

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082924\
 Data File : VU060564.D
 Acq On : 29 Aug 2024 12:38
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 29 23:08:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Aug 29 05:46:35 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	166990	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	170400	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	86717	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	45051	6.108	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	122.200%
7) Chloroethane-d5	1.907	69	41549	3.718	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.400%
11) 1,1-Dichloroethene-d2	2.560	65	21242	4.887	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.800%
20) 2-Butanone-d5	4.640	46	97448	38.421	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	76.840%
24) Chloroform-d	5.055	84	104202	4.955	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.200%
26) 1,2-Dichloroethane-d4	5.695	65	47355	4.316	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.400%
32) Benzene-d6	5.721	84	192785	5.174	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.400%
36) 1,2-Dichloropropane-d6	6.685	67	60178	5.006	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.200%
41) Toluene-d8	7.894	98	184662	5.283	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.600%
43) trans-1,3-Dichloroprop...	8.177	79	20900	4.858	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.200%
46) 2-Hexanone-d5	8.631	63	79449	38.572	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.140%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	47801	4.468	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	63566	4.971	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	89317	4.713	ug/L	99
3) Chloromethane	1.515	50	84209	5.129	ug/L	98
5) Vinyl chloride	1.599	62	88623	5.482	ug/L	95
6) Bromomethane	1.853	94	59045	3.629	ug/L	96
8) Chloroethane	1.930	64	49321	3.344	ug/L	100
9) Trichlorofluoromethane	2.132	101	123359	3.510	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	67909	4.567	ug/L	98
12) 1,1-Dichloroethene	2.573	96	64488	4.712	ug/L	92
13) Acetone	2.660	43	80405	37.886	ug/L	98
14) Carbon disulfide	2.785	76	202087	4.550	ug/L	99
15) Methyl Acetate	2.962	43	20975	4.833	ug/L	98
16) Methylene chloride	3.039	84	72804	5.477	ug/L	84
17) Methyl tert-butyl Ether	3.357	73	135401	4.875	ug/L	95
18) trans-1,2-Dichloroethene	3.348	96	66087	5.547	ug/L	94
19) 1,1-Dichloroethane	3.862	63	121845	5.046	ug/L	96
21) 2-Butanone	4.718	43	138065	47.570	ug/L	99
22) cis-1,2-Dichloroethene	4.656	96	69140	5.208	ug/L	93
23) Bromochloromethane	4.968	128	33804	5.602	ug/L #	90
25) Chloroform	5.081	83	128937	5.046	ug/L	97

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 Data File : VU060564.D
 Acq On : 29 Aug 2024 12:38
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 29 23:08:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Aug 29 05:46:35 2024
 Response via : Initial Calibration

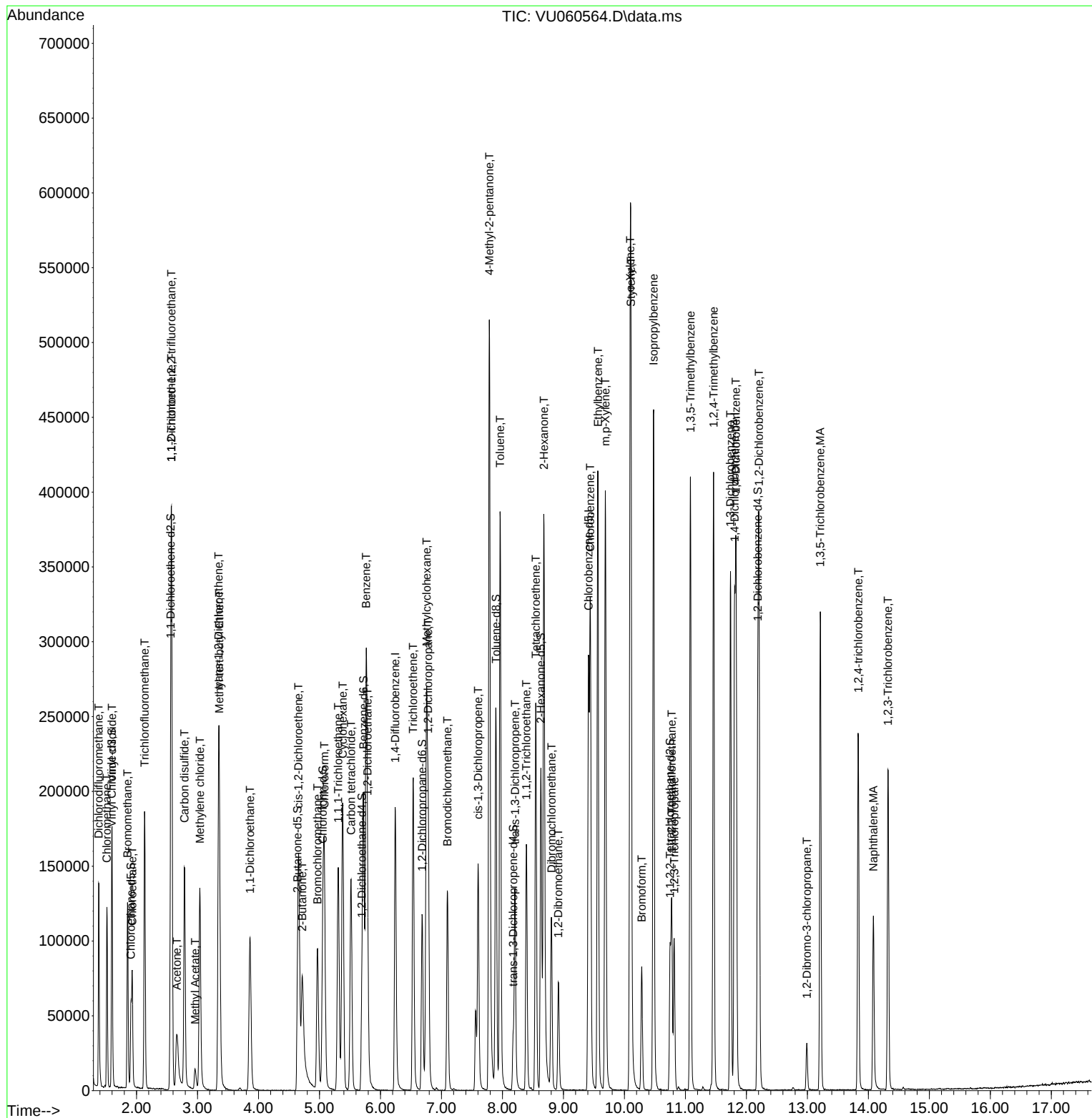
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	75873	4.424	ug/L	100
29) 1,1,1-Trichloroethane	5.309	97	112885	4.837	ug/L	96
30) Cyclohexane	5.380	56	90039	4.660	ug/L	95
31) Carbon tetrachloride	5.518	117	100952	4.680	ug/L	96
33) Benzene	5.766	78	272933	5.050	ug/L	100
34) Trichloroethene	6.537	95	72597	4.956	ug/L	98
35) Methylcyclohexane	6.756	83	100690	5.009	ug/L	94
37) 1,2-Dichloropropane	6.782	63	71050	5.131	ug/L #	98
38) Bromodichloromethane	7.097	83	90010	4.946	ug/L	100
39) cis-1,3-Dichloropropene	7.602	75	97888	4.821	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	335279	46.487	ug/L	95
42) Toluene	7.962	91	297503	5.209	ug/L	94
44) trans-1,3-Dichloropropene	8.206	75	83098	4.985	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	53227	5.306	ug/L	96
47) Tetrachloroethene	8.547	164	60743	5.059	ug/L	98
48) 2-Hexanone	8.679	43	246994	45.760	ug/L	93
49) Dibromochloromethane	8.804	129	62564	5.387	ug/L	97
50) 1,2-Dibromoethane	8.917	107	50490	5.482	ug/L #	96
51) Chlorobenzene	9.441	112	189881	5.136	ug/L	98
52) Ethylbenzene	9.566	91	295075	4.875	ug/L	97
53) m,p-Xylene	9.688	106	121079	5.381	ug/L	94
54) o-Xylene	10.097	106	113677	4.935	ug/L	95
55) Styrene	10.110	104	195780	5.187	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.775	83	63221	4.936	ug/L	97
59) Bromoform	10.283	173	39909	5.600	ug/L	97
60) Isopropylbenzene	10.479	105	298978	5.161	ug/L	98
61) 1,2,3-Trichloropropane	10.817	75	44527	5.323	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	228665	5.296	ug/L	97
63) 1,2,4-Trimethylbenzene	11.463	105	229214	5.204	ug/L	97
64) 1,3-Dichlorobenzene	11.740	146	150675	5.314	ug/L	96
65) 1,4-Dichlorobenzene	11.830	146	150882	5.244	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	140467	5.281	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	8558	4.533	ug/L #	73
69) 1,3,5-Trichlorobenzene	13.212	180	108581	4.967	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	79617	4.514	ug/L	99
71) Naphthalene	14.084	128	105351	4.675	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	72771	4.930	ug/L	97

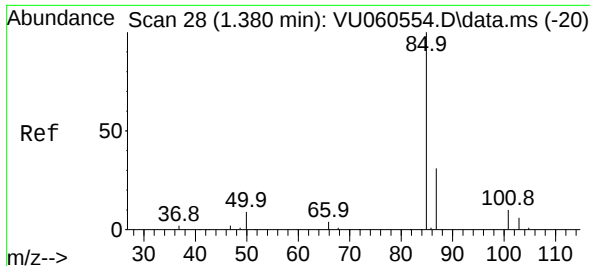
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Data File : VU060564.D
Acq On : 29 Aug 2024 12:38
Operator : MD/SY
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Aug 29 23:08:03 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Aug 29 05:46:35 2024
Response via : Initial Calibration

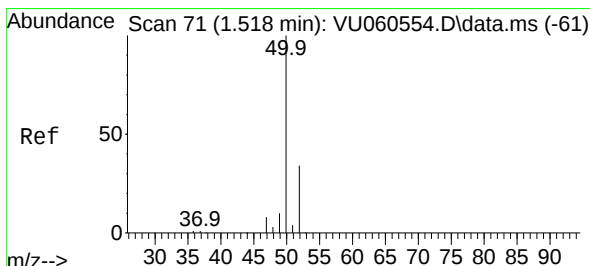
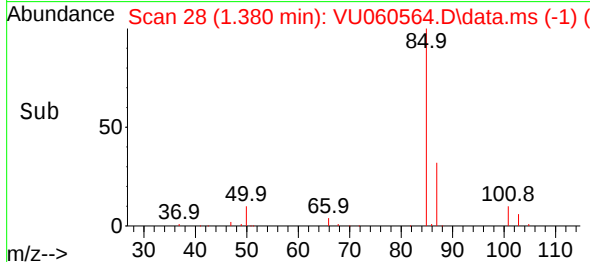
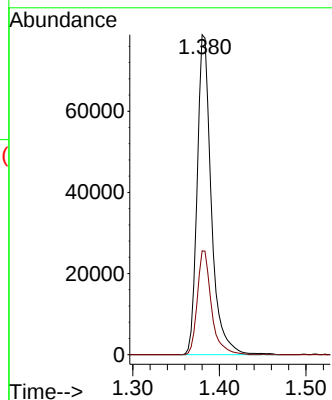
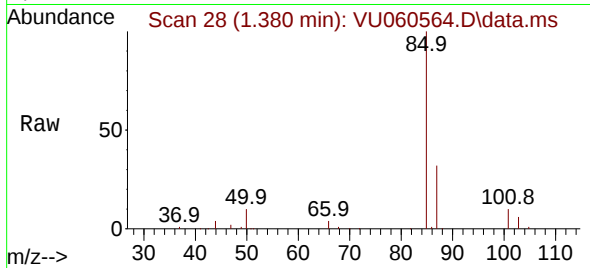




#2
Dichlorodifluoromethane
Concen: 4.713 ug/L
RT: 1.380 min Scan# 20
Delta R.T. 0.000 min
Lab File: VU060564.D
Acq: 29 Aug 2024 12:38

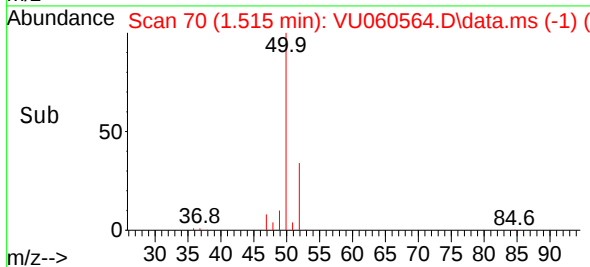
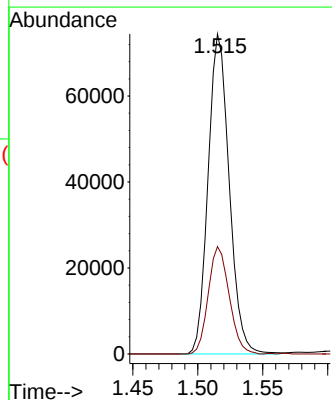
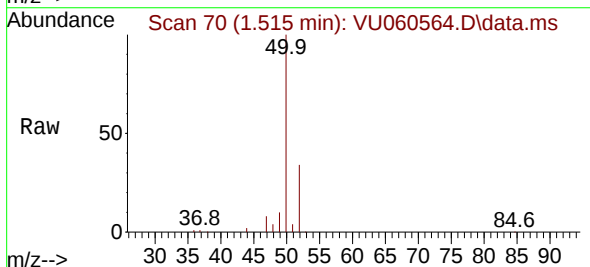
Instrument :
MSVOA_U
ClientSampleId :

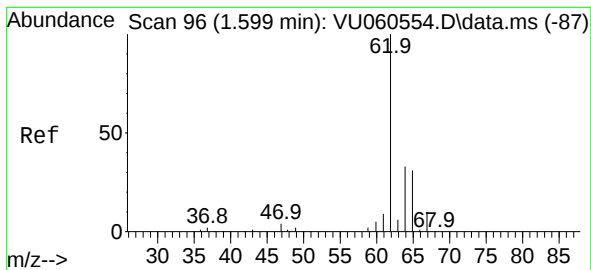
Tgt Ion: 85 Resp: 89317
Ion Ratio Lower Upper
85 100
87 32.4 26.2 39.4



#3
Chloromethane
Concen: 5.129 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.003 min
Lab File: VU060564.D
Acq: 29 Aug 2024 12:38

Tgt Ion: 50 Resp: 84209
Ion Ratio Lower Upper
50 100
52 33.5 22.7 42.1





#5

Vinyl chloride

Concen: 5.482 ug/L

RT: 1.599 min Scan# 90

Delta R.T. 0.000 min

Lab File: VU060564.D

Acq: 29 Aug 2024 12:38

Instrument :

MSVOA_U

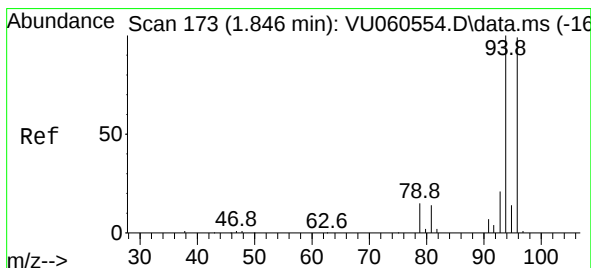
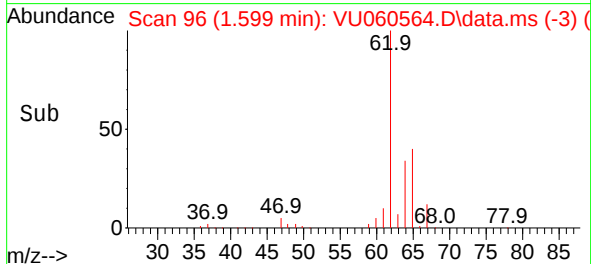
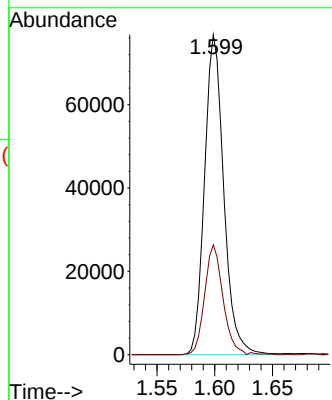
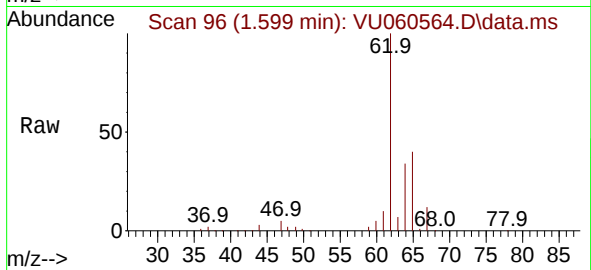
ClientSampleId :

