

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072324\
 Data File : VU060127.D
 Acq On : 23 Jul 2024 21:15
 Operator : MD/SY
 Sample : P3280-09MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 24 04:25:36 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	116039	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	125013	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	67627	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	26502	3.283	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.600%
7) Chloroethane-d5	1.907	69	30659	4.088	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.800%
11) 1,1-Dichloroethene-d2	2.563	65	10728	3.403	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.000%
20) 2-Butanone-d5	4.621	46	99156	52.531	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.060%
24) Chloroform-d	5.055	84	77258	4.553	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
26) 1,2-Dichloroethane-d4	5.695	65	36635	4.637	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
32) Benzene-d6	5.721	84	132321	3.951	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.000%
36) 1,2-Dichloropropane-d6	6.682	67	45392	4.253	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.000%
41) Toluene-d8	7.891	98	119785	3.958	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.200%
43) trans-1,3-Dichloroprop...	8.174	79	12477	3.434	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.600%
46) 2-Hexanone-d5	8.627	63	77054	47.795	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.580%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	46739	4.920	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	52992	4.341	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.800%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.383	85	37115	4.230	ug/L	100
3) Chloromethane	1.518	50	46053	4.345	ug/L	98
5) Vinyl chloride	1.602	62	51243	4.313	ug/L	100
6) Bromomethane	1.853	94	35130	4.542	ug/L	97
8) Chloroethane	1.930	64	35199	4.536	ug/L	99
9) Trichlorofluoromethane	2.132	101	68962	4.603	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	42225	4.318	ug/L	100
12) 1,1-Dichloroethene	2.573	96	40498	4.572	ug/L	90
13) Acetone	2.631	43	67264	53.871	ug/L	96
14) Carbon disulfide	2.788	76	111886	4.338	ug/L	99
15) Methyl Acetate	2.949	43	10000	3.256	ug/L	100
16) Methylene chloride	3.039	84	49608	4.568	ug/L	96
17) Methyl tert-butyl Ether	3.354	73	90674	4.489	ug/L	98
18) trans-1,2-Dichloroethene	3.345	96	41648	4.520	ug/L	93
19) 1,1-Dichloroethane	3.859	63	81237	4.644	ug/L	98
21) 2-Butanone	4.698	43	95586	48.359	ug/L	99
22) cis-1,2-Dichloroethene	4.656	96	50174	4.862	ug/L	95
23) Bromochloromethane	4.965	128	24726	4.930	ug/L	92
25) Chloroform	5.078	83	87766	4.562	ug/L	99

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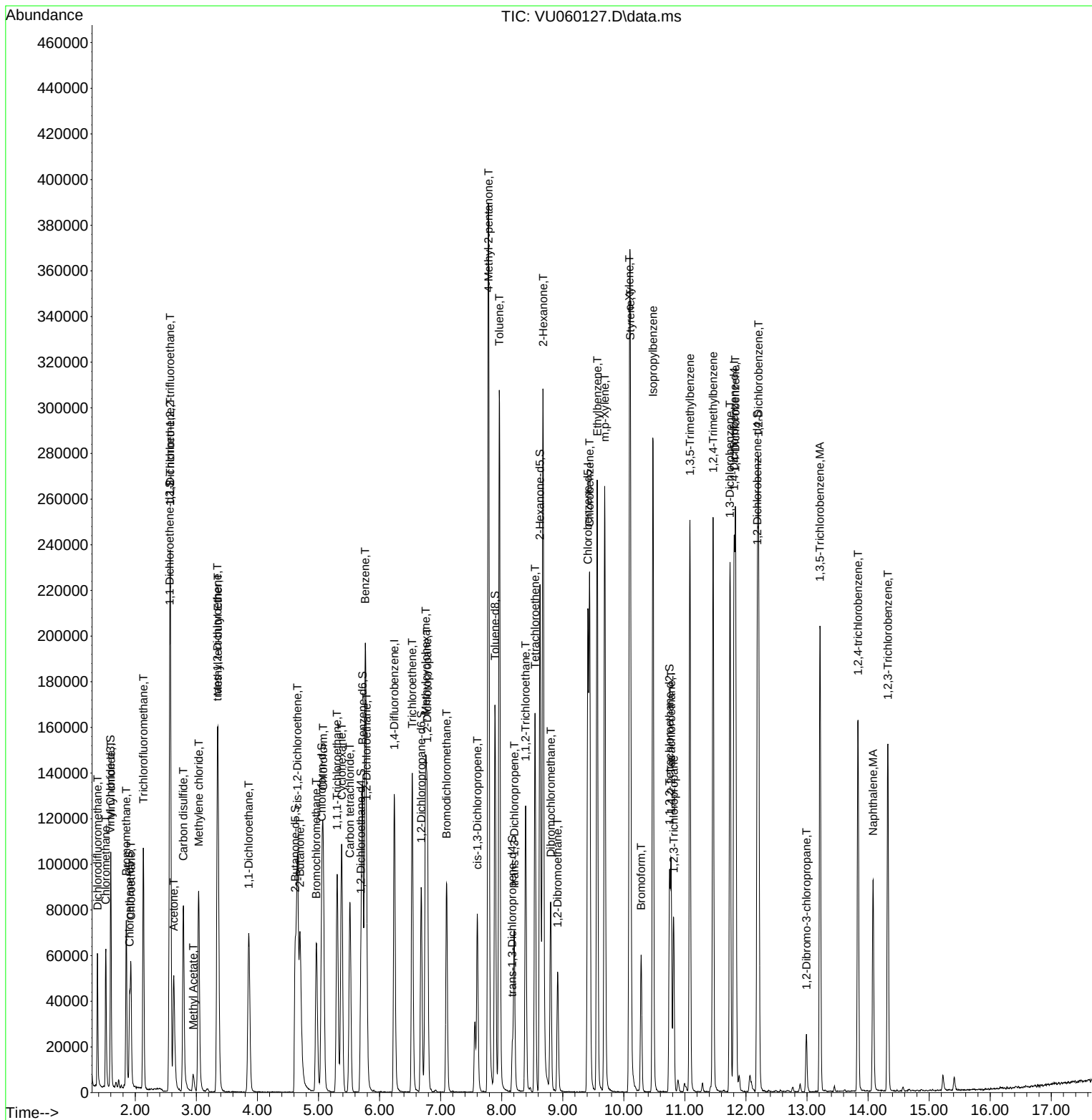
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 ClientSampleId :

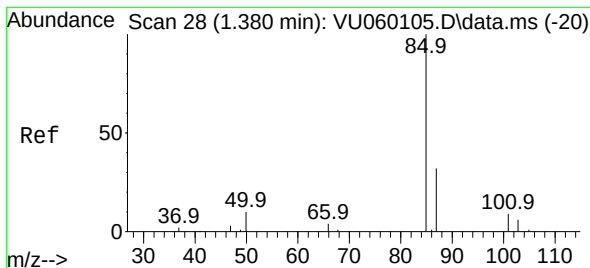
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 24 04:18:44 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	52747	4.796	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	69217	4.433	ug/L	99
30) Cyclohexane	5.380	56	47344	3.834	ug/L	100
31) Carbon tetrachloride	5.515	117	59942	4.450	ug/L	98
33) Benzene	5.766	78	185082	4.482	ug/L	100
34) Trichloroethene	6.537	95	49192	4.491	ug/L	98
35) Methylcyclohexane	6.756	83	51369	3.578	ug/L	96
37) 1,2-Dichloropropane	6.782	63	48682	4.363	ug/L	99
38) Bromodichloromethane	7.097	83	62023	4.437	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	50154	3.440	ug/L	96
40) 4-Methyl-2-pentanone	7.785	43	230003	46.588	ug/L	98
42) Toluene	7.962	91	242429	5.516	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	41439	3.402	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	41576	4.877	ug/L	99
47) Tetrachloroethene	8.547	164	40474	4.469	ug/L	98
48) 2-Hexanone	8.679	43	181305	50.156	ug/L	99
49) Dibromochloromethane	8.804	129	43867	4.651	ug/L	99
50) 1,2-Dibromoethane	8.917	107	36853	4.781	ug/L	95
51) Chlorobenzene	9.441	112	129031	4.494	ug/L	99
52) Ethylbenzene	9.566	91	191152	4.361	ug/L	99
53) m,p-Xylene	9.688	106	79855	4.716	ug/L	97
54) o-Xylene	10.093	106	73492	4.539	ug/L	99
55) Styrene	10.110	104	122870	4.458	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.775	83	49398	4.736	ug/L	100
59) Bromoform	10.283	173	28296	4.604	ug/L	99
60) Isopropylbenzene	10.479	105	186031	4.206	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	33978	4.765	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	134695	3.985	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	137499	4.210	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	105044	4.413	ug/L	95
65) 1,4-Dichlorobenzene	11.830	146	101882	4.205	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	101733	4.465	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.990	75	6869	4.943	ug/L	84
69) 1,3,5-Trichlorobenzene	13.212	180	70962	3.950	ug/L	97
70) 1,2,4-trichlorobenzene	13.836	180	56227	4.113	ug/L	99
71) Naphthalene	14.084	128	81645	4.215	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	52078	4.236	ug/L	98

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

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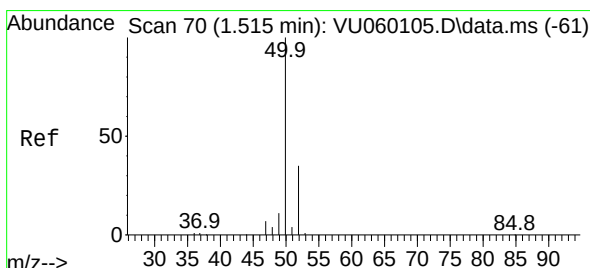
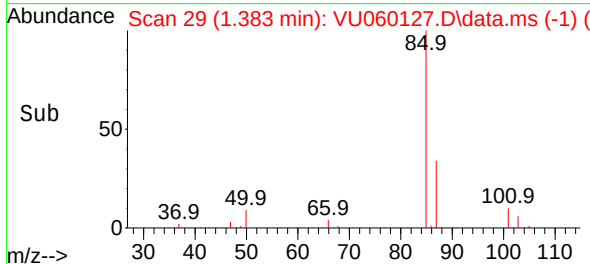
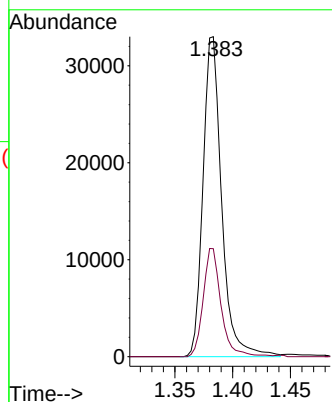
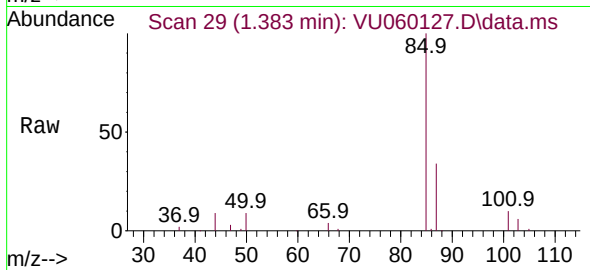




#2
 Dichlorodifluoromethane
 Concen: 4.230 ug/L
 RT: 1.383 min Scan# 20
 Delta R.T. 0.003 min
 Lab File: VU060127.D
 Acq: 23 Jul 2024 21:15

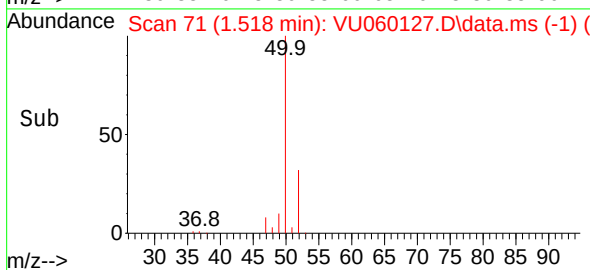
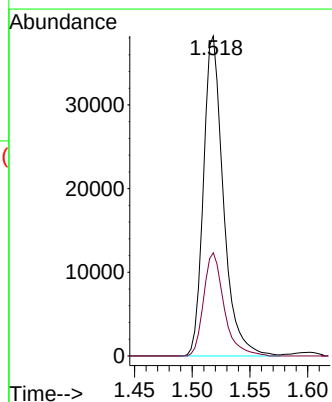
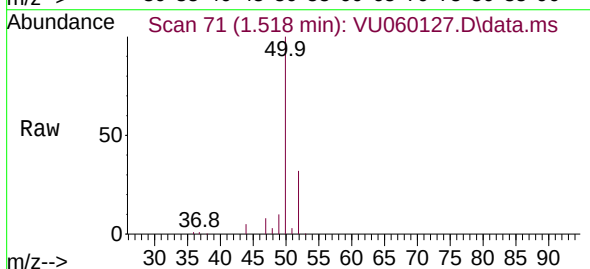
Instrument :
 MSVOA_U
 ClientSampleId :

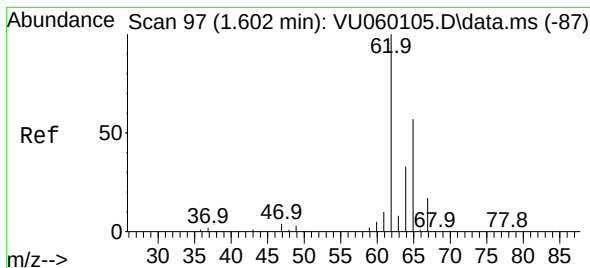
Tgt Ion: 85 Resp: 37115
 Ion Ratio Lower Upper
 85 100
 87 32.5 26.1 39.1



#3
 Chloromethane
 Concen: 4.345 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: VU060127.D
 Acq: 23 Jul 2024 21:15

Tgt Ion: 50 Resp: 46053
 Ion Ratio Lower Upper
 50 100
 52 32.2 23.4 43.4





#5

Vinyl chloride

Concen: 4.313 ug/L

RT: 1.602 min Scan# 91

Delta R.T. -0.000 min

Lab File: VU060127.D

Acq: 23 Jul 2024 21:15

Instrument :

MSVOA_U

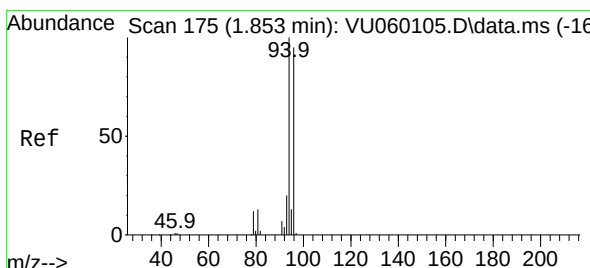
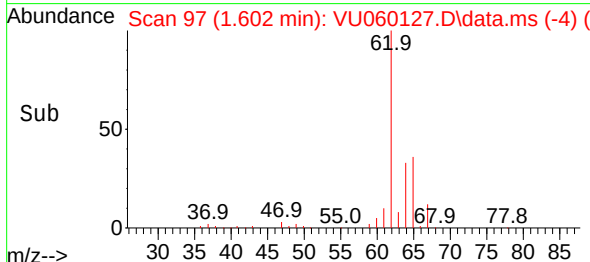
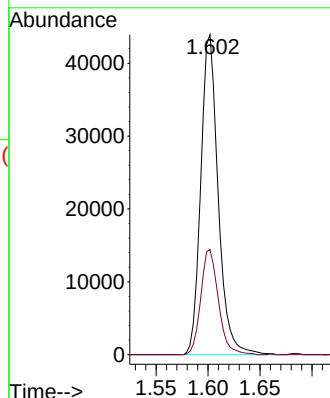
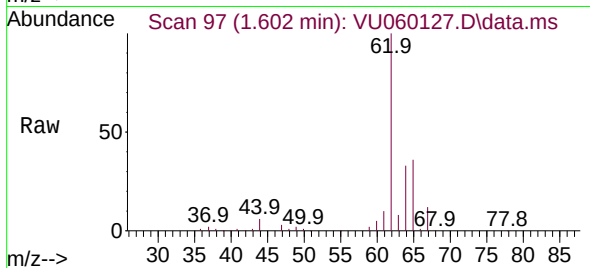
ClientSampleId :

Tgt Ion: 62 Resp: 51243

Ion Ratio Lower Upper

62 100

64 32.9 22.8 42.4



#6

Bromomethane

Concen: 4.542 ug/L

RT: 1.853 min Scan# 175

Delta R.T. -0.000 min

Lab File: VU060127.D

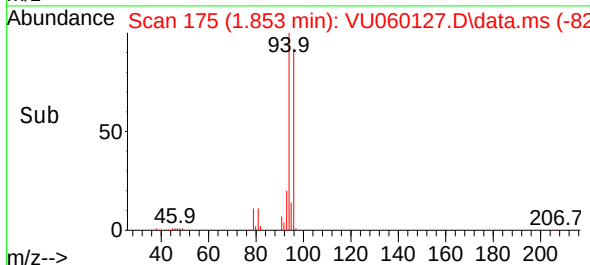
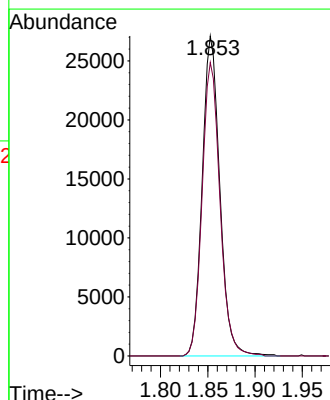
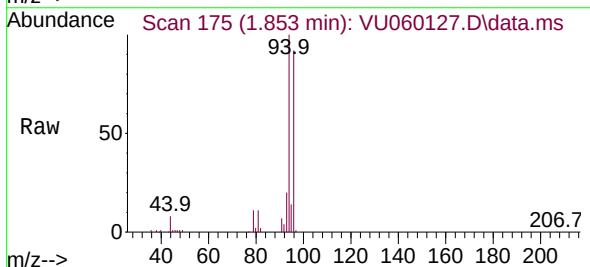
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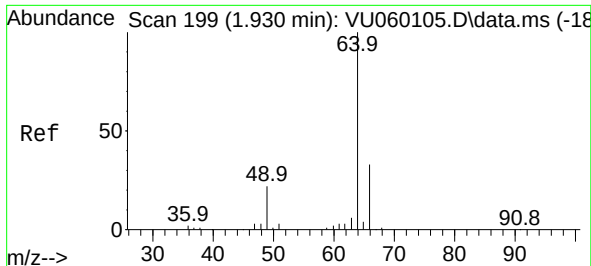
Tgt Ion: 94 Resp: 35130

