

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072324\
 Data File : VU060128.D
 Acq On : 23 Jul 2024 21:39
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 24 04:26:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 24 04:18:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	154718	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	163478	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	86623	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	54270	5.041	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.800%
7) Chloroethane-d5	1.907	69	48386	4.838	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.800%
11) 1,1-Dichloroethene-d2	2.560	65	20489	4.875	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.400%
20) 2-Butanone-d5	4.624	46	109183	43.383	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.760%
24) Chloroform-d	5.055	84	105069	4.644	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
26) 1,2-Dichloroethane-d4	5.695	65	48720	4.625	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
32) Benzene-d6	5.721	84	206400	4.712	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
36) 1,2-Dichloropropane-d6	6.682	67	63296	4.535	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.800%
41) Toluene-d8	7.891	98	196358	4.962	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%
43) trans-1,3-Dichloroprop...	8.174	79	21222	4.467	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.400%
46) 2-Hexanone-d5	8.627	63	93149	44.183	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.360%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	56465	4.546	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	70709	4.522	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	46363	3.963	ug/L	100
3) Chloromethane	1.515	50	55908	3.956	ug/L	97
5) Vinyl chloride	1.599	62	67451	4.258	ug/L	99
6) Bromomethane	1.853	94	46267	4.486	ug/L	98
8) Chloroethane	1.930	64	44690	4.319	ug/L	98
9) Trichlorofluoromethane	2.133	101	86212	4.316	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	55785	4.279	ug/L	98
12) 1,1-Dichloroethene	2.573	96	51173	4.333	ug/L	96
13) Acetone	2.637	43	75040	45.074	ug/L	95
14) Carbon disulfide	2.788	76	139342	4.052	ug/L	99
15) Methyl Acetate	2.949	43	20123	4.914	ug/L	99
16) Methylene chloride	3.039	84	61619	4.256	ug/L	97
17) Methyl tert-butyl Ether	3.354	73	122082	4.533	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	53286	4.338	ug/L	97
19) 1,1-Dichloroethane	3.859	63	104684	4.488	ug/L	98
21) 2-Butanone	4.705	43	120243	45.626	ug/L	100
22) cis-1,2-Dichloroethene	4.657	96	61843	4.495	ug/L	99
23) Bromochloromethane	4.968	128	31088	4.649	ug/L	95
25) Chloroform	5.078	83	113143	4.411	ug/L	99

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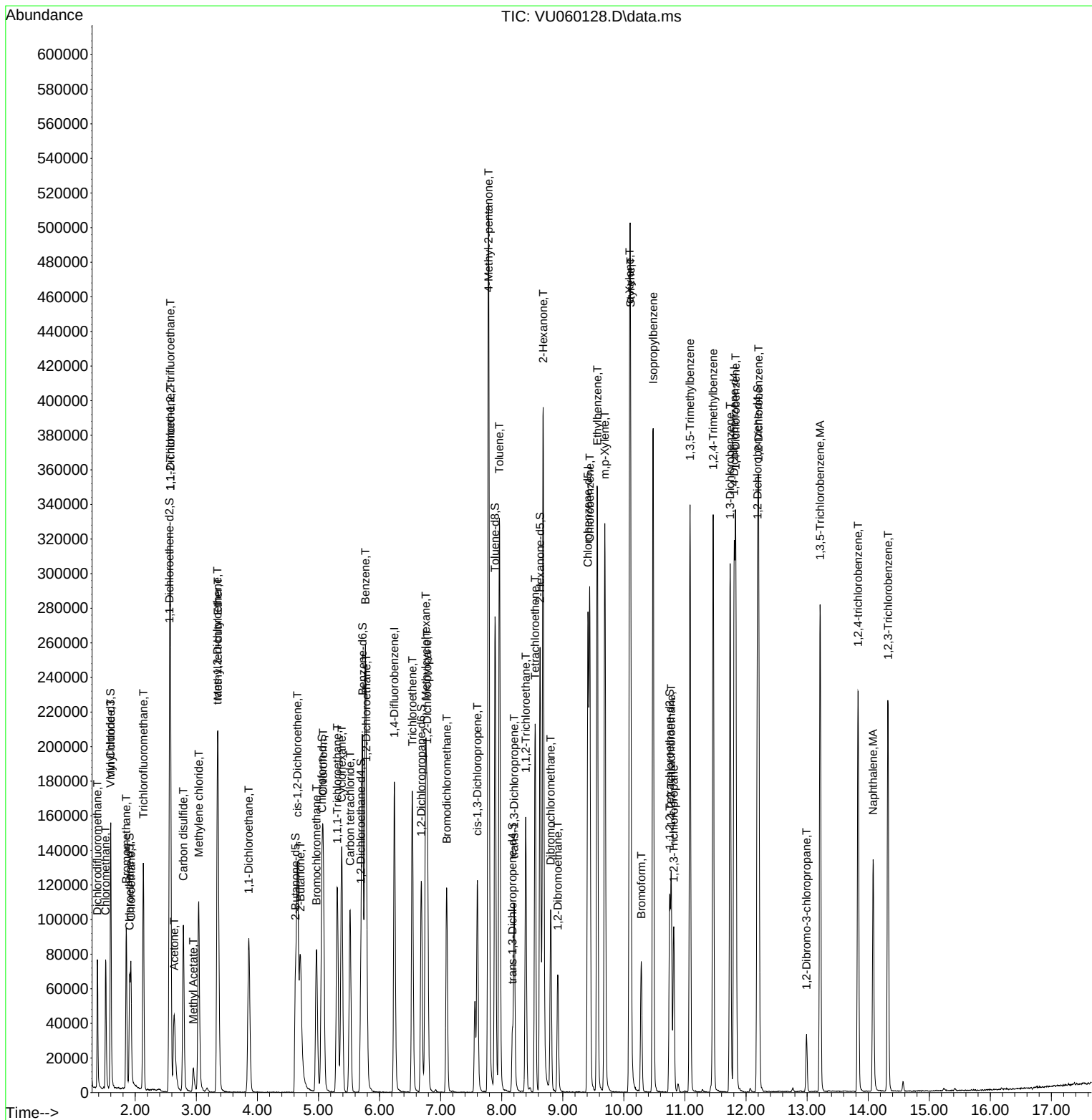
Instrument :
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 ClientSampleId :

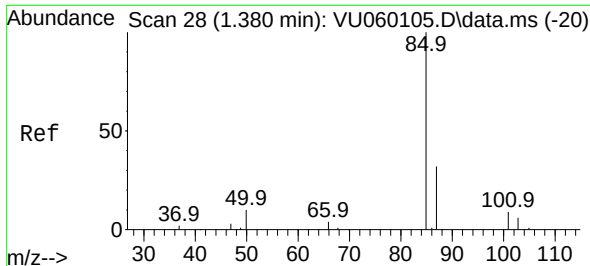
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	64858	4.423	ug/L	98
29) 1,1,1-Trichloroethane	5.309	97	89666	4.391	ug/L	99
30) Cyclohexane	5.380	56	65832	4.076	ug/L	96
31) Carbon tetrachloride	5.518	117	74112	4.207	ug/L	97
33) Benzene	5.766	78	239846	4.441	ug/L	100
34) Trichloroethene	6.538	95	62283	4.348	ug/L	98
35) Methylcyclohexane	6.756	83	74892	3.989	ug/L	99
37) 1,2-Dichloropropane	6.782	63	63436	4.348	ug/L	100
38) Bromodichloromethane	7.100	83	79908	4.372	ug/L	97
39) cis-1,3-Dichloropropene	7.602	75	78153	4.099	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	306199	47.428	ug/L	97
42) Toluene	7.962	91	261708	4.554	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	65567	4.117	ug/L	96
45) 1,1,2-Trichloroethane	8.393	97	52661	4.724	ug/L	98
47) Tetrachloroethene	8.547	164	50920	4.300	ug/L	96
48) 2-Hexanone	8.679	43	234102	49.524	ug/L	100
49) Dibromochloromethane	8.801	129	55749	4.520	ug/L	99
50) 1,2-Dibromoethane	8.917	107	47645	4.727	ug/L	98
51) Chlorobenzene	9.441	112	164897	4.392	ug/L	100
52) Ethylbenzene	9.566	91	251561	4.389	ug/L	99
53) m,p-Xylene	9.689	106	97839	4.419	ug/L	98
54) o-Xylene	10.094	106	96761	4.570	ug/L	97
55) Styrene	10.110	104	171828	4.768	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.775	83	62781	4.603	ug/L	95
59) Bromoform	10.287	173	36848	4.680	ug/L	98
60) Isopropylbenzene	10.480	105	247406	4.366	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	42613	4.666	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	184536	4.263	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	183917	4.397	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	136711	4.484	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	134793	4.343	ug/L	100
67) 1,2-Dichlorobenzene	12.206	146	133600	4.578	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	8550	4.803	ug/L	94
69) 1,3,5-Trichlorobenzene	13.213	180	99260	4.314	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	80018	4.569	ug/L	97
71) Naphthalene	14.081	128	117607	4.740	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	75142	4.771	ug/L	97

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

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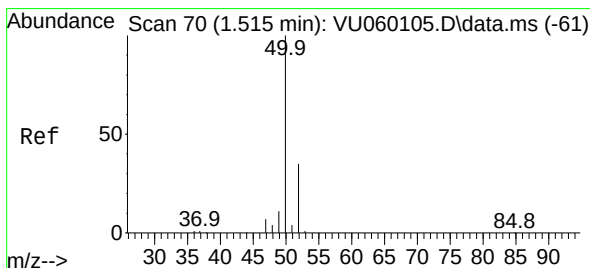
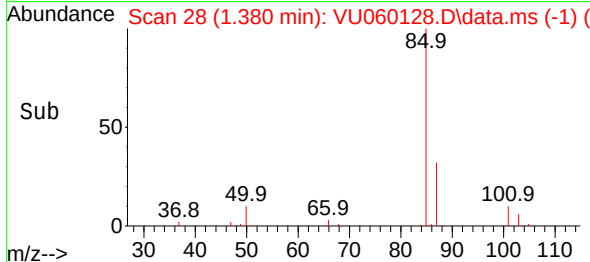
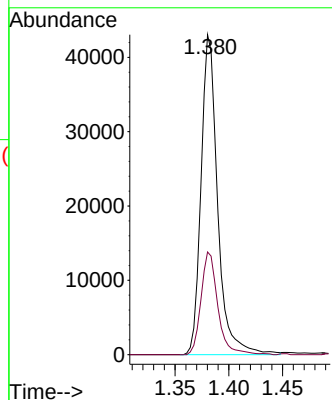
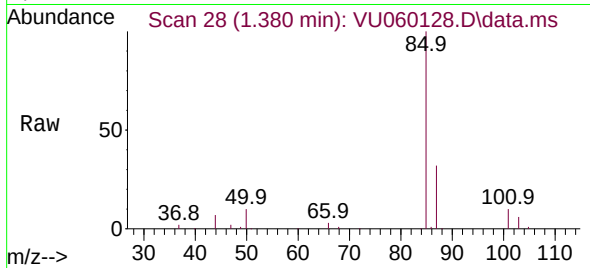




#2
Dichlorodifluoromethane
Concen: 3.963 ug/L
RT: 1.380 min Scan# 20
Delta R.T. 0.000 min
Lab File: VU060128.D
Acq: 23 Jul 2024 21:39

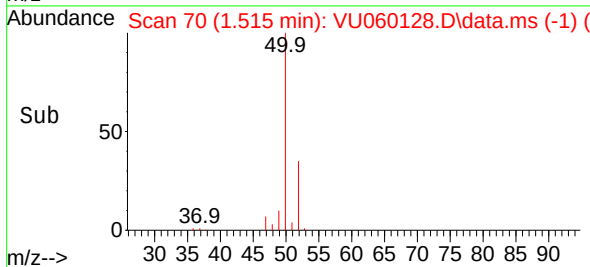
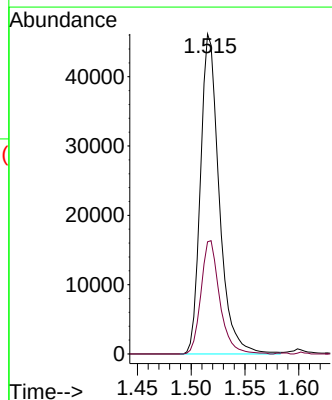
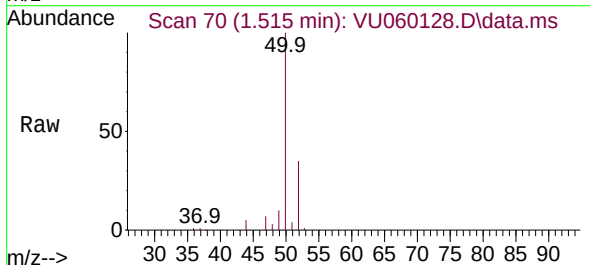
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MSVOA_U
ClientSampleId :

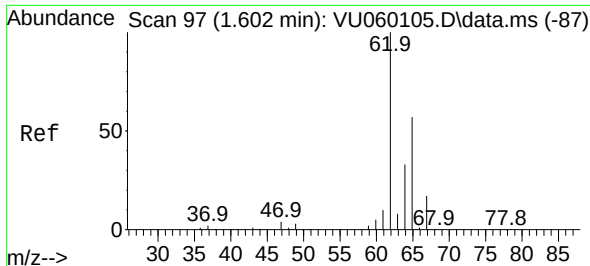
Tgt Ion: 85 Resp: 46363
Ion Ratio Lower Upper
85 100
87 32.5 26.1 39.1



#3
Chloromethane
Concen: 3.956 ug/L
RT: 1.515 min Scan# 70
Delta R.T. 0.000 min
Lab File: VU060128.D
Acq: 23 Jul 2024 21:39

Tgt Ion: 50 Resp: 55908
Ion Ratio Lower Upper
50 100
52 35.1 23.4 43.4

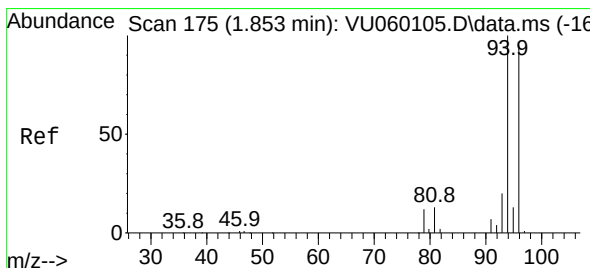
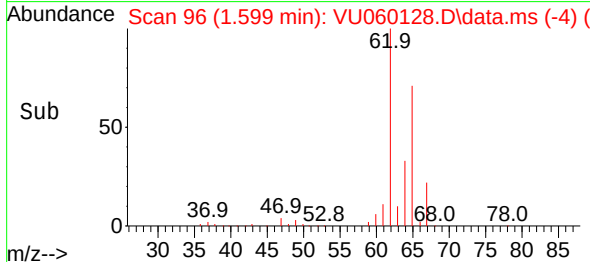
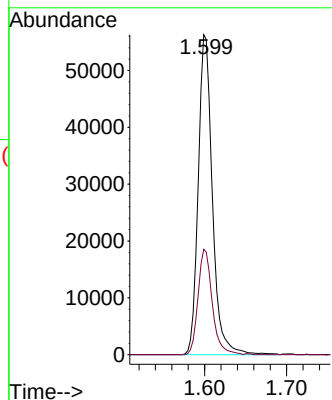
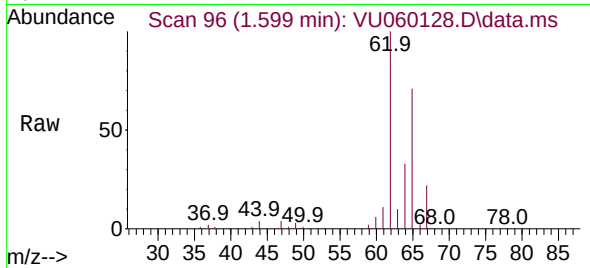




#5
 Vinyl chloride
 Concen: 4.258 ug/L
 RT: 1.599 min Scan# 90
 Delta R.T. -0.003 min
 Lab File: VU060128.D
 Acq: 23 Jul 2024 21:39

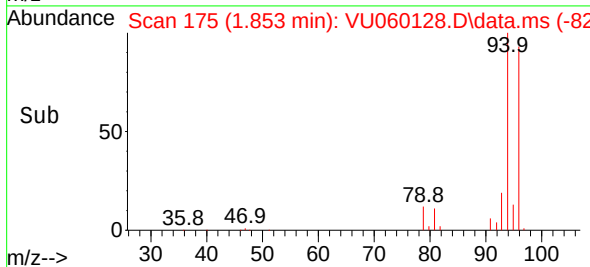
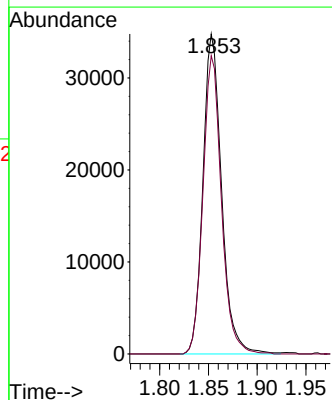
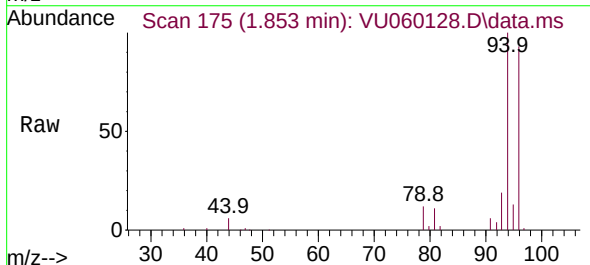
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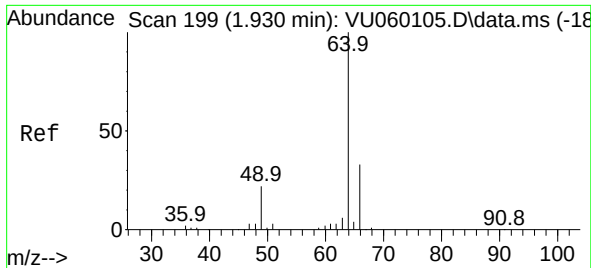
Tgt Ion: 62 Resp: 67451
 Ion Ratio Lower Upper
 62 100
 64 32.9 22.8 42.4