Tgt Ion: 62 Resp: 88623

Ion Ratio Lower Upper

62 100

64 34.3 22.0 40.8



#6

Bromomethane

Concen: 3.629 ug/L

RT: 1.853 min Scan# 175

Delta R.T. 0.007 min

Lab File: VU060564.D

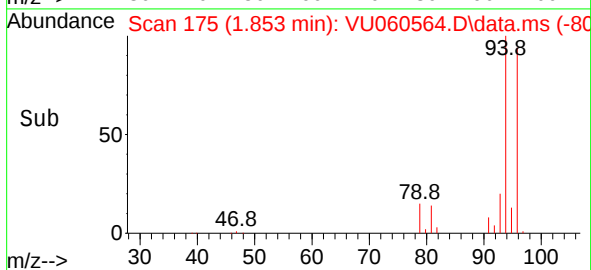
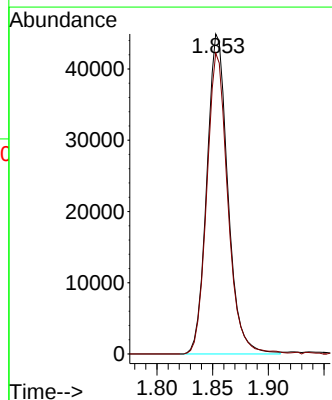
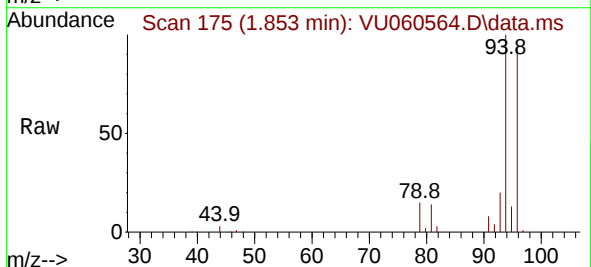
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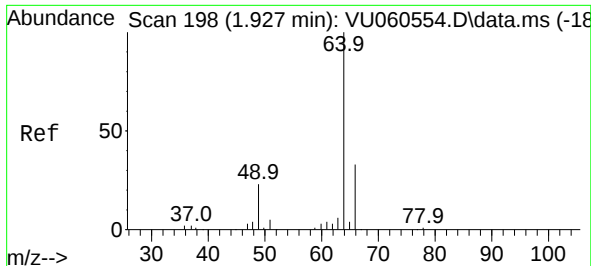
Tgt Ion: 94 Resp: 59045

Ion Ratio Lower Upper

94 100

96 94.0 63.3 117.5





#8

Chloroethane

Concen: 3.344 ug/L

RT: 1.930 min Scan# 198

Delta R.T. 0.003 min

Lab File: VU060564.D

Acq: 29 Aug 2024 12:38

Instrument :

MSVOA_U

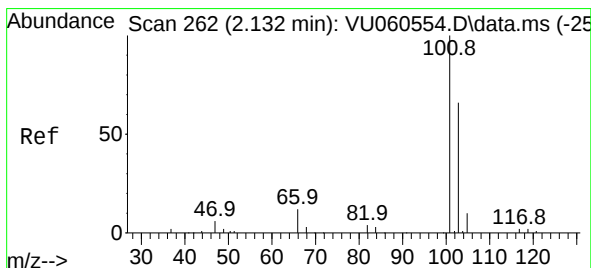
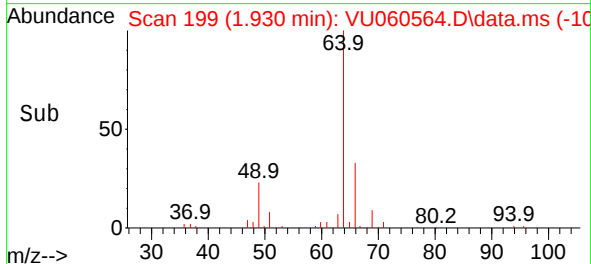
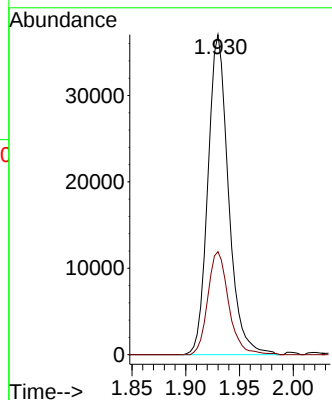
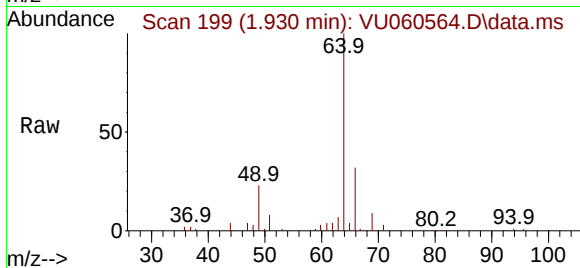
ClientSampleId :

Tgt Ion: 64 Resp: 49321

Ion Ratio Lower Upper

64 100

66 32.2 22.5 41.9



#9

Trichlorofluoromethane

Concen: 3.510 ug/L

RT: 2.132 min Scan# 262

Delta R.T. 0.000 min

Lab File: VU060564.D

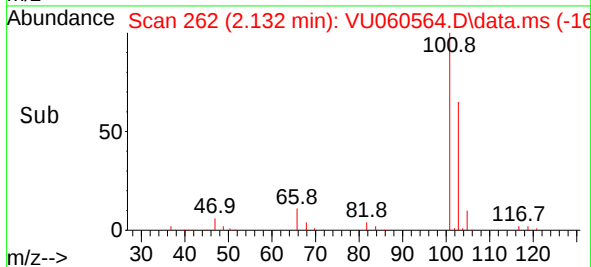
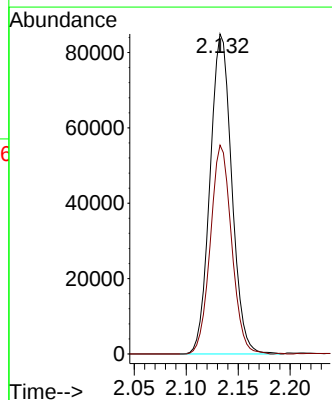
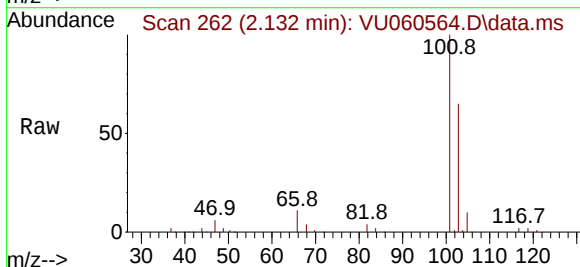
Acq: 29 Aug 2024 12:38

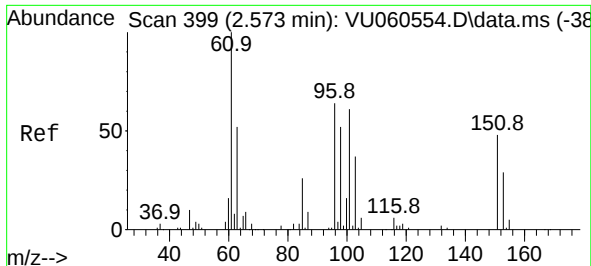
Tgt Ion:101 Resp: 123359

Ion Ratio Lower Upper

101 100

103 63.8 51.4 77.2

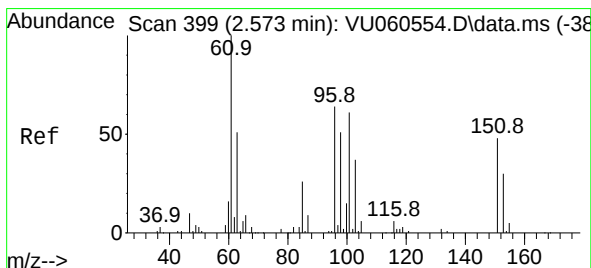
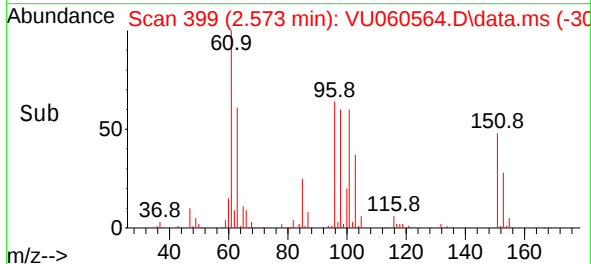
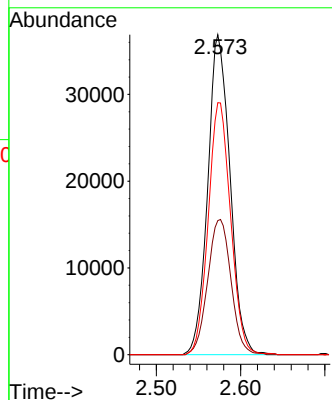
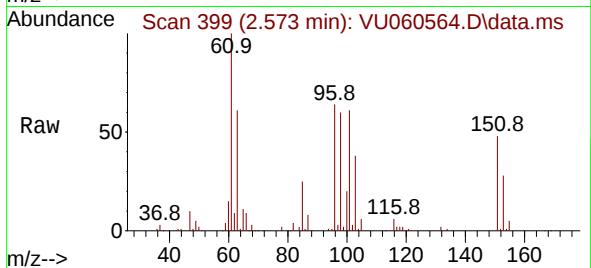




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.567 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU060564.D
 Acq: 29 Aug 2024 12:38

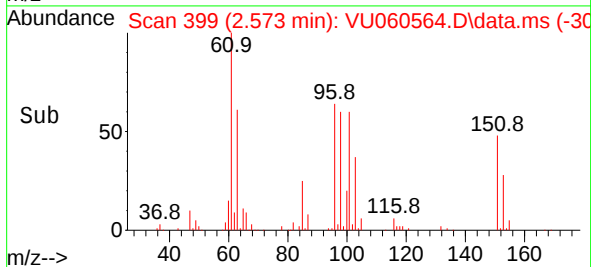
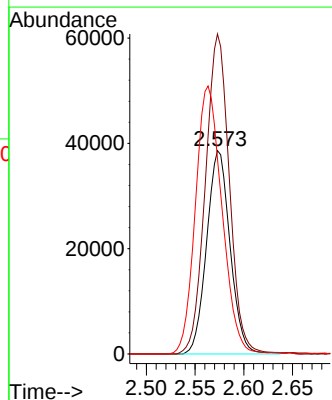
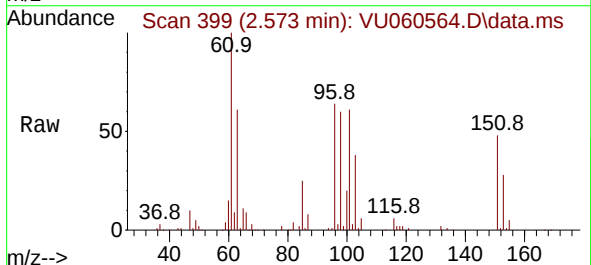
Instrument :
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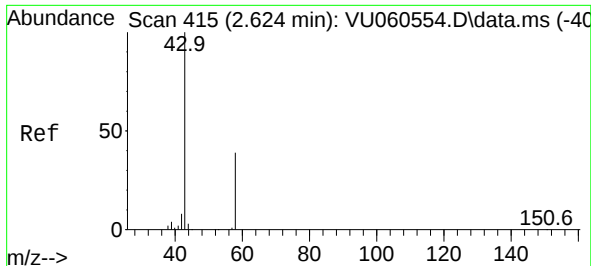
Tgt Ion:101 Resp: 67909
 Ion Ratio Lower Upper
 101 100
 85 44.1 35.8 53.6
 151 78.9 61.7 92.5



#12
 1,1-Dichloroethene
 Concen: 4.712 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU060564.D
 Acq: 29 Aug 2024 12:38

Tgt Ion: 96 Resp: 64488
 Ion Ratio Lower Upper
 96 100
 61 157.3 116.4 216.2
 63 95.9 74.8 139.0





#13

Acetone

Concen: 37.886 ug/L

RT: 2.660 min Scan# 415

Delta R.T. 0.036 min

Lab File: VU060564.D

Acq: 29 Aug 2024 12:38

Instrument :

MSVOA_U

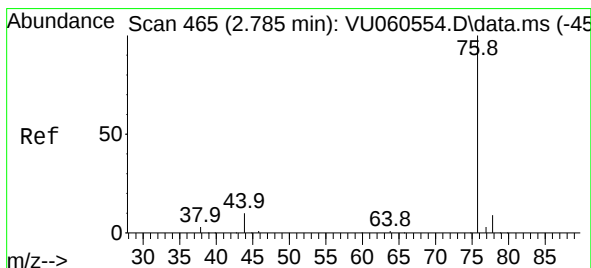
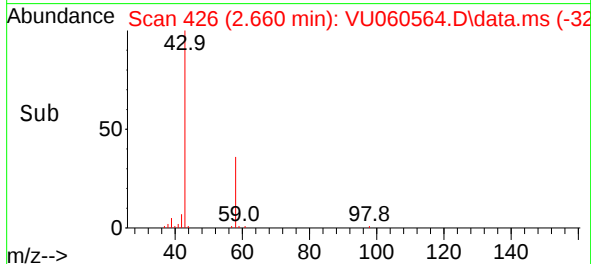
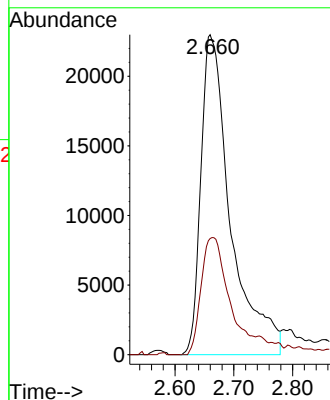
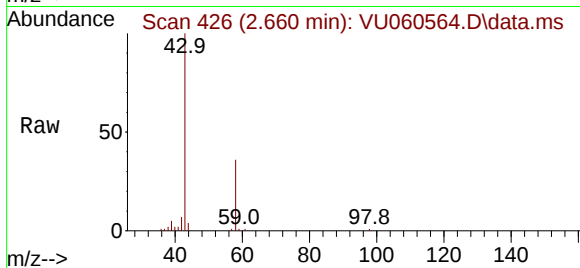
ClientSampleId :

Tgt Ion: 43 Resp: 80405

Ion Ratio Lower Upper

43 100

58 34.7 0.0 66.8



#14

Carbon disulfide

Concen: 4.550 ug/L

RT: 2.785 min Scan# 465

Delta R.T. 0.000 min

Lab File: VU060564.D

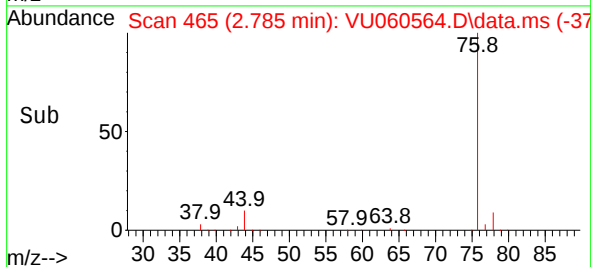
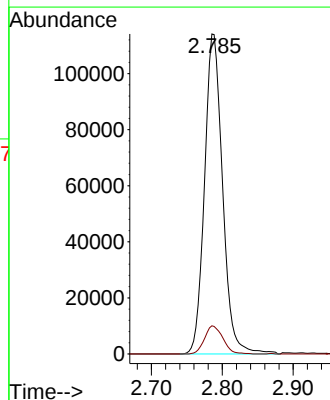
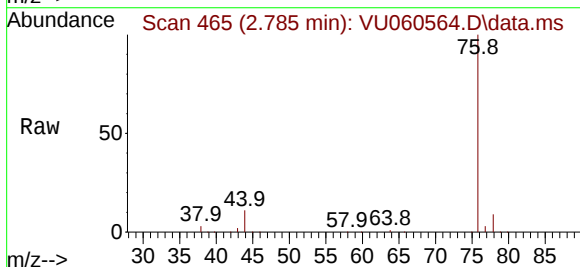
Acq: 29 Aug 2024 12:38

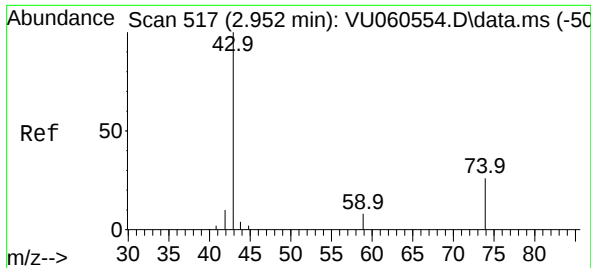
Tgt Ion: 76 Resp: 202087

Ion Ratio Lower Upper

76 100

78 8.8 7.4 11.2





#15

Methyl Acetate

Concen: 4.833 ug/L

RT: 2.962 min Scan# 51

Delta R.T. 0.010 min

Lab File: VU060564.D

Acq: 29 Aug 2024 12:38

Instrument :

MSVOA_U

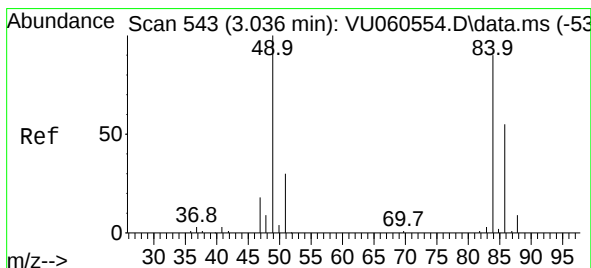
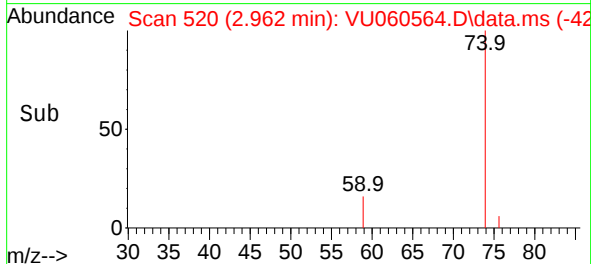
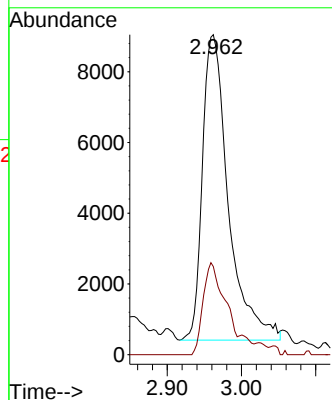
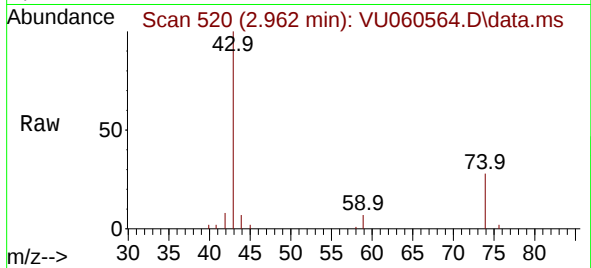
ClientSampleId :

