

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
 Data File : VU059797.D
 Acq On : 03 Jul 2024 14:54
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 78 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 04 00:59:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 03 06:10:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	155423	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	159520	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	84778	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	56947	5.269	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.400%
7) Chloroethane-d5	1.908	69	47555	4.573	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.400%
11) 1,1-Dichloroethene-d2	2.560	65	20246	4.515	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.400%
20) 2-Butanone-d5	4.621	46	106175	47.694	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.380%
24) Chloroform-d	5.055	84	103578	4.669	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
26) 1,2-Dichloroethane-d4	5.692	65	48653	4.553	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.000%
32) Benzene-d6	5.721	84	202287	4.608	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.200%
36) 1,2-Dichloropropane-d6	6.685	67	63010	4.684	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.600%
41) Toluene-d8	7.891	98	194004	4.753	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
43) trans-1,3-Dichloroprop...	8.174	79	22200	5.270	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	105.400%
46) 2-Hexanone-d5	8.628	63	91929	52.522	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.040%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	52143	4.691	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	69975	4.637	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	62653	4.757	ug/L	98
3) Chloromethane	1.515	50	72508	5.115	ug/L	99
5) Vinyl chloride	1.599	62	81296	5.192	ug/L	100
6) Bromomethane	1.853	94	47995	4.408	ug/L	91
8) Chloroethane	1.927	64	51496	5.458	ug/L	98
9) Trichlorofluoromethane	2.133	101	99043	5.255	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	61613	5.164	ug/L	94
12) 1,1-Dichloroethene	2.573	96	56957	5.167	ug/L	84
13) Acetone	2.631	43	72325	50.084	ug/L	93
14) Carbon disulfide	2.785	76	178888	4.864	ug/L	99
15) Methyl Acetate	2.946	43	19753	5.183	ug/L	91
16) Methylene chloride	3.036	84	67531	5.170	ug/L	91
17) Methyl tert-butyl Ether	3.354	73	124998	5.262	ug/L	98
18) trans-1,2-Dichloroethene	3.345	96	60131	5.245	ug/L	89
19) 1,1-Dichloroethane	3.856	63	111863	5.292	ug/L	99
21) 2-Butanone	4.698	43	120407	51.984	ug/L	90
22) cis-1,2-Dichloroethene	4.657	96	67550	5.346	ug/L	94
23) Bromochloromethane	4.965	128	31904	5.538	ug/L	86
25) Chloroform	5.078	83	117421	5.274	ug/L	96

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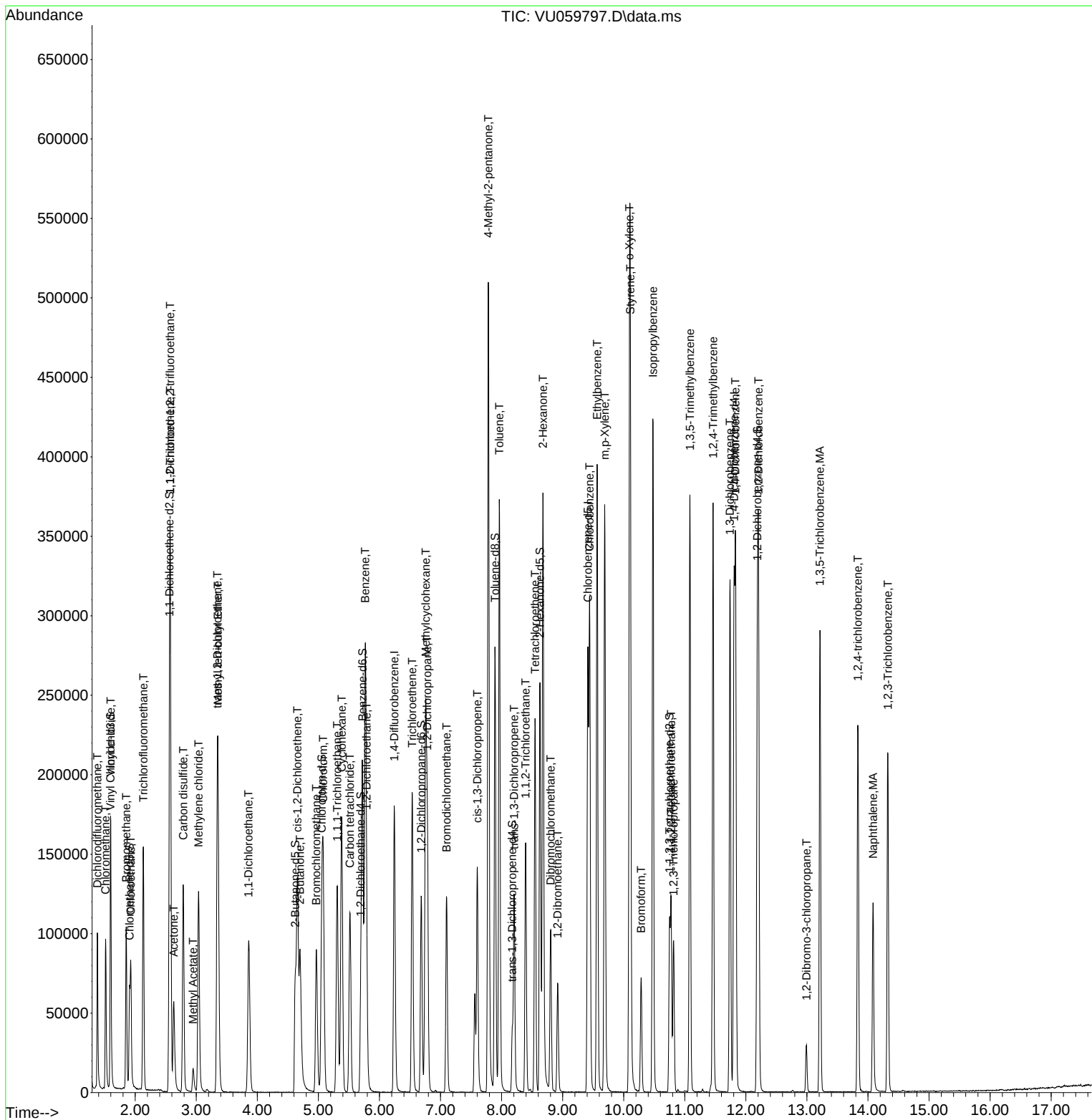
Instrument :
 MSVOA_U
 ClientSampleId :

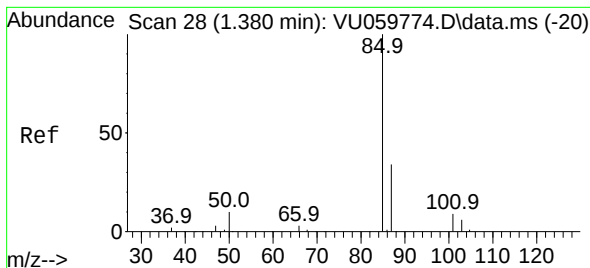
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	70831	5.249	ug/L	95
29) 1,1,1-Trichloroethane	5.309	97	95194	5.168	ug/L	98
30) Cyclohexane	5.380	56	80462	4.947	ug/L	93
31) Carbon tetrachloride	5.515	117	79801	5.174	ug/L	99
33) Benzene	5.766	78	259499	5.357	ug/L	100
34) Trichloroethene	6.534	95	67759	5.165	ug/L	98
35) Methylcyclohexane	6.756	83	91304	4.891	ug/L	96
37) 1,2-Dichloropropane	6.782	63	68538	5.467	ug/L #	98
38) Bromodichloromethane	7.097	83	83937	5.364	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	89011	5.192	ug/L	98
40) 4-Methyl-2-pentanone	7.782	43	307427	52.924	ug/L #	95
42) Toluene	7.962	91	282259	5.504	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	72962	5.302	ug/L	100
45) 1,1,2-Trichloroethane	8.393	97	52168	5.647	ug/L	97
47) Tetrachloroethene	8.547	164	54495	5.353	ug/L	96
48) 2-Hexanone	8.676	43	218366	52.673	ug/L #	91
49) Dibromochloromethane	8.801	129	54306	5.307	ug/L	98
50) 1,2-Dibromoethane	8.917	107	46853	5.492	ug/L	100
51) Chlorobenzene	9.441	112	172472	5.302	ug/L	97
52) Ethylbenzene	9.563	91	277561	5.276	ug/L	97
53) m,p-Xylene	9.689	106	110401	5.464	ug/L	96
54) o-Xylene	10.094	106	102999	5.371	ug/L	98
55) Styrene	10.110	104	184734	5.659	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.775	83	60749	5.421	ug/L	98
59) Bromoform	10.283	173	33672	5.190	ug/L	98
60) Isopropylbenzene	10.480	105	273528	5.223	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	40905	5.221	ug/L	96
62) 1,3,5-Trimethylbenzene	11.084	105	203736	4.911	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	201433	5.078	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	140918	5.290	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	140407	5.121	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	131258	5.236	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.991	75	8177	5.351	ug/L	90
69) 1,3,5-Trichlorobenzene	13.213	180	98791	5.010	ug/L	97
70) 1,2,4-trichlorobenzene	13.833	180	76823	5.079	ug/L	97
71) Naphthalene	14.084	128	102244	4.723	ug/L	98
72) 1,2,3-Trichlorobenzene	14.325	180	71730	5.107	ug/L	98

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

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#2

Dichlorodifluoromethane

Concen: 4.757 ug/L

RT: 1.380 min Scan# 28

Delta R.T. 0.000 min

Lab File: VU059797.D

Acq: 03 Jul 2024 14:54

Instrument :

MSVOA_U

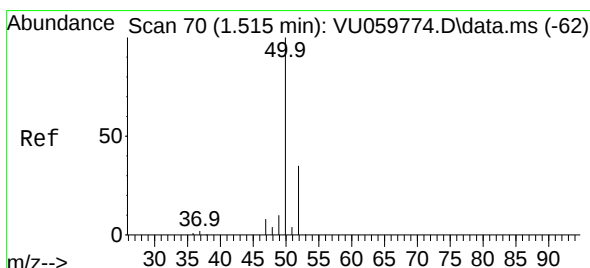
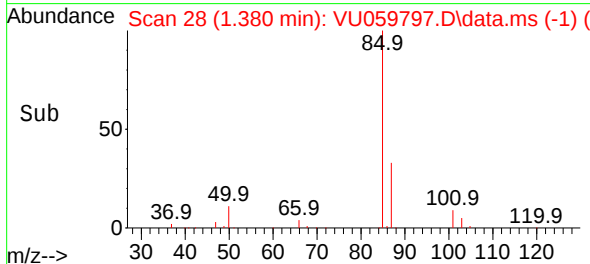
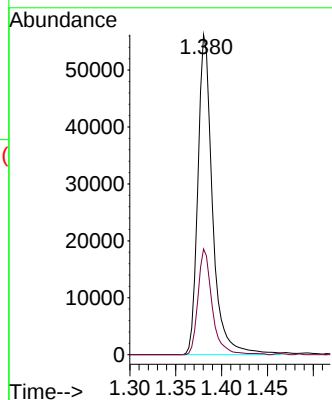
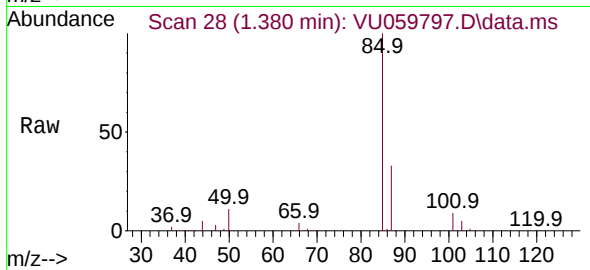
ClientSampleId :

Tgt Ion: 85 Resp: 62653

Ion Ratio Lower Upper

85 100

87 32.0 26.6 40.0



#3

Chloromethane

Concen: 5.115 ug/L

RT: 1.515 min Scan# 70

Delta R.T. 0.000 min

Lab File: VU059797.D

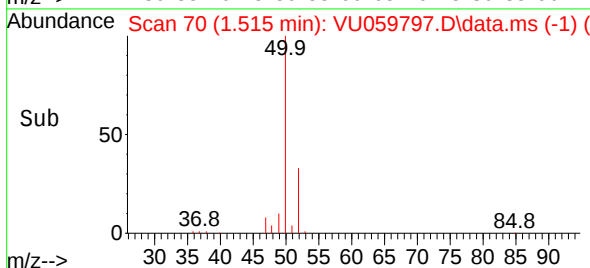
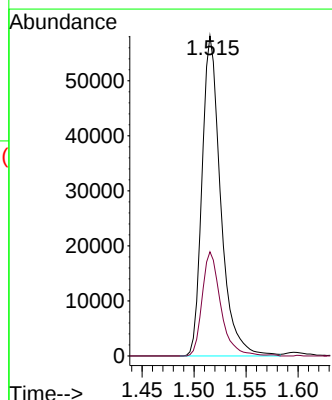
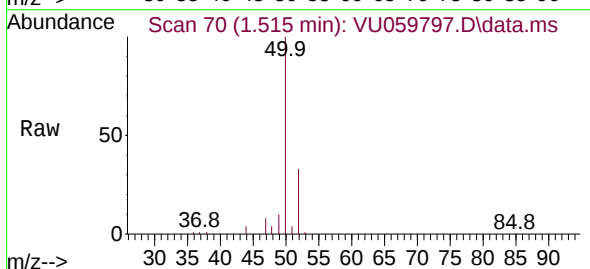
Acq: 03 Jul 2024 14:54

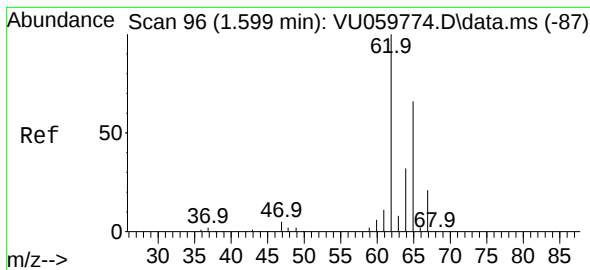
Tgt Ion: 50 Resp: 72508

Ion Ratio Lower Upper

50 100

52 32.5 23.2 43.0





#5

Vinyl chloride

Concen: 5.192 ug/L

RT: 1.599 min Scan# 96

Delta R.T. 0.000 min

Lab File: VU059797.D

Acq: 03 Jul 2024 14:54

Instrument :

MSVOA_U

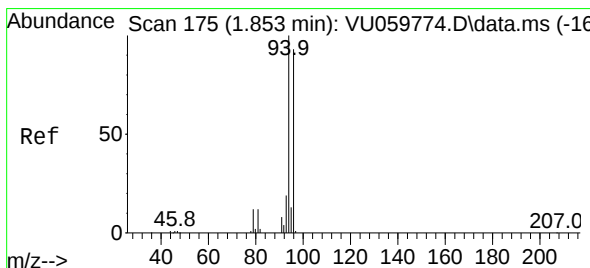
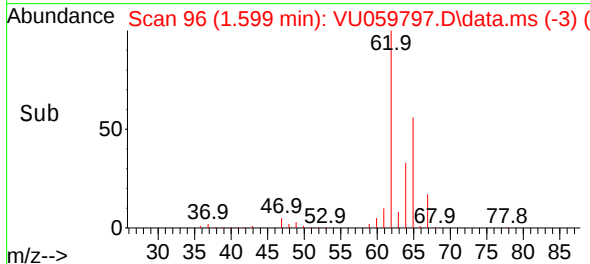
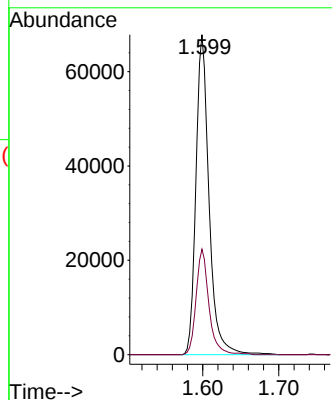
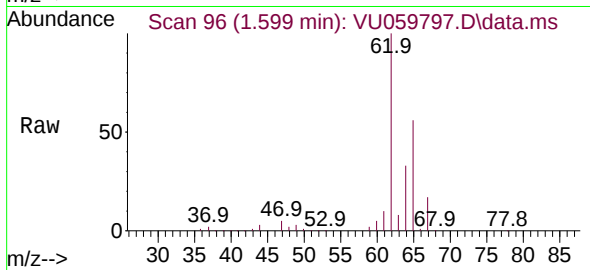
ClientSampleId :

Tgt Ion: 62 Resp: 81296

Ion Ratio Lower Upper

62 100

64 33.0 23.1 42.9



#6

Bromomethane

Concen: 4.408 ug/L

RT: 1.853 min Scan# 175

Delta R.T. 0.000 min

Lab File: VU059797.D

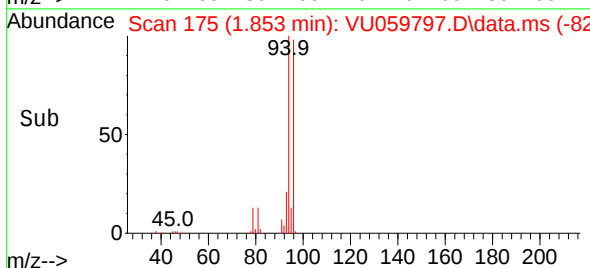
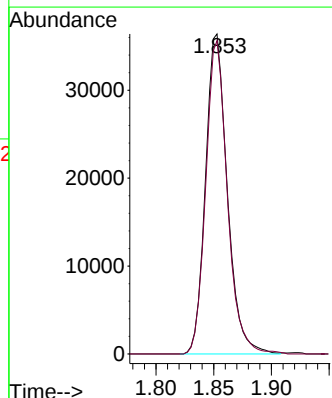
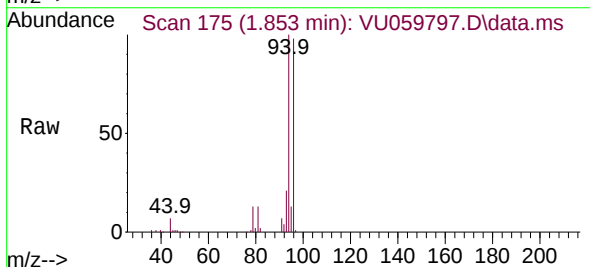
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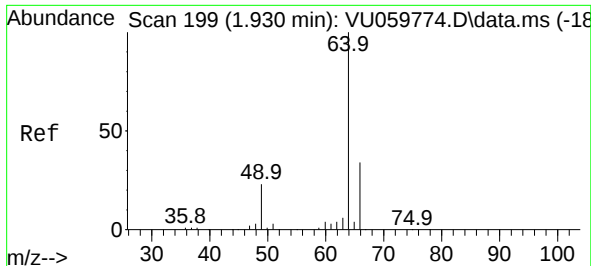
Tgt Ion: 94 Resp: 47995