Ion Ratio Lower Upper

94 100

96 91.7 66.6 123.6

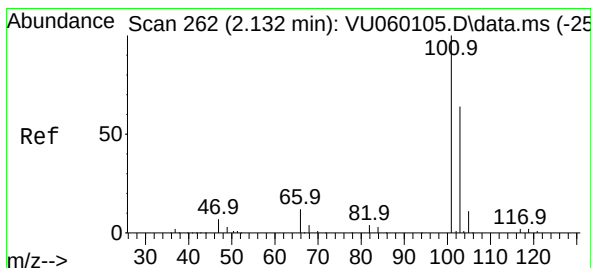
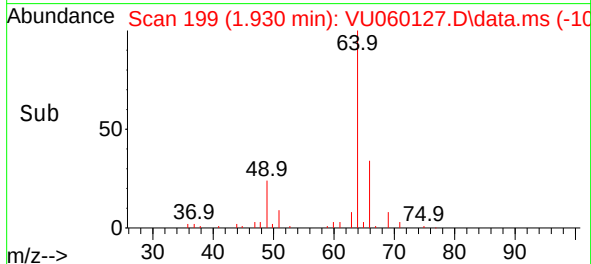
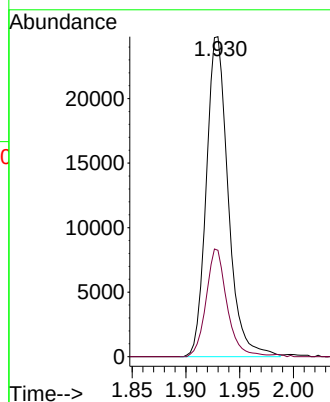
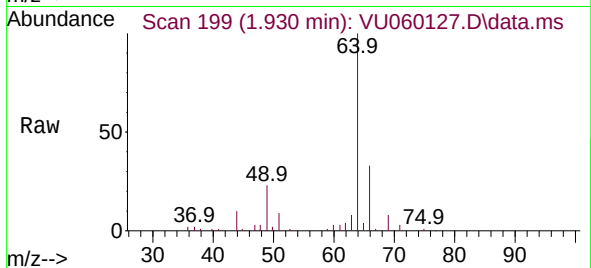




#8
Chloroethane
Concen: 4.536 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU060127.D
Acq: 23 Jul 2024 21:15

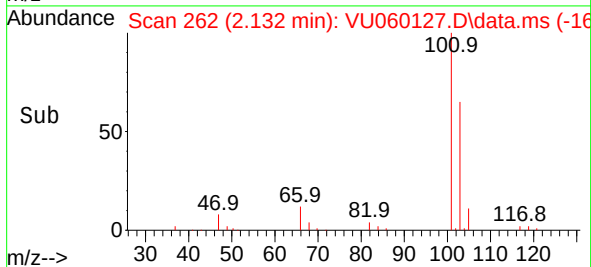
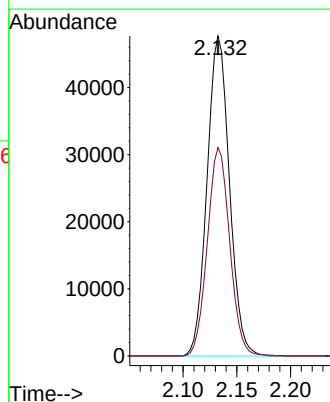
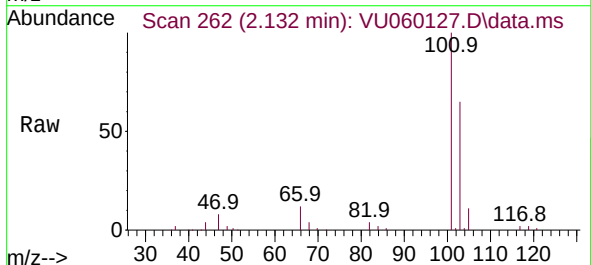
Instrument :
MSVOA_U
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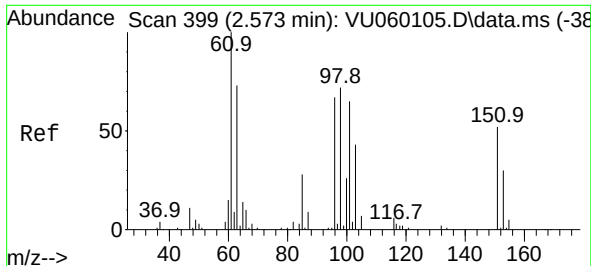
Tgt Ion: 64 Resp: 35199
Ion Ratio Lower Upper
64 100
66 33.3 22.8 42.4



#9
Trichlorofluoromethane
Concen: 4.603 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU060127.D
Acq: 23 Jul 2024 21:15

Tgt Ion:101 Resp: 68962
Ion Ratio Lower Upper
101 100
103 65.0 51.4 77.2

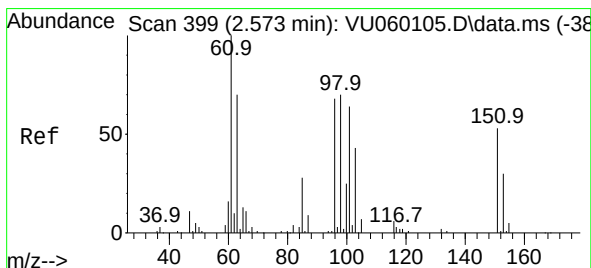
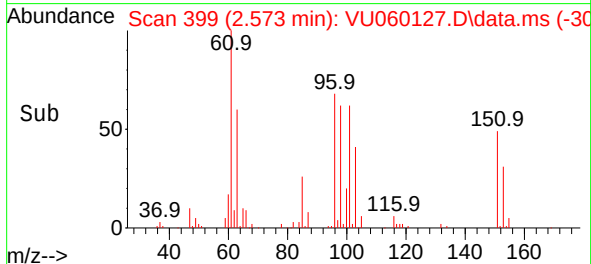
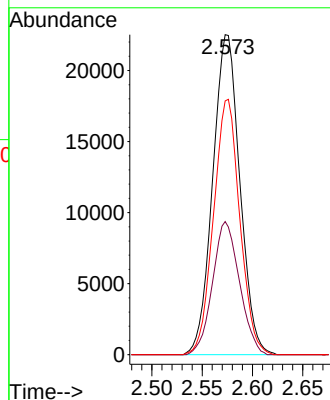
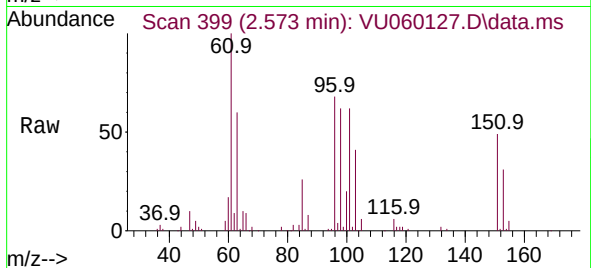




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.318 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU060127.D
Acq: 23 Jul 2024 21:15

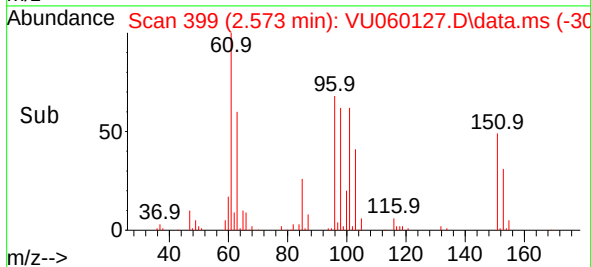
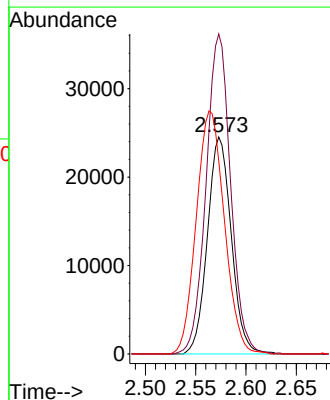
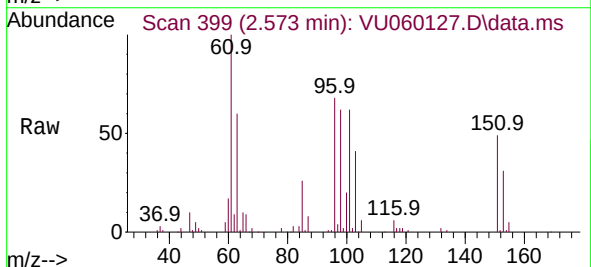
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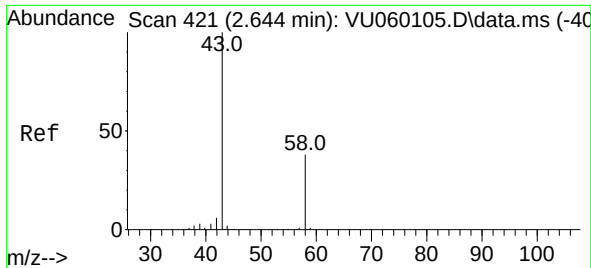
Tgt Ion:101 Resp: 42225
Ion Ratio Lower Upper
101 100
85 41.3 33.2 49.8
151 77.3 61.8 92.8



#12
1,1-Dichloroethene
Concen: 4.572 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU060127.D
Acq: 23 Jul 2024 21:15

Tgt Ion: 96 Resp: 40498
Ion Ratio Lower Upper
96 100
61 147.5 107.0 198.6
63 88.9 76.4 142.0





#13

Acetone

Concen: 53.871 ug/L

RT: 2.631 min Scan# 417

Delta R.T. -0.013 min

Lab File: VU060127.D

Acq: 23 Jul 2024 21:15

Instrument :

MSVOA_U

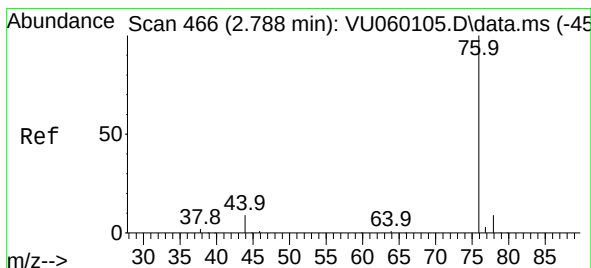
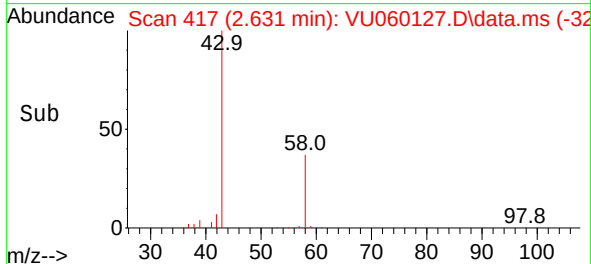
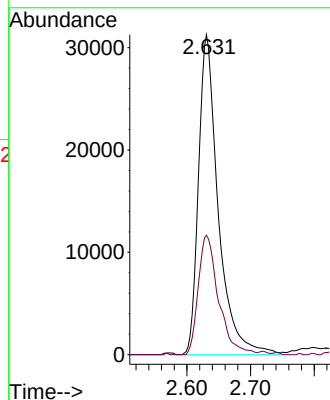
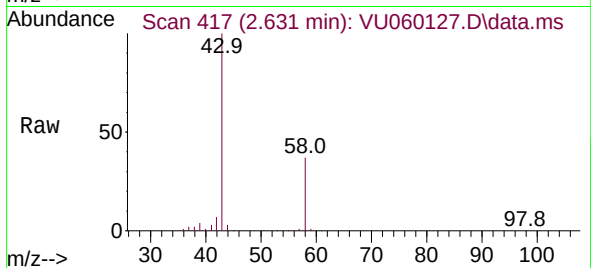
ClientSampleId :

Tgt Ion: 43 Resp: 67264

Ion Ratio Lower Upper

43 100

58 38.4 0.0 82.2



#14

Carbon disulfide

Concen: 4.338 ug/L

RT: 2.788 min Scan# 466

Delta R.T. -0.000 min

Lab File: VU060127.D

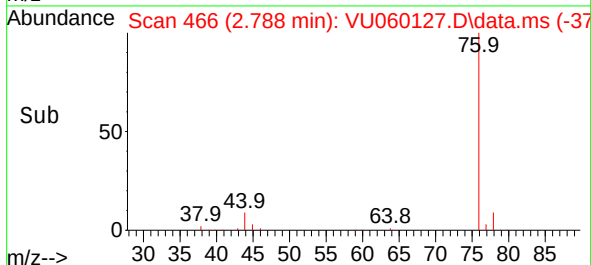
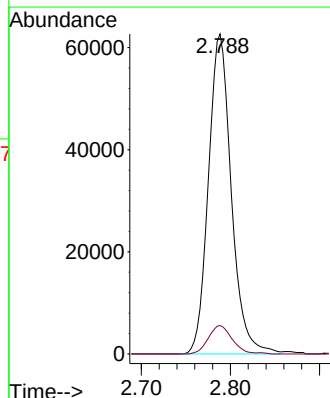
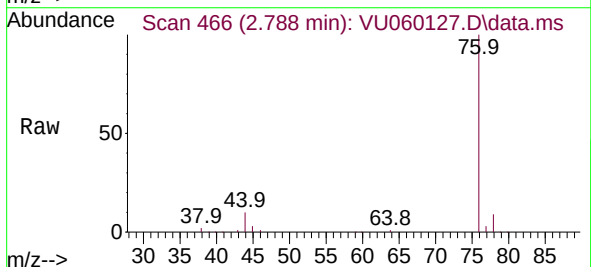
Acq: 23 Jul 2024 21:15

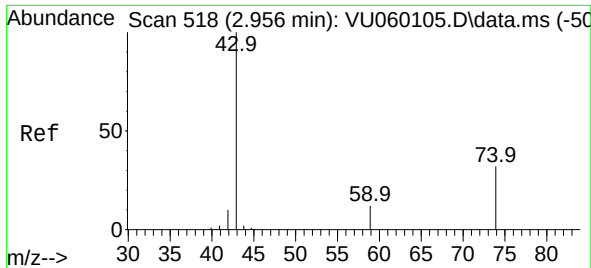
Tgt Ion: 76 Resp: 111886

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.0

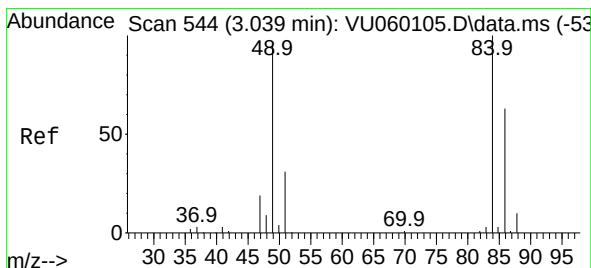
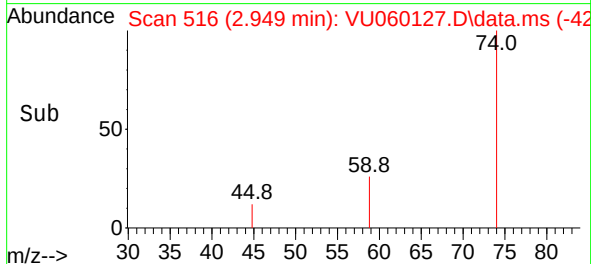
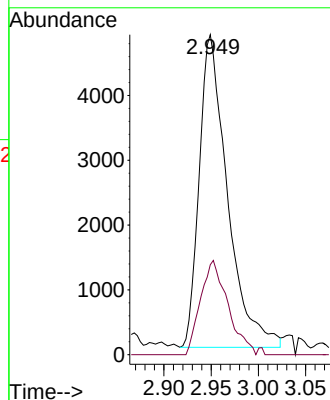
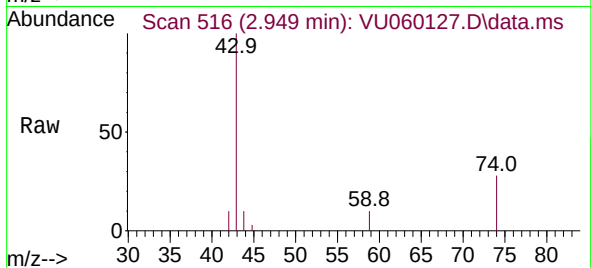




#15
Methyl Acetate
Concen: 3.256 ug/L
RT: 2.949 min Scan# 518
Delta R.T. -0.006 min
Lab File: VU060127.D
Acq: 23 Jul 2024 21:15

