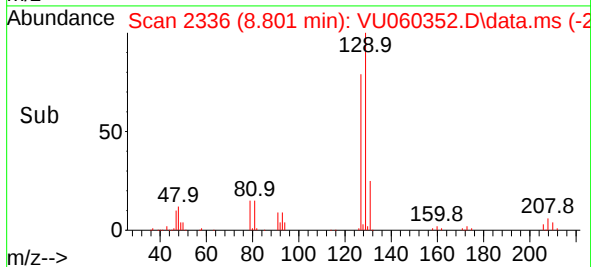
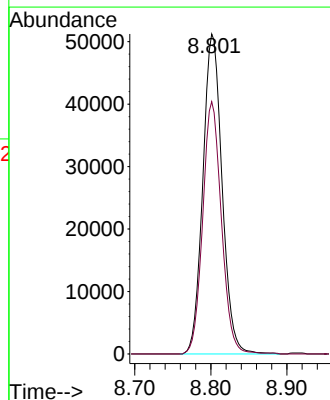
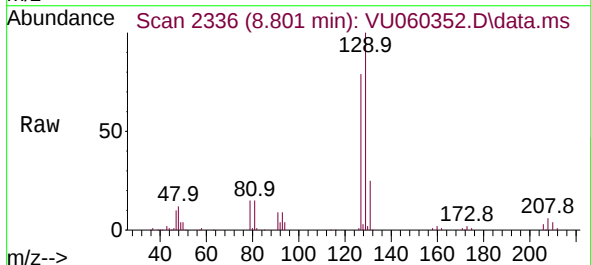
Ion	Ratio	Lower	Upper
43	100		
58	64.8	50.9	76.3
57	21.8	17.4	26.0
100	13.5	10.2	15.4

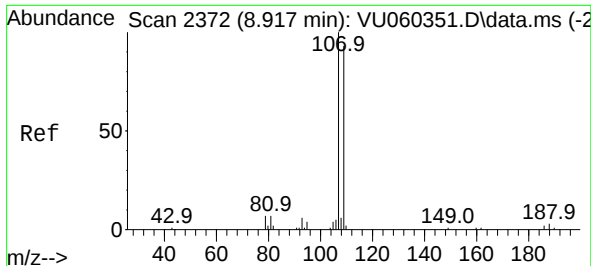


#49
Dibromochloromethane
Concen: 9.434 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VU060352.D
Acq: 08 Aug 2024 11:56

Tgt Ion: 129 Resp: 90058

Ion	Ratio	Lower	Upper
129	100		
127	78.9	51.9	96.3





#50

1,2-Dibromoethane

Concen: 9.384 ug/L

RT: 8.917 min Scan# 2372

Delta R.T. 0.000 min

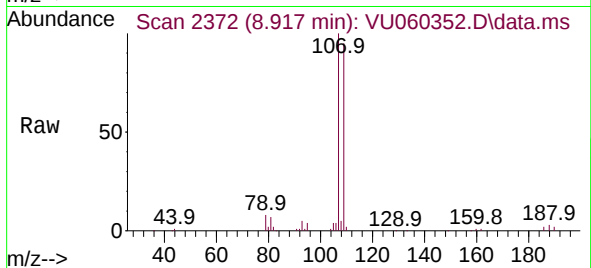
Lab File: VU060352.D

Acq: 08 Aug 2024 11:56

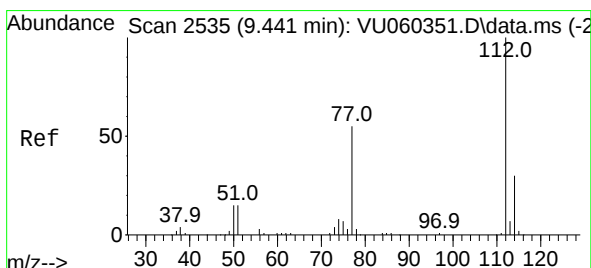
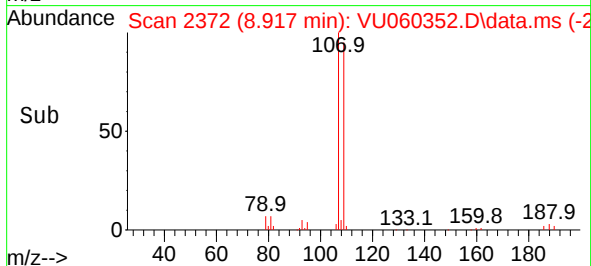
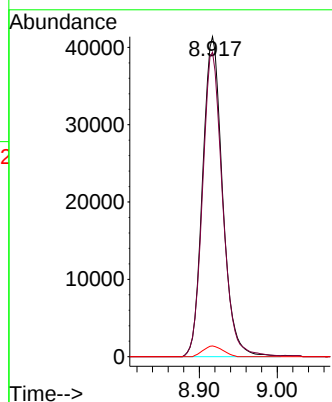
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	107	Resp:	73492
Ion	Ratio	Lower	Upper
107	100		
109	95.2	64.8	120.3
188	3.3	2.6	3.8



#51

Chlorobenzene

Concen: 9.691 ug/L

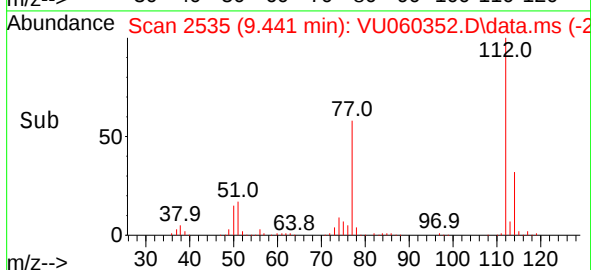
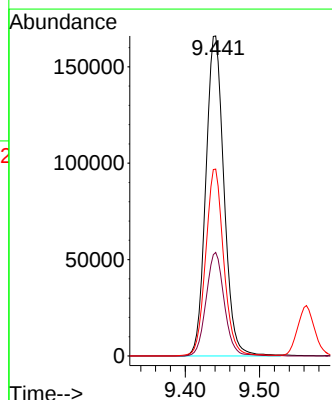
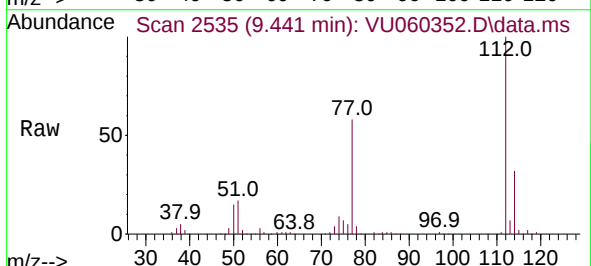
RT: 9.441 min Scan# 2535

