

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092524\
 Data File : VU060996.D
 Acq On : 25 Sep 2024 11:25
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 26 05:30:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 25 04:46:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	153384	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	160498	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	77277	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	53243	3.859	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.200%
7) Chloroethane-d5	1.907	69	41900	4.266	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.400%
11) 1,1-Dichloroethene-d2	2.560	65	19926	4.075	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.600%
20) 2-Butanone-d5	4.634	46	109748	49.553	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.100%
24) Chloroform-d	5.055	84	95021	4.505	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
26) 1,2-Dichloroethane-d4	5.695	65	45100	4.474	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.400%
32) Benzene-d6	5.721	84	175532	4.080	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.600%
36) 1,2-Dichloropropane-d6	6.682	67	58395	4.387	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.800%
41) Toluene-d8	7.891	98	159605	4.070	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.400%
43) trans-1,3-Dichloroprop...	8.174	79	21916	4.574	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.400%
46) 2-Hexanone-d5	8.627	63	90791	48.041	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.080%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	46772	4.486	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	55442	4.270	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.400%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.380	85	50518	4.363	ug/L	99
3) Chloromethane	1.515	50	56946	4.656	ug/L	95
5) Vinyl chloride	1.599	62	62073	4.689	ug/L	96
6) Bromomethane	1.853	94	32816	3.879	ug/L	96
8) Chloroethane	1.930	64	37426	4.628	ug/L	99
9) Trichlorofluoromethane	2.132	101	85954	4.728	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	48588	4.599	ug/L	98
12) 1,1-Dichloroethene	2.573	96	42054	4.359	ug/L	92
13) Acetone	2.657	43	75430	51.050	ug/L	99
14) Carbon disulfide	2.785	76	111579	4.169	ug/L	100
15) Methyl Acetate	2.959	43	16810	4.666	ug/L	93
16) Methylene chloride	3.039	84	51472	4.607	ug/L	95
17) Methyl tert-butyl Ether	3.354	73	99185	4.549	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	42926	4.294	ug/L	97
19) 1,1-Dichloroethane	3.859	63	92896	4.628	ug/L	98
21) 2-Butanone	4.714	43	114949	47.791	ug/L	99
22) cis-1,2-Dichloroethene	4.656	96	49527	4.476	ug/L	99
23) Bromochloromethane	4.965	128	22911	4.384	ug/L	96
25) Chloroform	5.078	83	97393	4.653	ug/L	99

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 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 26 05:30:53 2024
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 25 04:46:41 2024
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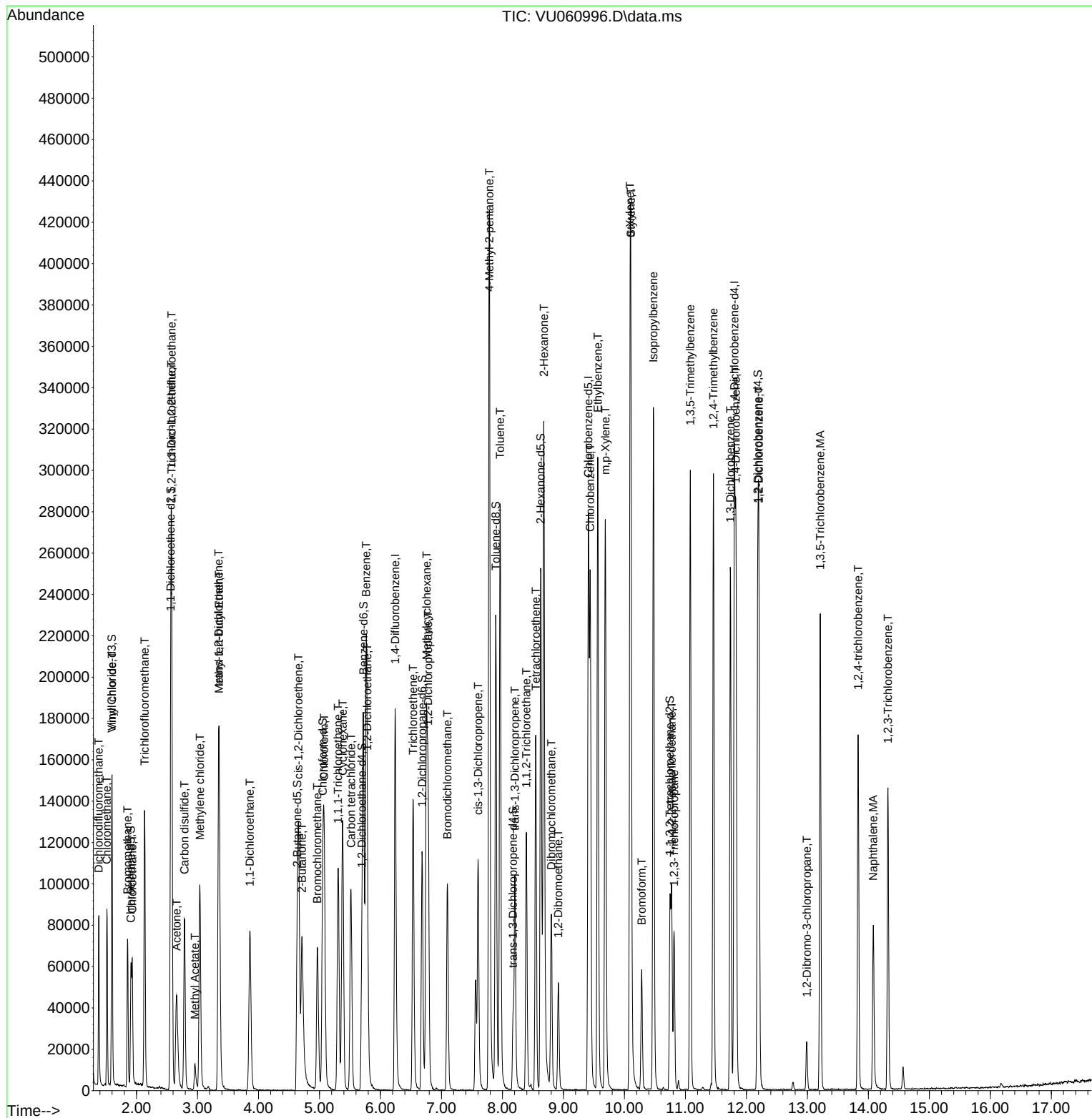
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	56522	4.660	ug/L	100
29) 1,1,1-Trichloroethane	5.306	97	81298	4.692	ug/L	98
30) Cyclohexane	5.380	56	61987	4.352	ug/L	96
31) Carbon tetrachloride	5.518	117	71651	4.671	ug/L	99
33) Benzene	5.766	78	200692	4.547	ug/L	100
34) Trichloroethene	6.534	95	51815	4.479	ug/L	98
35) Methylcyclohexane	6.756	83	67773	4.270	ug/L	98
37) 1,2-Dichloropropane	6.782	63	54758	4.503	ug/L #	98
38) Bromodichloromethane	7.097	83	68621	4.600	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	73837	4.565	ug/L	98
40) 4-Methyl-2-pentanone	7.785	43	274366	48.316	ug/L	98
42) Toluene	7.962	91	217438	4.712	ug/L	96
44) trans-1,3-Dichloropropene	8.203	75	63073	4.742	ug/L	96
45) 1,1,2-Trichloroethane	8.393	97	39113	4.455	ug/L	95
47) Tetrachloroethene	8.547	164	38778	4.218	ug/L	97
48) 2-Hexanone	8.679	43	211562	51.112	ug/L	98
49) Dibromochloromethane	8.801	129	45005	4.503	ug/L	99
50) 1,2-Dibromoethane	8.917	107	36063	4.603	ug/L	95
51) Chlorobenzene	9.441	112	134296	4.334	ug/L	96
52) Ethylbenzene	9.563	91	218522	4.499	ug/L	99
53) m,p-Xylene	9.688	106	81593	4.430	ug/L	97
54) o-Xylene	10.094	106	78882	4.340	ug/L	96
55) Styrene	10.106	104	135631	4.427	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	50068	4.572	ug/L	98
59) Bromoform	10.283	173	26647	4.575	ug/L	97
60) Isopropylbenzene	10.476	105	214921	4.693	ug/L	98
61) 1,2,3-Trichloropropane	10.814	75	34331	4.763	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	159172	4.472	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	159079	4.523	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	106046	4.605	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	104189	4.377	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	98379	4.518	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.991	75	6484	4.607	ug/L	95
69) 1,3,5-Trichlorobenzene	13.209	180	74734	4.339	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	53632	4.420	ug/L	97
71) Naphthalene	14.081	128	69791	4.361	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	46916	4.476	ug/L	99

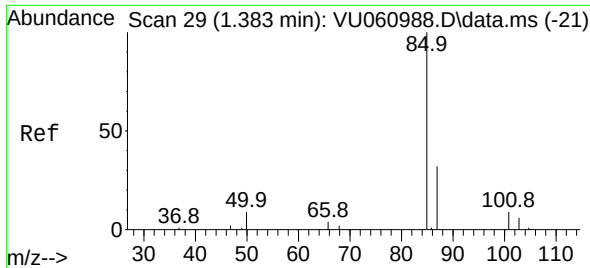
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VU060996.D
Acq On : 25 Sep 2024 11:25
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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Sep 26 05:30:53 2024
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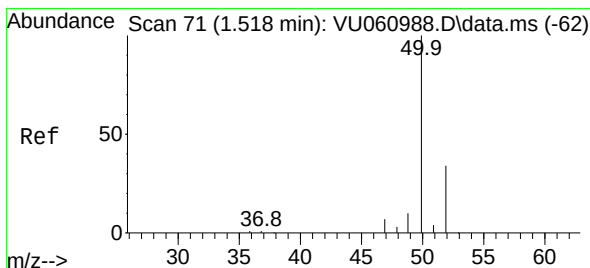
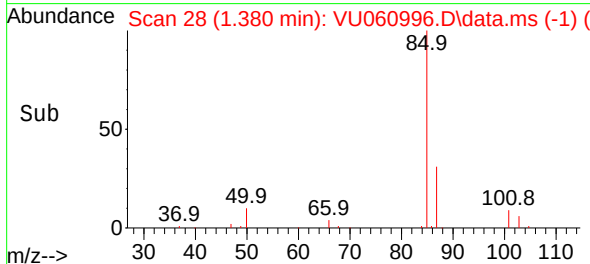
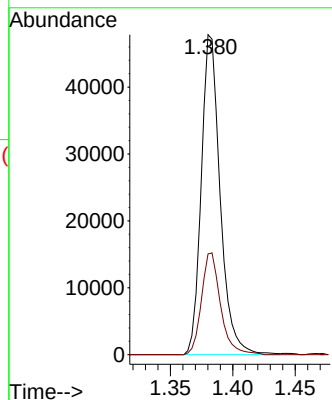
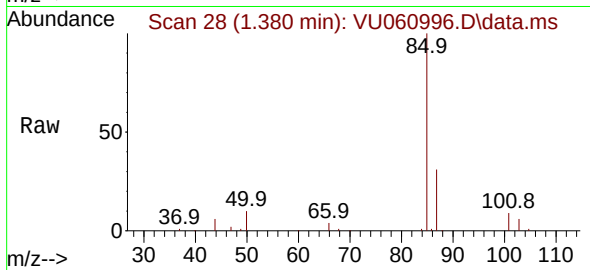




#2
 Dichlorodifluoromethane
 Concen: 4.363 ug/L
 RT: 1.380 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VU060996.D
 Acq: 25 Sep 2024 11:25

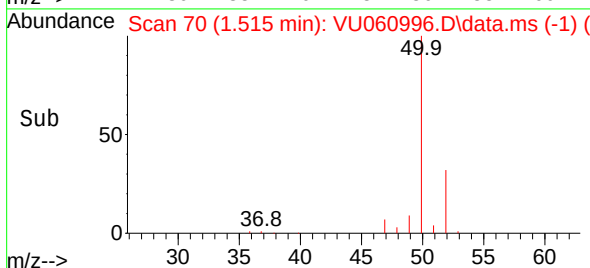
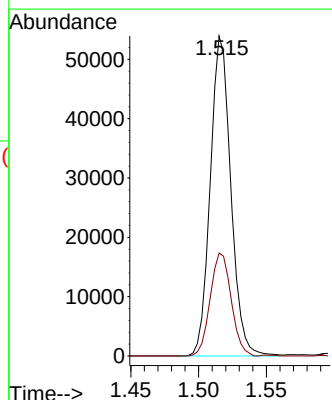
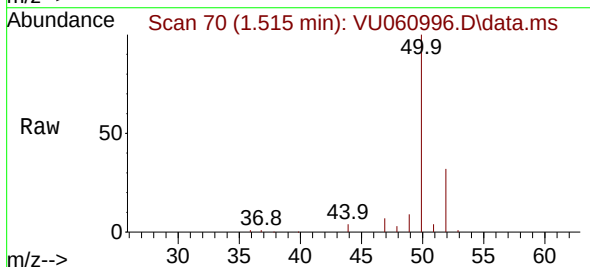
Instrument :
 MSVOA_U
 ClientSampleId :

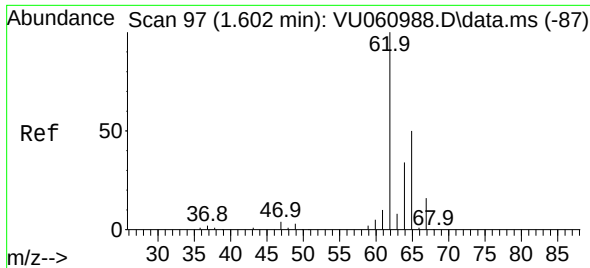
Tgt Ion: 85 Resp: 50518
 Ion Ratio Lower Upper
 85 100
 87 32.1 26.2 39.2



#3
 Chloromethane
 Concen: 4.656 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.003 min
 Lab File: VU060996.D
 Acq: 25 Sep 2024 11:25

Tgt Ion: 50 Resp: 56946
 Ion Ratio Lower Upper
 50 100
 52 32.1 24.4 45.4

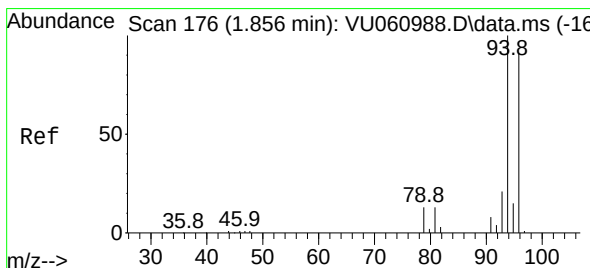
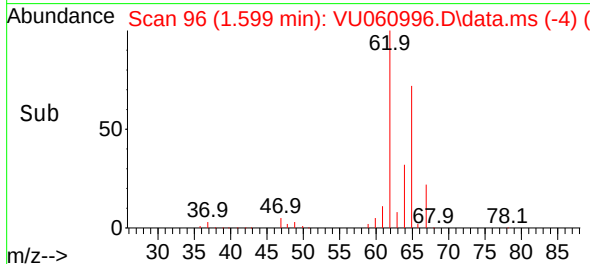
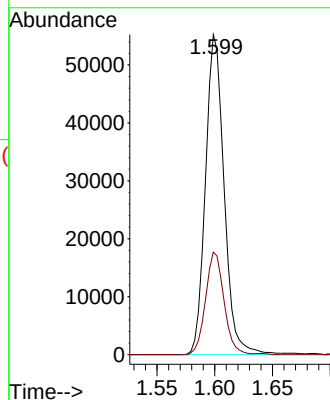
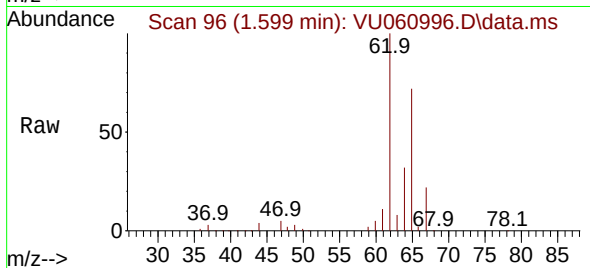




#5
 Vinyl chloride
 Concen: 4.689 ug/L
 RT: 1.599 min Scan# 90
 Delta R.T. -0.003 min
 Lab File: VU060996.D
 Acq: 25 Sep 2024 11:25

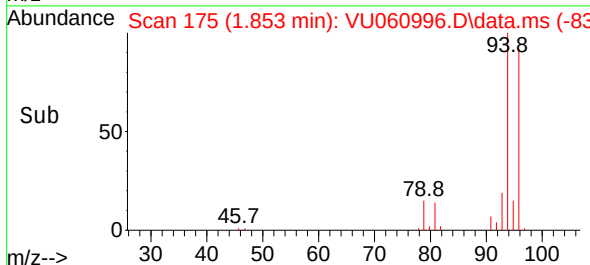
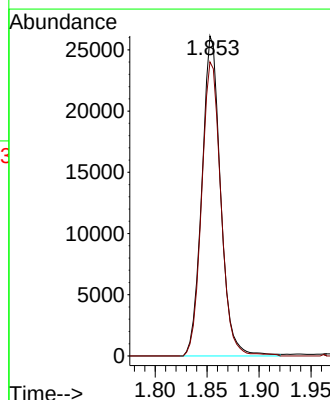
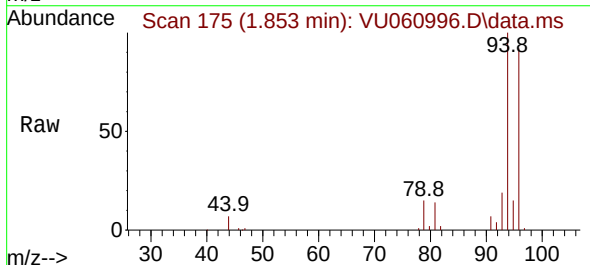
Instrument :
 MSVOA_U
 ClientSampleId :