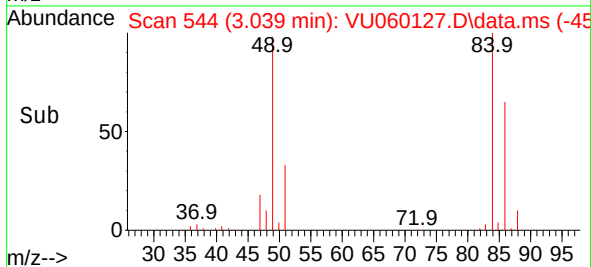
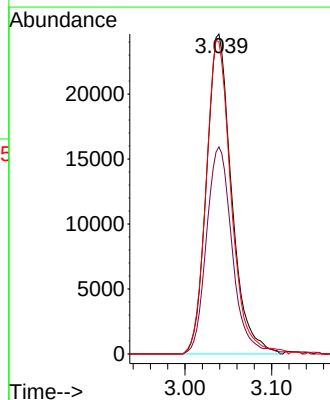
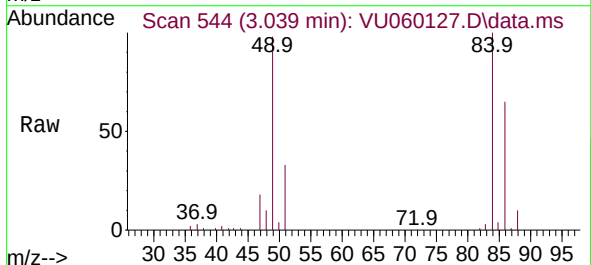
Instrument :
MSVOA_U
ClientSampleId :

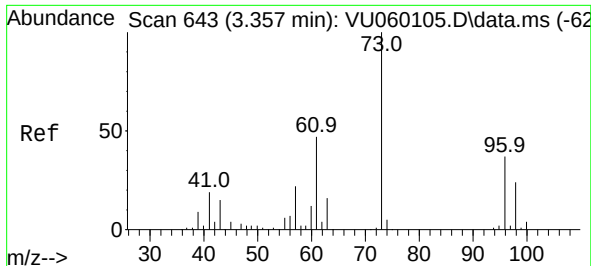
Tgt Ion: 43 Resp: 10000
Ion Ratio Lower Upper
43 100
74 29.3 23.5 35.3



#16
Methylene chloride
Concen: 4.568 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.000 min
Lab File: VU060127.D
Acq: 23 Jul 2024 21:15

Tgt Ion: 84 Resp: 49608
Ion Ratio Lower Upper
84 100
86 64.7 44.4 82.5
49 97.6 72.0 133.6

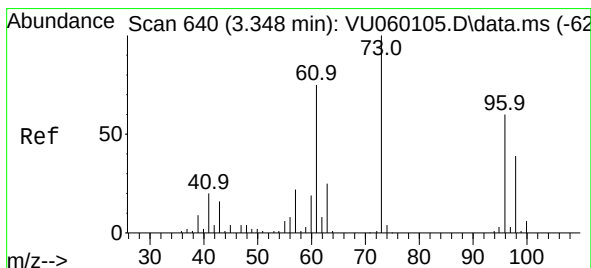
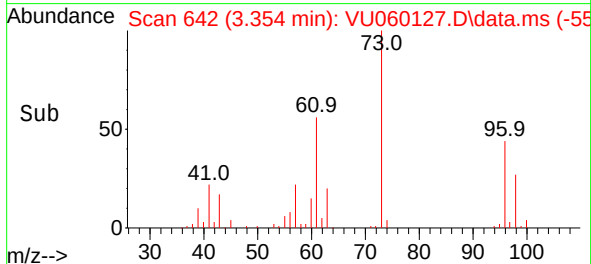
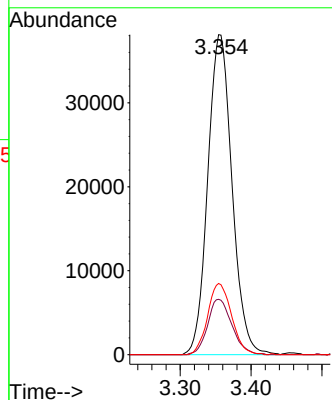
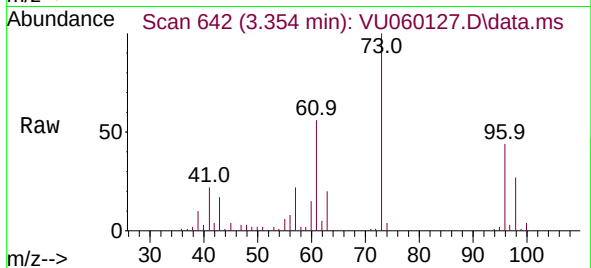




#17
Methyl tert-butyl Ether
Concen: 4.489 ug/L
RT: 3.354 min Scan# 641
Delta R.T. -0.003 min
Lab File: VU060127.D
Acq: 23 Jul 2024 21:15

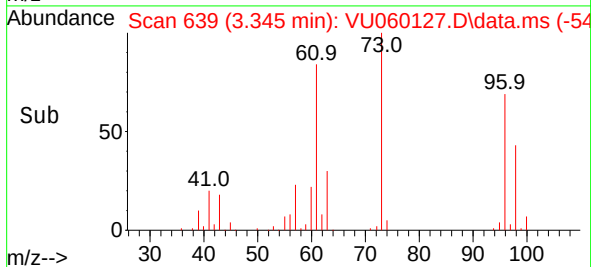
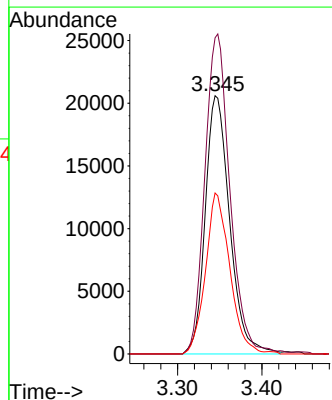
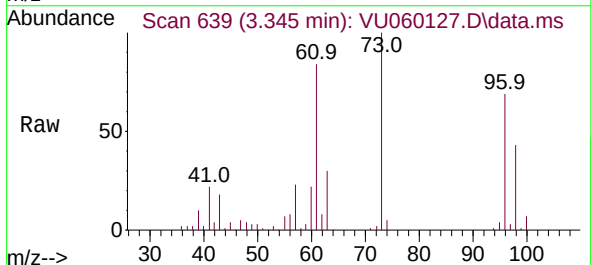
Instrument :
MSVOA_U
ClientSampleId :

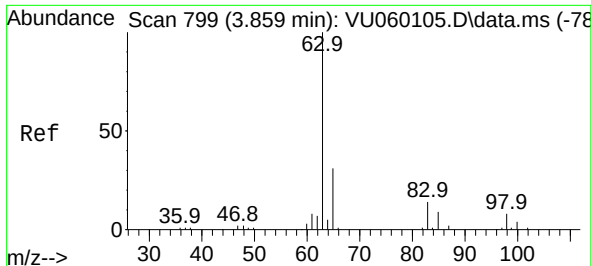
Tgt Ion: 73 Resp: 90674
Ion Ratio Lower Upper
73 100
43 17.3 13.1 19.7
57 21.9 17.0 25.4



#18
trans-1,2-Dichloroethene
Concen: 4.520 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.003 min
Lab File: VU060127.D
Acq: 23 Jul 2024 21:15

Tgt Ion: 96 Resp: 41648
Ion Ratio Lower Upper
96 100
61 122.4 91.6 170.0
98 62.3 47.7 88.5

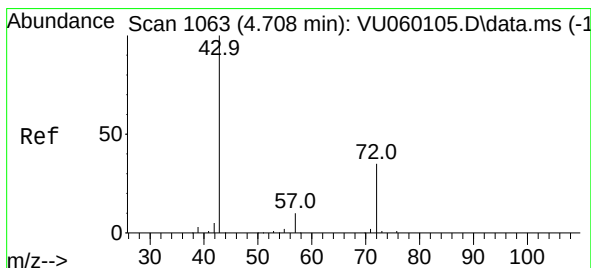
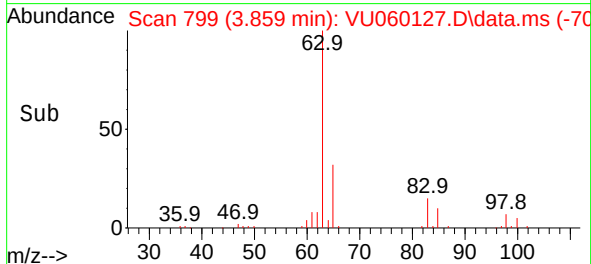
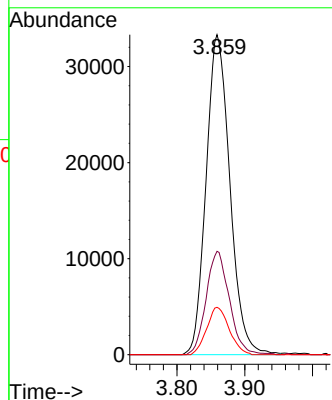
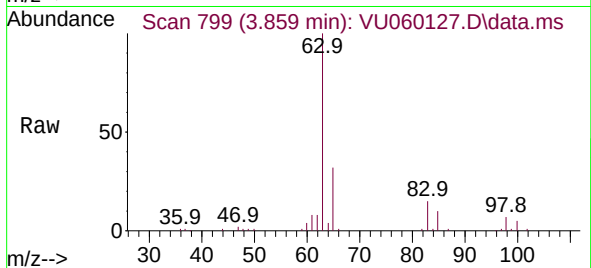




#19
1,1-Dichloroethane
Concen: 4.644 ug/L
RT: 3.859 min Scan# 799
Delta R.T. -0.000 min
Lab File: VU060127.D
Acq: 23 Jul 2024 21:15

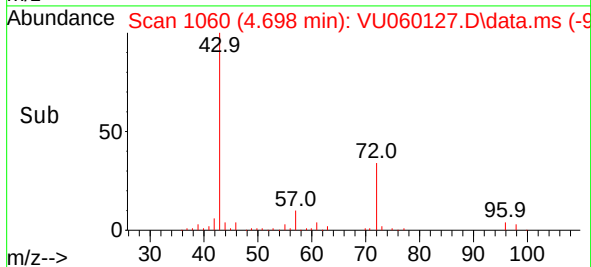
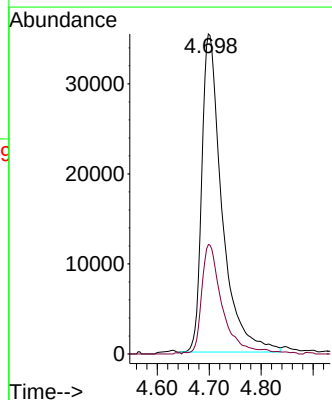
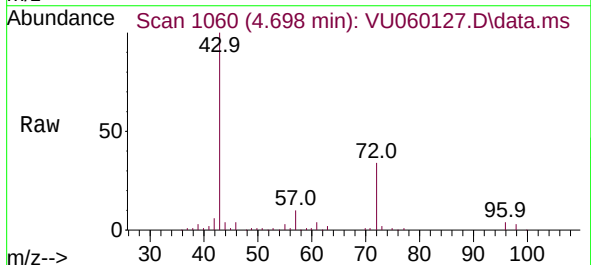
Instrument :
MSVOA_U
ClientSampleId :

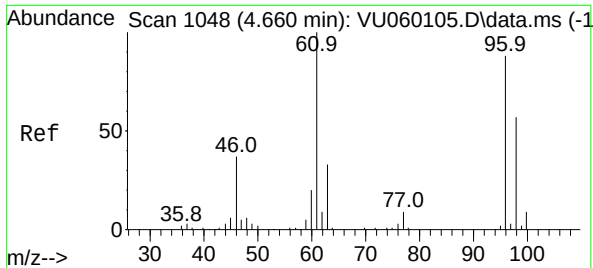
Tgt Ion:	63	Resp:	81237
Ion	Ratio	Lower	Upper
63	100		
65	32.3	22.0	40.8
83	14.8	9.7	17.9



#21
2-Butanone
Concen: 48.359 ug/L
RT: 4.698 min Scan# 1060
Delta R.T. -0.010 min
Lab File: VU060127.D
Acq: 23 Jul 2024 21:15

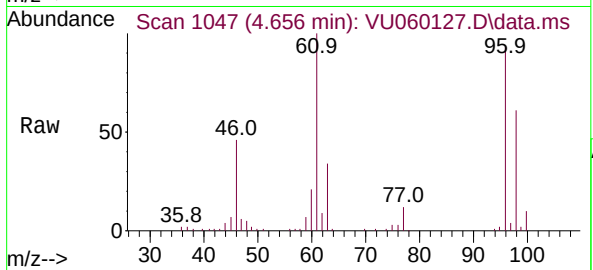
Tgt Ion:	43	Resp:	95586
Ion	Ratio	Lower	Upper
43	100		
72	33.1	16.3	48.9





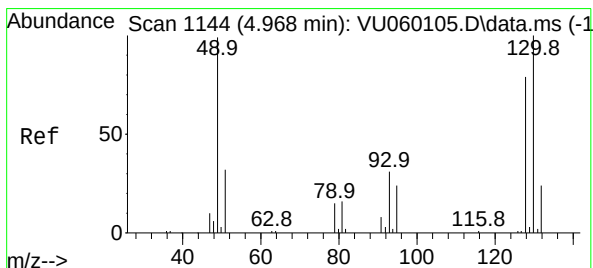
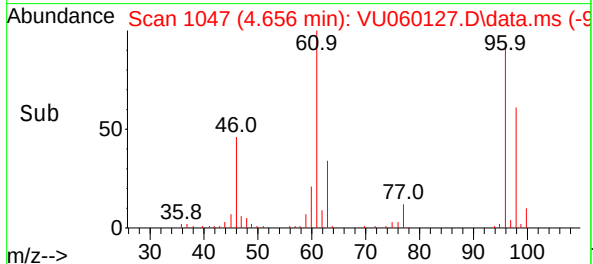
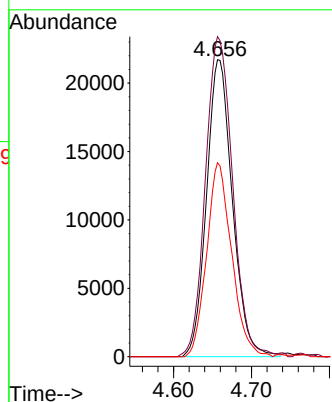
#22
cis-1,2-Dichloroethene
Concen: 4.862 ug/L
RT: 4.656 min Scan# 1047
Delta R.T. -0.003 min
Lab File: VU060127.D
Acq: 23 Jul 2024 21:15

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 96 Resp: 50174

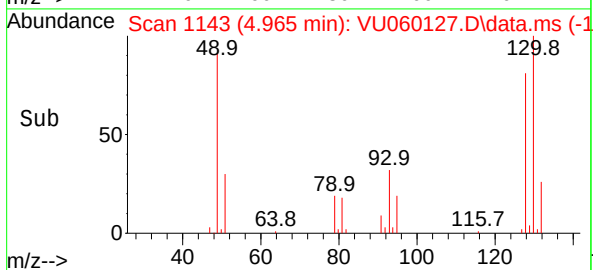
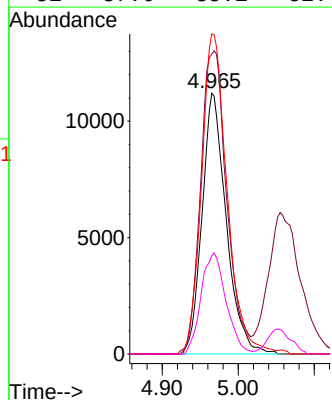
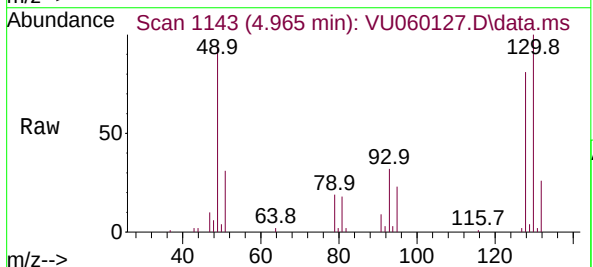
Ion	Ratio	Lower	Upper
96	100		
61	107.8	80.2	148.9
98	65.3	44.7	83.1

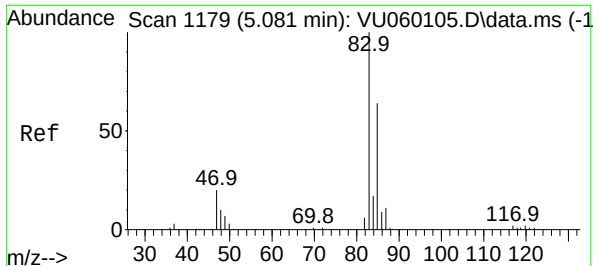


#23
Bromochloromethane
Concen: 4.930 ug/L
RT: 4.965 min Scan# 1143
Delta R.T. -0.003 min
Lab File: VU060127.D
Acq: 23 Jul 2024 21:15

Tgt Ion:128 Resp: 24726

Ion	Ratio	Lower	Upper
128	100		
49	115.0	92.3	171.3
130	122.8	87.1	161.7
51	37.6	35.1	52.7





#25

Chloroform

Concen: 4.562 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. -0.003 min

Lab File: VU060127.D

Acq: 23 Jul 2024 21:15

Instrument :