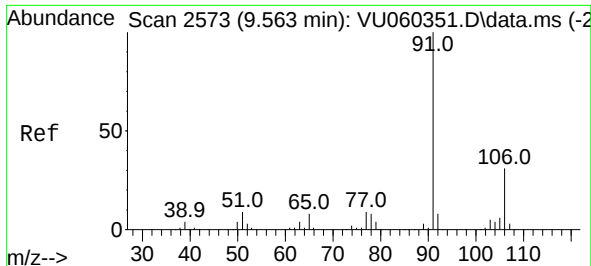
Delta R.T. 0.000 min

Lab File: VU060352.D

Acq: 08 Aug 2024 11:56

Tgt Ion:	112	Resp:	281704
Ion	Ratio	Lower	Upper
112	100		
114	32.4	21.3	39.5
77	58.4	44.6	67.0

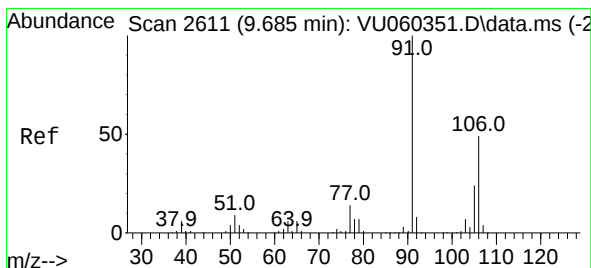
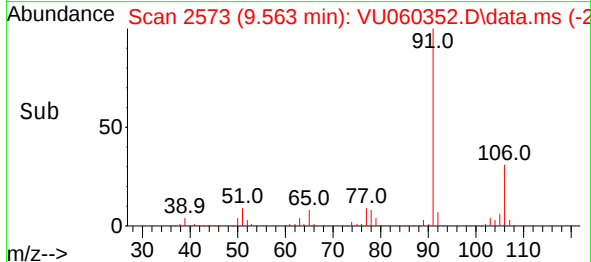
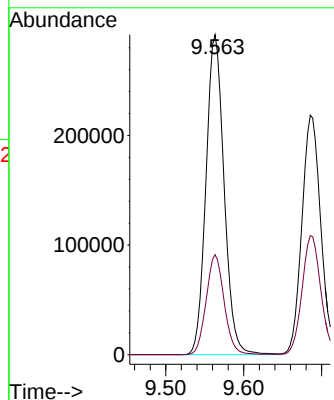
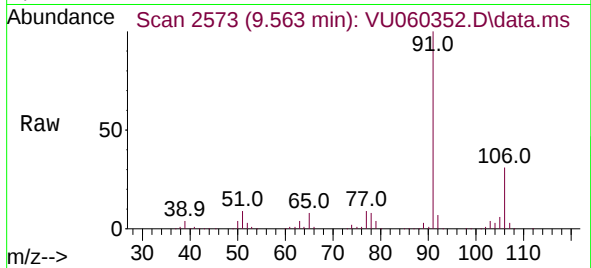




#52
Ethylbenzene
Concen: 10.612 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. 0.000 min
Lab File: VU060352.D
Acq: 08 Aug 2024 11:56

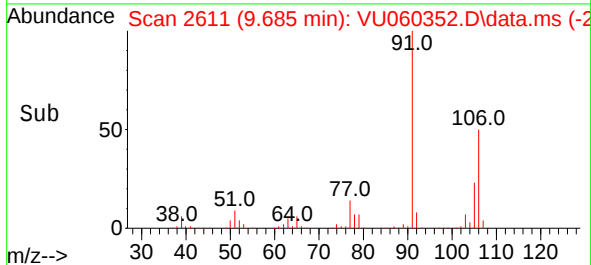
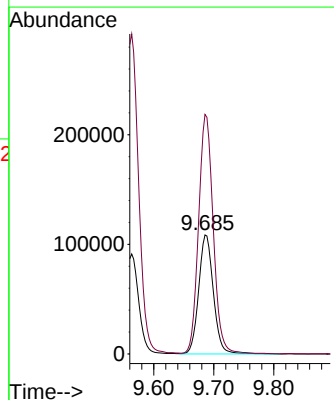
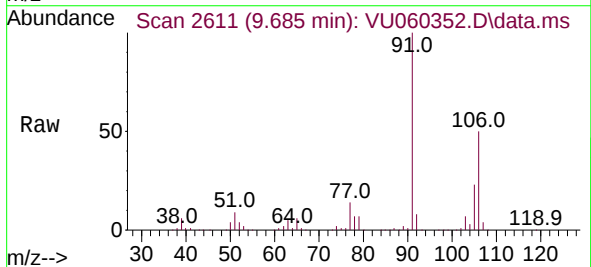
Instrument :
MSVOA_U
ClientSampleId :

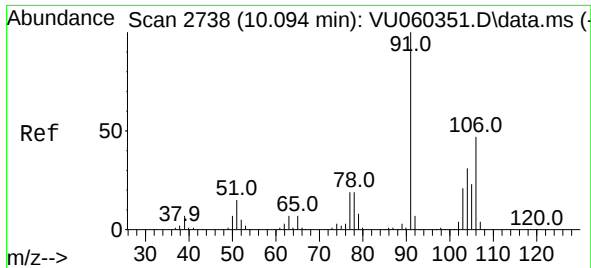
Tgt Ion: 91 Resp: 471603
Ion Ratio Lower Upper
91 100
106 31.2 21.6 40.2



#53
m,p-Xylene
Concen: 10.765 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. 0.000 min
Lab File: VU060352.D
Acq: 08 Aug 2024 11:56

