

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041124\
 Data File : VU058597.D
 Acq On : 11 Apr 2024 09:14
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 12 02:20:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 11 02:34:51 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	80668	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	78672	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	37460	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	23224	4.348	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.000%
7) Chloroethane-d5	1.907	69	20136	4.338	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.800%
11) 1,1-Dichloroethene-d2	2.560	65	10589	4.380	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.600%
20) 2-Butanone-d5	4.631	46	47082	41.832	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.660%
24) Chloroform-d	5.055	84	48989	4.595	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
26) 1,2-Dichloroethane-d4	5.695	65	22527	4.528	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.600%
32) Benzene-d6	5.721	84	93679	4.423	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%
36) 1,2-Dichloropropane-d6	6.682	67	29443	4.433	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.600%
41) Toluene-d8	7.891	98	83652	4.454	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.000%
43) trans-1,3-Dichloroprop...	8.174	79	8580	4.161	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.200%
46) 2-Hexanone-d5	8.627	63	32608	38.343	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.680%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	18314	3.906	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	25222	3.998	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	80.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	27670	4.115	ug/L	99
3) Chloromethane	1.515	50	35752	4.345	ug/L	99
5) Vinyl chloride	1.599	62	36372	4.426	ug/L	98
6) Bromomethane	1.853	94	13108	3.371	ug/L	98
8) Chloroethane	1.927	64	23442	4.515	ug/L	98
9) Trichlorofluoromethane	2.132	101	49300	4.543	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	28485	4.417	ug/L	97
12) 1,1-Dichloroethene	2.573	96	26175	4.579	ug/L	98
13) Acetone	2.644	43	37977	39.534	ug/L	98
14) Carbon disulfide	2.788	76	78051	4.298	ug/L	99
15) Methyl Acetate	2.952	43	10600	4.677	ug/L	94
16) Methylene chloride	3.036	84	31561	4.160	ug/L	99
17) Methyl tert-butyl Ether	3.351	73	60633	4.490	ug/L	100
18) trans-1,2-Dichloroethene	3.348	96	27879	4.653	ug/L	97
19) 1,1-Dichloroethane	3.859	63	62932	4.812	ug/L	99
21) 2-Butanone	4.708	43	60706	42.280	ug/L	99
22) cis-1,2-Dichloroethene	4.656	96	31366	4.662	ug/L	95
23) Bromochloromethane	4.965	128	12148	4.582	ug/L	94
25) Chloroform	5.078	83	60442	4.775	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041124\
 Data File : VU058597.D
 Acq On : 11 Apr 2024 09:14
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

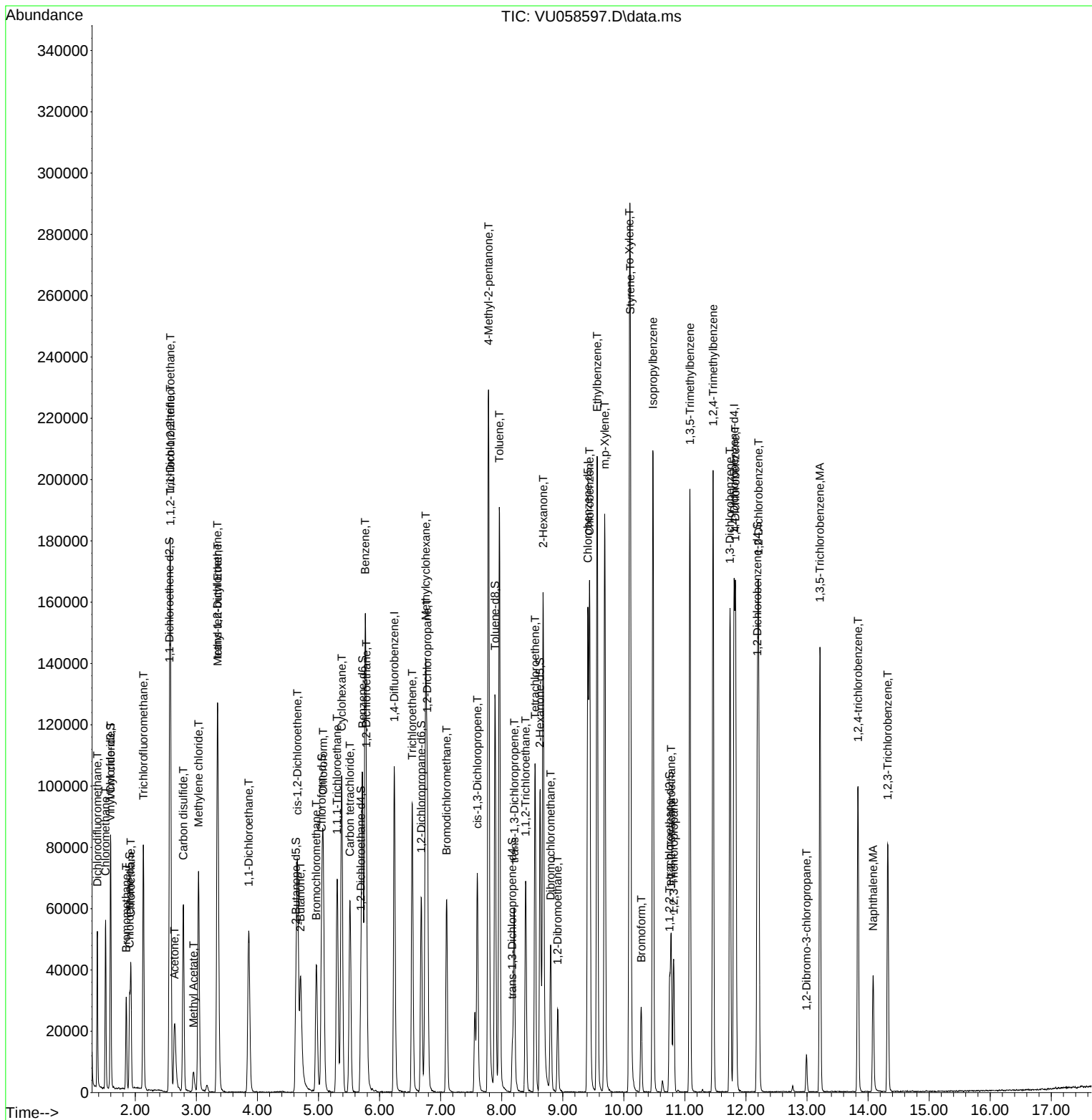
Instrument :
 MSVOA_U
 ClientSampleId :