MSVOA_U

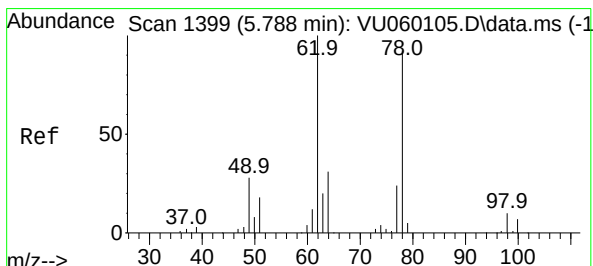
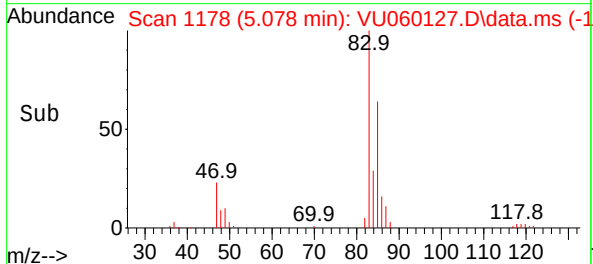
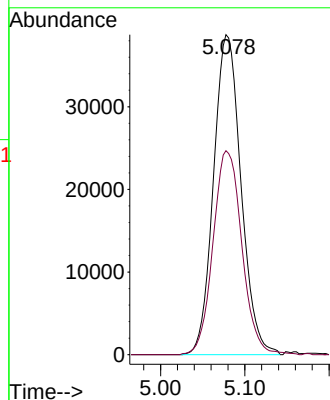
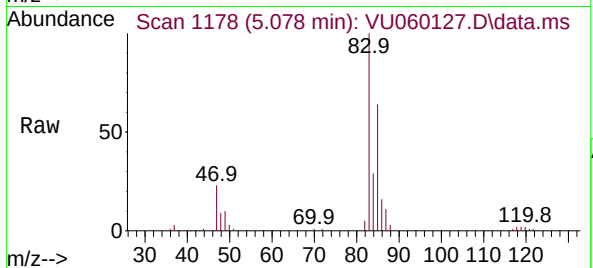
ClientSampleId :

Tgt Ion: 83 Resp: 87766

Ion Ratio Lower Upper

83 100

85 63.8 45.4 84.2



#27

1,2-Dichloroethane

Concen: 4.796 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. -0.000 min

Lab File: VU060127.D

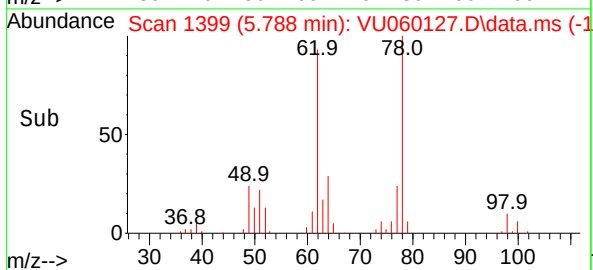
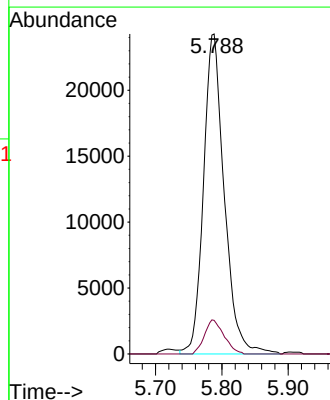
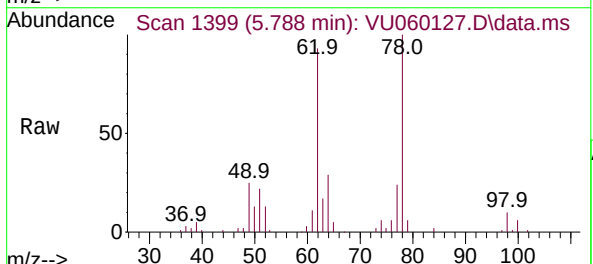
Acq: 23 Jul 2024 21:15

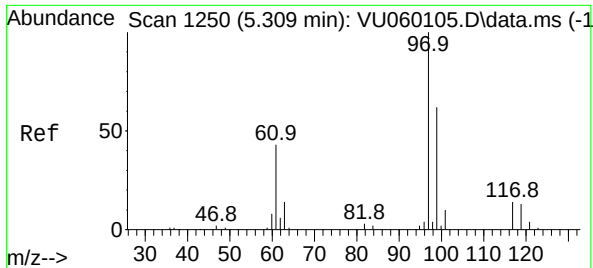
Tgt Ion: 62 Resp: 52747

Ion Ratio Lower Upper

62 100

98 10.5 7.9 11.9

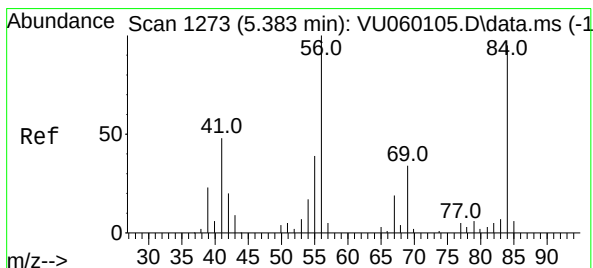
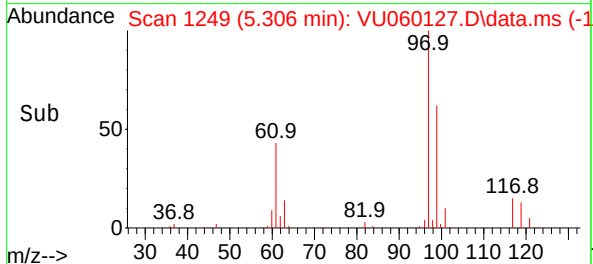
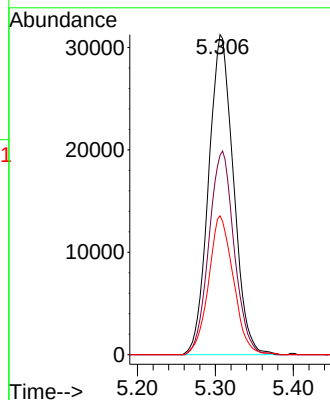
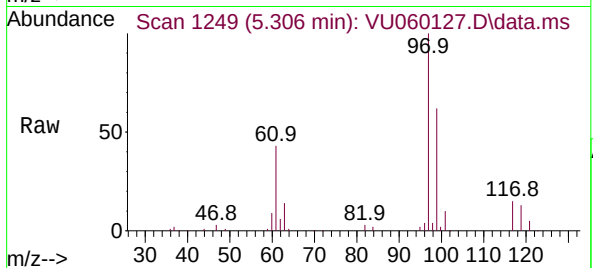




#29
1,1,1-Trichloroethane
Concen: 4.433 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.003 min
Lab File: VU060127.D
Acq: 23 Jul 2024 21:15

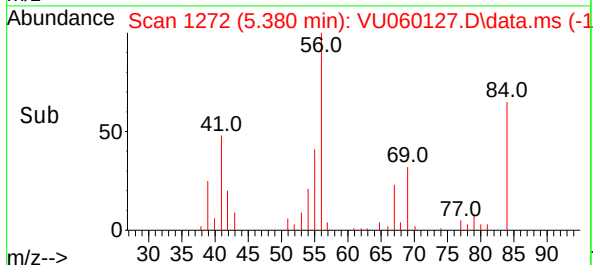
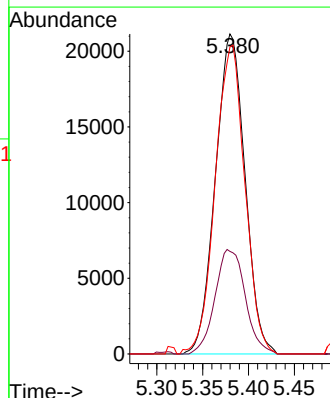
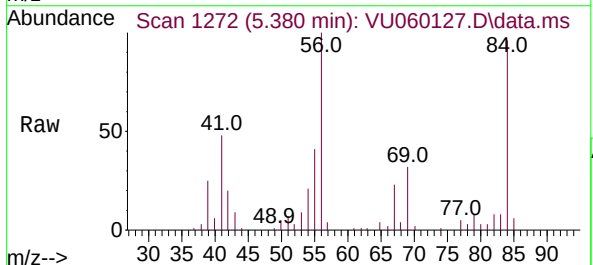
Instrument :
MSVOA_U
ClientSampleId :

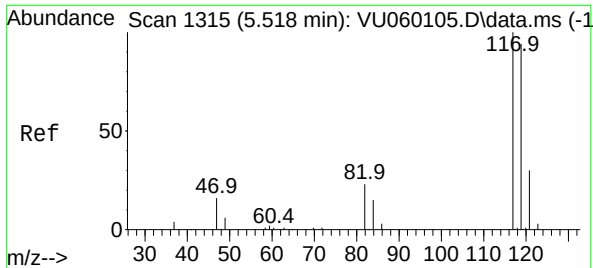
Tgt Ion: 97 Resp: 69217
Ion Ratio Lower Upper
97 100
99 64.6 51.0 76.4
61 43.4 34.1 51.1



#30
Cyclohexane
Concen: 3.834 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. -0.003 min
Lab File: VU060127.D
Acq: 23 Jul 2024 21:15

Tgt Ion: 56 Resp: 47344
Ion Ratio Lower Upper
56 100
69 33.4 26.6 39.8
84 96.9 77.2 115.8

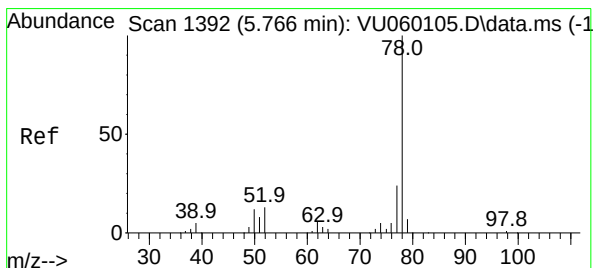
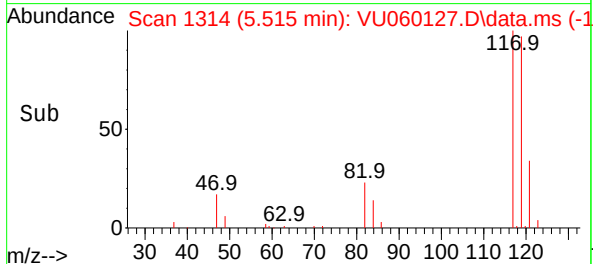
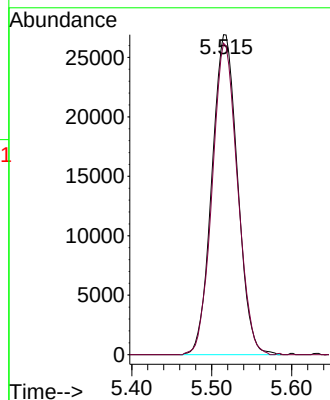
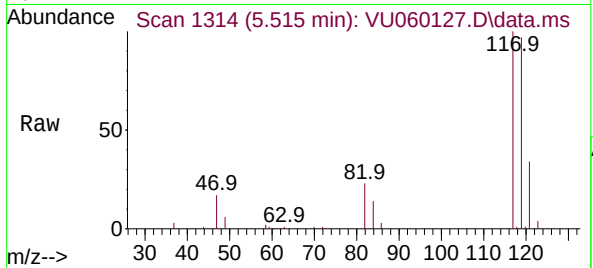




#31
Carbon tetrachloride
Concen: 4.450 ug/L
RT: 5.515 min Scan# 1315
Delta R.T. -0.003 min
Lab File: VU060127.D
Acq: 23 Jul 2024 21:15

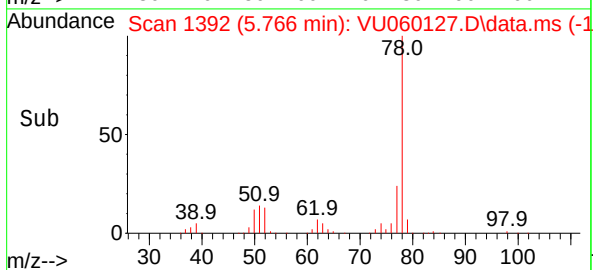
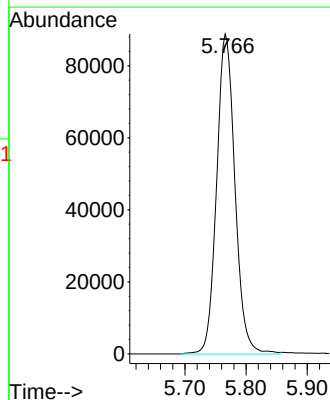
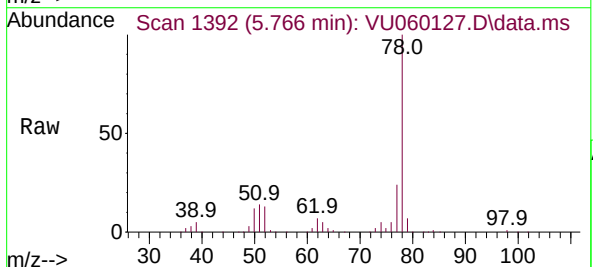
Instrument :
MSVOA_U
ClientSampleId :

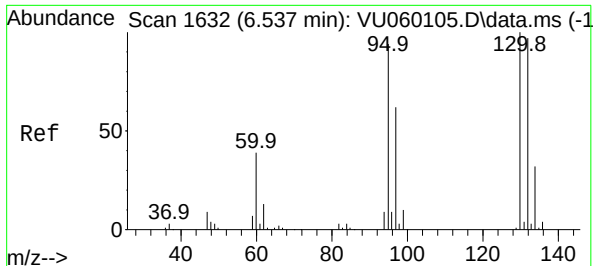
Tgt Ion:117 Resp: 59942
Ion Ratio Lower Upper
117 100
119 96.1 75.6 113.4



#33
Benzene
Concen: 4.482 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VU060127.D
Acq: 23 Jul 2024 21:15

Tgt Ion: 78 Resp: 185082





#34

Trichloroethene

Concen: 4.491 ug/L

RT: 6.537 min Scan# 1

Delta R.T. -0.000 min

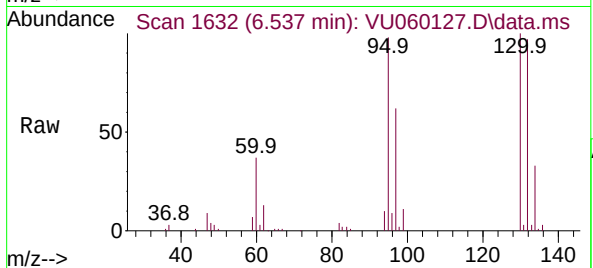
Lab File: VU060127.D

Acq: 23 Jul 2024 21:15

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 95 Resp: 49192

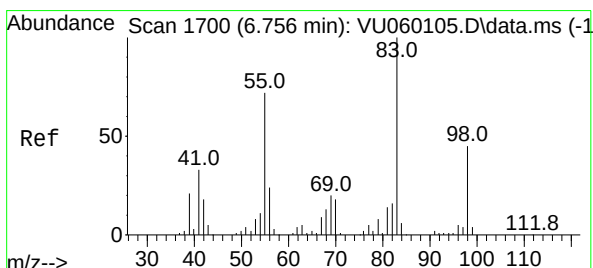
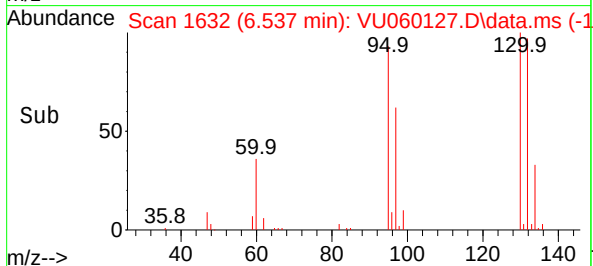
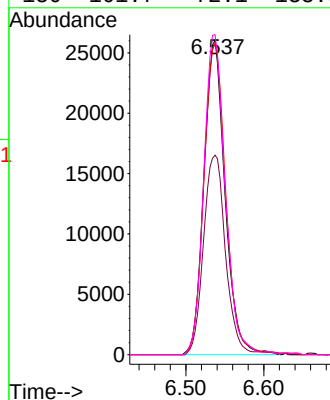
Ion Ratio Lower Upper

95 100

97 63.4 45.9 85.3

132 99.0 71.4 132.6

130 101.7 72.1 133.9



#35

Methylcyclohexane

Concen: 3.578 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VU060127.D

Acq: 23 Jul 2024 21:15

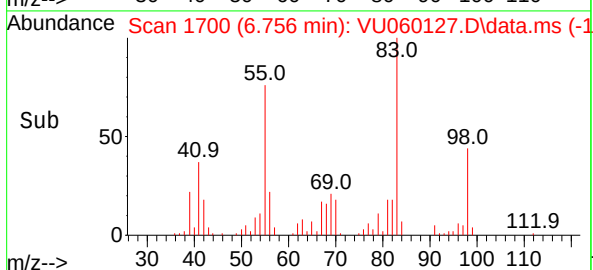
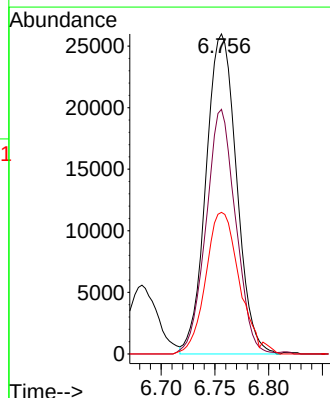
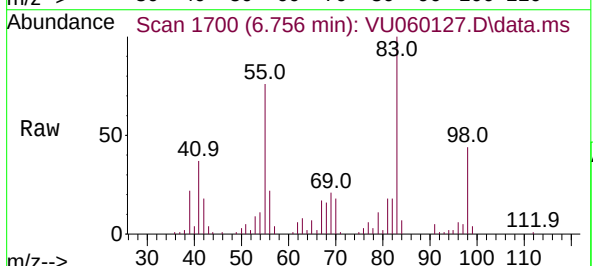
Tgt Ion: 83 Resp: 51369