Tgt Ion: 43 Resp: 20975

Ion Ratio Lower Upper

43 100

74 25.8 21.4 32.2



#16

Methylene chloride

Concen: 5.477 ug/L

RT: 3.039 min Scan# 544

Delta R.T. 0.003 min

Lab File: VU060564.D

Acq: 29 Aug 2024 12:38

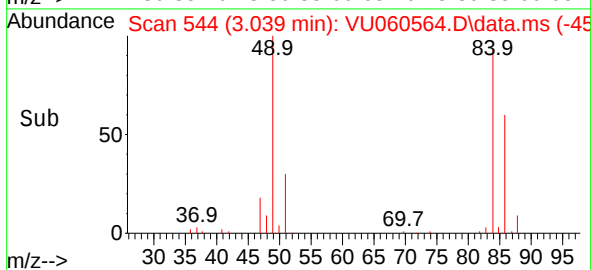
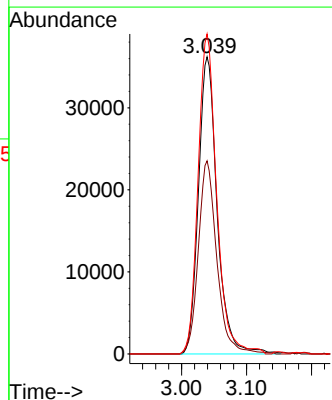
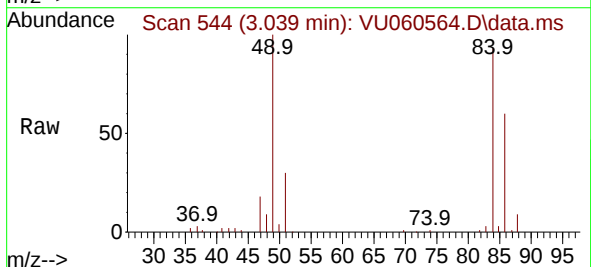
Tgt Ion: 84 Resp: 72804

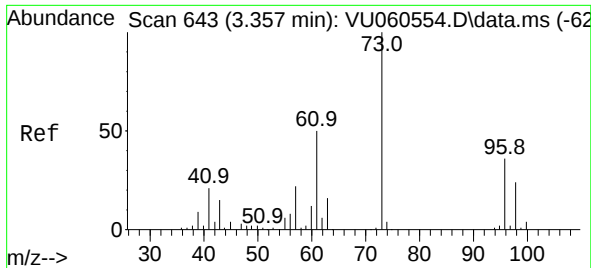
Ion Ratio Lower Upper

84 100

86 65.0 47.5 88.3

49 107.7 94.4 175.2



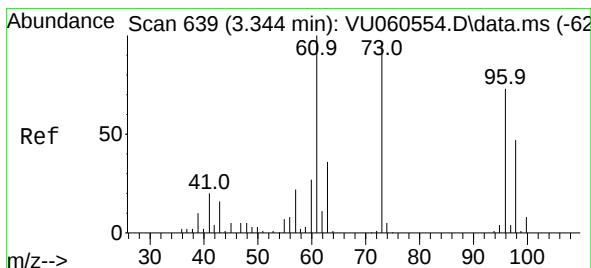
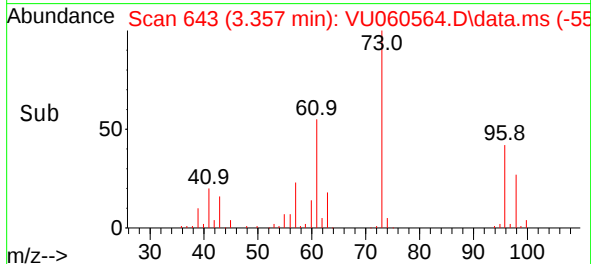
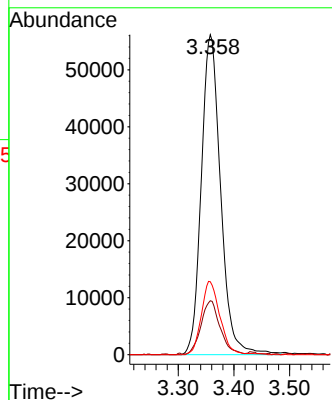
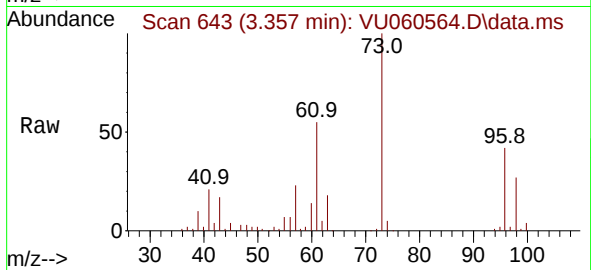


#17
Methyl tert-butyl Ether
Concen: 4.875 ug/L
RT: 3.357 min Scan# 643
Delta R.T. 0.000 min
Lab File: VU060564.D
Acq: 29 Aug 2024 12:38

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 73 Resp: 135401

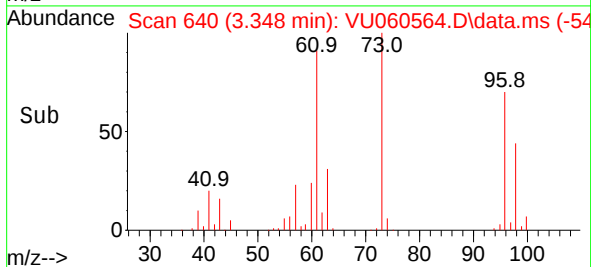
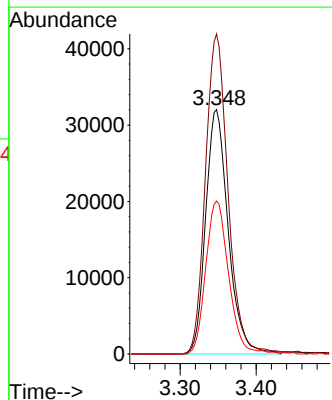
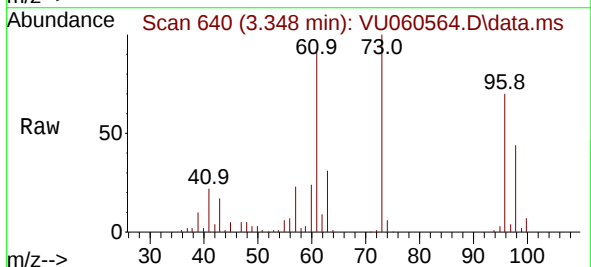
Ion	Ratio	Lower	Upper
73	100		
43	16.2	15.8	23.6
57	22.0	16.8	25.2

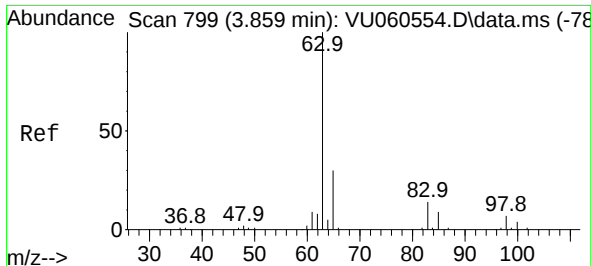


#18
trans-1,2-Dichloroethene
Concen: 5.547 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.003 min
Lab File: VU060564.D
Acq: 29 Aug 2024 12:38

Tgt Ion: 96 Resp: 66087

Ion	Ratio	Lower	Upper
96	100		
61	130.9	99.2	184.2
98	62.6	44.0	81.8

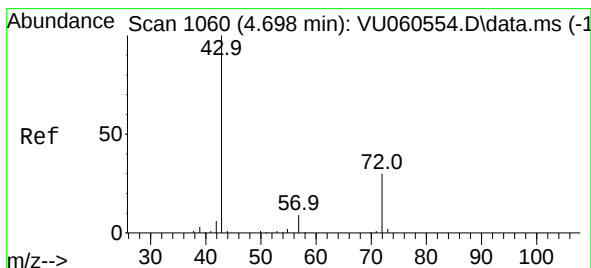
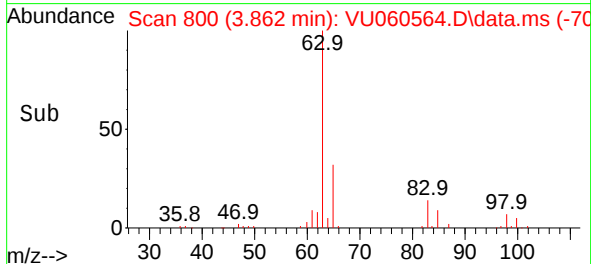
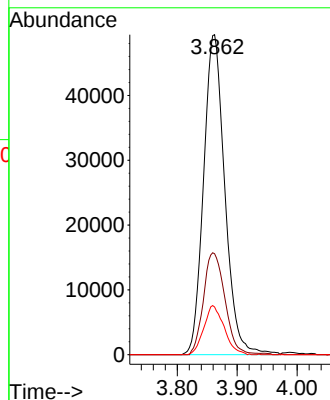
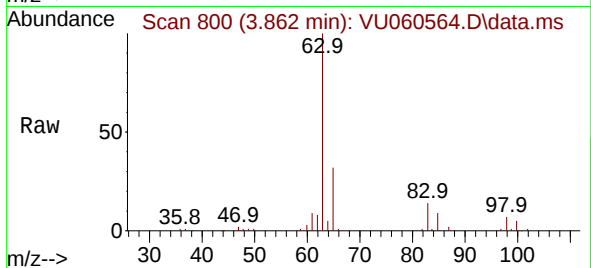




#19
1,1-Dichloroethane
Concen: 5.046 ug/L
RT: 3.862 min Scan# 80
Delta R.T. 0.003 min
Lab File: VU060564.D
Acq: 29 Aug 2024 12:38

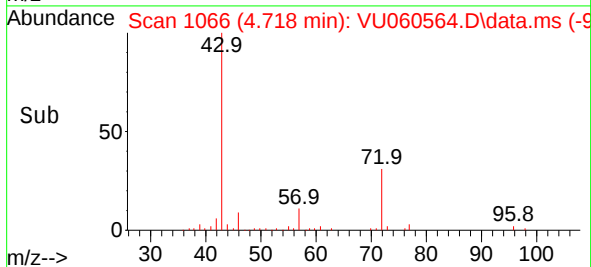
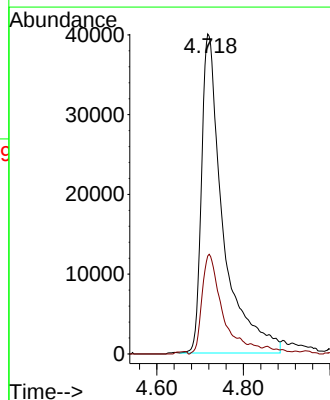
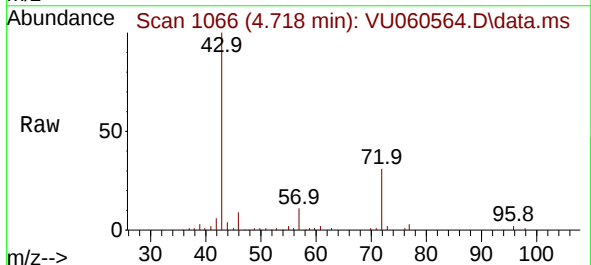
Instrument :
MSVOA_U
ClientSampleId :

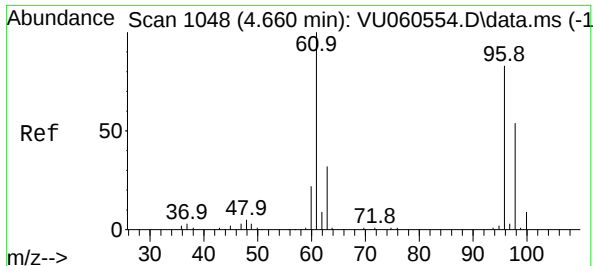
Tgt Ion: 63 Resp: 121845
Ion Ratio Lower Upper
63 100
65 31.5 20.5 38.1
83 14.9 9.2 17.2



#21
2-Butanone
Concen: 47.570 ug/L
RT: 4.718 min Scan# 1066
Delta R.T. 0.019 min
Lab File: VU060564.D
Acq: 29 Aug 2024 12:38

Tgt Ion: 43 Resp: 138065
Ion Ratio Lower Upper
43 100
72 28.6 14.0 42.0

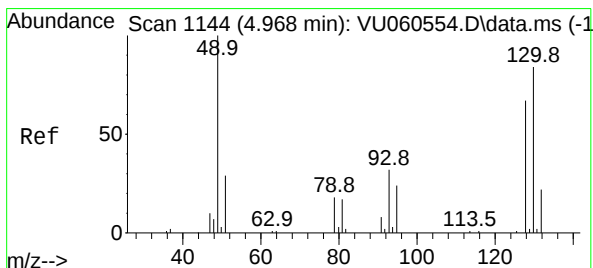
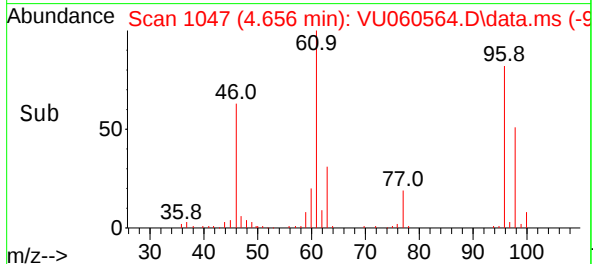
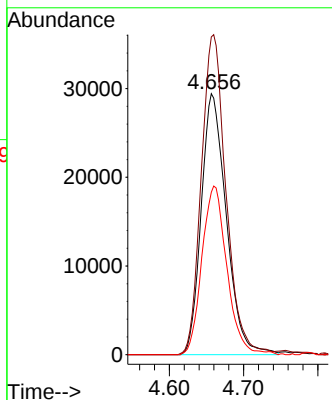
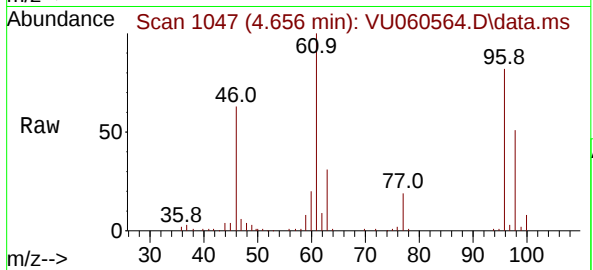




#22
cis-1,2-Dichloroethene
Concen: 5.208 ug/L
RT: 4.656 min Scan# 1047
Delta R.T. -0.003 min
Lab File: VU060564.D
Acq: 29 Aug 2024 12:38

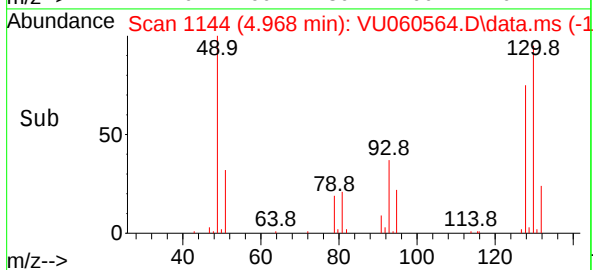
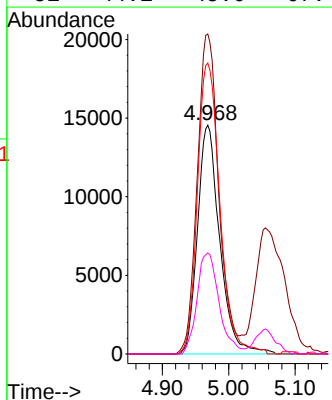
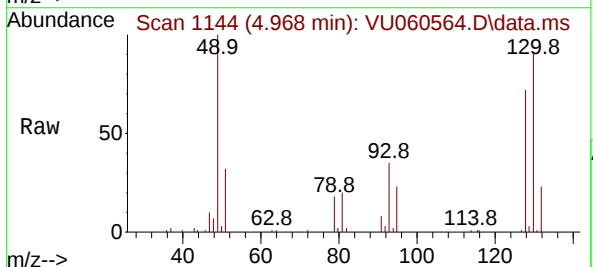
Instrument :
MSVOA_U
ClientSampleId :

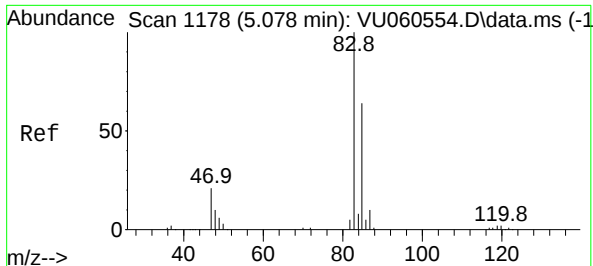
Tgt Ion: 96 Resp: 69140
Ion Ratio Lower Upper
96 100
61 121.8 92.9 172.5
98 62.3 45.0 83.6



#23
Bromochloromethane
Concen: 5.602 ug/L
RT: 4.968 min Scan# 1144
Delta R.T. 0.000 min
Lab File: VU060564.D
Acq: 29 Aug 2024 12:38

Tgt Ion:128 Resp: 33804
Ion Ratio Lower Upper
128 100
49 139.8 108.1 200.7
130 127.1 93.1 172.9
51 44.1 45.0 67.4#