Ion Ratio Lower Upper

94 100

96 97.9 62.9 116.9

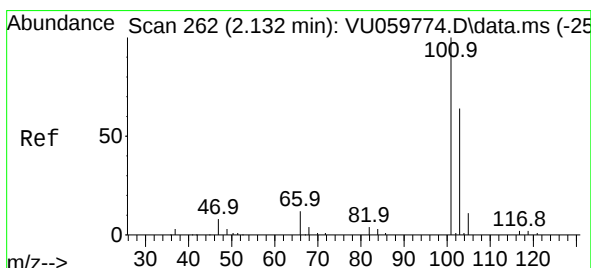
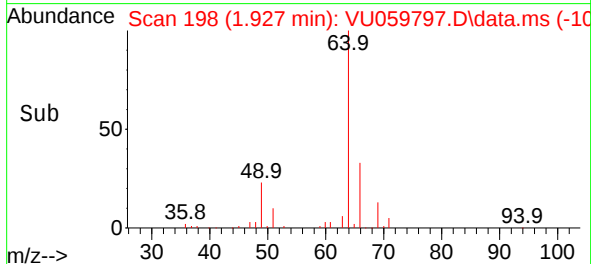
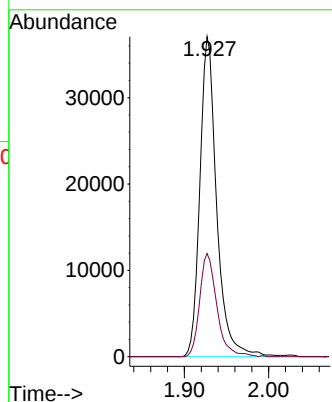
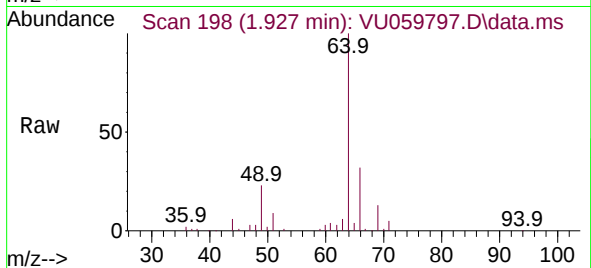




#8
Chloroethane
Concen: 5.458 ug/L
RT: 1.927 min Scan# 198
Delta R.T. -0.003 min
Lab File: VU059797.D
Acq: 03 Jul 2024 14:54

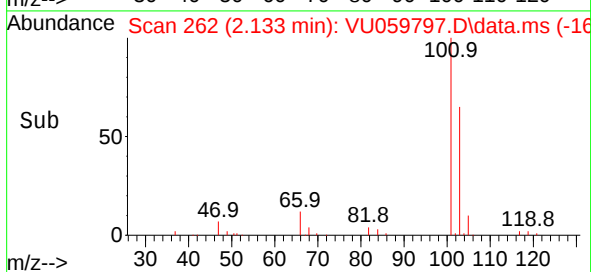
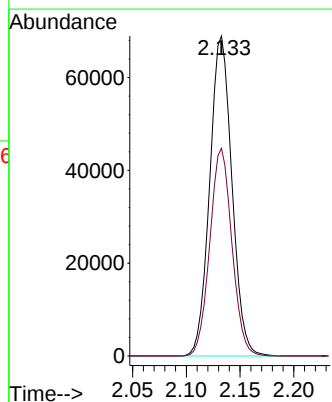
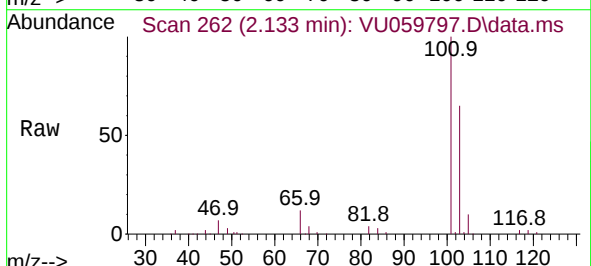
Instrument :
MSVOA_U
ClientSampleId :

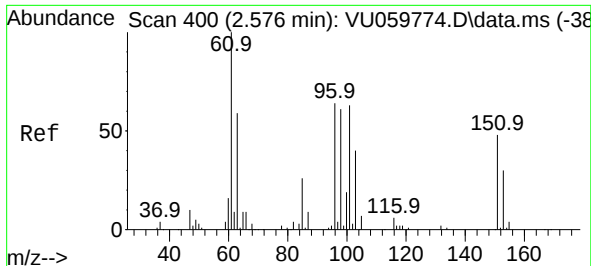
Tgt Ion: 64 Resp: 51496
Ion Ratio Lower Upper
64 100
66 32.2 23.2 43.2



#9
Trichlorofluoromethane
Concen: 5.255 ug/L
RT: 2.133 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU059797.D
Acq: 03 Jul 2024 14:54

Tgt Ion:101 Resp: 99043
Ion Ratio Lower Upper
101 100
103 64.5 52.6 79.0

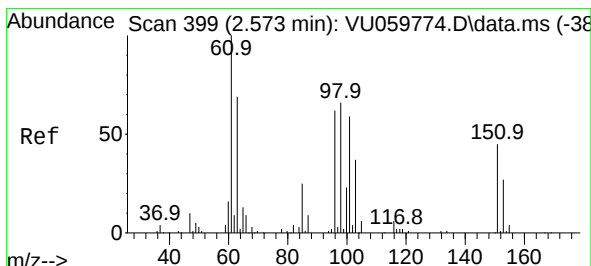
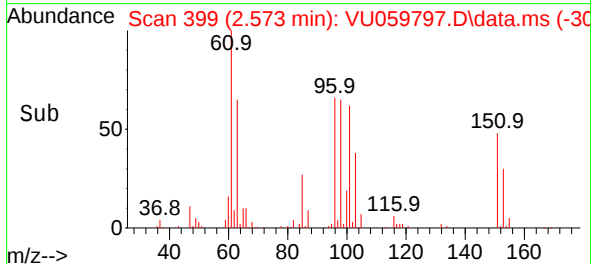
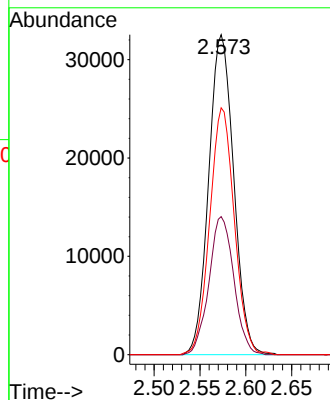
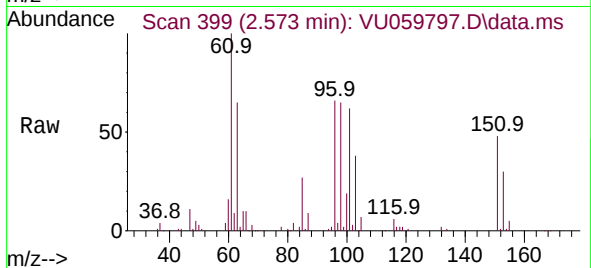




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.164 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU059797.D
Acq: 03 Jul 2024 14:54

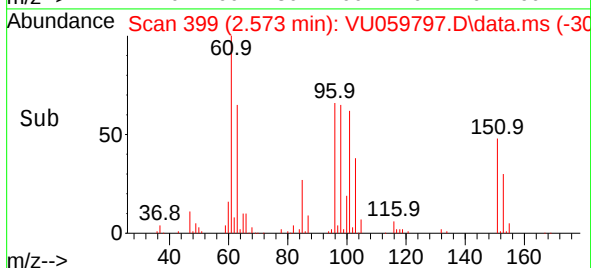
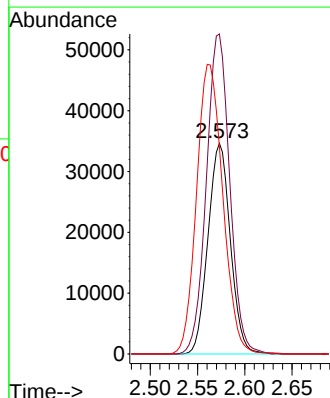
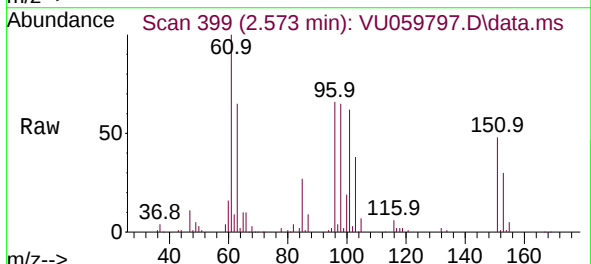
Instrument :
MSVOA_U
ClientSampleId :

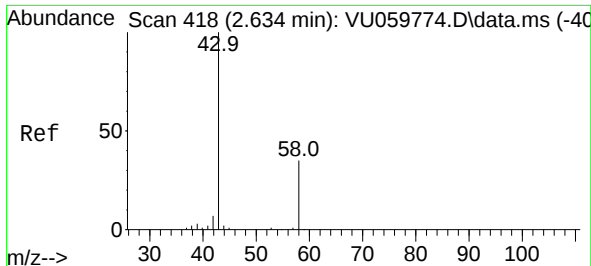
Tgt Ion:101 Resp: 61613
Ion Ratio Lower Upper
101 100
85 42.9 36.2 54.4
151 76.2 55.5 83.3



#12
1,1-Dichloroethene
Concen: 5.167 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU059797.D
Acq: 03 Jul 2024 14:54

Tgt Ion: 96 Resp: 56957
Ion Ratio Lower Upper
96 100
61 152.0 122.9 228.3
63 98.5 80.4 149.4





#13

Acetone

Concen: 50.084 ug/L

RT: 2.631 min Scan# 41

Delta R.T. -0.003 min

Lab File: VU059797.D

Acq: 03 Jul 2024 14:54

Instrument :

MSVOA_U

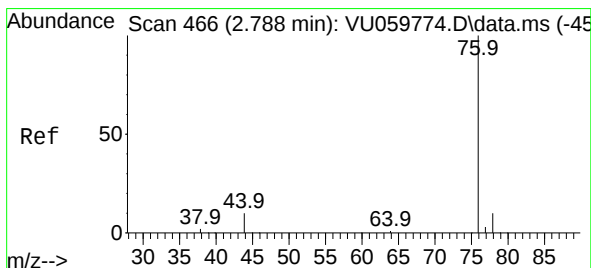
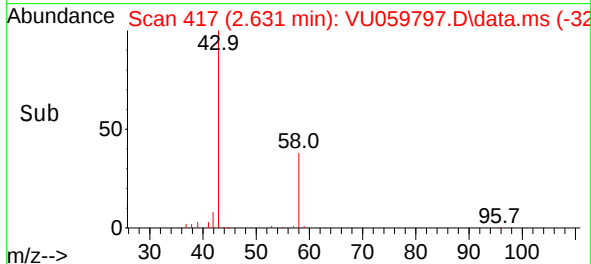
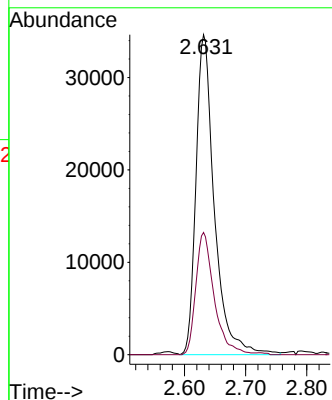
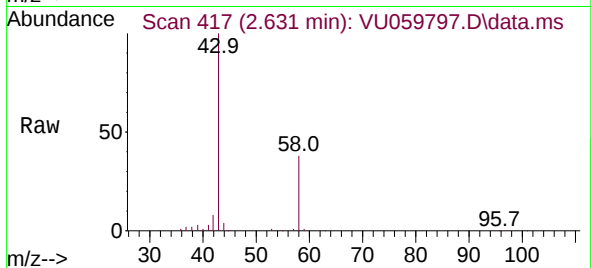
ClientSampleId :

Tgt Ion: 43 Resp: 72325

Ion Ratio Lower Upper

43 100

58 38.1 0.0 68.0



#14

Carbon disulfide

Concen: 4.864 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.003 min

Lab File: VU059797.D

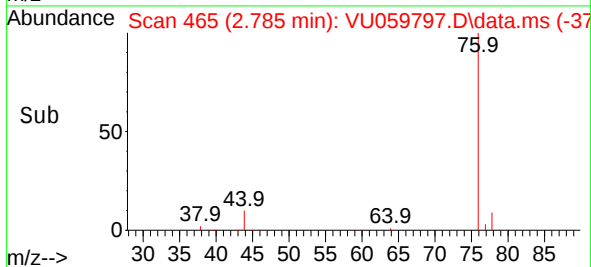
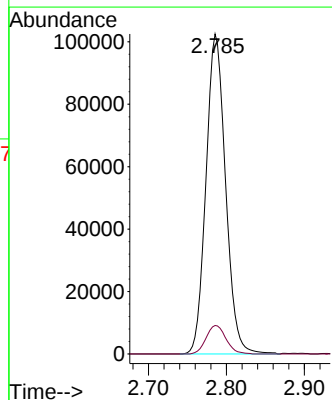
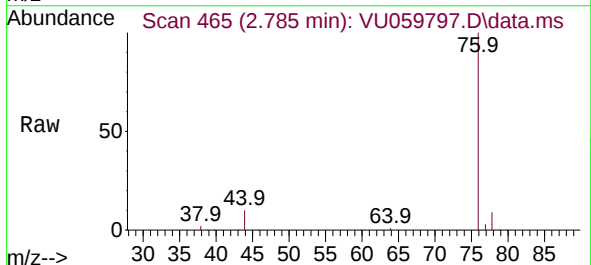
Acq: 03 Jul 2024 14:54

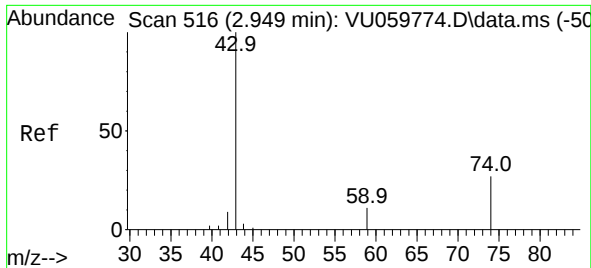
Tgt Ion: 76 Resp: 178888

Ion Ratio Lower Upper

76 100

78 8.9 7.3 10.9





#15

Methyl Acetate

Concen: 5.183 ug/L

RT: 2.946 min Scan# 516

Delta R.T. -0.003 min

Lab File: VU059797.D

Acq: 03 Jul 2024 14:54

Instrument :

MSVOA_U

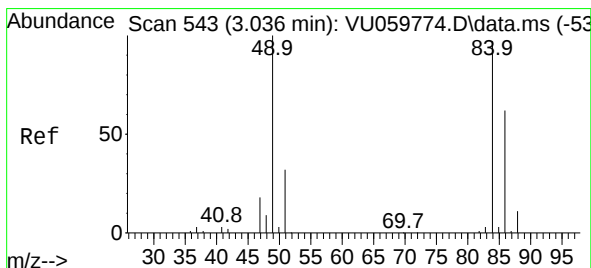
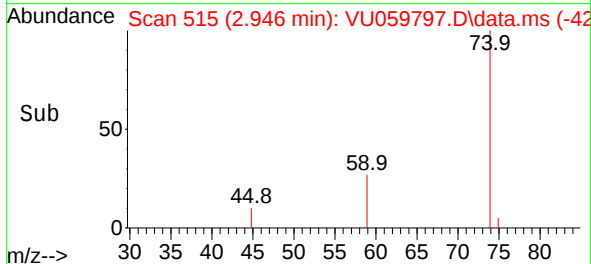
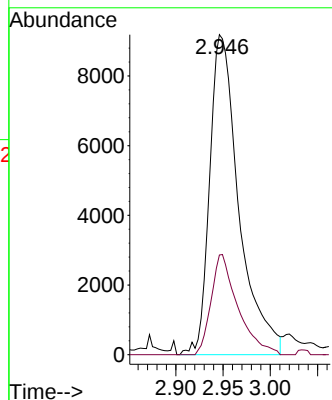
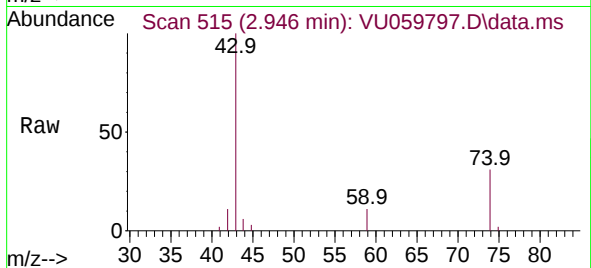
ClientSampleId :