Tgt Ion:106 Resp: 184924
Ion Ratio Lower Upper
106 100
91 201.0 143.2 266.0

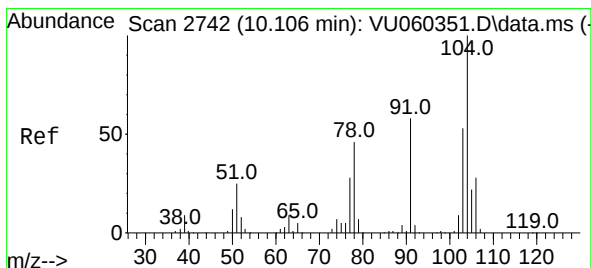
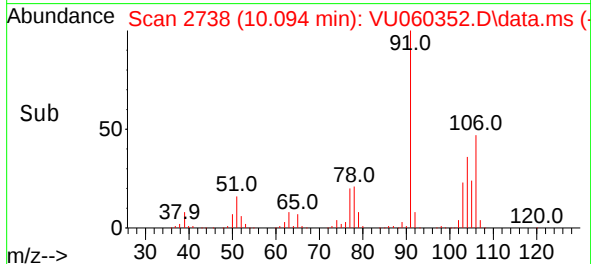
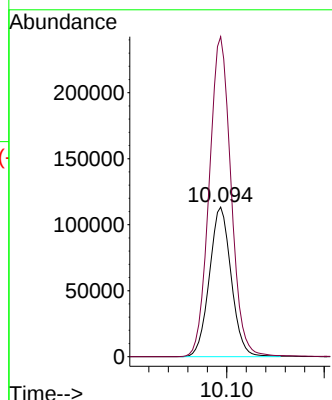
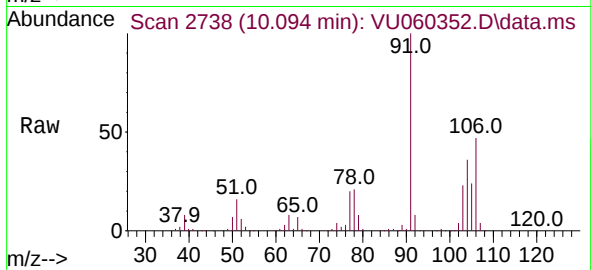




#54
o-Xylene
Concen: 10.686 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. 0.000 min
Lab File: VU060352.D
Acq: 08 Aug 2024 11:56

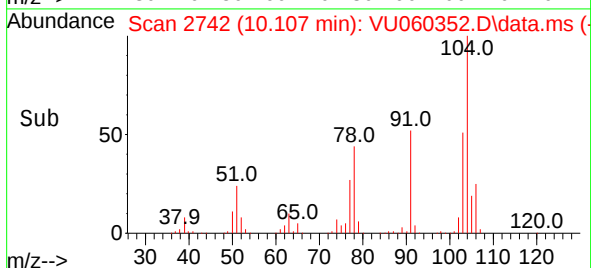
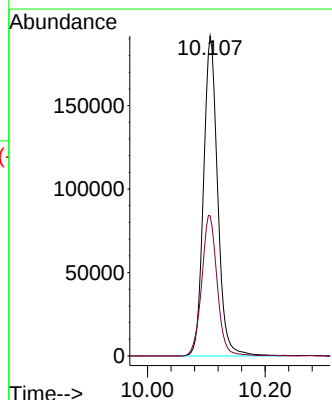
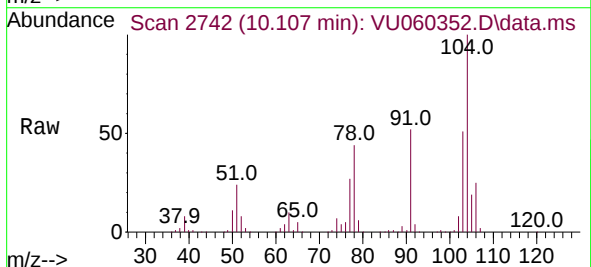
Instrument :
MSVOA_U
ClientSampleId :

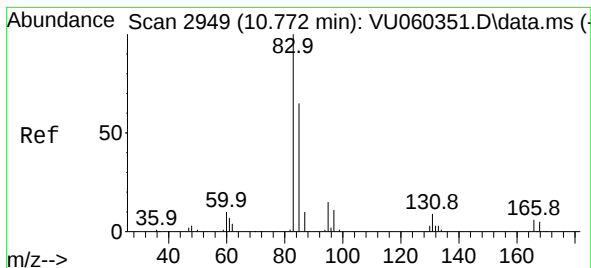
Tgt Ion:106 Resp: 175723
Ion Ratio Lower Upper
106 100
91 214.0 150.2 279.0



#55
Styrene
Concen: 11.409 ug/L
RT: 10.107 min Scan# 2742
Delta R.T. 0.000 min
Lab File: VU060352.D
Acq: 08 Aug 2024 11:56

Tgt Ion:104 Resp: 319564
Ion Ratio Lower Upper
104 100
78 43.8 32.1 59.7





#57

1,1,2,2-Tetrachloroethane

Concen: 9.595 ug/L

RT: 10.772 min Scan# 2949

Delta R.T. 0.000 min

Lab File: VU060352.D

Acq: 08 Aug 2024 11:56

Instrument :

MSVOA_U

ClientSampleId :