#6
 Bromomethane
 Concen: 4.486 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. 0.000 min
 Lab File: VU060128.D
 Acq: 23 Jul 2024 21:39

Tgt Ion: 94 Resp: 46267
 Ion Ratio Lower Upper
 94 100
 96 93.2 66.6 123.6

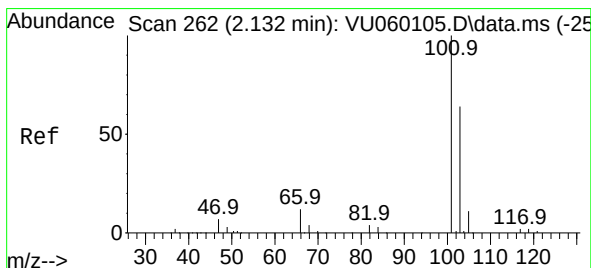
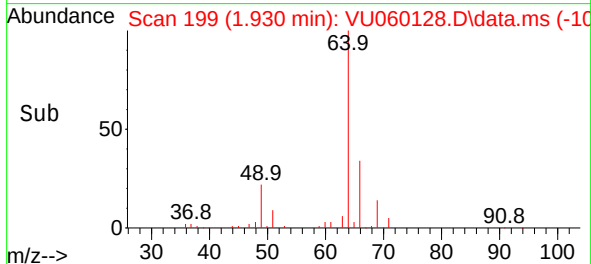
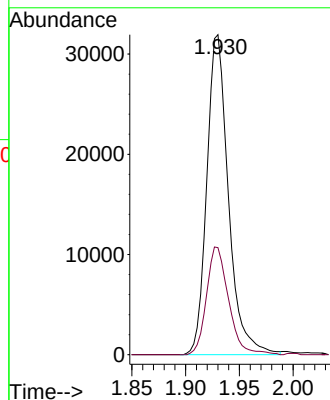
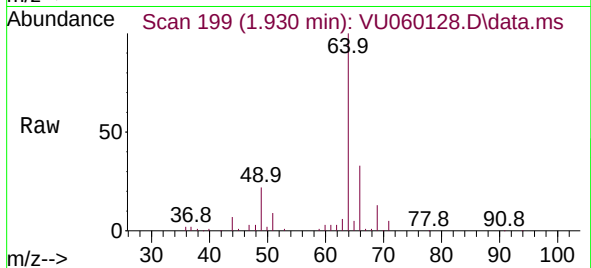




#8
Chloroethane
Concen: 4.319 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU060128.D
Acq: 23 Jul 2024 21:39

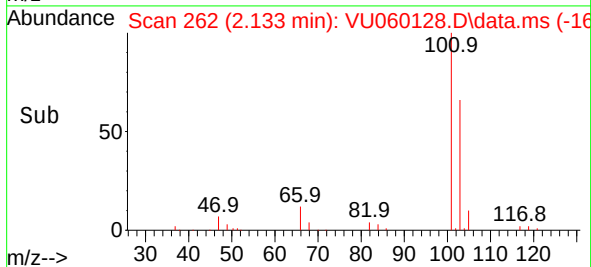
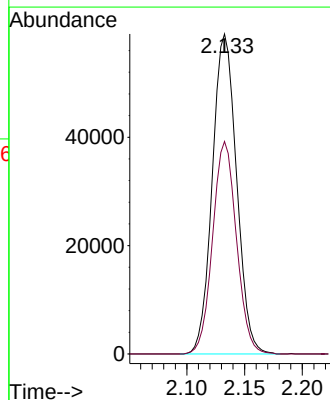
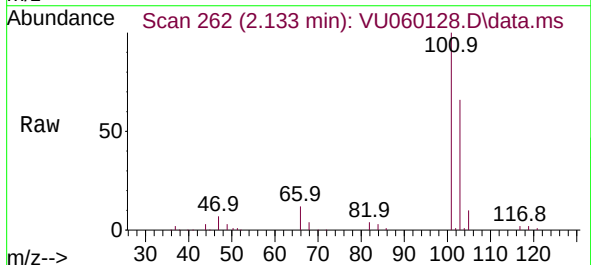
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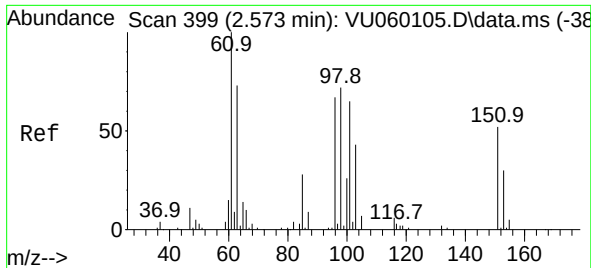
Tgt Ion: 64 Resp: 44690
Ion Ratio Lower Upper
64 100
66 33.5 22.8 42.4



#9
Trichlorofluoromethane
Concen: 4.316 ug/L
RT: 2.133 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU060128.D
Acq: 23 Jul 2024 21:39

Tgt Ion:101 Resp: 86212
Ion Ratio Lower Upper
101 100
103 65.2 51.4 77.2

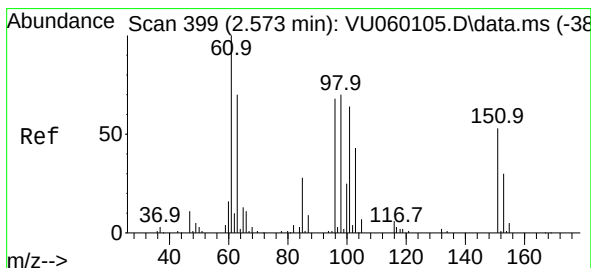
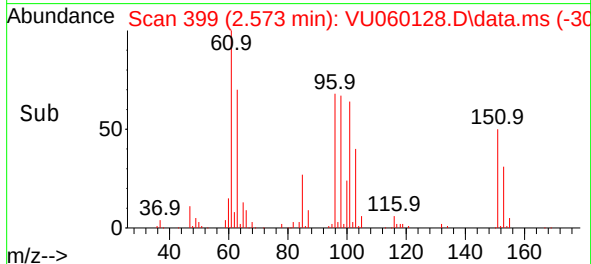
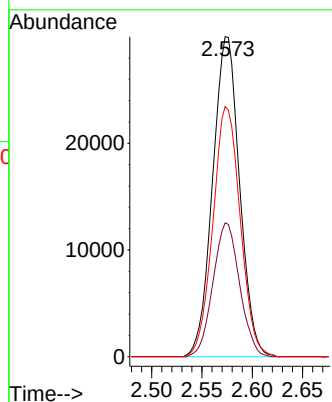
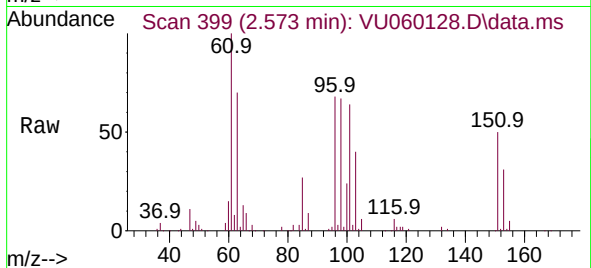




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.279 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU060128.D
 Acq: 23 Jul 2024 21:39

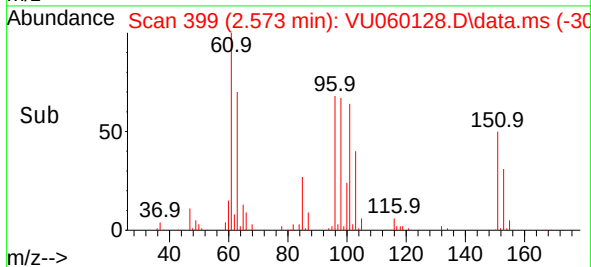
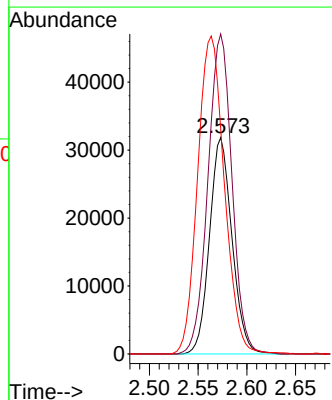
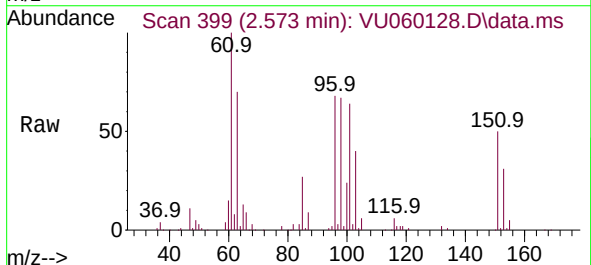
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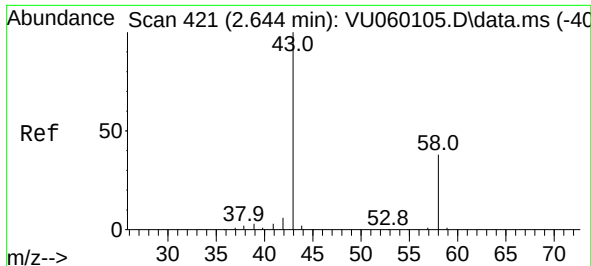
Tgt Ion:101 Resp: 55785
 Ion Ratio Lower Upper
 101 100
 85 41.4 33.2 49.8
 151 79.3 61.8 92.8



#12
 1,1-Dichloroethene
 Concen: 4.333 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU060128.D
 Acq: 23 Jul 2024 21:39

Tgt Ion: 96 Resp: 51173
 Ion Ratio Lower Upper
 96 100
 61 147.9 107.0 198.6
 63 104.2 76.4 142.0





#13

Acetone

Concen: 45.074 ug/L

RT: 2.637 min Scan# 419

Delta R.T. -0.006 min

Lab File: VU060128.D

Acq: 23 Jul 2024 21:39

Instrument :

MSVOA_U

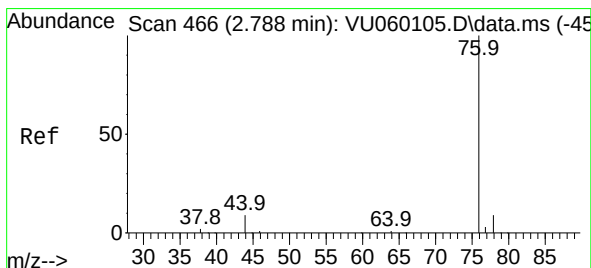
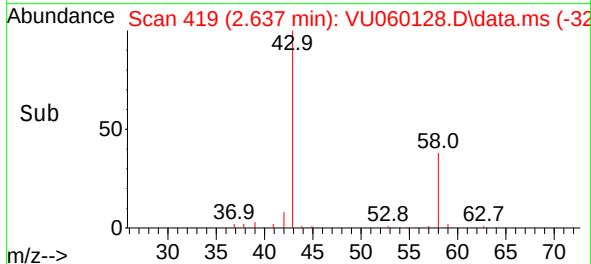
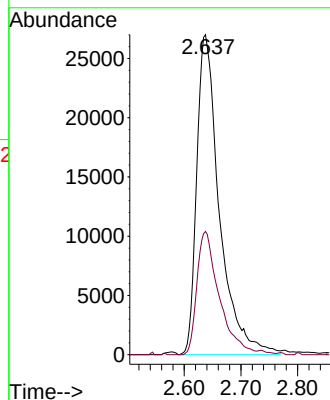
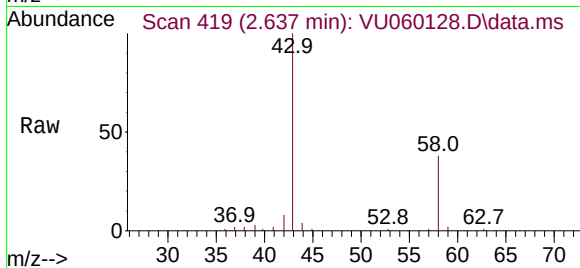
ClientSampleId :

Tgt Ion: 43 Resp: 75040

Ion Ratio Lower Upper

43 100

58 37.7 0.0 82.2



#14

Carbon disulfide

Concen: 4.052 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU060128.D

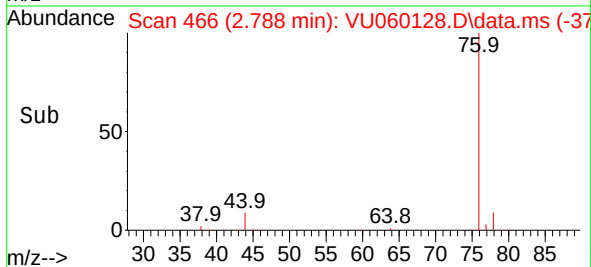
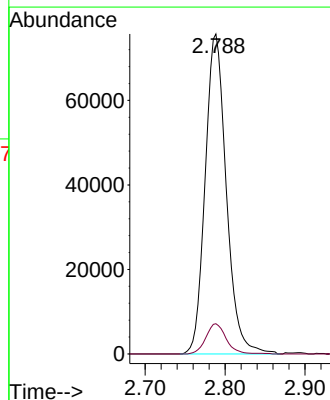
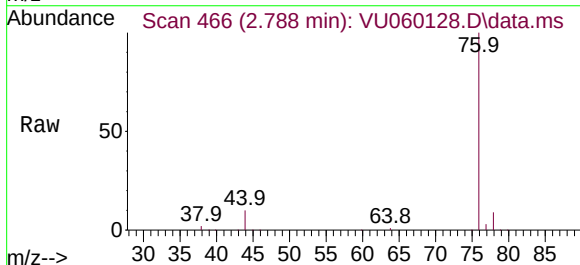
Acq: 23 Jul 2024 21:39

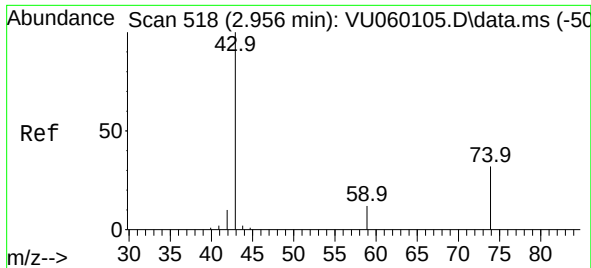
Tgt Ion: 76 Resp: 139342

Ion Ratio Lower Upper

76 100

78 9.5 7.4 11.0





#15

Methyl Acetate

Concen: 4.914 ug/L

RT: 2.949 min Scan# 518

Delta R.T. -0.006 min

Lab File: VU060128.D

Acq: 23 Jul 2024 21:39

Instrument :

MSVOA_U

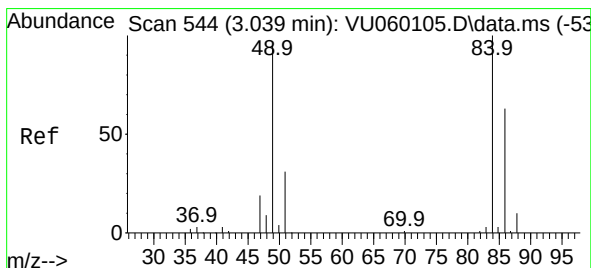
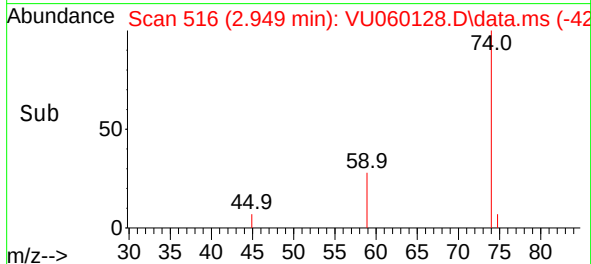
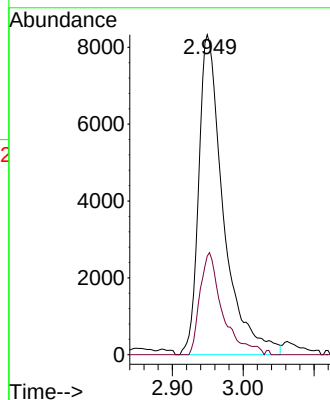
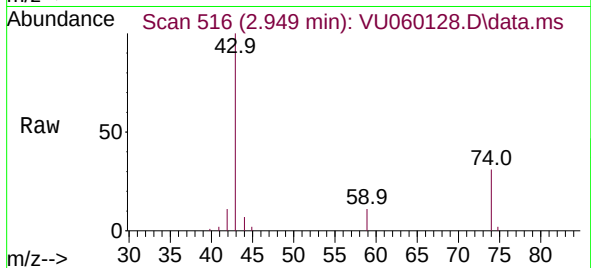
ClientSampleId :