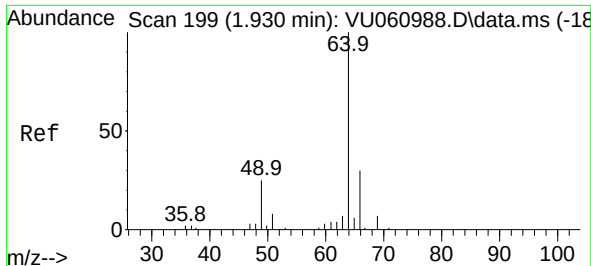
Tgt Ion: 62 Resp: 62073
 Ion Ratio Lower Upper
 62 100
 64 32.1 24.0 44.6



#6
 Bromomethane
 Concen: 3.879 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. -0.003 min
 Lab File: VU060996.D
 Acq: 25 Sep 2024 11:25

Tgt Ion: 94 Resp: 32816
 Ion Ratio Lower Upper
 94 100
 96 91.9 67.3 124.9

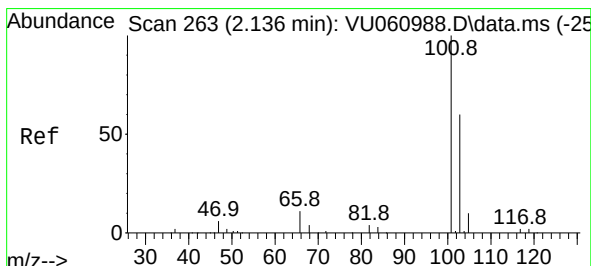
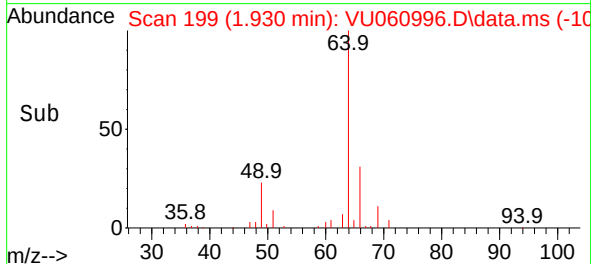
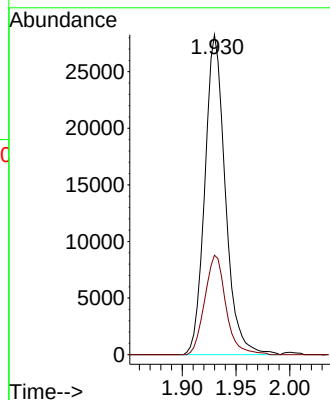
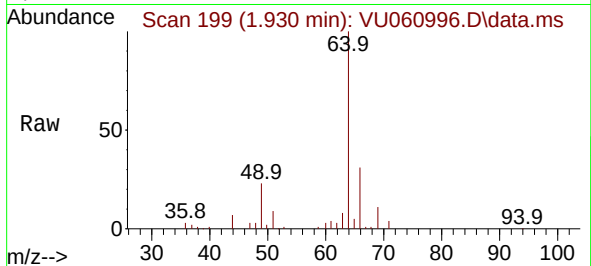




#8
Chloroethane
Concen: 4.628 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU060996.D
Acq: 25 Sep 2024 11:25

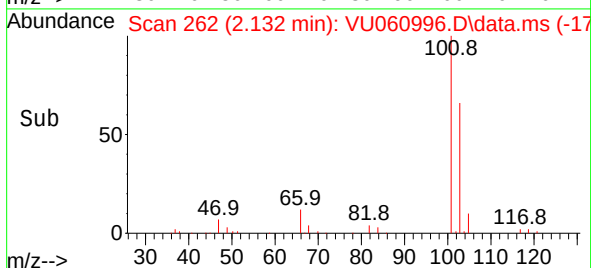
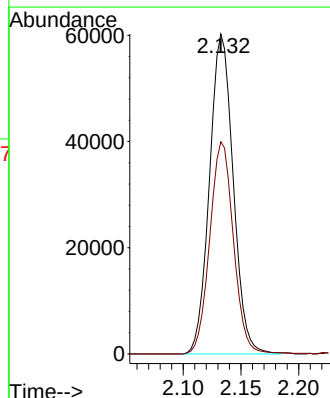
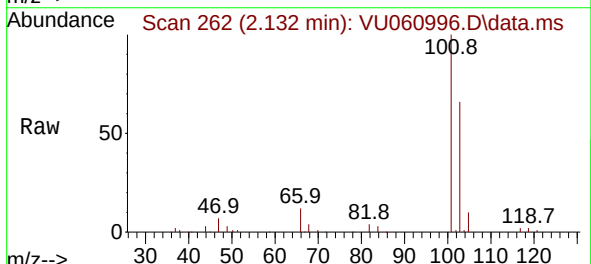
Instrument :
MSVOA_U
ClientSampleId :

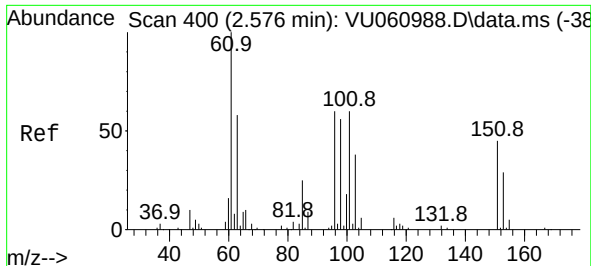
Tgt Ion: 64 Resp: 37426
Ion Ratio Lower Upper
64 100
66 31.1 22.3 41.3



#9
Trichlorofluoromethane
Concen: 4.728 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.003 min
Lab File: VU060996.D
Acq: 25 Sep 2024 11:25

Tgt Ion:101 Resp: 85954
Ion Ratio Lower Upper
101 100
103 66.3 51.4 77.2

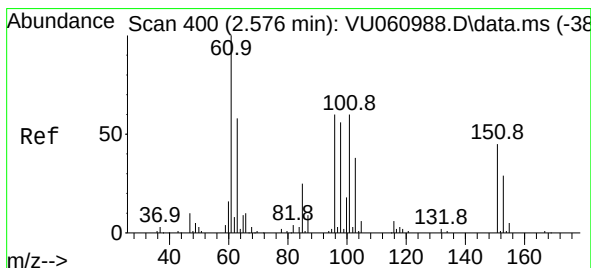
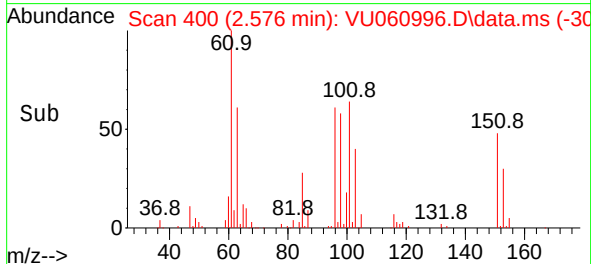
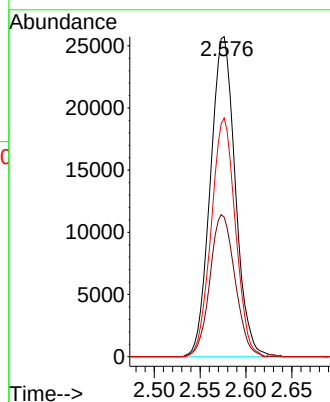
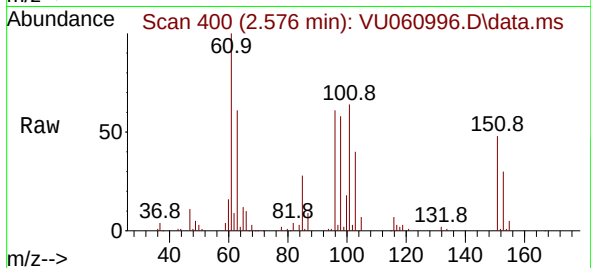




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.599 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU060996.D
Acq: 25 Sep 2024 11:25

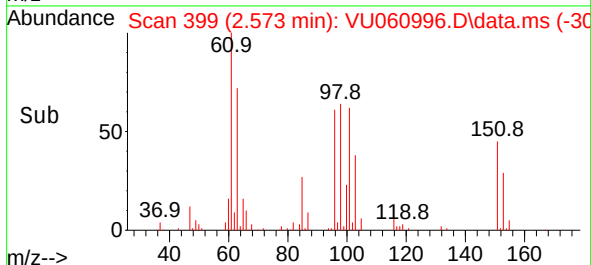
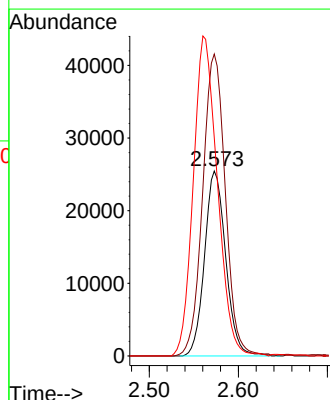
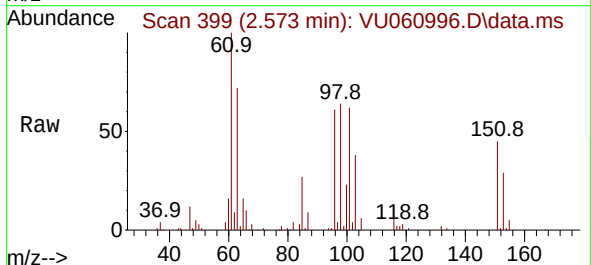
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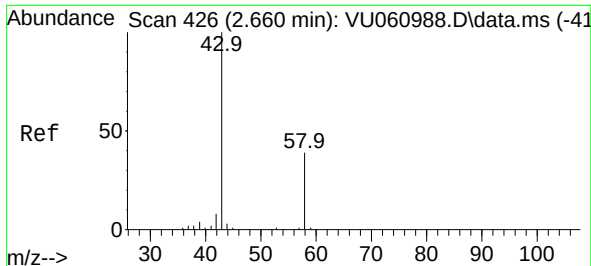
Tgt Ion:101 Resp: 48588
Ion Ratio Lower Upper
101 100
85 44.7 34.2 51.4
151 72.3 58.6 88.0



#12
1,1-Dichloroethene
Concen: 4.359 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU060996.D
Acq: 25 Sep 2024 11:25

Tgt Ion: 96 Resp: 42054
Ion Ratio Lower Upper
96 100
61 163.3 120.7 224.1
63 118.0 90.0 167.2





#13

Acetone

Concen: 51.050 ug/L

RT: 2.657 min Scan# 41

Delta R.T. -0.003 min

Lab File: VU060996.D

Acq: 25 Sep 2024 11:25

Instrument :

MSVOA_U

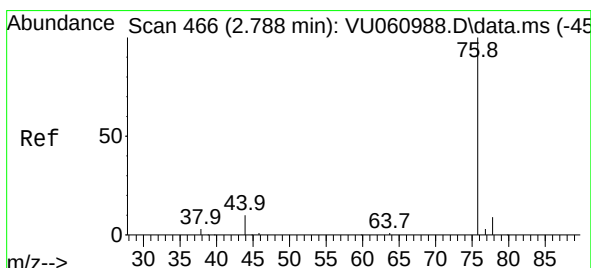
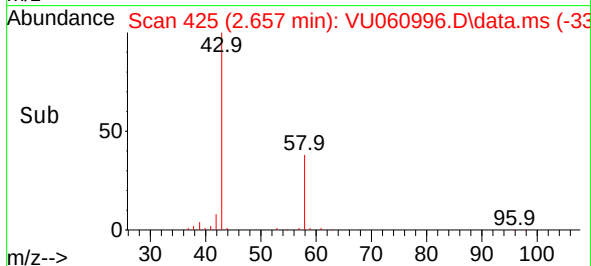
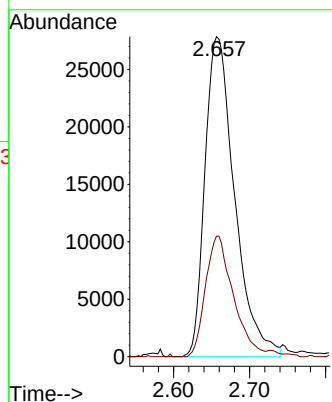
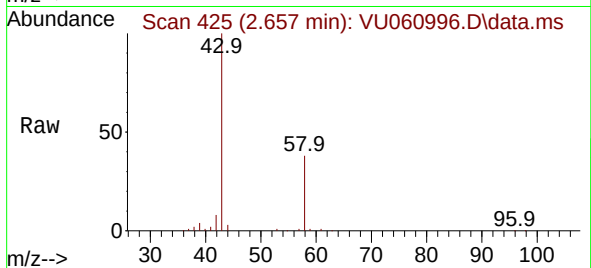
ClientSampleId :

Tgt Ion: 43 Resp: 75430

Ion Ratio Lower Upper

43 100

58 35.2 0.0 69.6



#14

Carbon disulfide

Concen: 4.169 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.003 min

Lab File: VU060996.D

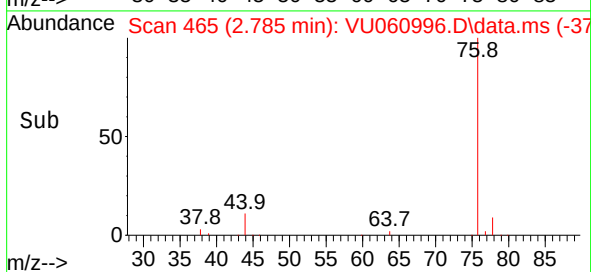
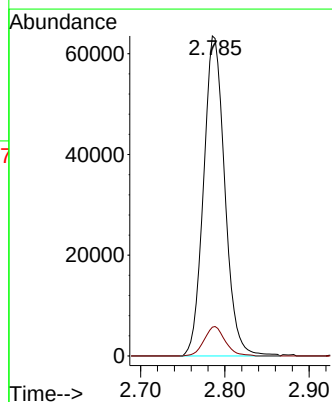
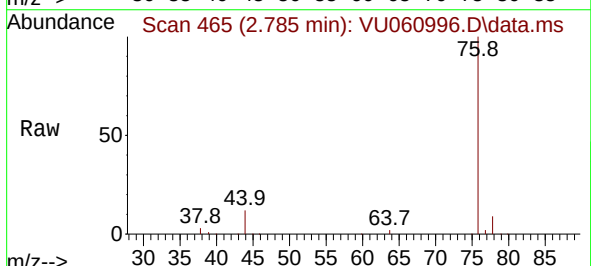
Acq: 25 Sep 2024 11:25

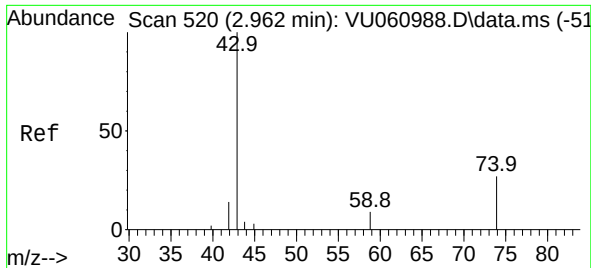
Tgt Ion: 76 Resp: 111579

Ion Ratio Lower Upper

76 100

78 9.0 7.1 10.7





#15

Methyl Acetate

Concen: 4.666 ug/L

RT: 2.959 min Scan# 51

Delta R.T. -0.003 min

Lab File: VU060996.D

Acq: 25 Sep 2024 11:25

Instrument :

MSVOA_U

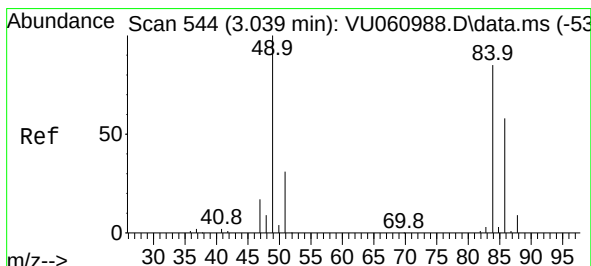
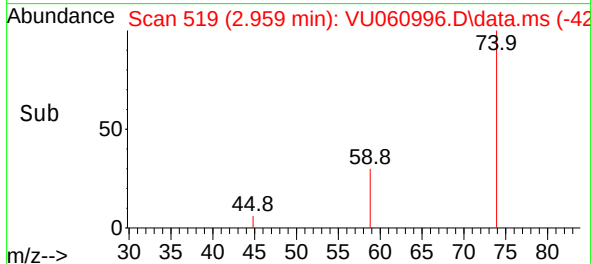
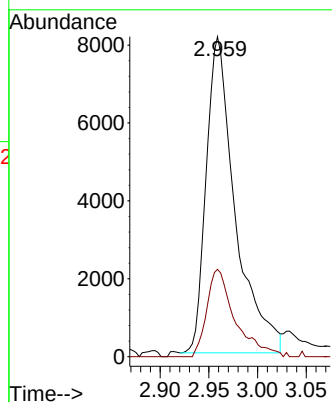
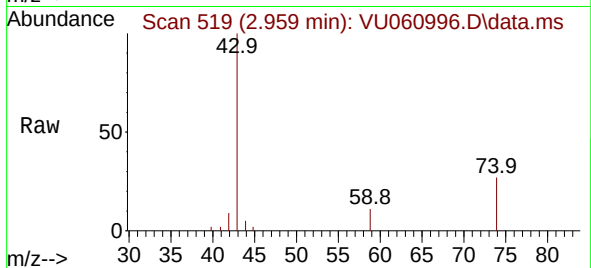
ClientSampleId :