Tgt Ion: 43 Resp: 19753

Ion Ratio Lower Upper

43 100

74 28.7 19.2 28.8



#16

Methylene chloride

Concen: 5.170 ug/L

RT: 3.036 min Scan# 543

Delta R.T. 0.000 min

Lab File: VU059797.D

Acq: 03 Jul 2024 14:54

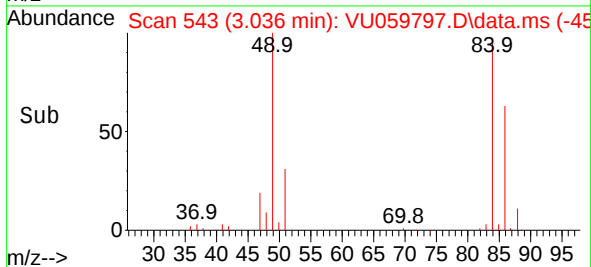
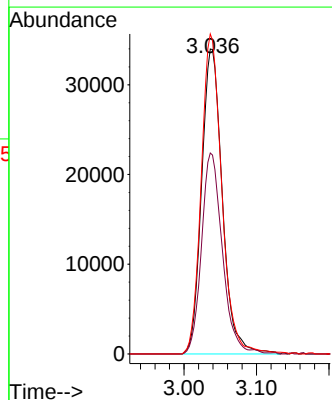
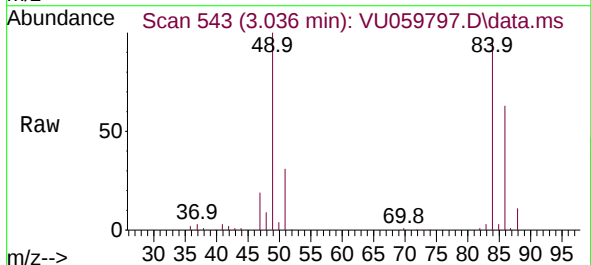
Tgt Ion: 84 Resp: 67531

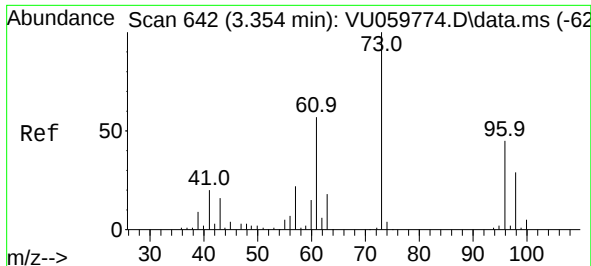
Ion Ratio Lower Upper

84 100

86 65.9 42.1 78.1

49 104.9 80.6 149.8

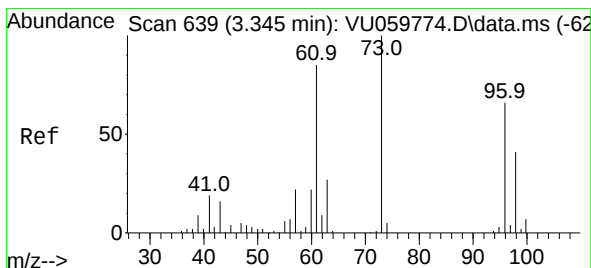
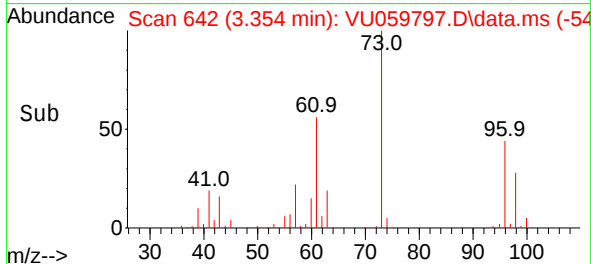
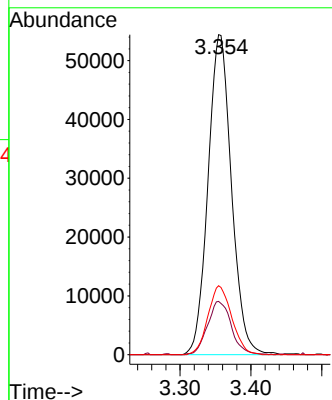
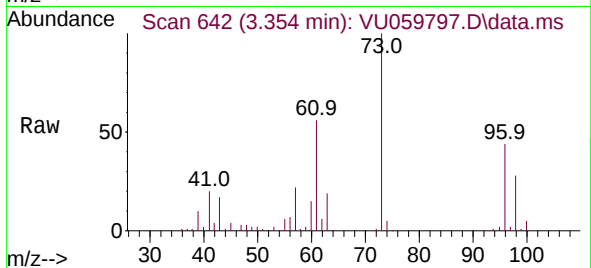




#17
Methyl tert-butyl Ether
Concen: 5.262 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.000 min
Lab File: VU059797.D
Acq: 03 Jul 2024 14:54

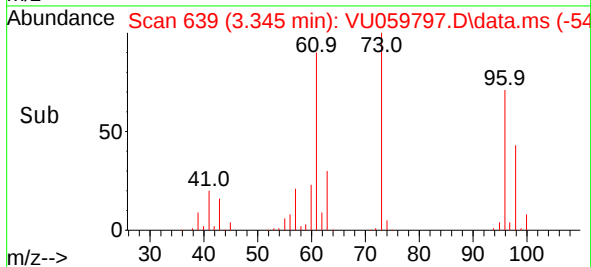
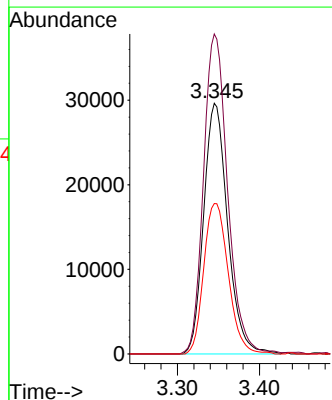
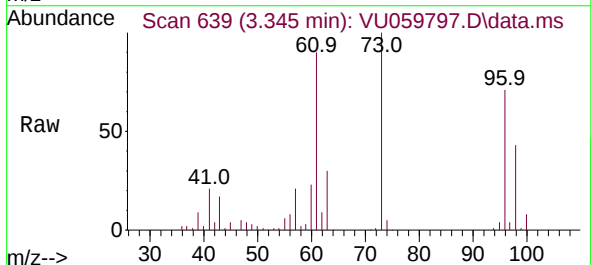
Instrument :
MSVOA_U
ClientSampleId :

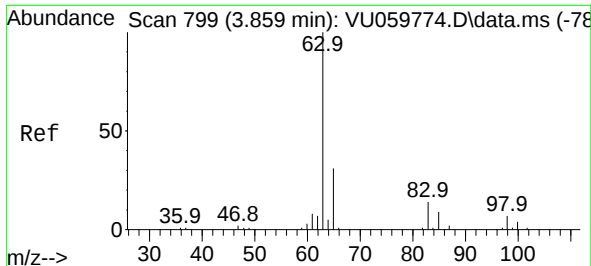
Tgt Ion: 73 Resp: 124998
Ion Ratio Lower Upper
73 100
43 16.9 14.9 22.3
57 21.8 18.0 27.0



#18
trans-1,2-Dichloroethene
Concen: 5.245 ug/L
RT: 3.345 min Scan# 639
Delta R.T. 0.000 min
Lab File: VU059797.D
Acq: 03 Jul 2024 14:54

Tgt Ion: 96 Resp: 60131
Ion Ratio Lower Upper
96 100
61 127.6 101.8 189.0
98 60.0 43.3 80.5





#19

1,1-Dichloroethane

Concen: 5.292 ug/L

RT: 3.856 min Scan# 7

Delta R.T. -0.003 min

Lab File: VU059797.D

Acq: 03 Jul 2024 14:54

Instrument :

MSVOA_U

ClientSampleId :

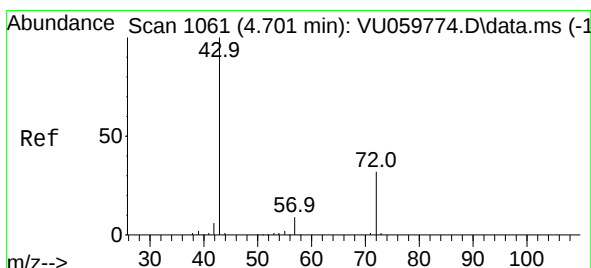
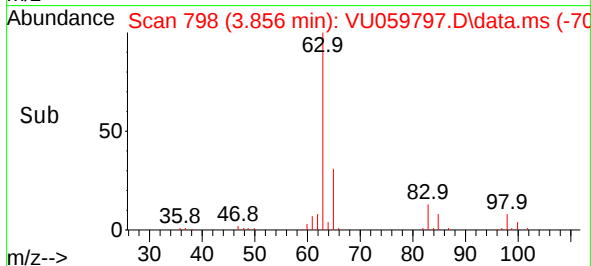
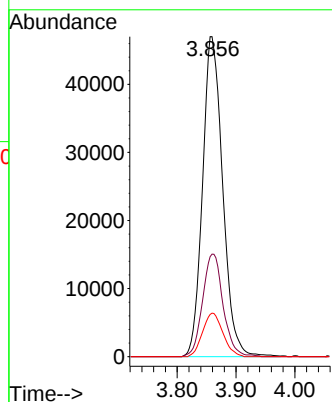
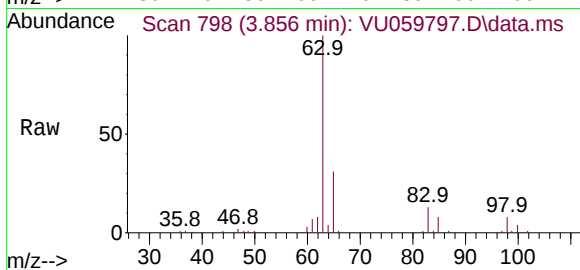
Tgt Ion: 63 Resp: 111863

Ion Ratio Lower Upper

63 100

65 31.3 21.8 40.6

83 13.2 9.9 18.5



#21

2-Butanone

Concen: 51.984 ug/L

RT: 4.698 min Scan# 1060

Delta R.T. -0.003 min

Lab File: VU059797.D

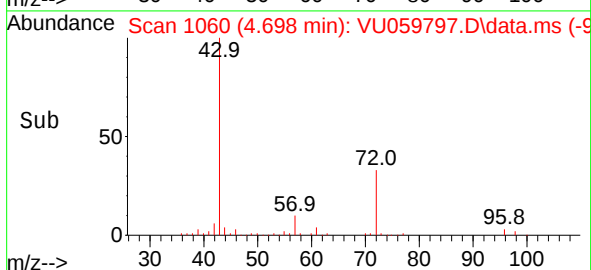
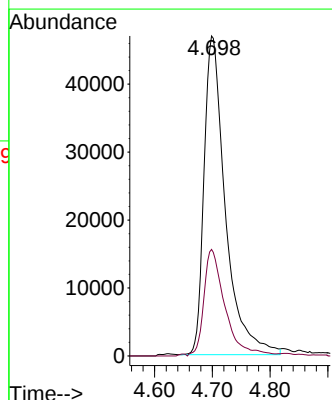
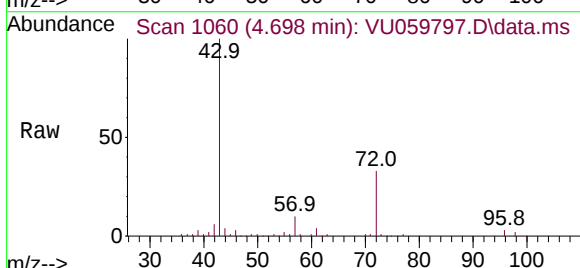
Acq: 03 Jul 2024 14:54

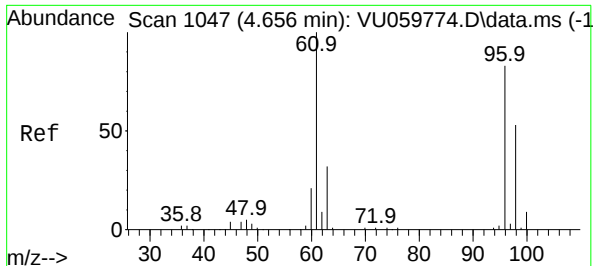
Tgt Ion: 43 Resp: 120407

Ion Ratio Lower Upper

43 100

72 33.0 13.8 41.4

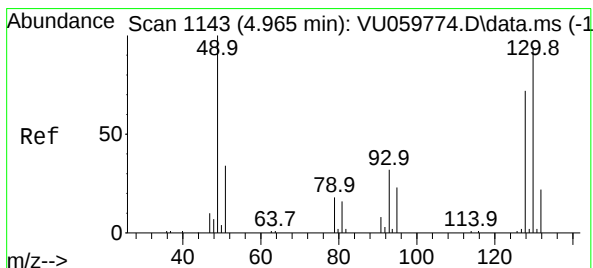
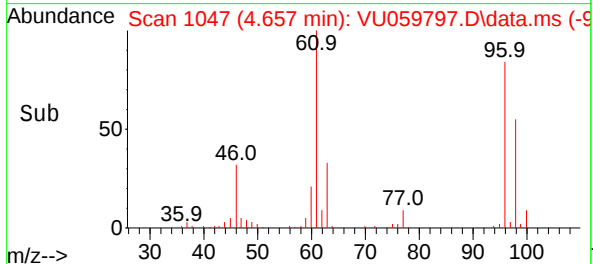
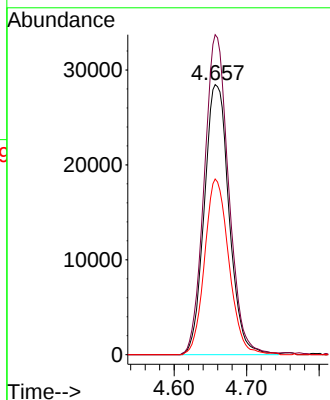
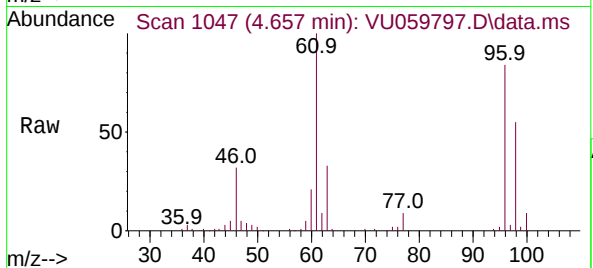




#22
 cis-1,2-Dichloroethene
 Concen: 5.346 ug/L
 RT: 4.657 min Scan# 1047
 Delta R.T. 0.000 min
 Lab File: VU059797.D
 Acq: 03 Jul 2024 14:54

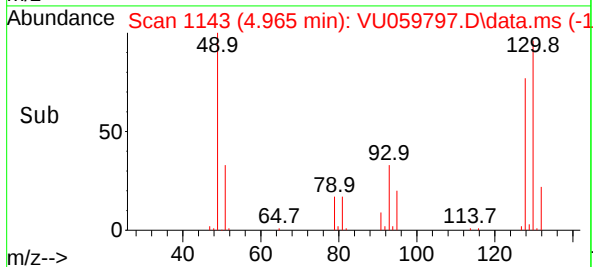
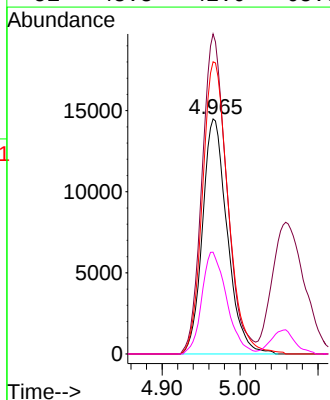
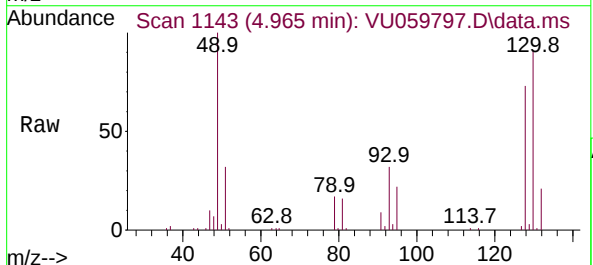
Instrument :
 MSVOA_U
 ClientSampleId :

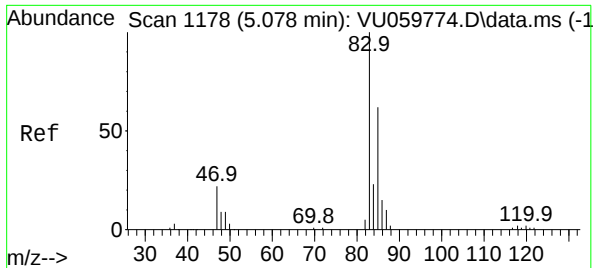
Tgt Ion: 96 Resp: 67550
 Ion Ratio Lower Upper
 96 100
 61 118.5 87.4 162.2
 98 65.1 42.3 78.5



#23
 Bromochloromethane
 Concen: 5.538 ug/L
 RT: 4.965 min Scan# 1143
 Delta R.T. 0.000 min
 Lab File: VU059797.D
 Acq: 03 Jul 2024 14:54

Tgt Ion:128 Resp: 31904
 Ion Ratio Lower Upper
 128 100
 49 136.1 117.0 217.4
 130 124.3 89.6 166.4
 51 43.3 42.0 63.0





#25

Chloroform

Concen: 5.274 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. 0.000 min

Lab File: VU059797.D

Acq: 03 Jul 2024 14:54

Instrument :