Tgt Ion: 43 Resp: 20123

Ion Ratio Lower Upper

43 100

74 29.1 23.5 35.3



#16

Methylene chloride

Concen: 4.256 ug/L

RT: 3.039 min Scan# 544

Delta R.T. 0.000 min

Lab File: VU060128.D

Acq: 23 Jul 2024 21:39

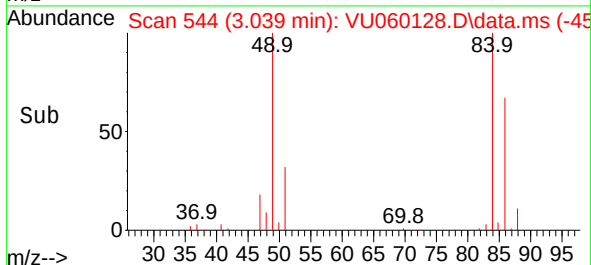
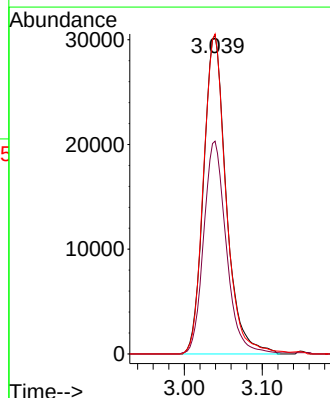
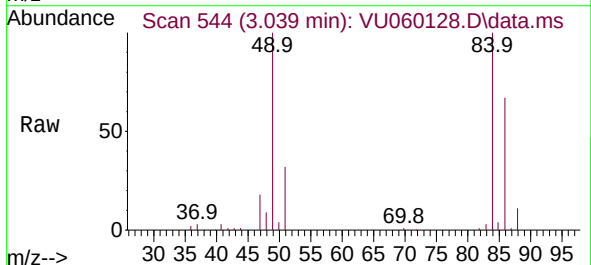
Tgt Ion: 84 Resp: 61619

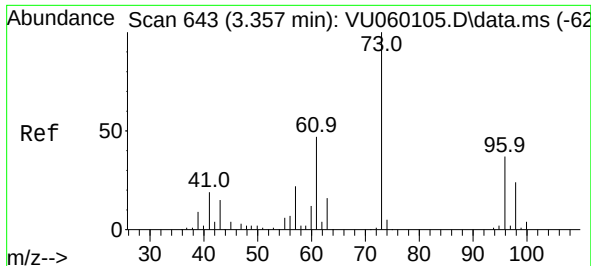
Ion Ratio Lower Upper

84 100

86 66.8 44.4 82.5

49 100.4 72.0 133.6





#17

Methyl tert-butyl Ether

Concen: 4.533 ug/L

RT: 3.354 min Scan# 643

Delta R.T. -0.003 min

Lab File: VU060128.D

Acq: 23 Jul 2024 21:39

Instrument :

MSVOA_U

ClientSampleId :

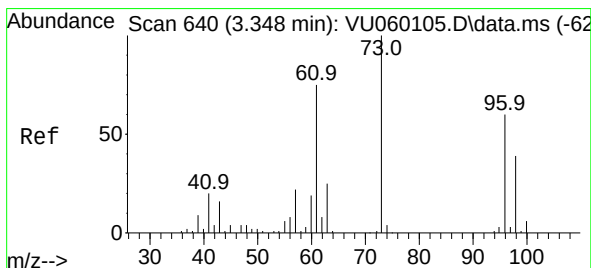
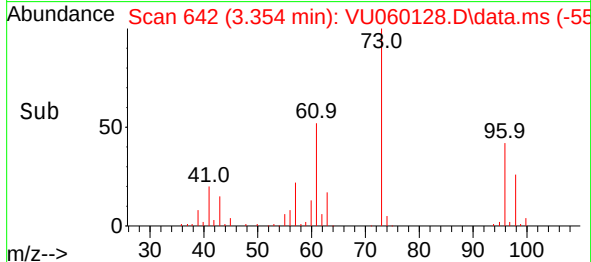
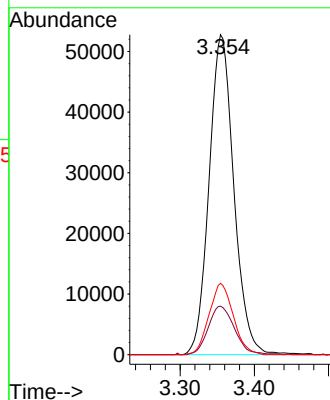
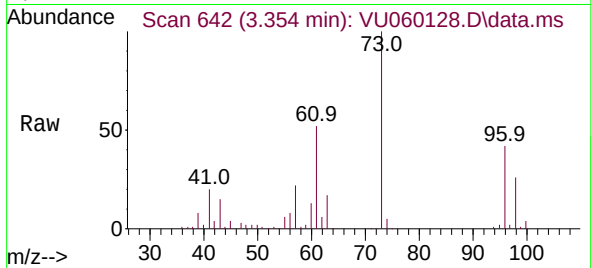
Tgt Ion: 73 Resp: 122082

Ion Ratio Lower Upper

73 100

43 16.0 13.1 19.7

57 21.9 17.0 25.4



#18

trans-1,2-Dichloroethene

Concen: 4.338 ug/L

RT: 3.345 min Scan# 639

Delta R.T. -0.003 min

Lab File: VU060128.D

Acq: 23 Jul 2024 21:39

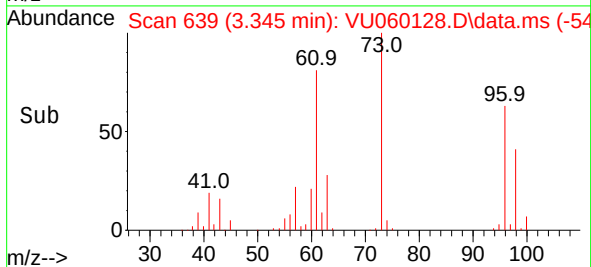
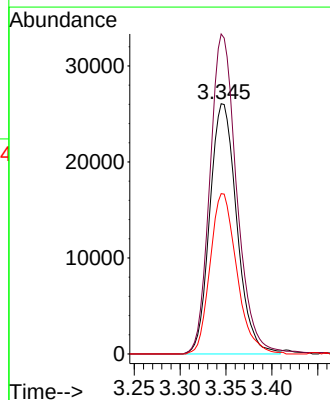
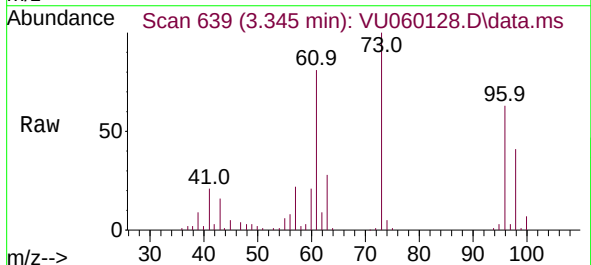
Tgt Ion: 96 Resp: 53286

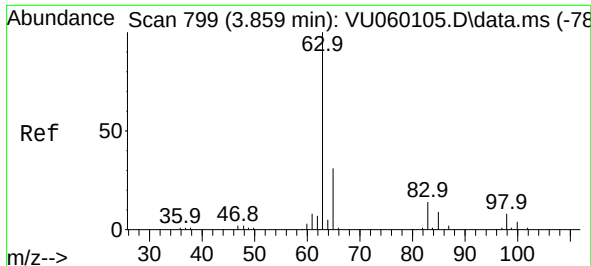
Ion Ratio Lower Upper

96 100

61 127.9 91.6 170.0

98 64.1 47.7 88.5

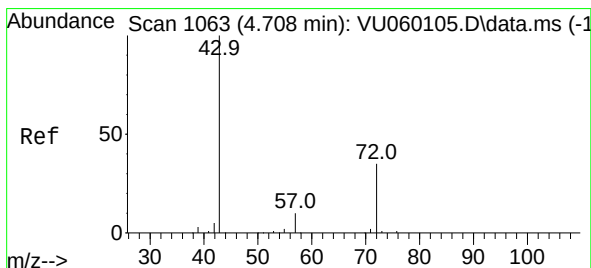
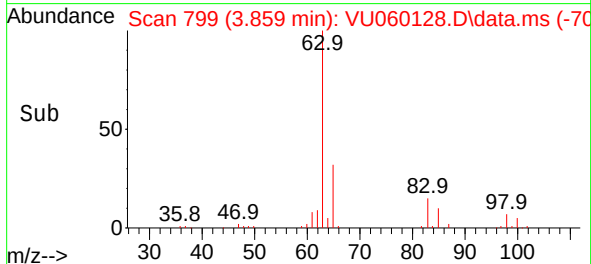
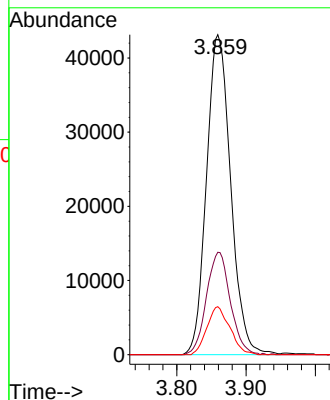
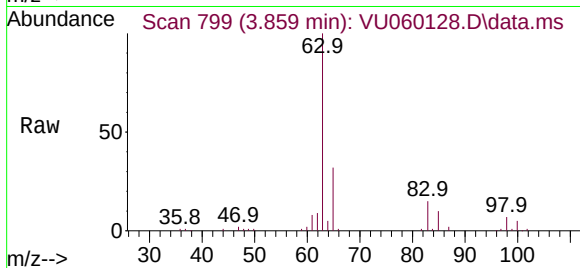




#19
1,1-Dichloroethane
Concen: 4.488 ug/L
RT: 3.859 min Scan# 799
Delta R.T. 0.000 min
Lab File: VU060128.D
Acq: 23 Jul 2024 21:39

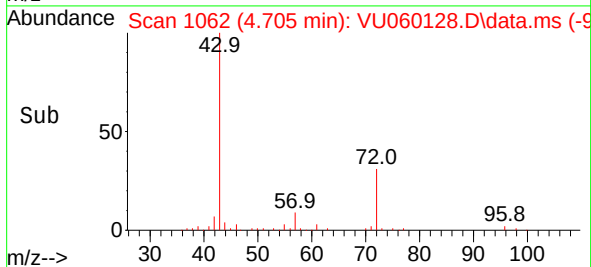
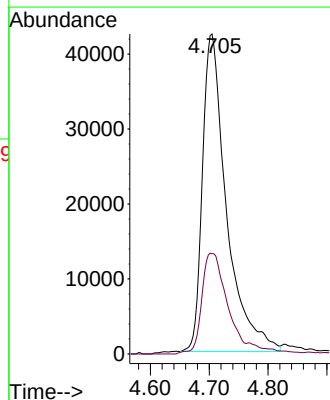
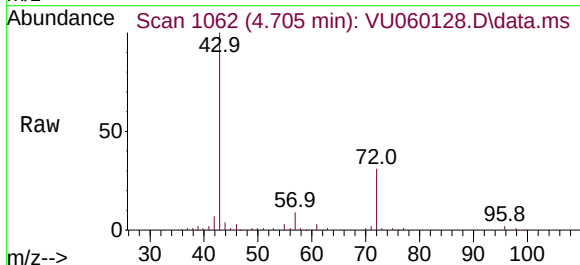
Instrument :
MSVOA_U
ClientSampleId :

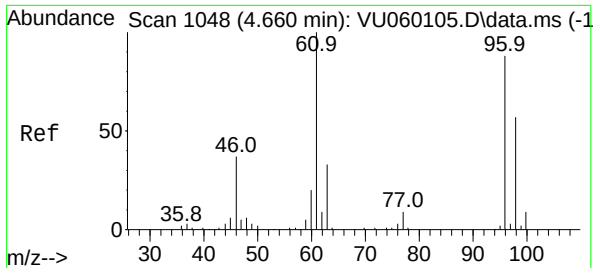
Tgt Ion: 63 Resp: 104684
Ion Ratio Lower Upper
63 100
65 32.0 22.0 40.8
83 15.0 9.7 17.9



#21
2-Butanone
Concen: 45.626 ug/L
RT: 4.705 min Scan# 1062
Delta R.T. -0.003 min
Lab File: VU060128.D
Acq: 23 Jul 2024 21:39

Tgt Ion: 43 Resp: 120243
Ion Ratio Lower Upper
43 100
72 32.7 16.3 48.9





#22

cis-1,2-Dichloroethene

Concen: 4.495 ug/L

RT: 4.657 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU060128.D

Acq: 23 Jul 2024 21:39

Instrument :

MSVOA_U

ClientSampleId :

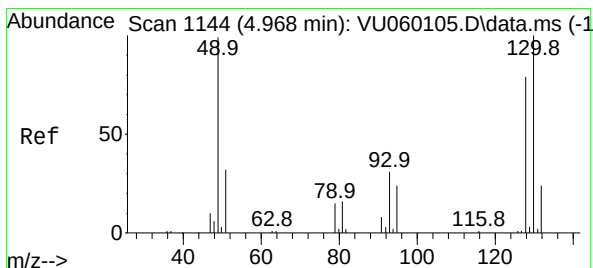
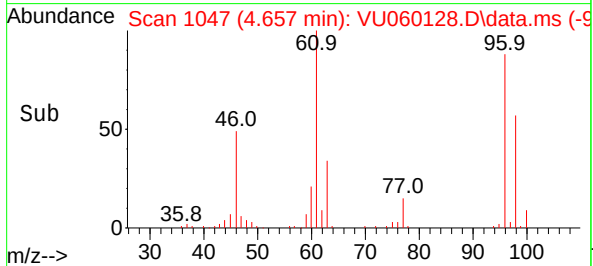
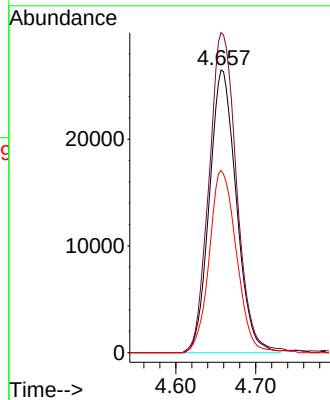
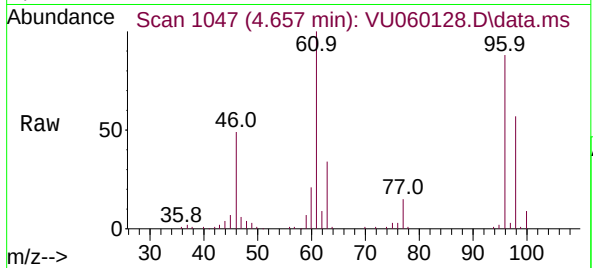
Tgt Ion: 96 Resp: 61843

Ion Ratio Lower Upper

96 100

61 113.2 80.2 148.9

98 64.4 44.7 83.1



#23

Bromochloromethane

Concen: 4.649 ug/L

RT: 4.968 min Scan# 1144

Delta R.T. 0.000 min

Lab File: VU060128.D

Acq: 23 Jul 2024 21:39

Tgt Ion:128 Resp: 31088

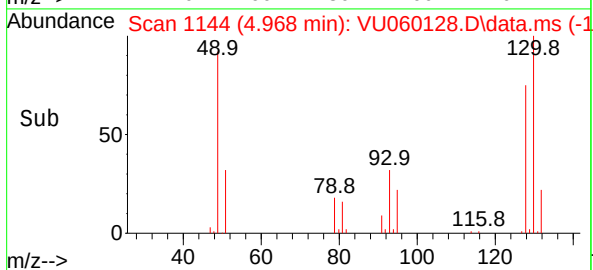
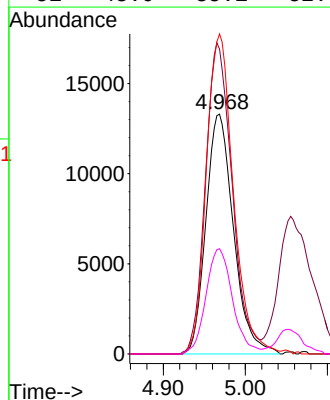
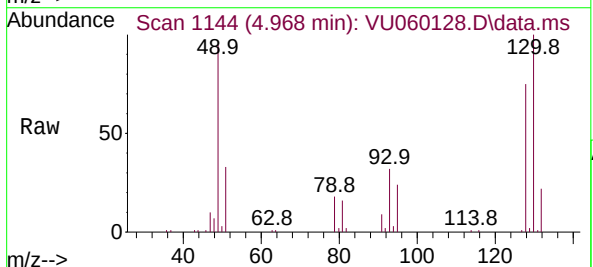
Ion Ratio Lower Upper

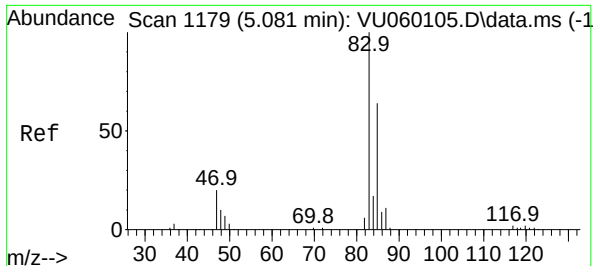
128 100

49 127.1 92.3 171.3

130 133.4 87.1 161.7

51 43.9 35.1 52.7





#25

Chloroform

Concen: 4.411 ug/L

RT: 5.078 min Scan# 1179

Delta R.T. -0.003 min

Lab File: VU060128.D

Acq: 23 Jul 2024 21:39

Instrument :

