

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 :
 YDZH7MS

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

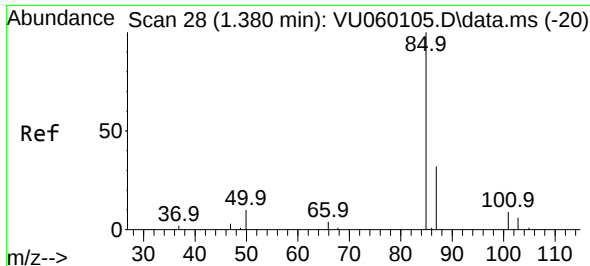
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072324\
 Data File : VU060127.D
 Acq On : 23 Jul 2024 21:15
 Operator : MD/SY
 Sample : P3280-09MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YDZH7MS

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)
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

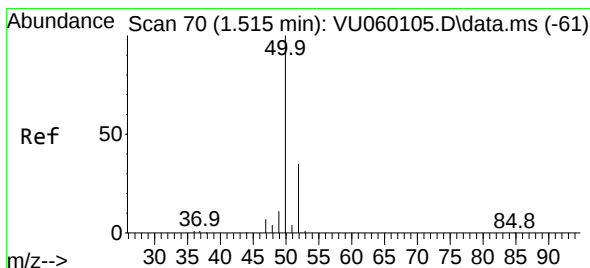
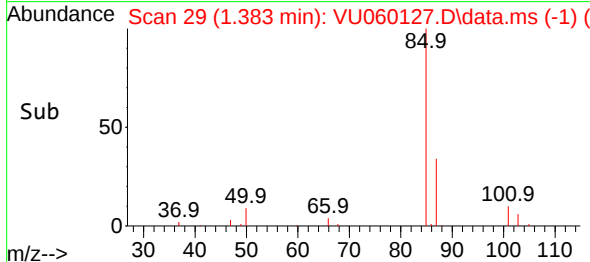
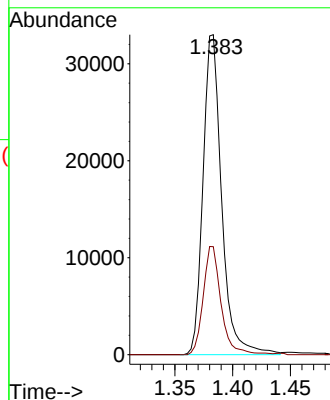
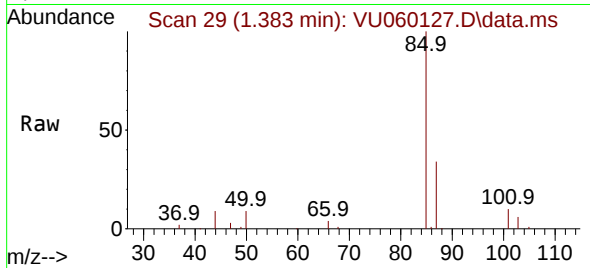
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 4.230 ug/L
RT: 1.383 min Scan# 29
Delta R.T. 0.003 min
Lab File: VU060127.D
Acq: 23 Jul 2024 21:15

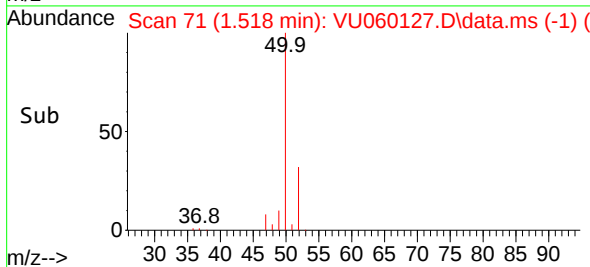
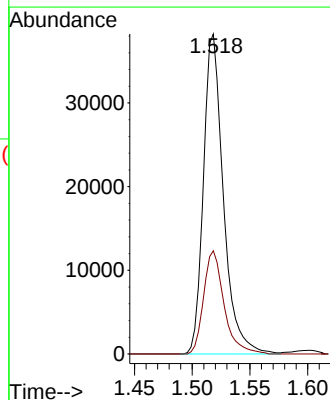
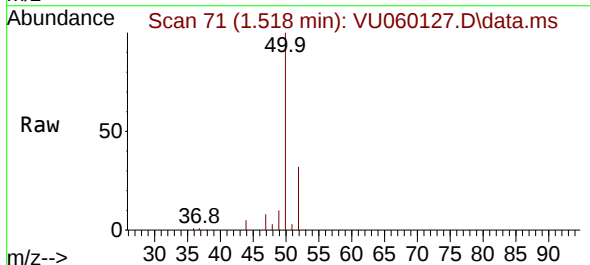
Instrument :
MSVOA_U
ClientSampleId :
YDZH7MS

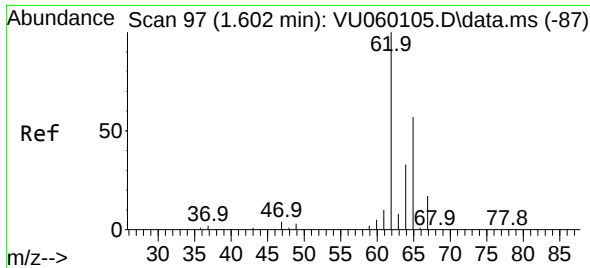
Tgt Ion: 85 Resp: 37115
Ion Ratio Lower Upper
85 100
87 32.5 26.1 39.1



#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

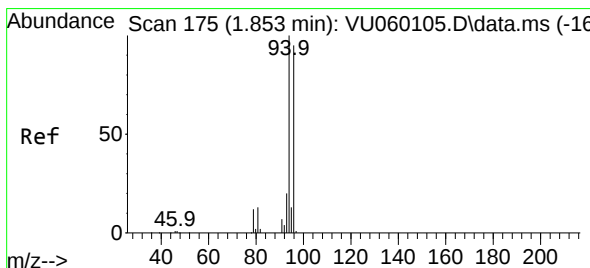
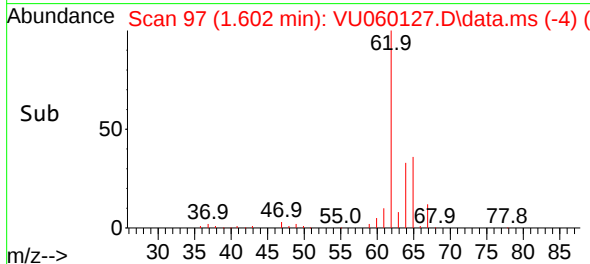
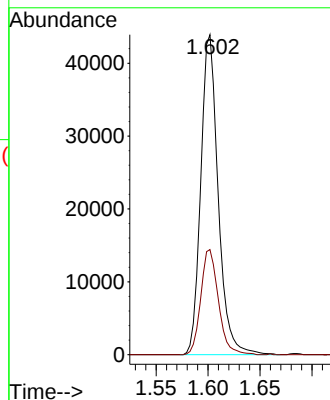
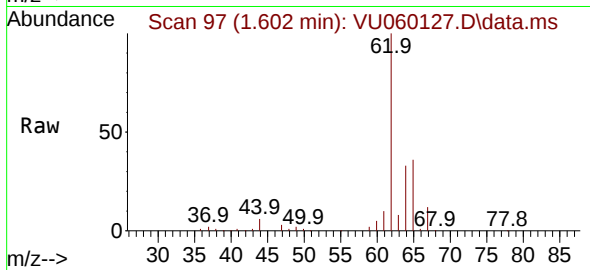




#5
 Vinyl chloride
 Concen: 4.313 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VU060127.D
 Acq: 23 Jul 2024 21:15

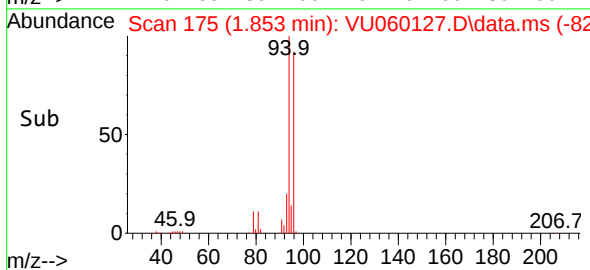
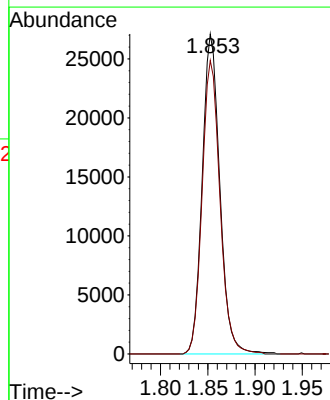
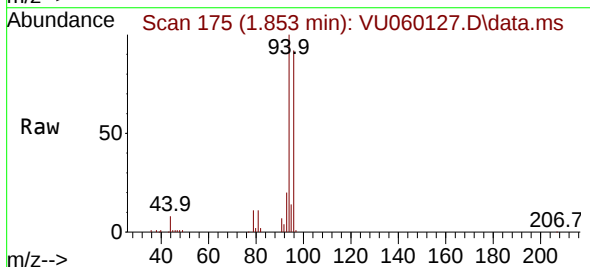
Instrument :
 MSVOA_U
 ClientSampleId :
 YDZH7MS

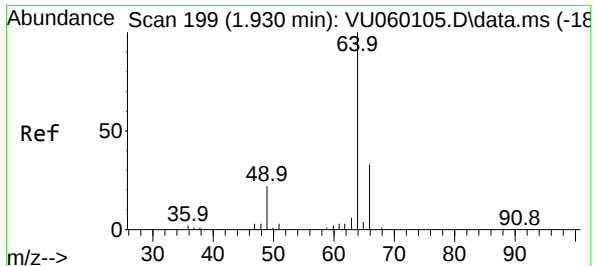
Tgt Ion: 62 Resp: 51243
 Ion Ratio Lower Upper
 62 100
 64 32.9 22.8 42.4



#6
 Bromomethane
 Concen: 4.542 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. -0.000 min
 Lab File: VU060127.D
 Acq: 23 Jul 2024 21:15

Tgt Ion: 94 Resp: 35130
 Ion Ratio Lower Upper
 94 100
 96 91.7 66.6 123.6

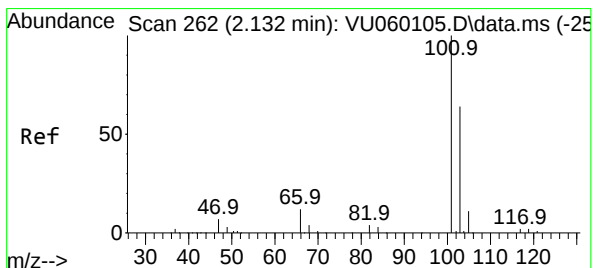
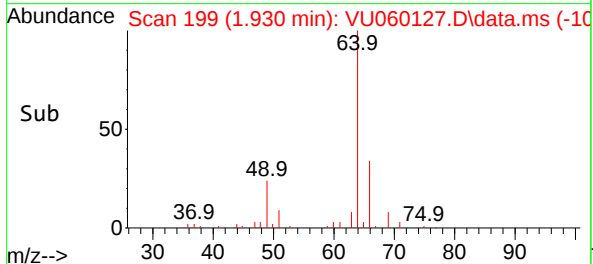
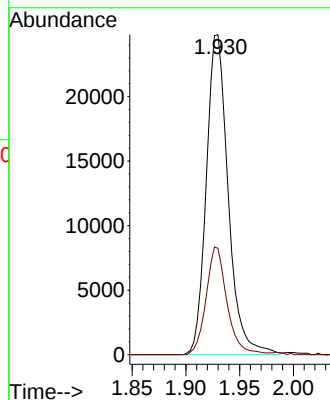
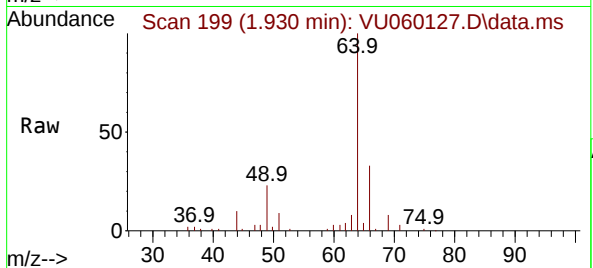




#8
Chloroethane
Concen: 4.536 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU060127.D
Acq: 23 Jul 2024 21:15

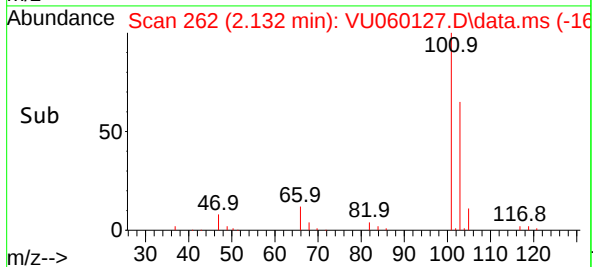
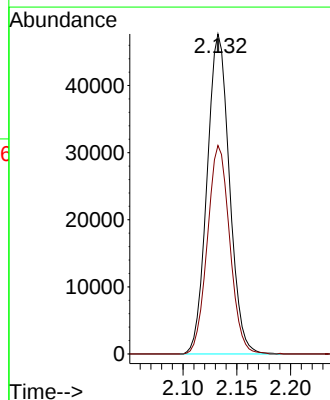
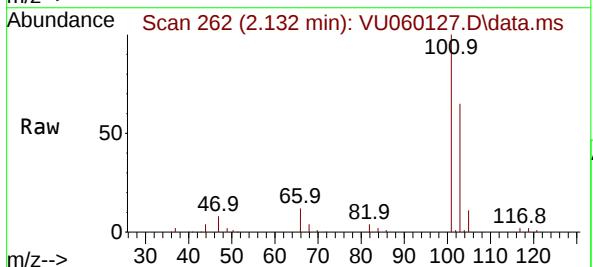
Instrument :
MSVOA_U
ClientSampleId :
YDZH7MS

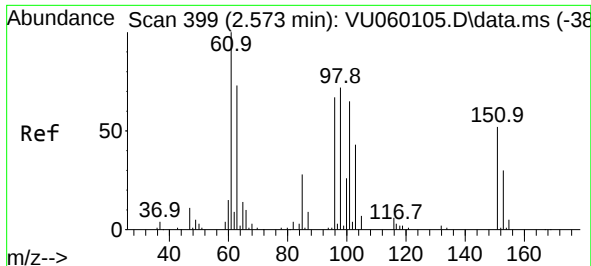
Tgt Ion: 64 Resp: 35199
Ion Ratio Lower Upper
64 100
66 33.3 22.8 42.4



#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

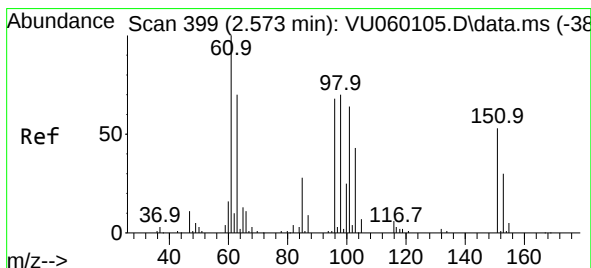
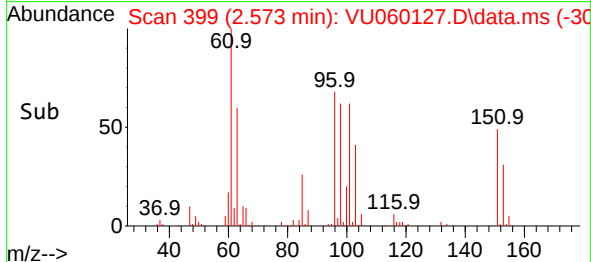
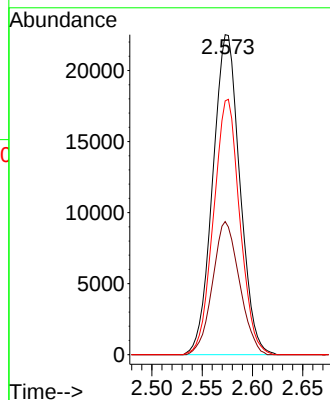
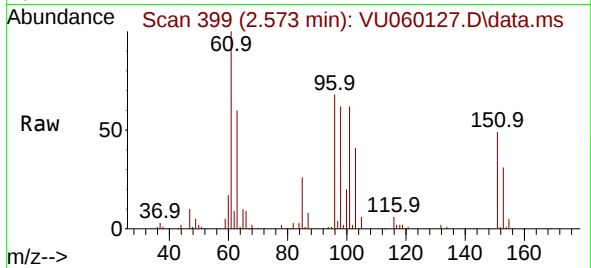