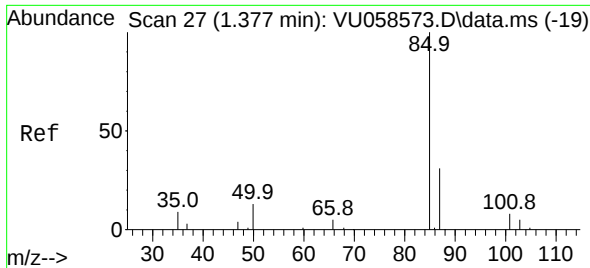
Quant Time: Apr 12 02:20:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 11 02:34:51 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	36823	4.777	ug/L	96
29) 1,1,1-Trichloroethane	5.306	97	48680	4.615	ug/L	98
30) Cyclohexane	5.380	56	48456	4.350	ug/L	98
31) Carbon tetrachloride	5.515	117	41372	4.632	ug/L	100
33) Benzene	5.766	78	129871	4.554	ug/L	100
34) Trichloroethene	6.537	95	31934	4.442	ug/L	99
35) Methylcyclohexane	6.756	83	46121	4.258	ug/L	97
37) 1,2-Dichloropropane	6.782	63	36097	4.811	ug/L	100
38) Bromodichloromethane	7.100	83	40855	4.770	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	40936	4.291	ug/L	97
40) 4-Methyl-2-pentanone	7.785	43	162188	45.924	ug/L	98
42) Toluene	7.962	91	135975	4.546	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	33286	4.424	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	20946	4.780	ug/L	97
47) Tetrachloroethene	8.547	164	22284	4.229	ug/L	96
48) 2-Hexanone	8.679	43	113124	45.120	ug/L	97
49) Dibromochloromethane	8.801	129	23194	4.578	ug/L	98
50) 1,2-Dibromoethane	8.917	107	17780	4.437	ug/L	97
51) Chlorobenzene	9.441	112	80754	4.462	ug/L	98
52) Ethylbenzene	9.563	91	142741	4.504	ug/L	100
53) m,p-Xylene	9.688	106	51511	4.539	ug/L	99
54) o-Xylene	10.094	106	50923	4.577	ug/L	99
55) Styrene	10.110	104	82567	4.613	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	24895	4.606	ug/L	100
59) Bromoform	10.286	173	11676	4.665	ug/L	95
60) Isopropylbenzene	10.479	105	130808	4.770	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	17900	4.683	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	102949	4.603	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	105336	4.613	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	59823	4.491	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	57698	4.446	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	53715	4.433	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.990	75	3178	4.903	ug/L #	84
69) 1,3,5-Trichlorobenzene	13.212	180	41599	4.223	ug/L	100
70) 1,2,4-trichlorobenzene	13.836	180	28053	3.693	ug/L	95
71) Naphthalene	14.084	128	32413	3.114	ug/L	98
72) 1,2,3-Trichlorobenzene	14.322	180	23666	3.773	ug/L	99