MSVOA_U

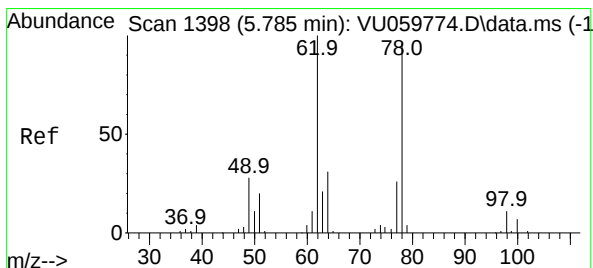
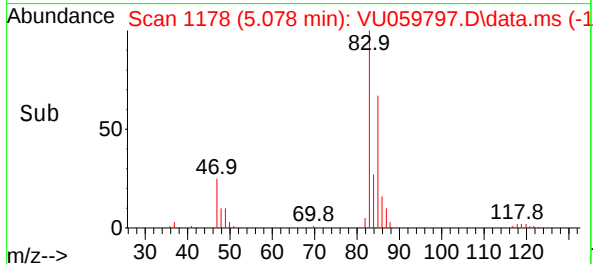
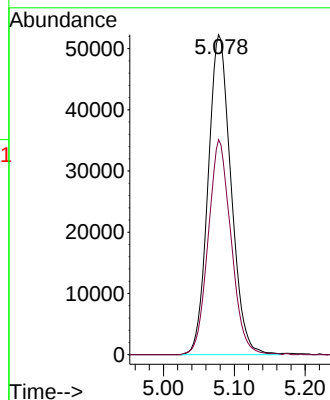
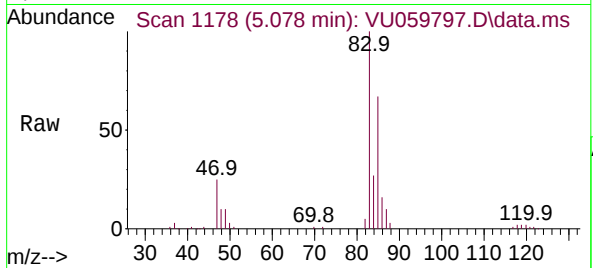
ClientSampleId :

Tgt Ion: 83 Resp: 117421

Ion Ratio Lower Upper

83 100

85 67.2 44.7 83.1



#27

1,2-Dichloroethane

Concen: 5.249 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. 0.003 min

Lab File: VU059797.D

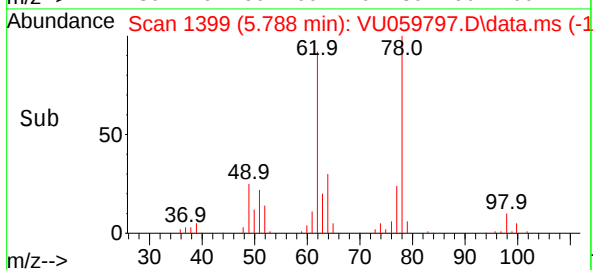
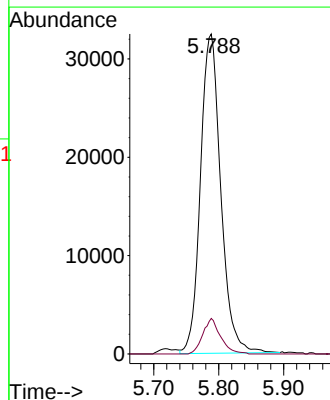
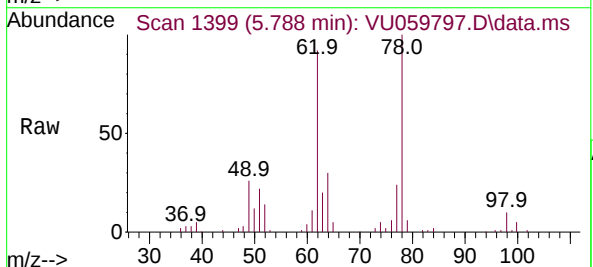
Acq: 03 Jul 2024 14:54

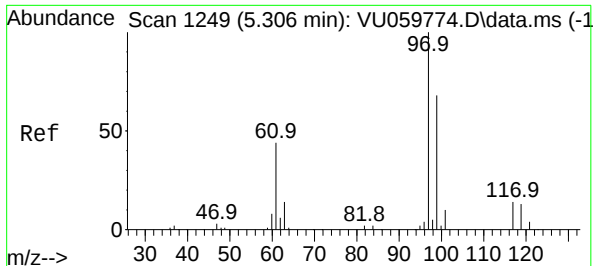
Tgt Ion: 62 Resp: 70831

Ion Ratio Lower Upper

62 100

98 11.1 7.5 11.3

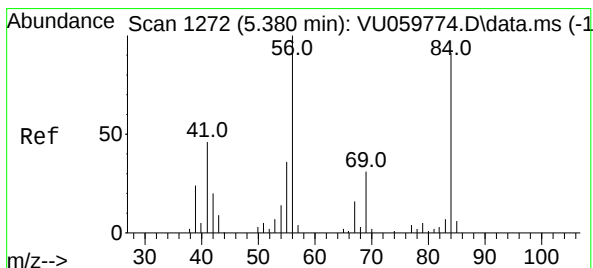
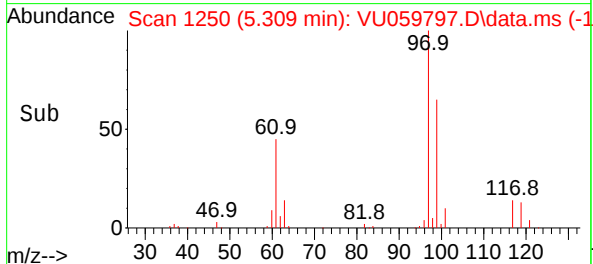
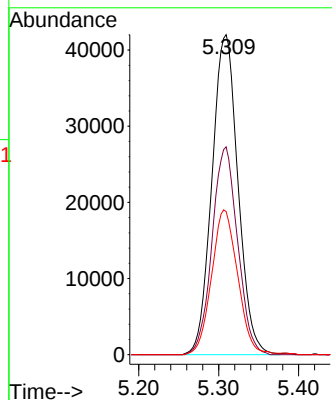
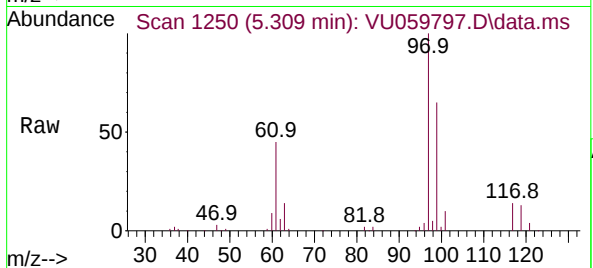




#29
1,1,1-Trichloroethane
Concen: 5.168 ug/L
RT: 5.309 min Scan# 1249
Delta R.T. 0.003 min
Lab File: VU059797.D
Acq: 03 Jul 2024 14:54

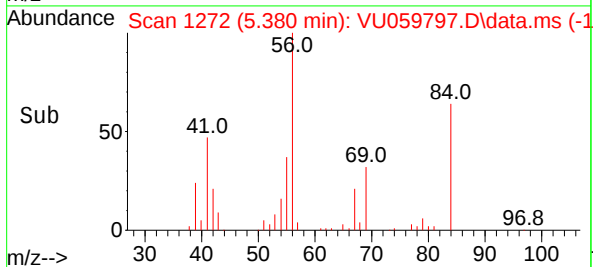
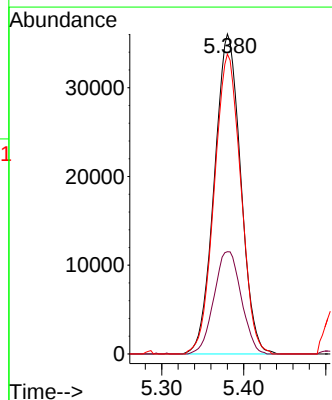
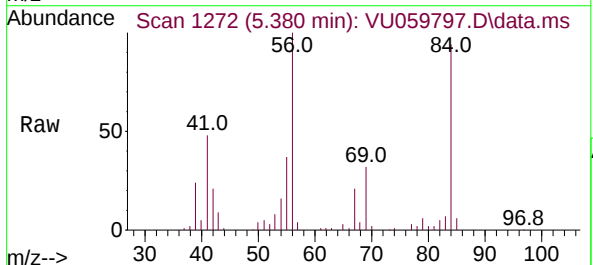
Instrument :
MSVOA_U
ClientSampleId :

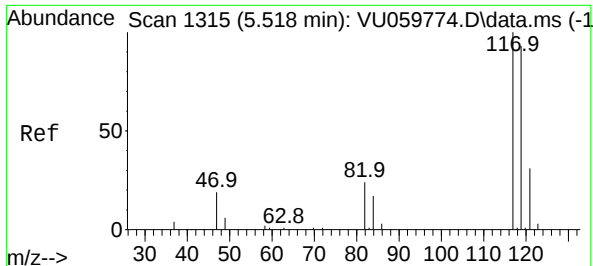
Tgt Ion: 97 Resp: 95194
Ion Ratio Lower Upper
97 100
99 63.6 51.8 77.6
61 45.3 37.4 56.2



#30
Cyclohexane
Concen: 4.947 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VU059797.D
Acq: 03 Jul 2024 14:54

Tgt Ion: 56 Resp: 80462
Ion Ratio Lower Upper
56 100
69 33.1 24.8 37.2
84 94.4 69.8 104.8





#31

Carbon tetrachloride

Concen: 5.174 ug/L

RT: 5.515 min Scan# 1314

Delta R.T. -0.003 min

Lab File: VU059797.D

Acq: 03 Jul 2024 14:54

Instrument :

MSVOA_U

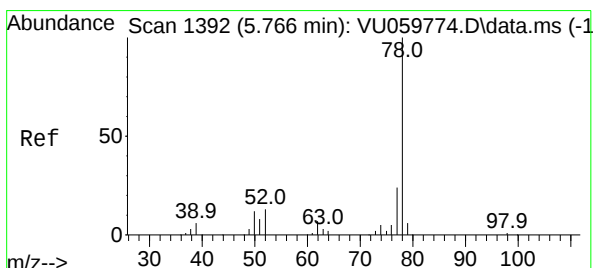
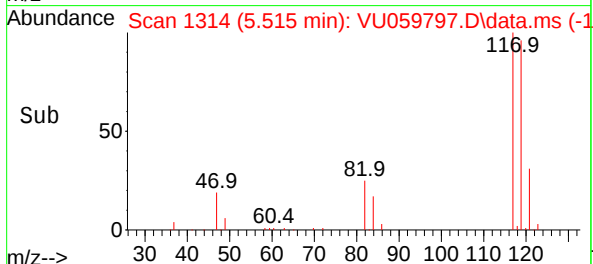
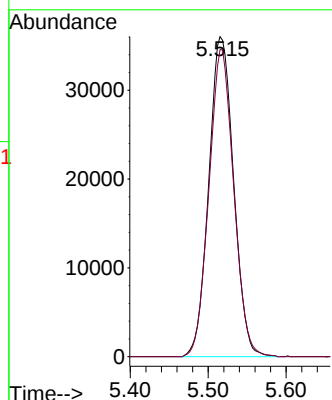
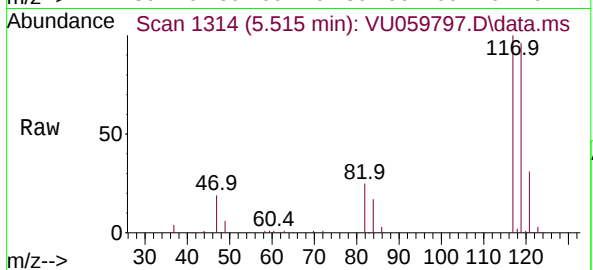
ClientSampleId :

Tgt Ion:117 Resp: 79801

Ion Ratio Lower Upper

117 100

119 95.8 77.5 116.3



#33

Benzene

Concen: 5.357 ug/L

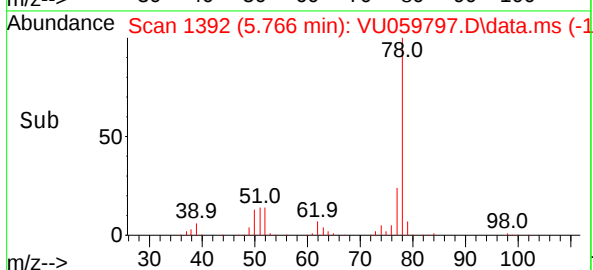
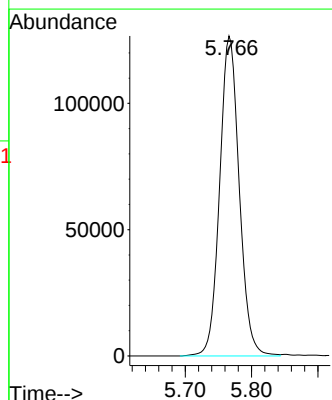
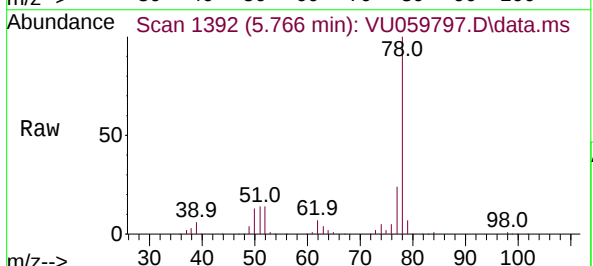
RT: 5.766 min Scan# 1392

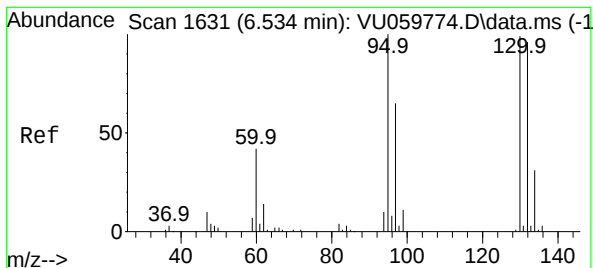
Delta R.T. 0.000 min

Lab File: VU059797.D

Acq: 03 Jul 2024 14:54

Tgt Ion: 78 Resp: 259499





#34

Trichloroethene

Concen: 5.165 ug/L

RT: 6.534 min Scan# 1

Delta R.T. 0.000 min

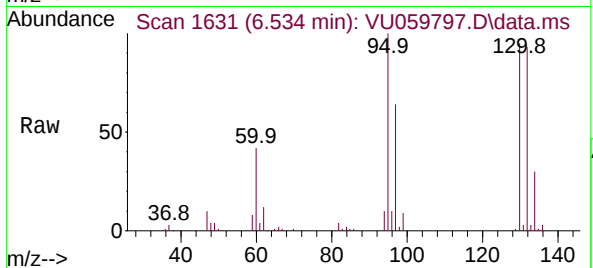
Lab File: VU059797.D

Acq: 03 Jul 2024 14:54

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 95 Resp: 67759

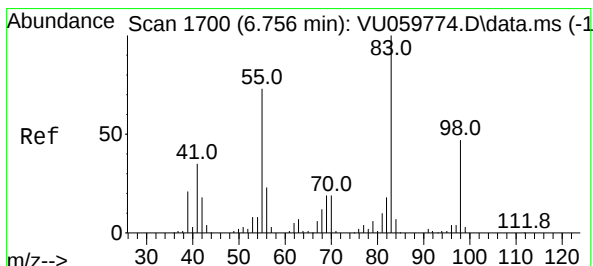
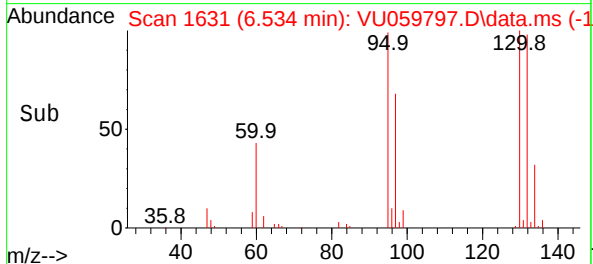
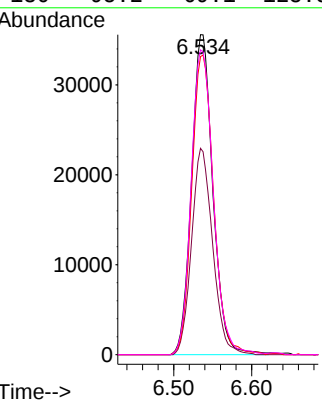
Ion Ratio Lower Upper

95 100

97 64.5 45.3 84.1

132 93.1 64.0 119.0

130 95.2 69.1 128.3



#35

Methylcyclohexane

Concen: 4.891 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VU059797.D

Acq: 03 Jul 2024 14:54

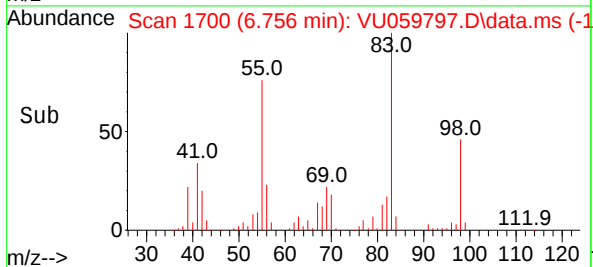
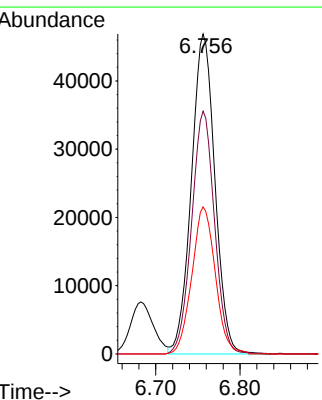
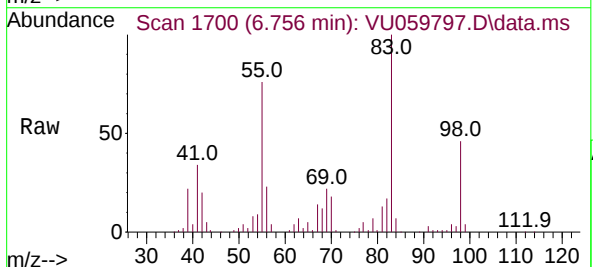
Tgt Ion: 83 Resp: 91304