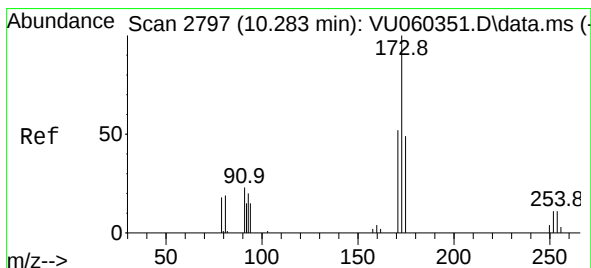
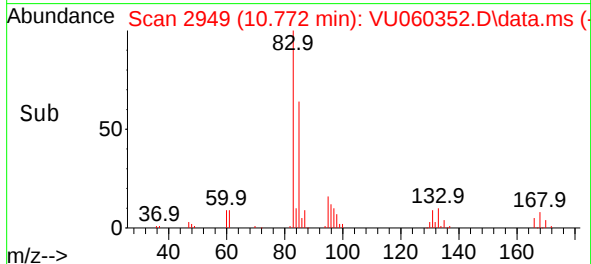
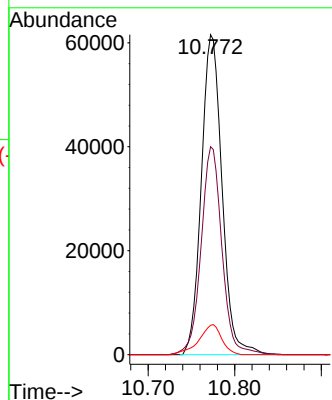
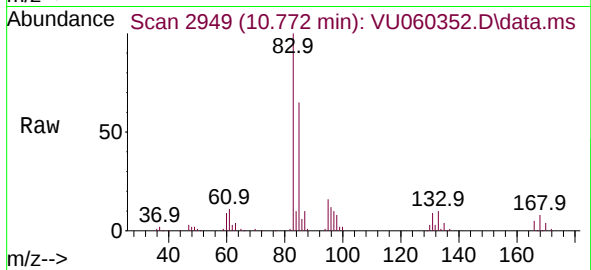
Tgt Ion: 83 Resp: 102291

Ion Ratio Lower Upper

83 100

85 65.0 46.1 85.5

131 9.2 7.6 11.4



#59

Bromoform

Concen: 8.650 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. 0.000 min

Lab File: VU060352.D

Acq: 08 Aug 2024 11:56

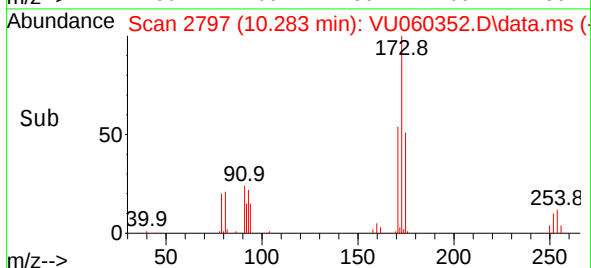
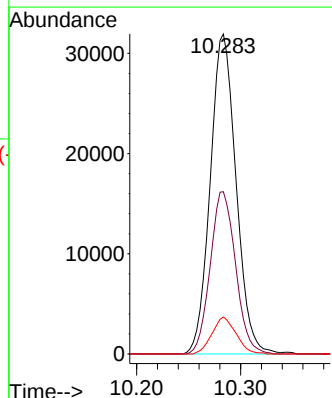
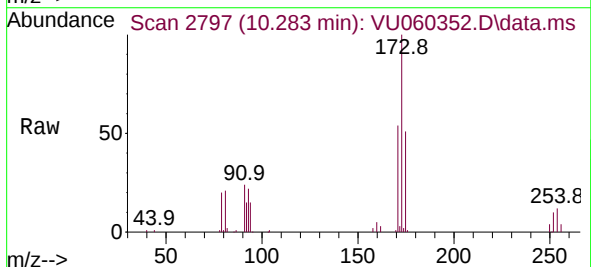
Tgt Ion:173 Resp: 55078

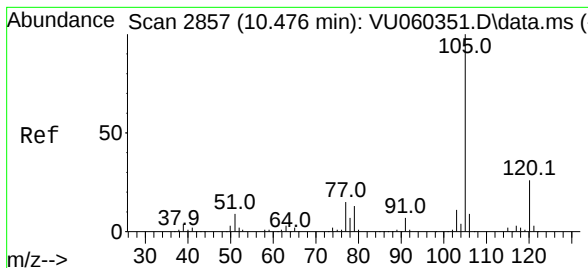
Ion Ratio Lower Upper

173 100

175 49.7 39.7 59.5

254 10.8 8.2 12.4





#60

Isopropylbenzene

Concen: 10.449 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. 0.000 min

Lab File: VU060352.D

Acq: 08 Aug 2024 11:56

Instrument :

MSVOA_U

ClientSampleId :

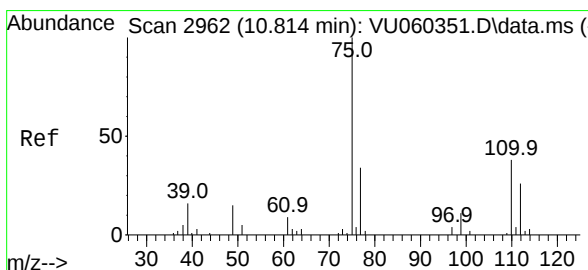
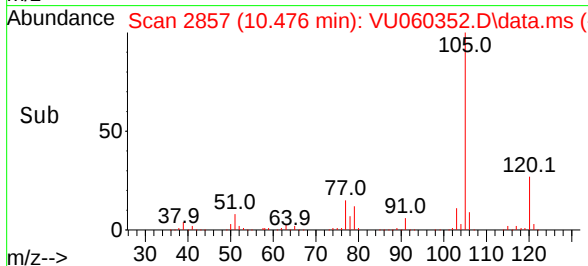
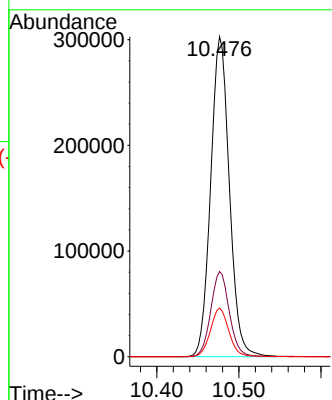
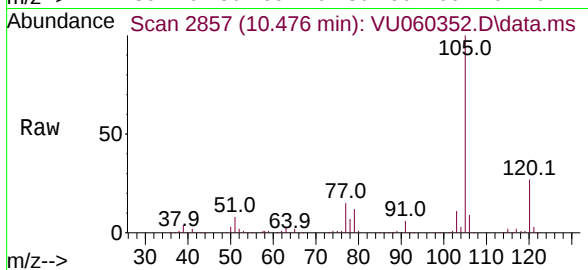
Tgt Ion:105 Resp: 479447

Ion Ratio Lower Upper

105 100

120 26.4 21.0 31.6

77 15.0 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 9.075 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. 0.000 min