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

Quant Time: Apr 12 02:20:20 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Apr 11 02:34:51 2024
Response via : Initial Calibration

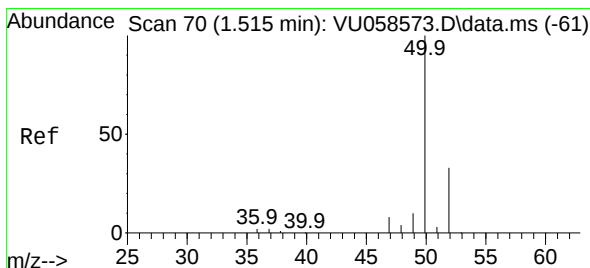
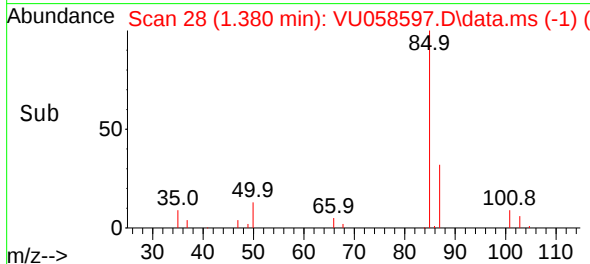
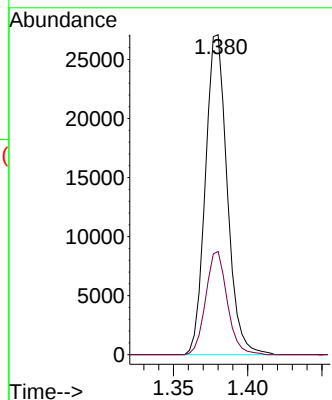
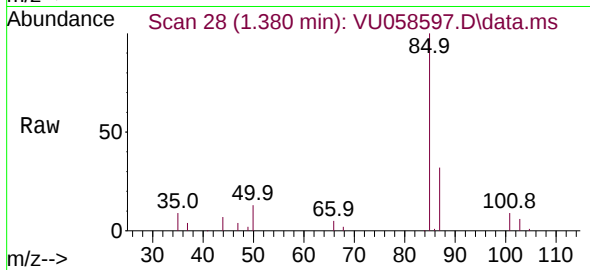




#2
 Dichlorodifluoromethane
 Concen: 4.115 ug/L
 RT: 1.380 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VU058597.D
 Acq: 11 Apr 2024 09:14

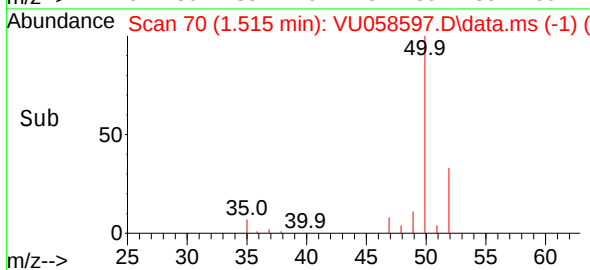
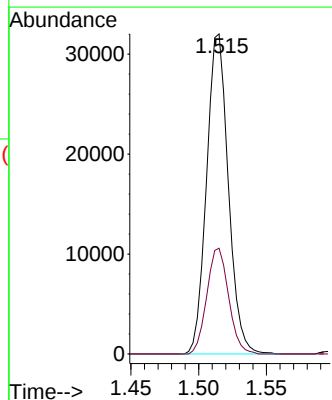
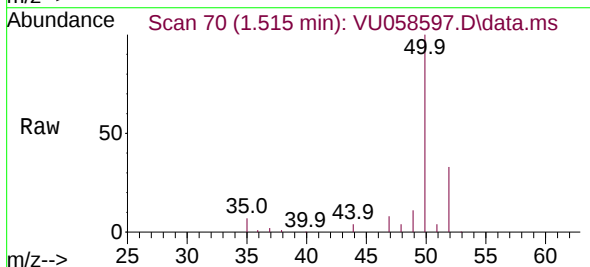
Instrument :
 MSVOA_U
 ClientSampleId :

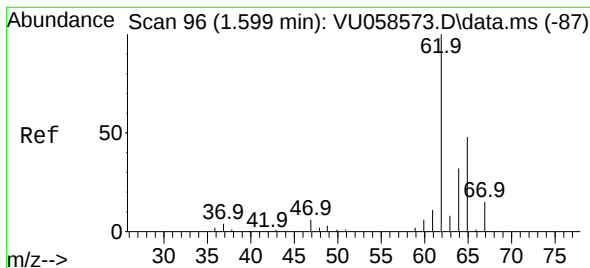
Tgt Ion: 85 Resp: 27670
 Ion Ratio Lower Upper
 85 100
 87 31.8 25.9 38.9