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.318 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.000 min
 Lab File: VU060127.D
 Acq: 23 Jul 2024 21:15

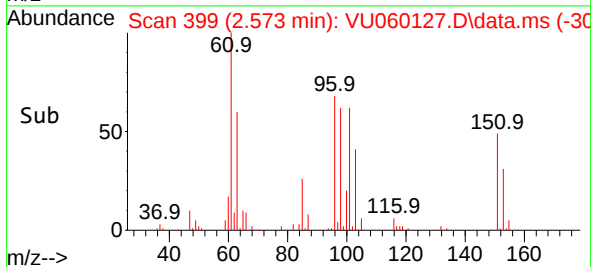
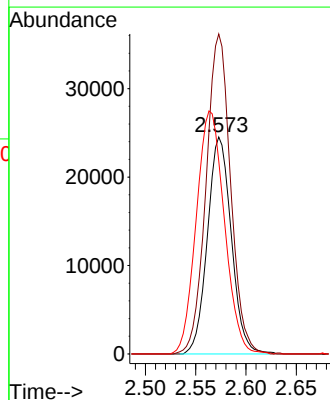
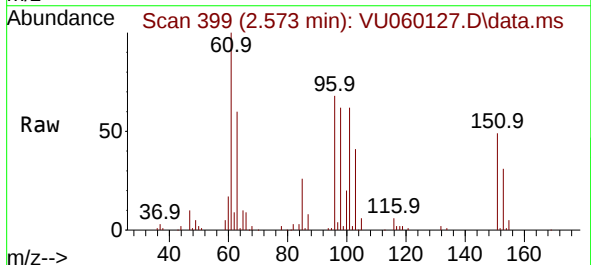
Instrument :
 MSVOA_U
 ClientSampleId :
 YDZH7MS

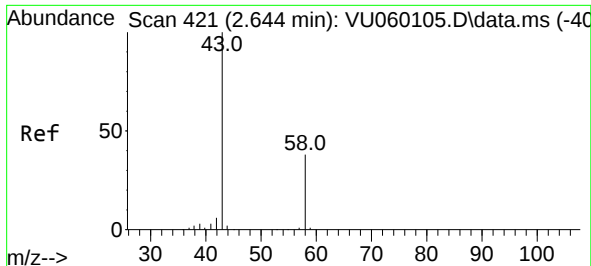
Tgt Ion:101 Resp: 42225
 Ion Ratio Lower Upper
 101 100
 85 41.3 33.2 49.8
 151 77.3 61.8 92.8



#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 :

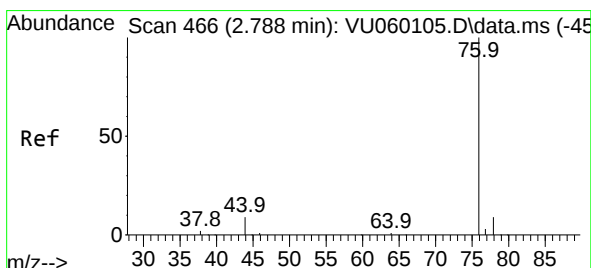
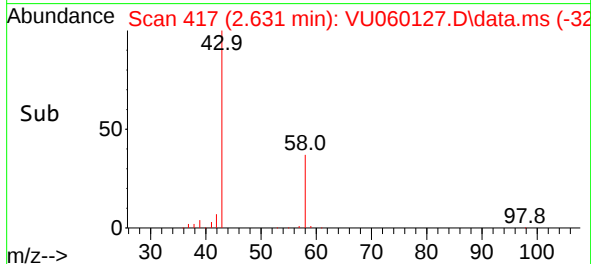
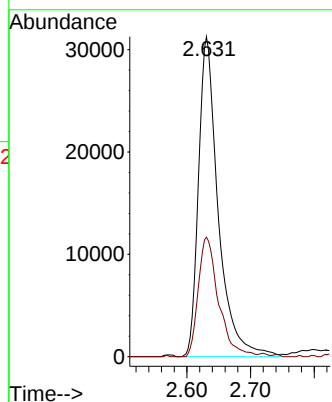
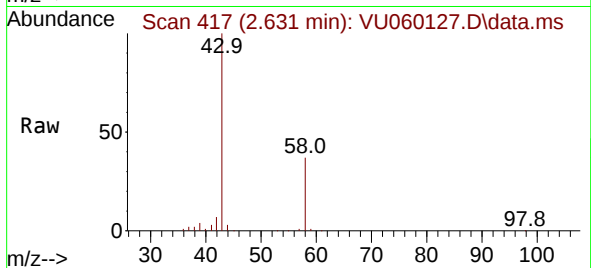
YDZH7MS

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

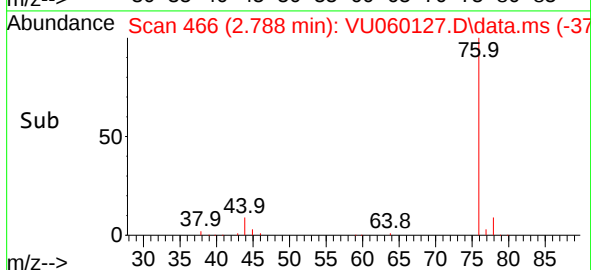
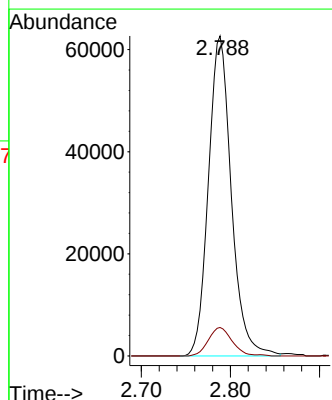
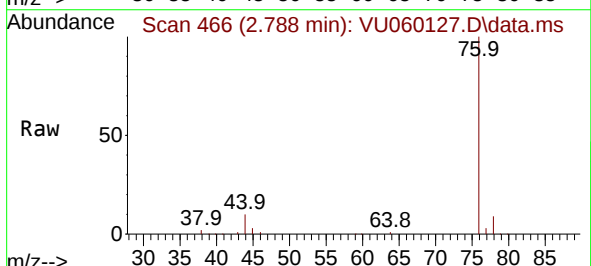
Acq: 23 Jul 2024 21:15

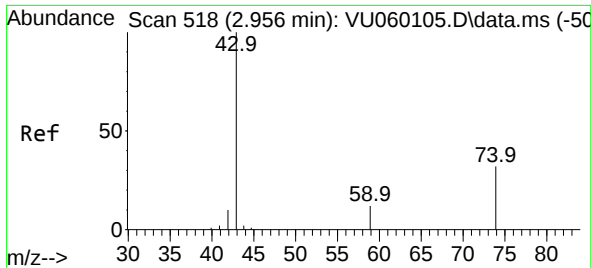
Tgt Ion: 76 Resp: 111886

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.0

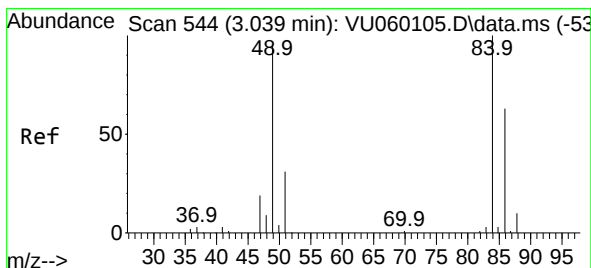
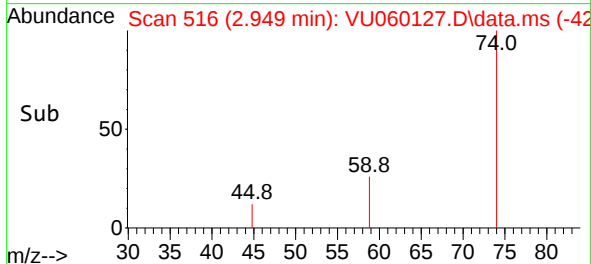
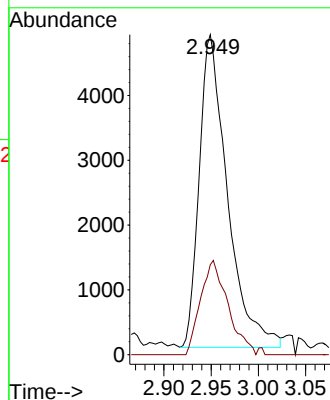
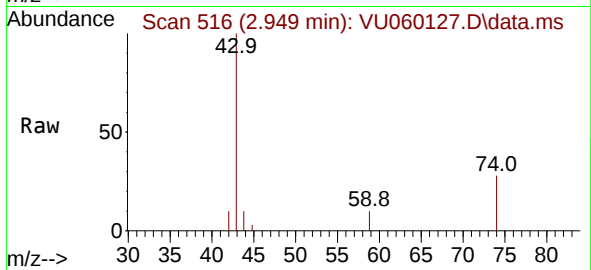




#15
Methyl Acetate
Concen: 3.256 ug/L
RT: 2.949 min Scan# 518
Delta R.T. -0.006 min
Lab File: VU060127.D
Acq: 23 Jul 2024 21:15

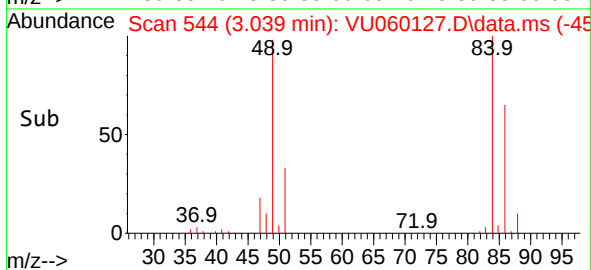
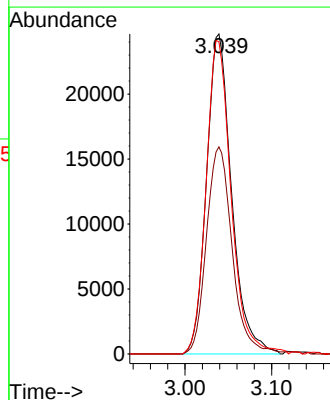
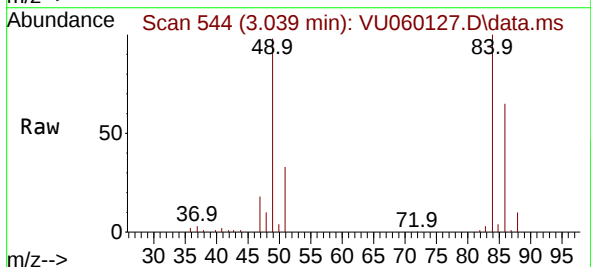
Instrument :
MSVOA_U
ClientSampleId :
YDZH7MS

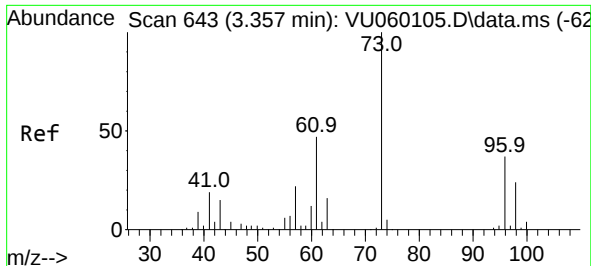
Tgt Ion: 43 Resp: 10000
Ion Ratio Lower Upper
43 100
74 29.3 23.5 35.3



#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

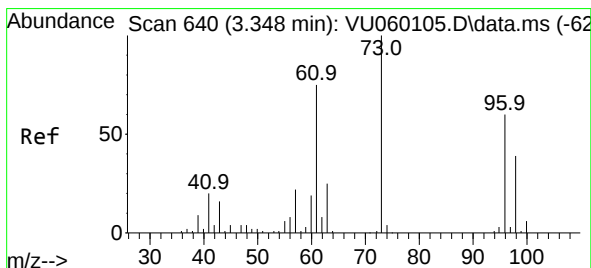
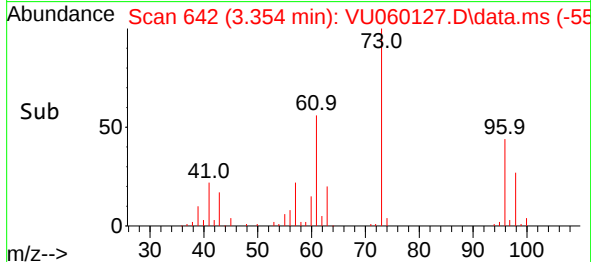
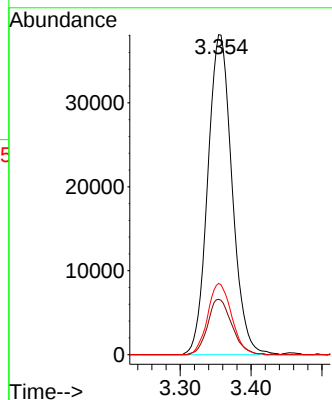
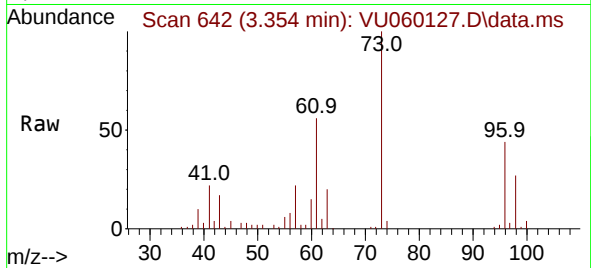




#17
Methyl tert-butyl Ether
Concen: 4.489 ug/L
RT: 3.354 min Scan# 643
Delta R.T. -0.003 min
Lab File: VU060127.D
Acq: 23 Jul 2024 21:15

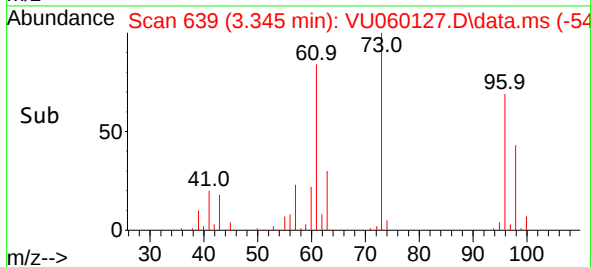
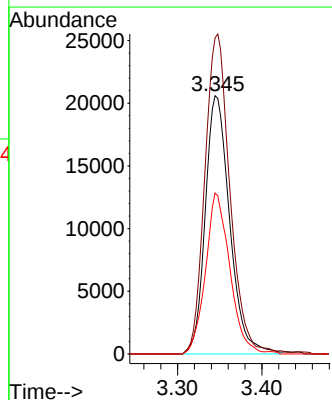
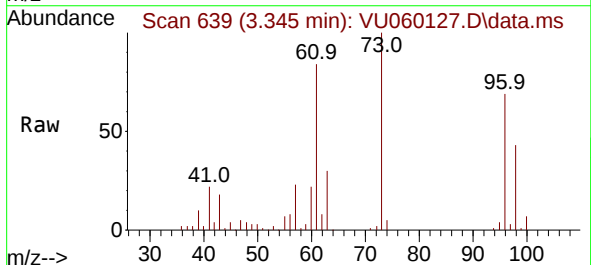
Instrument :
MSVOA_U
ClientSampleId :
YDZH7MS