Lab File: VU060352.D

Acq: 08 Aug 2024 11:56

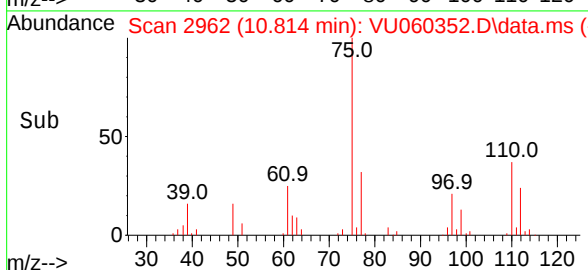
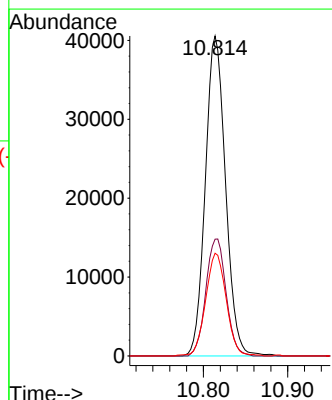
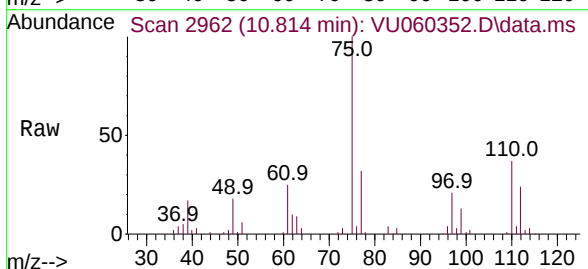
Tgt Ion: 75 Resp: 67752

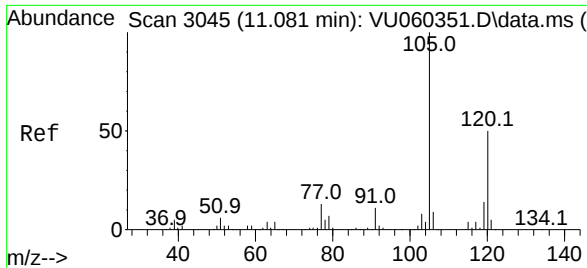
Ion Ratio Lower Upper

75 100

110 36.5 29.9 44.9

77 32.7 27.0 40.6

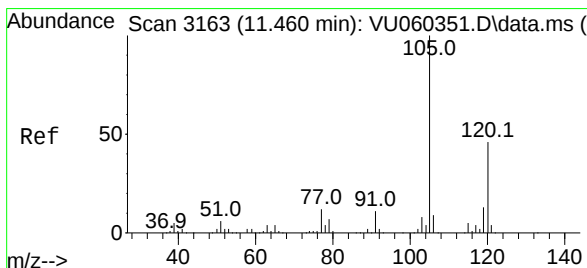
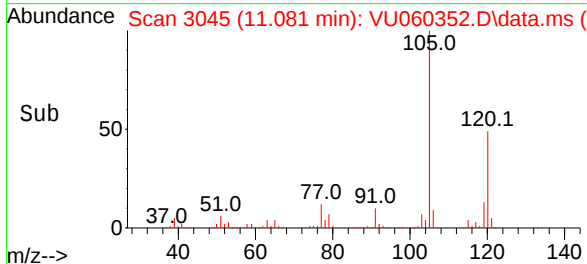
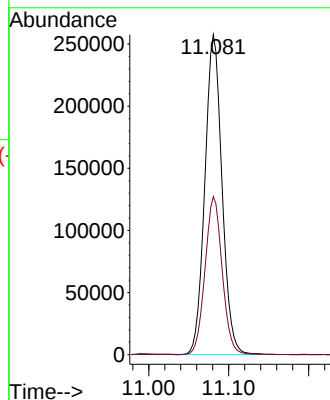
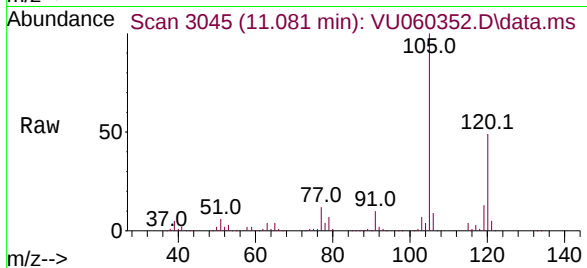




#62
1,3,5-Trimethylbenzene
Concen: 10.908 ug/L
RT: 11.081 min Scan# 3045
Delta R.T. 0.000 min
Lab File: VU060352.D
Acq: 08 Aug 2024 11:56

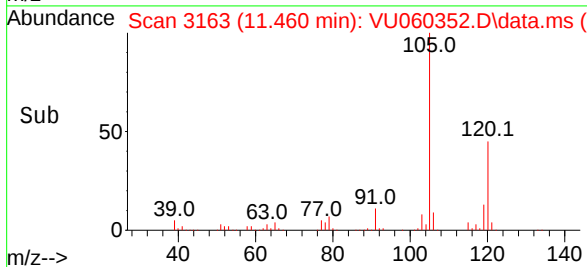
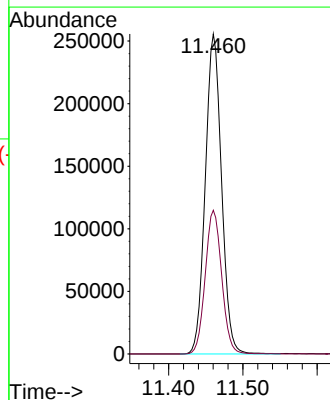
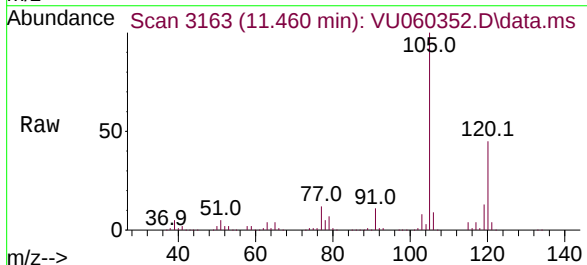
Instrument :
MSVOA_U
ClientSampleId :