Tgt Ion: 43 Resp: 16810

Ion Ratio Lower Upper

43 100

74 26.9 18.9 28.3



#16

Methylene chloride

Concen: 4.607 ug/L

RT: 3.039 min Scan# 544

Delta R.T. 0.000 min

Lab File: VU060996.D

Acq: 25 Sep 2024 11:25

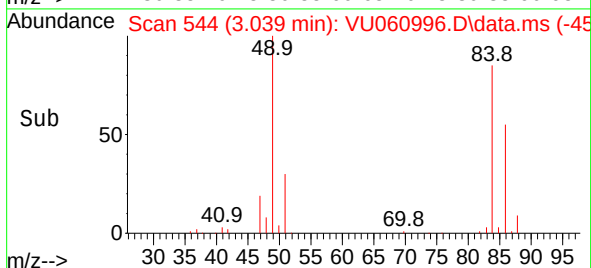
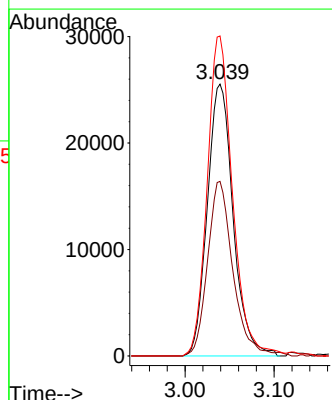
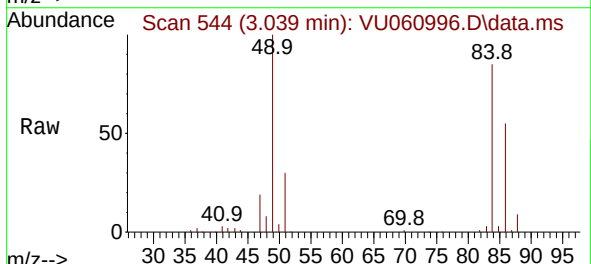
Tgt Ion: 84 Resp: 51472

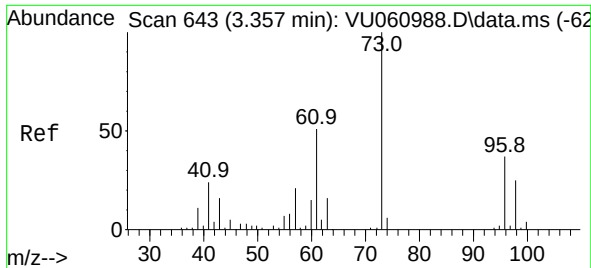
Ion Ratio Lower Upper

84 100

86 64.2 47.3 87.8

49 117.7 78.7 146.1

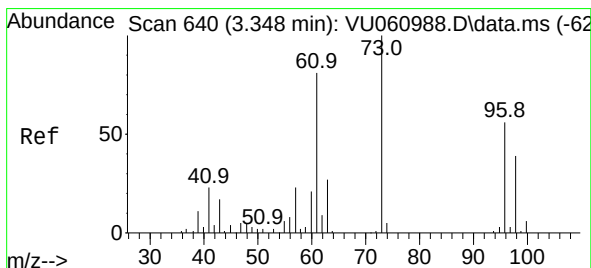
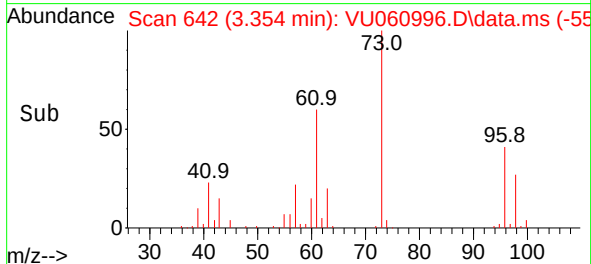
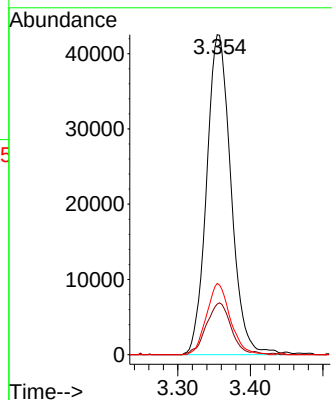
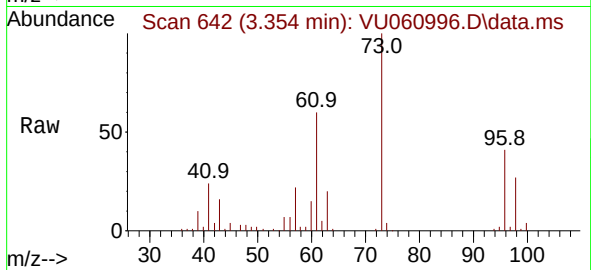




#17
Methyl tert-butyl Ether
Concen: 4.549 ug/L
RT: 3.354 min Scan# 643
Delta R.T. -0.003 min
Lab File: VU060996.D
Acq: 25 Sep 2024 11:25

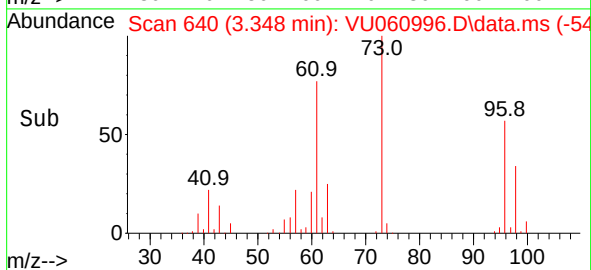
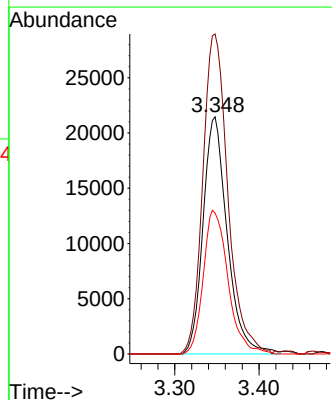
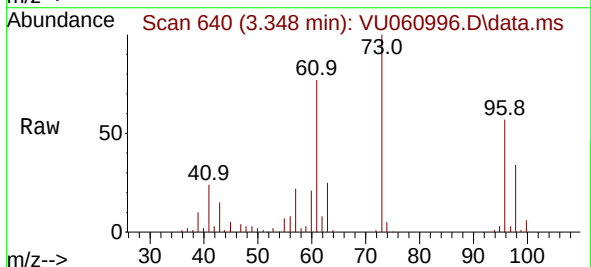
Instrument :
MSVOA_U
ClientSampleId :

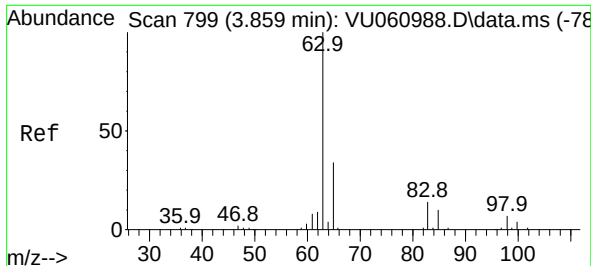
Tgt Ion: 73	Resp: 99185
Ion Ratio	Lower Upper
73 100	
43 16.3	13.8 20.8
57 21.7	18.0 27.0



#18
trans-1,2-Dichloroethene
Concen: 4.294 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU060996.D
Acq: 25 Sep 2024 11:25

Tgt Ion: 96	Resp: 42926
Ion Ratio	Lower Upper
96 100	
61 134.9	97.2 180.6
98 59.5	43.3 80.5

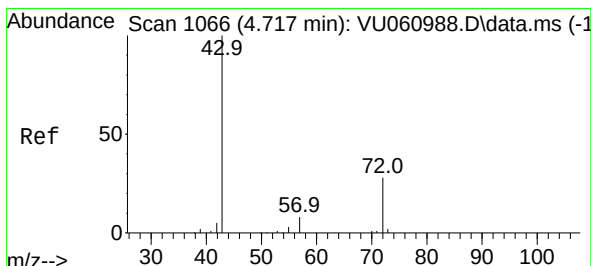
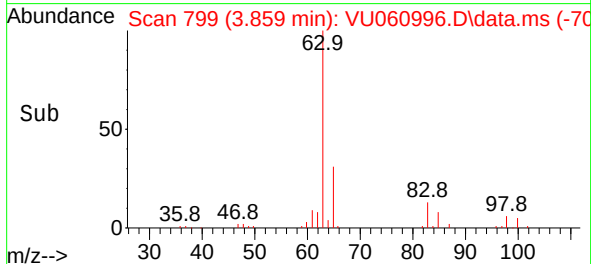
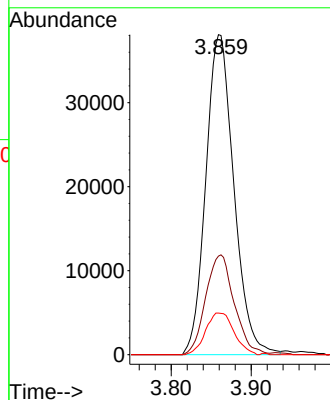
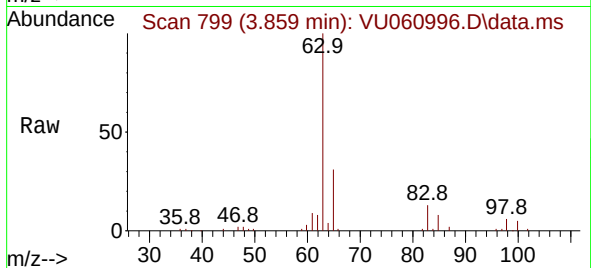




#19
1,1-Dichloroethane
Concen: 4.628 ug/L
RT: 3.859 min Scan# 799
Delta R.T. 0.000 min
Lab File: VU060996.D
Acq: 25 Sep 2024 11:25

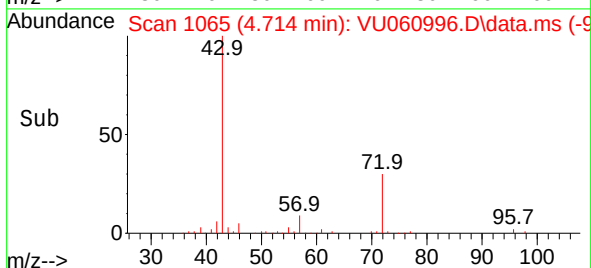
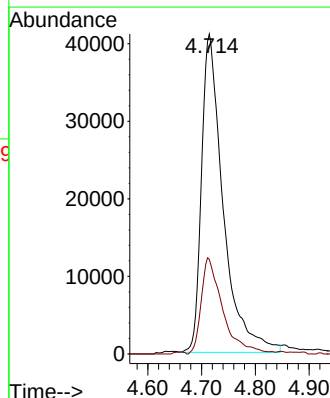
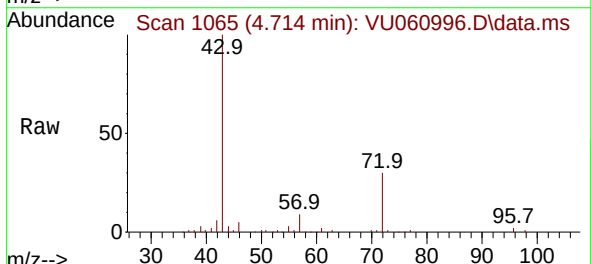
Instrument :
MSVOA_U
ClientSampleId :

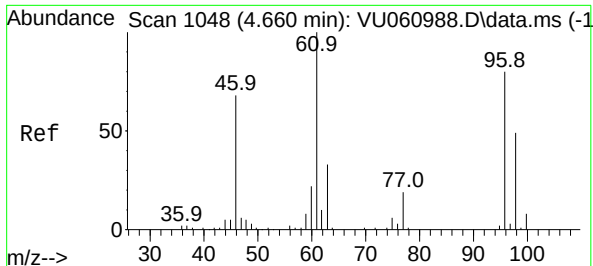
Tgt Ion: 63 Resp: 92896
Ion Ratio Lower Upper
63 100
65 31.4 23.0 42.8
83 13.0 9.0 16.6



#21
2-Butanone
Concen: 47.791 ug/L
RT: 4.714 min Scan# 1065
Delta R.T. -0.003 min
Lab File: VU060996.D
Acq: 25 Sep 2024 11:25

Tgt Ion: 43 Resp: 114949
Ion Ratio Lower Upper
43 100
72 29.8 14.8 44.3

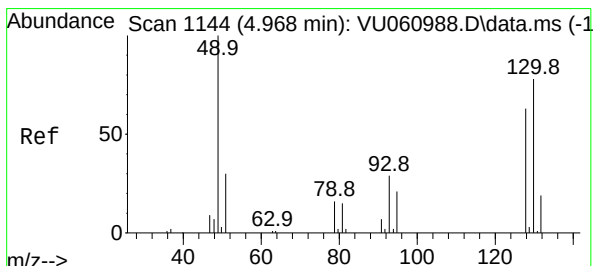
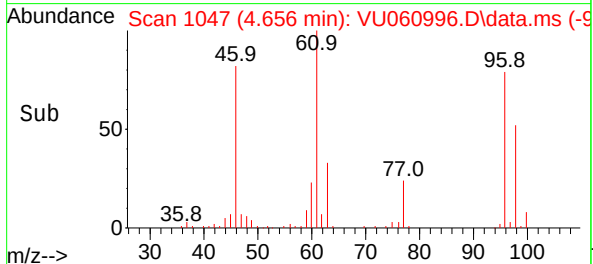
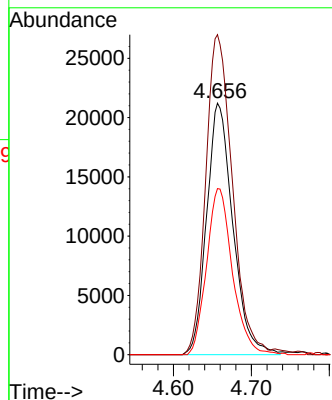
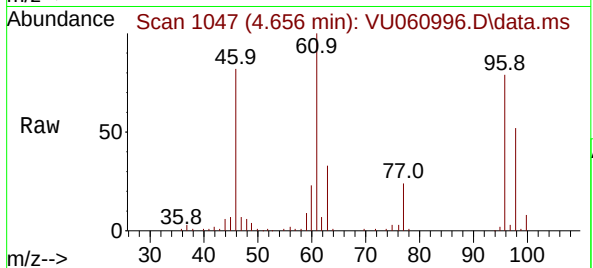




#22
cis-1,2-Dichloroethene
Concen: 4.476 ug/L
RT: 4.656 min Scan# 1104
Delta R.T. -0.003 min
Lab File: VU060996.D
Acq: 25 Sep 2024 11:25

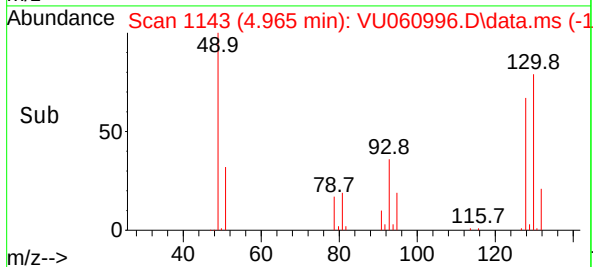
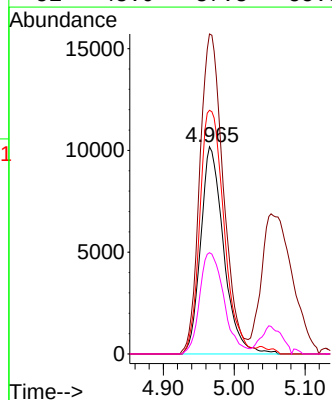
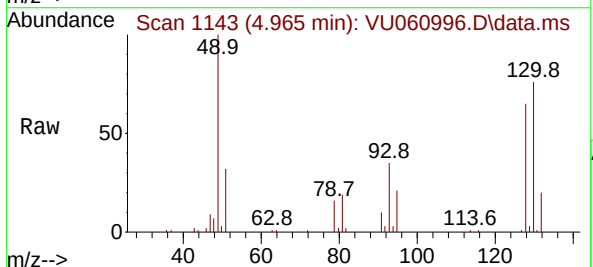
Instrument :
MSVOA_U
ClientSampleId :

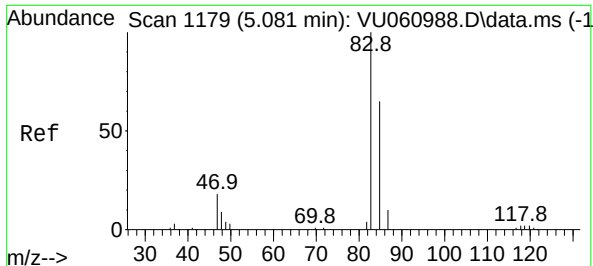
Tgt Ion: 96 Resp: 49527
Ion Ratio Lower Upper
96 100
61 127.2 89.7 166.5
98 66.0 45.1 83.9



#23
Bromochloromethane
Concen: 4.384 ug/L
RT: 4.965 min Scan# 1143
Delta R.T. -0.003 min
Lab File: VU060996.D
Acq: 25 Sep 2024 11:25

Tgt Ion:128 Resp: 22911
Ion Ratio Lower Upper
128 100
49 159.6 109.6 203.6
130 117.6 87.8 163.0
51 48.9 37.3 55.9





#25

Chloroform

Concen: 4.653 ug/L

RT: 5.078 min Scan# 1179

Delta R.T. -0.003 min

Lab File: VU060996.D

Acq: 25 Sep 2024 11:25

Instrument :