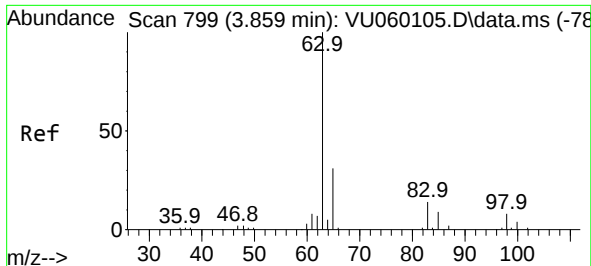
Tgt Ion: 73 Resp: 90674
Ion Ratio Lower Upper
73 100
43 17.3 13.1 19.7
57 21.9 17.0 25.4



#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 :

YDZH7MS

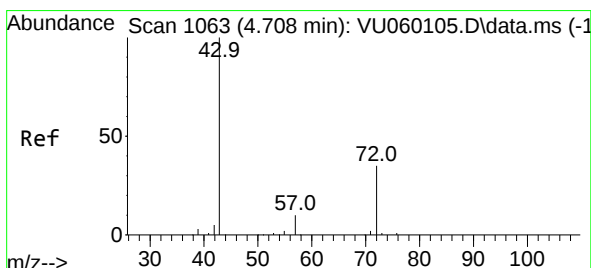
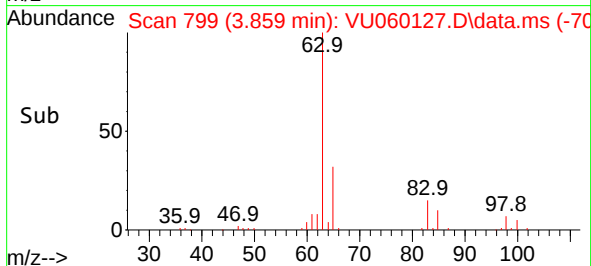
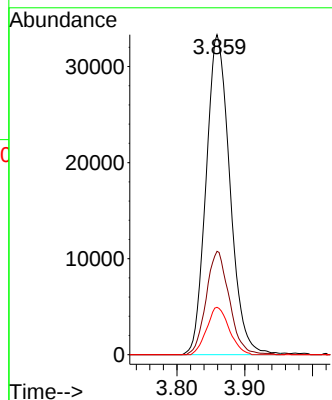
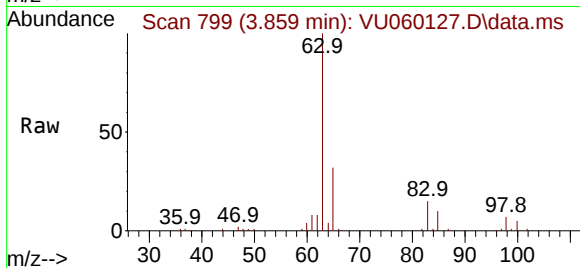
Tgt Ion: 63 Resp: 81237

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

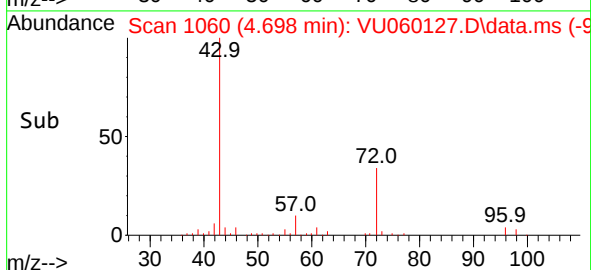
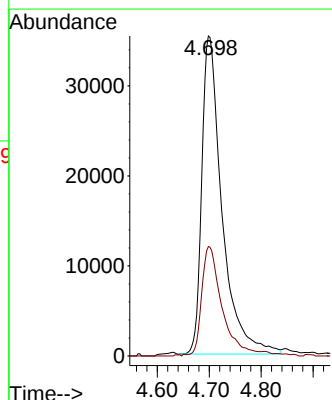
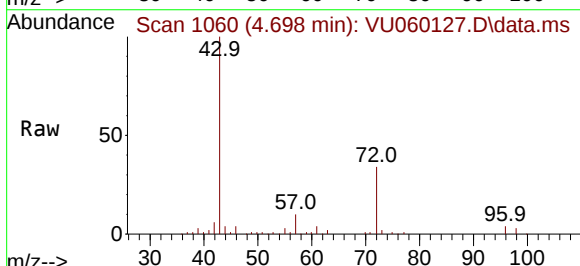
Acq: 23 Jul 2024 21:15

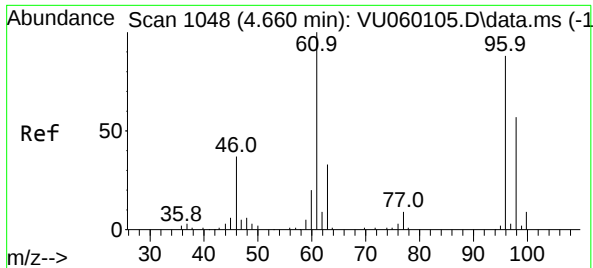
Tgt Ion: 43 Resp: 95586

Ion Ratio Lower Upper

43 100

72 33.1 16.3 48.9

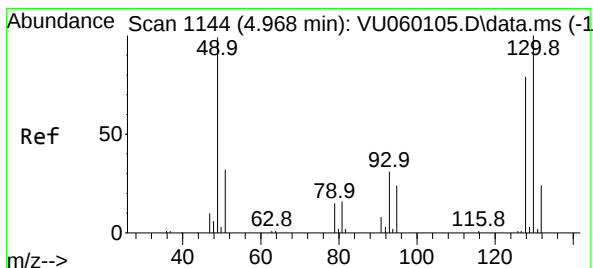
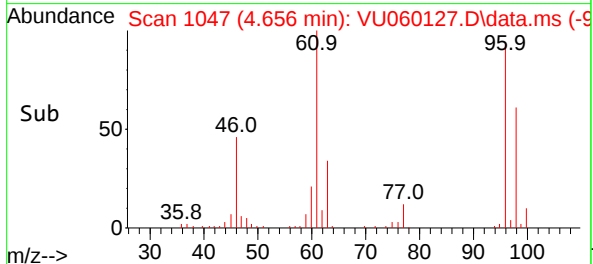
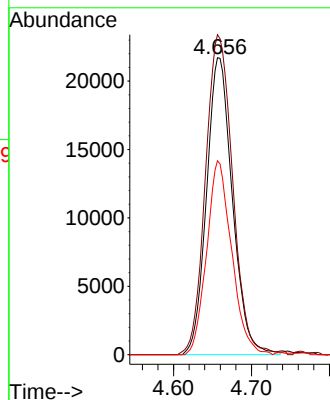
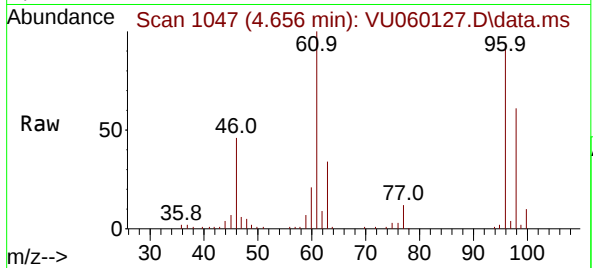




#22
cis-1,2-Dichloroethene
Concen: 4.862 ug/L
RT: 4.656 min Scan# 1047
Delta R.T. -0.003 min
Lab File: VU060127.D
Acq: 23 Jul 2024 21:15

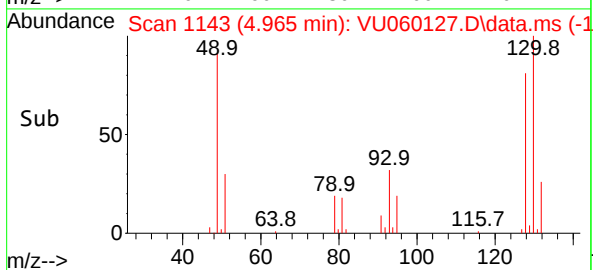
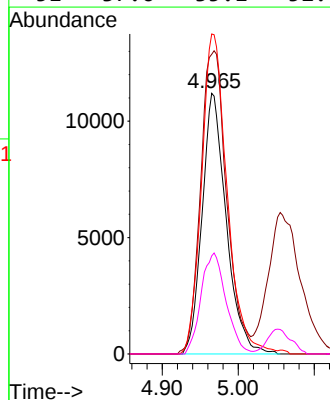
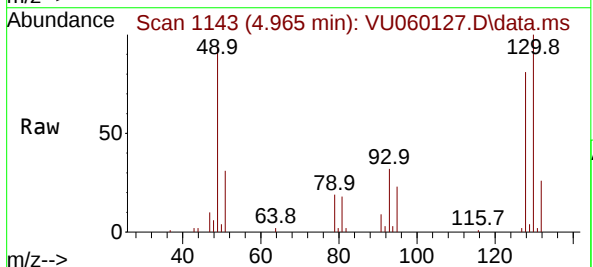
Instrument :
MSVOA_U
ClientSampleId :
YDZH7MS

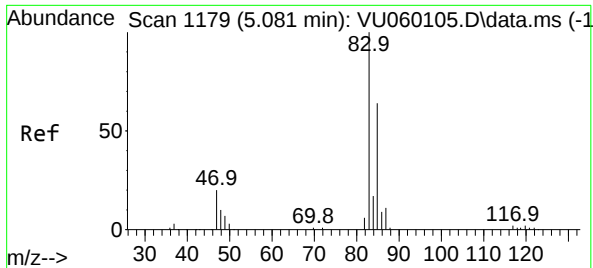
Tgt Ion: 96 Resp: 50174
Ion Ratio Lower Upper
96 100
61 107.8 80.2 148.9
98 65.3 44.7 83.1



#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# 1179

Delta R.T. -0.003 min

Lab File: VU060127.D

Acq: 23 Jul 2024 21:15

Instrument :

MSVOA_U

ClientSampleId :

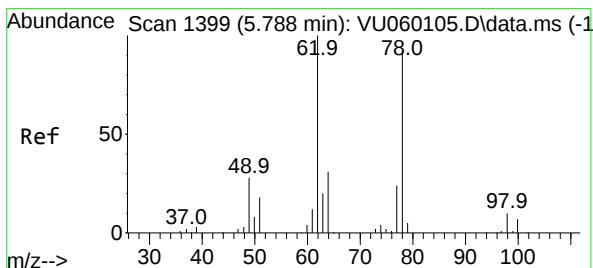
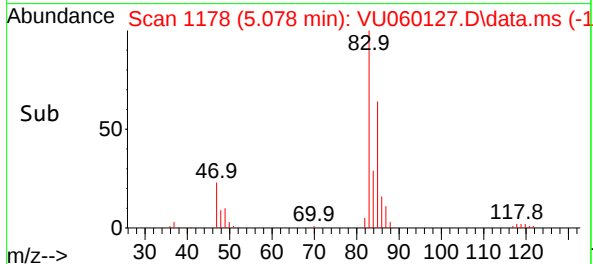
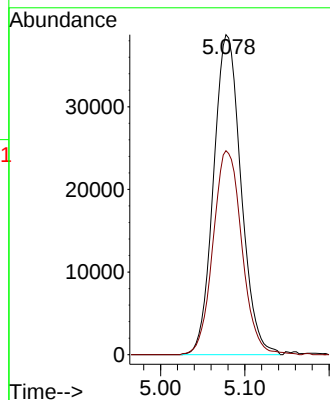
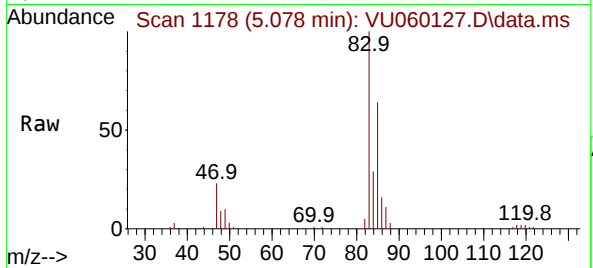
YDZH7MS

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

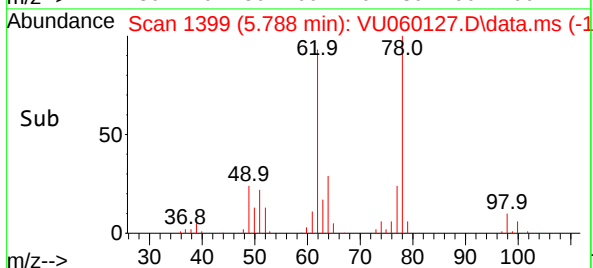
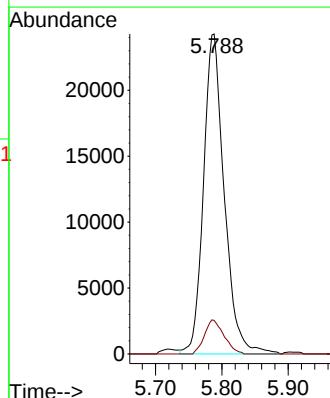
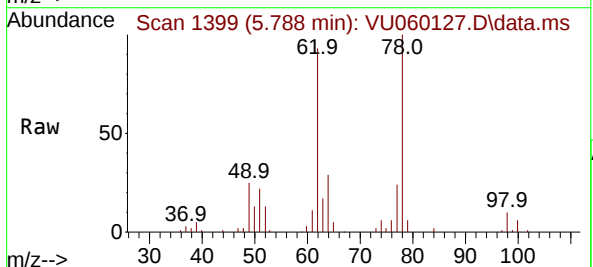
Acq: 23 Jul 2024 21:15

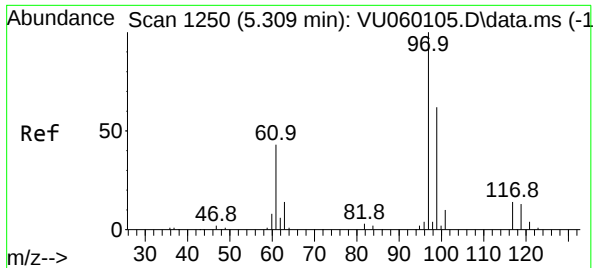
Tgt Ion: 62 Resp: 52747

Ion Ratio Lower Upper

62 100

98 10.5 7.9 11.9

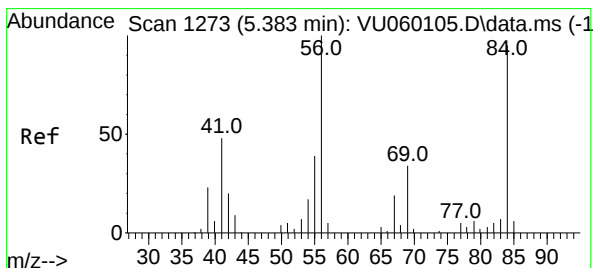
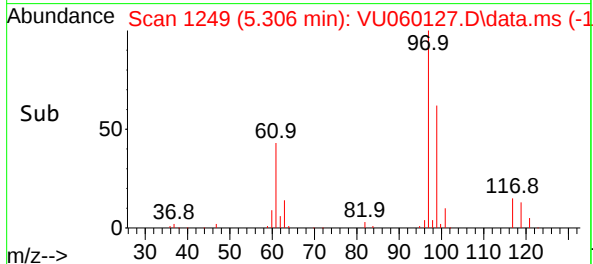
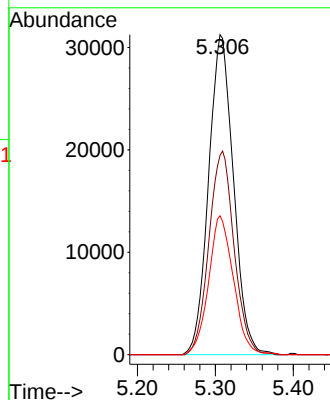
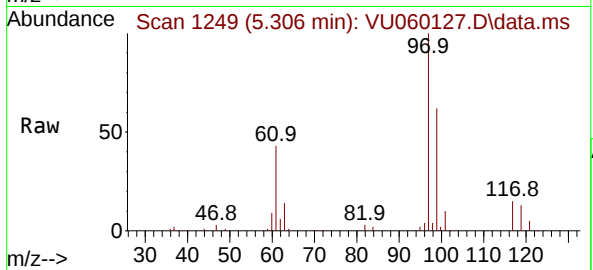