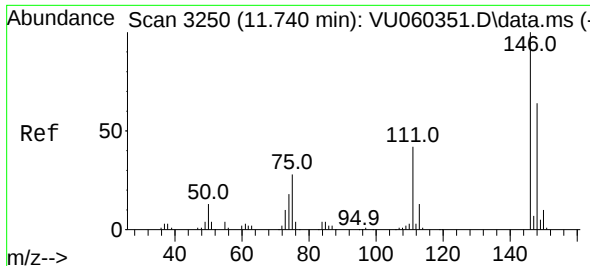
Tgt Ion:105 Resp: 383895
Ion Ratio Lower Upper
105 100
120 49.5 39.3 58.9



#63
1,2,4-Trimethylbenzene
Concen: 11.348 ug/L
RT: 11.460 min Scan# 3163
Delta R.T. 0.000 min
Lab File: VU060352.D
Acq: 08 Aug 2024 11:56

Tgt Ion:105 Resp: 387479
Ion Ratio Lower Upper
105 100
120 45.5 36.1 54.1

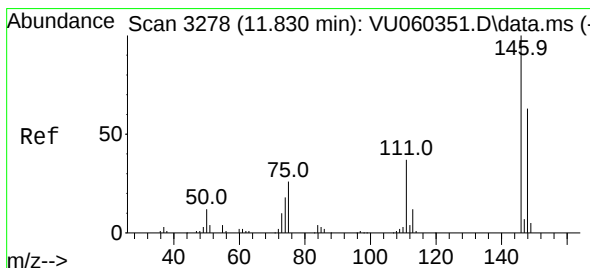
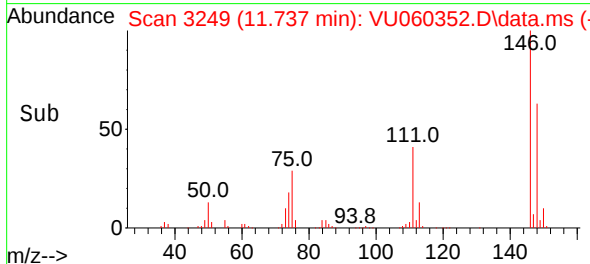
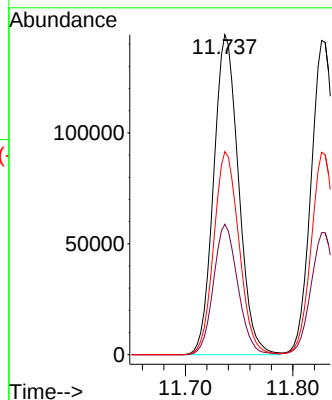
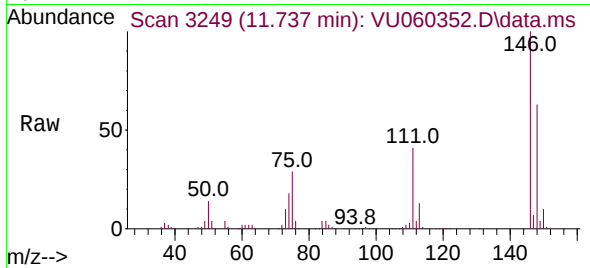




#64
1,3-Dichlorobenzene
Concen: 9.493 ug/L
RT: 11.737 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU060352.D
Acq: 08 Aug 2024 11:56

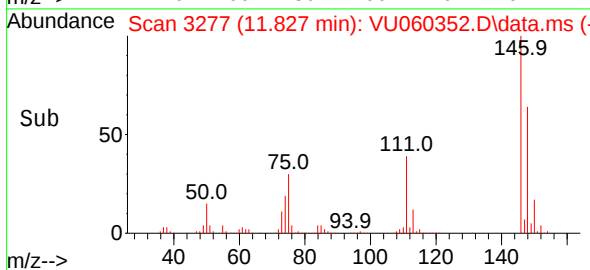
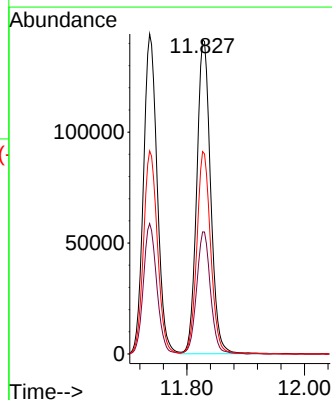
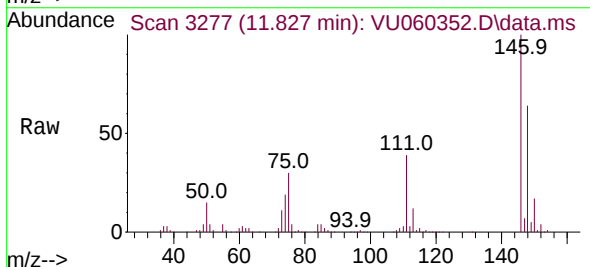
Instrument :
MSVOA_U
ClientSampleId :

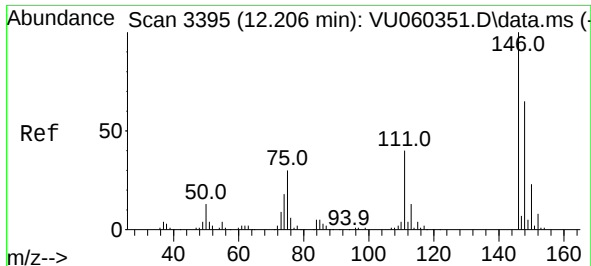
Tgt Ion:146 Resp: 232729
Ion Ratio Lower Upper
146 100
111 40.7 29.2 54.2
148 63.4 44.9 83.3



#65
1,4-Dichlorobenzene
Concen: 9.224 ug/L
RT: 11.827 min Scan# 3277
Delta R.T. -0.003 min
Lab File: VU060352.D
Acq: 08 Aug 2024 11:56

Tgt Ion:146 Resp: 231856
Ion Ratio Lower Upper
146 100
111 38.8 25.8 48.0
148 64.4 44.0 81.6





#67

1,2-Dichlorobenzene

Concen: 9.309 ug/L

RT: 12.203 min Scan# 3395

Delta R.T. -0.003 min

Lab File: VU060352.D

Acq: 08 Aug 2024 11:56

Instrument :

MSVOA_U

ClientSampleId :