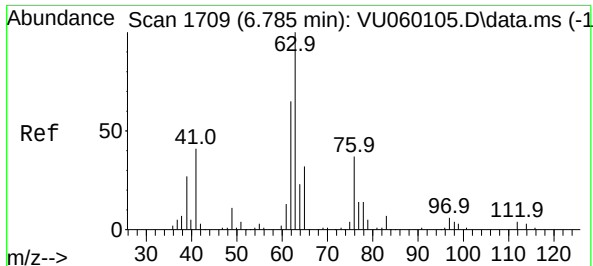
Ion Ratio Lower Upper

83 100

55 74.1 56.7 85.1

98 48.7 36.6 55.0

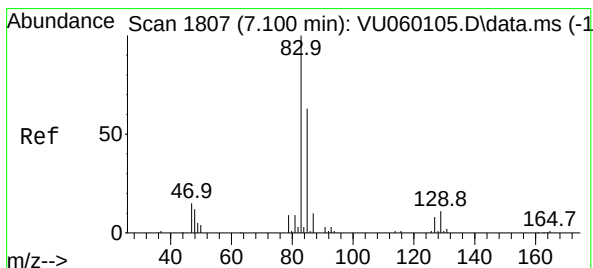
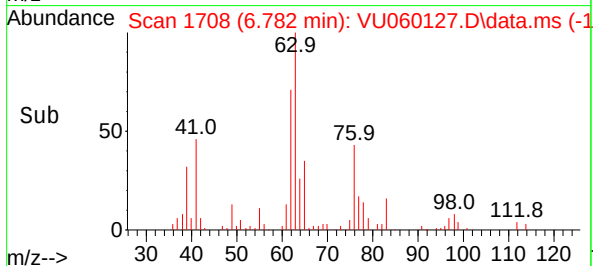
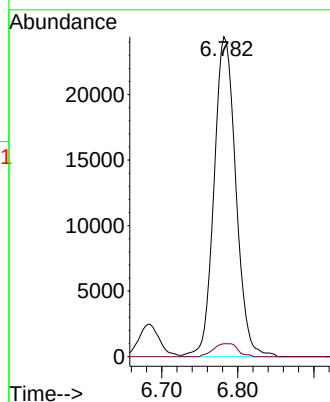
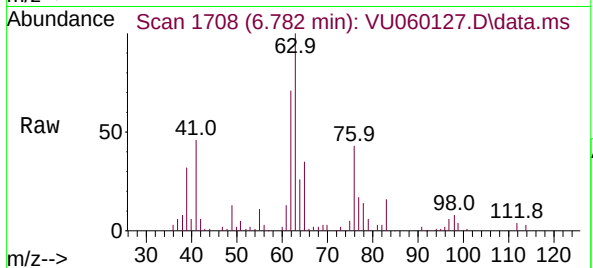




#37
1,2-Dichloropropane
Concen: 4.363 ug/L
RT: 6.782 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU060127.D
Acq: 23 Jul 2024 21:15

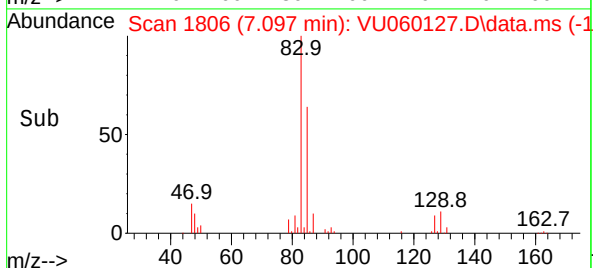
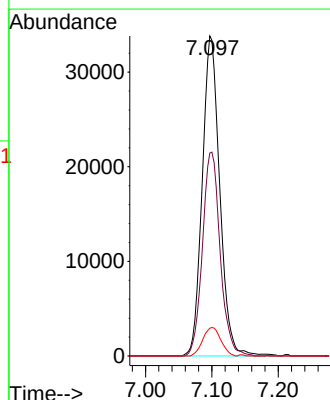
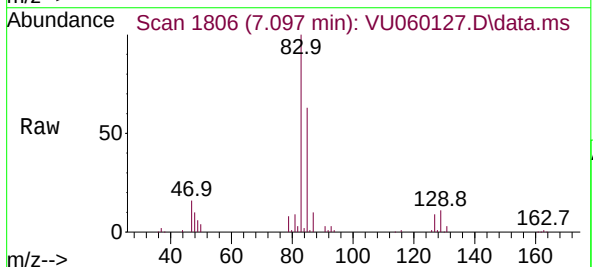
Instrument :
MSVOA_U
ClientSampleId :

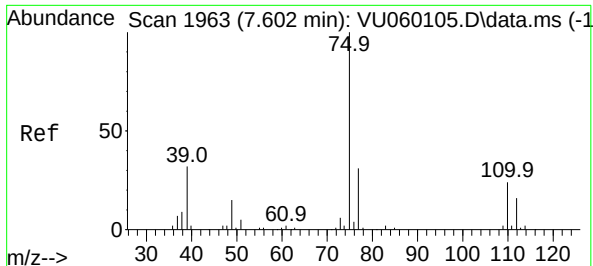
Tgt Ion: 63 Resp: 48682
Ion Ratio Lower Upper
63 100
112 4.5 3.3 4.9



#38
Bromodichloromethane
Concen: 4.437 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.003 min
Lab File: VU060127.D
Acq: 23 Jul 2024 21:15

Tgt Ion: 83 Resp: 62023
Ion Ratio Lower Upper
83 100
85 63.4 43.5 80.7
127 8.6 7.1 10.7

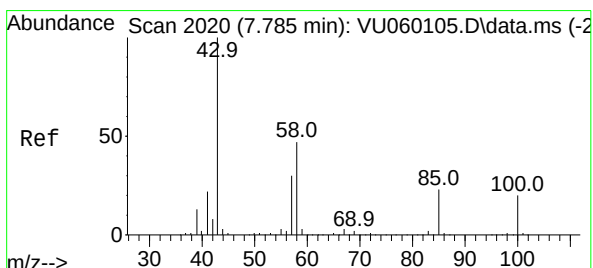
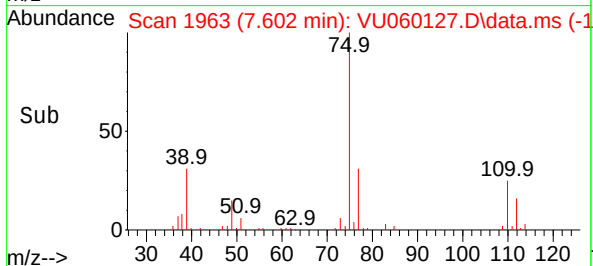
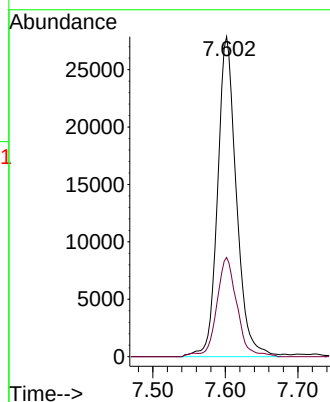
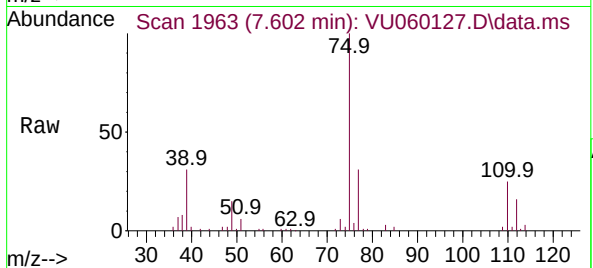




#39
 cis-1,3-Dichloropropene
 Concen: 3.440 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. -0.000 min
 Lab File: VU060127.D
 Acq: 23 Jul 2024 21:15

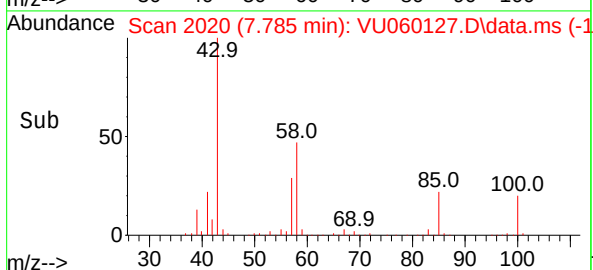
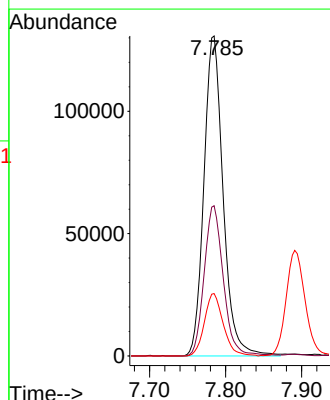
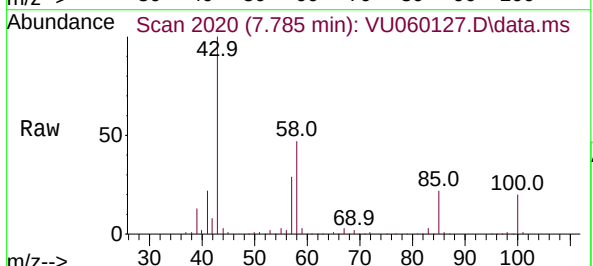
Instrument :
 MSVOA_U
 ClientSampleId :

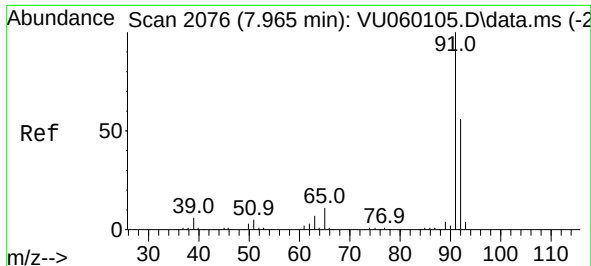
Tgt Ion: 75 Resp: 50154
 Ion Ratio Lower Upper
 75 100
 77 31.0 23.2 43.2



#40
 4-Methyl-2-pentanone
 Concen: 46.588 ug/L
 RT: 7.785 min Scan# 2020
 Delta R.T. -0.000 min
 Lab File: VU060127.D
 Acq: 23 Jul 2024 21:15

Tgt Ion: 43 Resp: 230003
 Ion Ratio Lower Upper
 43 100
 58 46.8 36.0 54.0
 100 19.1 14.9 22.3





#42

Toluene

Concen: 5.516 ug/L

RT: 7.962 min Scan# 2076

Delta R.T. -0.003 min

Lab File: VU060127.D

Acq: 23 Jul 2024 21:15

Instrument :

MSVOA_U

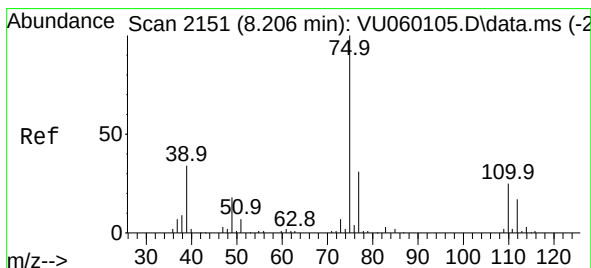
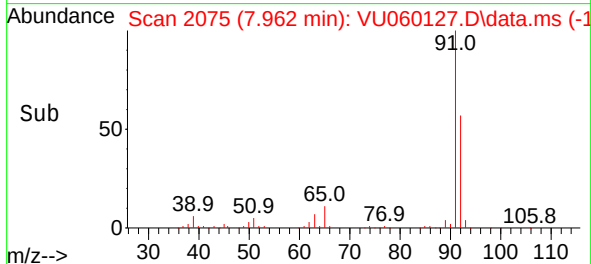
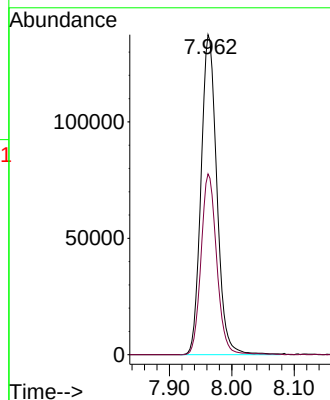
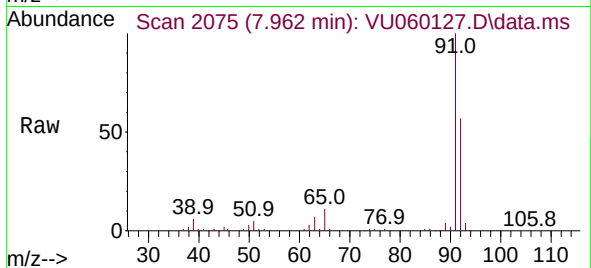
ClientSampleId :

Tgt Ion: 91 Resp: 242429

Ion Ratio Lower Upper

91 100

92 56.5 39.8 73.8



#44

trans-1,3-Dichloropropene

Concen: 3.402 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. -0.000 min

Lab File: VU060127.D

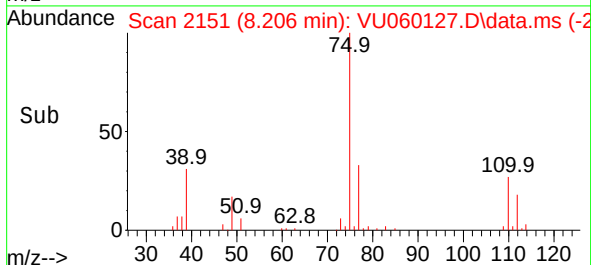
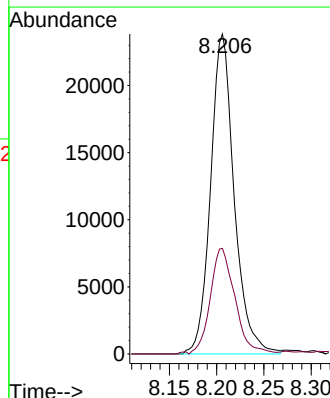
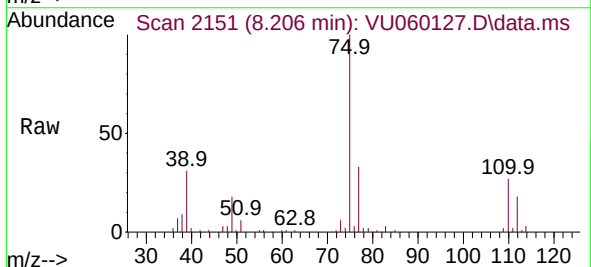
Acq: 23 Jul 2024 21:15

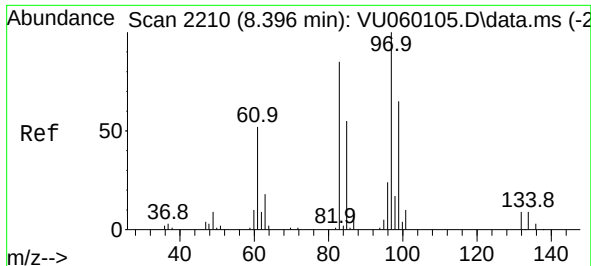
Tgt Ion: 75 Resp: 41439

Ion Ratio Lower Upper

75 100

77 33.0 22.6 42.0





#45

1,1,2-Trichloroethane

Concen: 4.877 ug/L

RT: 8.393 min Scan# 2210

Delta R.T. -0.003 min

Lab File: VU060127.D

Acq: 23 Jul 2024 21:15

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 41576

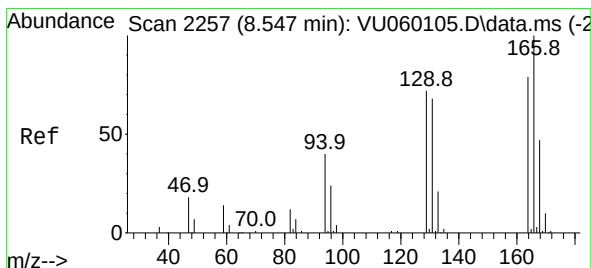
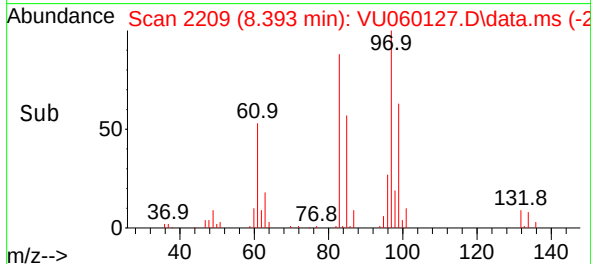
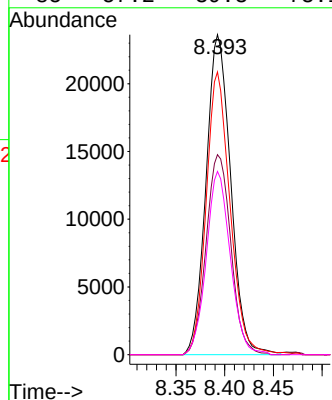
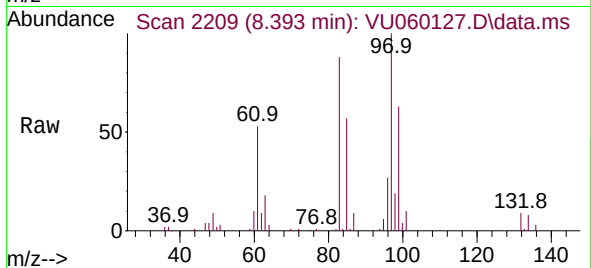
Ion Ratio Lower Upper