#29
1,1,1-Trichloroethane
Concen: 4.433 ug/L
RT: 5.306 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU060127.D
Acq: 23 Jul 2024 21:15

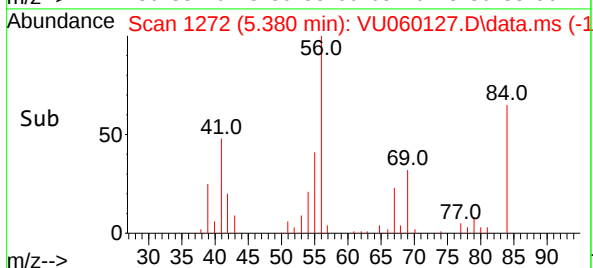
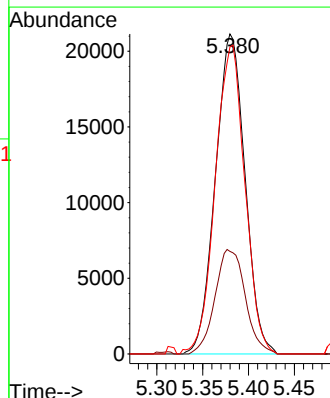
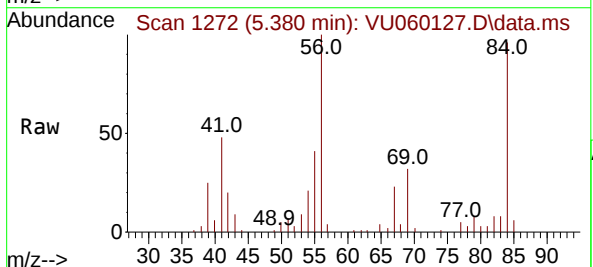
Instrument :
MSVOA_U
ClientSampleId :
YDZH7MS

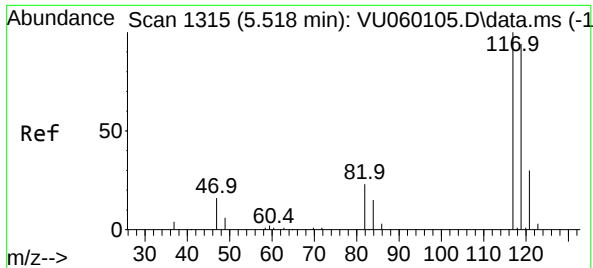
Tgt Ion: 97	Resp: 69217
Ion Ratio	Lower Upper
97 100	
99 64.6	51.0 76.4
61 43.4	34.1 51.1



#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

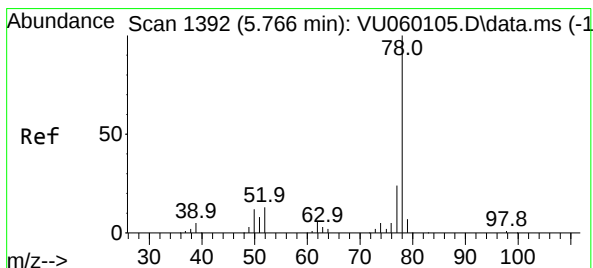
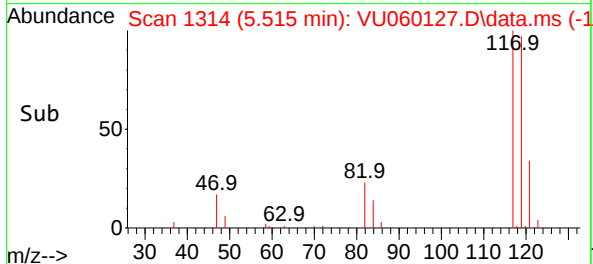
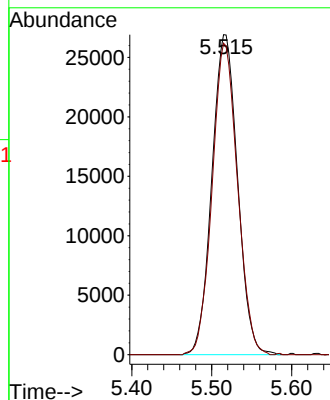
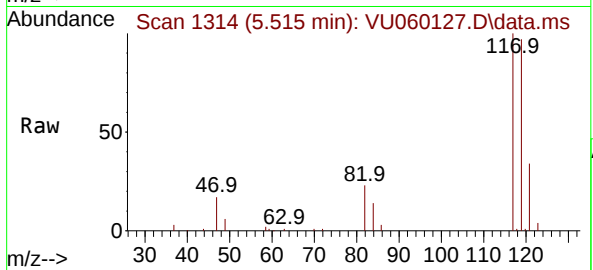




#31
Carbon tetrachloride
Concen: 4.450 ug/L
RT: 5.515 min Scan# 117
Delta R.T. -0.003 min
Lab File: VU060127.D
Acq: 23 Jul 2024 21:15

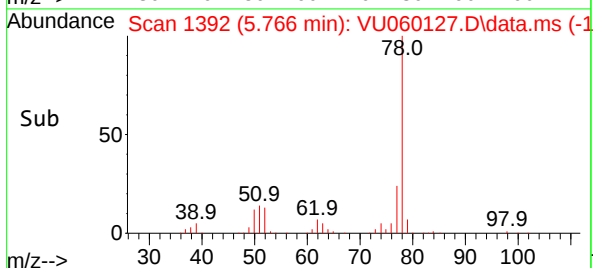
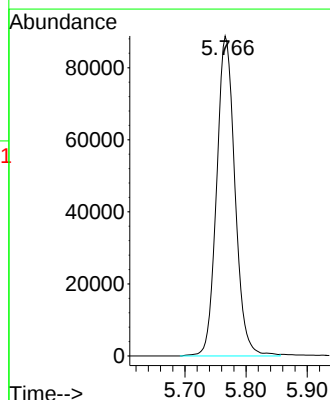
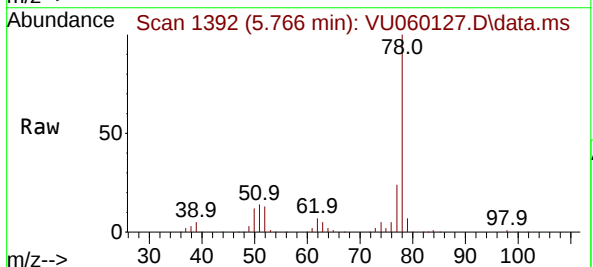
Instrument :
MSVOA_U
ClientSampleId :
YDZH7MS

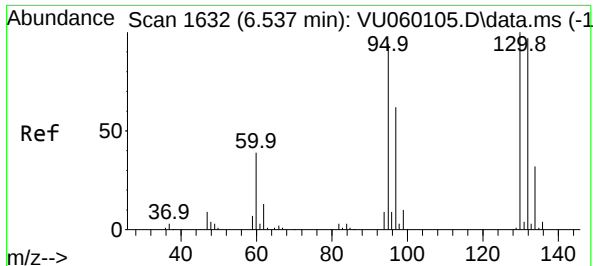
Tgt Ion:117 Resp: 59942
Ion Ratio Lower Upper
117 100
119 96.1 75.6 113.4



#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 :

YDZH7MS

Tgt Ion: 95 Resp: 49192

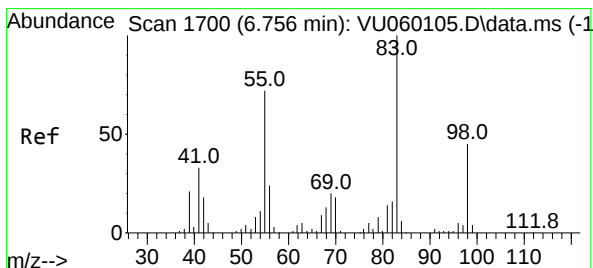
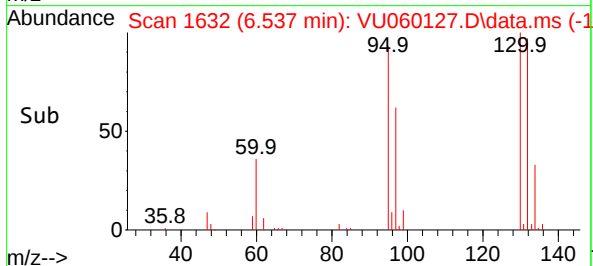
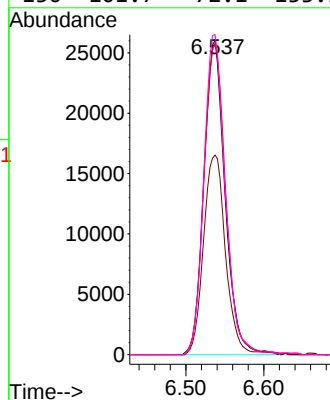
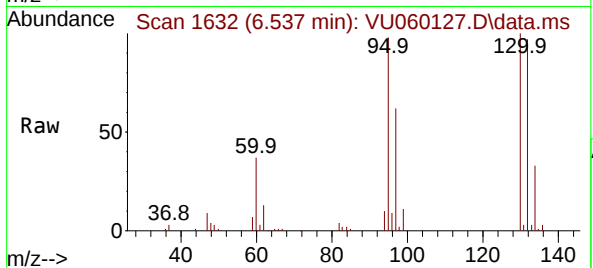
Ion Ratio Lower Upper

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

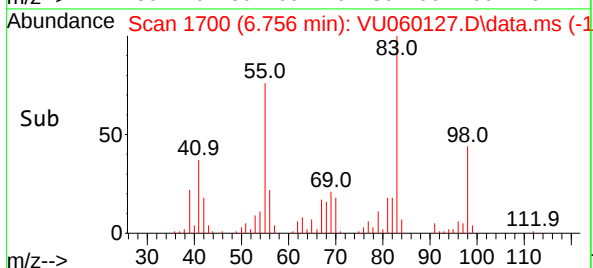
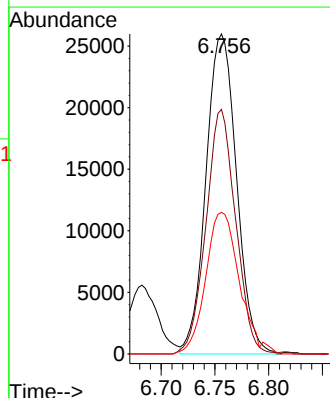
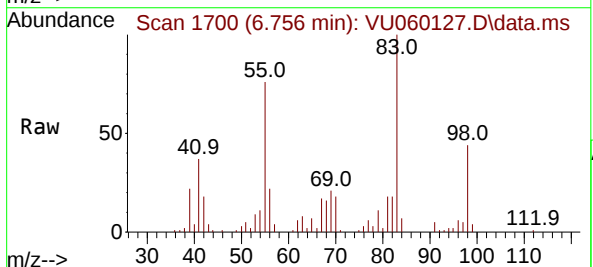
Tgt Ion: 83 Resp: 51369

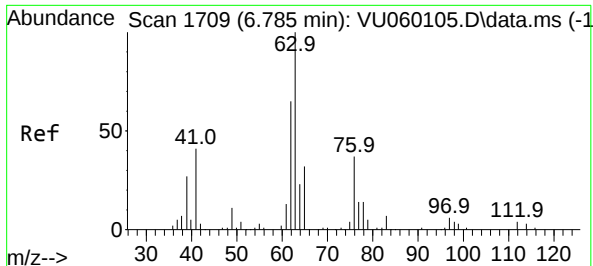
Ion Ratio Lower Upper

83 100

55 74.1 56.7 85.1

98 48.7 36.6 55.0

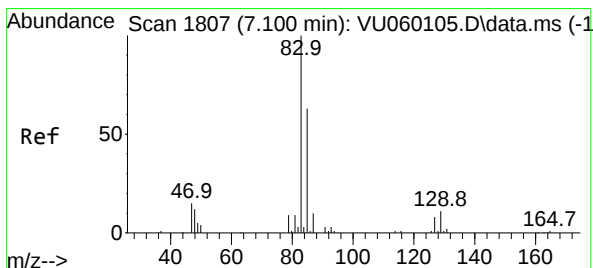
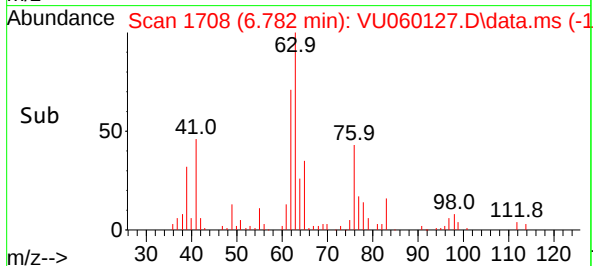
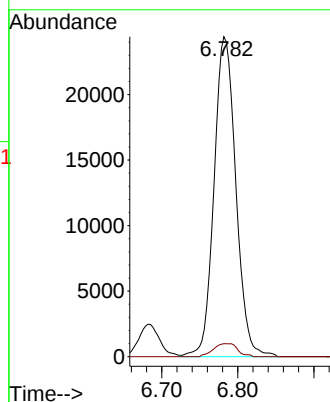
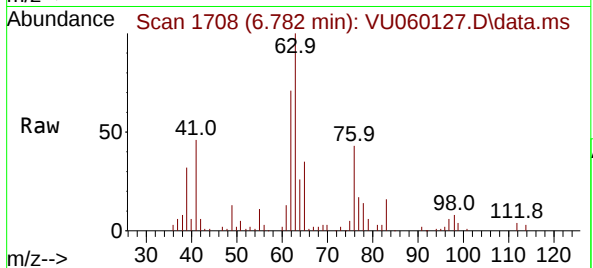




#37
1,2-Dichloropropane
Concen: 4.363 ug/L
RT: 6.782 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU060127.D
Acq: 23 Jul 2024 21:15