MSVOA_U

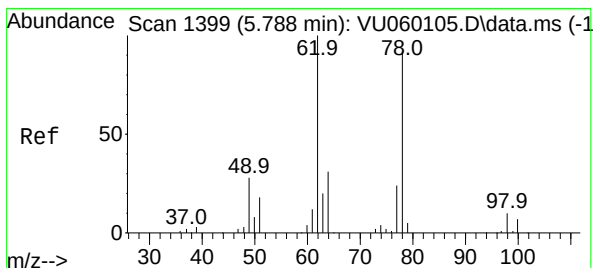
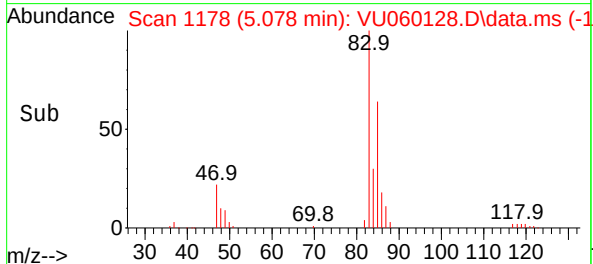
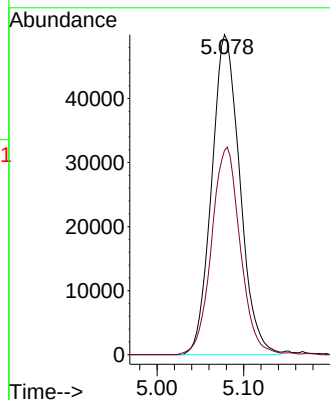
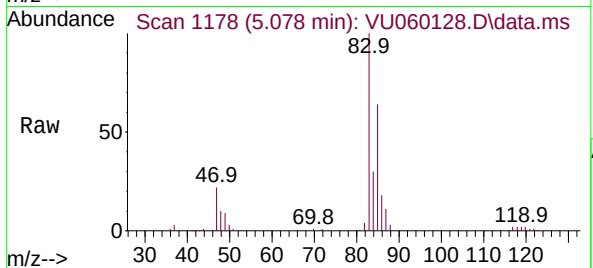
ClientSampleId :

Tgt Ion: 83 Resp: 113143

Ion Ratio Lower Upper

83 100

85 63.9 45.4 84.2



#27

1,2-Dichloroethane

Concen: 4.423 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. -0.003 min

Lab File: VU060128.D

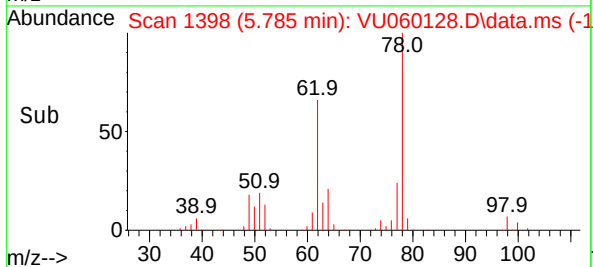
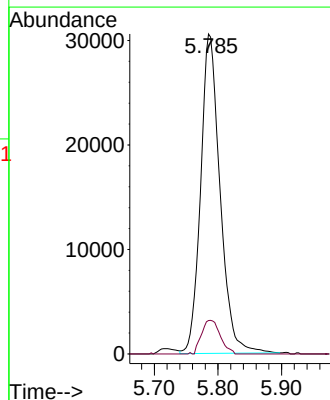
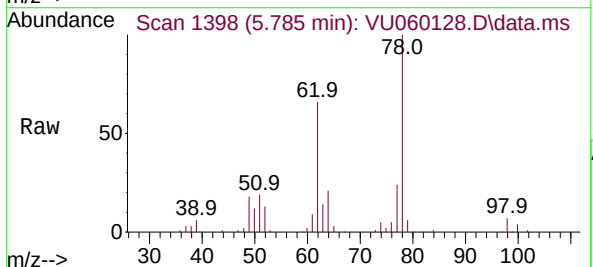
Acq: 23 Jul 2024 21:39

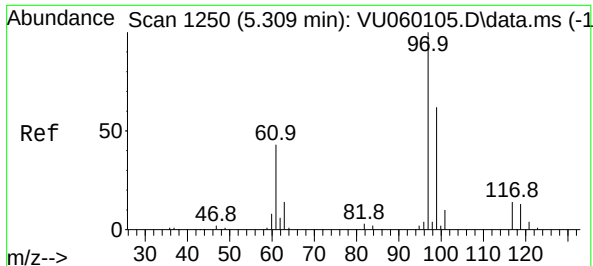
Tgt Ion: 62 Resp: 64858

Ion Ratio Lower Upper

62 100

98 10.5 7.9 11.9

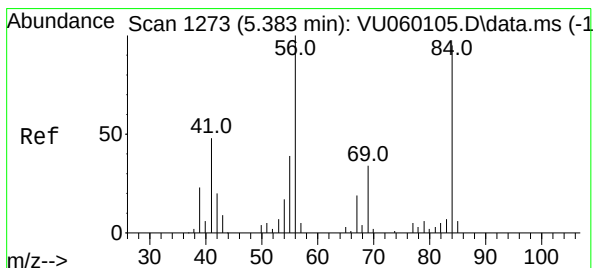
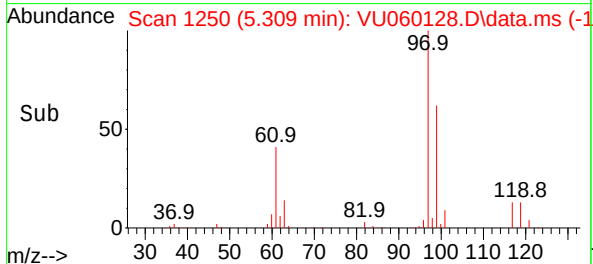
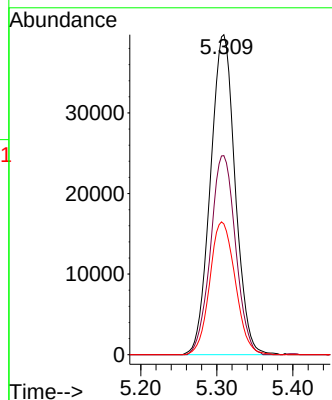
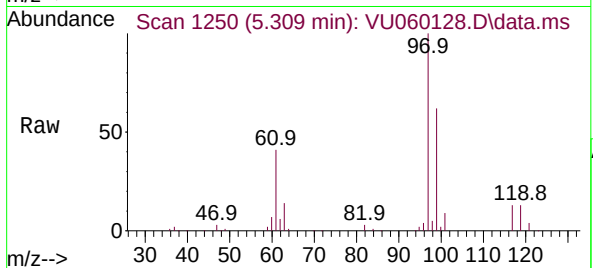




#29
1,1,1-Trichloroethane
Concen: 4.391 ug/L
RT: 5.309 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU060128.D
Acq: 23 Jul 2024 21:39

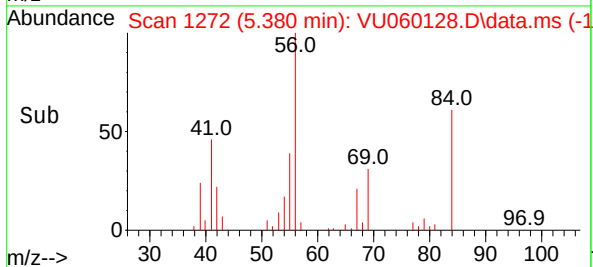
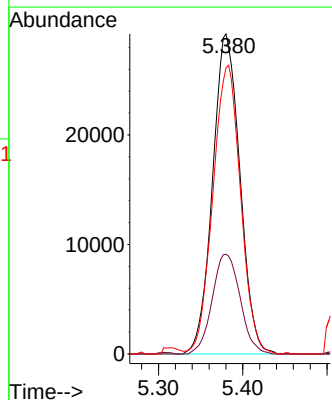
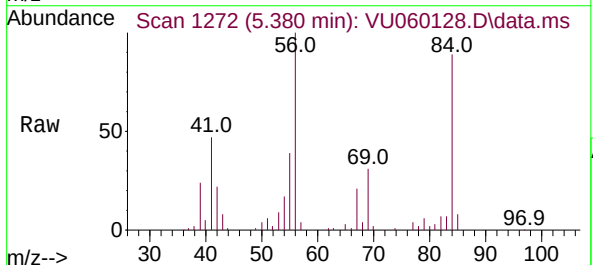
Instrument :
MSVOA_U
ClientSampleId :

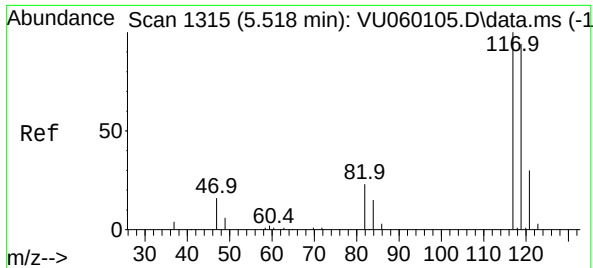
Tgt Ion: 97 Resp: 89666
Ion Ratio Lower Upper
97 100
99 63.1 51.0 76.4
61 42.9 34.1 51.1



#30
Cyclohexane
Concen: 4.076 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. -0.003 min
Lab File: VU060128.D
Acq: 23 Jul 2024 21:39

Tgt Ion: 56 Resp: 65832
Ion Ratio Lower Upper
56 100
69 31.8 26.6 39.8
84 91.5 77.2 115.8

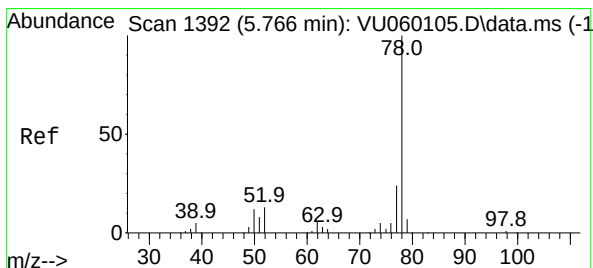
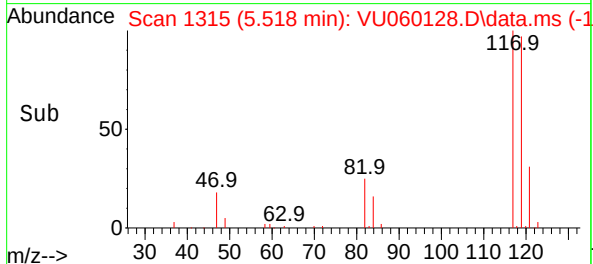
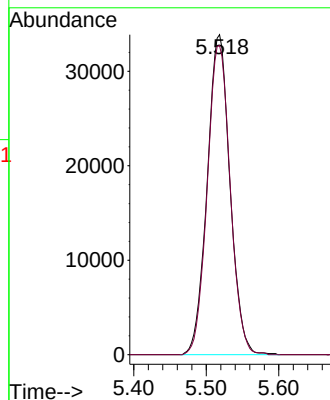
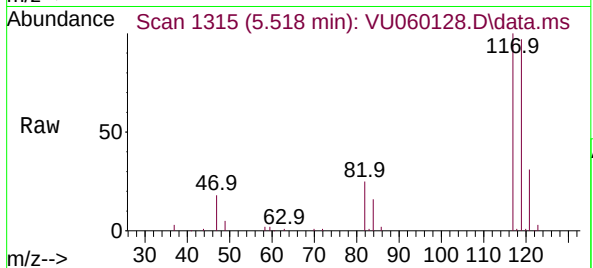




#31
Carbon tetrachloride
Concen: 4.207 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VU060128.D
Acq: 23 Jul 2024 21:39

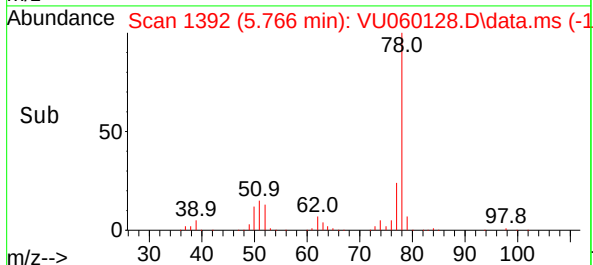
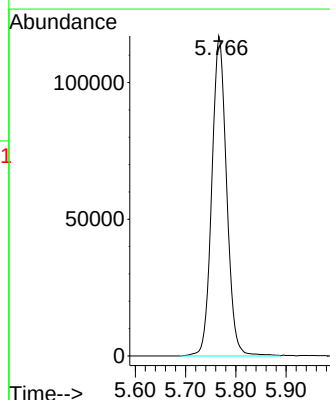
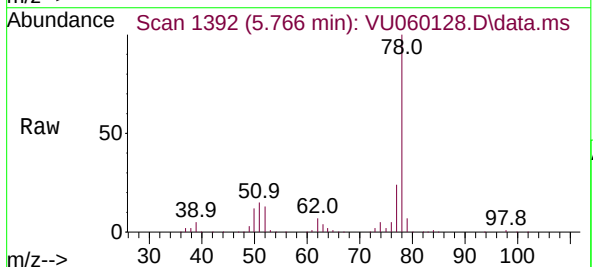
Instrument :
MSVOA_U
ClientSampleId :

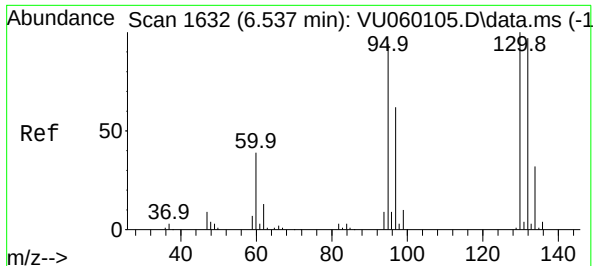
Tgt Ion:117 Resp: 74112
Ion Ratio Lower Upper
117 100
119 97.2 75.6 113.4



#33
Benzene
Concen: 4.441 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU060128.D
Acq: 23 Jul 2024 21:39

Tgt Ion: 78 Resp: 239846





#34

Trichloroethene

Concen: 4.348 ug/L

RT: 6.538 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU060128.D

Acq: 23 Jul 2024 21:39

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 62283

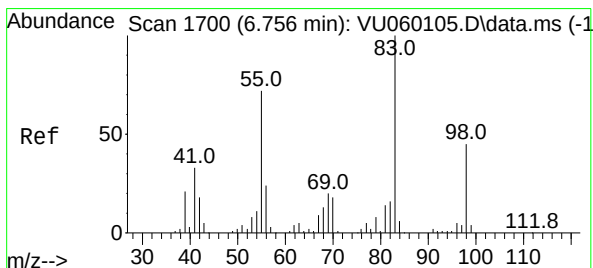
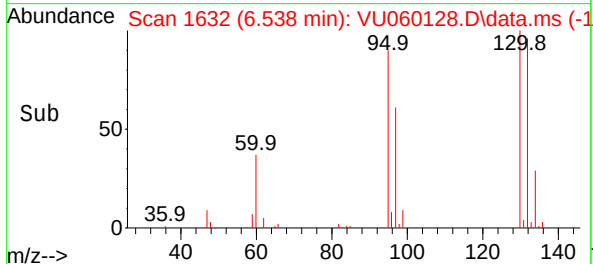
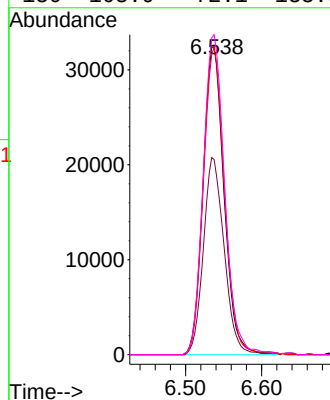
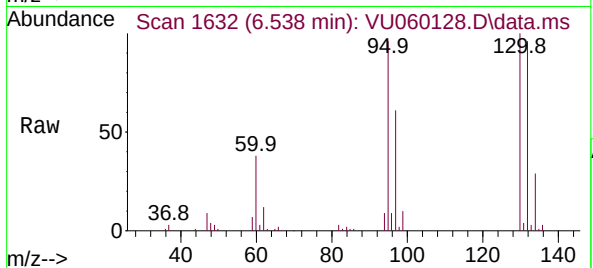
Ion Ratio Lower Upper

95 100

97 63.4 45.9 85.3

132 99.7 71.4 132.6

130 103.9 72.1 133.9



#35

Methylcyclohexane

Concen: 3.989 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VU060128.D

Acq: 23 Jul 2024 21:39

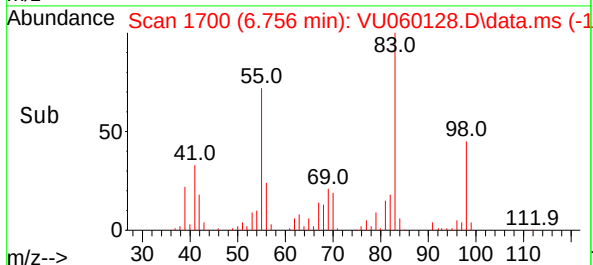
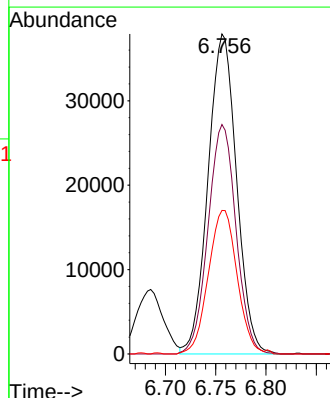
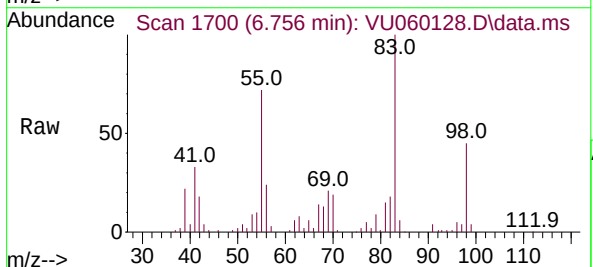
Tgt Ion: 83 Resp: 74892