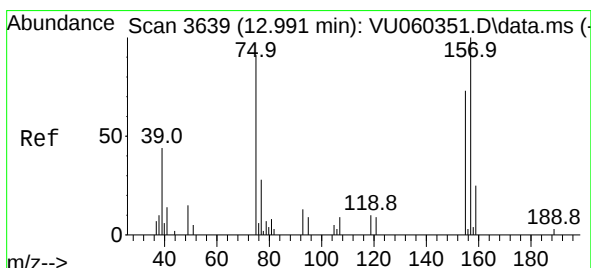
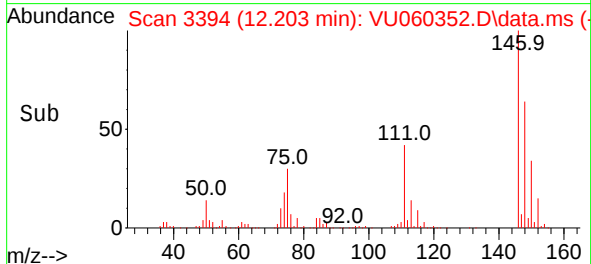
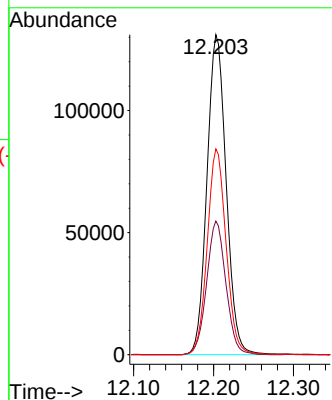
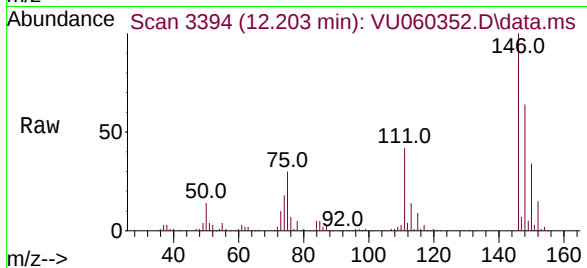
Tgt Ion:146 Resp: 218876

Ion Ratio Lower Upper

146 100

111 41.8 32.0 48.0

148 64.3 51.8 77.8



#68

1,2-Dibromo-3-chloropropane

Concen: 9.233 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. -0.003 min

Lab File: VU060352.D

Acq: 08 Aug 2024 11:56

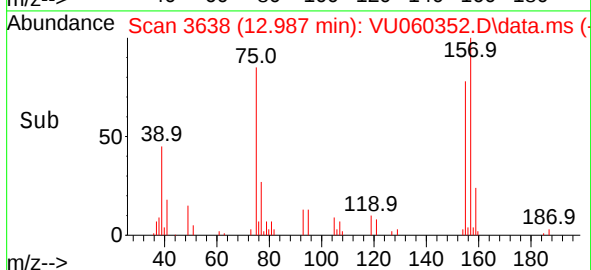
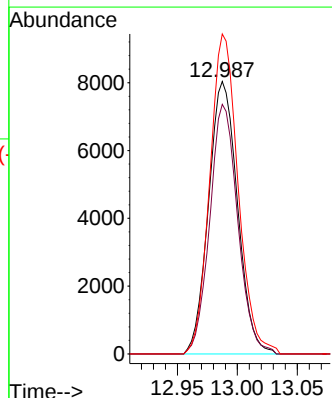
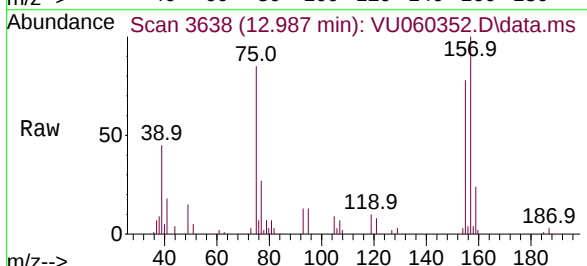
Tgt Ion: 75 Resp: 13489

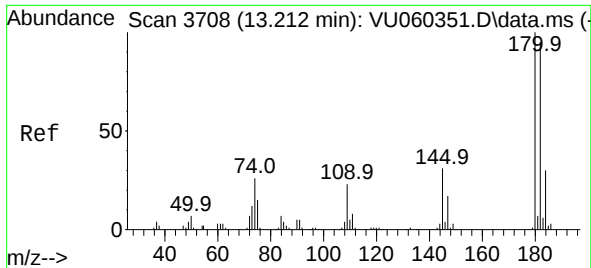
Ion Ratio Lower Upper

75 100

155 91.6 64.3 96.5

157 117.4 88.0 132.0





#69

1,3,5-Trichlorobenzene

Concen: 9.508 ug/L

RT: 13.209 min Scan# 31

Delta R.T. -0.003 min

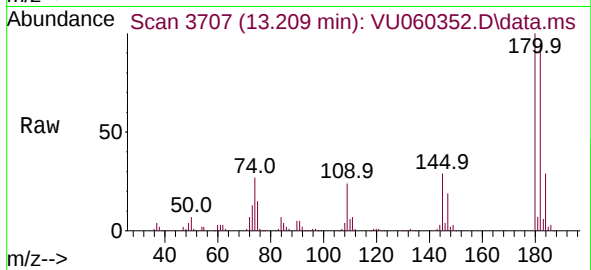
Lab File: VU060352.D

Acq: 08 Aug 2024 11:56

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 175803

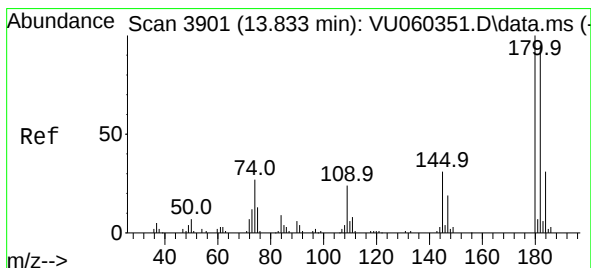
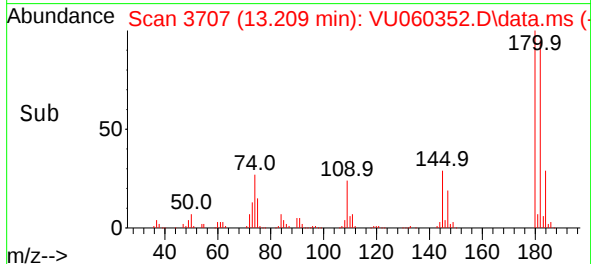
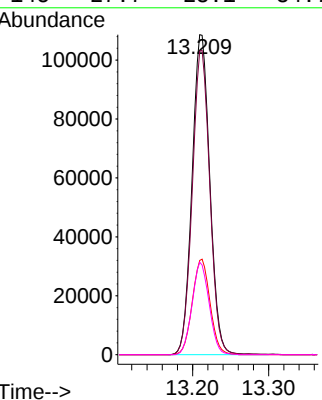
Ion Ratio Lower Upper