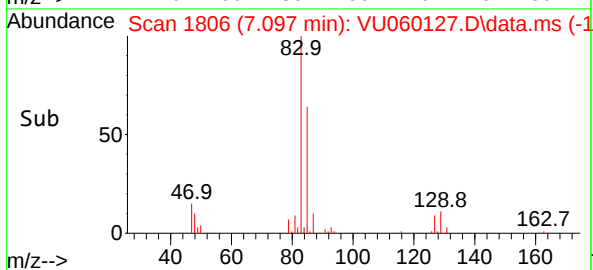
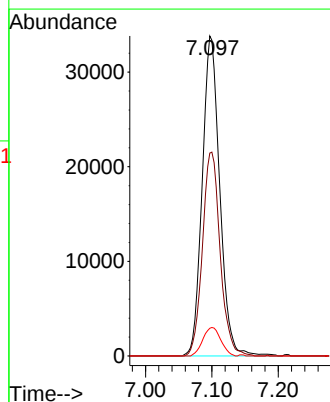
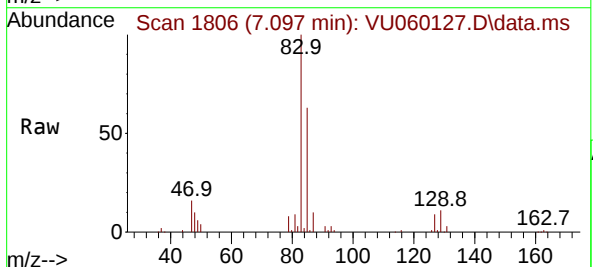
Instrument :
MSVOA_U
ClientSampleId :
YDZH7MS

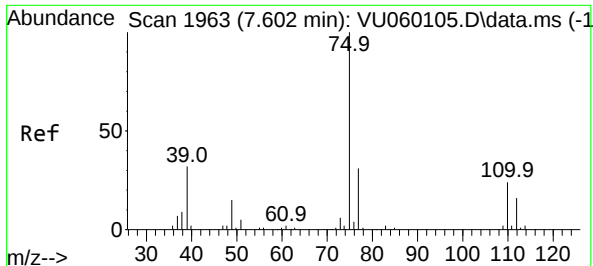
Tgt Ion: 63 Resp: 48682
Ion Ratio Lower Upper
63 100
112 4.5 3.3 4.9



#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

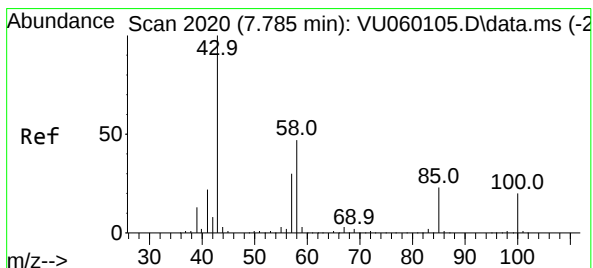
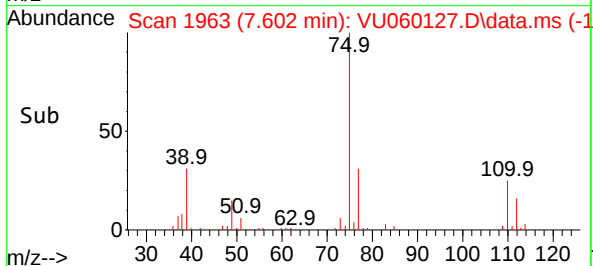
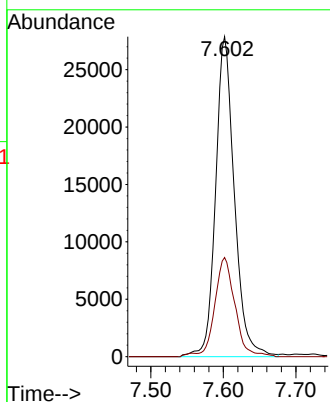
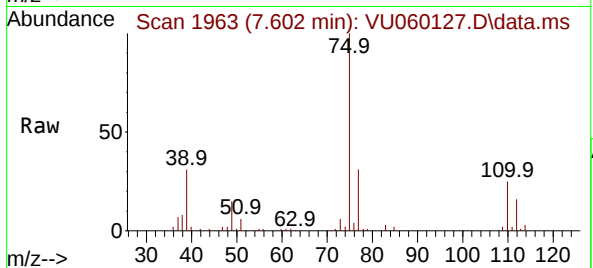




#39
cis-1,3-Dichloropropene
Concen: 3.440 ug/L
RT: 7.602 min Scan# 1963
Delta R.T. -0.000 min
Lab File: VU060127.D
Acq: 23 Jul 2024 21:15

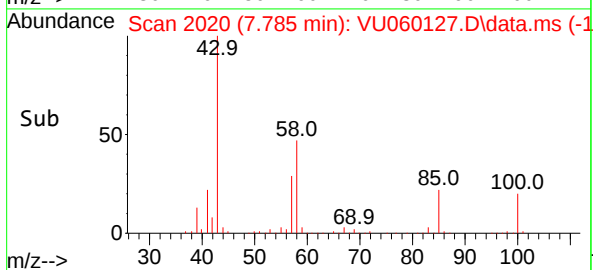
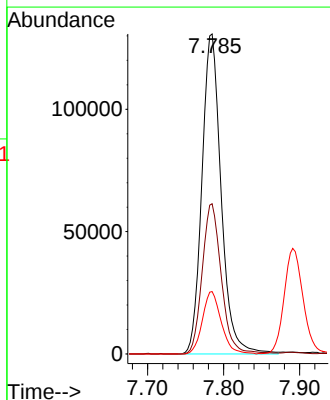
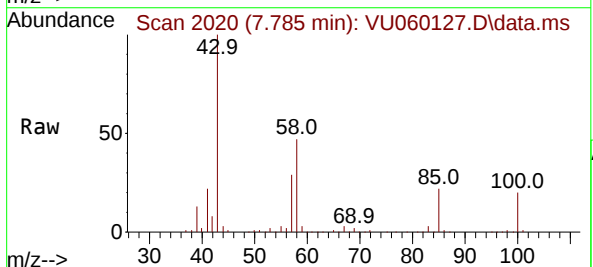
Instrument :
MSVOA_U
ClientSampleId :
YDZH7MS

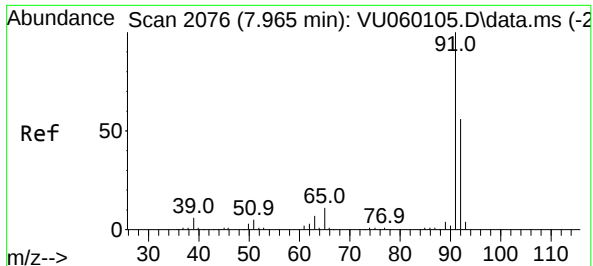
Tgt Ion: 75 Resp: 50154
Ion Ratio Lower Upper
75 100
77 31.0 23.2 43.2



#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 :

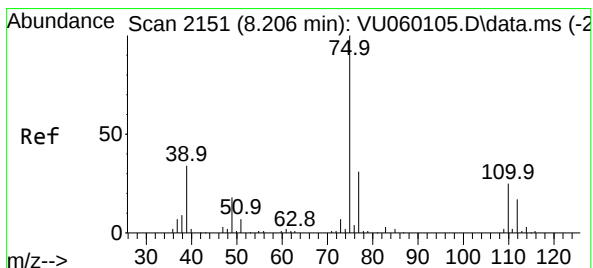
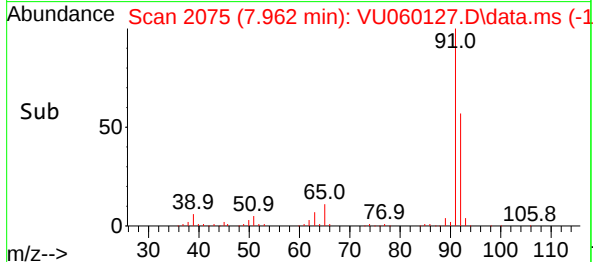
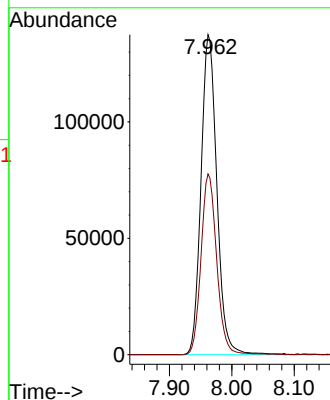
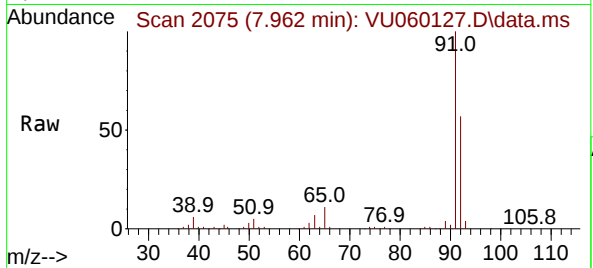
YDZH7MS

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

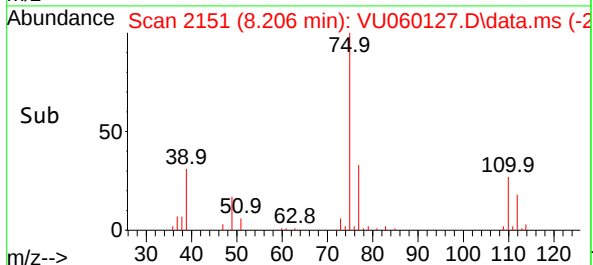
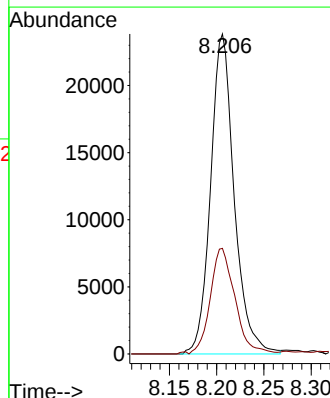
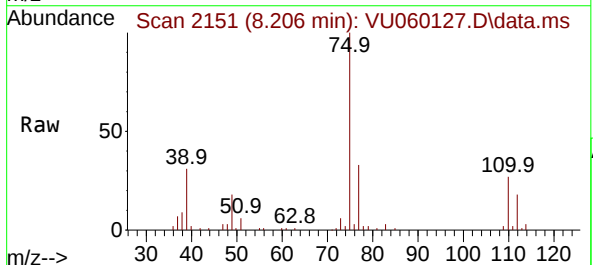
Acq: 23 Jul 2024 21:15

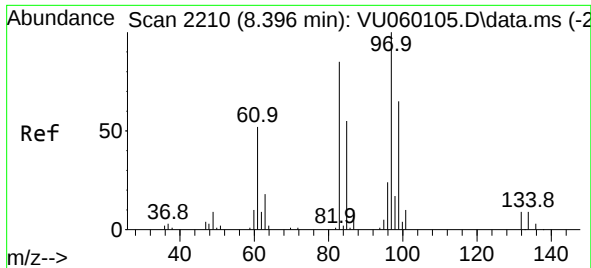
Tgt Ion: 75 Resp: 41439

Ion Ratio Lower Upper

75 100

77 33.0 22.6 42.0

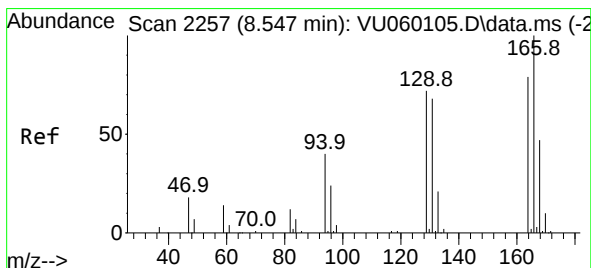
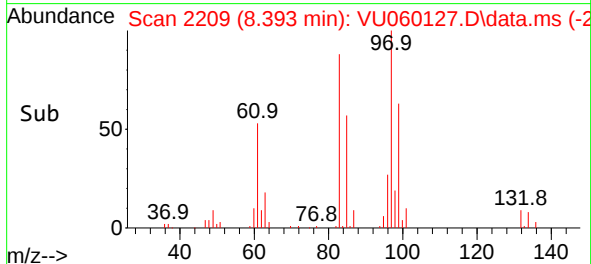
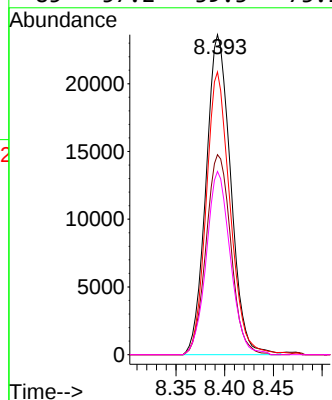
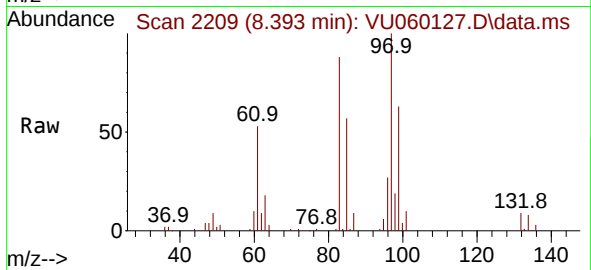




#45
1,1,2-Trichloroethane
Concen: 4.877 ug/L
RT: 8.393 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU060127.D
Acq: 23 Jul 2024 21:15

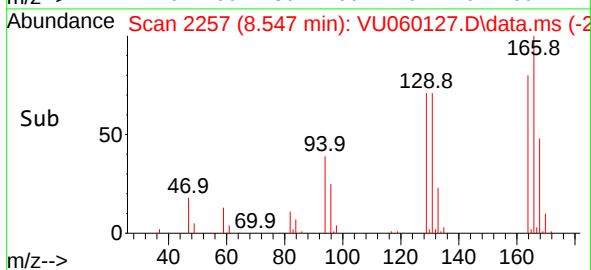
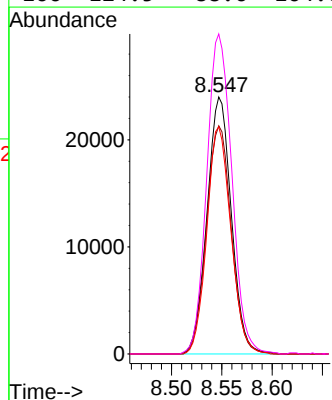
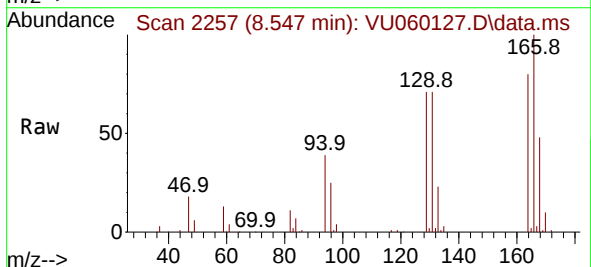
Instrument :
MSVOA_U
ClientSampleId :
YDZH7MS

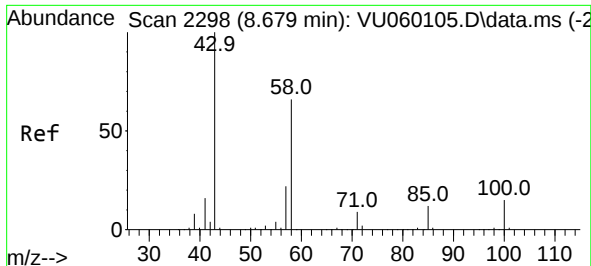
Tgt Ion: 97	Resp: 41576
Ion Ratio	Lower Upper
97 100	
99 62.5	43.8 81.4
83 88.4	62.1 115.3
85 57.2	39.3 73.1



#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

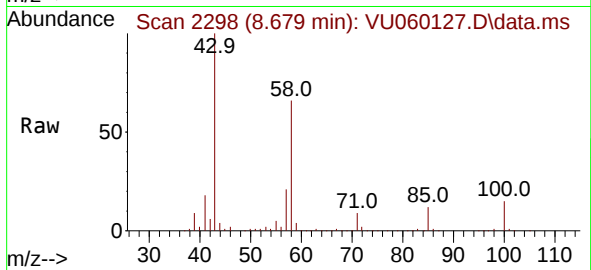
Tgt	Ion:164	Resp:	40474
Ion	Ratio	Lower	Upper
164	100		
129	88.8	64.6	120.0
131	88.4	61.2	113.8
166	124.5	88.6	164.6