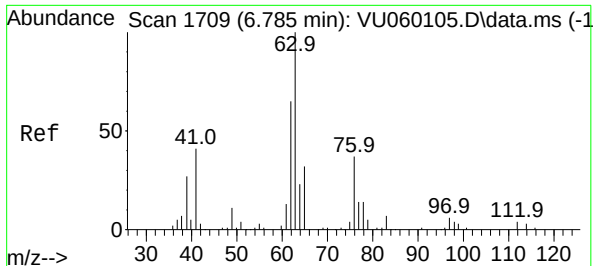
Ion Ratio Lower Upper

83 100

55 70.3 56.7 85.1

98 45.4 36.6 55.0

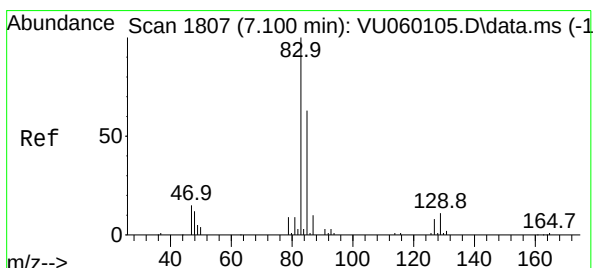
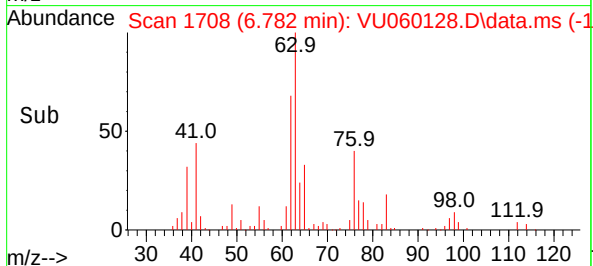
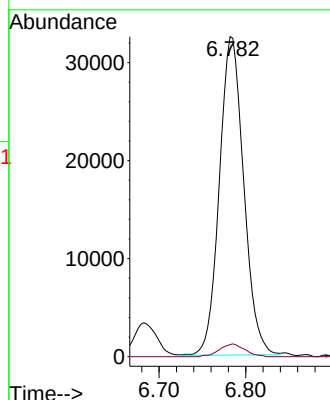
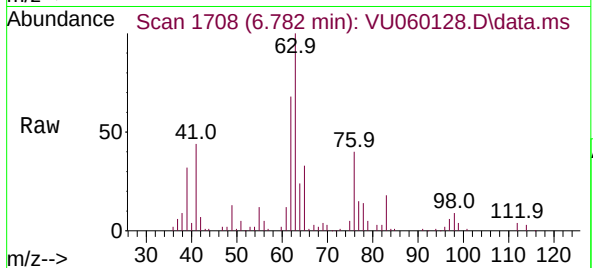




#37
1,2-Dichloropropane
Concen: 4.348 ug/L
RT: 6.782 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU060128.D
Acq: 23 Jul 2024 21:39

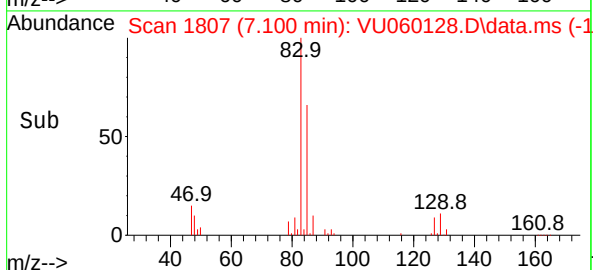
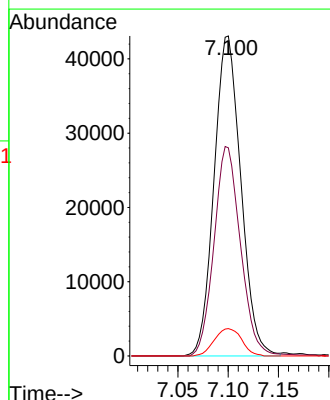
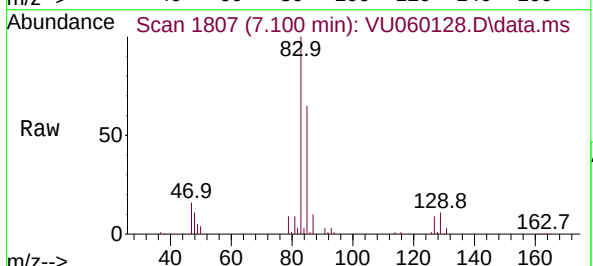
Instrument :
MSVOA_U
ClientSampleId :

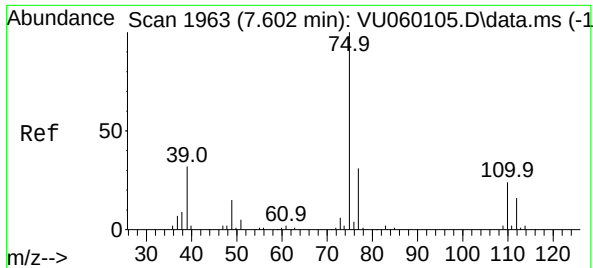
Tgt Ion: 63 Resp: 63436
Ion Ratio Lower Upper
63 100
112 4.2 3.3 4.9



#38
Bromodichloromethane
Concen: 4.372 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VU060128.D
Acq: 23 Jul 2024 21:39

Tgt Ion: 83 Resp: 79908
Ion Ratio Lower Upper
83 100
85 65.0 43.5 80.7
127 8.5 7.1 10.7

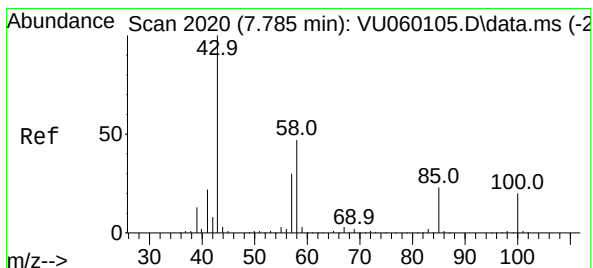
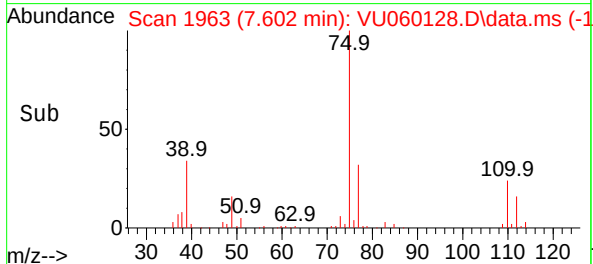
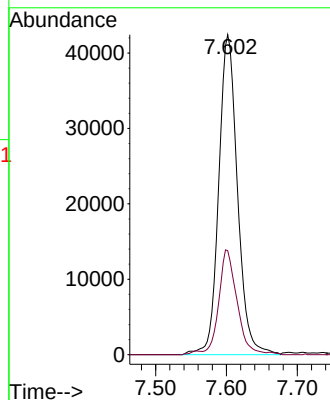
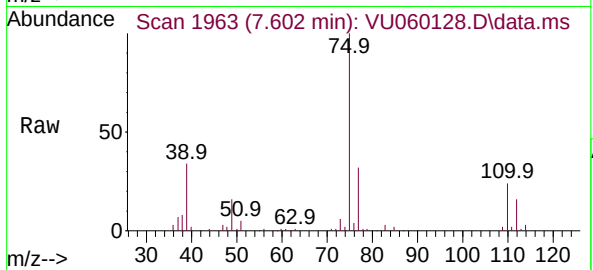




#39
 cis-1,3-Dichloropropene
 Concen: 4.099 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. 0.000 min
 Lab File: VU060128.D
 Acq: 23 Jul 2024 21:39

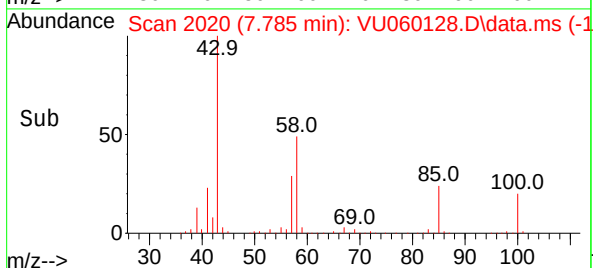
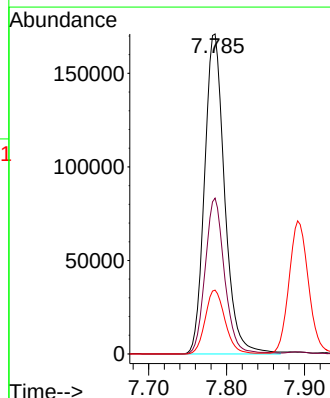
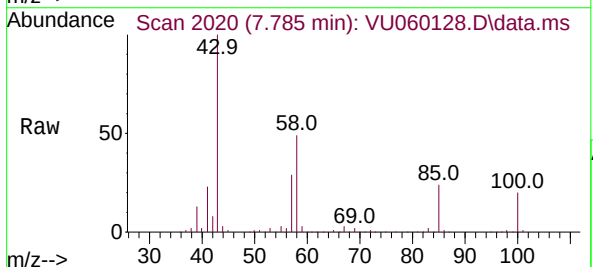
Instrument :
 MSVOA_U
 ClientSampleId :

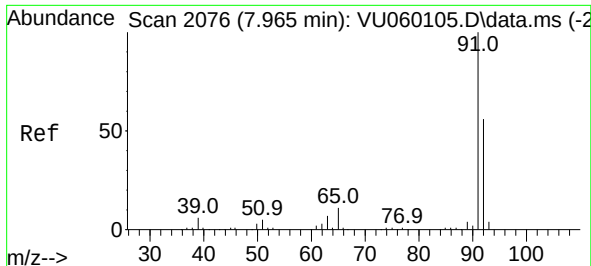
Tgt Ion: 75 Resp: 78153
 Ion Ratio Lower Upper
 75 100
 77 32.5 23.2 43.2



#40
 4-Methyl-2-pentanone
 Concen: 47.428 ug/L
 RT: 7.785 min Scan# 2020
 Delta R.T. 0.000 min
 Lab File: VU060128.D
 Acq: 23 Jul 2024 21:39

Tgt Ion: 43 Resp: 306199
 Ion Ratio Lower Upper
 43 100
 58 47.2 36.0 54.0
 100 19.7 14.9 22.3





#42

Toluene

Concen: 4.554 ug/L

RT: 7.962 min Scan# 2076

Delta R.T. -0.003 min

Lab File: VU060128.D

Acq: 23 Jul 2024 21:39

Instrument :

MSVOA_U

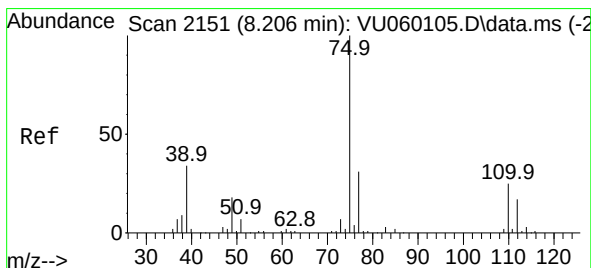
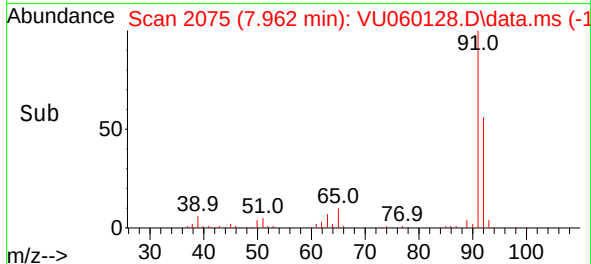
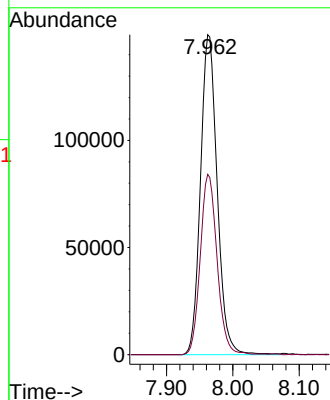
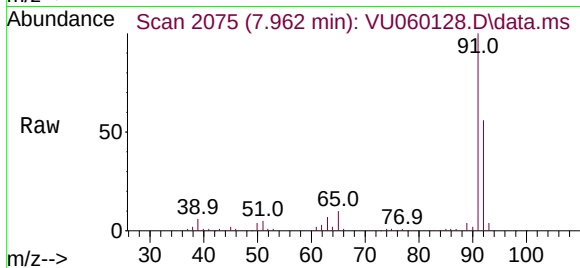
ClientSampleId :

Tgt Ion: 91 Resp: 261708

Ion Ratio Lower Upper

91 100

92 56.3 39.8 73.8



#44

trans-1,3-Dichloropropene

Concen: 4.117 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.003 min

Lab File: VU060128.D

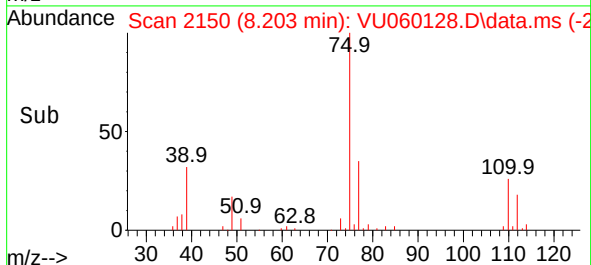
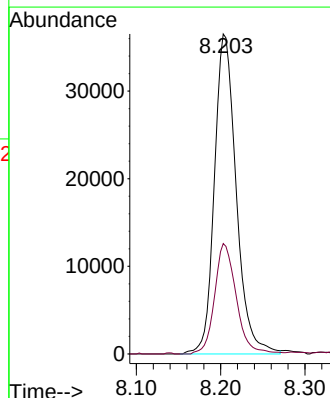
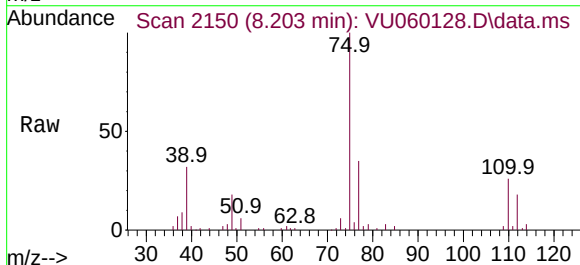
Acq: 23 Jul 2024 21:39

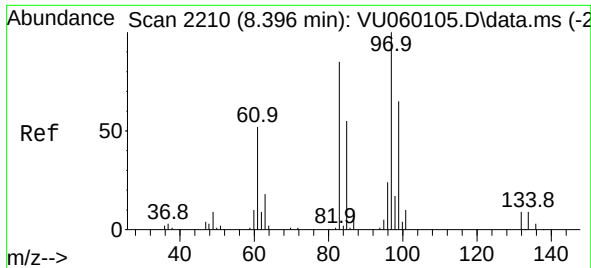
Tgt Ion: 75 Resp: 65567

Ion Ratio Lower Upper

75 100

77 34.5 22.6 42.0

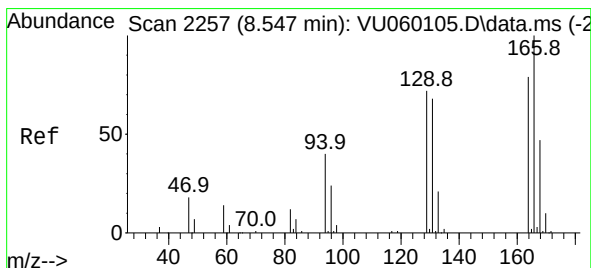
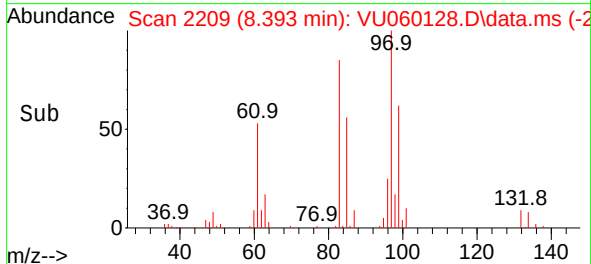
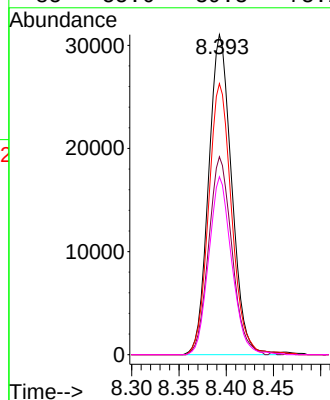
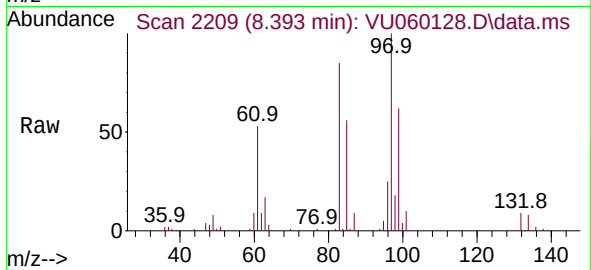




#45
1,1,2-Trichloroethane
Concen: 4.724 ug/L
RT: 8.393 min Scan# 2210
Delta R.T. -0.003 min
Lab File: VU060128.D
Acq: 23 Jul 2024 21:39