MSVOA_U

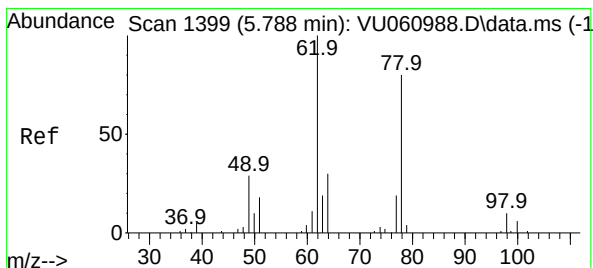
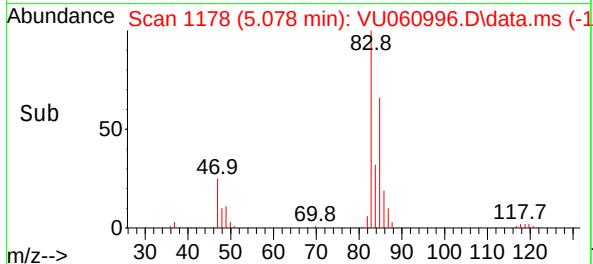
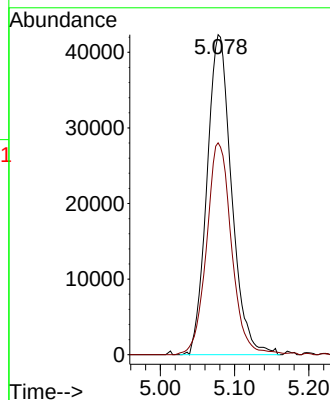
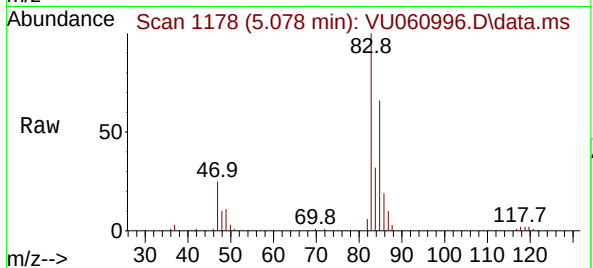
ClientSampleId :

Tgt Ion: 83 Resp: 97393

Ion Ratio Lower Upper

83 100

85 66.2 46.8 86.8



#27

1,2-Dichloroethane

Concen: 4.660 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. -0.003 min

Lab File: VU060996.D

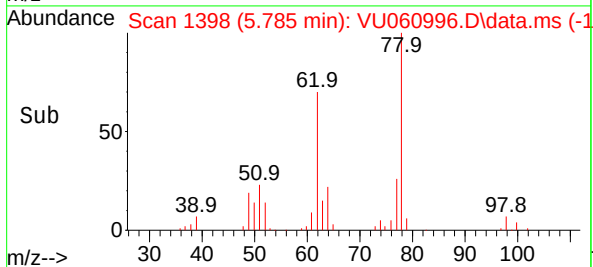
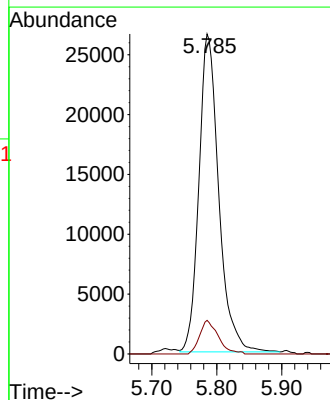
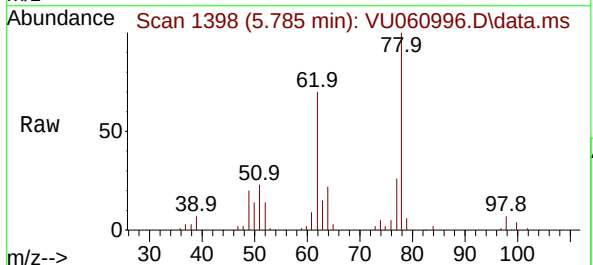
Acq: 25 Sep 2024 11:25

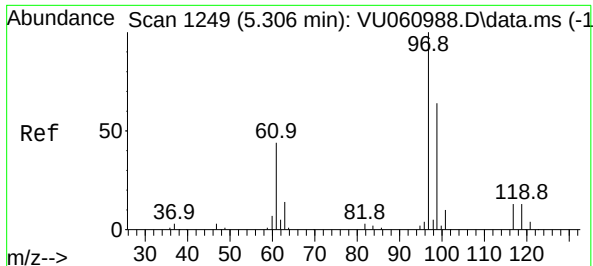
Tgt Ion: 62 Resp: 56522

Ion Ratio Lower Upper

62 100

98 10.5 8.2 12.4

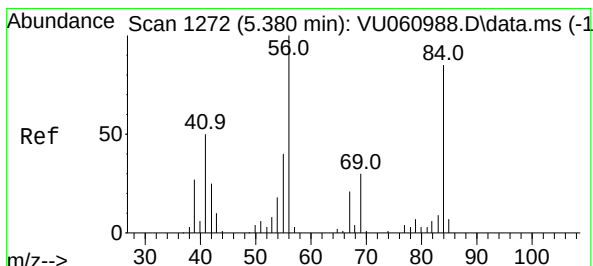
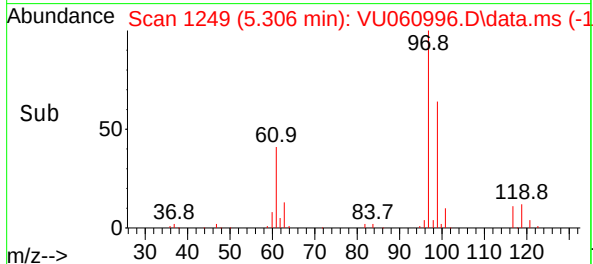
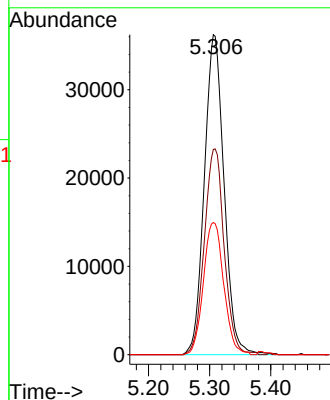
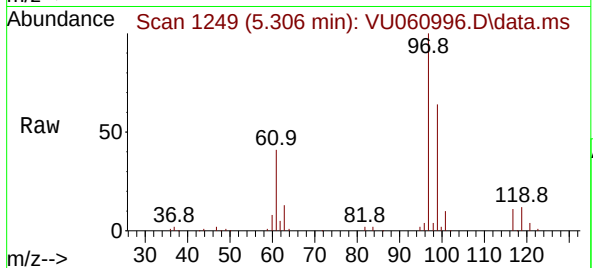




#29
1,1,1-Trichloroethane
Concen: 4.692 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VU060996.D
Acq: 25 Sep 2024 11:25

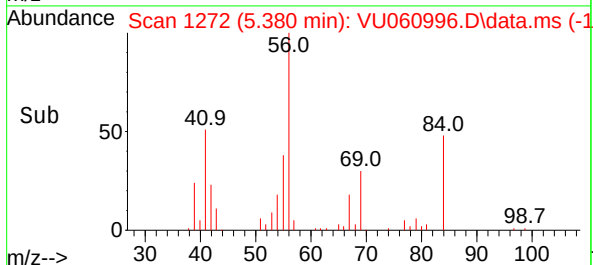
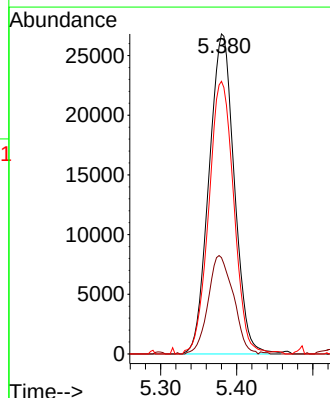
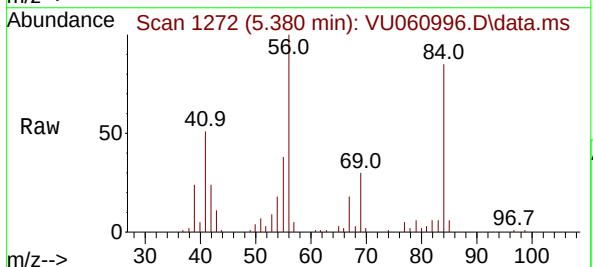
Instrument :
MSVOA_U
ClientSampleId :

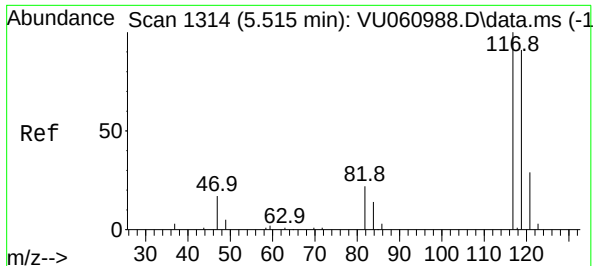
Tgt Ion: 97 Resp: 81298
Ion Ratio Lower Upper
97 100
99 64.7 50.5 75.7
61 42.5 34.4 51.6



#30
Cyclohexane
Concen: 4.352 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VU060996.D
Acq: 25 Sep 2024 11:25

Tgt Ion: 56 Resp: 61987
Ion Ratio Lower Upper
56 100
69 30.5 25.4 38.0
84 84.2 71.0 106.6

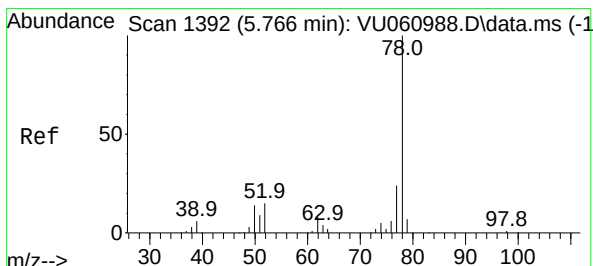
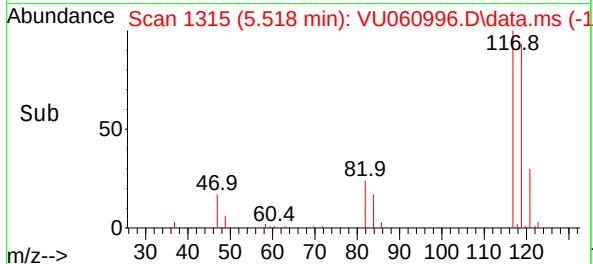
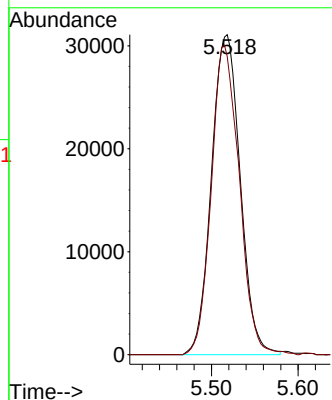
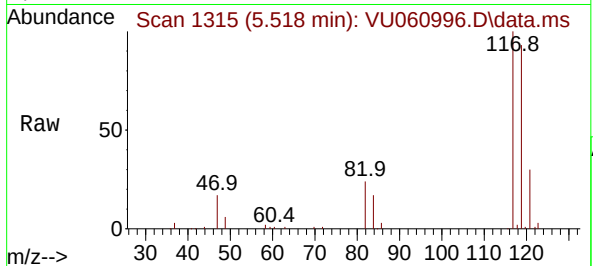




#31
Carbon tetrachloride
Concen: 4.671 ug/L
RT: 5.518 min Scan# 1314
Delta R.T. 0.003 min
Lab File: VU060996.D
Acq: 25 Sep 2024 11:25

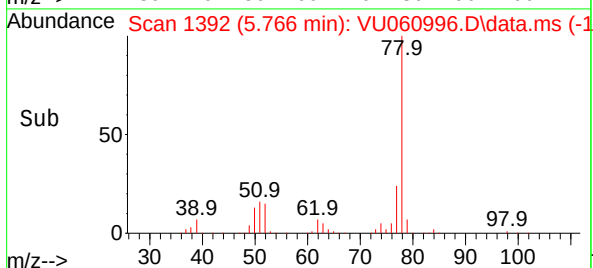
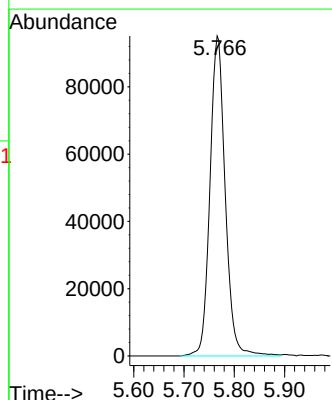
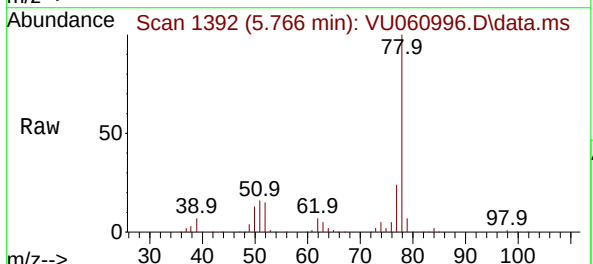
Instrument :
MSVOA_U
ClientSampleId :

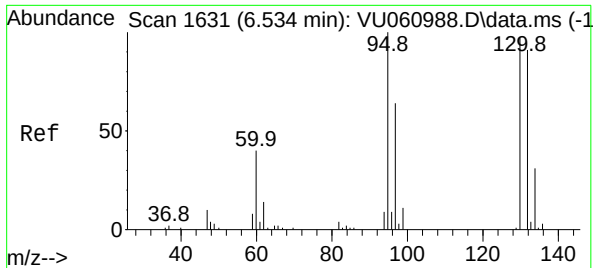
Tgt Ion:117 Resp: 71651
Ion Ratio Lower Upper
117 100
119 94.2 76.3 114.5



#33
Benzene
Concen: 4.547 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU060996.D
Acq: 25 Sep 2024 11:25

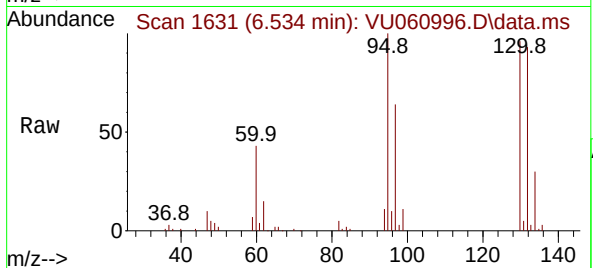
Tgt Ion: 78 Resp: 200692



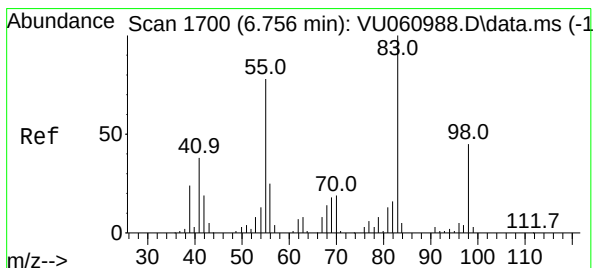
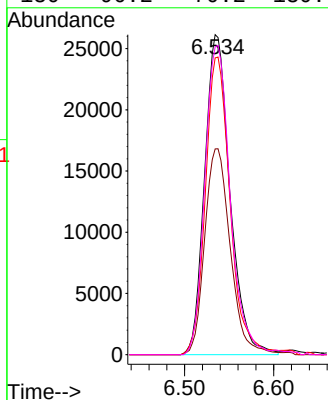
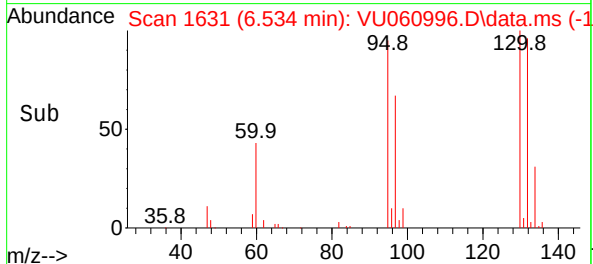


#34
Trichloroethene
Concen: 4.479 ug/L
RT: 6.534 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU060996.D
Acq: 25 Sep 2024 11:25

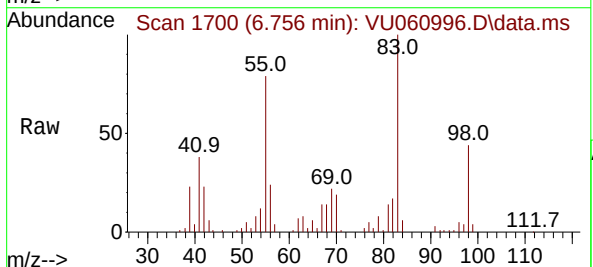
Instrument :
MSVOA_U
ClientSampleId :



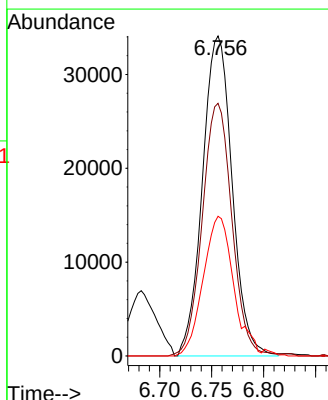
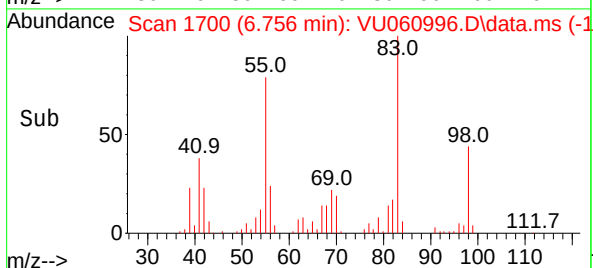
Tgt Ion:	95	Resp:	51815
Ion	Ratio	Lower	Upper
95	100		
97	64.3	44.9	83.5
132	92.8	63.5	117.9
130	96.2	70.2	130.4