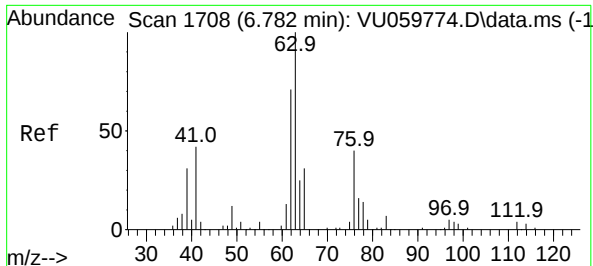
Ion Ratio Lower Upper

83 100

55 73.7 62.7 94.1

98 45.6 35.4 53.0

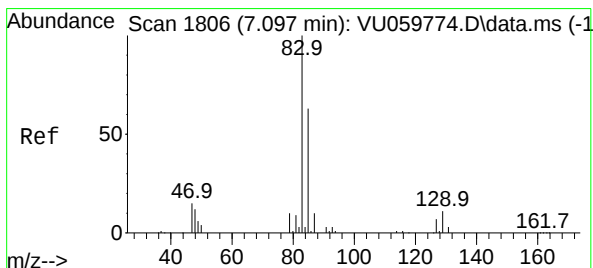
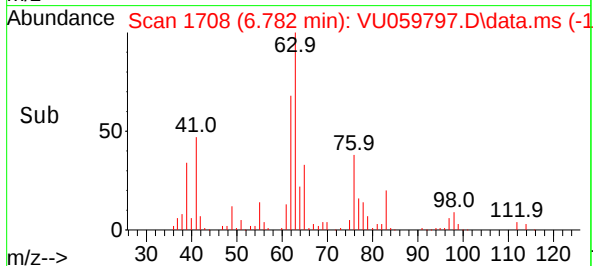
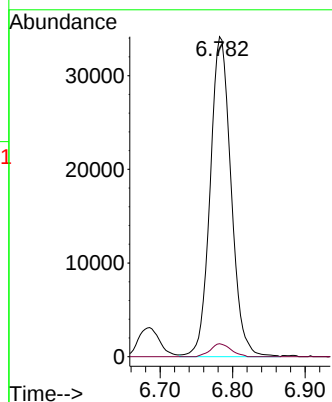
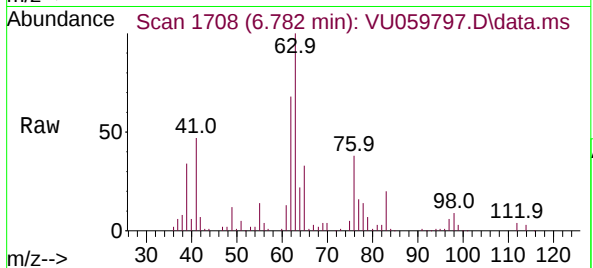




#37
1,2-Dichloropropane
Concen: 5.467 ug/L
RT: 6.782 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU059797.D
Acq: 03 Jul 2024 14:54

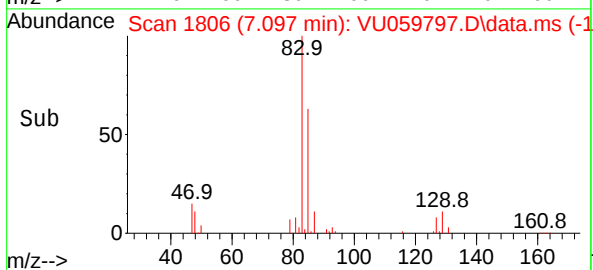
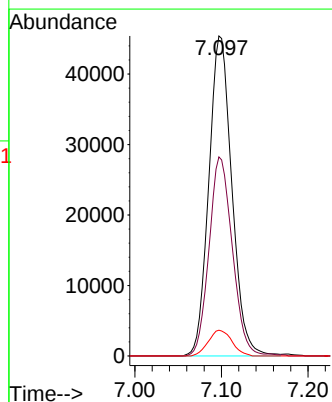
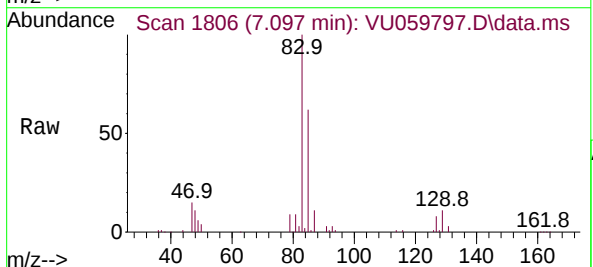
Instrument :
MSVOA_U
ClientSampleId :

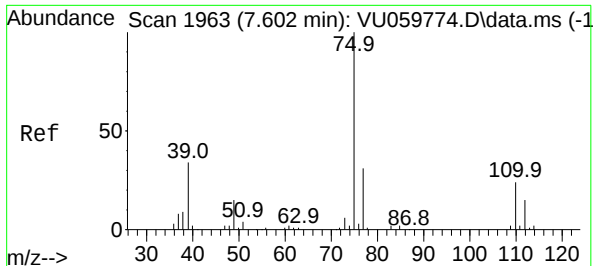
Tgt Ion: 63 Resp: 68538
Ion Ratio Lower Upper
63 100
112 4.0 2.6 3.8#



#38
Bromodichloromethane
Concen: 5.364 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU059797.D
Acq: 03 Jul 2024 14:54

Tgt Ion: 83 Resp: 83937
Ion Ratio Lower Upper
83 100
85 62.2 42.7 79.3
127 8.1 6.1 9.1

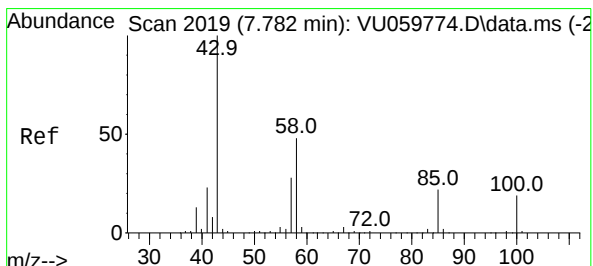
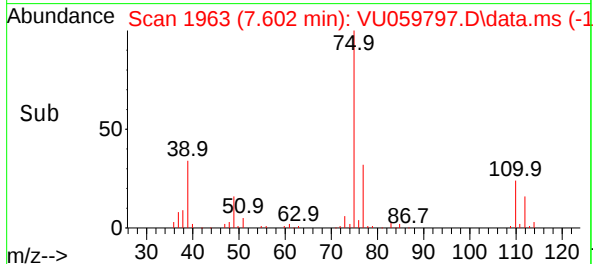
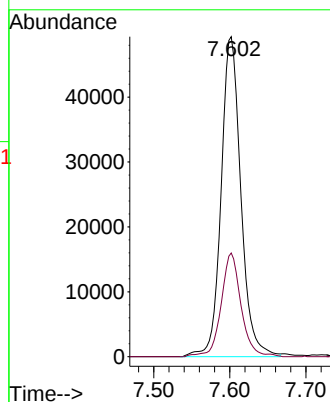
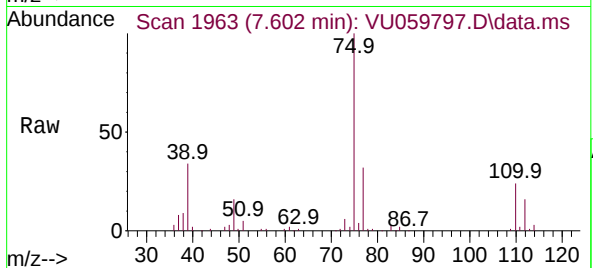




#39
 cis-1,3-Dichloropropene
 Concen: 5.192 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. 0.000 min
 Lab File: VU059797.D
 Acq: 03 Jul 2024 14:54

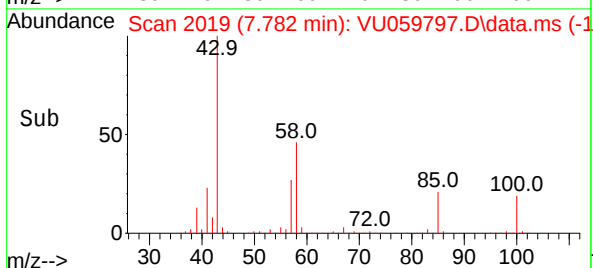
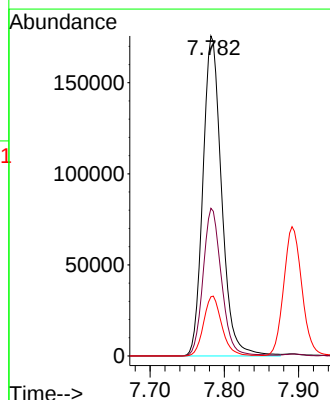
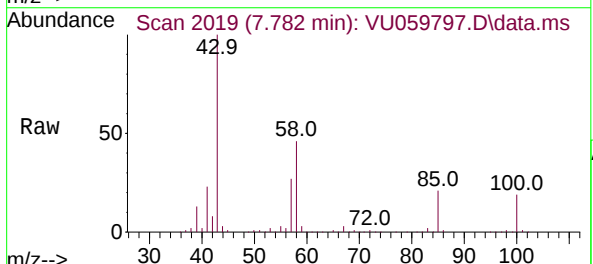
Instrument :
 MSVOA_U
 ClientSampleId :

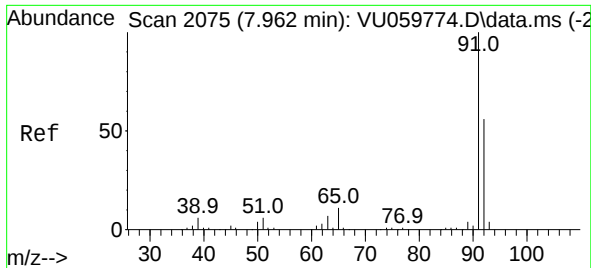
Tgt Ion: 75 Resp: 89011
 Ion Ratio Lower Upper
 75 100
 77 32.4 22.0 40.8



#40
 4-Methyl-2-pentanone
 Concen: 52.924 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VU059797.D
 Acq: 03 Jul 2024 14:54

Tgt Ion: 43 Resp: 307427
 Ion Ratio Lower Upper
 43 100
 58 45.5 34.0 51.0
 100 18.3 12.1 18.1#





#42

Toluene

Concen: 5.504 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU059797.D

Acq: 03 Jul 2024 14:54

Instrument :

MSVOA_U

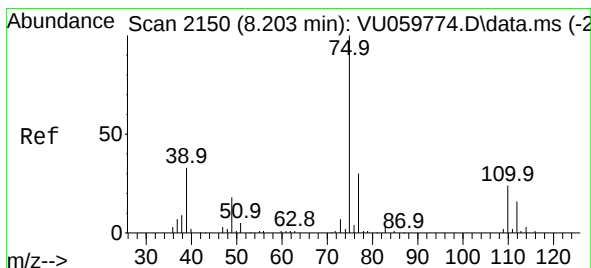
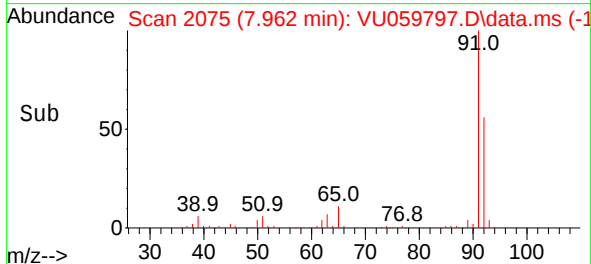
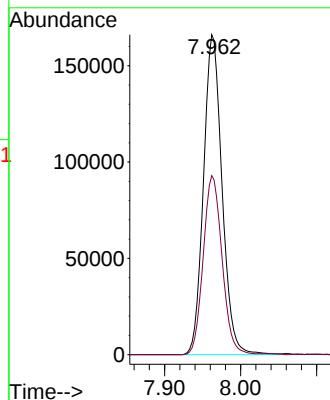
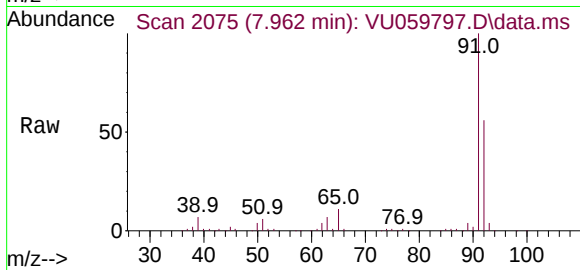
ClientSampleId :

Tgt Ion: 91 Resp: 282259

Ion Ratio Lower Upper

91 100

92 56.0 39.7 73.7



#44

trans-1,3-Dichloropropene

Concen: 5.302 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. 0.000 min

Lab File: VU059797.D

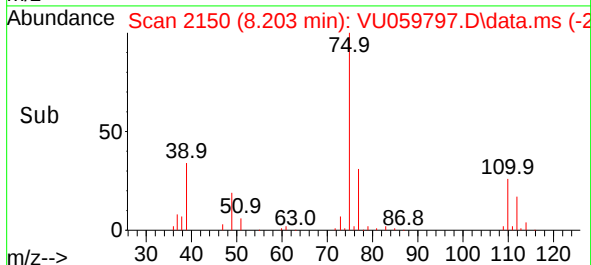
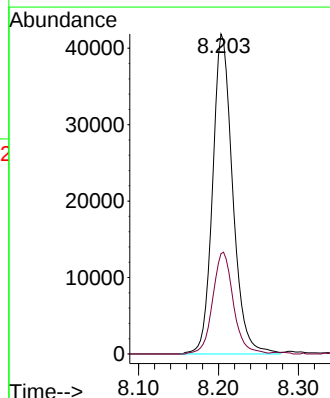
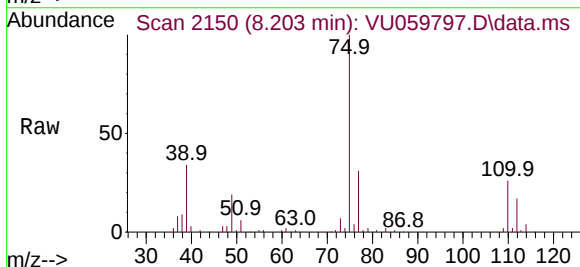
Acq: 03 Jul 2024 14:54

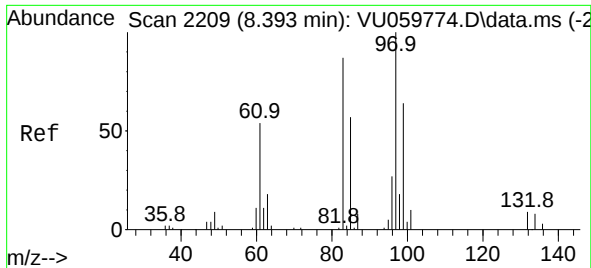
Tgt Ion: 75 Resp: 72962

Ion Ratio Lower Upper

75 100

77 31.4 22.0 41.0

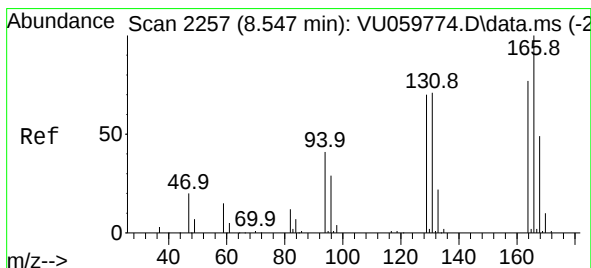
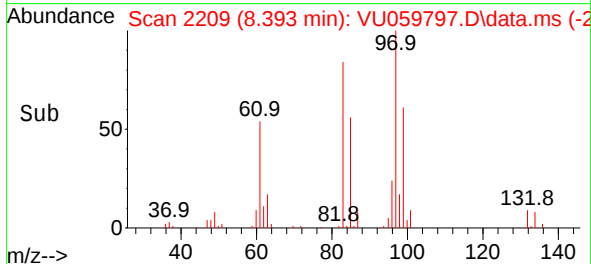
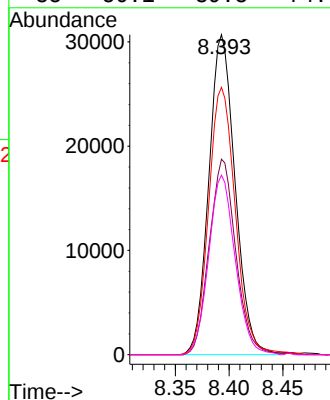
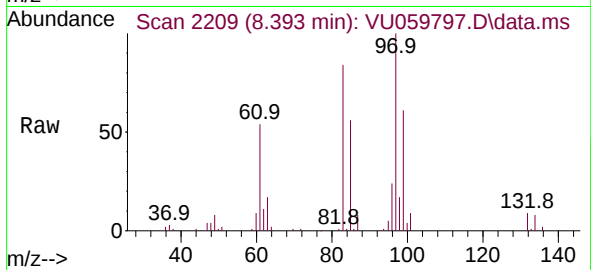




#45
1,1,2-Trichloroethane
Concen: 5.647 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VU059797.D
Acq: 03 Jul 2024 14:54