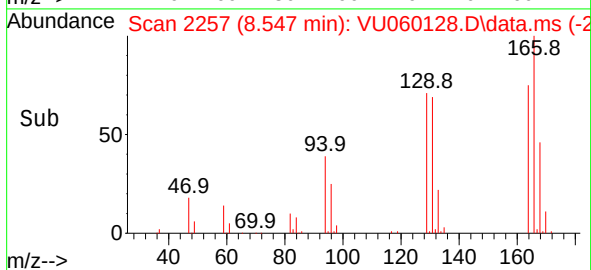
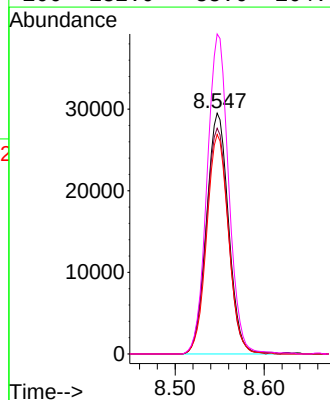
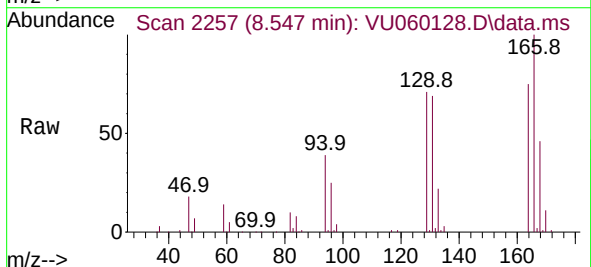
Instrument :
MSVOA_U
ClientSampleId :

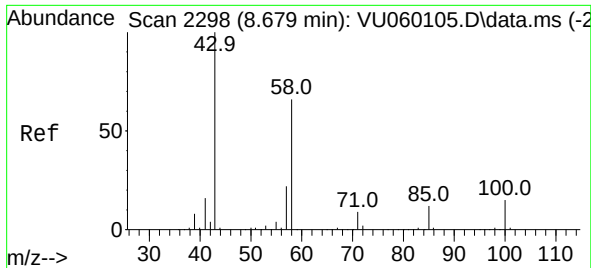
Tgt Ion: 97	Resp: 52661
Ion Ratio	Lower Upper
97	100
99	61.8 43.8 81.4
83	84.7 62.1 115.3
85	55.6 39.3 73.1



#47
Tetrachloroethene
Concen: 4.300 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU060128.D
Acq: 23 Jul 2024 21:39

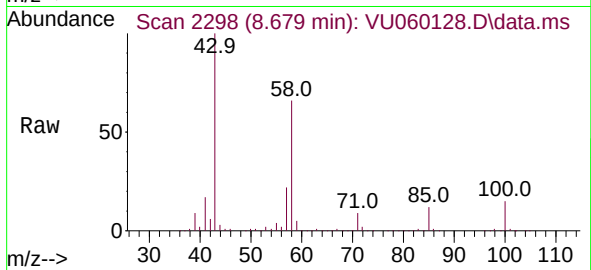
Tgt Ion: 164	Resp: 50920
Ion Ratio	Lower Upper
164	100
129	93.8 64.6 120.0
131	91.2 61.2 113.8
166	132.9 88.6 164.6



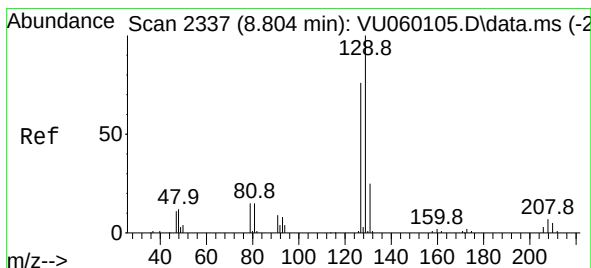
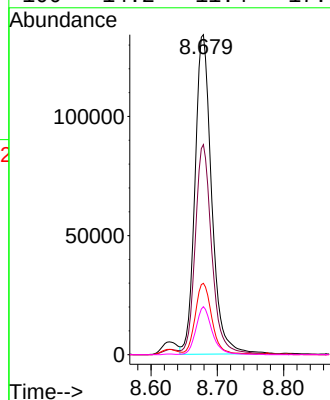
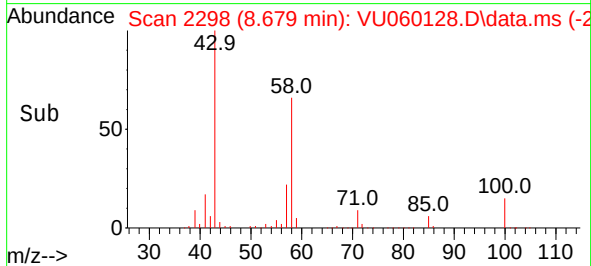


#48
2-Hexanone
Concen: 49.524 ug/L
RT: 8.679 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU060128.D
Acq: 23 Jul 2024 21:39

Instrument :
MSVOA_U
ClientSampleId :

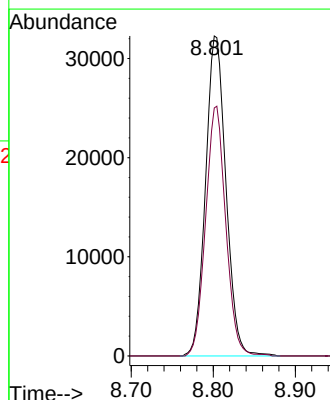
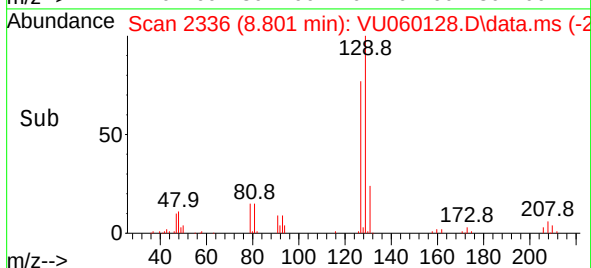
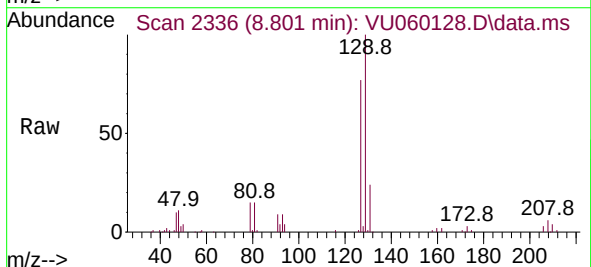


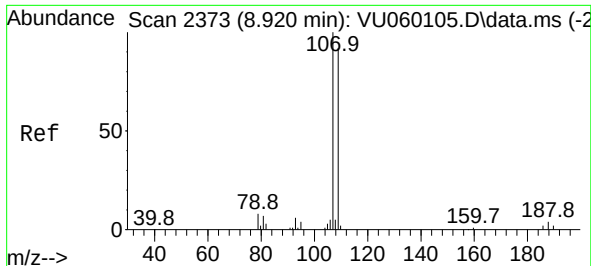
Tgt Ion: 43 Resp: 234102
Ion Ratio Lower Upper
43 100
58 66.0 52.6 78.8
57 22.1 17.8 26.8
100 14.2 11.4 17.0



#49
Dibromochloromethane
Concen: 4.520 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. -0.003 min
Lab File: VU060128.D
Acq: 23 Jul 2024 21:39

Tgt Ion:129 Resp: 55749
Ion Ratio Lower Upper
129 100
127 77.5 54.6 101.4





#50

1,2-Dibromoethane

Concen: 4.727 ug/L

RT: 8.917 min Scan# 24

Delta R.T. -0.003 min

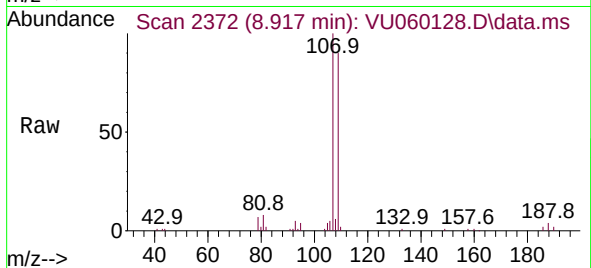
Lab File: VU060128.D

Acq: 23 Jul 2024 21:39

Instrument :

MSVOA_U

ClientSampleId :



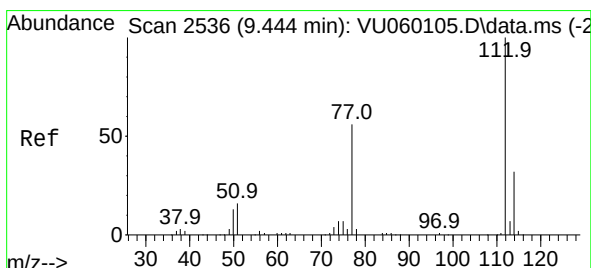
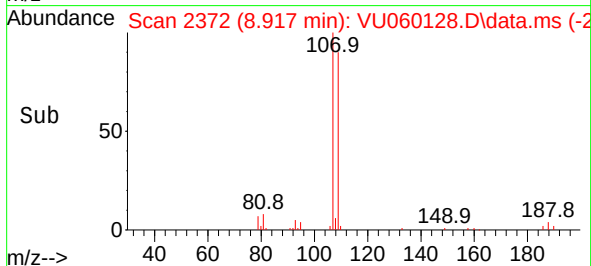
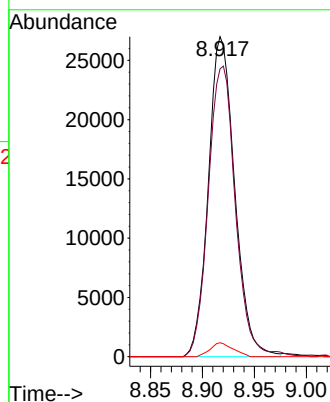
Tgt Ion:107 Resp: 47645

Ion Ratio Lower Upper

107 100

109 90.0 64.0 118.8

188 4.4 3.0 4.6



#51

Chlorobenzene

Concen: 4.392 ug/L

RT: 9.441 min Scan# 2535

Delta R.T. -0.003 min

Lab File: VU060128.D

Acq: 23 Jul 2024 21:39

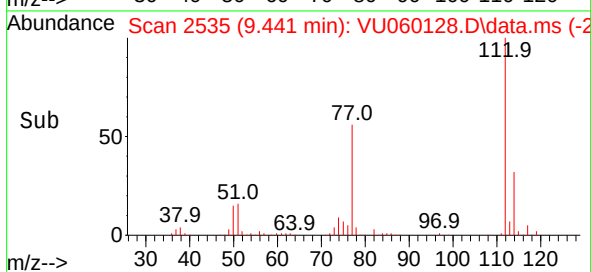
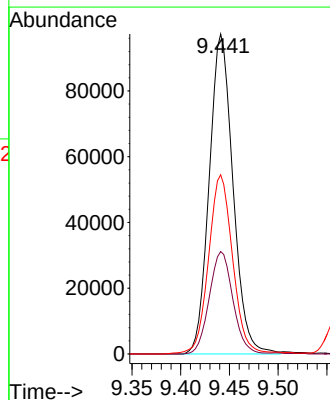
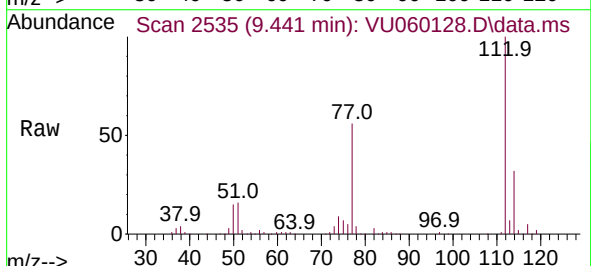
Tgt Ion:112 Resp: 164897

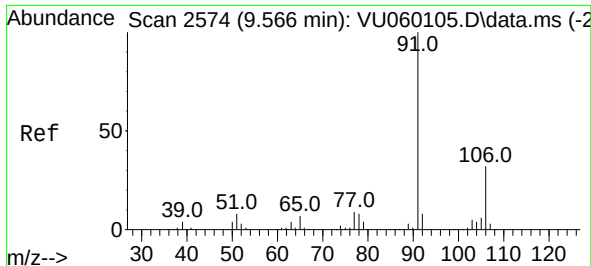
Ion Ratio Lower Upper

112 100

114 32.0 22.1 41.1

77 56.0 44.7 67.1

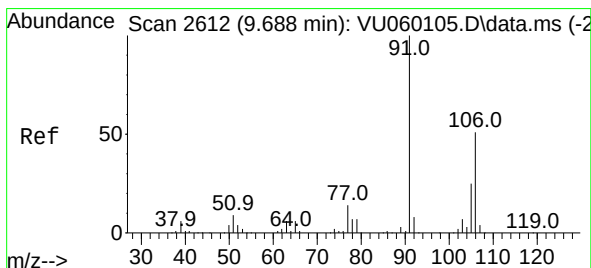
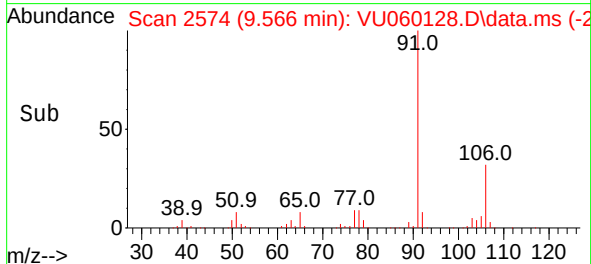
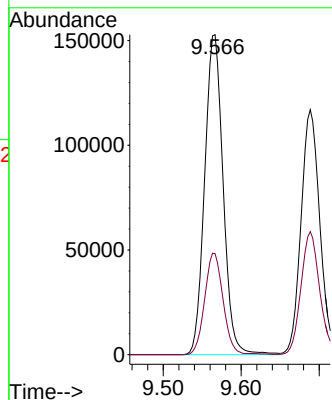
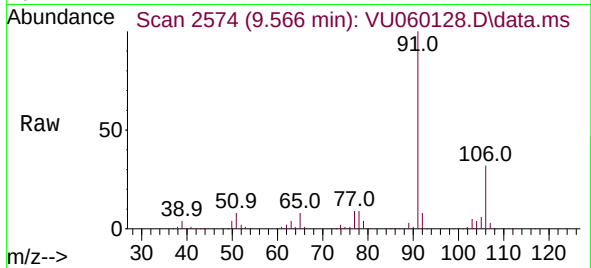




#52
Ethylbenzene
Concen: 4.389 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. 0.000 min
Lab File: VU060128.D
Acq: 23 Jul 2024 21:39

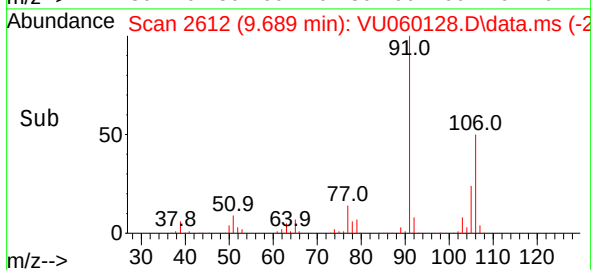
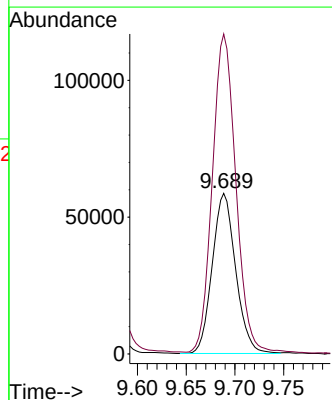
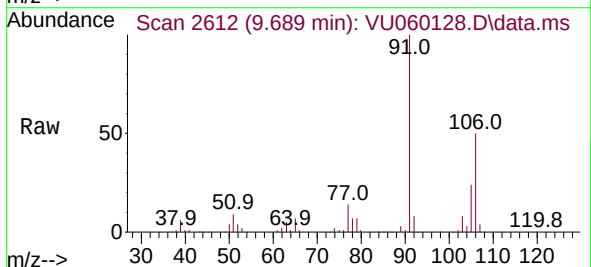
Instrument :
MSVOA_U
ClientSampleId :

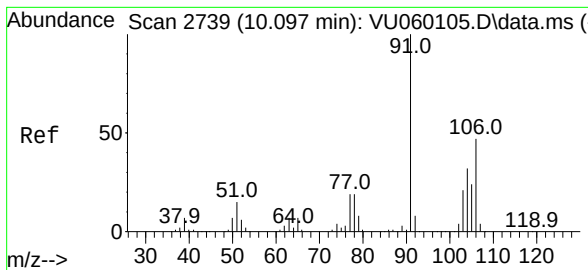
Tgt Ion: 91 Resp: 251561
Ion Ratio Lower Upper
91 100
106 31.6 21.9 40.7



#53
m,p-Xylene
Concen: 4.419 ug/L
RT: 9.689 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU060128.D
Acq: 23 Jul 2024 21:39