97 100

99 62.5 43.8 81.4

83 88.4 62.1 115.3

85 57.2 39.3 73.1



#47

Tetrachloroethene

Concen: 4.469 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.000 min

Lab File: VU060127.D

Acq: 23 Jul 2024 21:15

Tgt Ion:164 Resp: 40474

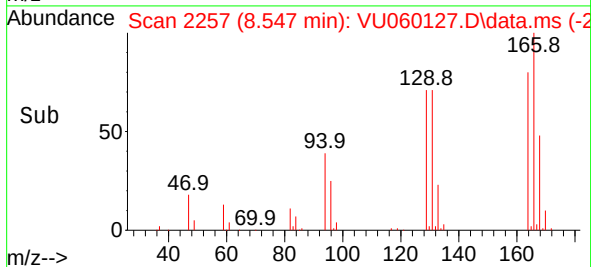
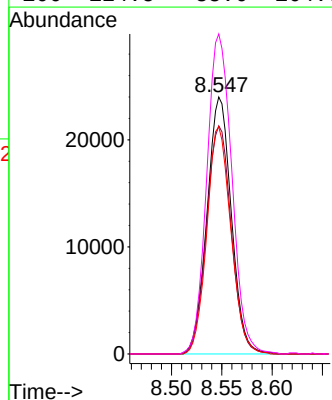
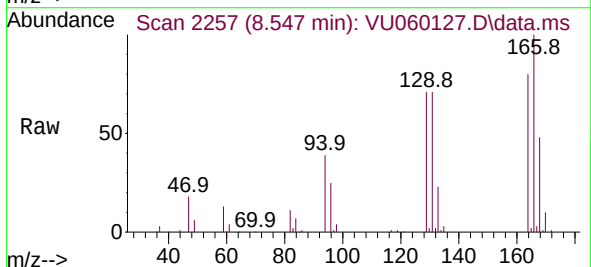
Ion Ratio Lower Upper

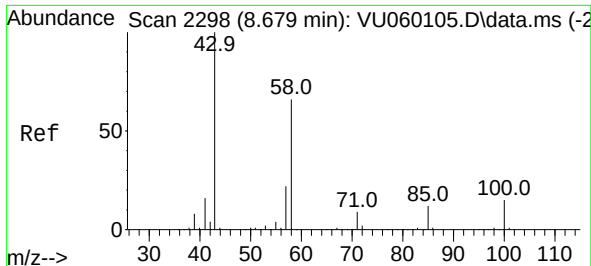
164 100

129 88.8 64.6 120.0

131 88.4 61.2 113.8

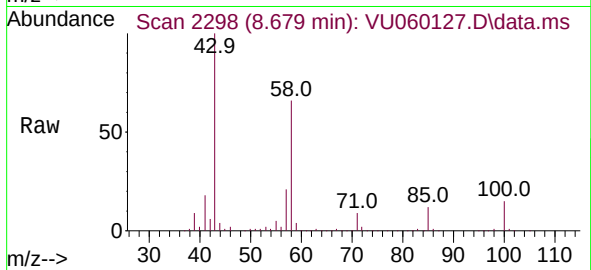
166 124.5 88.6 164.6



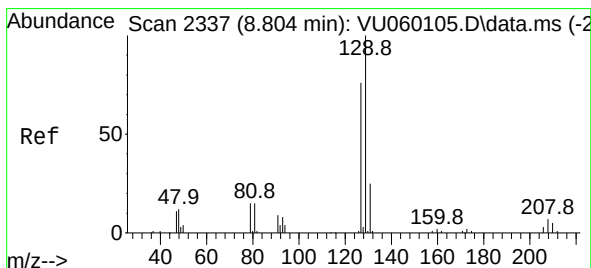
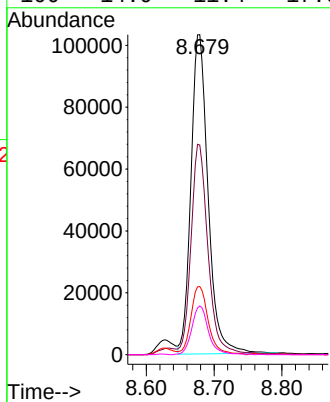
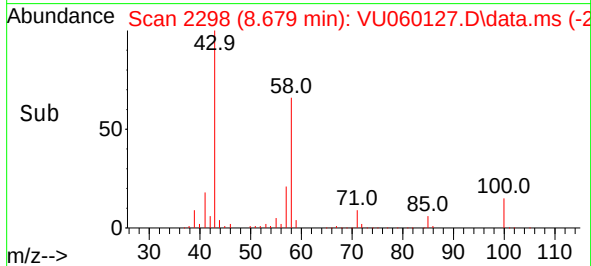


#48
2-Hexanone
Concen: 50.156 ug/L
RT: 8.679 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU060127.D
Acq: 23 Jul 2024 21:15

Instrument :
MSVOA_U
ClientSampleId :

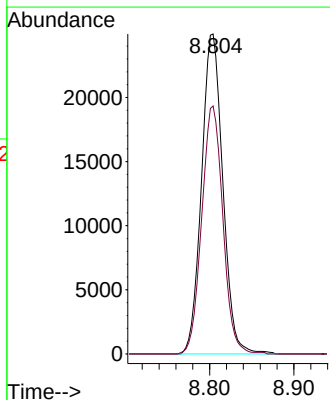
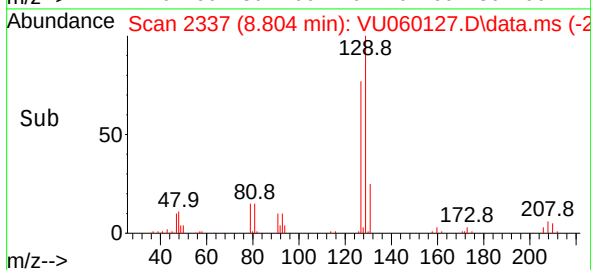
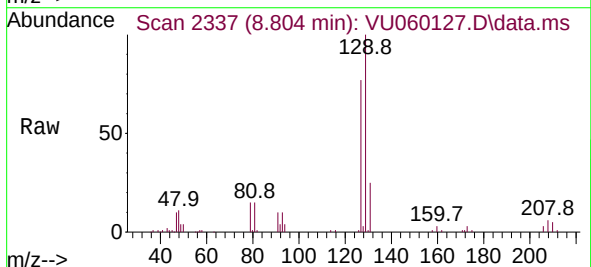


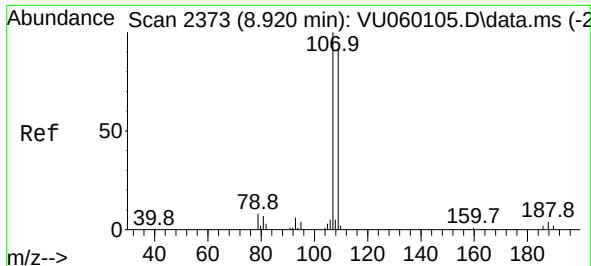
Tgt Ion: 43 Resp: 181305
Ion Ratio Lower Upper
43 100
58 64.7 52.6 78.8
57 21.8 17.8 26.8
100 14.9 11.4 17.0



#49
Dibromochloromethane
Concen: 4.651 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VU060127.D
Acq: 23 Jul 2024 21:15

Tgt Ion:129 Resp: 43867
Ion Ratio Lower Upper
129 100
127 77.5 54.6 101.4





#50

1,2-Dibromoethane

Concen: 4.781 ug/L

RT: 8.917 min Scan# 24

Delta R.T. -0.003 min

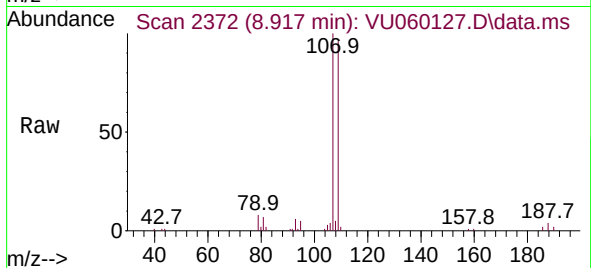
Lab File: VU060127.D

Acq: 23 Jul 2024 21:15

Instrument :

MSVOA_U

ClientSampleId :



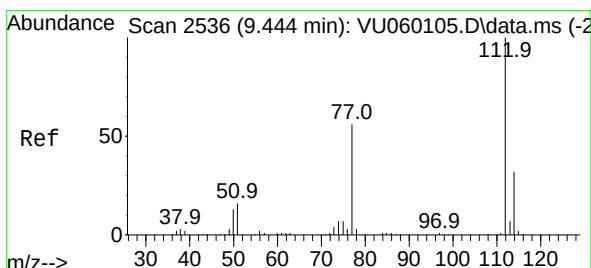
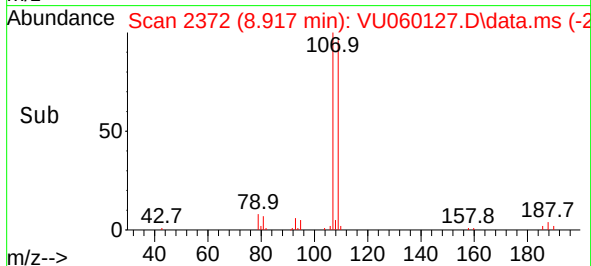
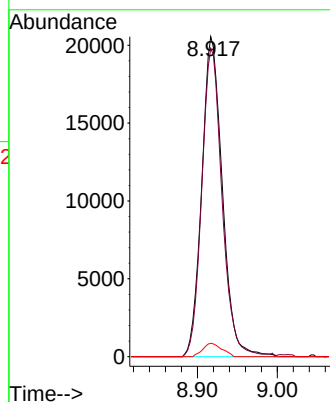
Tgt Ion:107 Resp: 36853

Ion Ratio Lower Upper

107 100

109 96.4 64.0 118.8

188 4.2 3.0 4.6



#51

Chlorobenzene

Concen: 4.494 ug/L

RT: 9.441 min Scan# 2535

Delta R.T. -0.003 min

Lab File: VU060127.D

Acq: 23 Jul 2024 21:15

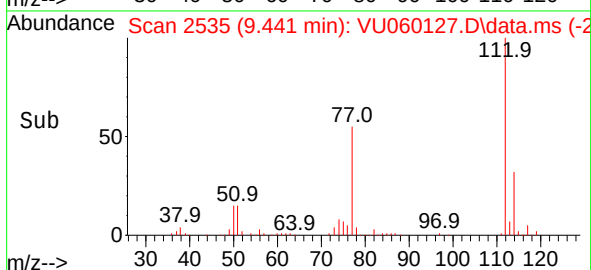
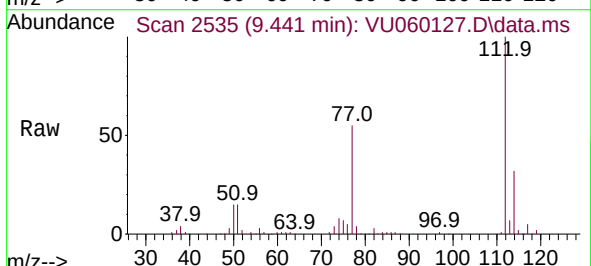
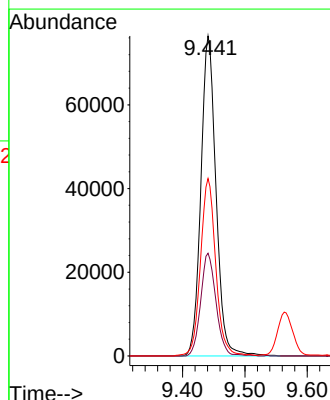
Tgt Ion:112 Resp: 129031

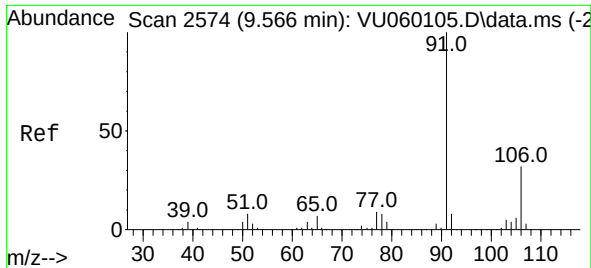
Ion Ratio Lower Upper

112 100

114 32.1 22.1 41.1

77 55.4 44.7 67.1

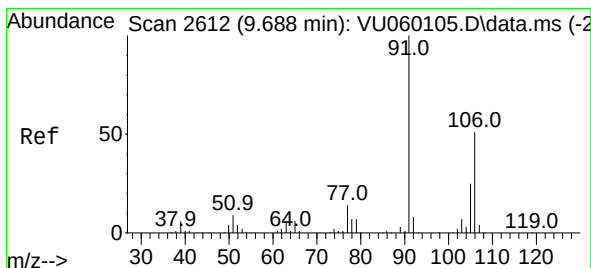
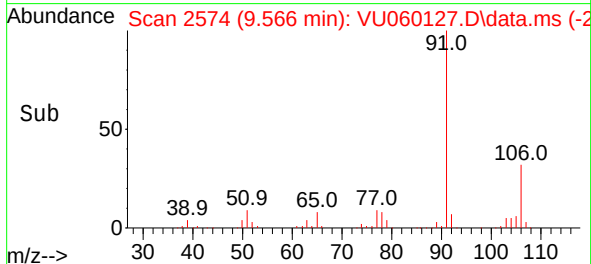
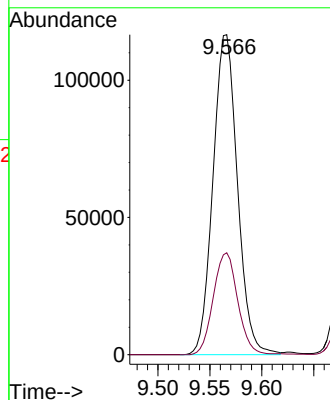
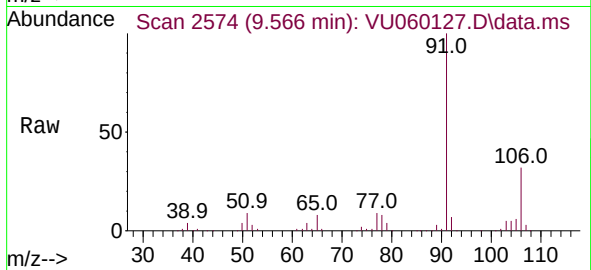




#52
Ethylbenzene
Concen: 4.361 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. -0.000 min
Lab File: VU060127.D
Acq: 23 Jul 2024 21:15

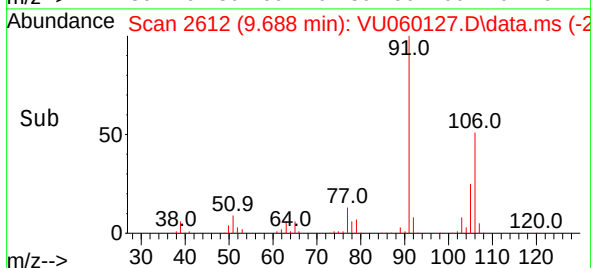
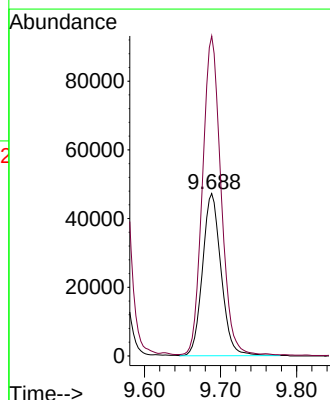
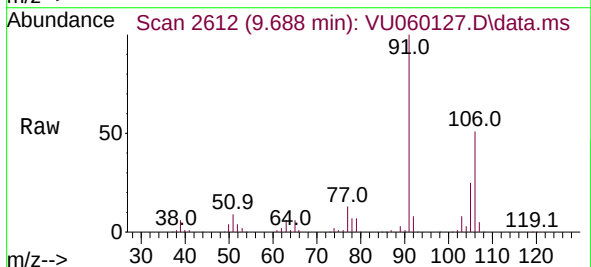
Instrument :
MSVOA_U
ClientSampleId :

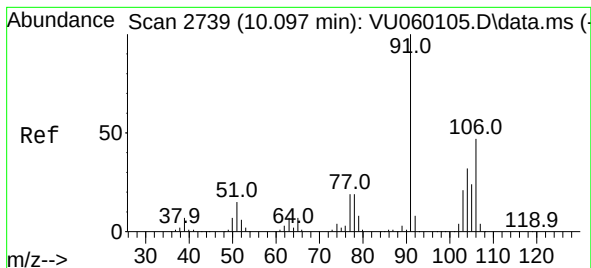
Tgt Ion: 91 Resp: 191152
Ion Ratio Lower Upper
91 100
106 31.9 21.9 40.7



#53
m,p-Xylene
Concen: 4.716 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. -0.000 min
Lab File: VU060127.D
Acq: 23 Jul 2024 21:15

Tgt Ion: 106 Resp: 79855
Ion Ratio Lower Upper
106 100
91 197.0 141.3 262.5





#54

o-Xylene

Concen: 4.539 ug/L

RT: 10.093 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU060127.D

Acq: 23 Jul 2024 21:15

Instrument :