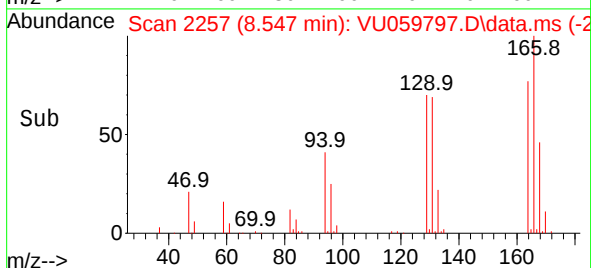
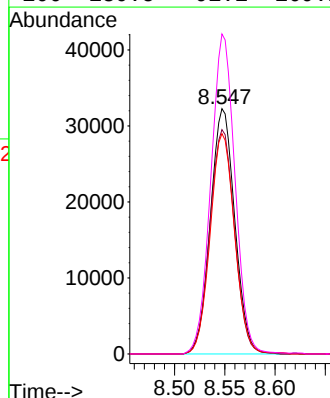
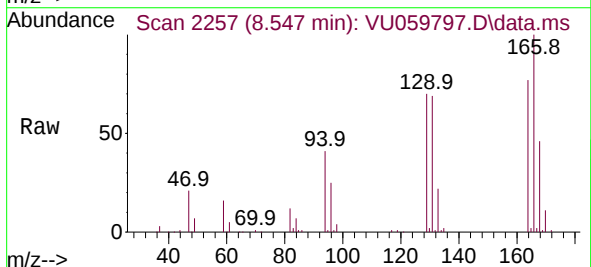
Instrument :
MSVOA_U
ClientSampleId :

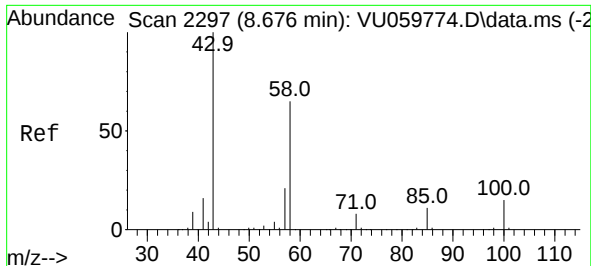
Tgt Ion: 97	Resp: 52168
Ion Ratio	Lower Upper
97 100	
99 61.1	43.3 80.3
83 83.6	62.3 115.7
85 56.1	39.8 74.0



#47
Tetrachloroethene
Concen: 5.353 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU059797.D
Acq: 03 Jul 2024 14:54

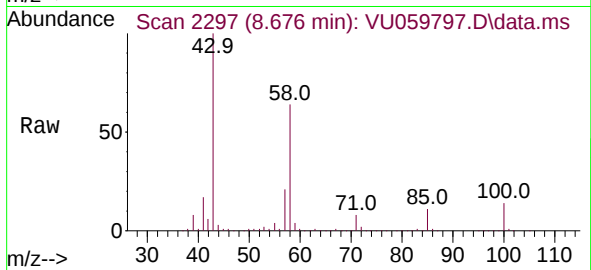
Tgt	Ion:164	Resp:	54495
Ion	Ratio	Lower	Upper
164	100		
129	91.5	70.8	131.4
131	89.9	64.8	120.3
166	130.5	91.1	169.1



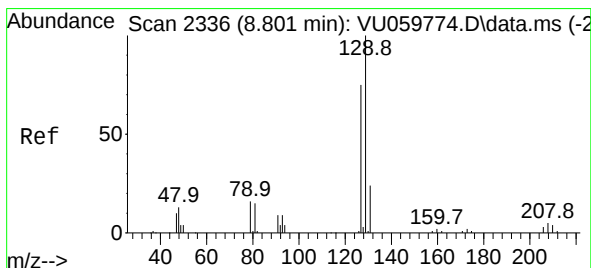
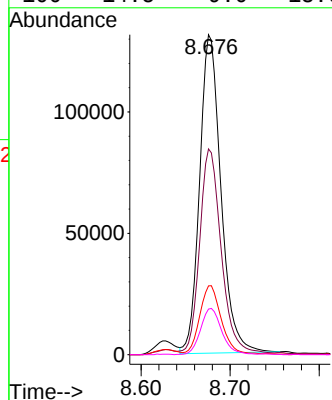
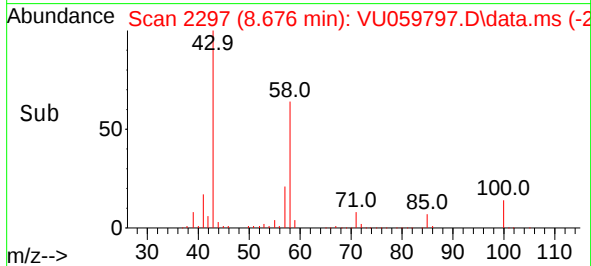


#48
2-Hexanone
Concen: 52.673 ug/L
RT: 8.676 min Scan# 2297
Delta R.T. 0.000 min
Lab File: VU059797.D
Acq: 03 Jul 2024 14:54

Instrument :
MSVOA_U
ClientSampleId :

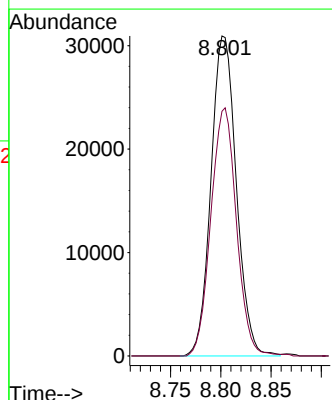
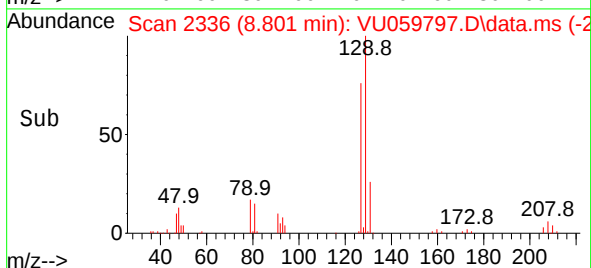
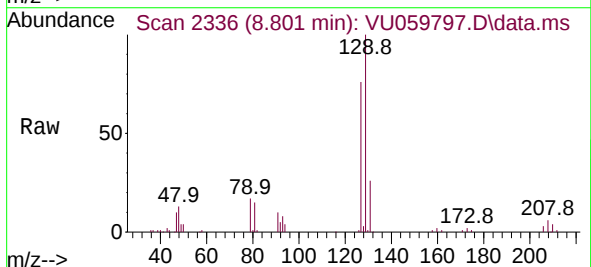


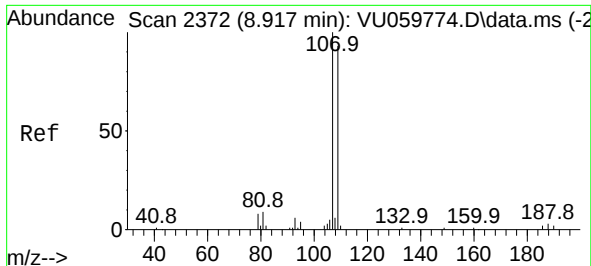
Tgt Ion: 43 Resp: 218366
Ion Ratio Lower Upper
43 100
58 64.6 46.1 69.1
57 22.4 15.5 23.3
100 14.5 9.0 13.6#



#49
Dibromochloromethane
Concen: 5.307 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VU059797.D
Acq: 03 Jul 2024 14:54

Tgt Ion: 129 Resp: 54306
Ion Ratio Lower Upper
129 100
127 76.4 52.5 97.5

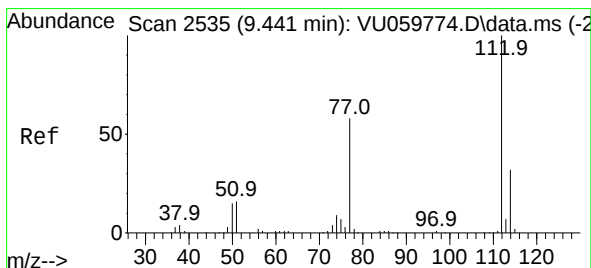
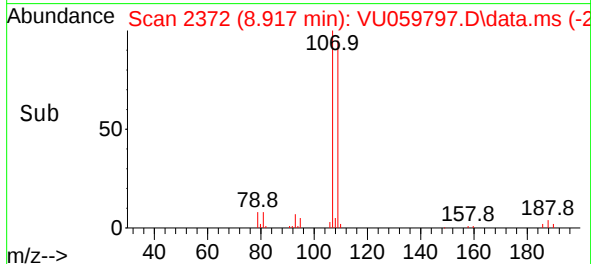
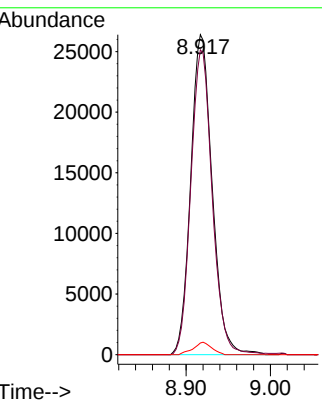
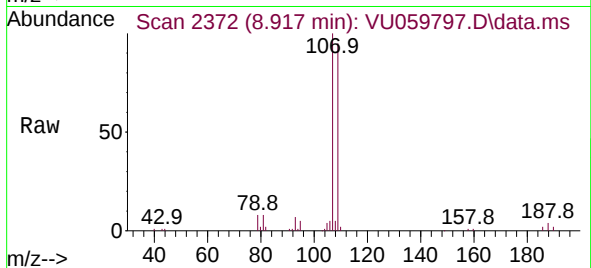




#50
1,2-Dibromoethane
Concen: 5.492 ug/L
RT: 8.917 min Scan# 2372
Delta R.T. 0.000 min
Lab File: VU059797.D
Acq: 03 Jul 2024 14:54

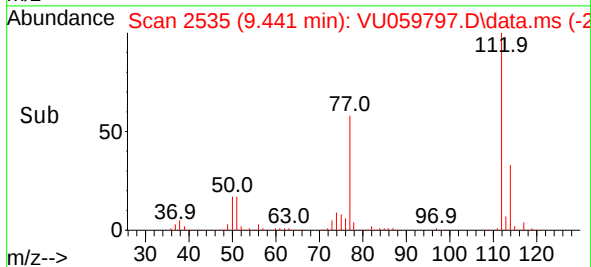
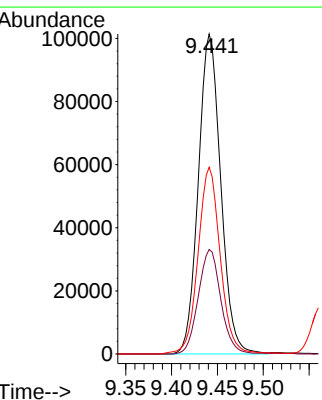
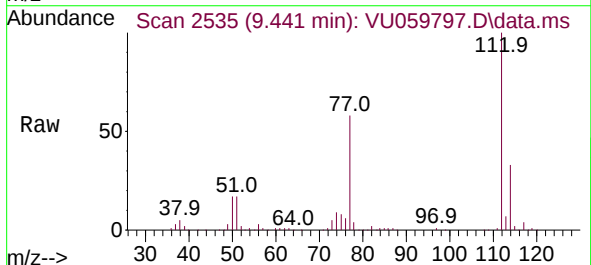
Instrument :
MSVOA_U
ClientSampleId :

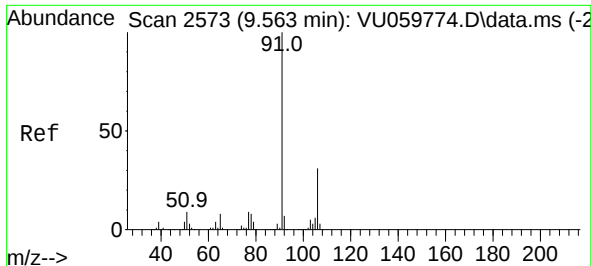
Tgt Ion:107 Resp: 46853
Ion Ratio Lower Upper
107 100
109 95.3 66.9 124.3
188 3.7 2.7 4.1



#51
Chlorobenzene
Concen: 5.302 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.000 min
Lab File: VU059797.D
Acq: 03 Jul 2024 14:54

Tgt Ion:112 Resp: 172472
Ion Ratio Lower Upper
112 100
114 32.7 22.4 41.6
77 58.3 49.1 73.7





#52

Ethylbenzene

Concen: 5.276 ug/L

RT: 9.563 min Scan# 2573

Delta R.T. 0.000 min

Lab File: VU059797.D

Acq: 03 Jul 2024 14:54

Instrument :

MSVOA_U

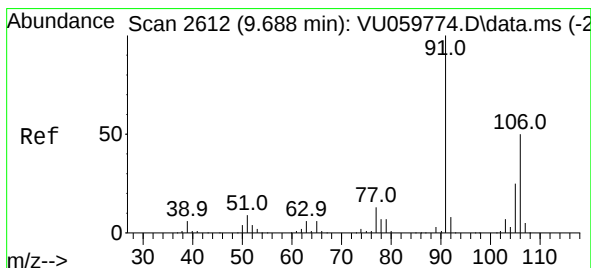
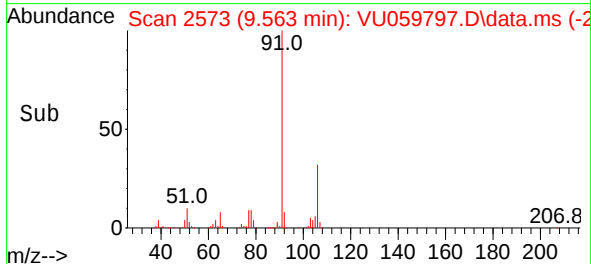
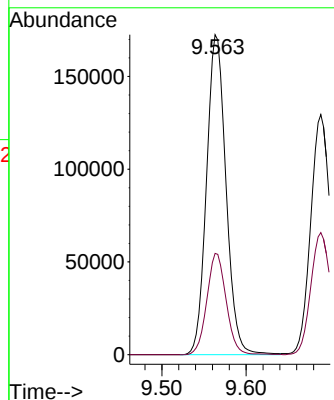
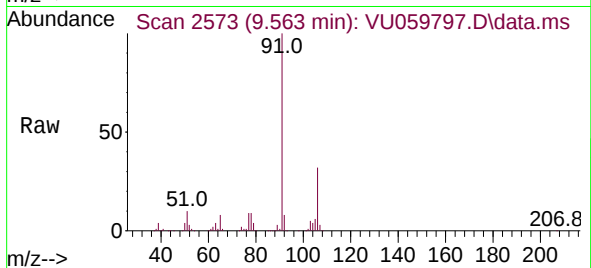
ClientSampleId :

Tgt Ion: 91 Resp: 277561

Ion Ratio Lower Upper

91 100

106 31.6 20.9 38.7



#53

m,p-Xylene

Concen: 5.464 ug/L

RT: 9.689 min Scan# 2612

Delta R.T. 0.000 min

Lab File: VU059797.D

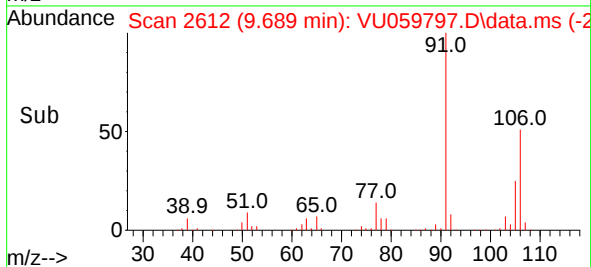
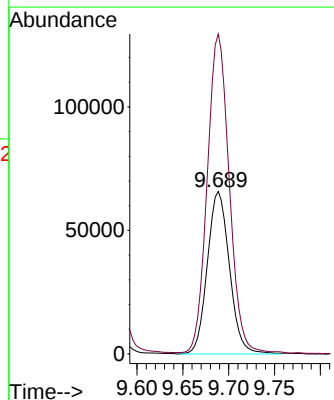
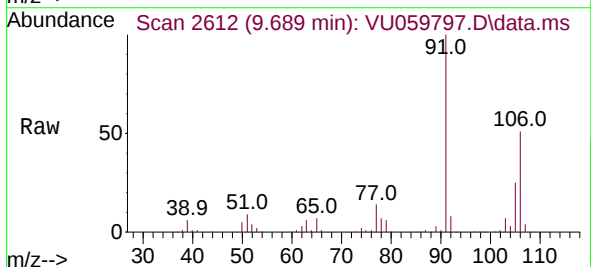
Acq: 03 Jul 2024 14:54

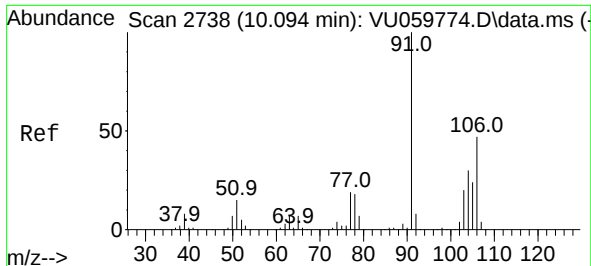
Tgt Ion:106 Resp: 110401

Ion Ratio Lower Upper

106 100

91 196.9 142.0 263.8

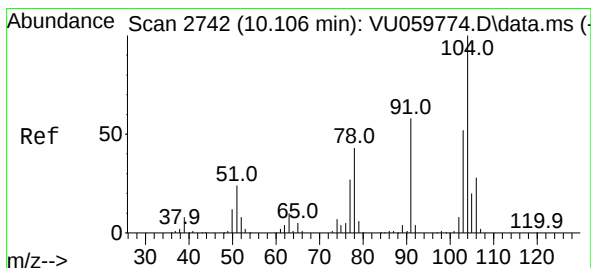
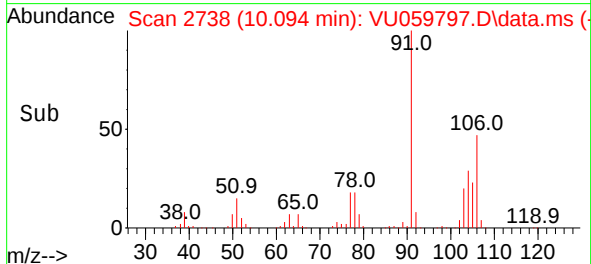
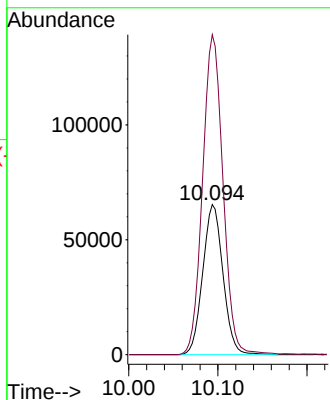
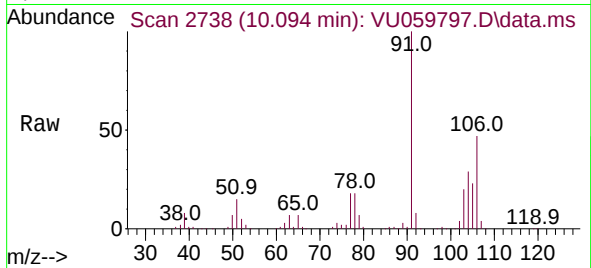