#25

Chloroform

Concen: 5.046 ug/L

RT: 5.081 min Scan# 1178

Delta R.T. 0.003 min

Lab File: VU060564.D

Acq: 29 Aug 2024 12:38

Instrument :

MSVOA_U

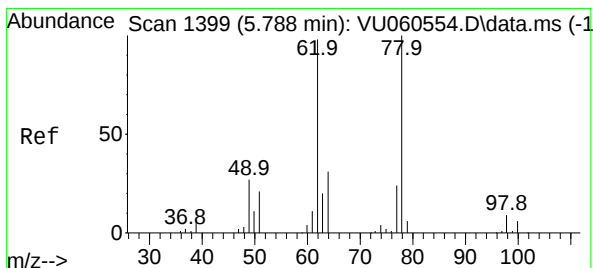
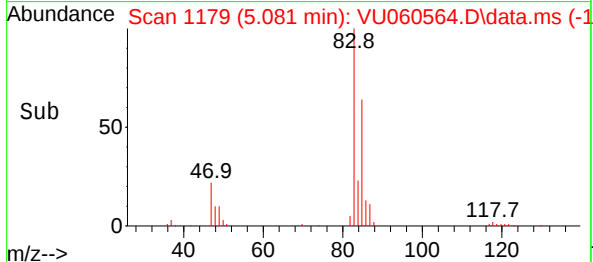
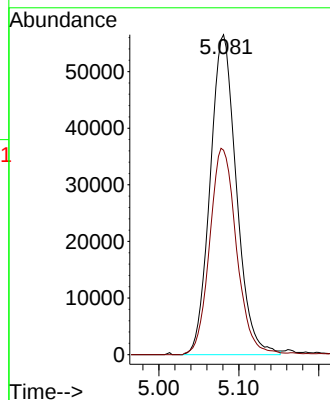
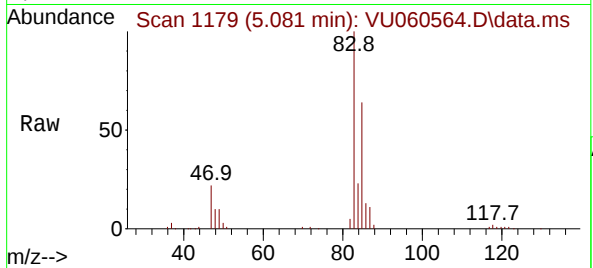
ClientSampleId :

Tgt Ion: 83 Resp: 128937

Ion Ratio Lower Upper

83 100

85 63.9 46.4 86.2



#27

1,2-Dichloroethane

Concen: 4.424 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. 0.000 min

Lab File: VU060564.D

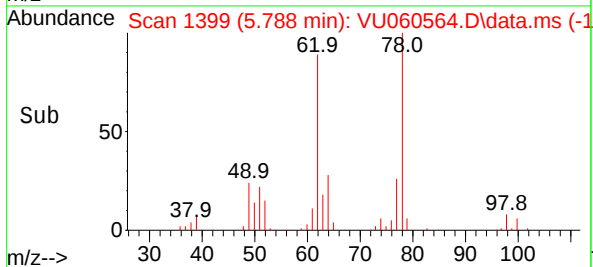
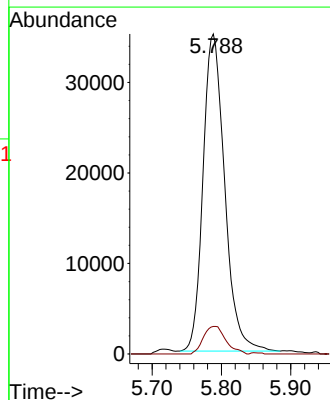
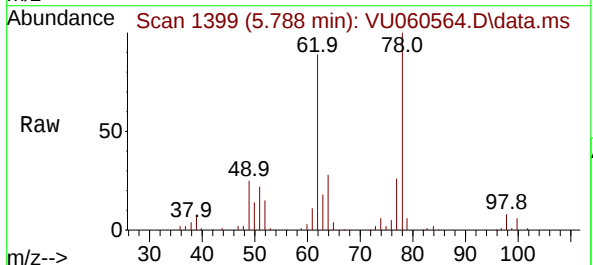
Acq: 29 Aug 2024 12:38

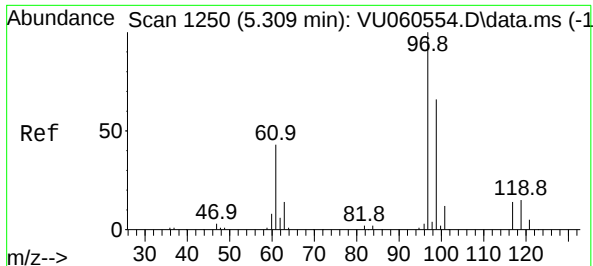
Tgt Ion: 62 Resp: 75873

Ion Ratio Lower Upper

62 100

98 8.6 7.0 10.4

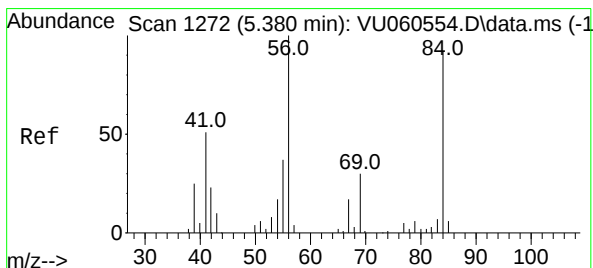
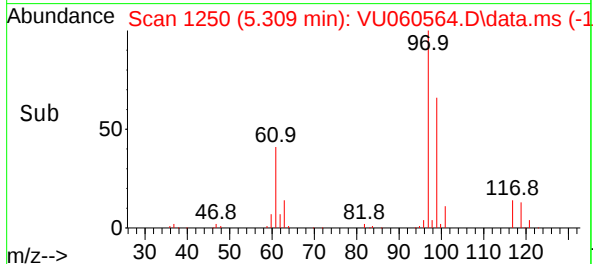
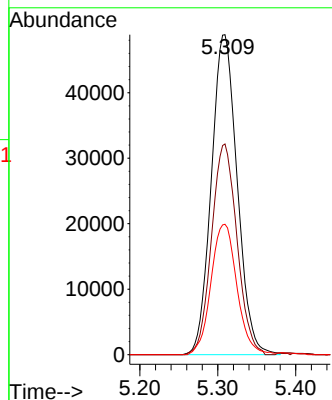
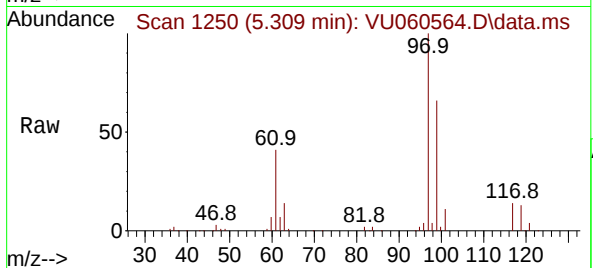




#29
1,1,1-Trichloroethane
Concen: 4.837 ug/L
RT: 5.309 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU060564.D
Acq: 29 Aug 2024 12:38

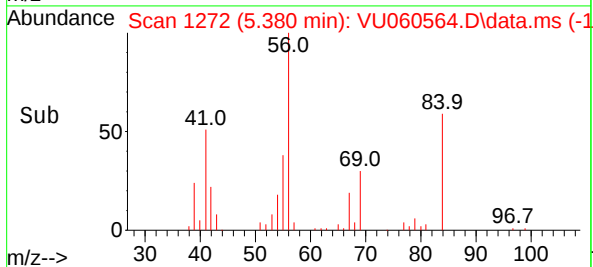
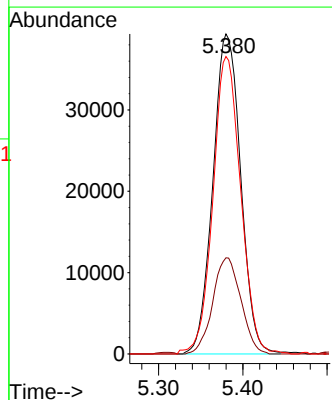
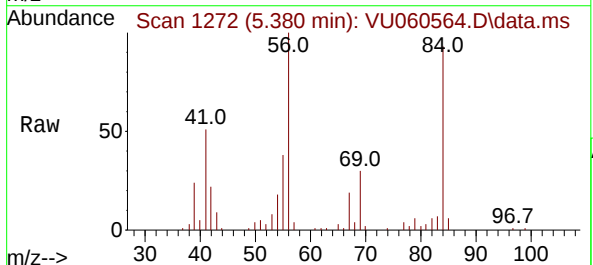
Instrument :
MSVOA_U
ClientSampleId :

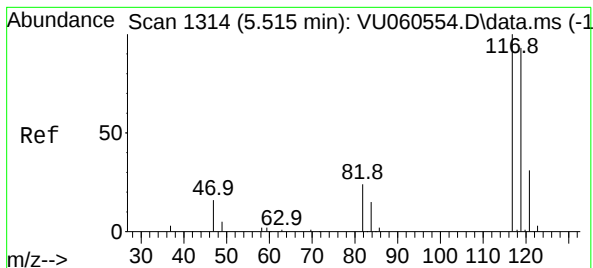
Tgt Ion: 97 Resp: 112885
Ion Ratio Lower Upper
97 100
99 64.7 49.7 74.5
61 40.9 35.4 53.2



#30
Cyclohexane
Concen: 4.660 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VU060564.D
Acq: 29 Aug 2024 12:38

Tgt Ion: 56 Resp: 90039
Ion Ratio Lower Upper
56 100
69 30.4 24.2 36.2
84 92.9 69.7 104.5





#31

Carbon tetrachloride

Concen: 4.680 ug/L

RT: 5.518 min Scan# 1314

Delta R.T. 0.003 min

Lab File: VU060564.D

Acq: 29 Aug 2024 12:38

Instrument :

MSVOA_U

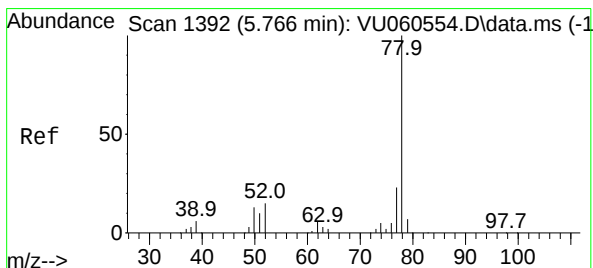
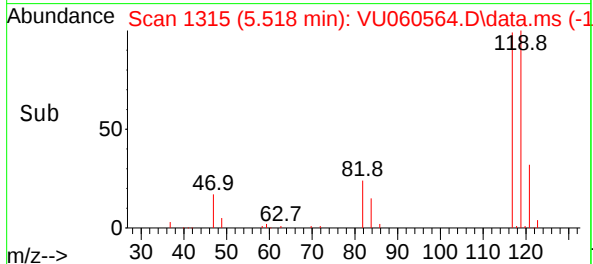
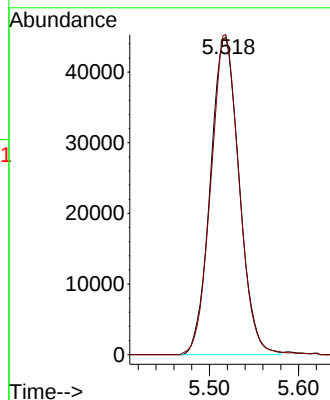
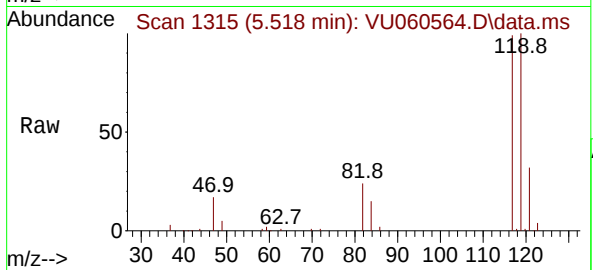
ClientSampleId :

Tgt Ion:117 Resp: 100952

Ion Ratio Lower Upper

117 100

119 98.9 76.4 114.6



#33

Benzene

Concen: 5.050 ug/L

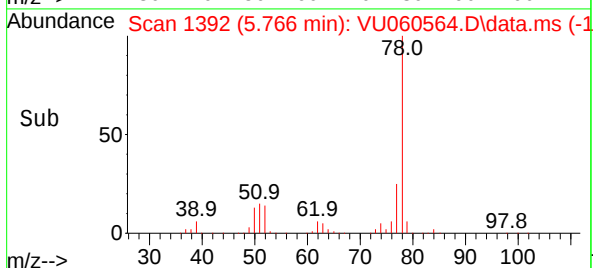
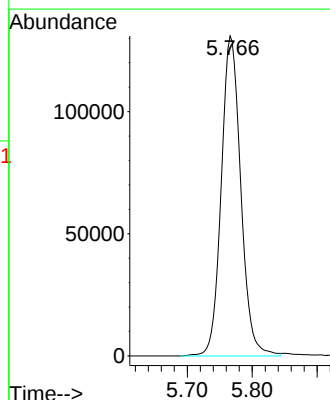
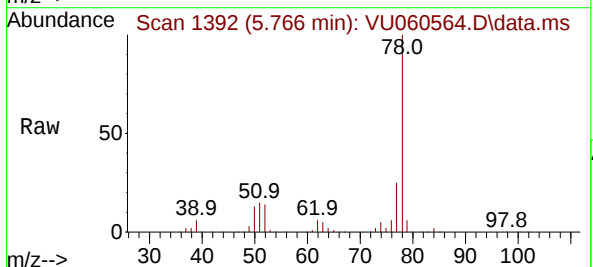
RT: 5.766 min Scan# 1392

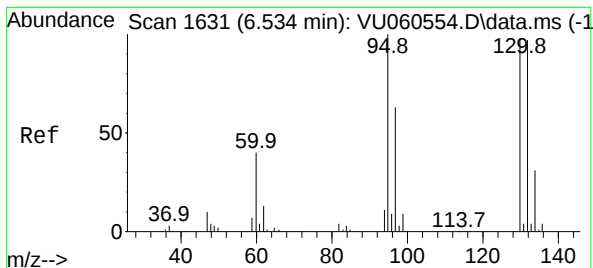
Delta R.T. 0.000 min

Lab File: VU060564.D

Acq: 29 Aug 2024 12:38

Tgt Ion: 78 Resp: 272933





#34

Trichloroethene

Concen: 4.956 ug/L

RT: 6.537 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU060564.D

Acq: 29 Aug 2024 12:38

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 72597

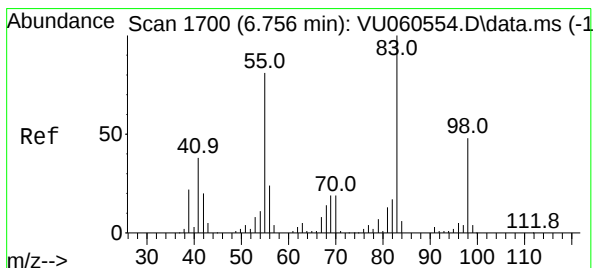
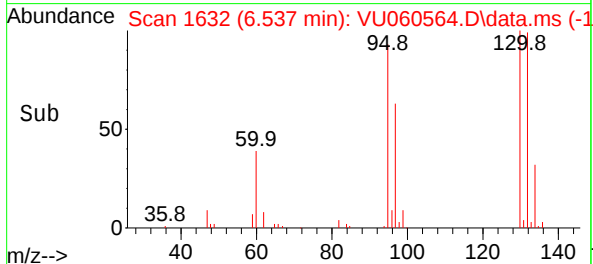
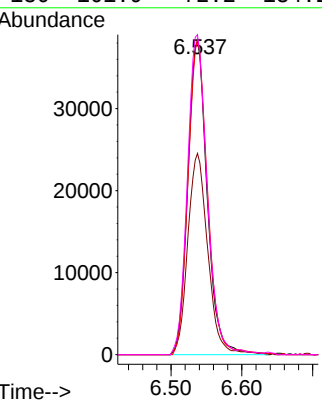
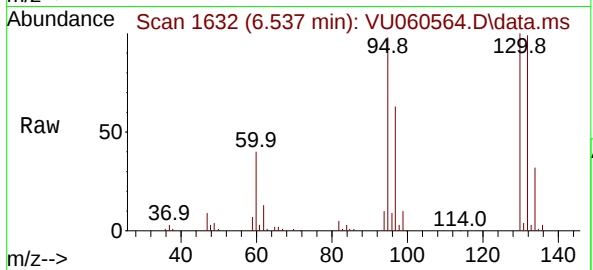
Ion Ratio Lower Upper

95 100

97 64.1 45.8 85.2

132 100.5 67.4 125.2

130 101.9 72.2 134.2



#35

Methylcyclohexane

Concen: 5.009 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VU060564.D

Acq: 29 Aug 2024 12:38

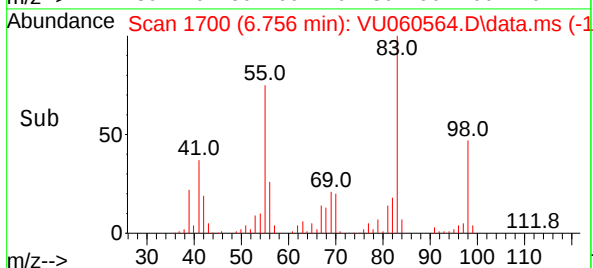
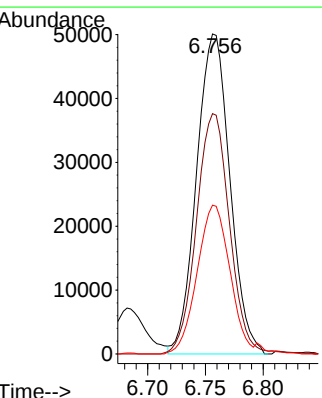
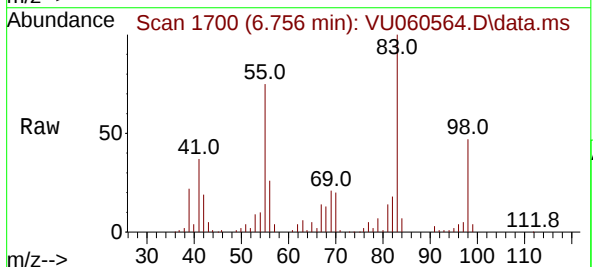
Tgt Ion: 83 Resp: 100690