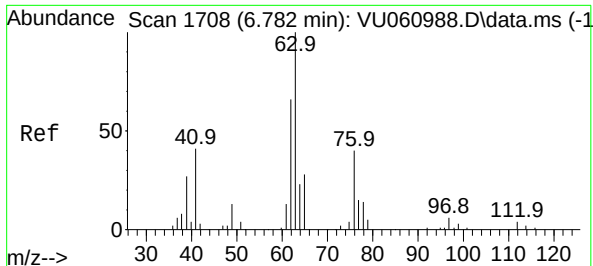


#35
Methylcyclohexane
Concen: 4.270 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VU060996.D
Acq: 25 Sep 2024 11:25



Tgt Ion:	83	Resp:	67773
Ion	Ratio	Lower	Upper
83	100		
55	79.0	62.6	94.0
98	44.6	37.6	56.4

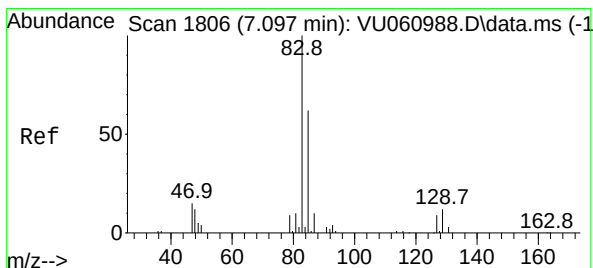
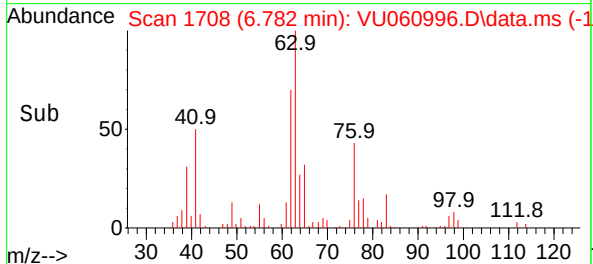
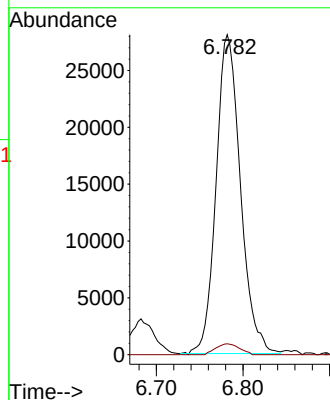
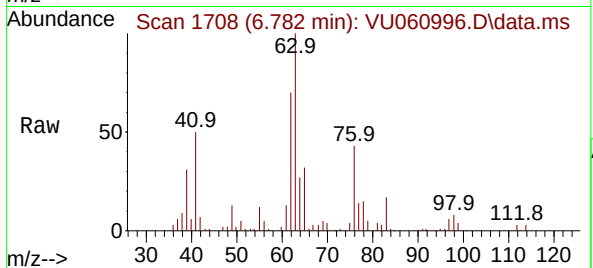




#37
1,2-Dichloropropane
Concen: 4.503 ug/L
RT: 6.782 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU060996.D
Acq: 25 Sep 2024 11:25

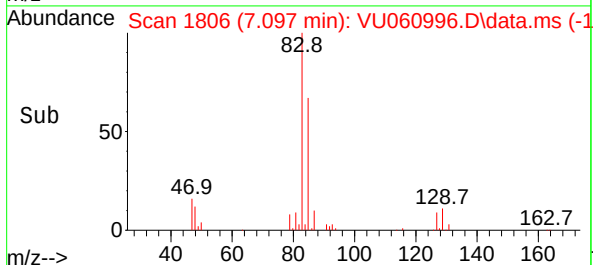
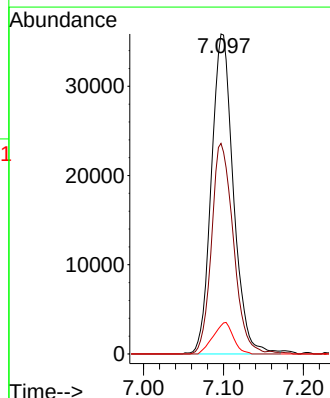
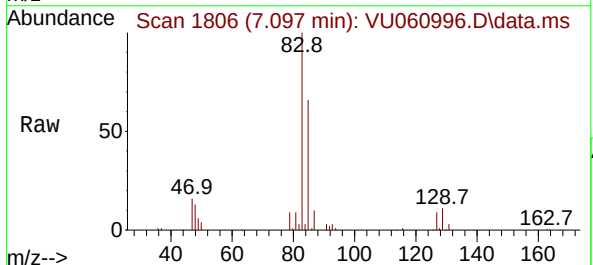
Instrument :
MSVOA_U
ClientSampleId :

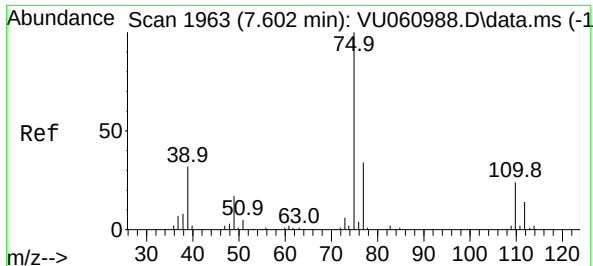
Tgt Ion: 63 Resp: 54758
Ion Ratio Lower Upper
63 100
112 3.3 2.0 3.0#



#38
Bromodichloromethane
Concen: 4.600 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU060996.D
Acq: 25 Sep 2024 11:25

Tgt Ion: 83 Resp: 68621
Ion Ratio Lower Upper
83 100
85 65.8 45.6 84.8
127 8.9 7.0 10.6

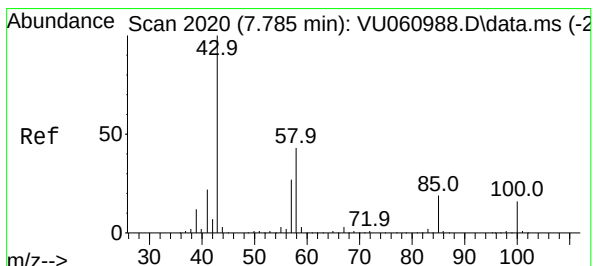
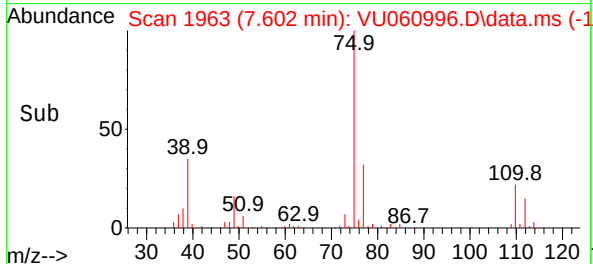
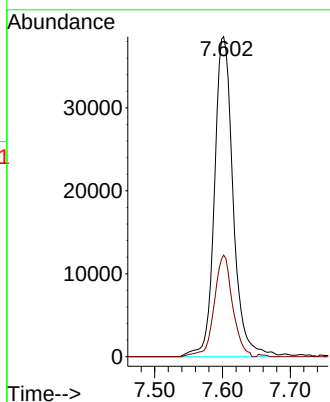
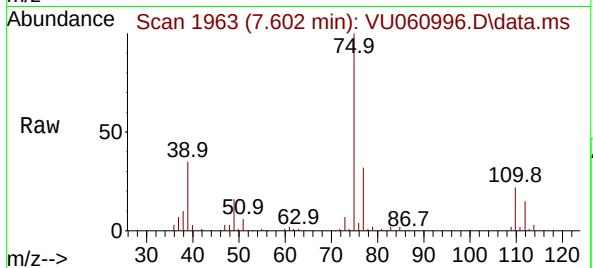




#39
 cis-1,3-Dichloropropene
 Concen: 4.565 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. 0.000 min
 Lab File: VU060996.D
 Acq: 25 Sep 2024 11:25

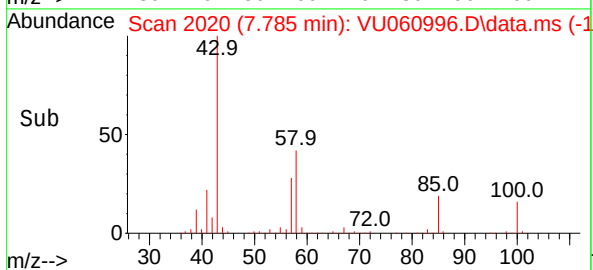
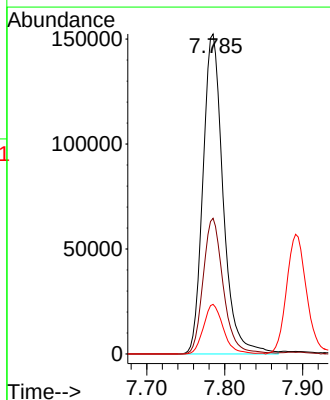
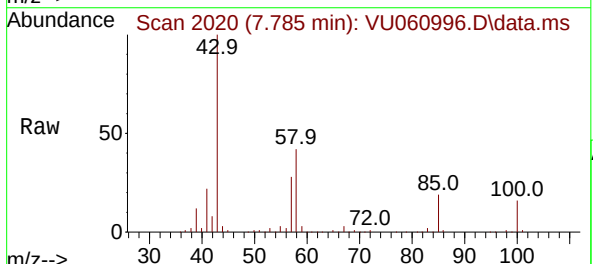
Instrument :
 MSVOA_U
 ClientSampleId :

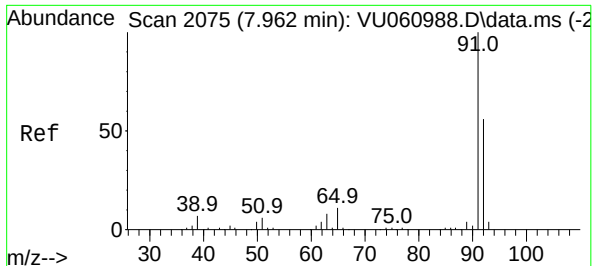
Tgt Ion: 75 Resp: 73837
 Ion Ratio Lower Upper
 75 100
 77 31.7 21.3 39.5



#40
 4-Methyl-2-pentanone
 Concen: 48.316 ug/L
 RT: 7.785 min Scan# 2020
 Delta R.T. 0.000 min
 Lab File: VU060996.D
 Acq: 25 Sep 2024 11:25

Tgt Ion: 43 Resp: 274366
 Ion Ratio Lower Upper
 43 100
 58 42.5 34.9 52.3
 100 15.2 13.4 20.0





#42

Toluene

Concen: 4.712 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU060996.D

Acq: 25 Sep 2024 11:25

Instrument :

MSVOA_U

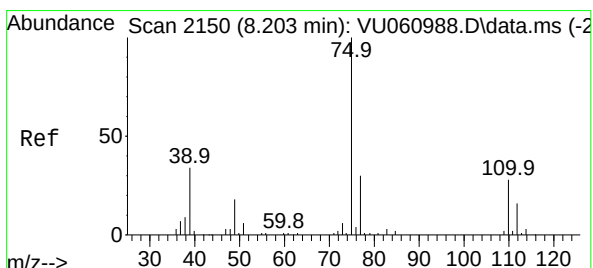
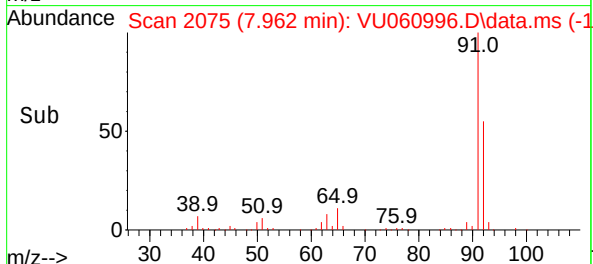
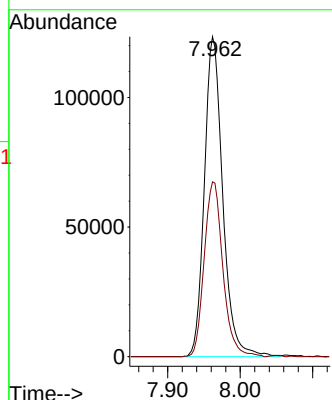
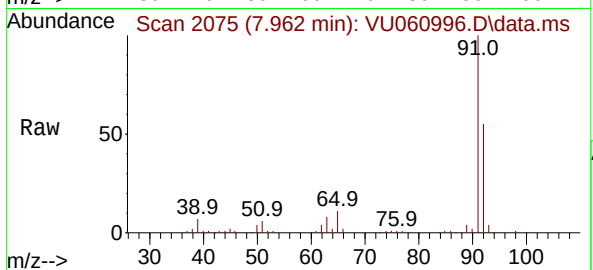
ClientSampleId :

Tgt Ion: 91 Resp: 217438

Ion Ratio Lower Upper

91 100

92 54.6 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 4.742 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. 0.000 min

Lab File: VU060996.D

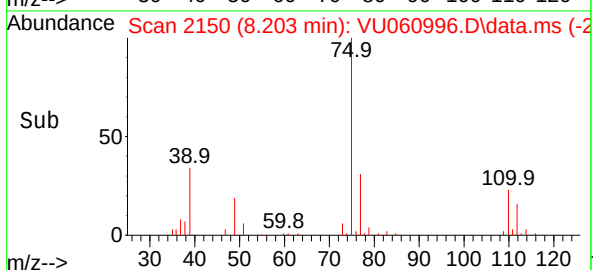
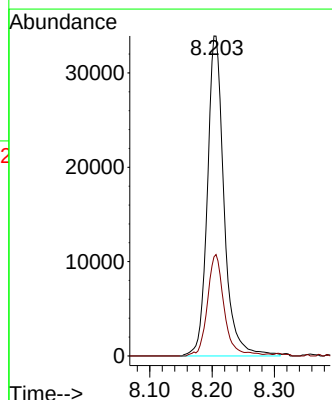
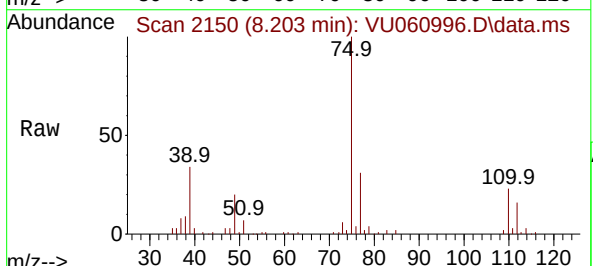
Acq: 25 Sep 2024 11:25

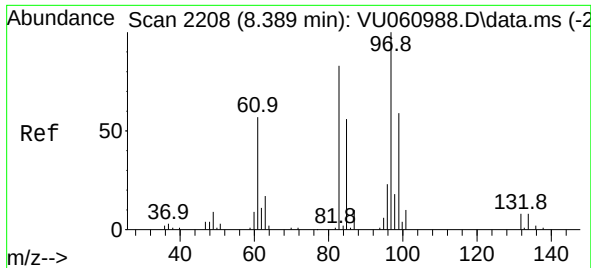
Tgt Ion: 75 Resp: 63073

Ion Ratio Lower Upper

75 100

77 30.9 23.1 42.9

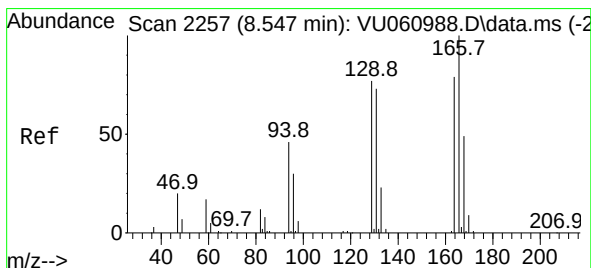
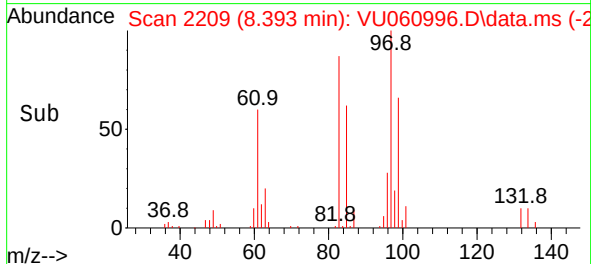
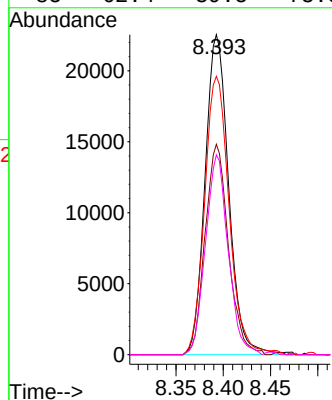
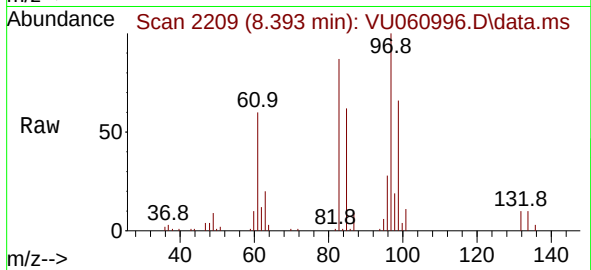




#45
1,1,2-Trichloroethane
Concen: 4.455 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.003 min
Lab File: VU060996.D
Acq: 25 Sep 2024 11:25