Tgt Ion:106 Resp: 97839
Ion Ratio Lower Upper
106 100
91 199.1 141.3 262.5

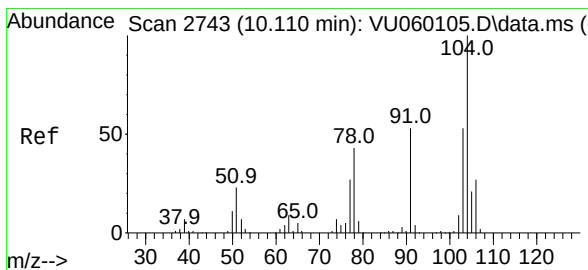
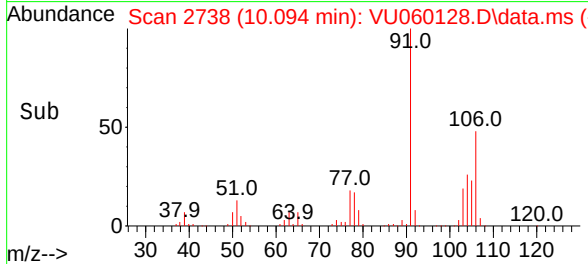
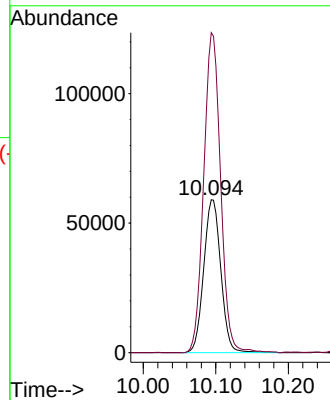
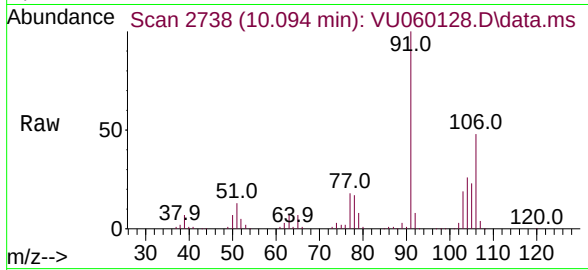




#54
o-Xylene
Concen: 4.570 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. -0.003 min
Lab File: VU060128.D
Acq: 23 Jul 2024 21:39

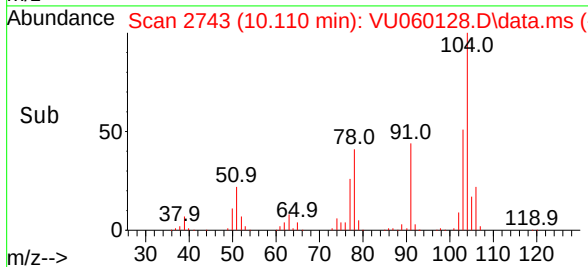
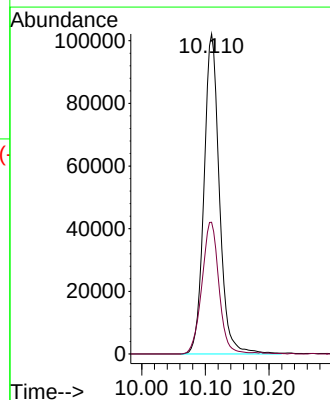
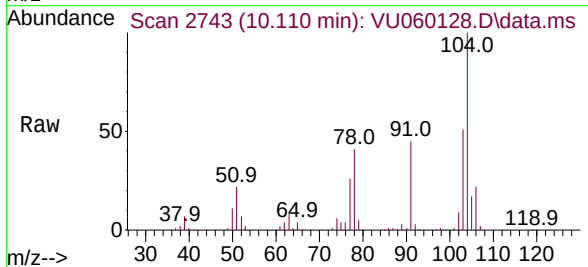
Instrument :
MSVOA_U
ClientSampleId :

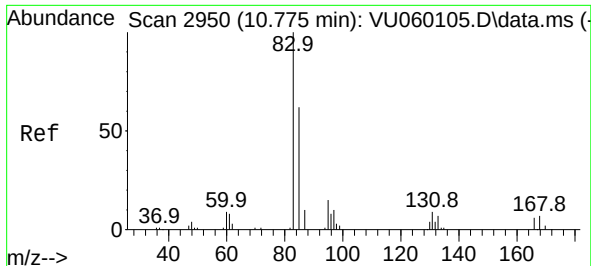
Tgt Ion:106 Resp: 96761
Ion Ratio Lower Upper
106 100
91 209.1 143.6 266.6



#55
Styrene
Concen: 4.768 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. 0.000 min
Lab File: VU060128.D
Acq: 23 Jul 2024 21:39

Tgt Ion:104 Resp: 171828
Ion Ratio Lower Upper
104 100
78 41.1 31.4 58.4





#57

1,1,2,2-Tetrachloroethane

Concen: 4.603 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU060128.D

Acq: 23 Jul 2024 21:39

Instrument :

MSVOA_U

ClientSampleId :

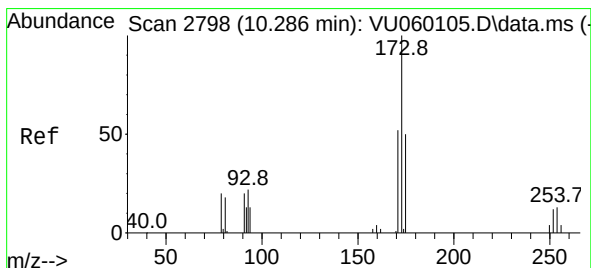
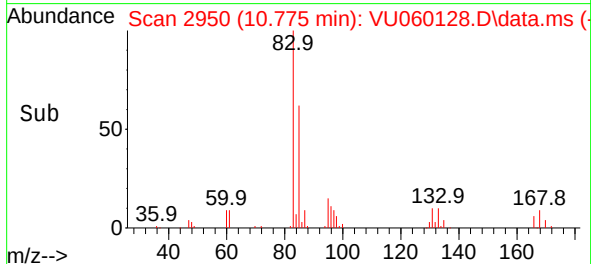
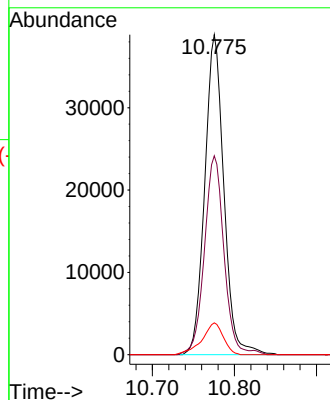
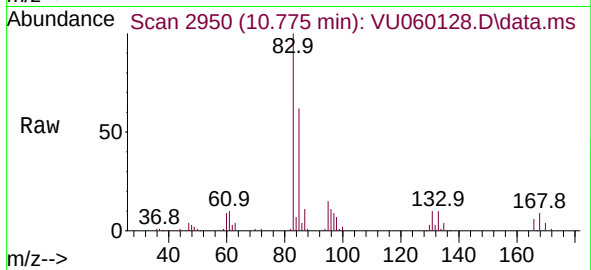
Tgt Ion: 83 Resp: 62781

Ion Ratio Lower Upper

83 100

85 62.2 46.8 87.0

131 10.0 7.8 11.6



#59

Bromoform

Concen: 4.680 ug/L

RT: 10.287 min Scan# 2798

Delta R.T. 0.000 min

Lab File: VU060128.D

Acq: 23 Jul 2024 21:39

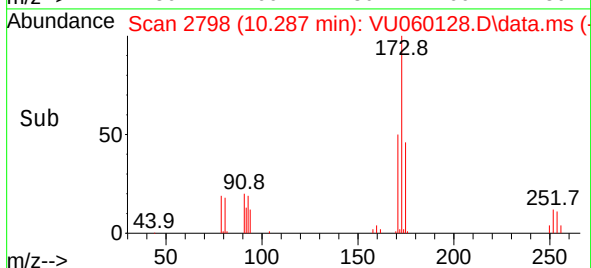
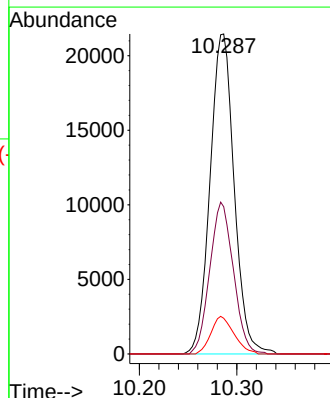
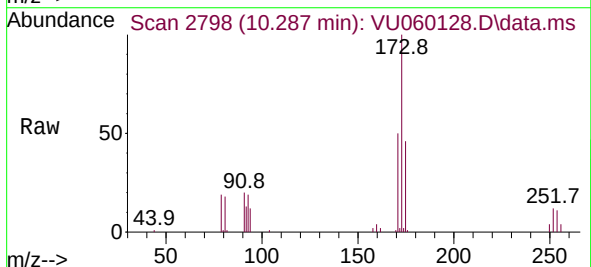
Tgt Ion:173 Resp: 36848

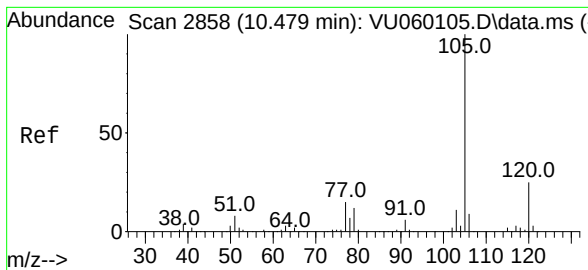
Ion Ratio Lower Upper

173 100

175 46.5 38.7 58.1

254 11.2 9.0 13.4





#60

Isopropylbenzene

Concen: 4.366 ug/L

RT: 10.480 min Scan# 2858

Delta R.T. 0.000 min

Lab File: VU060128.D

Acq: 23 Jul 2024 21:39

Instrument :

MSVOA_U

ClientSampleId :

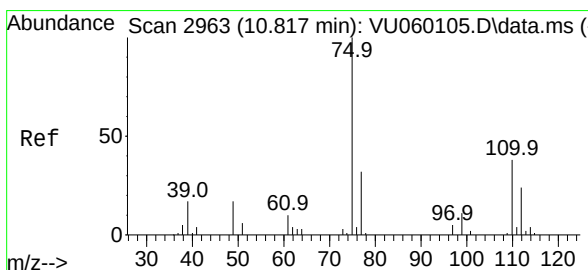
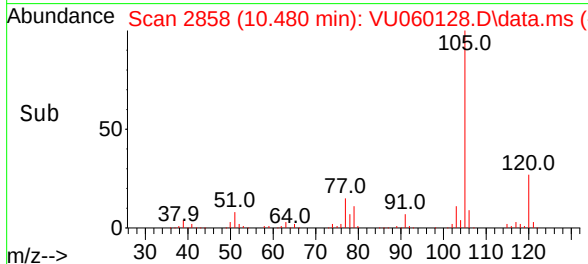
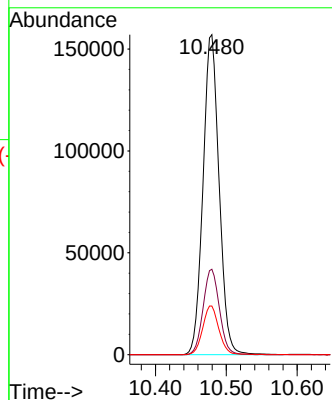
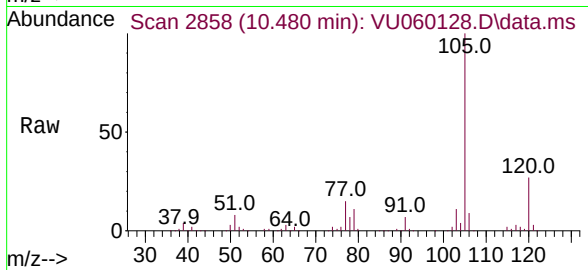
Tgt Ion:105 Resp: 247406

Ion Ratio Lower Upper

105 100

120 27.0 21.9 32.9

77 15.2 12.1 18.1



#61

1,2,3-Trichloropropane

Concen: 4.666 ug/L

RT: 10.817 min Scan# 2963

Delta R.T. 0.000 min

Lab File: VU060128.D

Acq: 23 Jul 2024 21:39

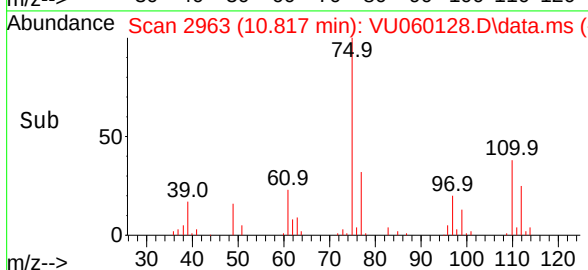
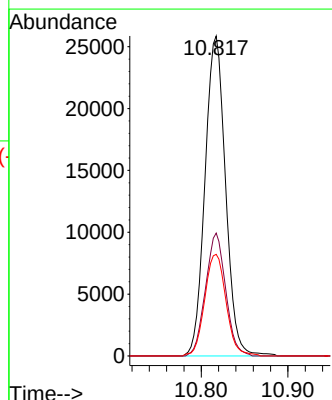
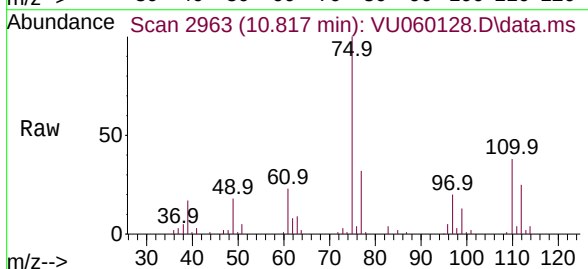
Tgt Ion: 75 Resp: 42613

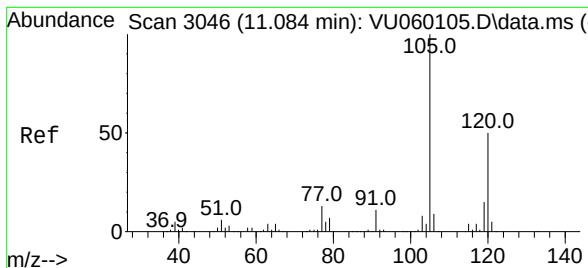
Ion Ratio Lower Upper

75 100

110 37.6 30.8 46.2

77 33.0 26.2 39.2





#62

1,3,5-Trimethylbenzene

Concen: 4.263 ug/L

RT: 11.084 min Scan# 3046

Delta R.T. 0.000 min

Lab File: VU060128.D

Acq: 23 Jul 2024 21:39

Instrument :

MSVOA_U

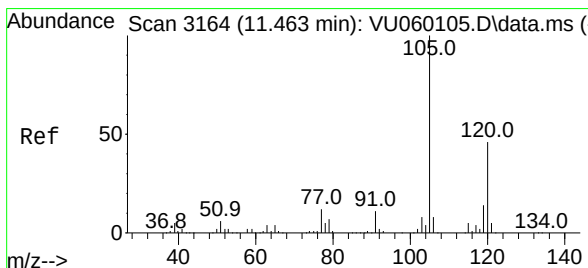
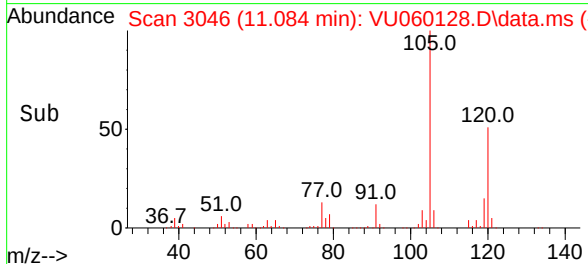
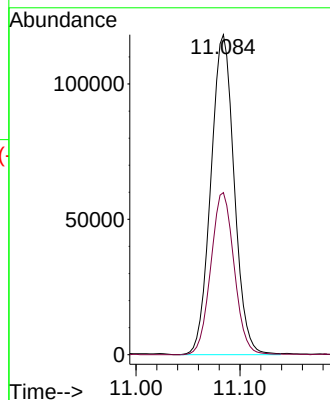
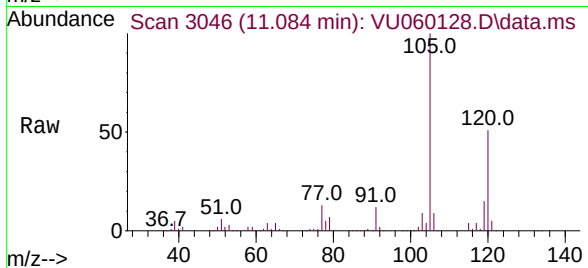
ClientSampleId :

Tgt Ion:105 Resp: 184536

Ion Ratio Lower Upper

105 100

120 50.8 39.4 59.2



#63

1,2,4-Trimethylbenzene

Concen: 4.397 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. 0.000 min

Lab File: VU060128.D

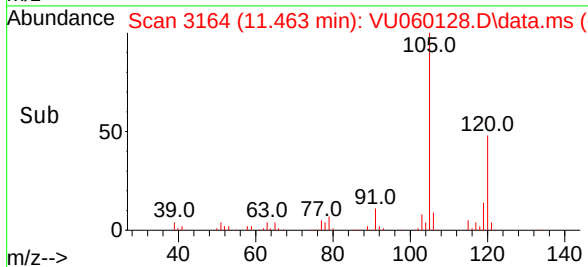
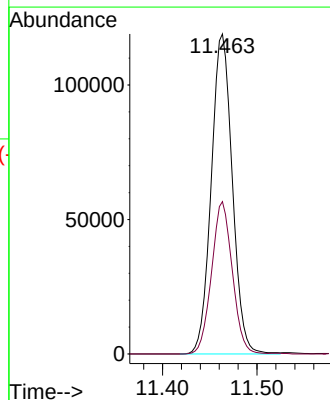
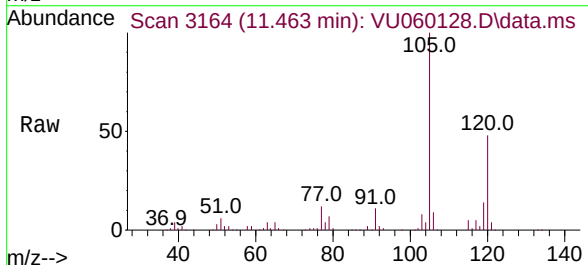
Acq: 23 Jul 2024 21:39