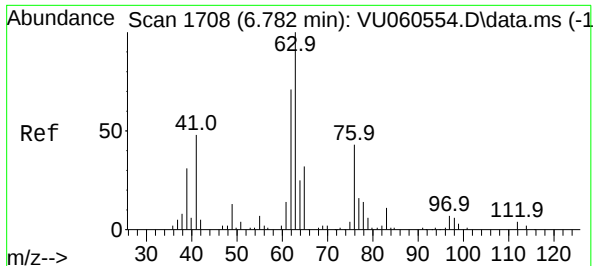
Ion Ratio Lower Upper

83 100

55 74.8 65.8 98.8

98 45.4 37.8 56.8

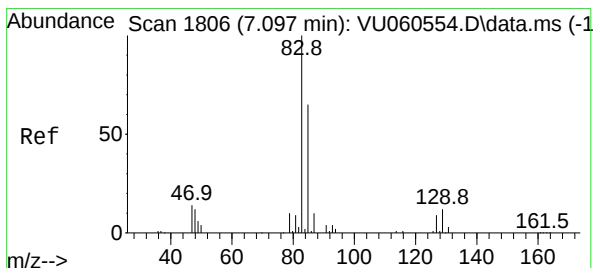
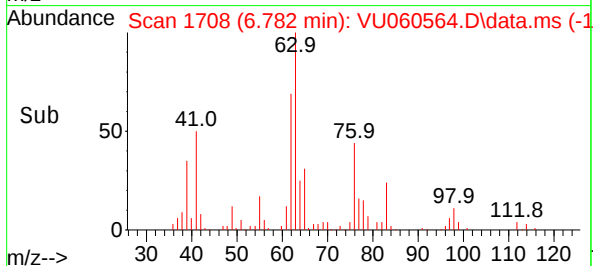
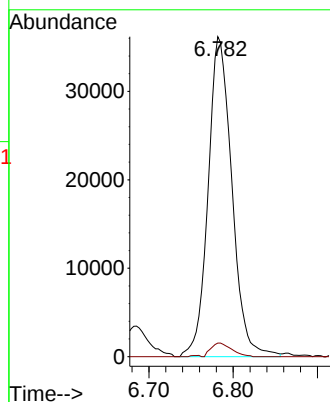
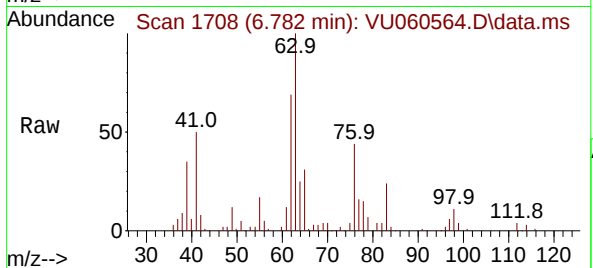




#37
1,2-Dichloropropane
Concen: 5.131 ug/L
RT: 6.782 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU060564.D
Acq: 29 Aug 2024 12:38

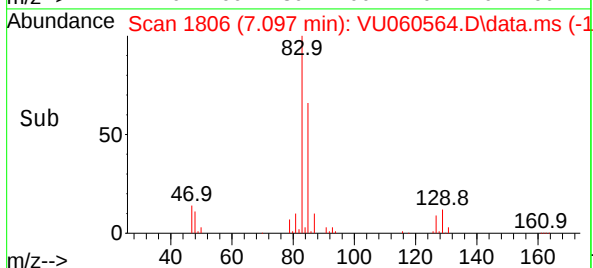
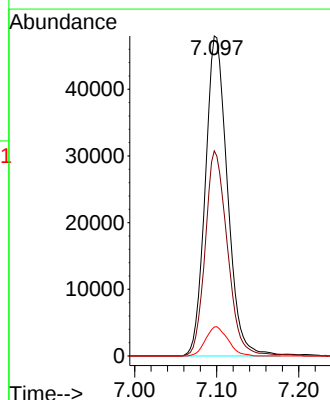
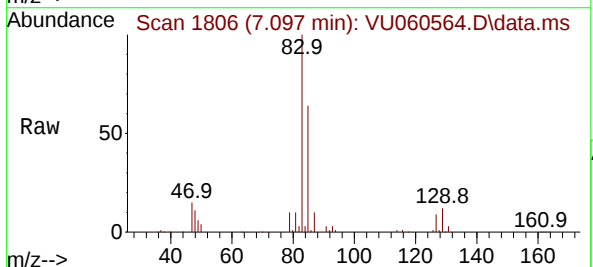
Instrument :
MSVOA_U
ClientSampleId :

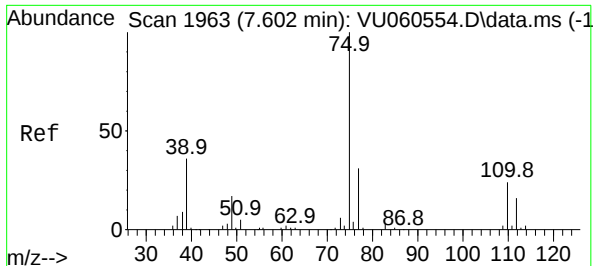
Tgt Ion: 63 Resp: 71050
Ion Ratio Lower Upper
63 100
112 3.7 2.3 3.5#



#38
Bromodichloromethane
Concen: 4.946 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU060564.D
Acq: 29 Aug 2024 12:38

Tgt Ion: 83 Resp: 90010
Ion Ratio Lower Upper
83 100
85 64.1 44.9 83.5
127 9.1 7.3 10.9

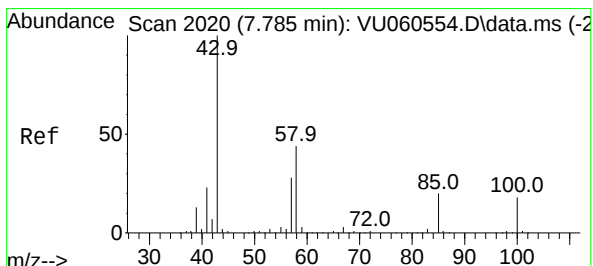
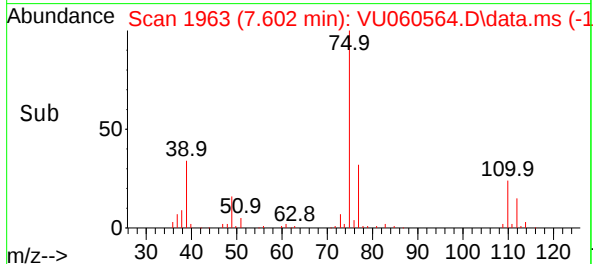
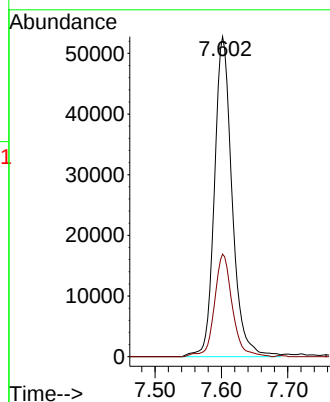
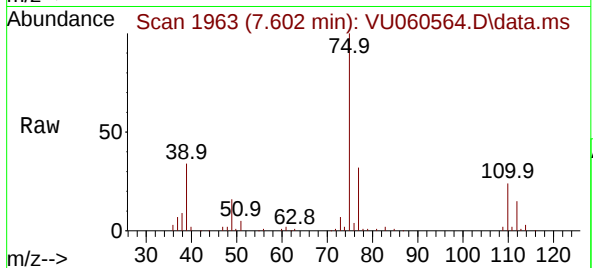




#39
 cis-1,3-Dichloropropene
 Concen: 4.821 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. 0.000 min
 Lab File: VU060564.D
 Acq: 29 Aug 2024 12:38

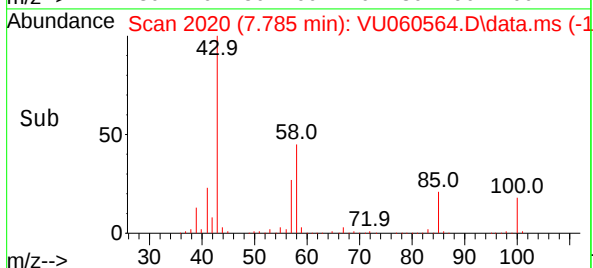
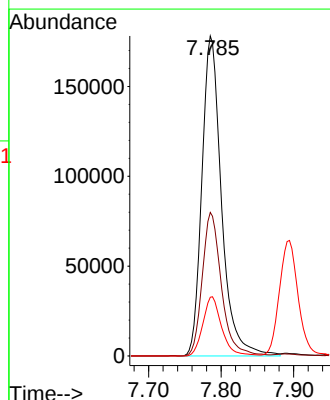
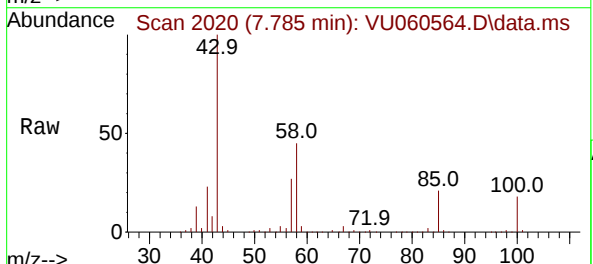
Instrument :
 MSVOA_U
 ClientSampleId :

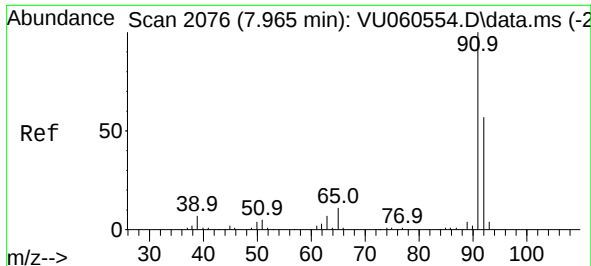
Tgt Ion: 75 Resp: 97888
 Ion Ratio Lower Upper
 75 100
 77 32.1 22.1 41.1



#40
 4-Methyl-2-pentanone
 Concen: 46.487 ug/L
 RT: 7.785 min Scan# 2020
 Delta R.T. 0.000 min
 Lab File: VU060564.D
 Acq: 29 Aug 2024 12:38

Tgt Ion: 43 Resp: 335279
 Ion Ratio Lower Upper
 43 100
 58 43.9 32.5 48.7
 100 17.7 12.5 18.7





#42

Toluene

Concen: 5.209 ug/L

RT: 7.962 min Scan# 2076

Delta R.T. -0.003 min

Lab File: VU060564.D

Acq: 29 Aug 2024 12:38

Instrument :

MSVOA_U

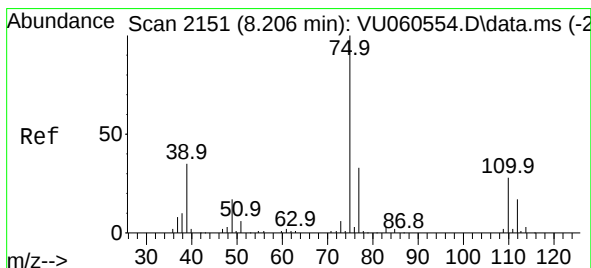
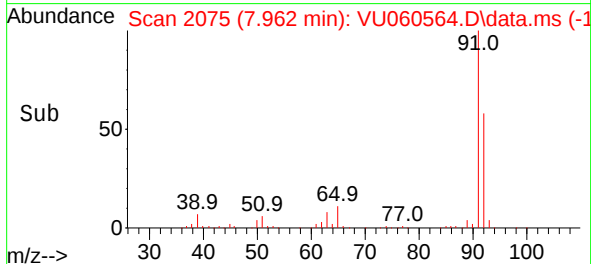
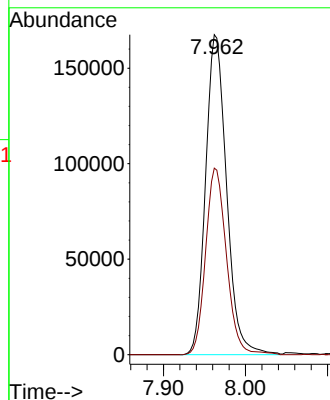
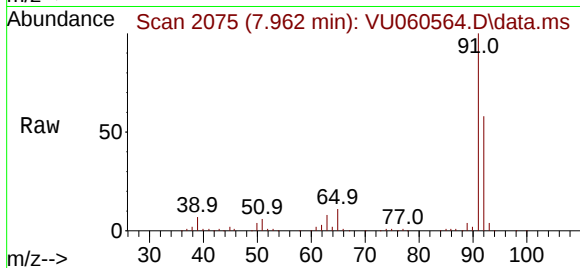
ClientSampleId :

Tgt Ion: 91 Resp: 297503

Ion Ratio Lower Upper

91 100

92 58.3 38.0 70.6



#44

trans-1,3-Dichloropropene

Concen: 4.985 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.000 min

Lab File: VU060564.D

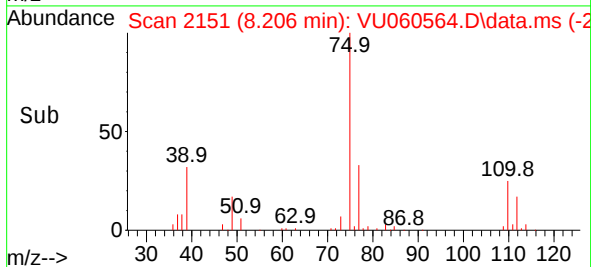
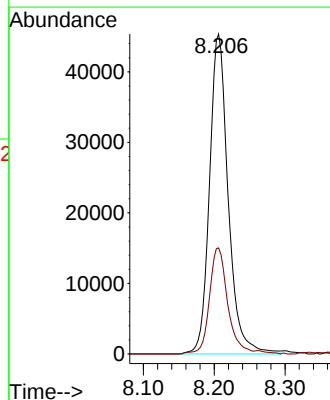
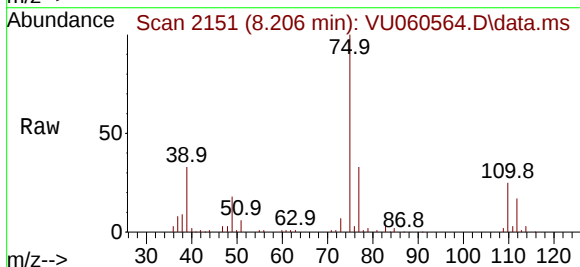
Acq: 29 Aug 2024 12:38

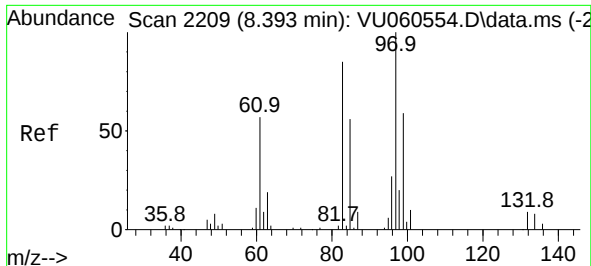
Tgt Ion: 75 Resp: 83098

Ion Ratio Lower Upper

75 100

77 33.1 23.4 43.6





#45

1,1,2-Trichloroethane

Concen: 5.306 ug/L

RT: 8.393 min Scan# 2209

Delta R.T. 0.000 min

Lab File: VU060564.D

Acq: 29 Aug 2024 12:38

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 53227

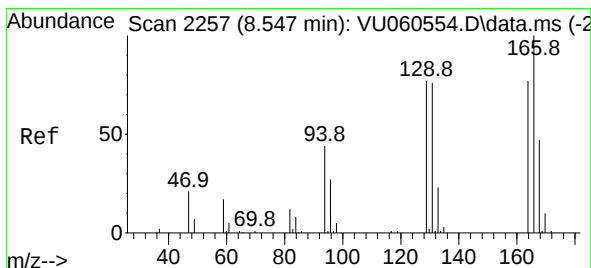
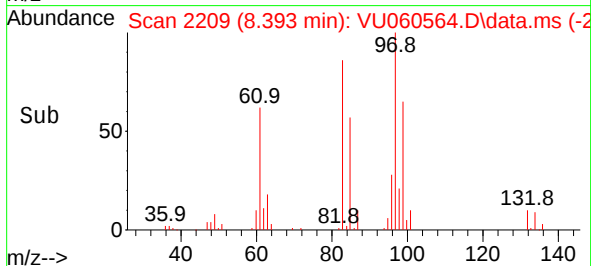
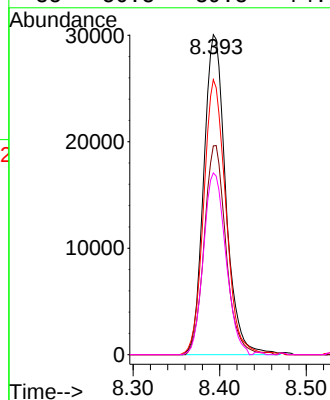
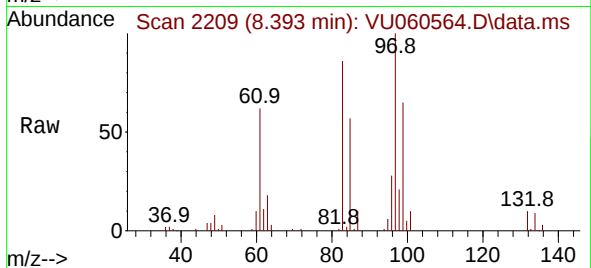
Ion Ratio Lower Upper