MSVOA_U

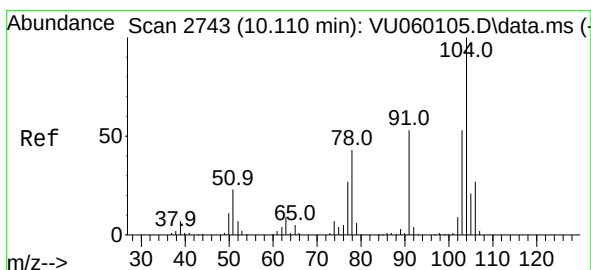
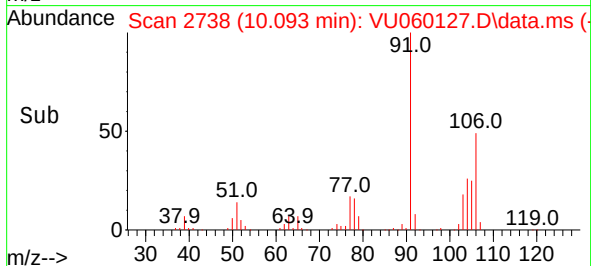
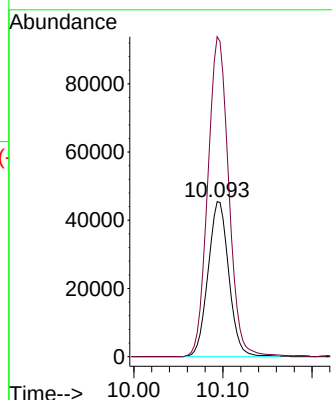
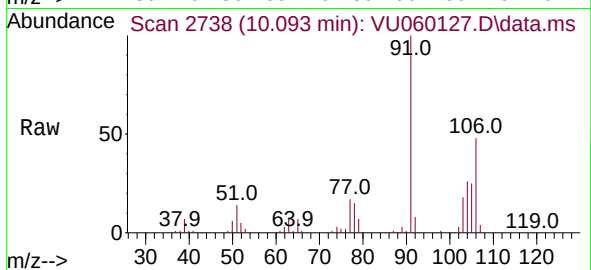
ClientSampleId :

Tgt Ion:106 Resp: 73492

Ion Ratio Lower Upper

106 100

91 206.4 143.6 266.6



#55

Styrene

Concen: 4.458 ug/L

RT: 10.110 min Scan# 2743

Delta R.T. -0.000 min

Lab File: VU060127.D

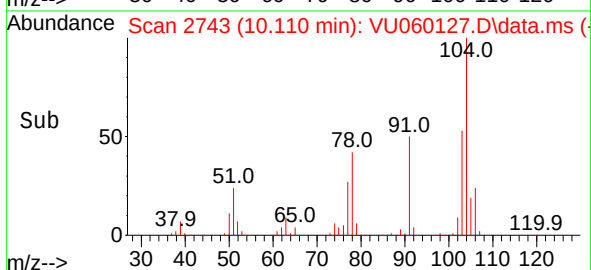
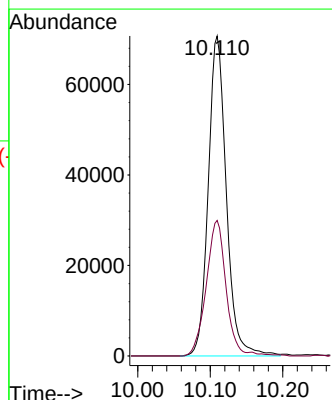
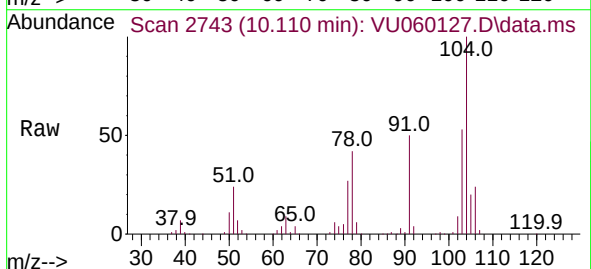
Acq: 23 Jul 2024 21:15

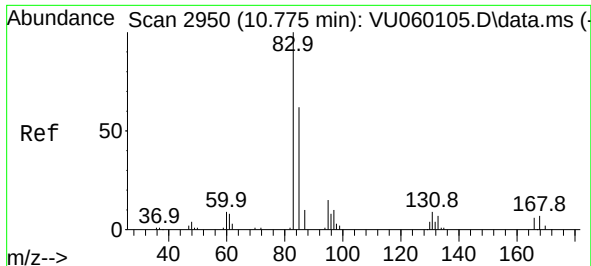
Tgt Ion:104 Resp: 122870

Ion Ratio Lower Upper

104 100

78 42.3 31.4 58.4





#57

1,1,2,2-Tetrachloroethane

Concen: 4.736 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU060127.D

Acq: 23 Jul 2024 21:15

Instrument :

MSVOA_U

ClientSampleId :

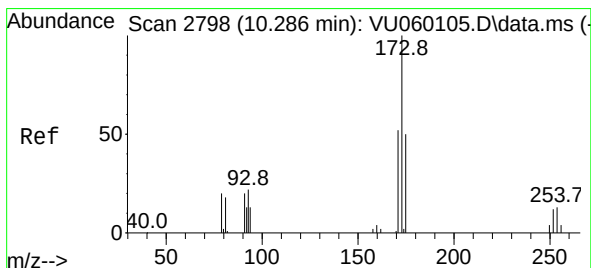
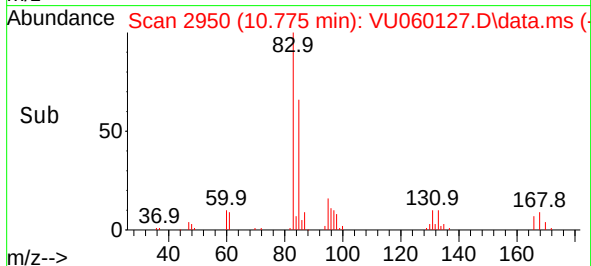
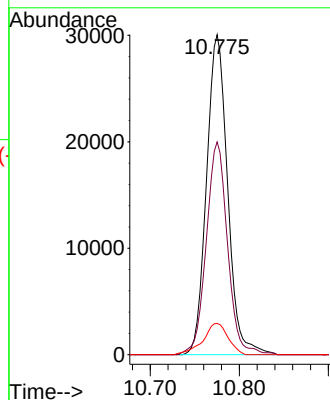
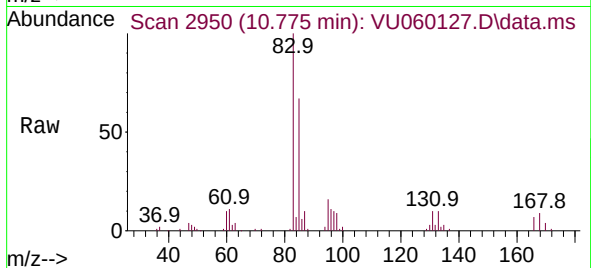
Tgt Ion: 83 Resp: 49398

Ion Ratio Lower Upper

83 100

85 66.5 46.8 87.0

131 9.7 7.8 11.6



#59

Bromoform

Concen: 4.604 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. -0.003 min

Lab File: VU060127.D

Acq: 23 Jul 2024 21:15

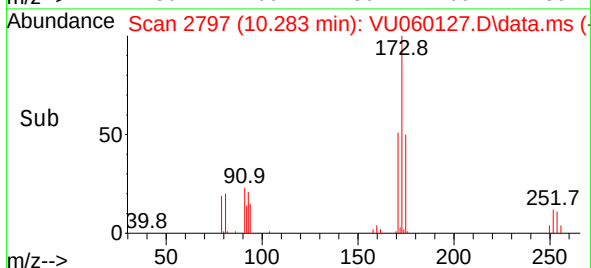
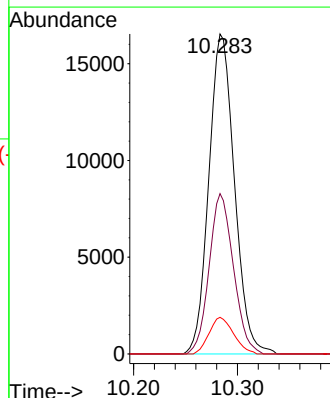
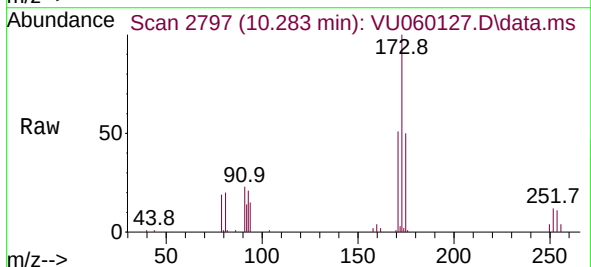
Tgt Ion:173 Resp: 28296

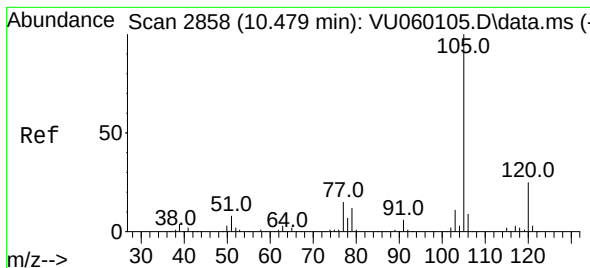
Ion Ratio Lower Upper

173 100

175 47.4 38.7 58.1

254 10.9 9.0 13.4





#60

Isopropylbenzene

Concen: 4.206 ug/L

RT: 10.479 min Scan# 2858

Delta R.T. -0.000 min

Lab File: VU060127.D

Acq: 23 Jul 2024 21:15

Instrument :

MSVOA_U

ClientSampleId :

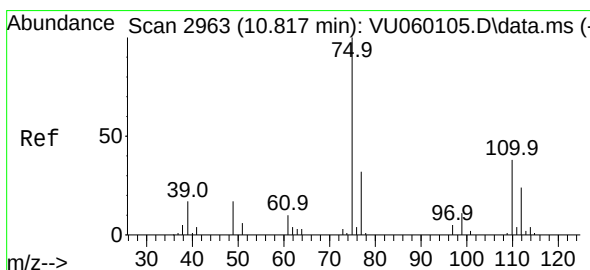
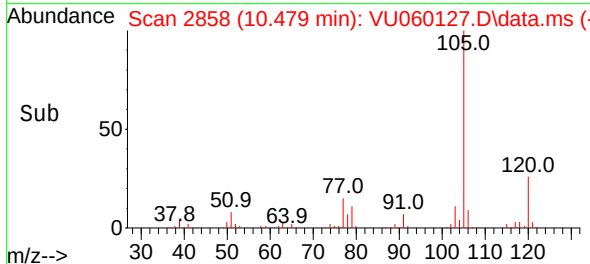
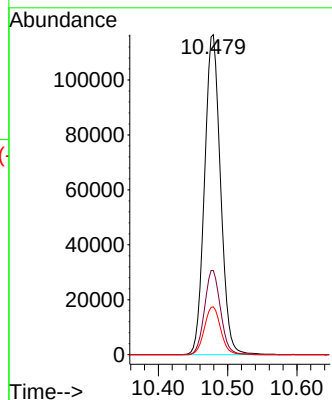
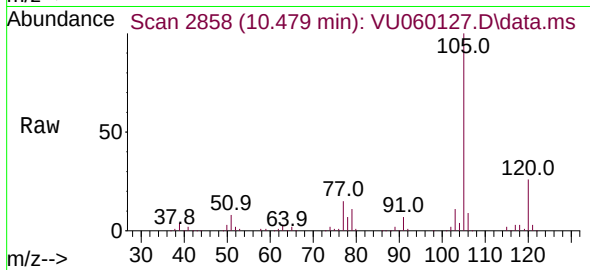
Tgt Ion:105 Resp: 186031

Ion Ratio Lower Upper

105 100

120 26.4 21.9 32.9

77 15.4 12.1 18.1



#61

1,2,3-Trichloropropane

Concen: 4.765 ug/L

RT: 10.817 min Scan# 2963

Delta R.T. -0.000 min

Lab File: VU060127.D

Acq: 23 Jul 2024 21:15

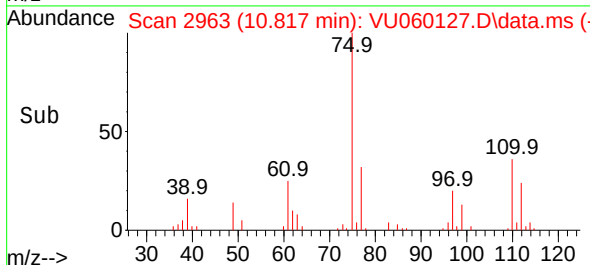
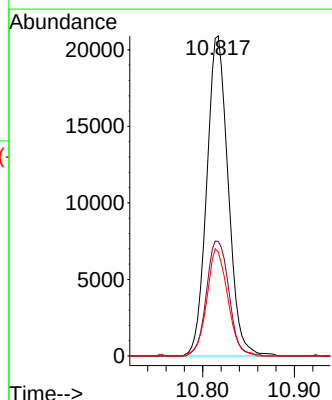
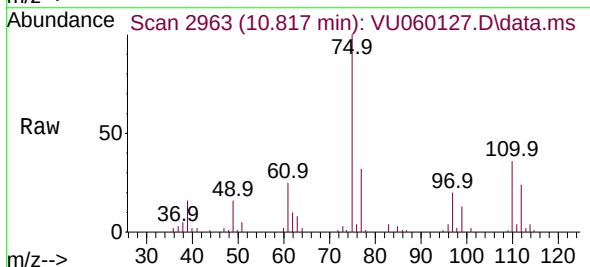
Tgt Ion: 75 Resp: 33978

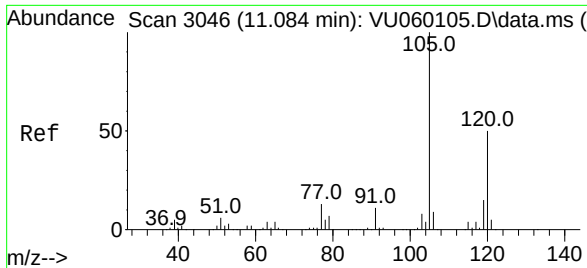
Ion Ratio Lower Upper

75 100

110 37.5 30.8 46.2

77 32.9 26.2 39.2





#62

1,3,5-Trimethylbenzene

Concen: 3.985 ug/L

RT: 11.084 min Scan# 3046

Delta R.T. -0.000 min

Lab File: VU060127.D

Acq: 23 Jul 2024 21:15

Instrument :

MSVOA_U

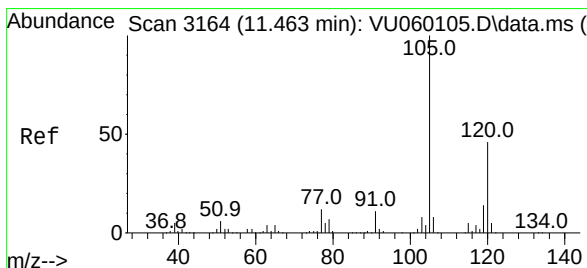
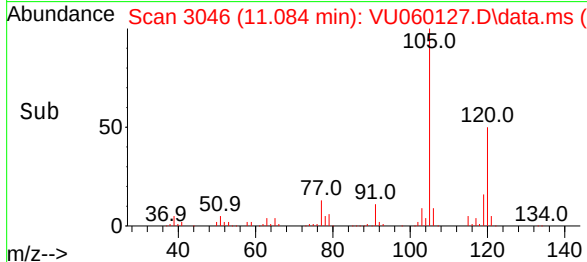
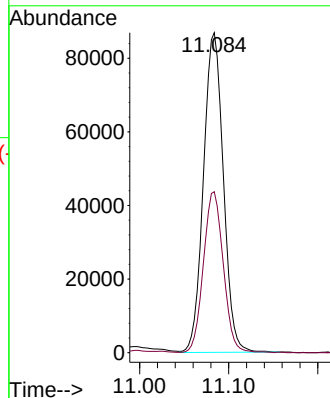
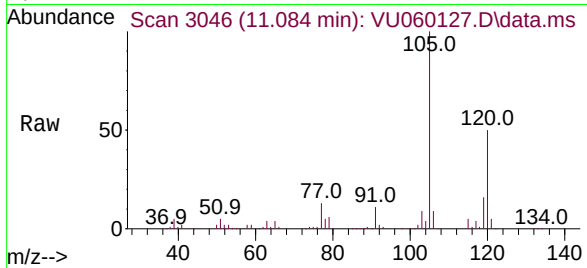
ClientSampleId :

Tgt Ion:105 Resp: 134695

Ion Ratio Lower Upper

105 100

120 50.4 39.4 59.2



#63

1,2,4-Trimethylbenzene

Concen: 4.210 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. -0.000 min

Lab File: VU060127.D

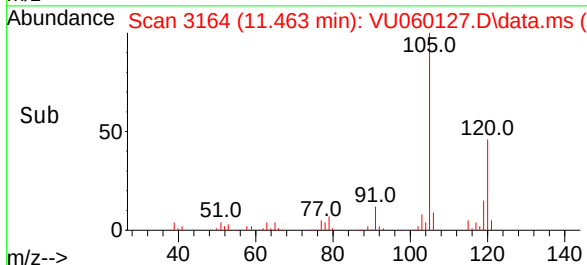
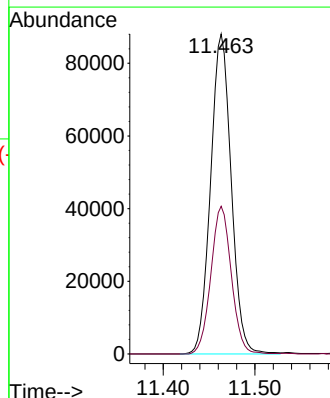
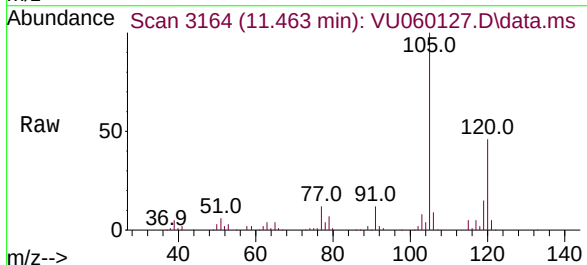
Acq: 23 Jul 2024 21:15