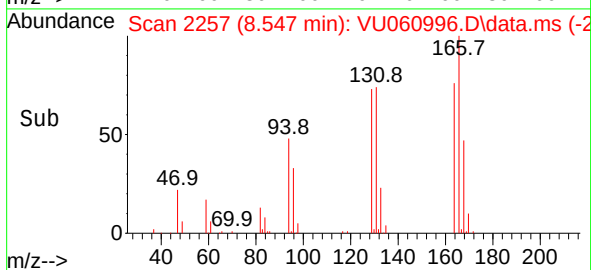
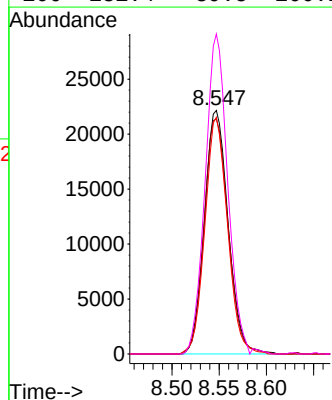
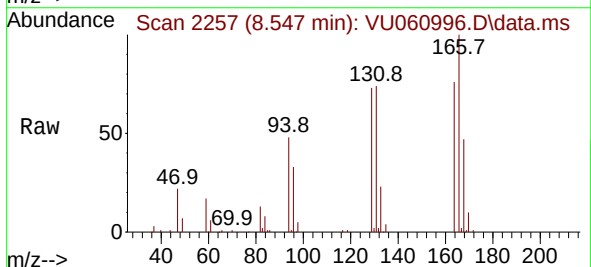
Instrument :
MSVOA_U
ClientSampleId :

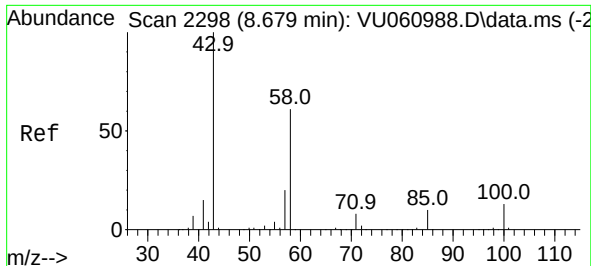
Tgt Ion:	97	Resp:	39113
Ion	Ratio	Lower	Upper
97	100		
99	65.7	42.3	78.5
83	87.0	61.7	114.5
85	62.4	39.5	73.3



#47
Tetrachloroethene
Concen: 4.218 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU060996.D
Acq: 25 Sep 2024 11:25

Tgt Ion:	164	Resp:	38778
Ion	Ratio	Lower	Upper
164	100		
129	96.5	67.3	124.9
131	97.2	65.4	121.4
166	131.4	89.5	166.1

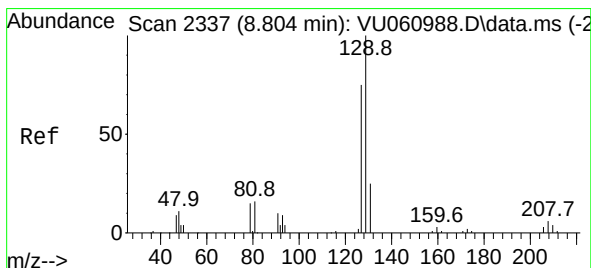
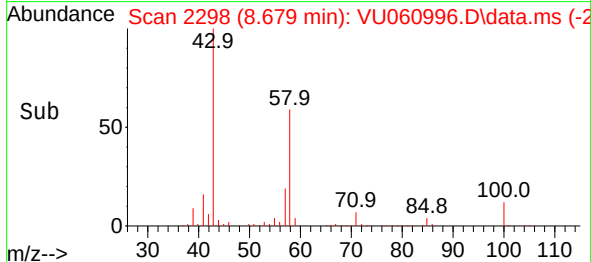
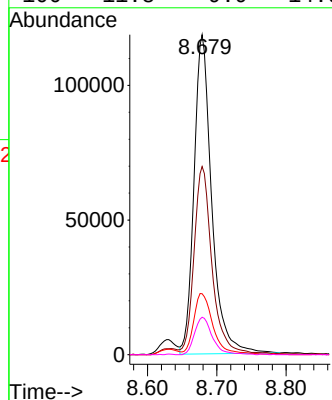
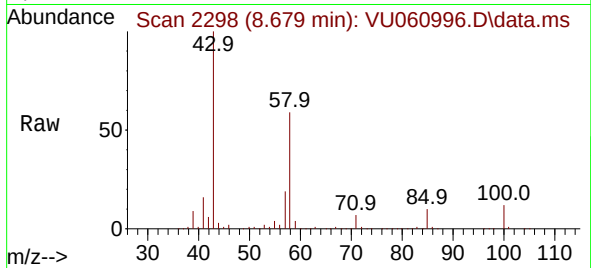




#48
2-Hexanone
Concen: 51.112 ug/L
RT: 8.679 min Scan# 211562
Delta R.T. 0.000 min
Lab File: VU060996.D
Acq: 25 Sep 2024 11:25

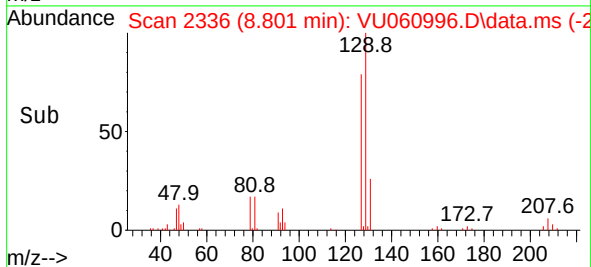
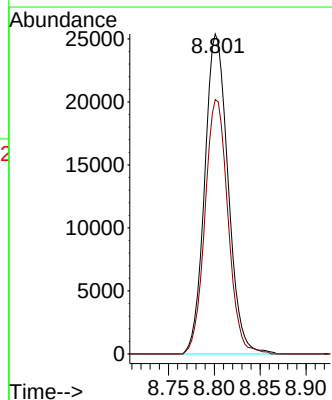
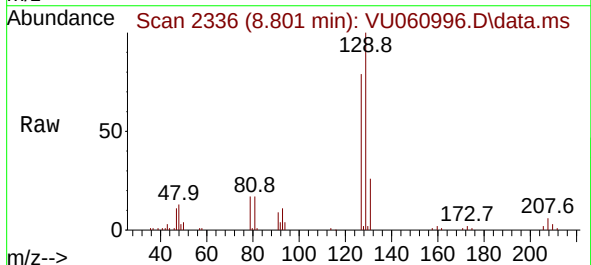
Instrument :
MSVOA_U
ClientSampleId :

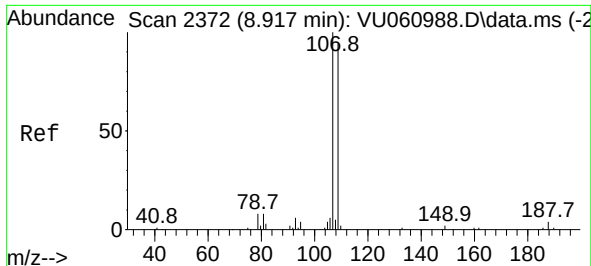
Tgt Ion:	43	Resp:	211562
Ion	Ratio	Lower	Upper
43	100		
58	58.5	48.3	72.5
57	20.5	15.9	23.9
100	11.8	9.9	14.9



#49
Dibromochloromethane
Concen: 4.503 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. -0.003 min
Lab File: VU060996.D
Acq: 25 Sep 2024 11:25

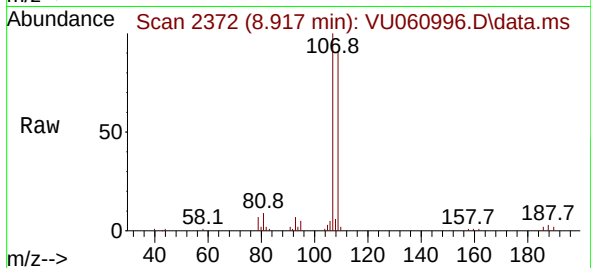
Tgt Ion:	129	Resp:	45005
Ion	Ratio	Lower	Upper
129	100		
127	79.5	56.1	104.1



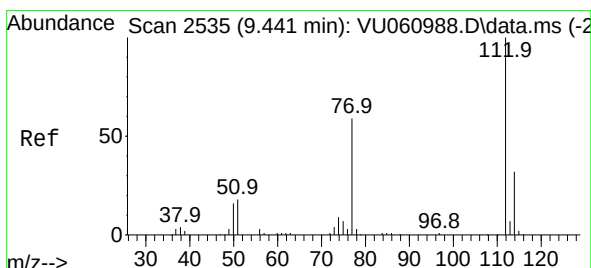
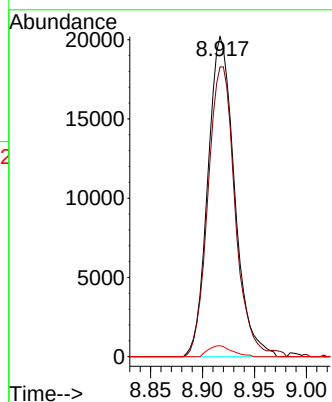
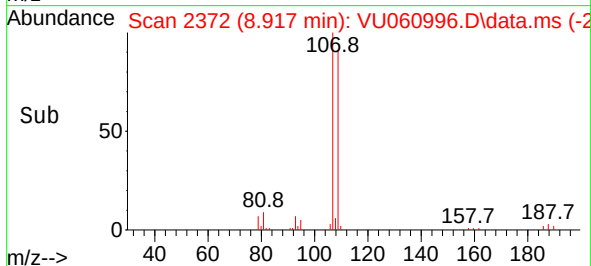


#50
1,2-Dibromoethane
Concen: 4.603 ug/L
RT: 8.917 min Scan# 2372
Delta R.T. 0.000 min
Lab File: VU060996.D
Acq: 25 Sep 2024 11:25

Instrument :
MSVOA_U
ClientSampleId :

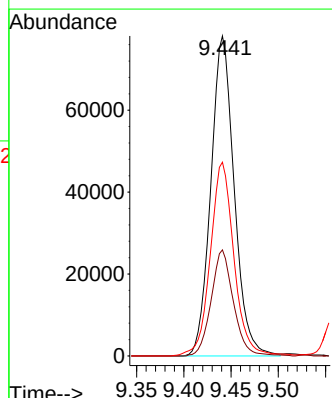
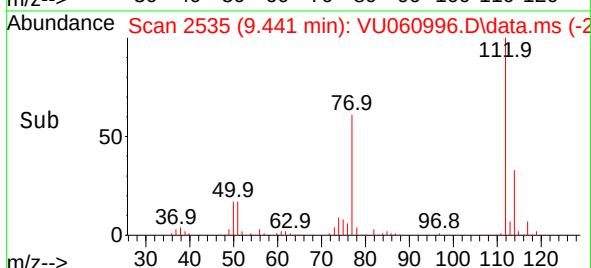
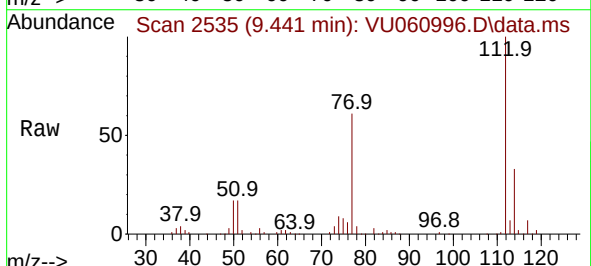


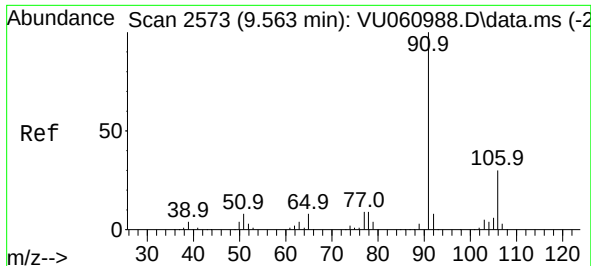
Tgt Ion:107 Resp: 36063
Ion Ratio Lower Upper
107 100
109 90.6 66.8 124.0
188 3.5 3.4 5.0



#51
Chlorobenzene
Concen: 4.334 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.000 min
Lab File: VU060996.D
Acq: 25 Sep 2024 11:25

Tgt Ion:112 Resp: 134296
Ion Ratio Lower Upper
112 100
114 33.2 22.2 41.2
77 60.6 46.1 69.1





#52

Ethylbenzene

Concen: 4.499 ug/L

RT: 9.563 min Scan# 2573

Delta R.T. 0.000 min

Lab File: VU060996.D

Acq: 25 Sep 2024 11:25

Instrument :

MSVOA_U

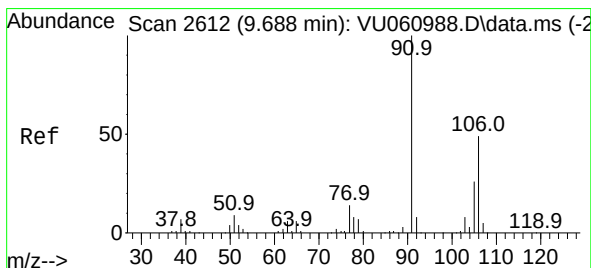
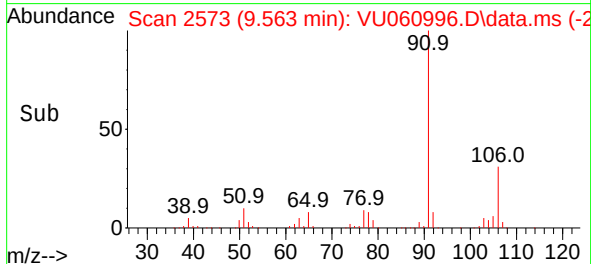
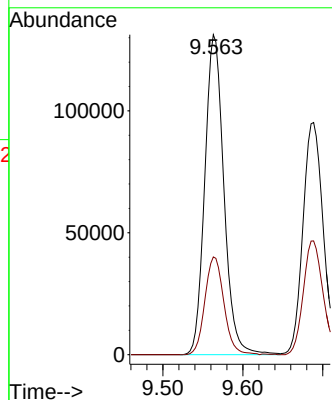
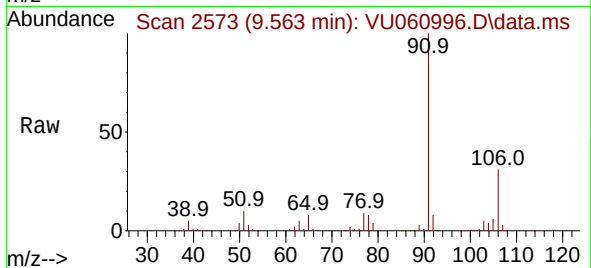
ClientSampleId :

Tgt Ion: 91 Resp: 218522

Ion Ratio Lower Upper

91 100

106 30.5 21.8 40.6



#53

m,p-Xylene

Concen: 4.430 ug/L

RT: 9.688 min Scan# 2612

Delta R.T. 0.000 min

Lab File: VU060996.D

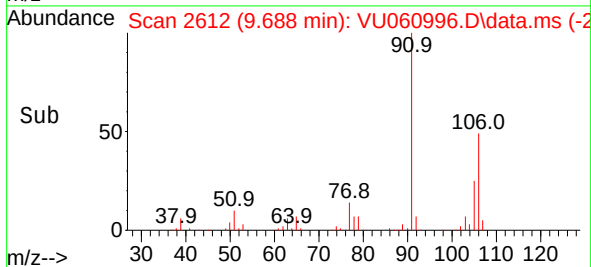
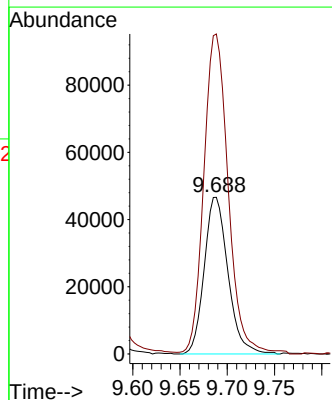
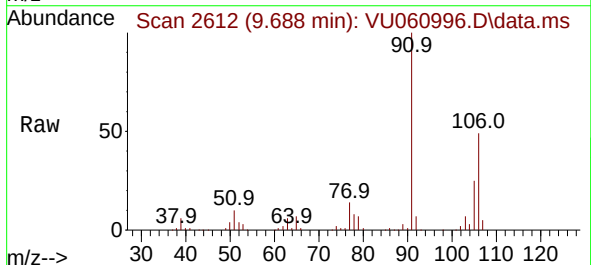
Acq: 25 Sep 2024 11:25

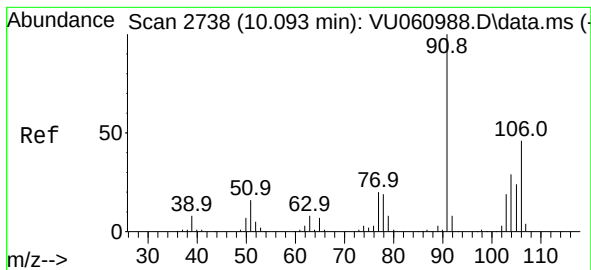
Tgt Ion: 106 Resp: 81593

Ion Ratio Lower Upper

106 100

91 204.2 139.7 259.4





#54

o-Xylene

Concen: 4.340 ug/L

RT: 10.094 min Scan# 2738

Delta R.T. 0.000 min

Lab File: VU060996.D

Acq: 25 Sep 2024 11:25

Instrument :