97 100

99 65.2 42.4 78.8

83 85.9 64.0 119.0

85 56.8 39.8 74.0



#47

Tetrachloroethene

Concen: 5.059 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. 0.000 min

Lab File: VU060564.D

Acq: 29 Aug 2024 12:38

Tgt Ion: 164 Resp: 60743

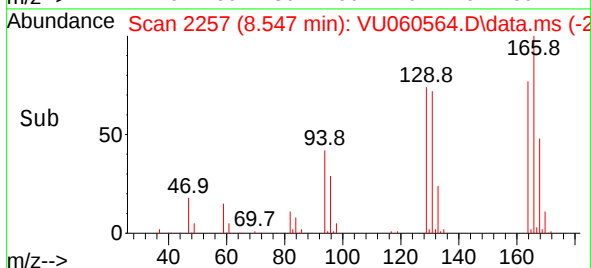
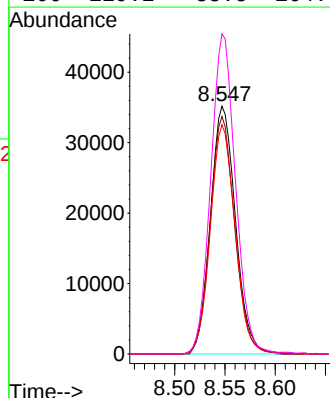
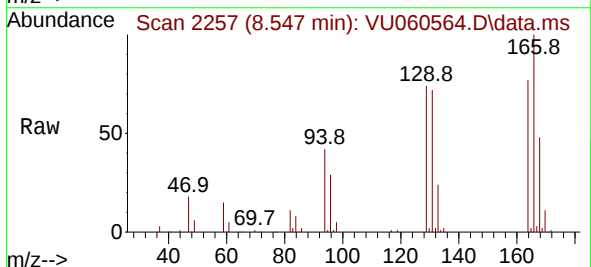
Ion Ratio Lower Upper

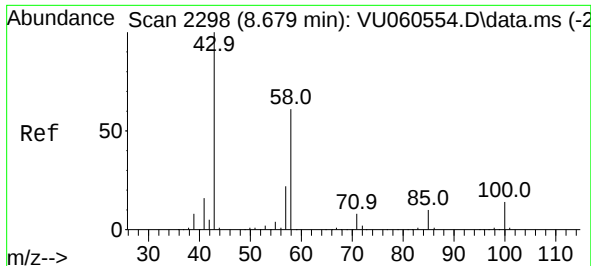
164 100

129 95.8 67.8 125.8

131 92.5 67.2 124.8

166 129.2 88.5 164.4





#48

2-Hexanone

Concen: 45.760 ug/L

RT: 8.679 min Scan# 2298

Delta R.T. 0.000 min

Lab File: VU060564.D

Acq: 29 Aug 2024 12:38

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 43 Resp: 246994

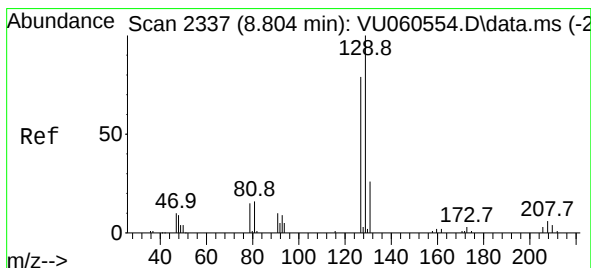
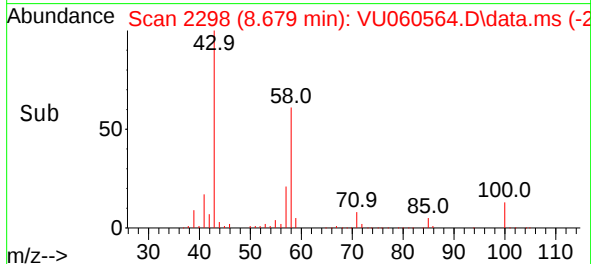
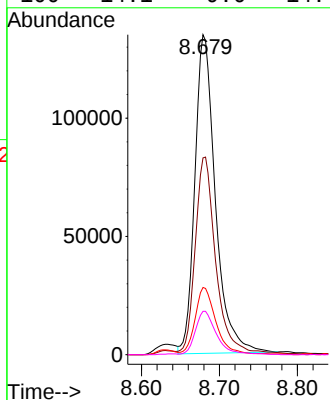
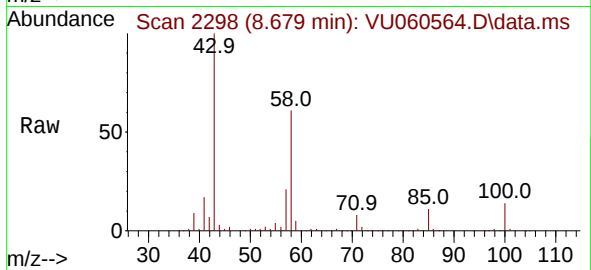
Ion Ratio Lower Upper

43 100

58 63.1 45.6 68.4

57 20.7 15.6 23.4

100 14.1 9.6 14.4



#49

Dibromochloromethane

Concen: 5.387 ug/L

RT: 8.804 min Scan# 2337

Delta R.T. 0.000 min

Lab File: VU060564.D

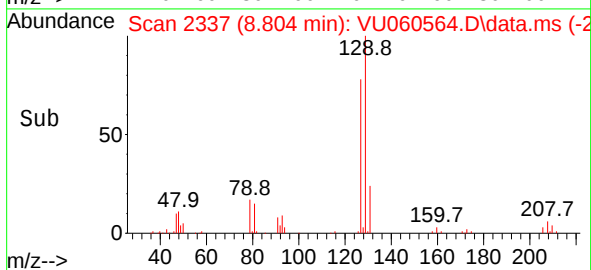
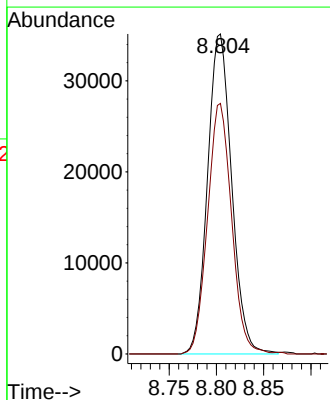
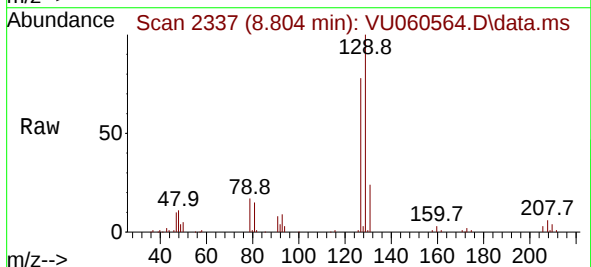
Acq: 29 Aug 2024 12:38

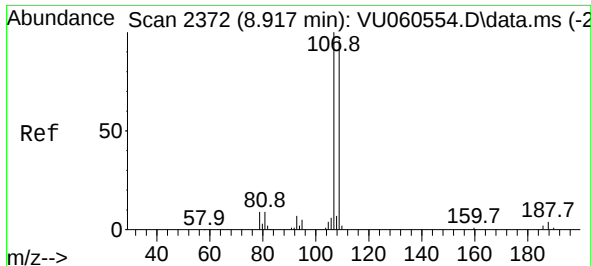
Tgt Ion: 129 Resp: 62564

Ion Ratio Lower Upper

129 100

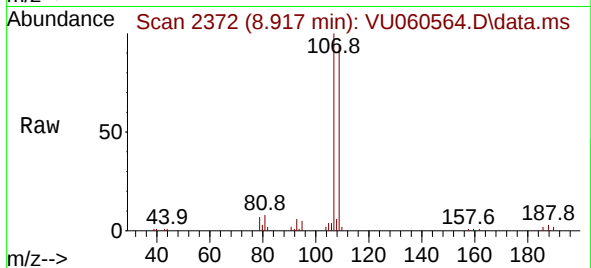
127 78.3 53.0 98.4



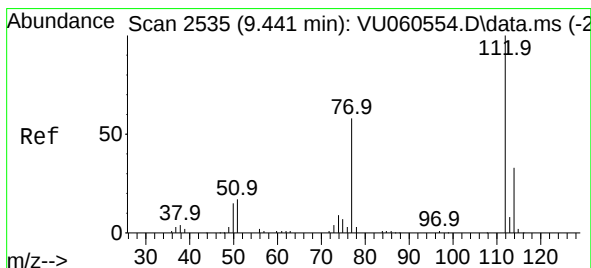
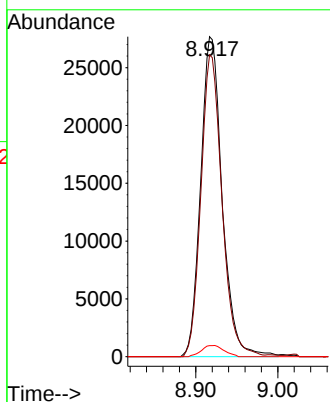
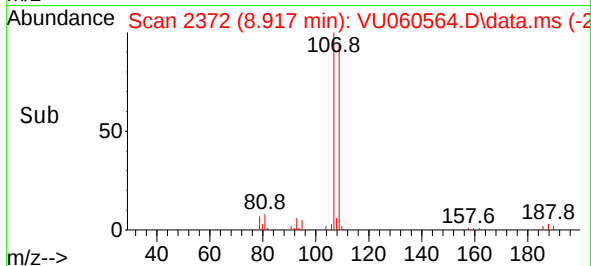


#50
1,2-Dibromoethane
Concen: 5.482 ug/L
RT: 8.917 min Scan# 2372
Delta R.T. 0.000 min
Lab File: VU060564.D
Acq: 29 Aug 2024 12:38

Instrument :
MSVOA_U
ClientSampleId :

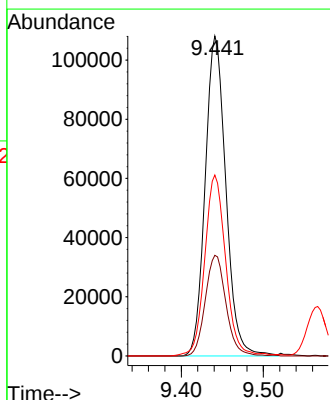
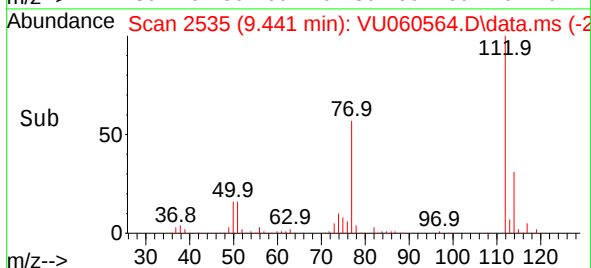
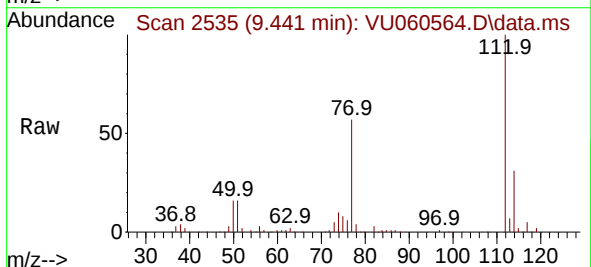


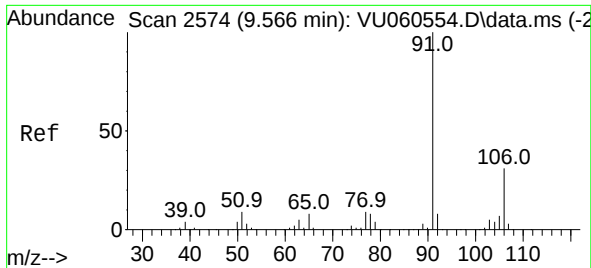
Tgt Ion:107 Resp: 50490
Ion Ratio Lower Upper
107 100
109 94.3 68.5 127.3
188 3.4 3.9 5.9#



#51
Chlorobenzene
Concen: 5.136 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.000 min
Lab File: VU060564.D
Acq: 29 Aug 2024 12:38

Tgt Ion:112 Resp: 189881
Ion Ratio Lower Upper
112 100
114 31.4 21.9 40.7
77 56.5 47.4 71.2

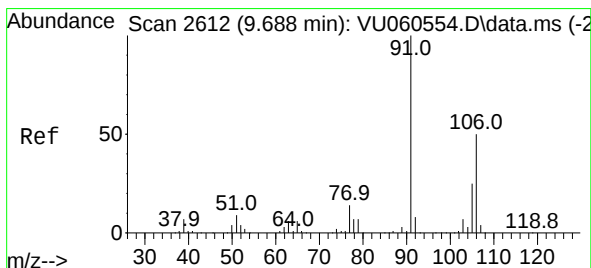
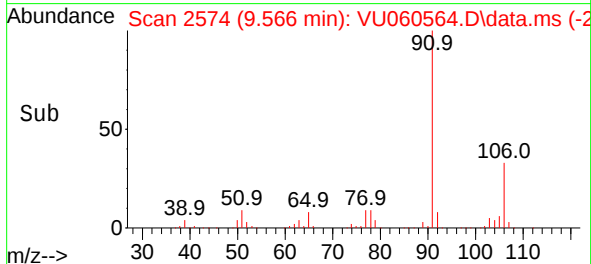
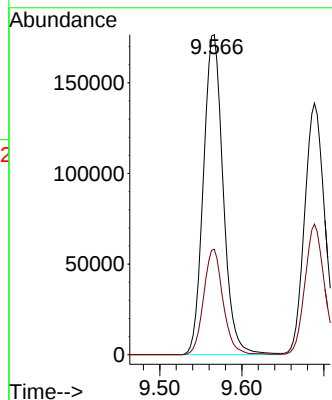
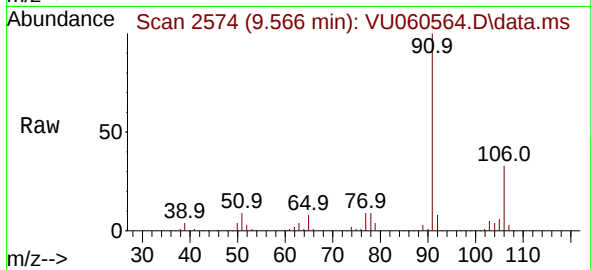




#52
Ethylbenzene
Concen: 4.875 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. 0.000 min
Lab File: VU060564.D
Acq: 29 Aug 2024 12:38

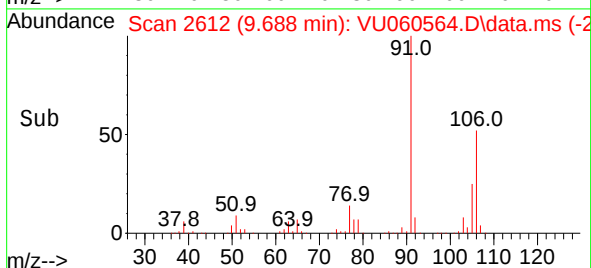
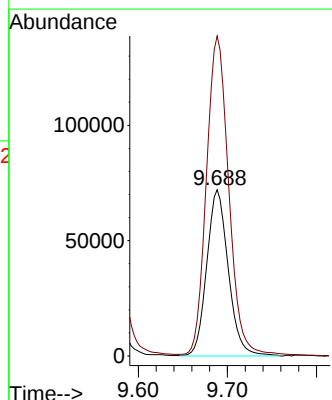
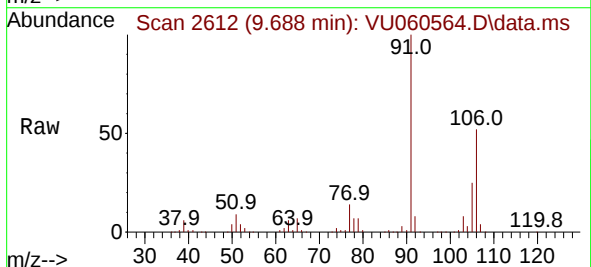
Instrument :
MSVOA_U
ClientSampleId :

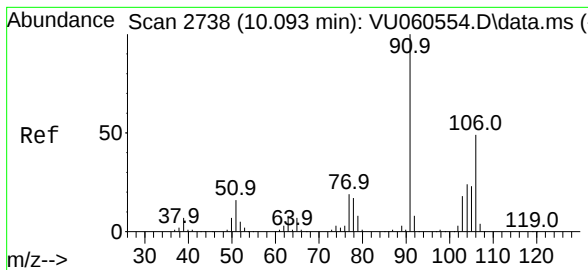
Tgt Ion: 91 Resp: 295075
Ion Ratio Lower Upper
91 100
106 33.0 21.9 40.7



#53
m,p-Xylene
Concen: 5.381 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU060564.D
Acq: 29 Aug 2024 12:38

Tgt Ion:106 Resp: 121079
Ion Ratio Lower Upper
106 100
91 192.5 141.5 262.9





#54

o-Xylene

Concen: 4.935 ug/L

RT: 10.097 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU060564.D

Acq: 29 Aug 2024 12:38

Instrument :