180 100

182 93.9 76.0 114.0

184 29.8 23.8 35.8

145 27.7 23.1 34.7



#70

1,2,4-trichlorobenzene

Concen: 9.982 ug/L

RT: 13.830 min Scan# 3900

Delta R.T. -0.003 min

Lab File: VU060352.D

Acq: 08 Aug 2024 11:56

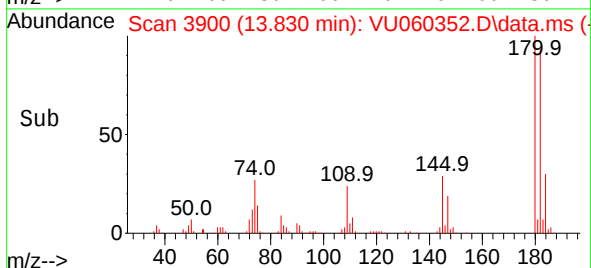
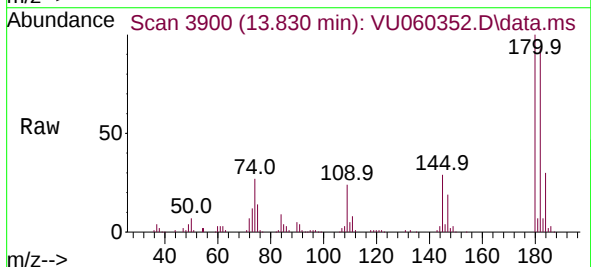
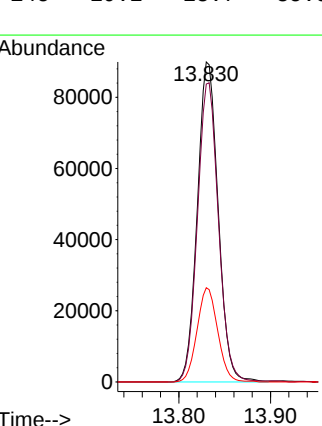
Tgt Ion:180 Resp: 141899

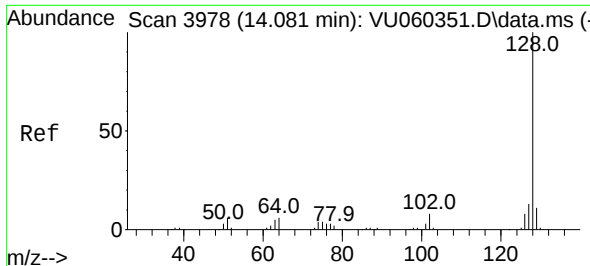
Ion Ratio Lower Upper

180 100

182 94.1 76.0 114.0

145 29.2 23.7 35.5

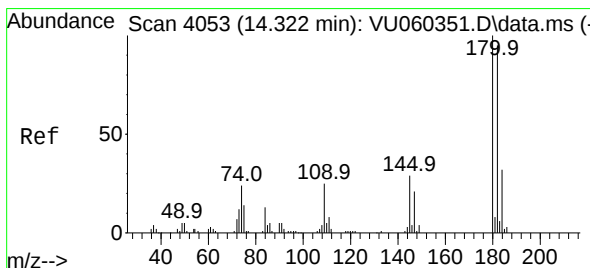
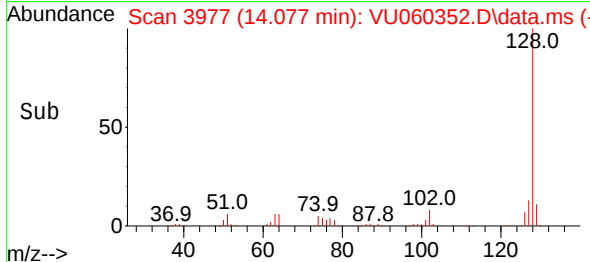
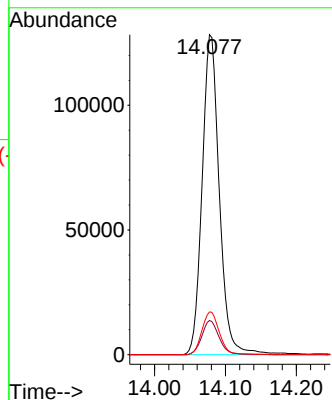
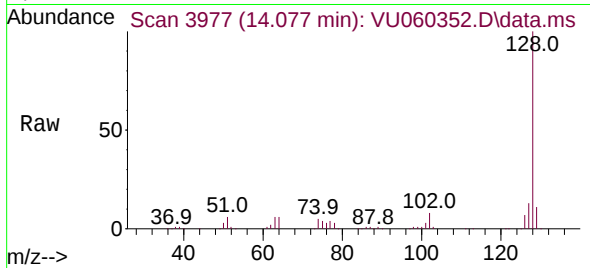




#71
Naphthalene
Concen: 10.590 ug/L
RT: 14.077 min Scan# 3978
Delta R.T. -0.003 min
Lab File: VU060352.D
Acq: 08 Aug 2024 11:56

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 215788
Ion Ratio Lower Upper
128 100
129 10.7 8.6 12.8
127 13.6 10.6 16.0



#72
1,2,3-Trichlorobenzene
Concen: 10.016 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. 0.000 min
Lab File: VU060352.D
Acq: 08 Aug 2024 11:56

Tgt Ion:180 Resp: 127649
Ion Ratio Lower Upper
180 100
182 94.5 75.7 113.5
145 31.6 23.7 35.5