#54
o-Xylene
Concen: 5.371 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. 0.000 min
Lab File: VU059797.D
Acq: 03 Jul 2024 14:54

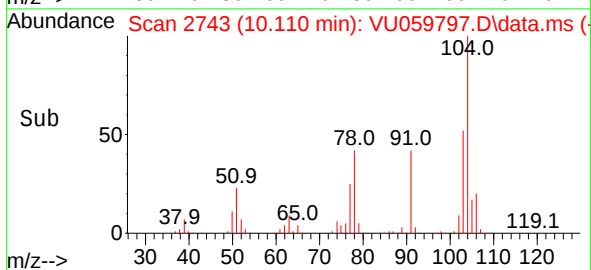
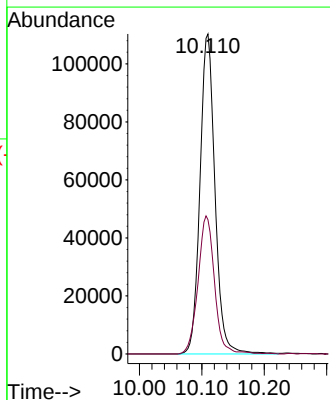
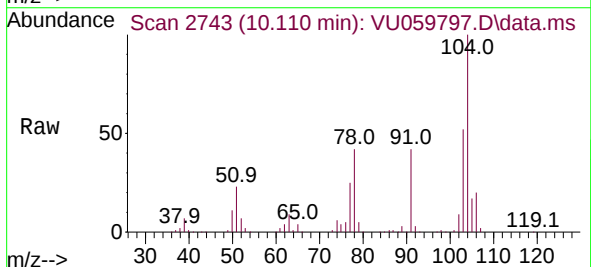
Instrument :
MSVOA_U
ClientSampleId :

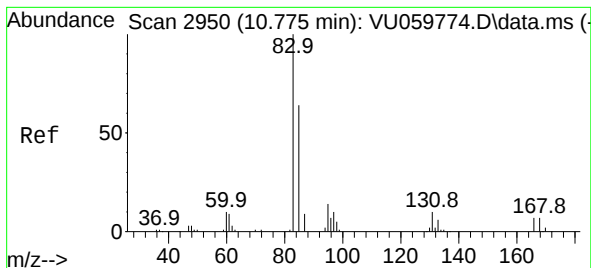
Tgt Ion:106 Resp: 102999
Ion Ratio Lower Upper
106 100
91 213.3 151.6 281.6



#55
Styrene
Concen: 5.659 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. 0.003 min
Lab File: VU059797.D
Acq: 03 Jul 2024 14:54

Tgt Ion:104 Resp: 184734
Ion Ratio Lower Upper
104 100
78 42.0 32.3 60.1





#57

1,1,2,2-Tetrachloroethane

Concen: 5.421 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU059797.D

Acq: 03 Jul 2024 14:54

Instrument :

MSVOA_U

ClientSampleId :

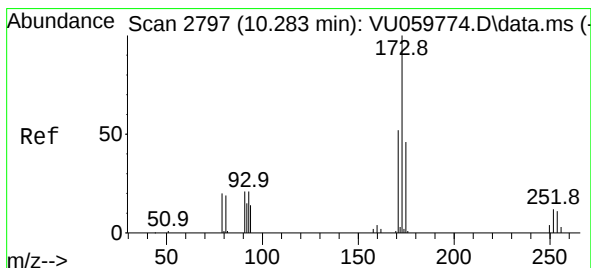
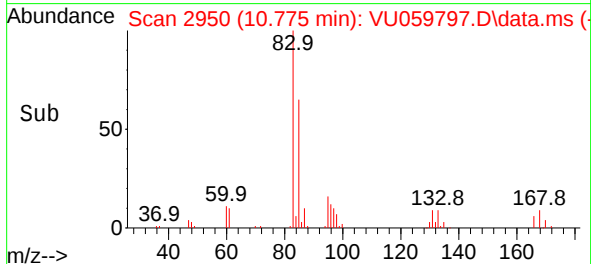
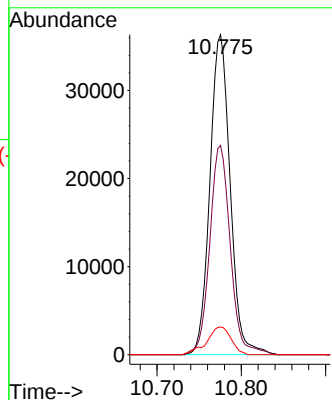
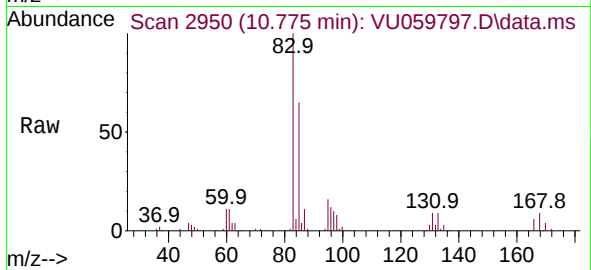
Tgt Ion: 83 Resp: 60749

Ion Ratio Lower Upper

83 100

85 65.4 44.7 82.9

131 8.7 6.9 10.3



#59

Bromoform

Concen: 5.190 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. 0.000 min

Lab File: VU059797.D

Acq: 03 Jul 2024 14:54

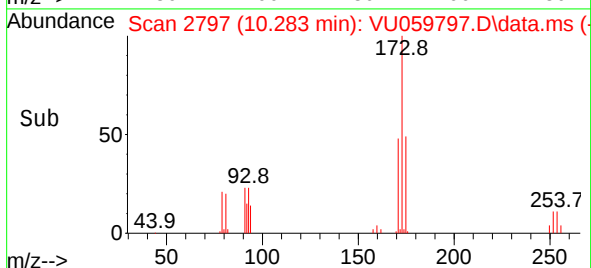
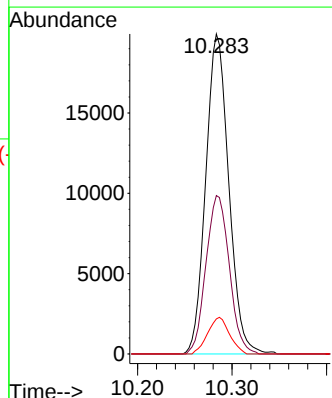
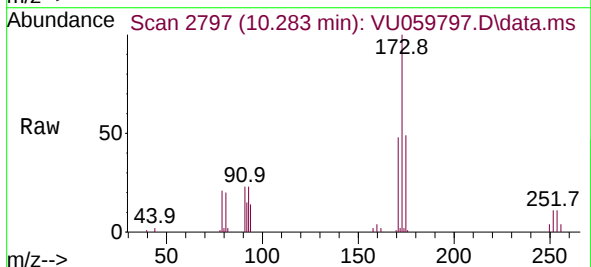
Tgt Ion:173 Resp: 33672

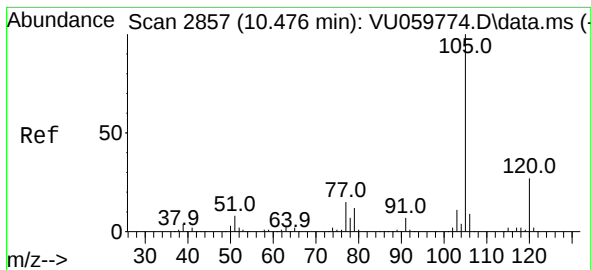
Ion Ratio Lower Upper

173 100

175 50.2 39.4 59.2

254 10.9 7.4 11.2





#60

Isopropylbenzene

Concen: 5.223 ug/L

RT: 10.480 min Scan# 2857

Delta R.T. 0.003 min

Lab File: VU059797.D

Acq: 03 Jul 2024 14:54

Instrument :

MSVOA_U

ClientSampleId :

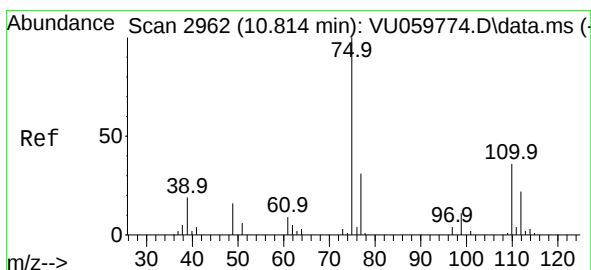
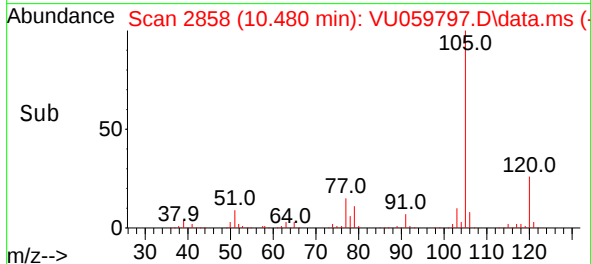
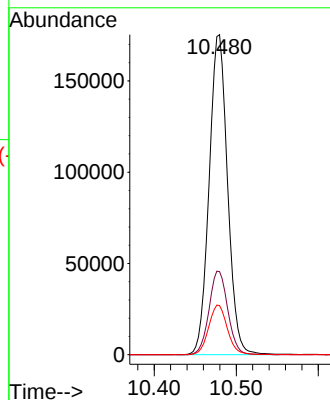
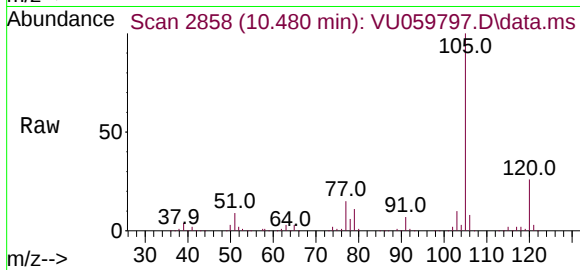
Tgt Ion:105 Resp: 273528

Ion Ratio Lower Upper

105 100

120 26.6 20.6 31.0

77 15.7 12.8 19.2



#61

1,2,3-Trichloropropane

Concen: 5.221 ug/L

RT: 10.817 min Scan# 2963

Delta R.T. 0.003 min

Lab File: VU059797.D

Acq: 03 Jul 2024 14:54

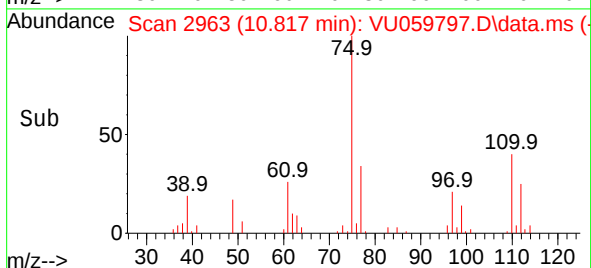
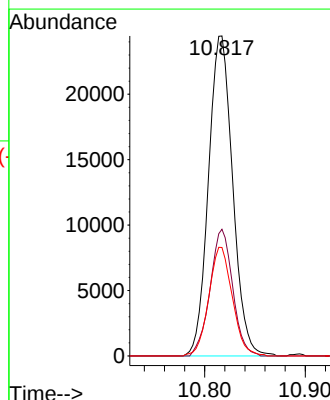
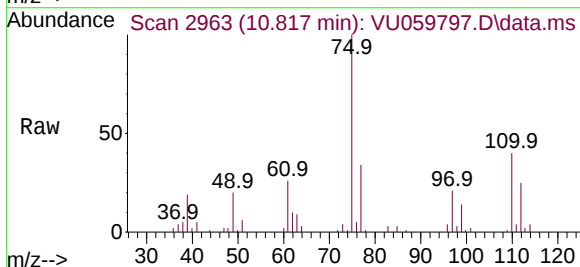
Tgt Ion: 75 Resp: 40905

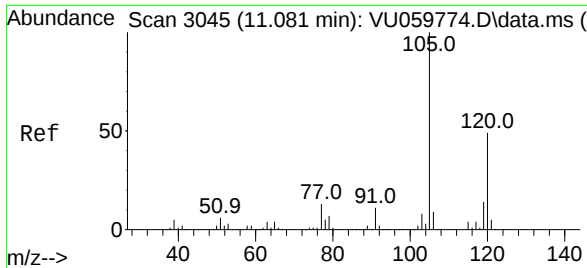
Ion Ratio Lower Upper

75 100

110 37.0 27.1 40.7

77 33.1 25.4 38.2





#62

1,3,5-Trimethylbenzene

Concen: 4.911 ug/L

RT: 11.084 min Scan# 3045

Delta R.T. 0.003 min

Lab File: VU059797.D

Acq: 03 Jul 2024 14:54

Instrument :

MSVOA_U

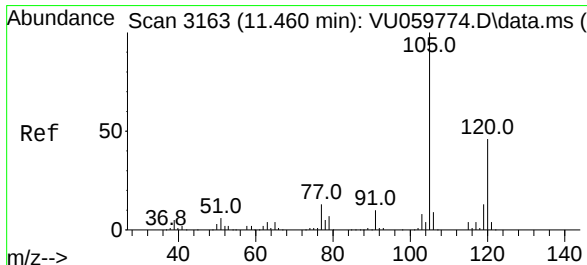
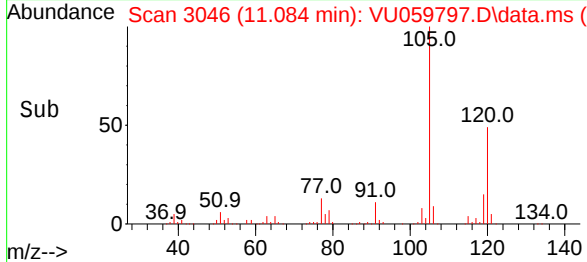
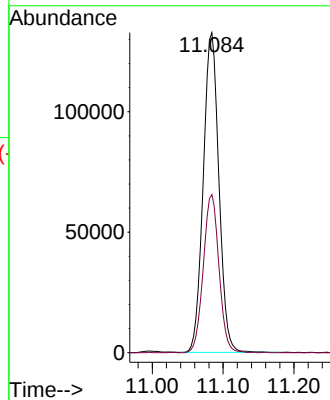
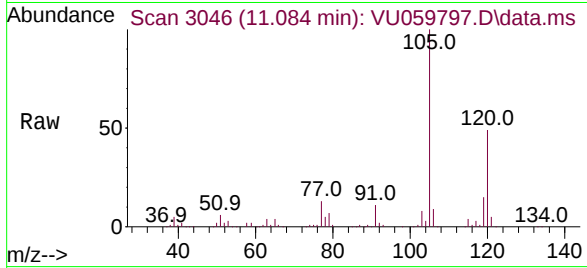
ClientSampleId :

Tgt Ion:105 Resp: 203736

Ion Ratio Lower Upper

105 100

120 49.4 38.2 57.4



#63

1,2,4-Trimethylbenzene

Concen: 5.078 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. 0.003 min

Lab File: VU059797.D

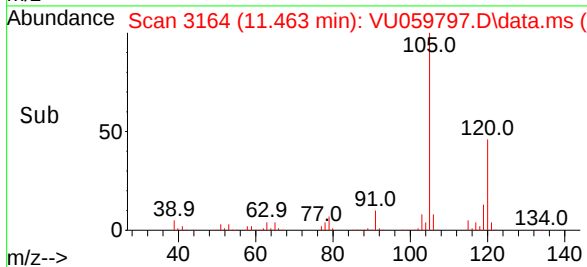
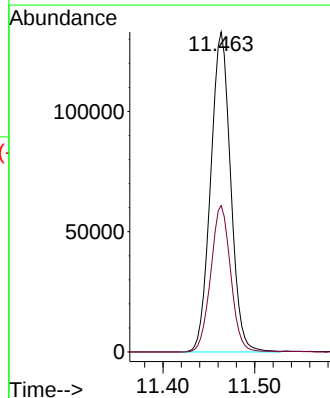
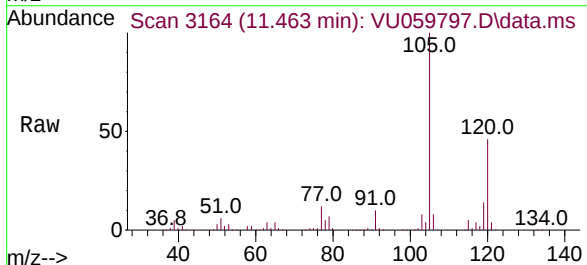
Acq: 03 Jul 2024 14:54