MSVOA_U

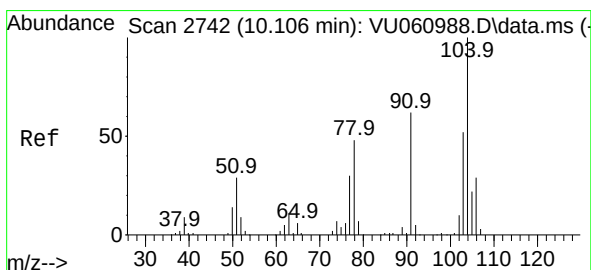
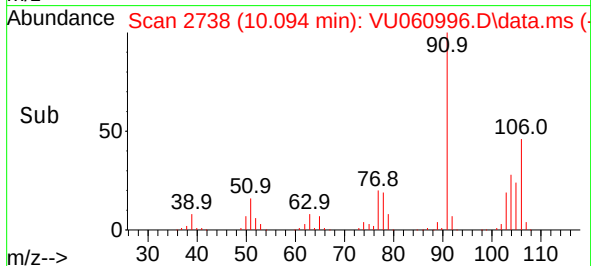
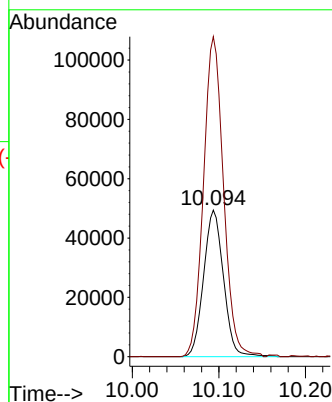
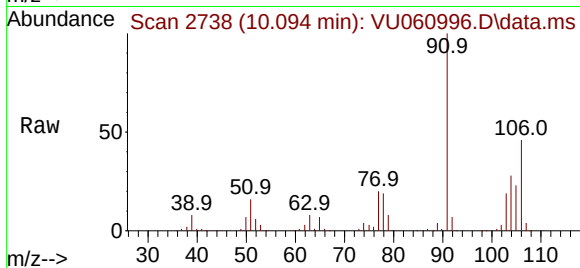
ClientSampleId :

Tgt Ion:106 Resp: 78882

Ion Ratio Lower Upper

106 100

91 218.4 148.6 276.0



#55

Styrene

Concen: 4.427 ug/L

RT: 10.106 min Scan# 2742

Delta R.T. 0.000 min

Lab File: VU060996.D

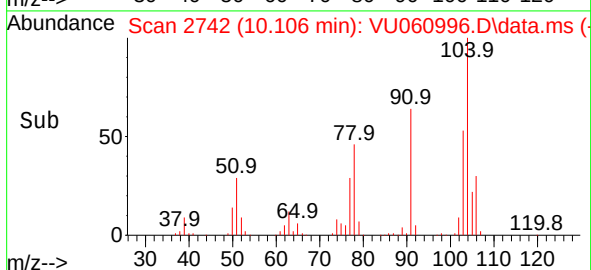
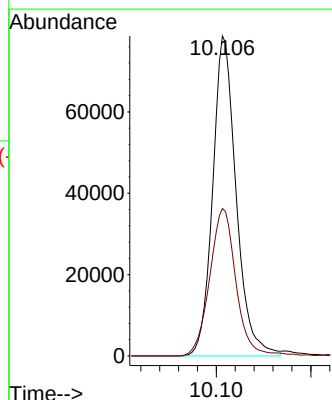
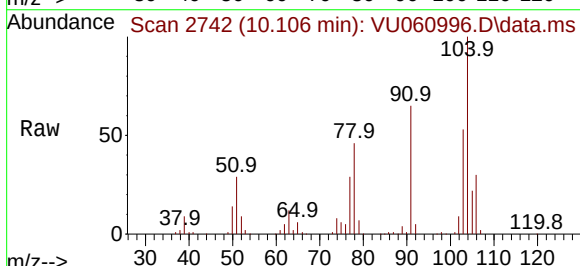
Acq: 25 Sep 2024 11:25

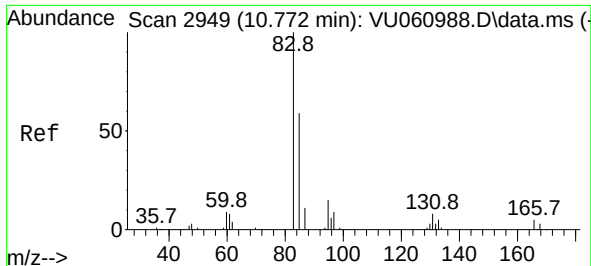
Tgt Ion:104 Resp: 135631

Ion Ratio Lower Upper

104 100

78 46.1 31.7 58.9





#57

1,1,2,2-Tetrachloroethane

Concen: 4.572 ug/L

RT: 10.775 min Scan# 2949

Delta R.T. 0.003 min

Lab File: VU060996.D

Acq: 25 Sep 2024 11:25

Instrument :

MSVOA_U

ClientSampleId :

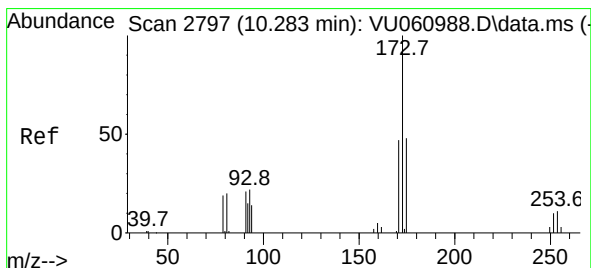
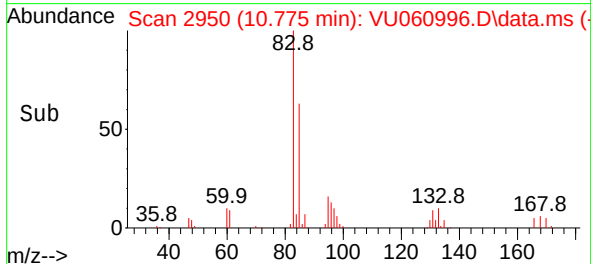
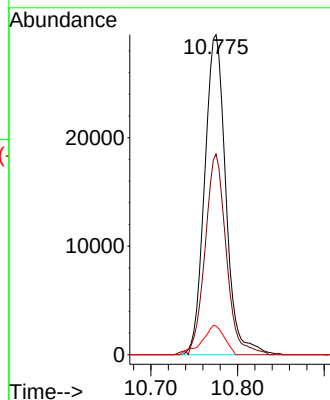
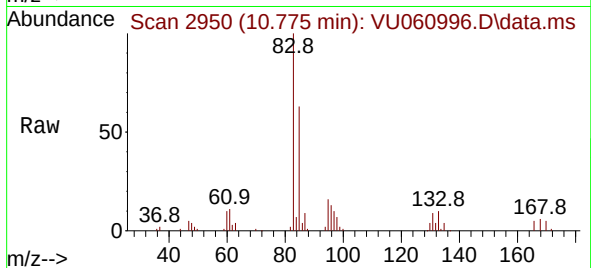
Tgt Ion: 83 Resp: 50068

Ion Ratio Lower Upper

83 100

85 62.7 42.9 79.7

131 9.0 8.4 12.6



#59

Bromoform

Concen: 4.575 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. 0.000 min

Lab File: VU060996.D

Acq: 25 Sep 2024 11:25

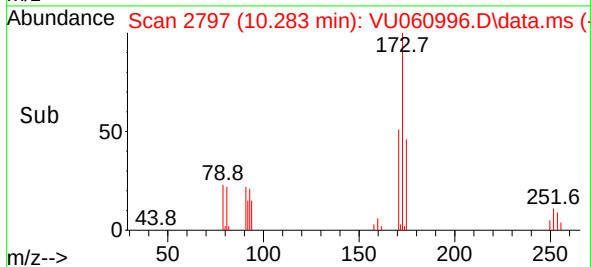
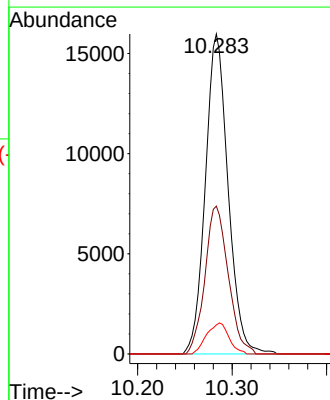
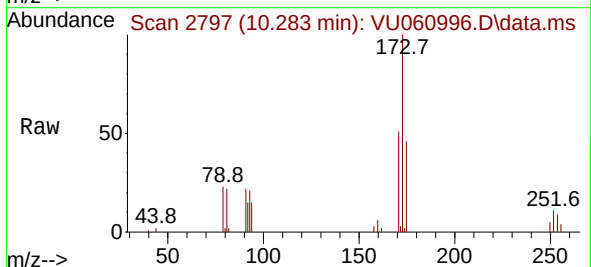
Tgt Ion:173 Resp: 26647

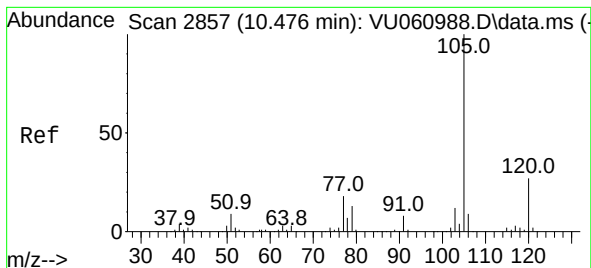
Ion Ratio Lower Upper

173 100

175 47.3 39.1 58.7

254 9.5 8.7 13.1





#60

Isopropylbenzene

Concen: 4.693 ug/L

RT: 10.476 min Scan# 214921

Delta R.T. 0.000 min

Lab File: VU060996.D

Acq: 25 Sep 2024 11:25

Instrument :

MSVOA_U

ClientSampleId :

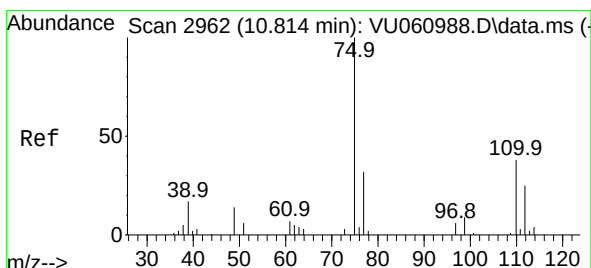
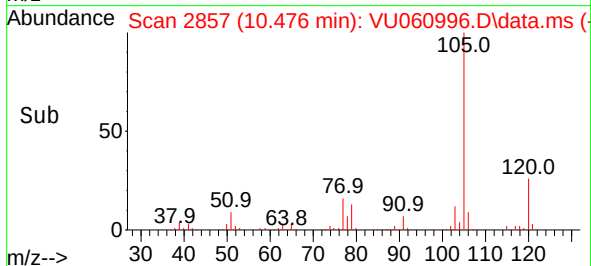
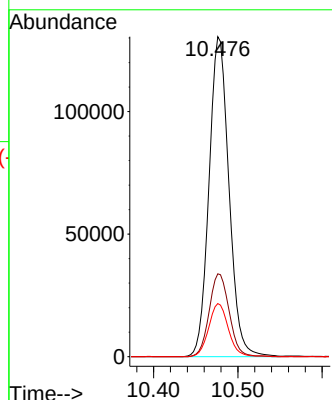
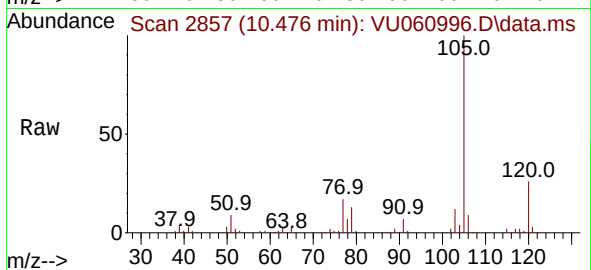
Tgt Ion:105 Resp: 214921

Ion Ratio Lower Upper

105 100

120 26.0 21.5 32.3

77 16.3 12.6 18.8



#61

1,2,3-Trichloropropane

Concen: 4.763 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. 0.000 min

Lab File: VU060996.D

Acq: 25 Sep 2024 11:25

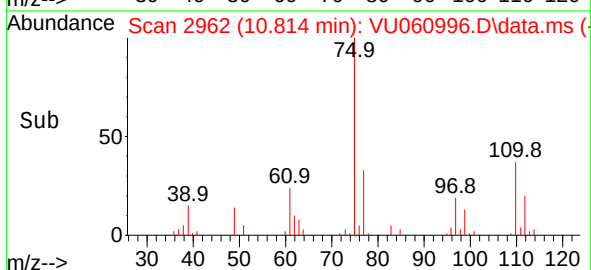
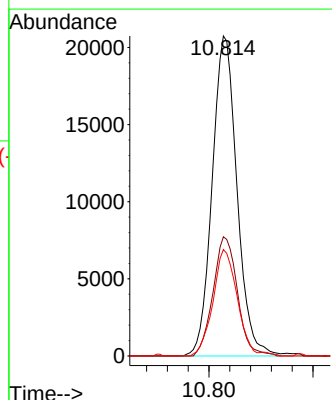
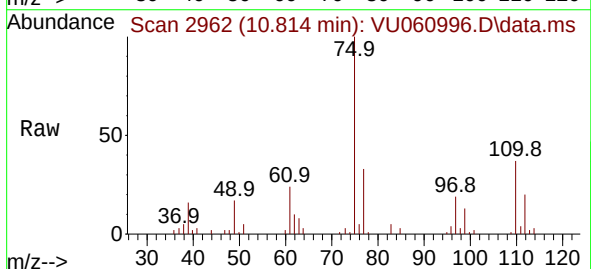
Tgt Ion: 75 Resp: 34331

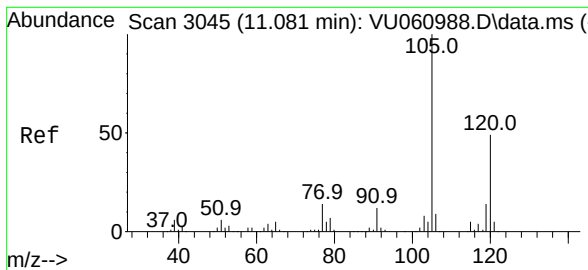
Ion Ratio Lower Upper

75 100

110 36.6 28.6 43.0

77 32.3 26.3 39.5

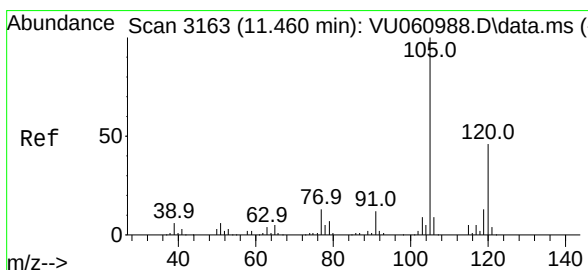
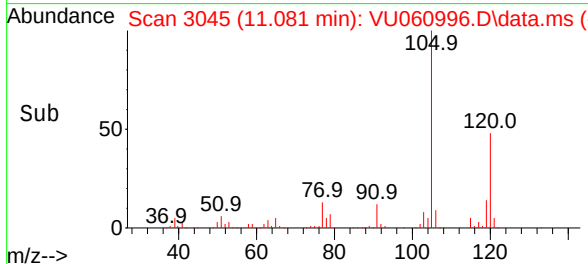
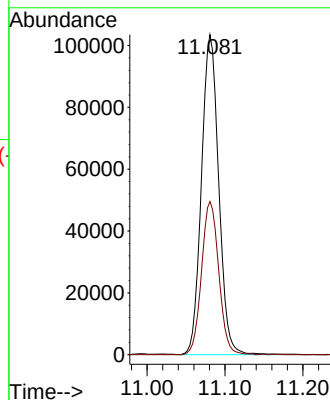
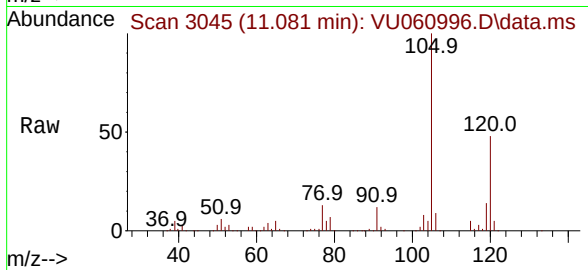




#62
1,3,5-Trimethylbenzene
Concen: 4.472 ug/L
RT: 11.081 min Scan# 3045
Delta R.T. 0.000 min
Lab File: VU060996.D
Acq: 25 Sep 2024 11:25

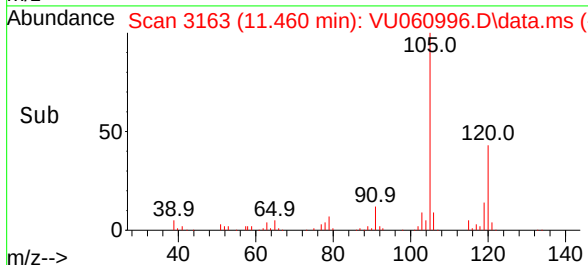
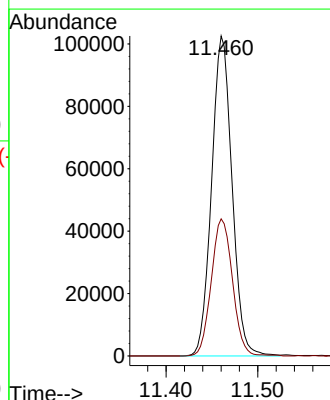
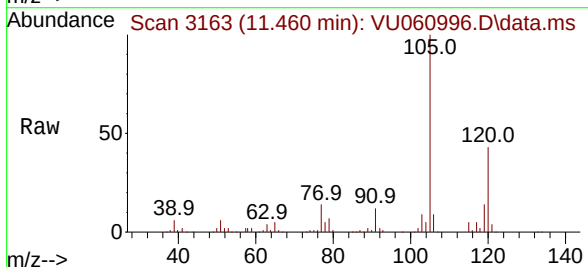
Instrument :
MSVOA_U
ClientSampleId :