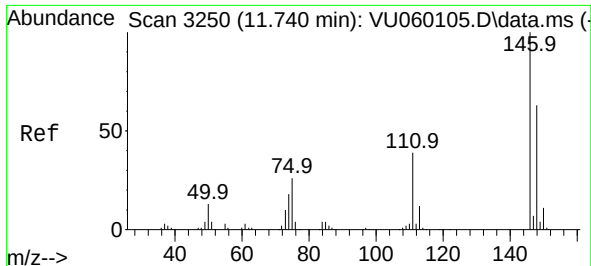
Tgt Ion:105 Resp: 183917

Ion Ratio Lower Upper

105 100

120 46.8 36.7 55.1





#64

1,3-Dichlorobenzene

Concen: 4.484 ug/L

RT: 11.740 min Scan# 3250

Delta R.T. 0.000 min

Lab File: VU060128.D

Acq: 23 Jul 2024 21:39

Instrument :

MSVOA_U

ClientSampleId :

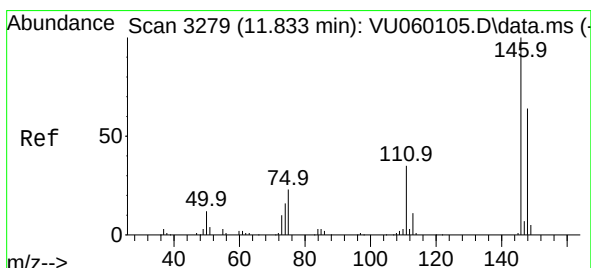
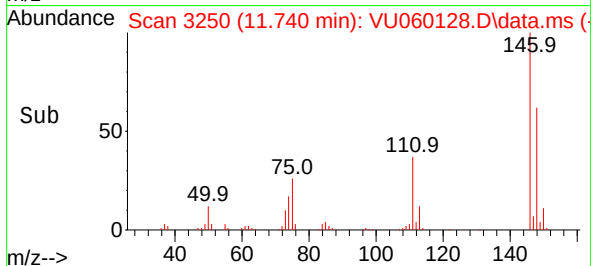
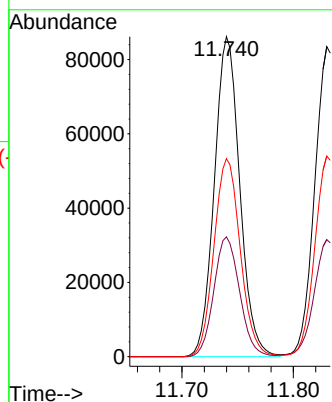
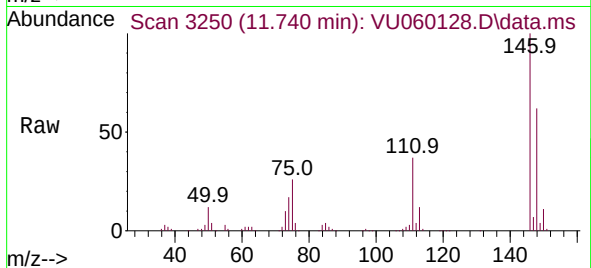
Tgt Ion:146 Resp: 136711

Ion Ratio Lower Upper

146 100

111 37.4 27.2 50.4

148 61.9 44.3 82.3



#65

1,4-Dichlorobenzene

Concen: 4.343 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. -0.003 min

Lab File: VU060128.D

Acq: 23 Jul 2024 21:39

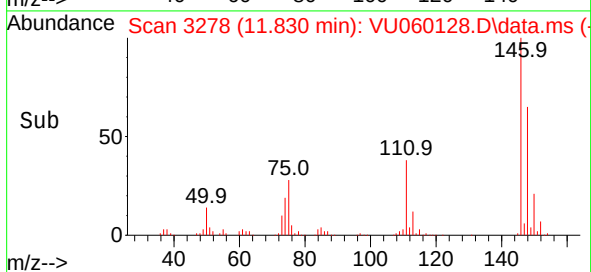
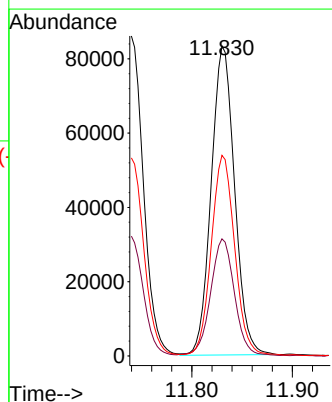
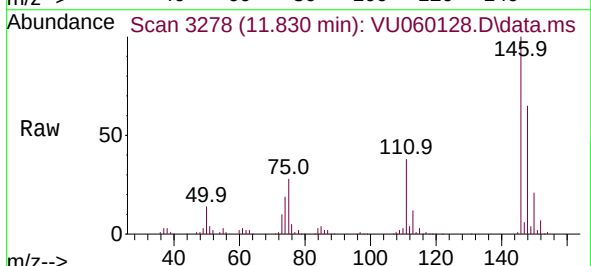
Tgt Ion:146 Resp: 134793

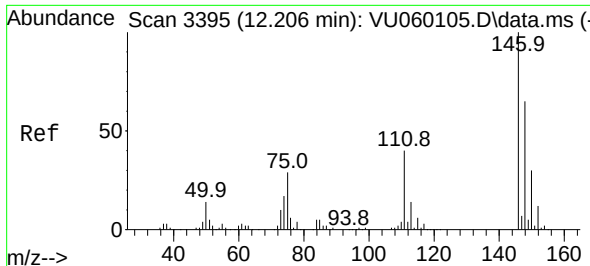
Ion Ratio Lower Upper

146 100

111 37.8 26.5 49.1

148 64.7 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 4.578 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. 0.000 min

Lab File: VU060128.D

Acq: 23 Jul 2024 21:39

Instrument :

MSVOA_U

ClientSampleId :

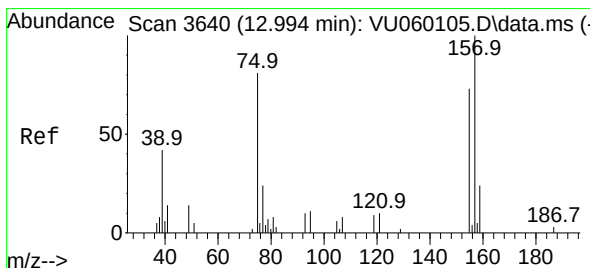
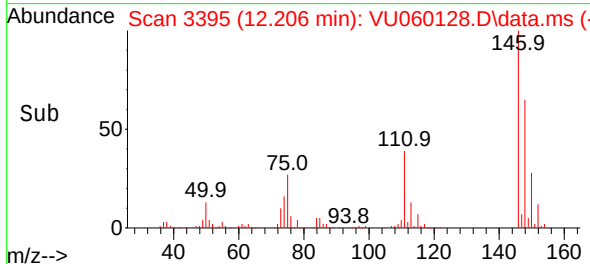
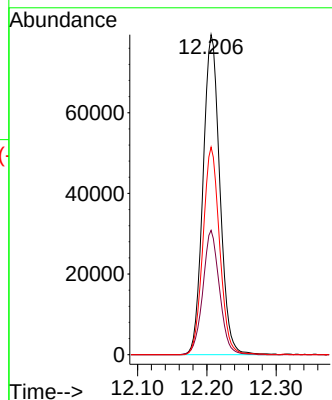
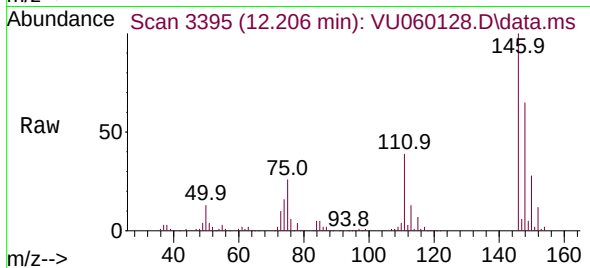
Tgt Ion:146 Resp: 133600

Ion Ratio Lower Upper

146 100

111 38.9 30.9 46.3

148 64.8 49.8 74.8



#68

1,2-Dibromo-3-chloropropane

Concen: 4.803 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. -0.003 min

Lab File: VU060128.D

Acq: 23 Jul 2024 21:39

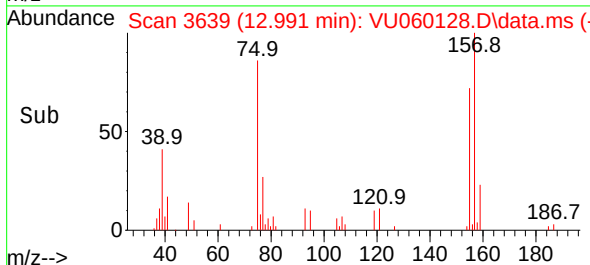
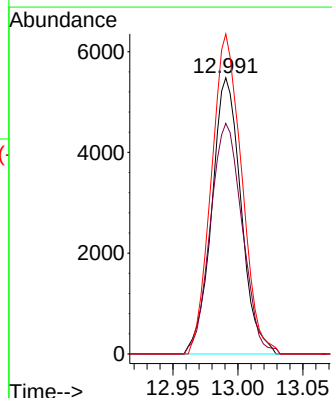
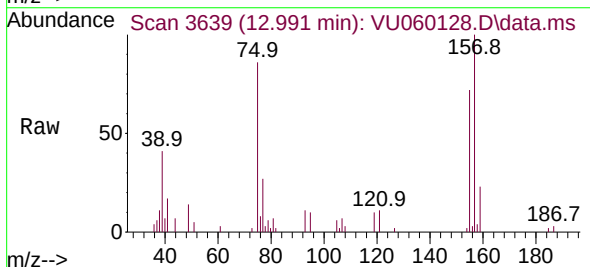
Tgt Ion: 75 Resp: 8550

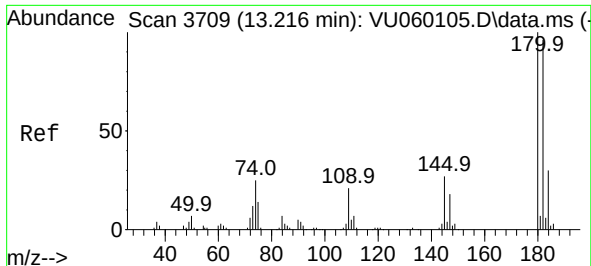
Ion Ratio Lower Upper

75 100

155 83.5 70.6 105.8

157 115.9 99.4 149.2





#69

1,3,5-Trichlorobenzene

Concen: 4.314 ug/L

RT: 13.213 min Scan# 31

Delta R.T. -0.003 min

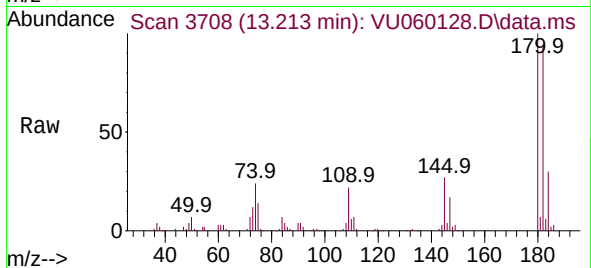
Lab File: VU060128.D

Acq: 23 Jul 2024 21:39

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 99260

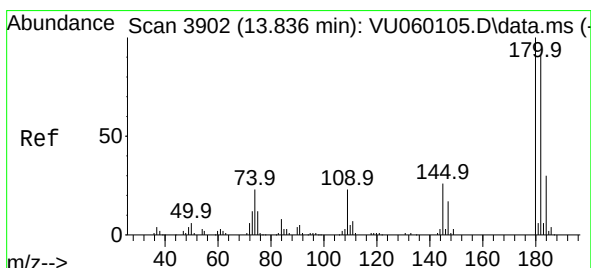
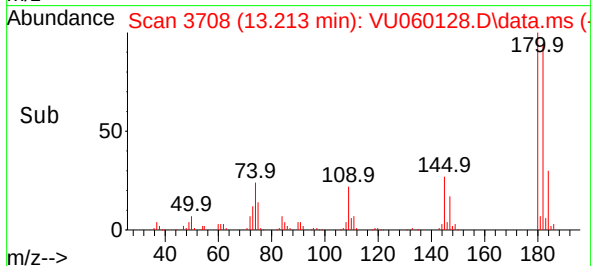
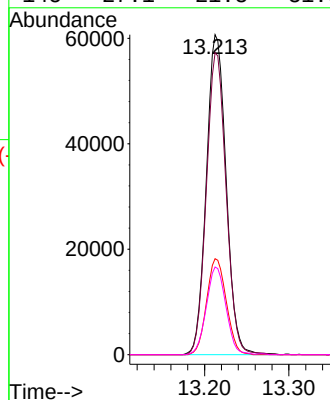
Ion Ratio Lower Upper

180 100

182 93.9 74.6 111.8

184 29.8 23.1 34.7

145 27.1 21.3 31.9



#70

1,2,4-trichlorobenzene

Concen: 4.569 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. -0.003 min

Lab File: VU060128.D

Acq: 23 Jul 2024 21:39

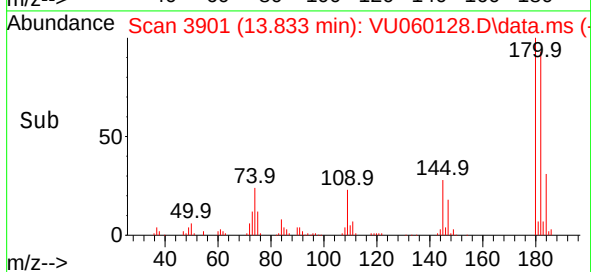
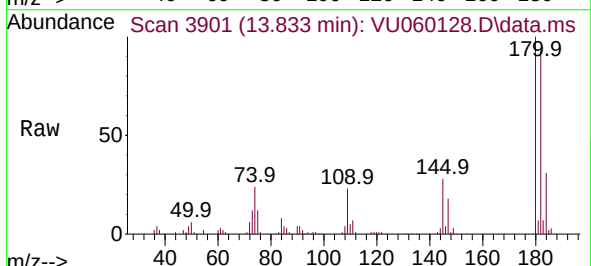
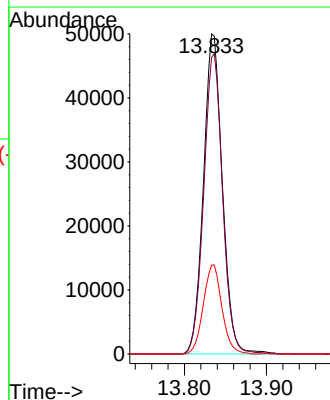
Tgt Ion:180 Resp: 80018

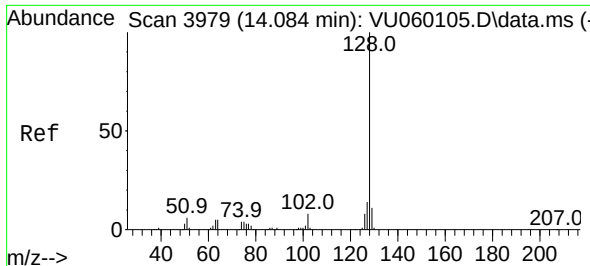
Ion Ratio Lower Upper

180 100

182 93.5 77.2 115.8

145 27.4 23.0 34.4

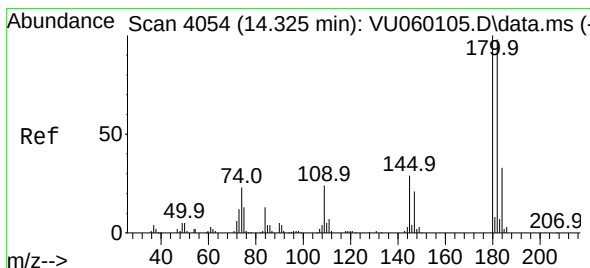
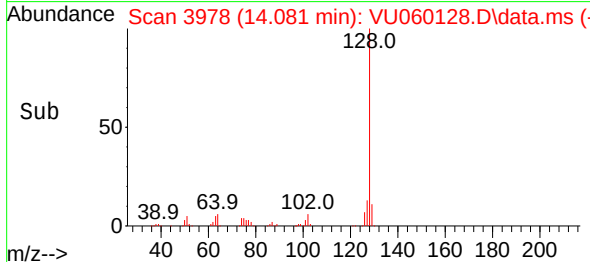
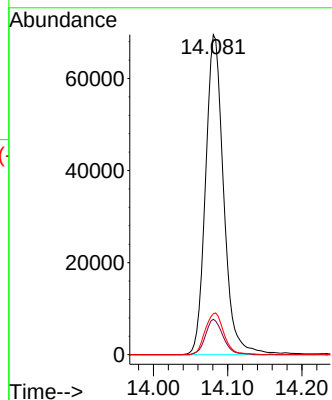
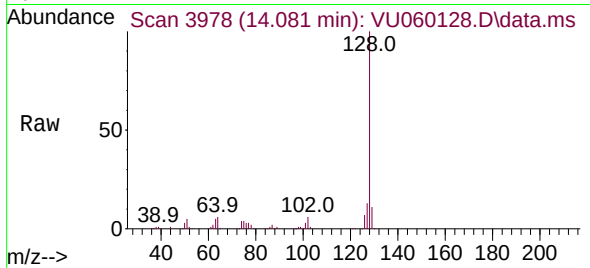




#71
Naphthalene
Concen: 4.740 ug/L
RT: 14.081 min Scan# 3979
Delta R.T. -0.003 min
Lab File: VU060128.D
Acq: 23 Jul 2024 21:39

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 117607
Ion Ratio Lower Upper
128 100
129 10.8 8.2 12.4
127 13.5 10.6 16.0



#72
1,2,3-Trichlorobenzene
Concen: 4.771 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VU060128.D
Acq: 23 Jul 2024 21:39

Tgt Ion:180 Resp: 75142
Ion Ratio Lower Upper
180 100
182 98.8 76.3 114.5
145 30.6 23.9 35.9