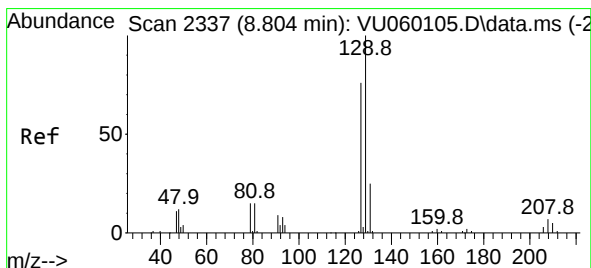
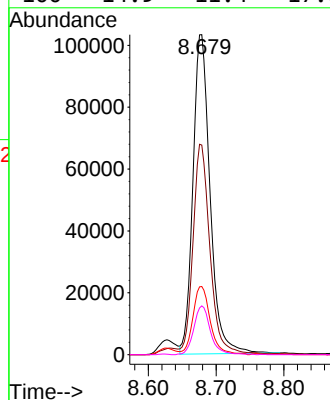
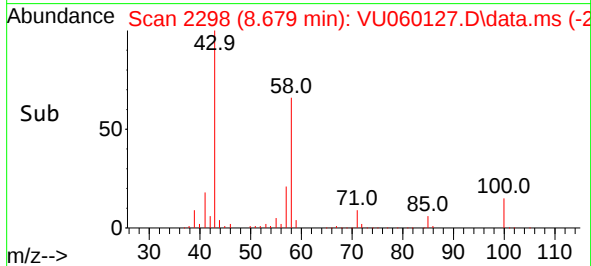


#48
2-Hexanone
Concen: 50.156 ug/L
RT: 8.679 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU060127.D
Acq: 23 Jul 2024 21:15

Instrument :
MSVOA_U
ClientSampleId :
YDZH7MS

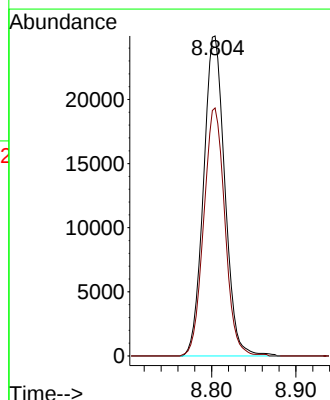
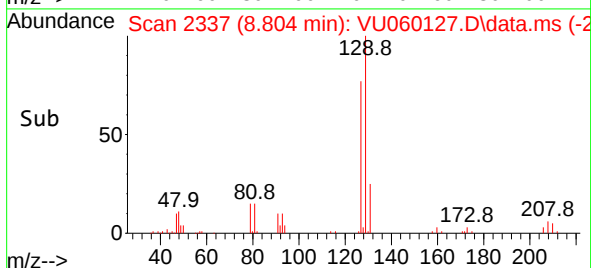
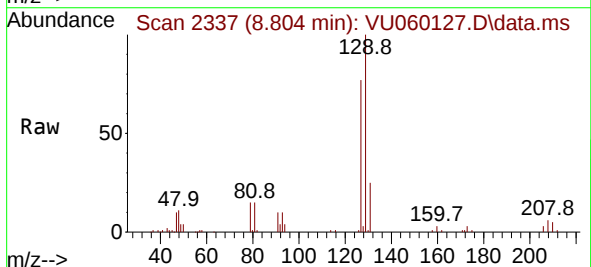


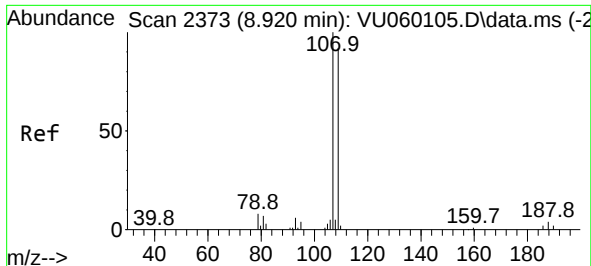
Tgt Ion:	43	Resp:	181305
Ion	Ratio	Lower	Upper
43	100		
58	64.7	52.6	78.8
57	21.8	17.8	26.8
100	14.9	11.4	17.0



#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

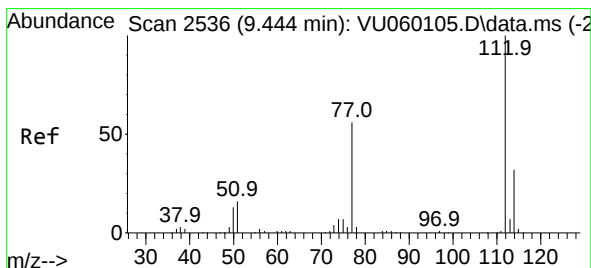
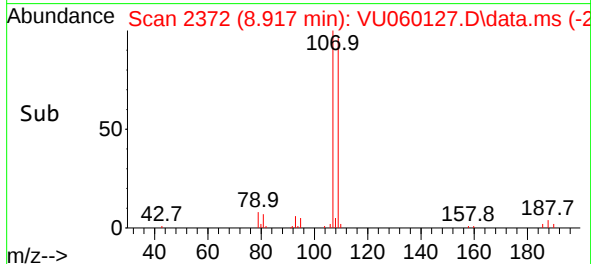
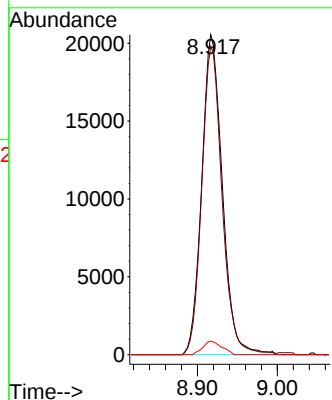
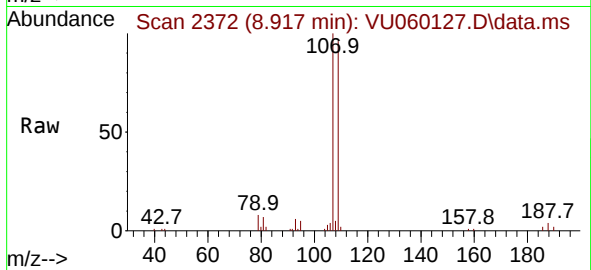




#50
1,2-Dibromoethane
Concen: 4.781 ug/L
RT: 8.917 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU060127.D
Acq: 23 Jul 2024 21:15

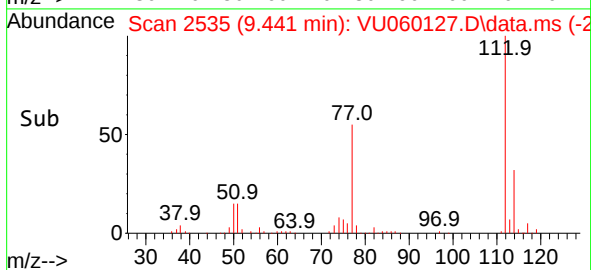
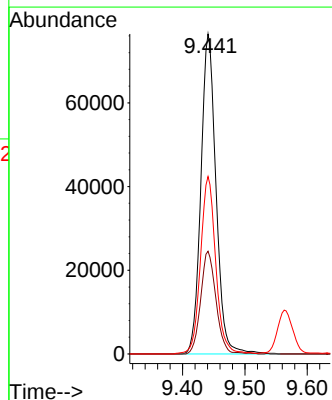
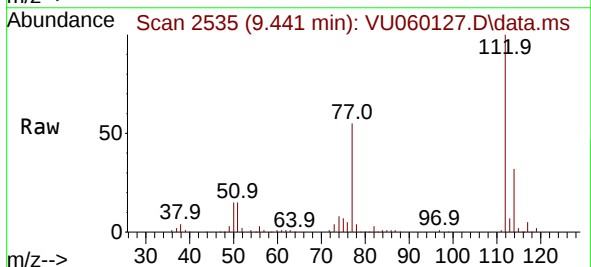
Instrument :
MSVOA_U
ClientSampleId :
YDZH7MS

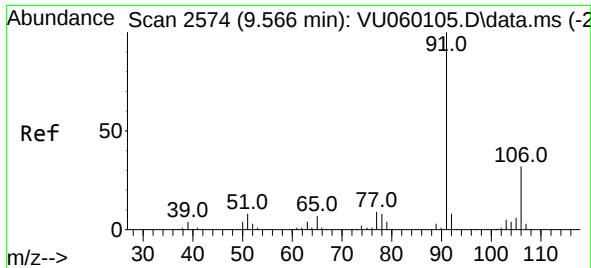
Tgt Ion:107 Resp: 36853
Ion Ratio Lower Upper
107 100
109 96.4 64.0 118.8
188 4.2 3.0 4.6



#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

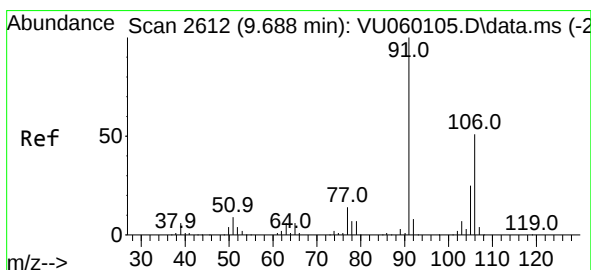
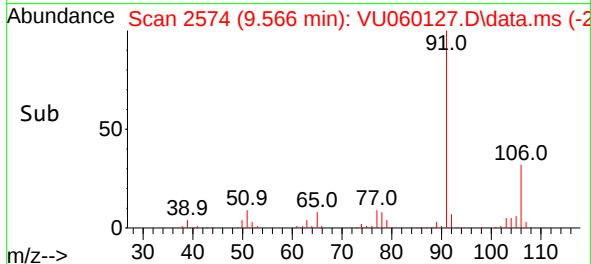
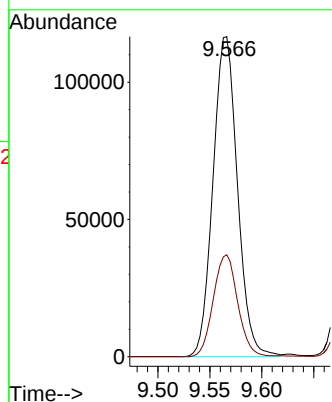
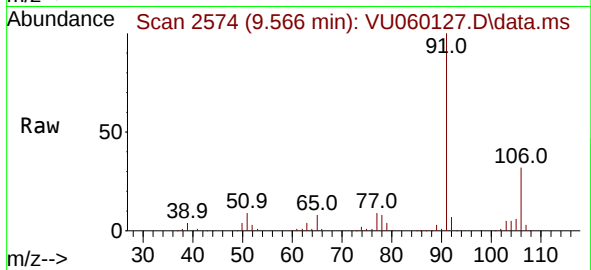




#52
Ethylbenzene
Concen: 4.361 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. -0.000 min
Lab File: VU060127.D
Acq: 23 Jul 2024 21:15

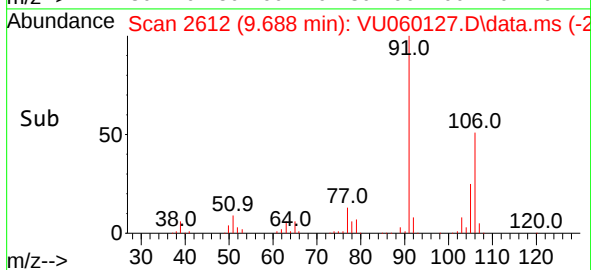
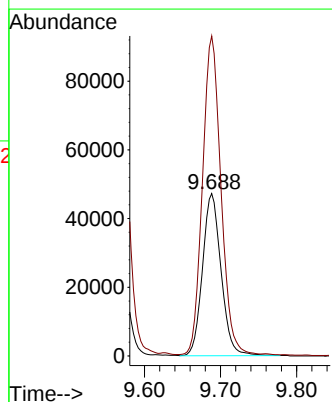
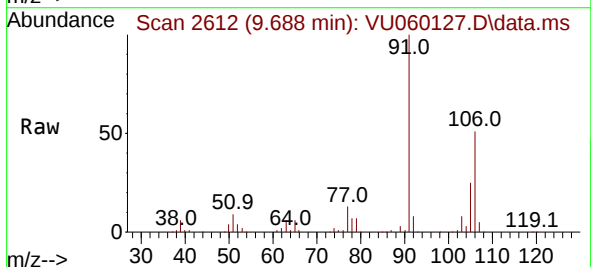
Instrument :
MSVOA_U
ClientSampleId :
YDZH7MS

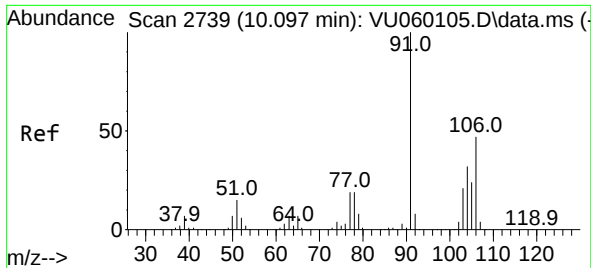
Tgt Ion: 91 Resp: 191152
Ion Ratio Lower Upper
91 100
106 31.9 21.9 40.7



#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

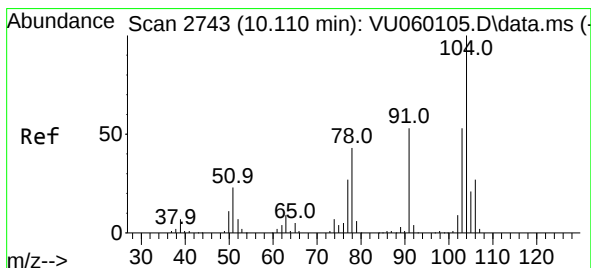
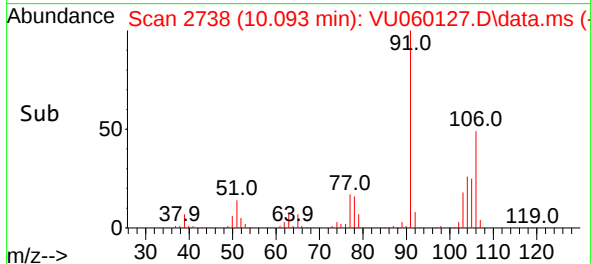
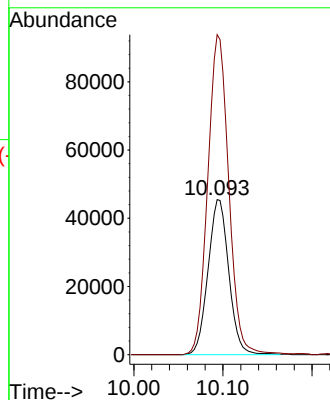
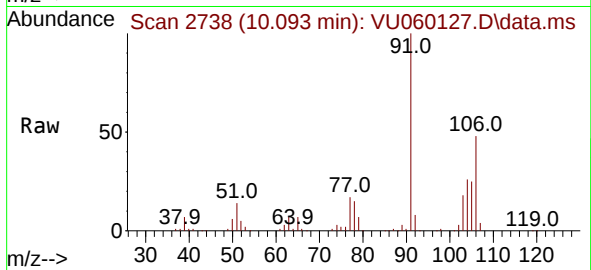




#54
o-Xylene
Concen: 4.539 ug/L
RT: 10.093 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU060127.D
Acq: 23 Jul 2024 21:15