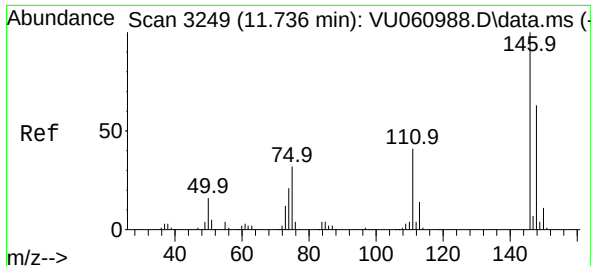
Tgt Ion:105 Resp: 159172
Ion Ratio Lower Upper
105 100
120 47.6 38.5 57.7



#63
1,2,4-Trimethylbenzene
Concen: 4.523 ug/L
RT: 11.460 min Scan# 3163
Delta R.T. 0.000 min
Lab File: VU060996.D
Acq: 25 Sep 2024 11:25

Tgt Ion:105 Resp: 159079
Ion Ratio Lower Upper
105 100
120 44.5 36.1 54.1





#64

1,3-Dichlorobenzene

Concen: 4.605 ug/L

RT: 11.737 min Scan# 3249

Delta R.T. 0.000 min

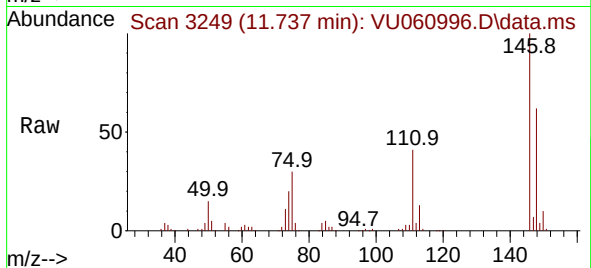
Lab File: VU060996.D

Acq: 25 Sep 2024 11:25

Instrument :

MSVOA_U

ClientSampleId :



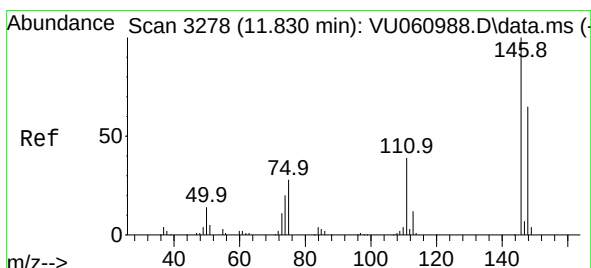
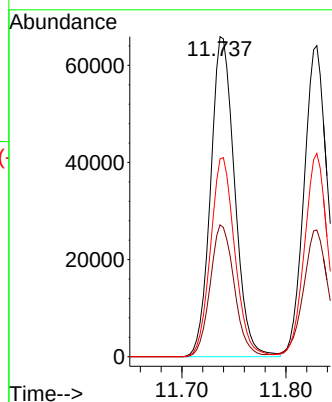
Tgt Ion:146 Resp: 106046

Ion Ratio Lower Upper

146 100

111 41.2 27.5 51.1

148 61.8 43.7 81.1



#65

1,4-Dichlorobenzene

Concen: 4.377 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. 0.000 min

Lab File: VU060996.D

Acq: 25 Sep 2024 11:25

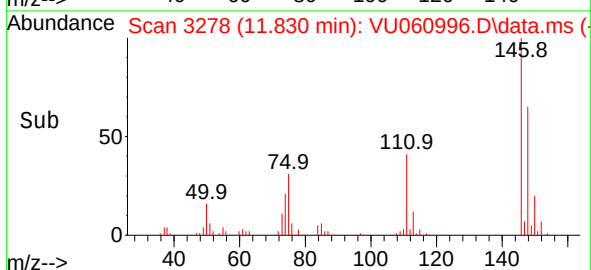
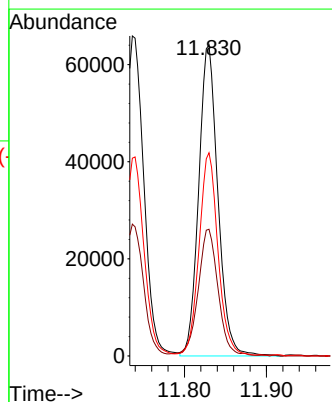
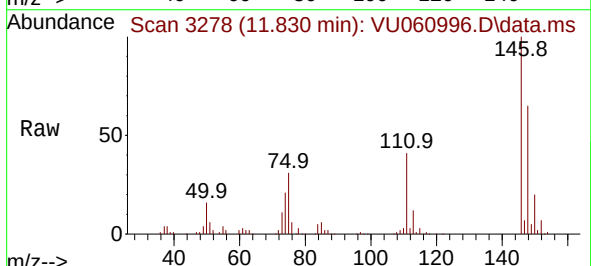
Tgt Ion:146 Resp: 104189

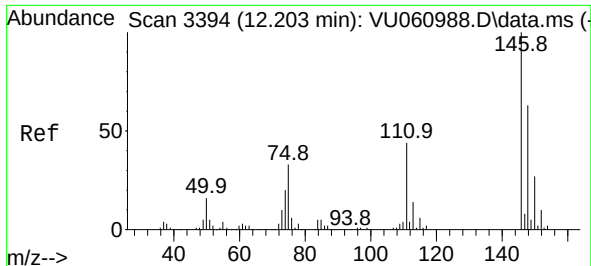
Ion Ratio Lower Upper

146 100

111 40.7 26.3 48.9

148 65.3 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 4.518 ug/L

RT: 12.206 min Scan# 3394

Delta R.T. 0.003 min

Lab File: VU060996.D

Acq: 25 Sep 2024 11:25

Instrument :

MSVOA_U

ClientSampleId :

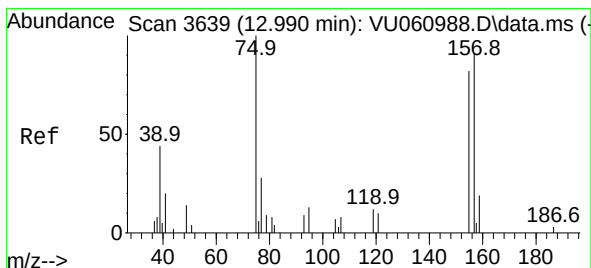
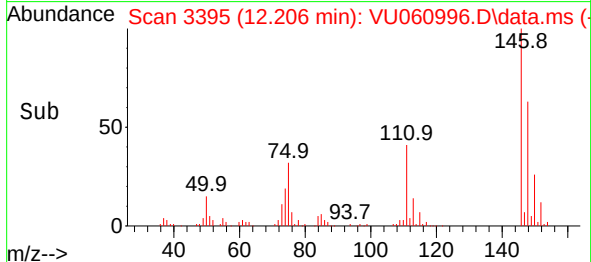
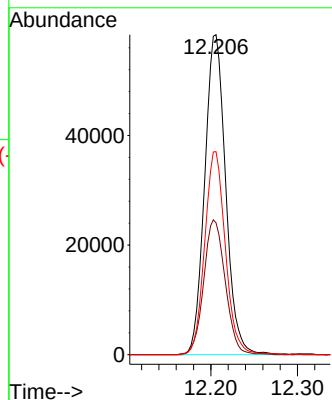
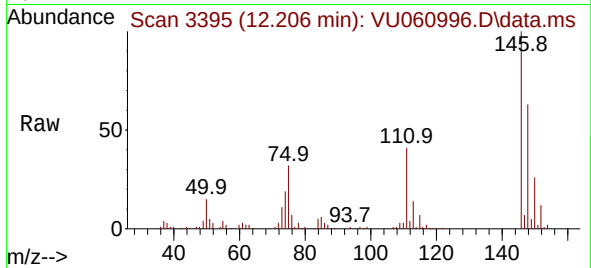
Tgt Ion:146 Resp: 98379

Ion Ratio Lower Upper

146 100

111 41.2 33.4 50.0

148 63.4 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 4.607 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. 0.000 min

Lab File: VU060996.D

Acq: 25 Sep 2024 11:25

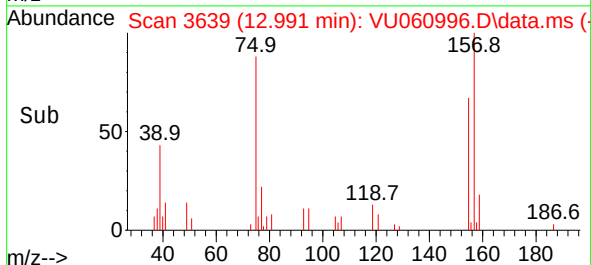
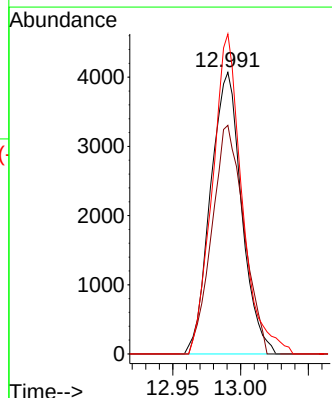
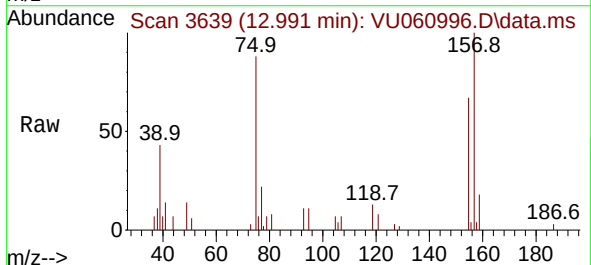
Tgt Ion: 75 Resp: 6484

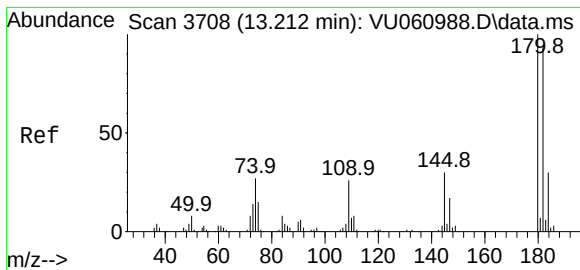
Ion Ratio Lower Upper

75 100

155 81.2 73.1 109.7

157 113.6 91.0 136.4





#69

1,3,5-Trichlorobenzene

Concen: 4.339 ug/L

RT: 13.209 min Scan# 3

Delta R.T. -0.003 min

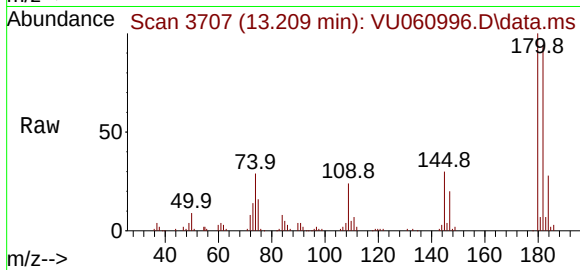
Lab File: VU060996.D

Acq: 25 Sep 2024 11:25

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 74734

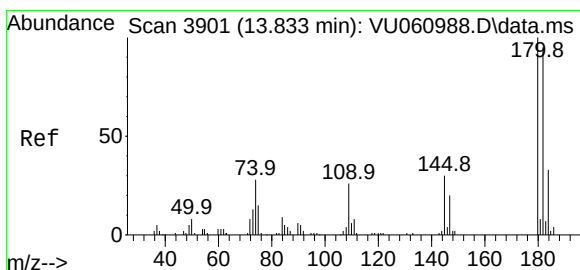
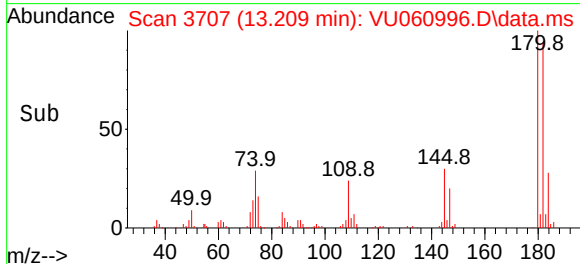
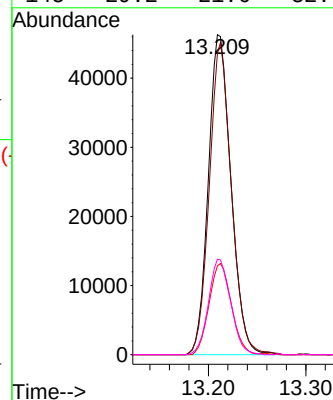
Ion Ratio Lower Upper

180 100

182 94.9 74.5 111.7

184 28.0 23.2 34.8

145 29.2 21.6 32.4



#70

1,2,4-trichlorobenzene

Concen: 4.420 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. 0.000 min

Lab File: VU060996.D

Acq: 25 Sep 2024 11:25

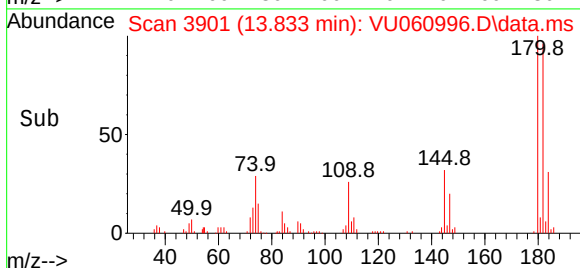
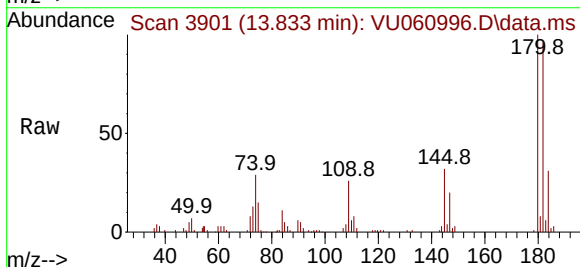
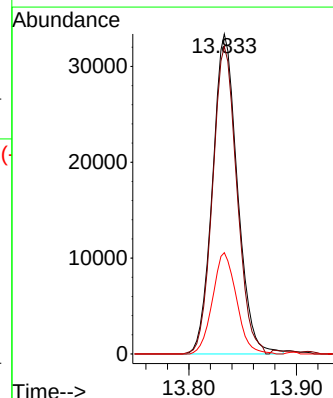
Tgt Ion:180 Resp: 53632

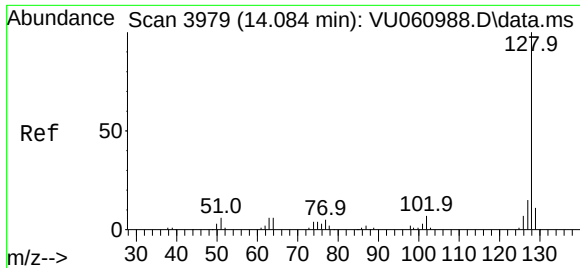
Ion Ratio Lower Upper

180 100

182 93.7 77.4 116.2

145 30.5 22.9 34.3

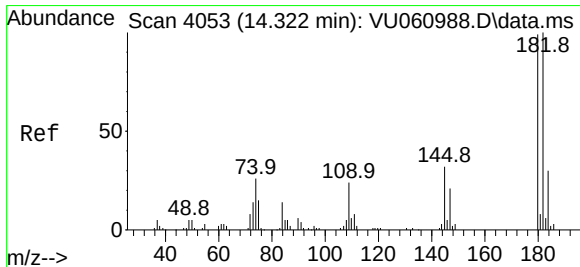
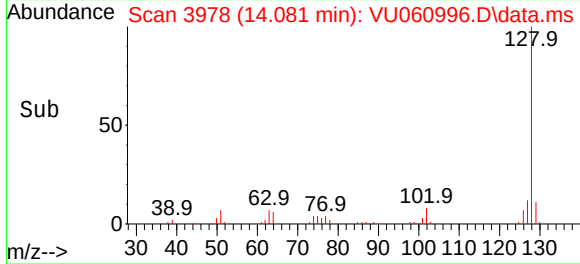
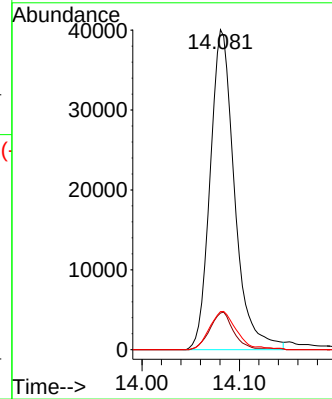
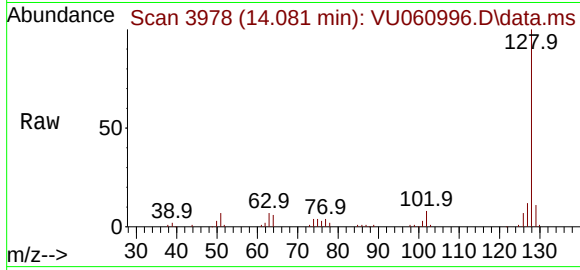




#71
Naphthalene
Concen: 4.361 ug/L
RT: 14.081 min Scan# 3979
Delta R.T. -0.003 min
Lab File: VU060996.D
Acq: 25 Sep 2024 11:25

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128	Resp: 69791
Ion Ratio	Lower Upper
128	100
129	11.3 8.3 12.5
127	13.4 10.7 16.1



#72
1,2,3-Trichlorobenzene
Concen: 4.476 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. 0.000 min
Lab File: VU060996.D
Acq: 25 Sep 2024 11:25

Tgt Ion:180	Resp: 46916
Ion Ratio	Lower Upper
180	100
182	94.3 75.7 113.5
145	30.7 23.5 35.3