MSVOA_U

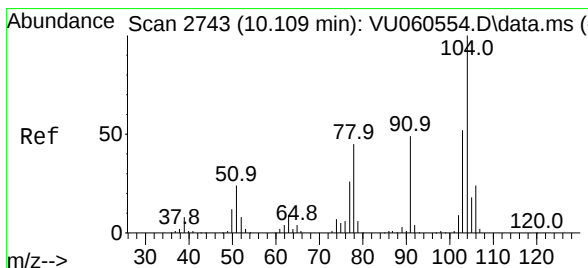
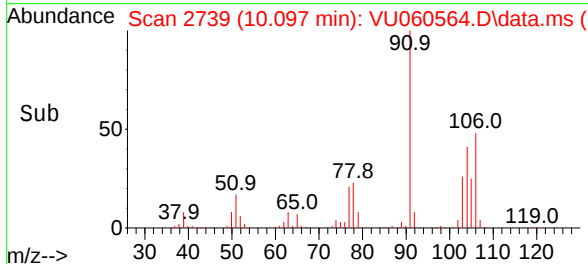
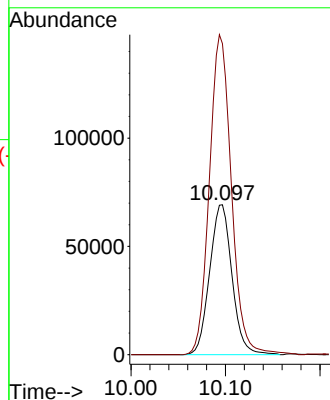
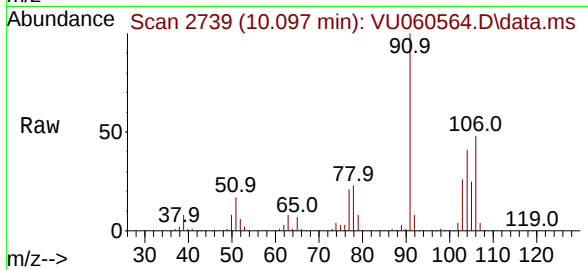
ClientSampleId :

Tgt Ion:106 Resp: 113677

Ion Ratio Lower Upper

106 100

91 207.4 151.1 280.7



#55

Styrene

Concen: 5.187 ug/L

RT: 10.110 min Scan# 2743

Delta R.T. 0.000 min

Lab File: VU060564.D

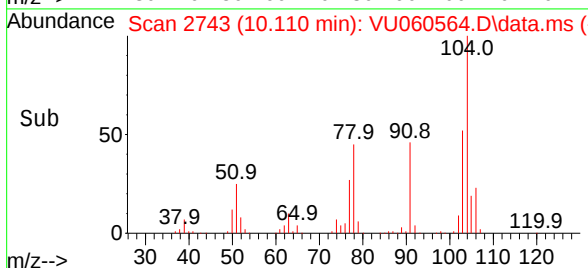
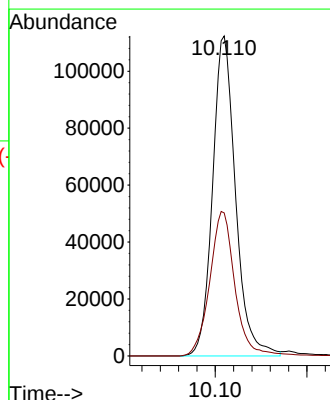
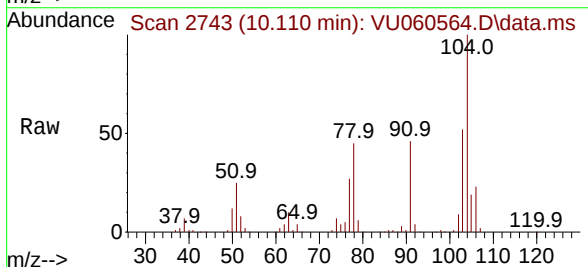
Acq: 29 Aug 2024 12:38

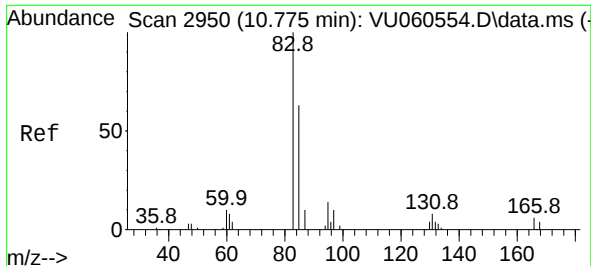
Tgt Ion:104 Resp: 195780

Ion Ratio Lower Upper

104 100

78 44.7 33.3 61.9





#57

1,1,2,2-Tetrachloroethane

Concen: 4.936 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU060564.D

Acq: 29 Aug 2024 12:38

Instrument :

MSVOA_U

ClientSampleId :

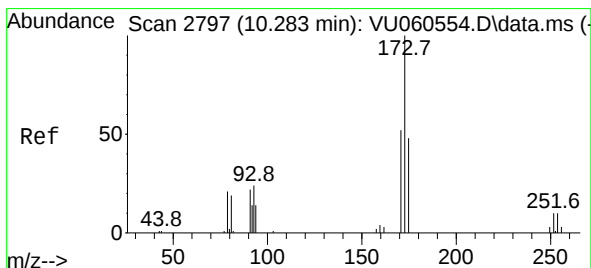
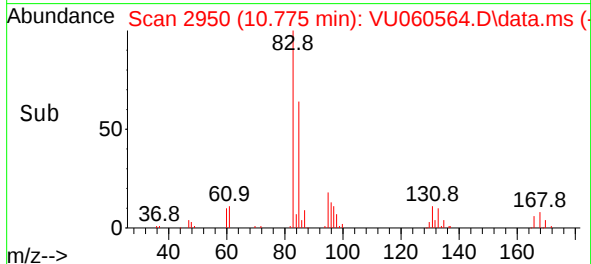
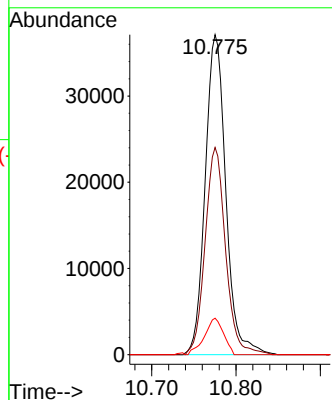
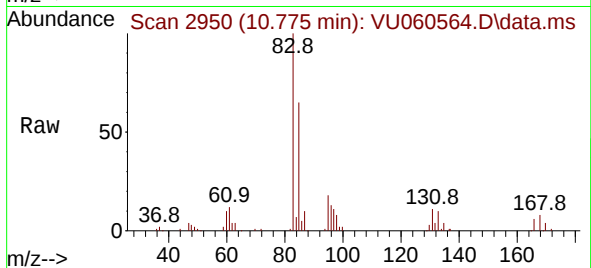
Tgt Ion: 83 Resp: 63221

Ion Ratio Lower Upper

83 100

85 64.7 43.3 80.5

131 11.4 8.9 13.3



#59

Bromoform

Concen: 5.600 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. 0.000 min

Lab File: VU060564.D

Acq: 29 Aug 2024 12:38

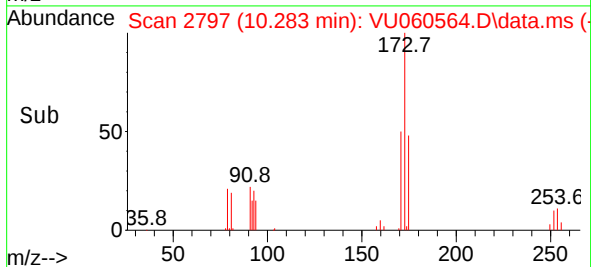
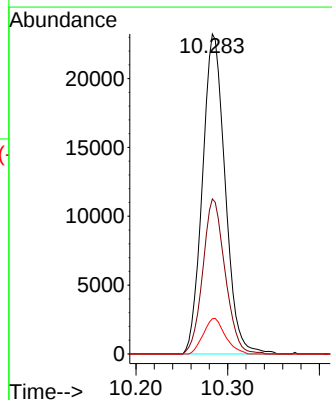
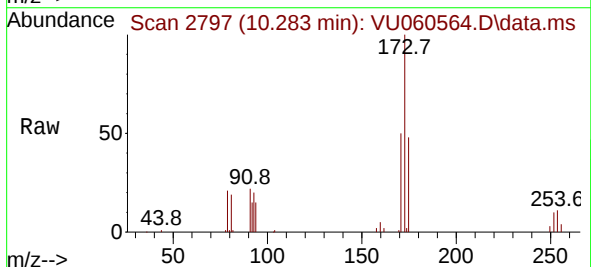
Tgt Ion:173 Resp: 39909

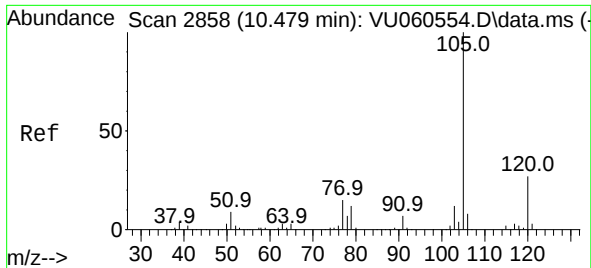
Ion Ratio Lower Upper

173 100

175 47.6 39.8 59.8

254 10.7 8.2 12.2

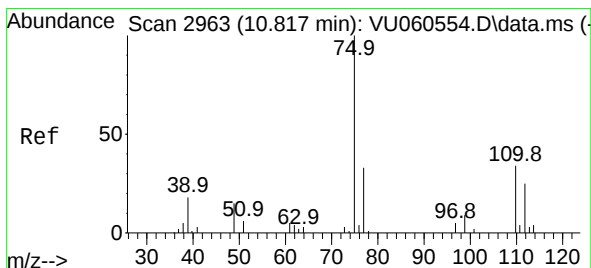
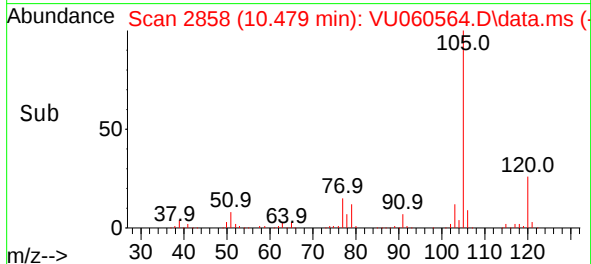
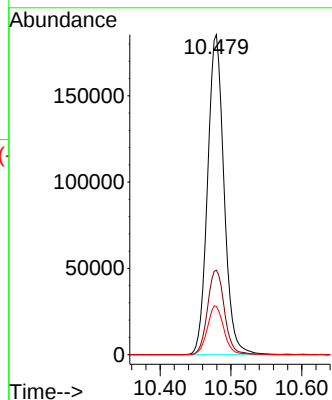
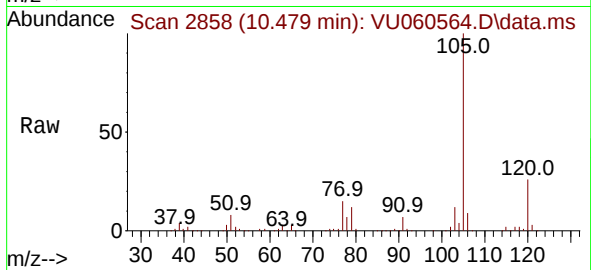




#60
Isopropylbenzene
Concen: 5.161 ug/L
RT: 10.479 min Scan# 2858
Delta R.T. 0.000 min
Lab File: VU060564.D
Acq: 29 Aug 2024 12:38

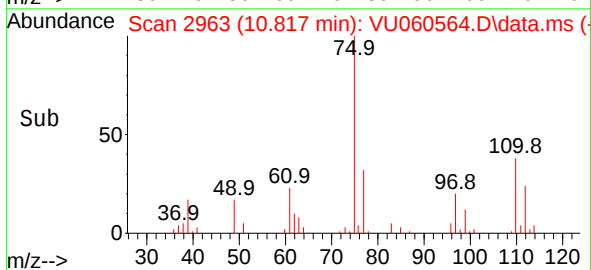
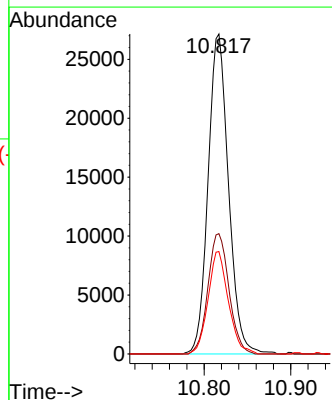
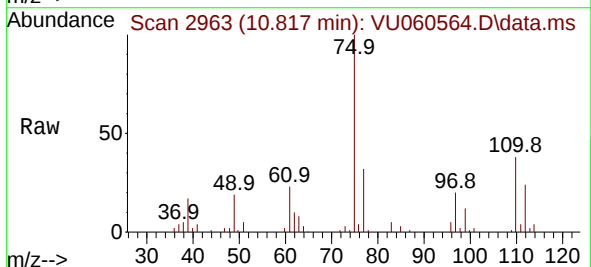
Instrument :
MSVOA_U
ClientSampleId :

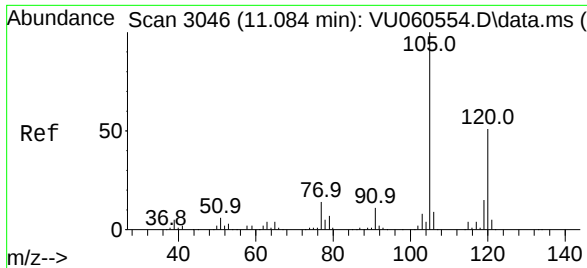
Tgt Ion:105 Resp: 298978
Ion Ratio Lower Upper
105 100
120 27.3 21.0 31.4
77 15.4 13.0 19.4



#61
1,2,3-Trichloropropane
Concen: 5.323 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. 0.000 min
Lab File: VU060564.D
Acq: 29 Aug 2024 12:38

Tgt Ion: 75 Resp: 44527
Ion Ratio Lower Upper
75 100
110 38.8 30.2 45.4
77 31.8 25.4 38.2

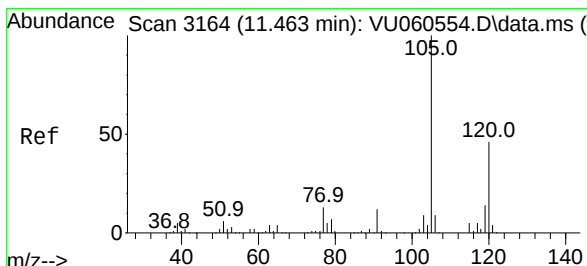
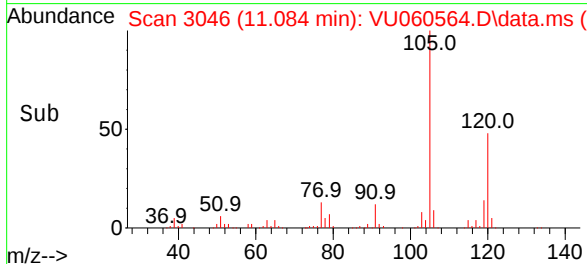
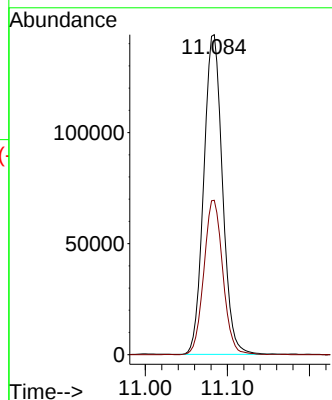
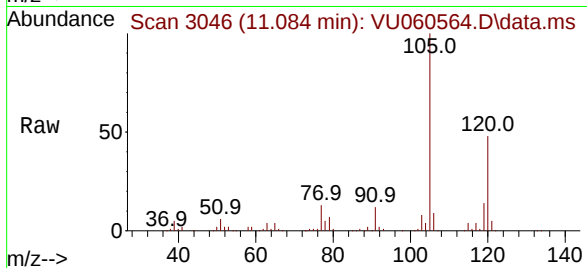




#62
1,3,5-Trimethylbenzene
Concen: 5.296 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. 0.000 min
Lab File: VU060564.D
Acq: 29 Aug 2024 12:38

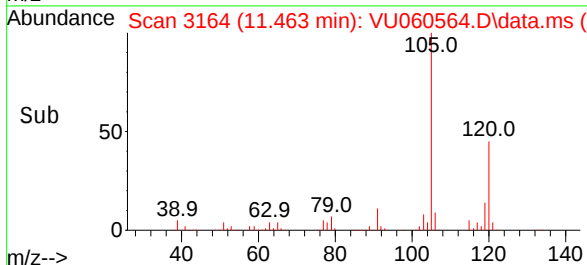
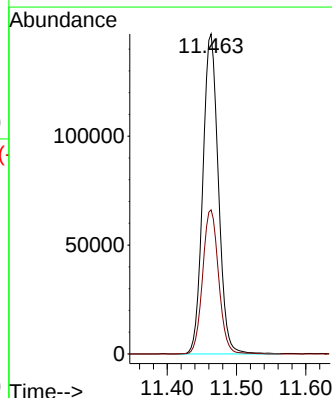
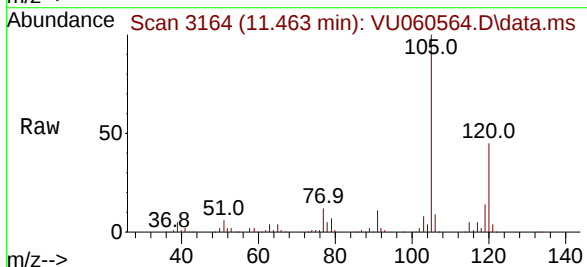
Instrument :
MSVOA_U
ClientSampleId :