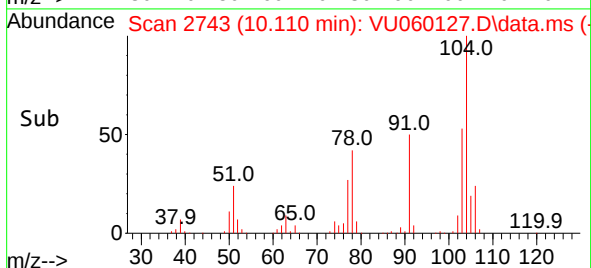
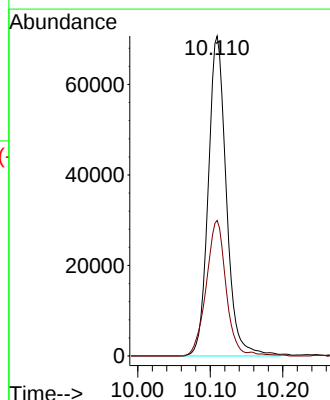
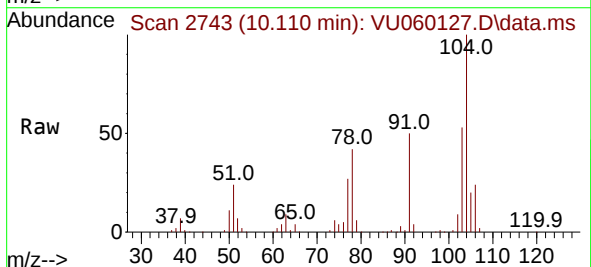
Instrument :
MSVOA_U
ClientSampleId :
YDZH7MS

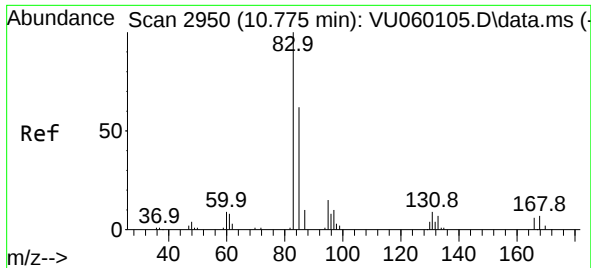
Tgt Ion:106 Resp: 73492
Ion Ratio Lower Upper
106 100
91 206.4 143.6 266.6



#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

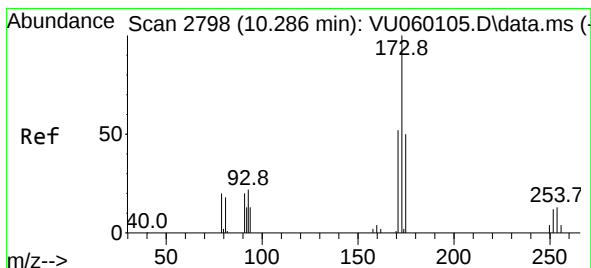
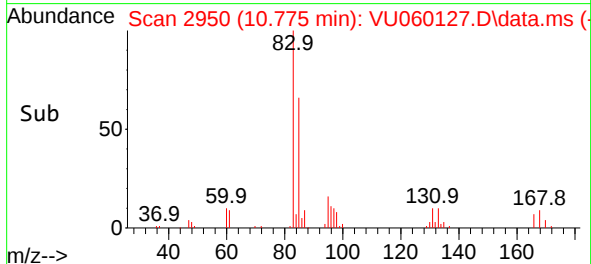
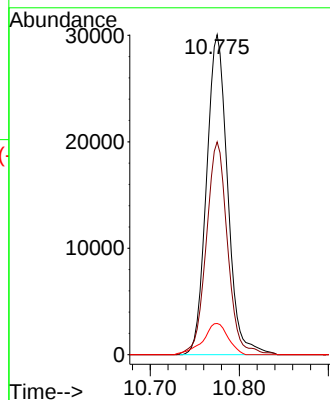
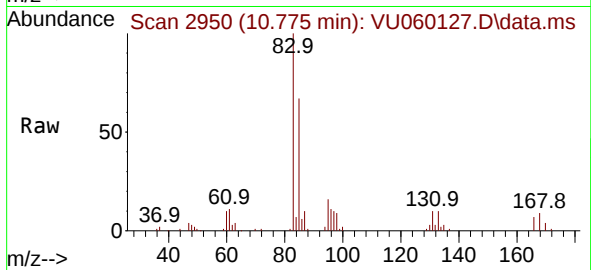




#57
 1,1,2,2-Tetrachloroethane
 Concen: 4.736 ug/L
 RT: 10.775 min Scan# 2950
 Delta R.T. -0.000 min
 Lab File: VU060127.D
 Acq: 23 Jul 2024 21:15

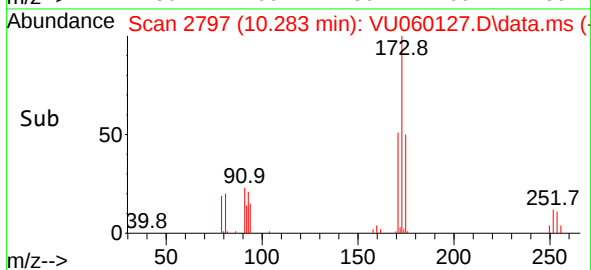
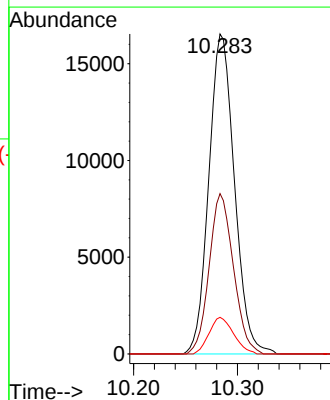
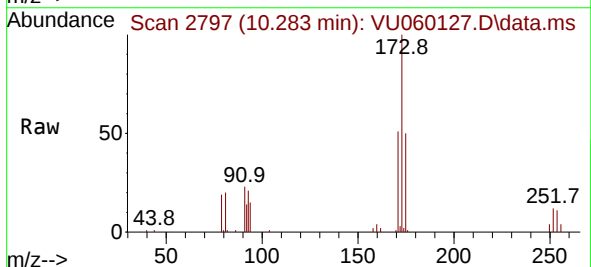
Instrument :
 MSVOA_U
 ClientSampleId :
 YDZH7MS

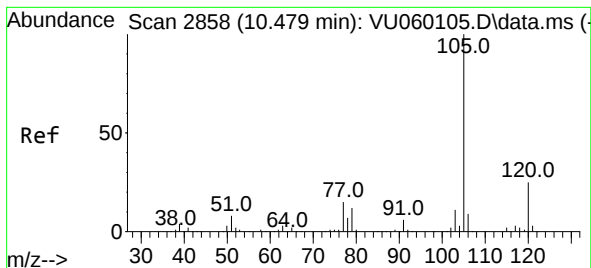
Tgt Ion: 83 Resp: 49398
 Ion Ratio Lower Upper
 83 100
 85 66.5 46.8 87.0
 131 9.7 7.8 11.6



#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 :

YDZH7MS

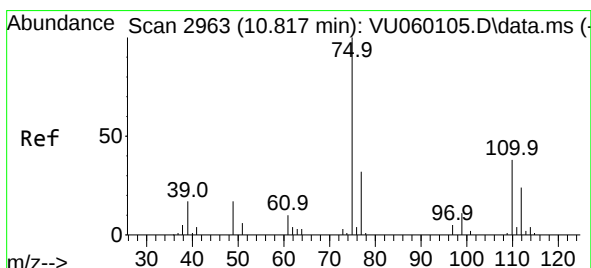
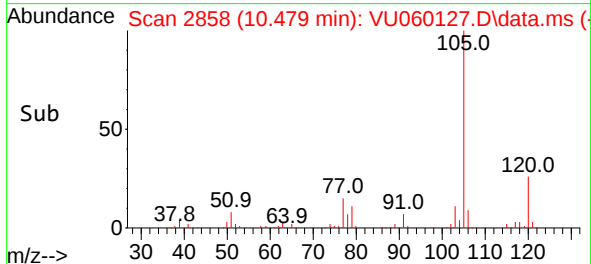
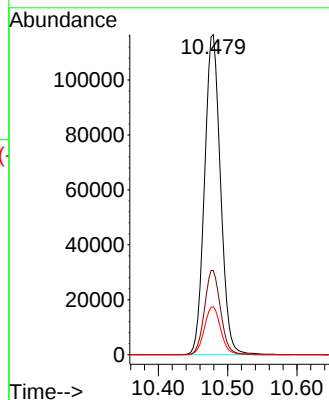
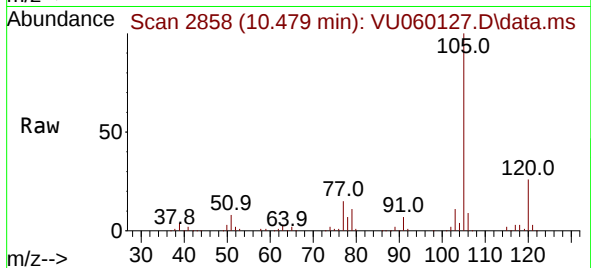
Tgt Ion:105 Resp: 186031

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

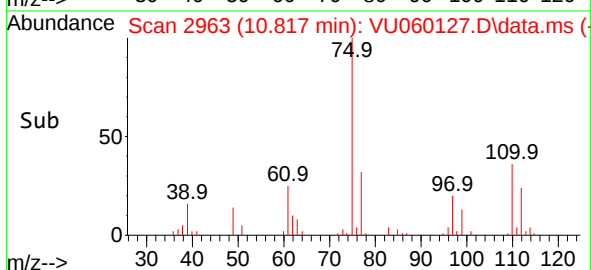
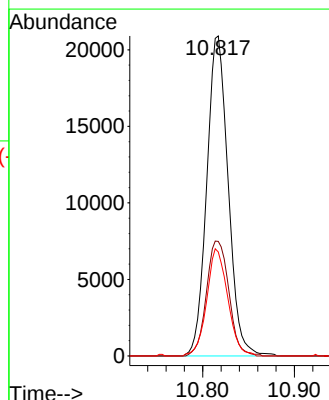
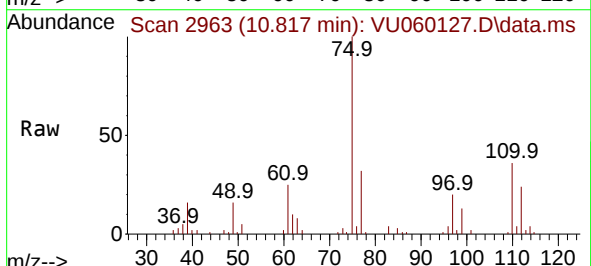
Tgt Ion: 75 Resp: 33978

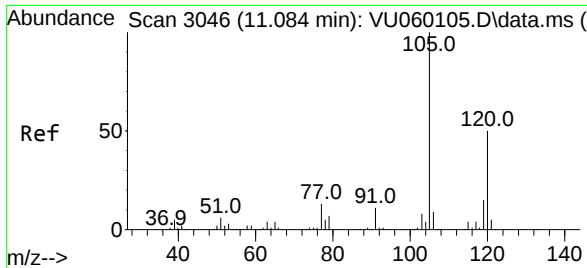
Ion Ratio Lower Upper

75 100

110 37.5 30.8 46.2

77 32.9 26.2 39.2

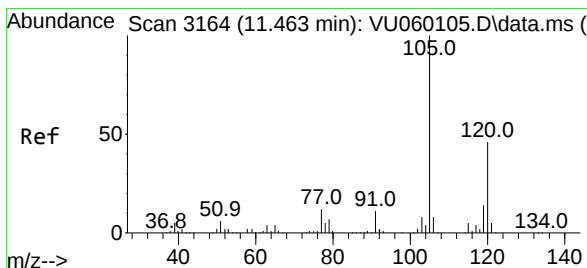
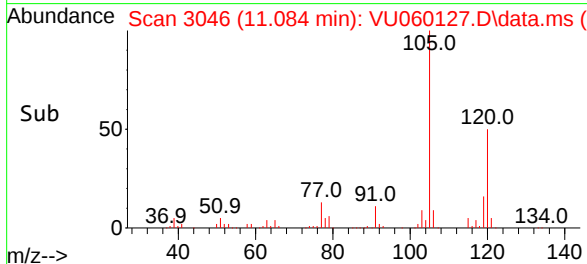
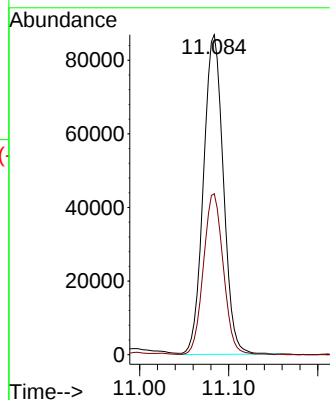
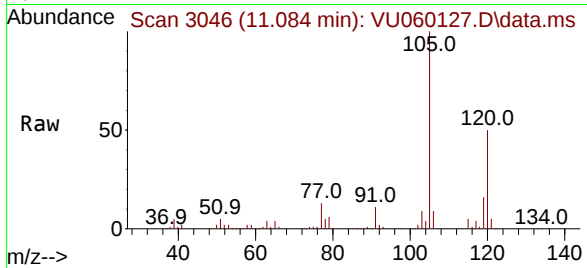




#62
1,3,5-Trimethylbenzene
Concen: 3.985 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. -0.000 min
Lab File: VU060127.D
Acq: 23 Jul 2024 21:15

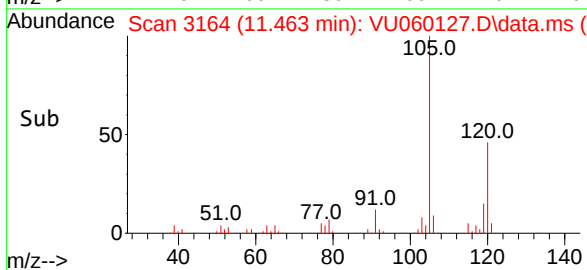
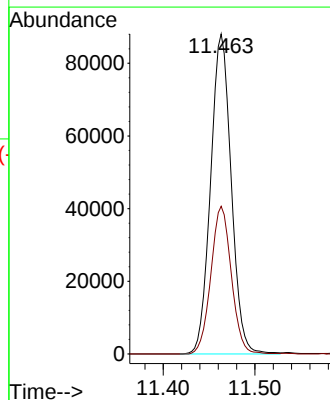
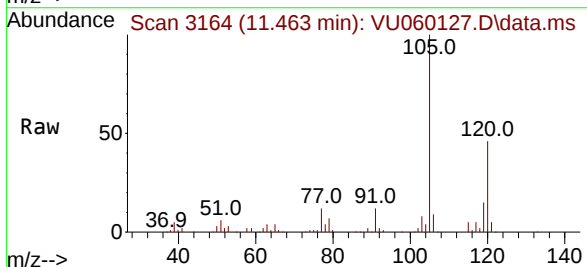
Instrument :
MSVOA_U
ClientSampleId :
YDZH7MS

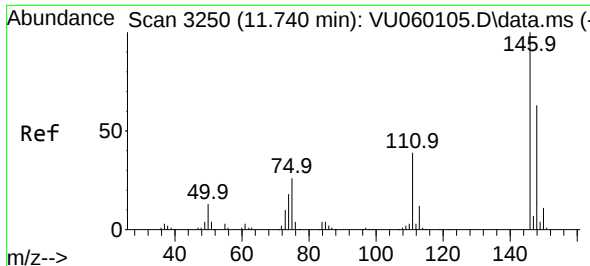
Tgt Ion:105 Resp: 134695
Ion Ratio Lower Upper
105 100
120 50.4 39.4 59.2