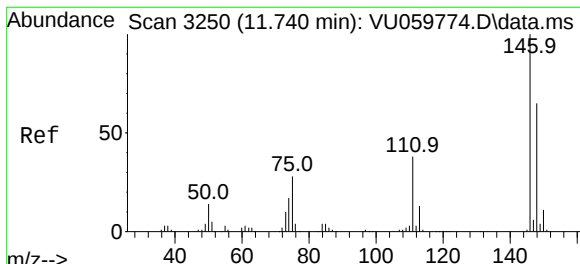
Tgt Ion:105 Resp: 201433

Ion Ratio Lower Upper

105 100

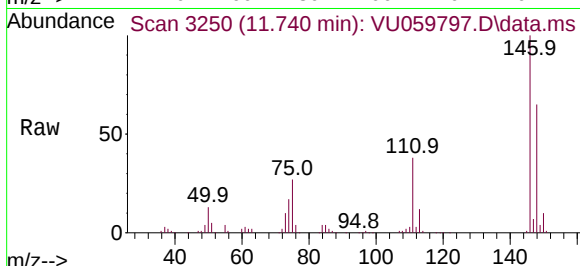
120 45.6 35.4 53.0



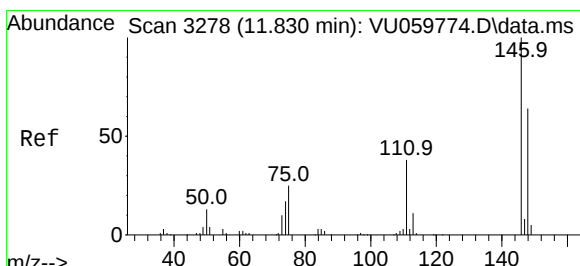
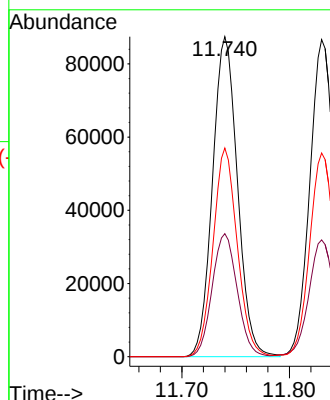
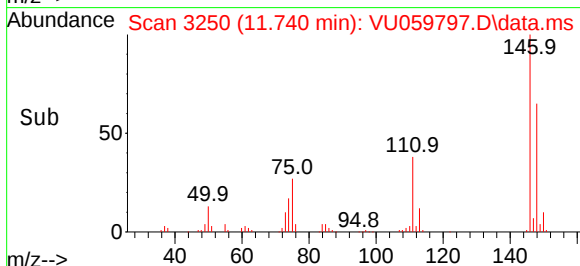


#64
1,3-Dichlorobenzene
Concen: 5.290 ug/L
RT: 11.740 min Scan# 3250
Delta R.T. 0.000 min
Lab File: VU059797.D
Acq: 03 Jul 2024 14:54

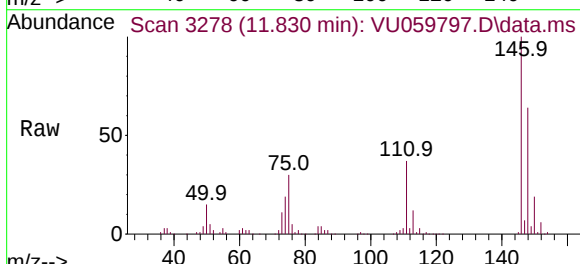
Instrument :
MSVOA_U
ClientSampleId :



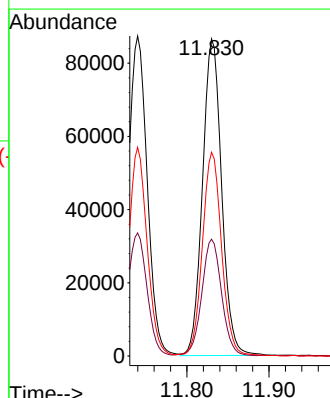
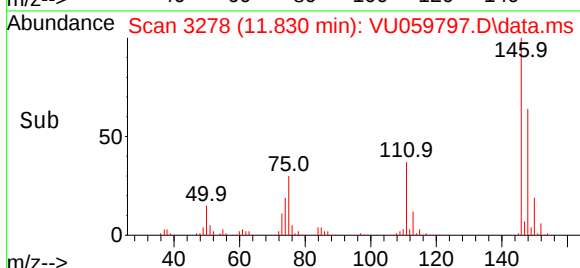
Tgt Ion:146 Resp: 140918
Ion Ratio Lower Upper
146 100
111 38.5 27.4 51.0
148 65.2 45.0 83.6

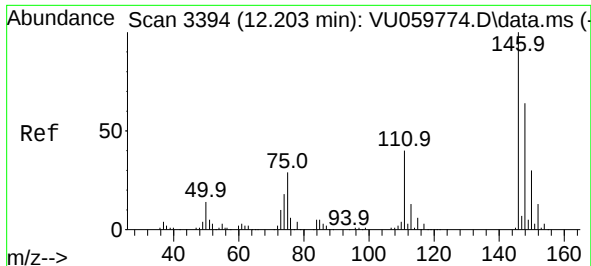


#65
1,4-Dichlorobenzene
Concen: 5.121 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. 0.000 min
Lab File: VU059797.D
Acq: 03 Jul 2024 14:54



Tgt Ion:146 Resp: 140407
Ion Ratio Lower Upper
146 100
111 36.8 26.9 50.1
148 64.2 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 5.236 ug/L

RT: 12.206 min Scan# 3394

Delta R.T. 0.003 min

Lab File: VU059797.D

Acq: 03 Jul 2024 14:54

Instrument :

MSVOA_U

ClientSampleId :

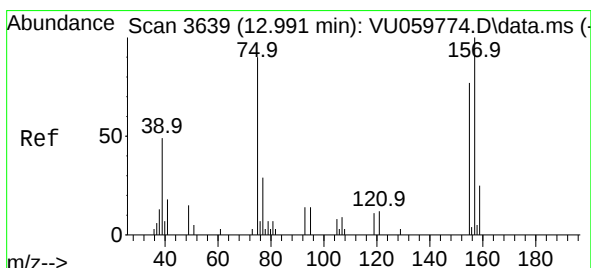
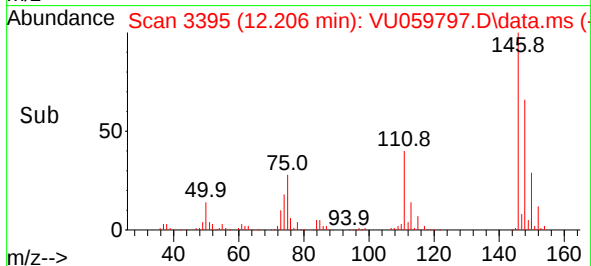
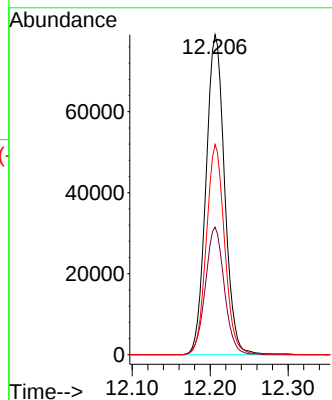
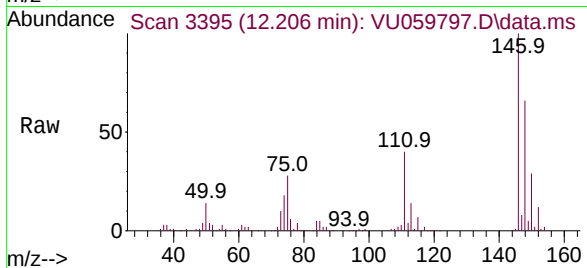
Tgt Ion:146 Resp: 131258

Ion Ratio Lower Upper

146 100

111 39.9 33.4 50.0

148 65.7 49.7 74.5



#68

1,2-Dibromo-3-chloropropane

Concen: 5.351 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. 0.000 min

Lab File: VU059797.D

Acq: 03 Jul 2024 14:54

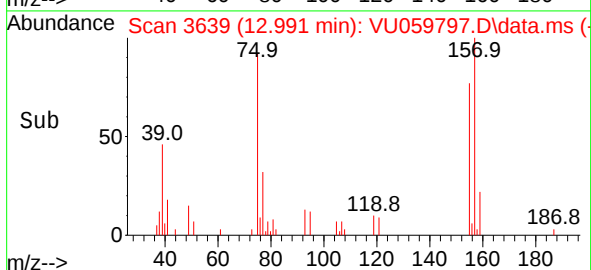
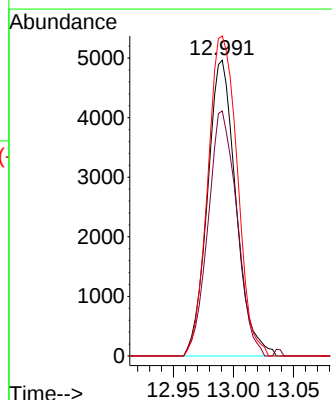
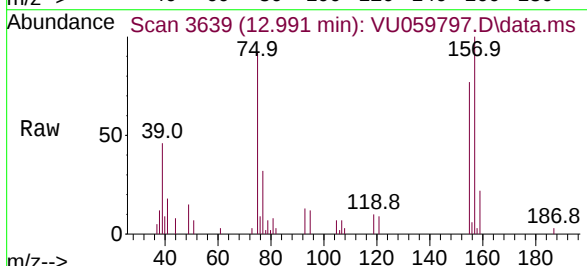
Tgt Ion: 75 Resp: 8177

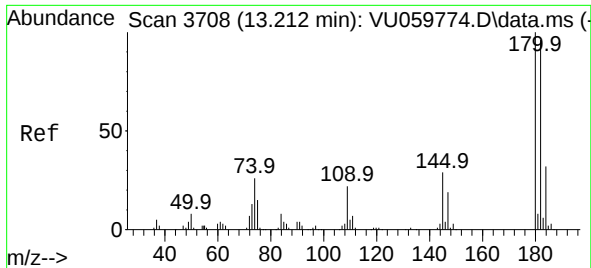
Ion Ratio Lower Upper

75 100

155 82.8 58.2 87.2

157 108.2 80.0 120.0





#69

1,3,5-Trichlorobenzene

Concen: 5.010 ug/L

RT: 13.213 min Scan# 3708

Delta R.T. 0.000 min

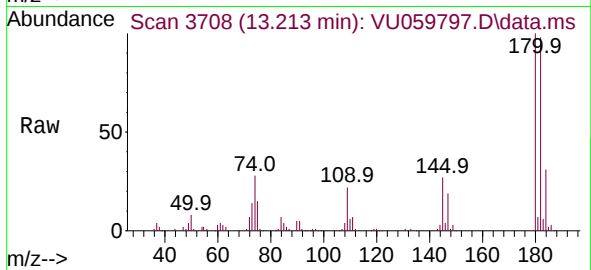
Lab File: VU059797.D

Acq: 03 Jul 2024 14:54

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 98791

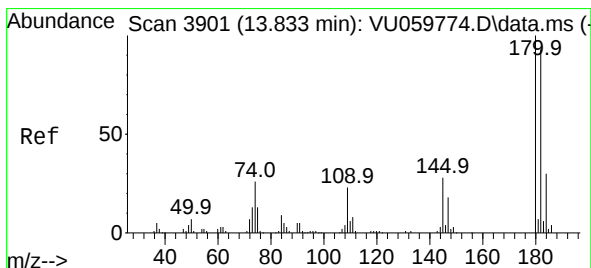
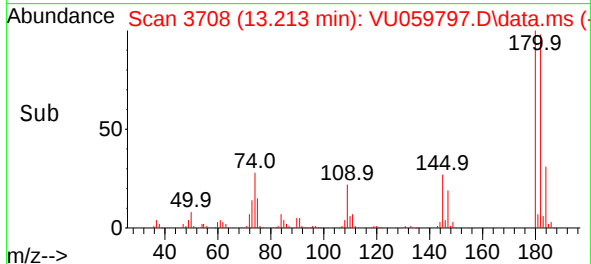
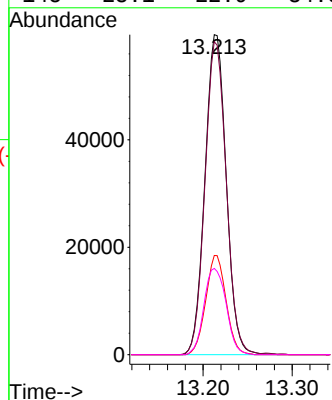
Ion Ratio Lower Upper

180 100

182 97.6 75.4 113.0

184 29.6 23.0 34.6

145 28.1 22.9 34.3



#70

1,2,4-trichlorobenzene

Concen: 5.079 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. 0.000 min

Lab File: VU059797.D

Acq: 03 Jul 2024 14:54

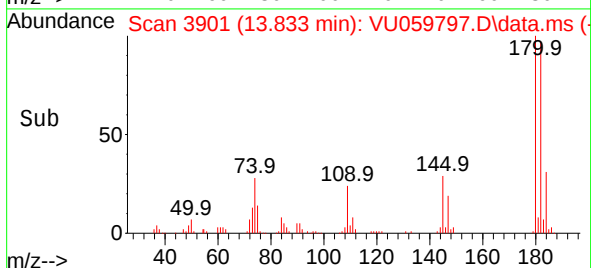
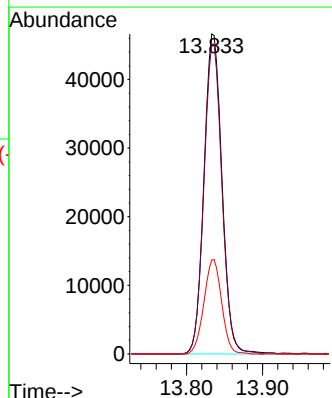
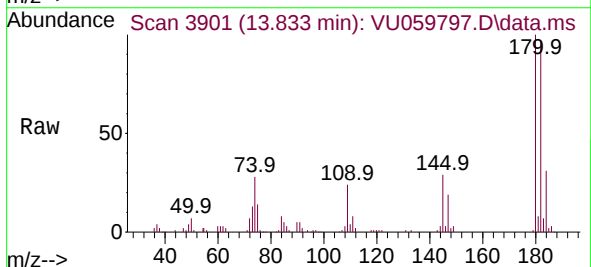
Tgt Ion:180 Resp: 76823

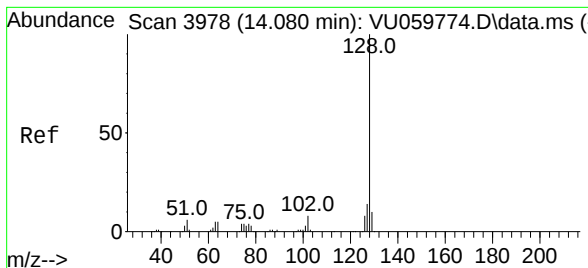
Ion Ratio Lower Upper

180 100

182 96.4 74.9 112.3

145 28.9 23.9 35.9





#71

Naphthalene

Concen: 4.723 ug/L

RT: 14.084 min Scan# 3978

Delta R.T. 0.003 min

Lab File: VU059797.D

Acq: 03 Jul 2024 14:54

Instrument :

MSVOA_U

ClientSampleId :

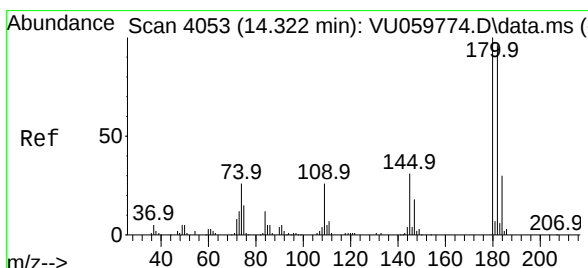
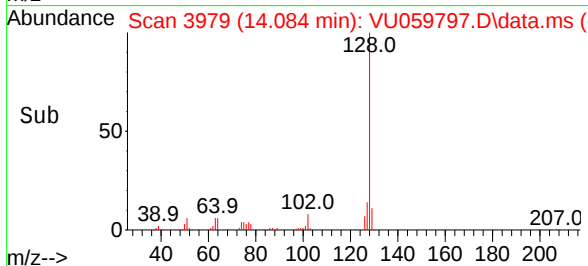
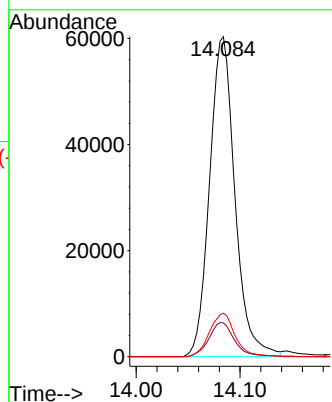
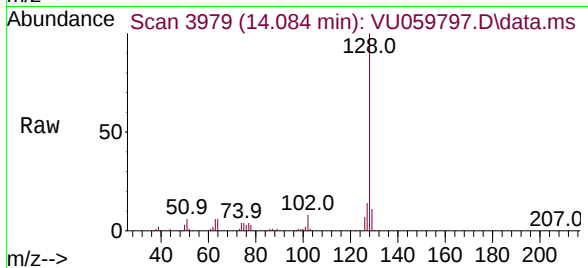
Tgt Ion:128 Resp: 102244

Ion Ratio Lower Upper

128 100

129 10.8 8.2 12.4

127 13.8 10.2 15.4



#72

1,2,3-Trichlorobenzene

Concen: 5.107 ug/L

RT: 14.325 min Scan# 4054

Delta R.T. 0.003 min

Lab File: VU059797.D

Acq: 03 Jul 2024 14:54

Tgt Ion:180 Resp: 71730

Ion Ratio Lower Upper

180 100

182 94.6 77.0 115.6

145 31.4 26.2 39.4