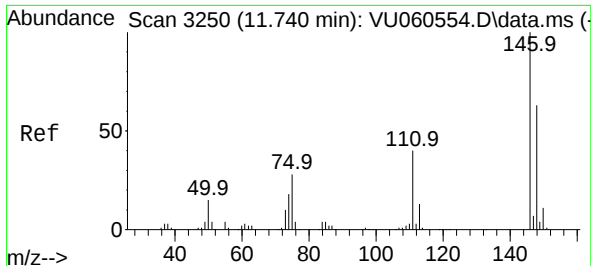
Tgt Ion:105 Resp: 228665
Ion Ratio Lower Upper
105 100
120 48.9 37.4 56.0



#63
1,2,4-Trimethylbenzene
Concen: 5.204 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VU060564.D
Acq: 29 Aug 2024 12:38

Tgt Ion:105 Resp: 229214
Ion Ratio Lower Upper
105 100
120 46.3 35.7 53.5





#64

1,3-Dichlorobenzene

Concen: 5.314 ug/L

RT: 11.740 min Scan# 3250

Delta R.T. 0.000 min

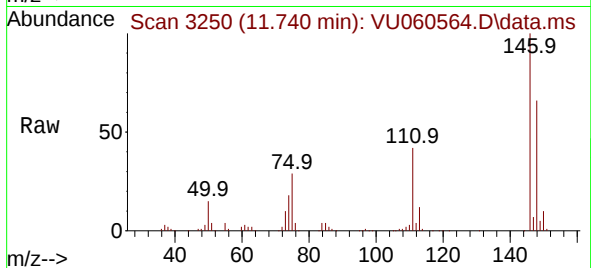
Lab File: VU060564.D

Acq: 29 Aug 2024 12:38

Instrument :

MSVOA_U

ClientSampleId :



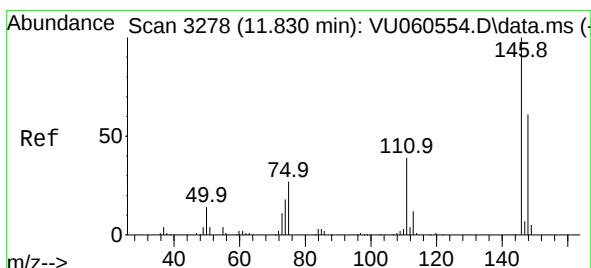
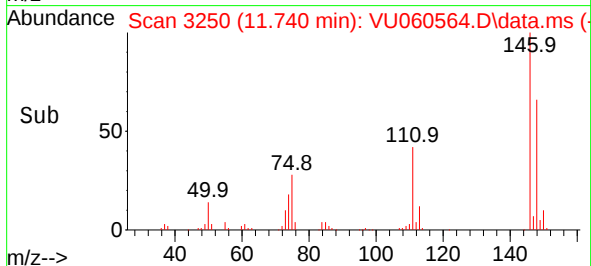
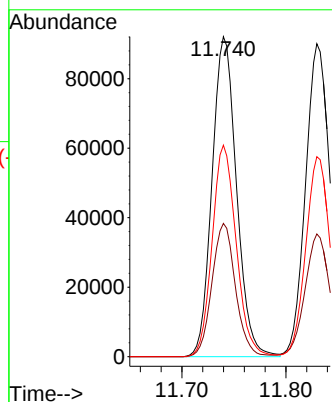
Tgt Ion:146 Resp: 150675

Ion Ratio Lower Upper

146 100

111 41.7 27.9 51.9

148 66.1 43.5 80.7



#65

1,4-Dichlorobenzene

Concen: 5.244 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. 0.000 min

Lab File: VU060564.D

Acq: 29 Aug 2024 12:38

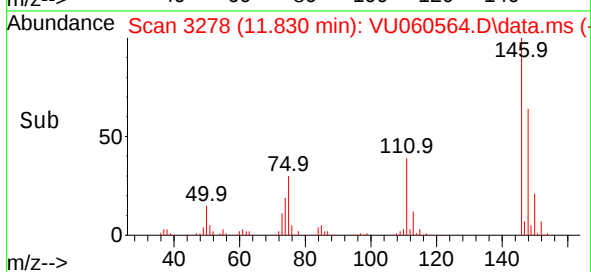
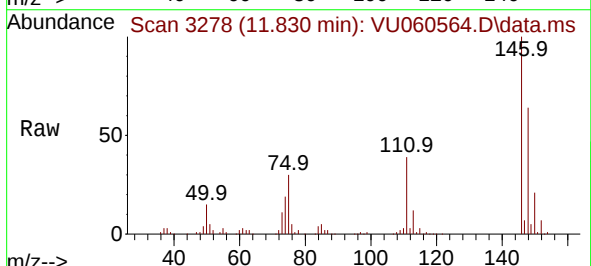
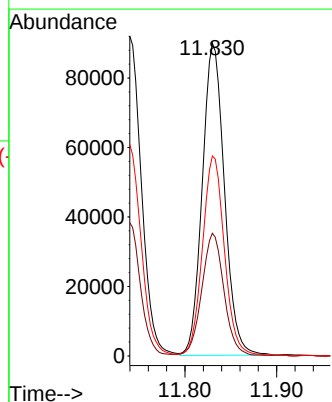
Tgt Ion:146 Resp: 150882

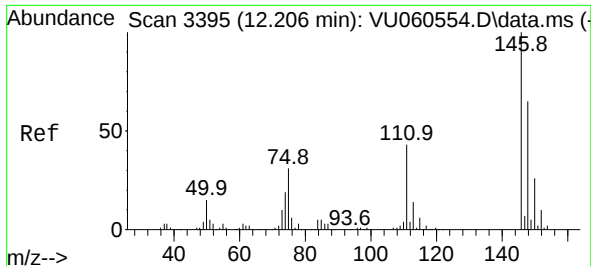
Ion Ratio Lower Upper

146 100

111 39.2 27.2 50.4

148 63.9 43.6 81.0





#67

1,2-Dichlorobenzene

Concen: 5.281 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. 0.000 min

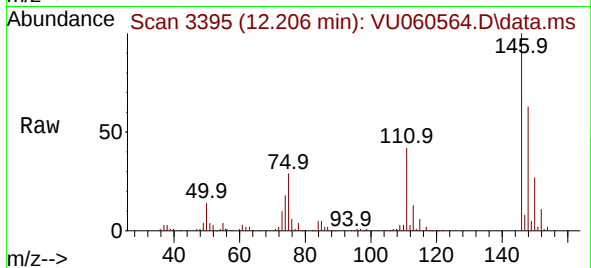
Lab File: VU060564.D

Acq: 29 Aug 2024 12:38

Instrument :

MSVOA_U

ClientSampleId :



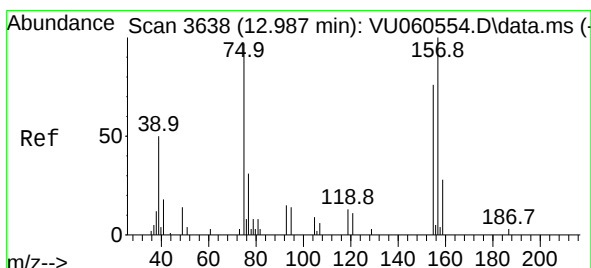
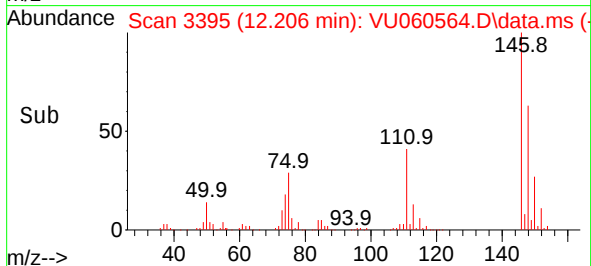
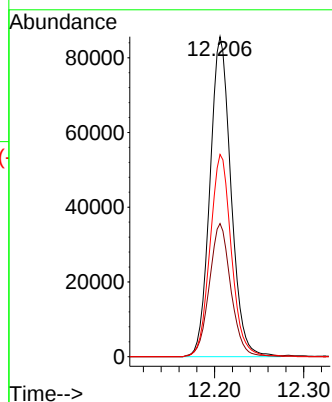
Tgt Ion:146 Resp: 140467

Ion Ratio Lower Upper

146 100

111 41.6 34.6 52.0

148 63.2 51.4 77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 4.533 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. 0.003 min

Lab File: VU060564.D

Acq: 29 Aug 2024 12:38

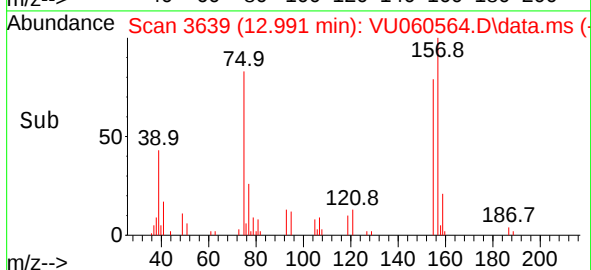
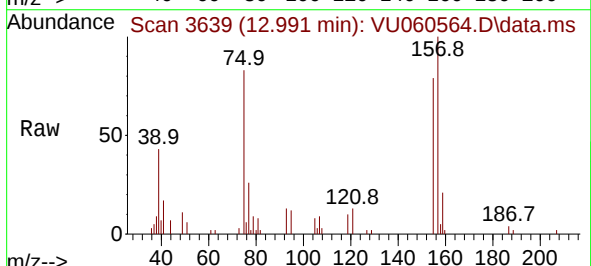
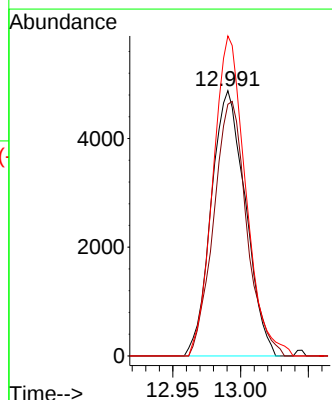
Tgt Ion: 75 Resp: 8558

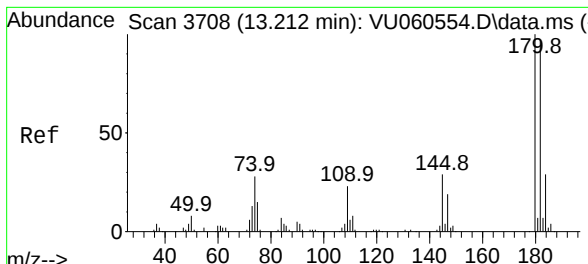
Ion Ratio Lower Upper

75 100

155 94.9 62.7 94.1#

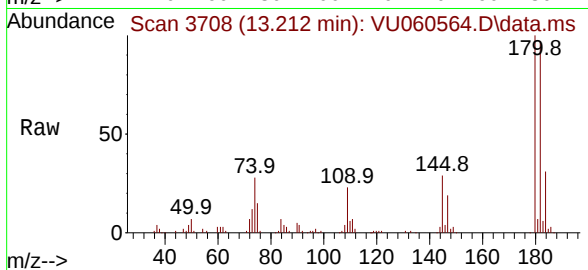
157 120.6 70.4 105.6#





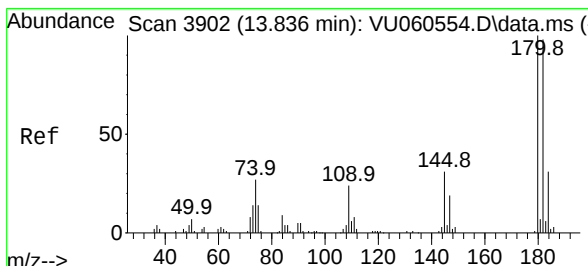
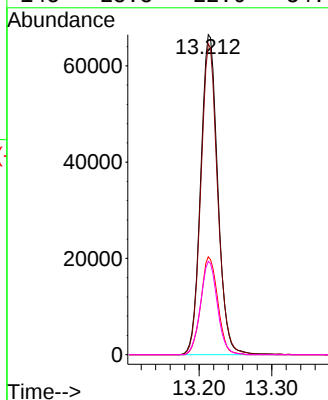
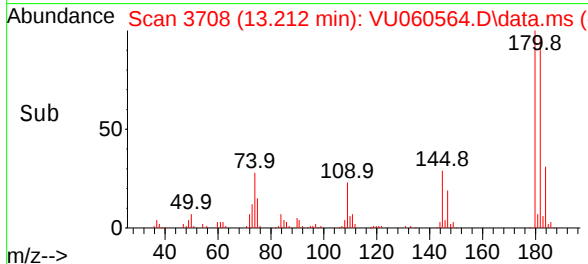
#69
 1,3,5-Trichlorobenzene
 Concen: 4.967 ug/L
 RT: 13.212 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU060564.D
 Acq: 29 Aug 2024 12:38

Instrument :
 MSVOA_U
 ClientSampleId :

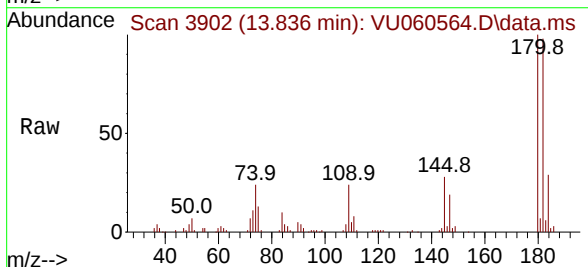


Tgt Ion:180 Resp: 108581

Ion	Ratio	Lower	Upper
180	100		
182	95.9	77.6	116.4
184	30.4	24.9	37.3
145	28.8	22.6	34.0

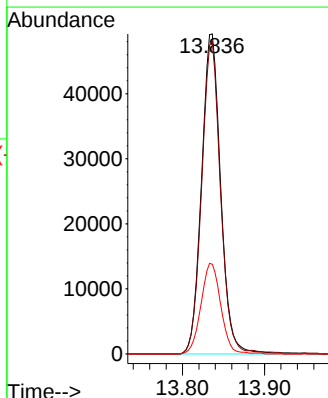
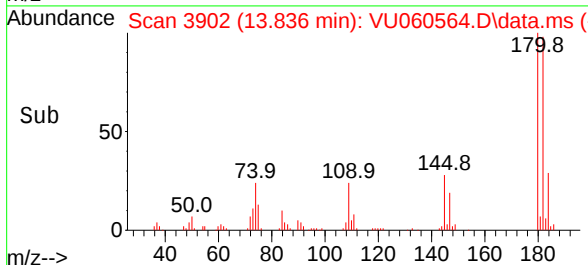


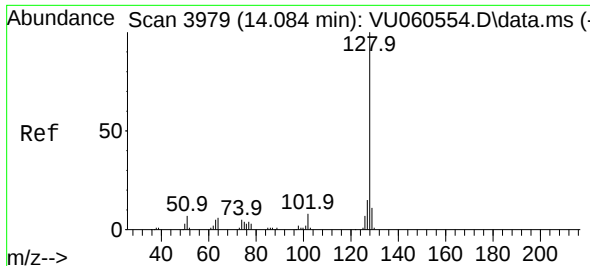
#70
 1,2,4-trichlorobenzene
 Concen: 4.514 ug/L
 RT: 13.836 min Scan# 3902
 Delta R.T. 0.000 min
 Lab File: VU060564.D
 Acq: 29 Aug 2024 12:38



Tgt Ion:180 Resp: 79617

Ion	Ratio	Lower	Upper
180	100		
182	95.6	77.3	115.9
145	29.2	23.9	35.9

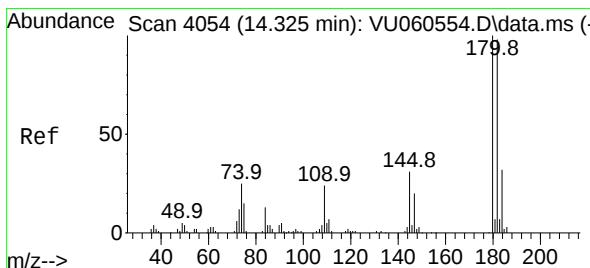
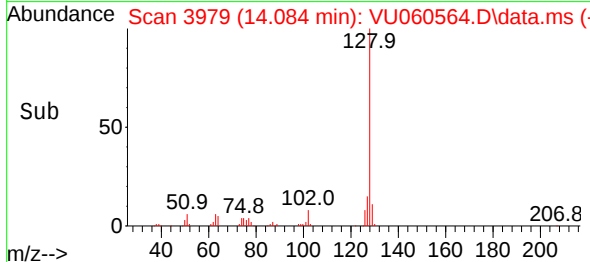
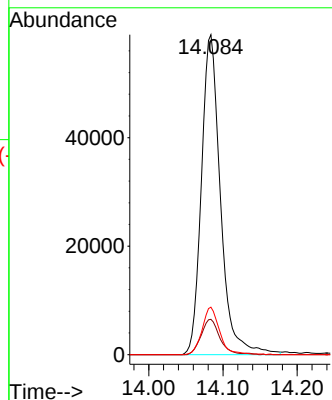
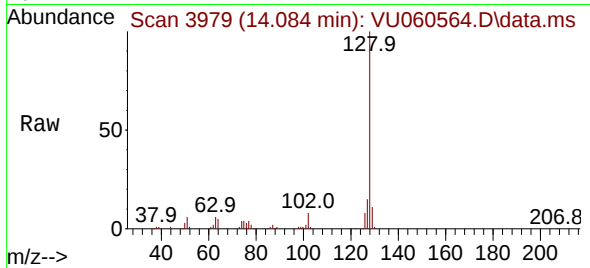




#71
Naphthalene
Concen: 4.675 ug/L
RT: 14.084 min Scan# 3979
Delta R.T. 0.000 min
Lab File: VU060564.D
Acq: 29 Aug 2024 12:38

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 105351
Ion Ratio Lower Upper
128 100
129 10.7 8.5 12.7
127 13.6 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 4.930 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. -0.003 min
Lab File: VU060564.D
Acq: 29 Aug 2024 12:38

Tgt Ion:180 Resp: 72771
Ion Ratio Lower Upper
180 100
182 98.0 76.0 114.0
145 29.4 24.3 36.5