#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

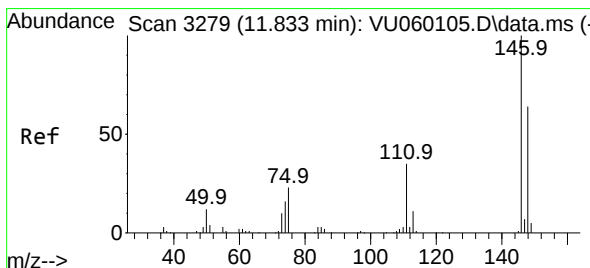
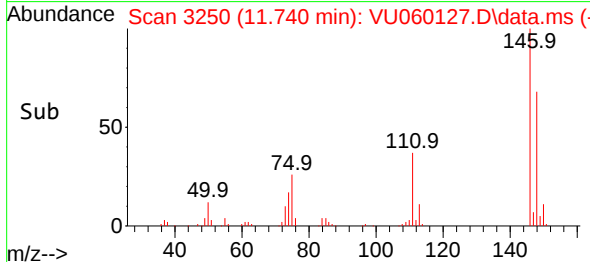
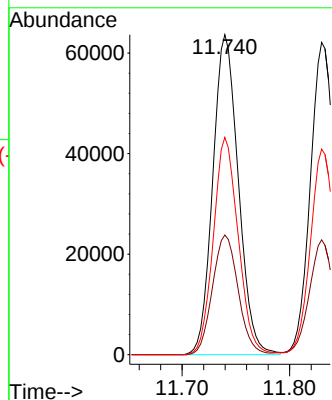
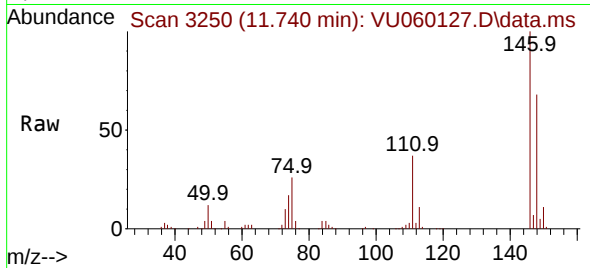




#64
1,3-Dichlorobenzene
Concen: 4.413 ug/L
RT: 11.740 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU060127.D
Acq: 23 Jul 2024 21:15

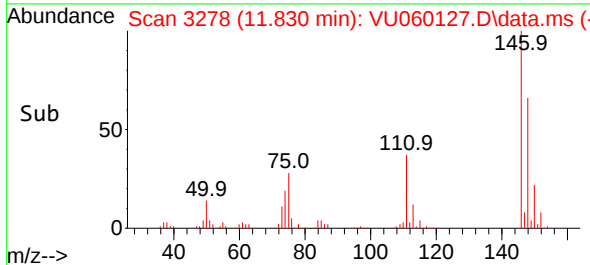
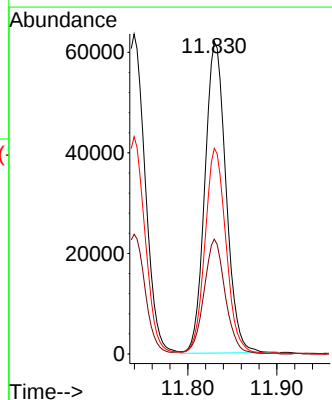
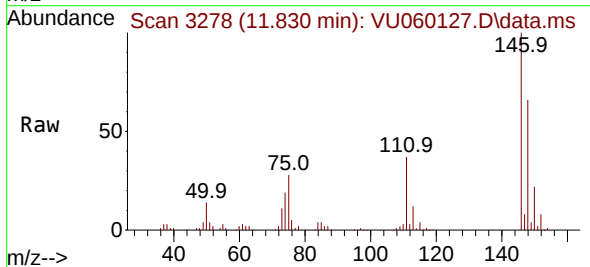
Instrument :
MSVOA_U
ClientSampleId :
YDZH7MS

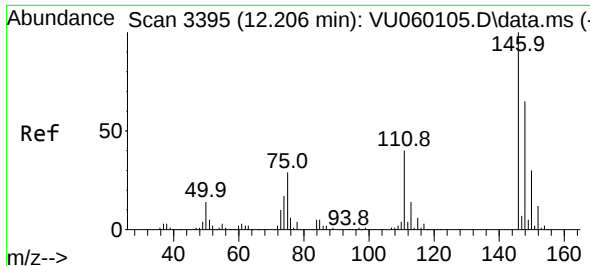
Tgt Ion:146 Resp: 105044
Ion Ratio Lower Upper
146 100
111 37.4 27.2 50.4
148 67.9 44.3 82.3



#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# 31

Delta R.T. -0.000 min

Lab File: VU060127.D

Acq: 23 Jul 2024 21:15

Instrument :

MSVOA_U

ClientSampleId :

YDZH7MS

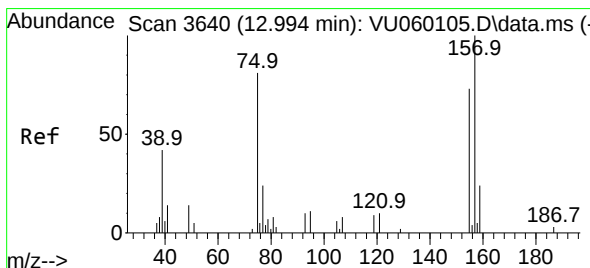
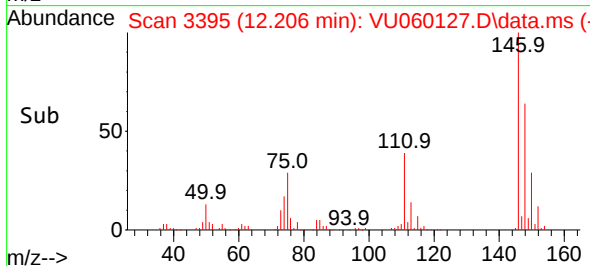
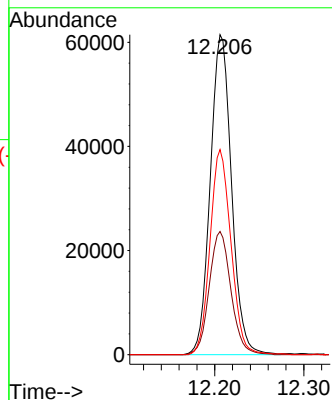
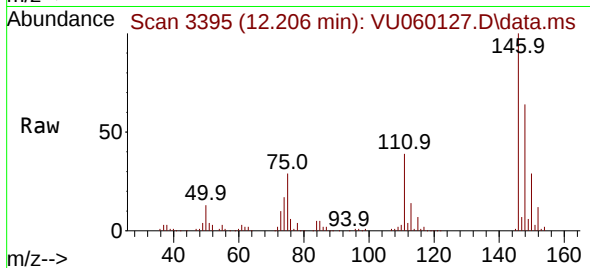
Tgt Ion:146 Resp: 101733

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

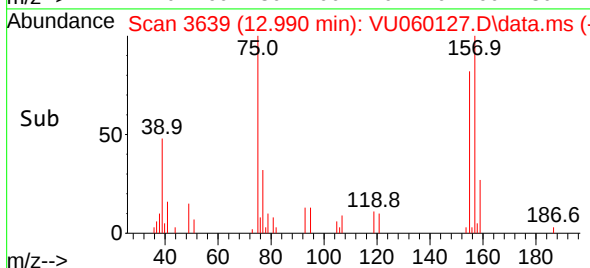
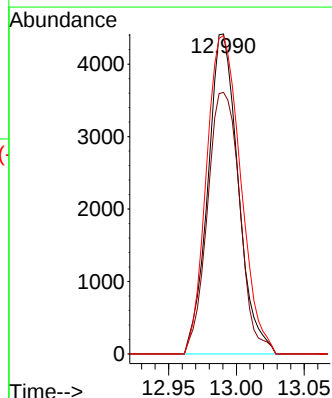
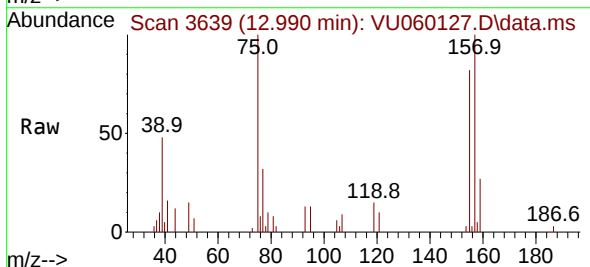
Tgt Ion: 75 Resp: 6869

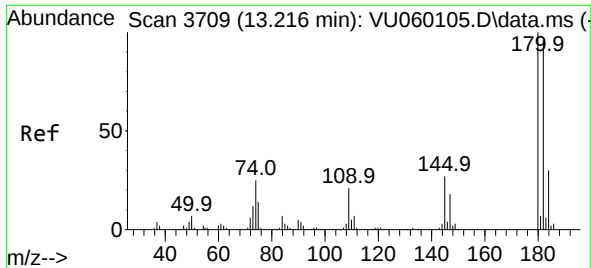
Ion Ratio Lower Upper

75 100

155 81.8 70.6 105.8

157 99.5 99.4 149.2

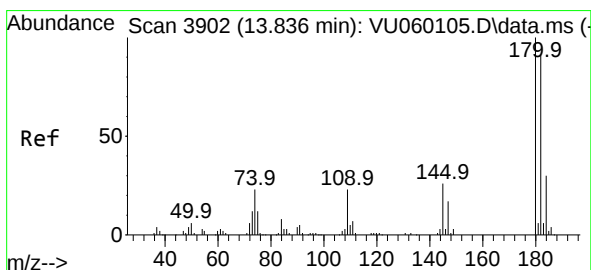
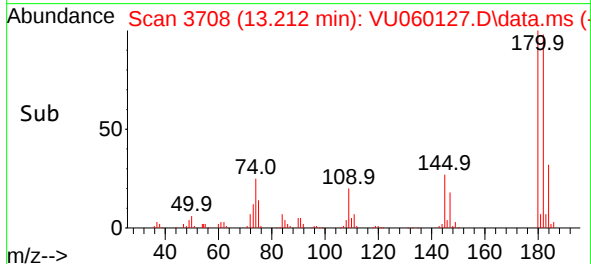
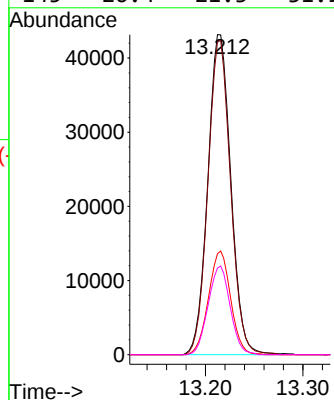
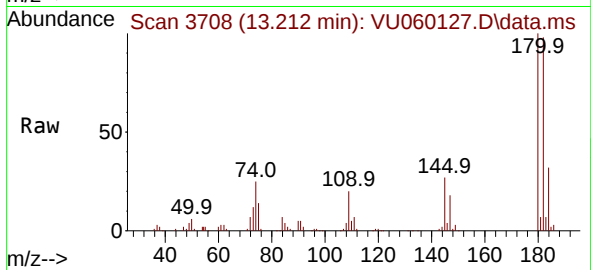




#69
 1,3,5-Trichlorobenzene
 Concen: 3.950 ug/L
 RT: 13.212 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU060127.D
 Acq: 23 Jul 2024 21:15

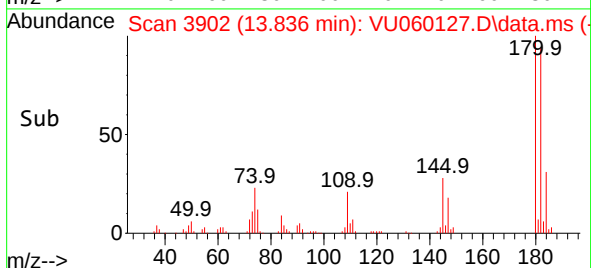
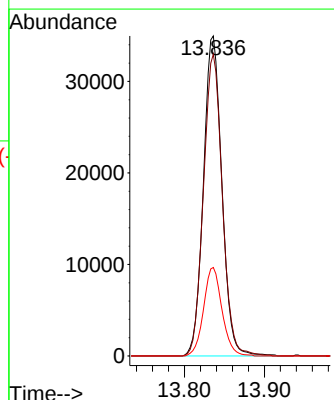
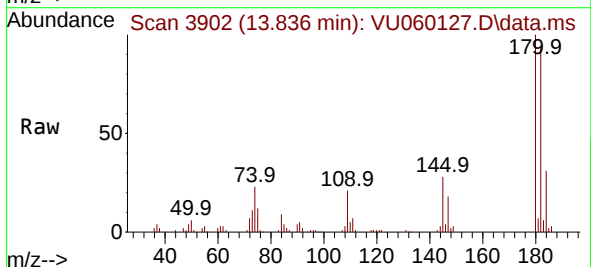
Instrument :
 MSVOA_U
 ClientSampleId :
 YDZH7MS

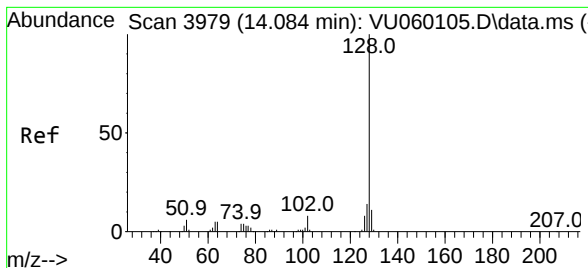
Tgt Ion:180	Resp:	70962
Ion Ratio	Lower	Upper
180	100	
182	96.4	74.6 111.8
184	31.1	23.1 34.7
145	26.4	21.3 31.9



#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 :

YDZH7MS

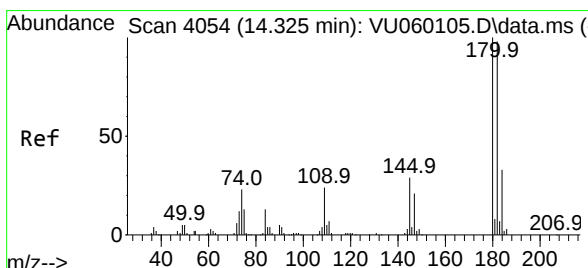
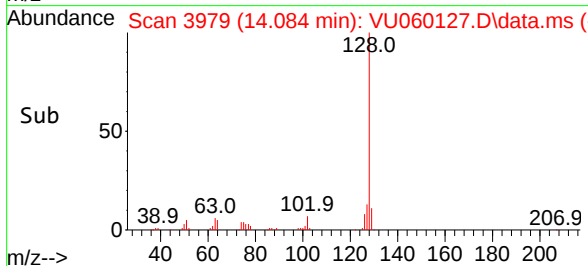
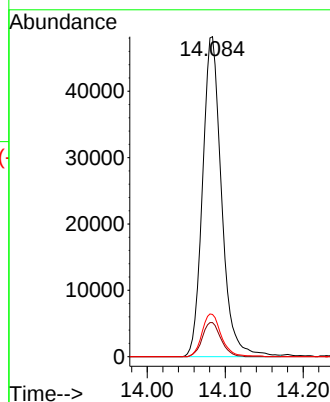
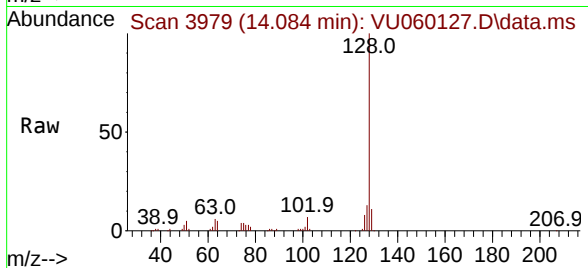
Tgt Ion:128 Resp: 81645

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