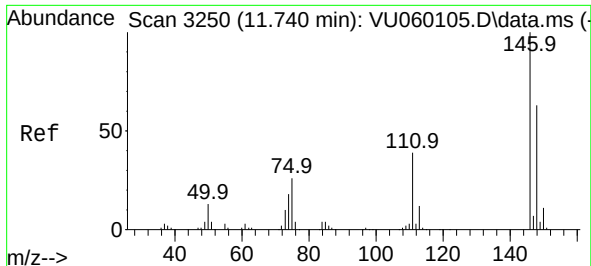
Tgt Ion:105 Resp: 137499

Ion Ratio Lower Upper

105 100

120 45.7 36.7 55.1

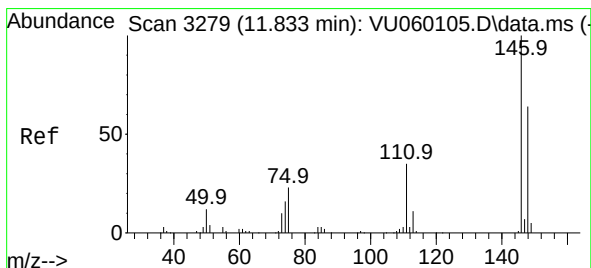
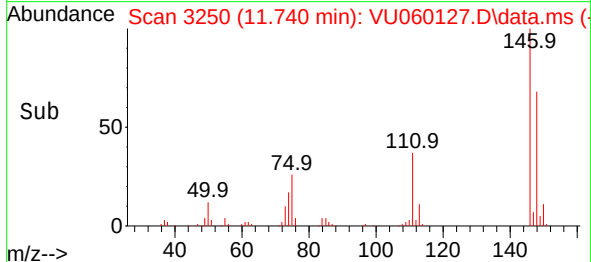
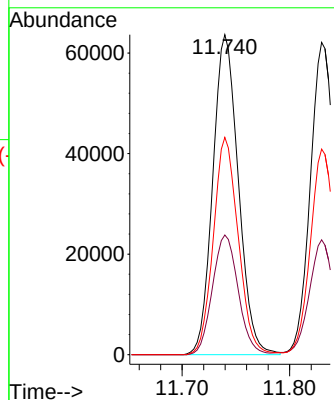
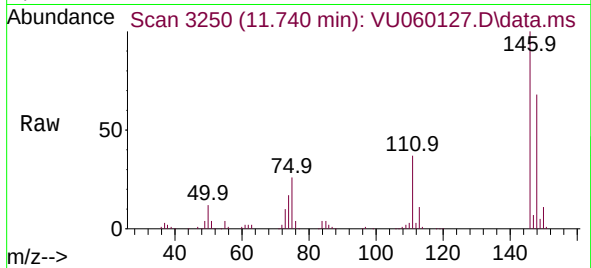




#64
1,3-Dichlorobenzene
Concen: 4.413 ug/L
RT: 11.740 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU060127.D
Acq: 23 Jul 2024 21:15

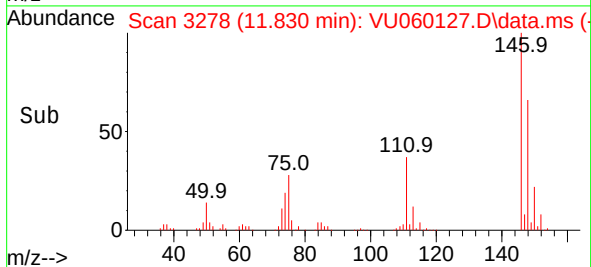
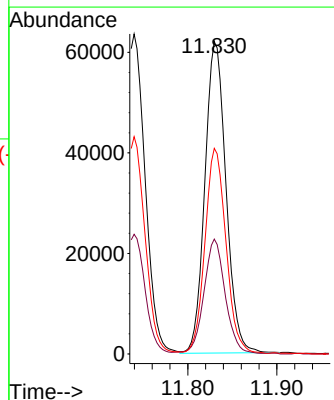
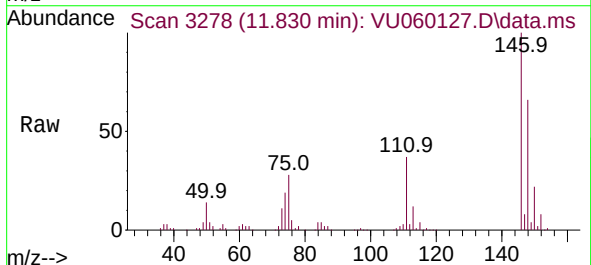
Instrument :
MSVOA_U
ClientSampleId :

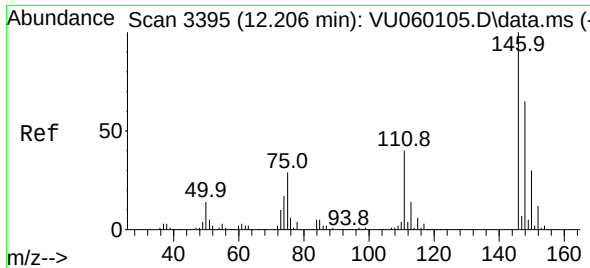
Tgt Ion:146 Resp: 105044
Ion Ratio Lower Upper
146 100
111 37.4 27.2 50.4
148 67.9 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 4.205 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. -0.003 min
Lab File: VU060127.D
Acq: 23 Jul 2024 21:15

Tgt Ion:146 Resp: 101882
Ion Ratio Lower Upper
146 100
111 36.8 26.5 49.1
148 65.8 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 4.465 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. -0.000 min

Lab File: VU060127.D

Acq: 23 Jul 2024 21:15

Instrument :

MSVOA_U

ClientSampleId :

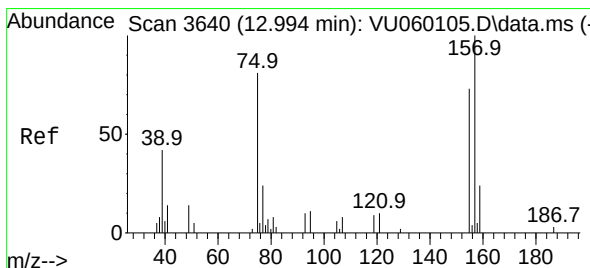
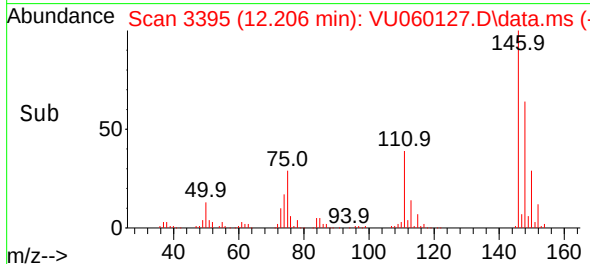
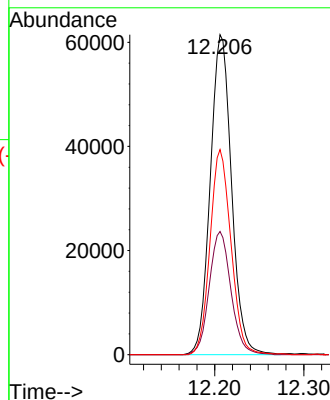
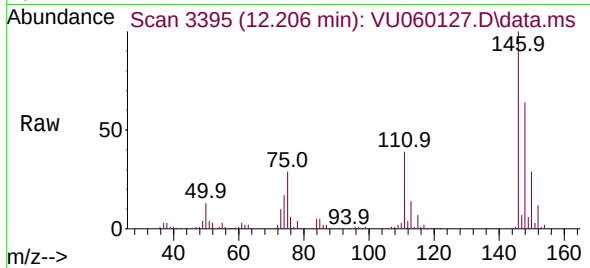
Tgt Ion:146 Resp: 101733

Ion Ratio Lower Upper

146 100

111 38.5 30.9 46.3

148 64.1 49.8 74.8



#68

1,2-Dibromo-3-chloropropane

Concen: 4.943 ug/L

RT: 12.990 min Scan# 3639

Delta R.T. -0.003 min

Lab File: VU060127.D

Acq: 23 Jul 2024 21:15

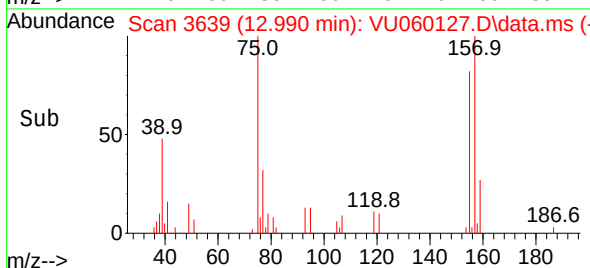
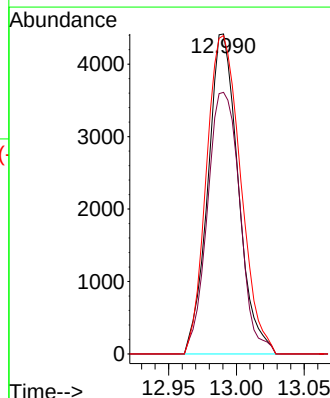
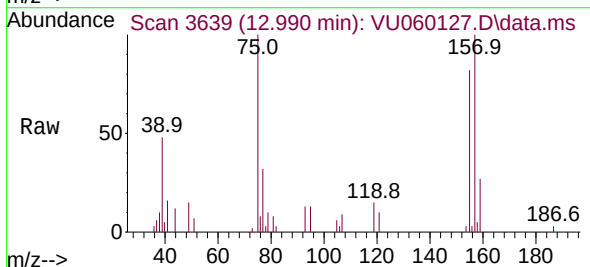
Tgt Ion: 75 Resp: 6869

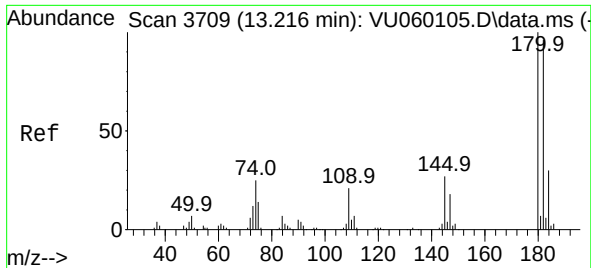
Ion Ratio Lower Upper

75 100

155 81.8 70.6 105.8

157 99.5 99.4 149.2





#69

1,3,5-Trichlorobenzene

Concen: 3.950 ug/L

RT: 13.212 min Scan# 3709

Delta R.T. -0.003 min

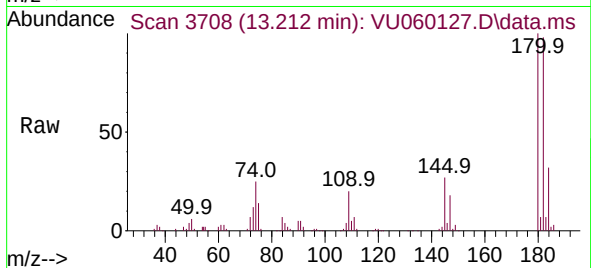
Lab File: VU060127.D

Acq: 23 Jul 2024 21:15

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 70962

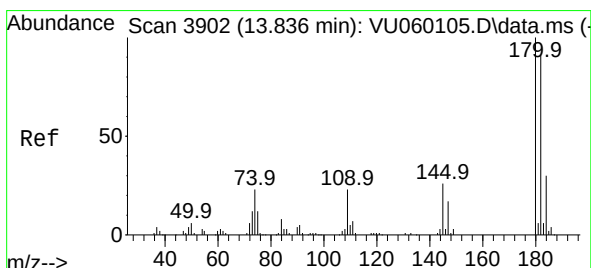
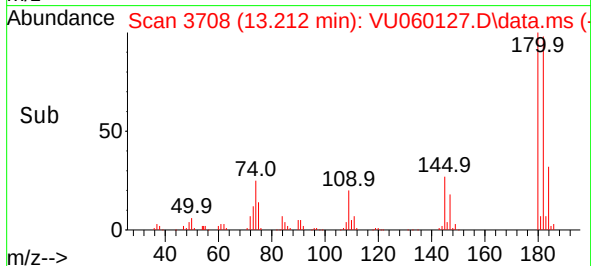
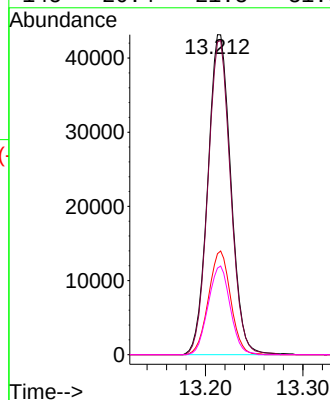
Ion Ratio Lower Upper

180 100

182 96.4 74.6 111.8

184 31.1 23.1 34.7

145 26.4 21.3 31.9



#70

1,2,4-trichlorobenzene

Concen: 4.113 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. -0.000 min

Lab File: VU060127.D

Acq: 23 Jul 2024 21:15

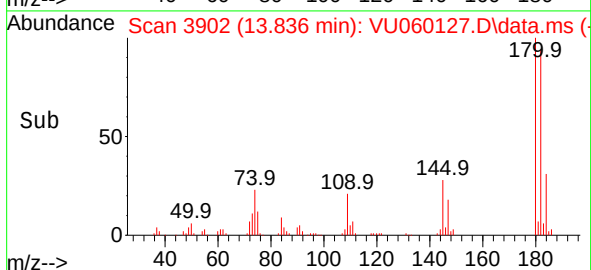
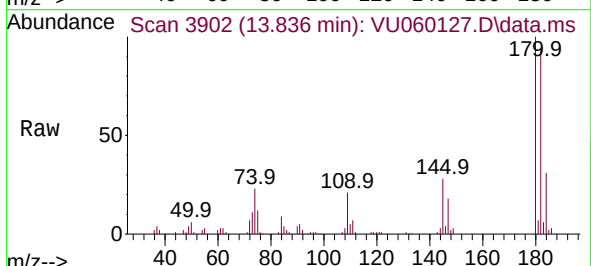
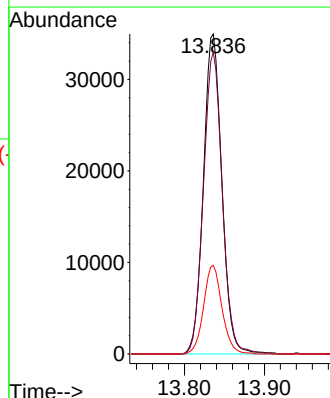
Tgt Ion:180 Resp: 56227

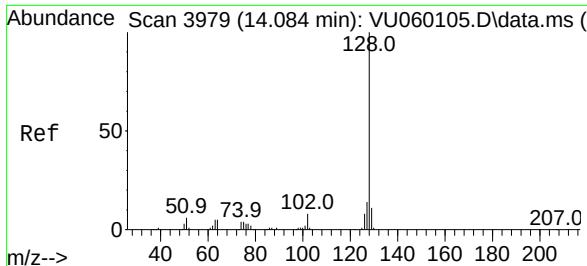
Ion Ratio Lower Upper

180 100

182 96.2 77.2 115.8

145 27.6 23.0 34.4

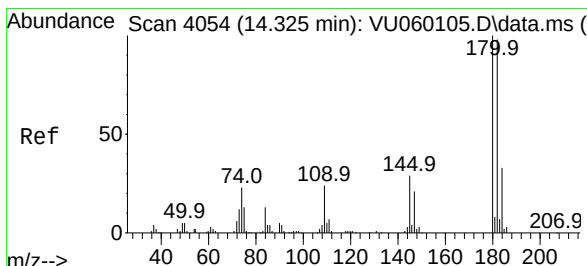
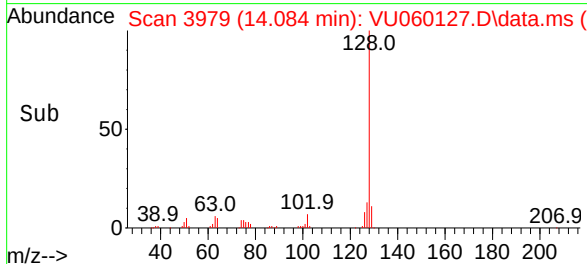
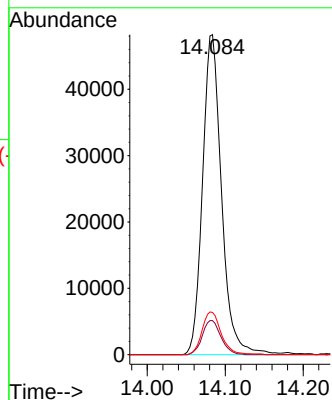
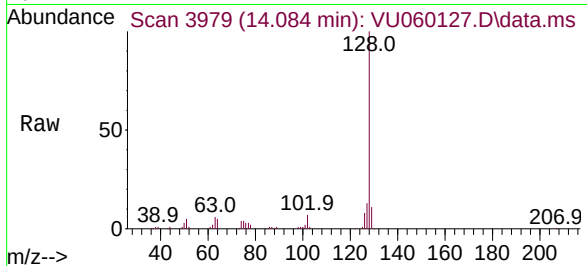




#71
Naphthalene
Concen: 4.215 ug/L
RT: 14.084 min Scan# 3979
Delta R.T. -0.000 min
Lab File: VU060127.D
Acq: 23 Jul 2024 21:15

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 81645
Ion Ratio Lower Upper
128 100
129 10.5 8.2 12.4
127 13.6 10.6 16.0



#72
1,2,3-Trichlorobenzene
Concen: 4.236 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. -0.000 min
Lab File: VU060127.D
Acq: 23 Jul 2024 21:15

Tgt Ion:180 Resp: 52078
Ion Ratio Lower Upper
180 100
182 97.3 76.3 114.5
145 29.9 23.9 35.9