#3
 Chloromethane
 Concen: 4.345 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: VU058597.D
 Acq: 11 Apr 2024 09:14

Tgt Ion: 50 Resp: 35752
 Ion Ratio Lower Upper
 50 100
 52 33.1 22.6 42.0





#5

Vinyl chloride

Concen: 4.426 ug/L

RT: 1.599 min Scan# 90

Delta R.T. -0.000 min

Lab File: VU058597.D

Acq: 11 Apr 2024 09:14

Instrument :

MSVOA_U

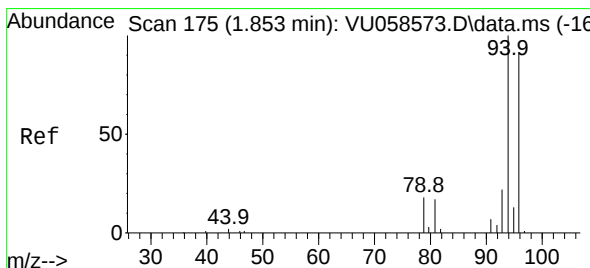
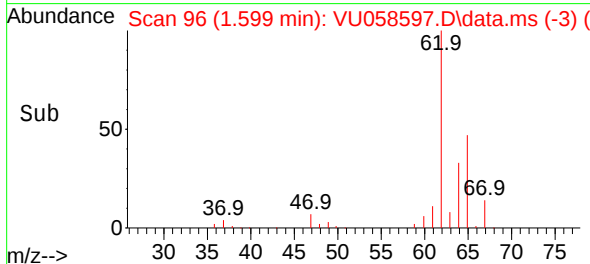
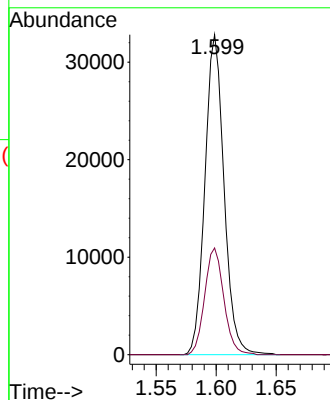
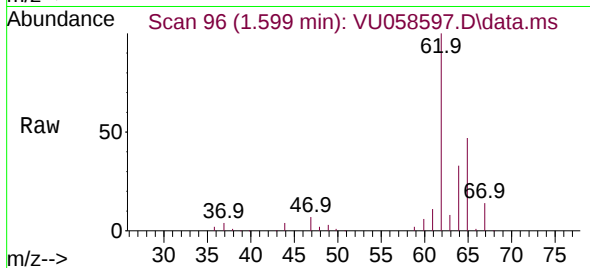
ClientSampleId :

Tgt Ion: 62 Resp: 36372

Ion Ratio Lower Upper

62 100

64 33.4 22.6 42.0



#6

Bromomethane

Concen: 3.371 ug/L

RT: 1.853 min Scan# 175

Delta R.T. -0.000 min

Lab File: VU058597.D

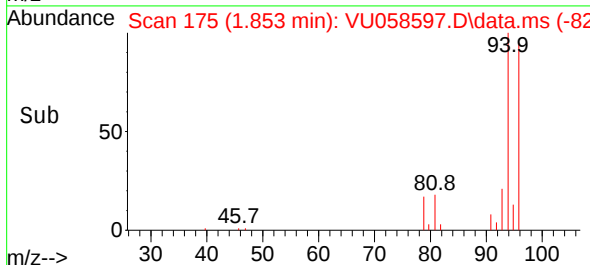
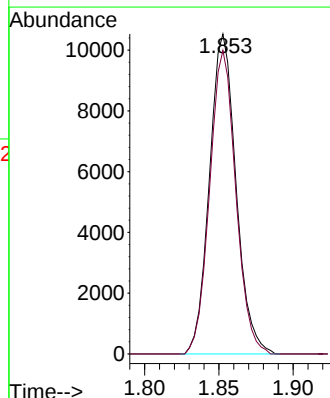
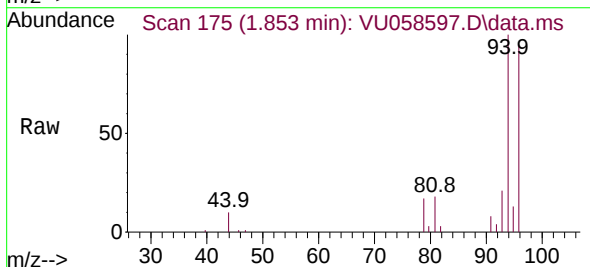
Acq: 11 Apr 2024 09:14

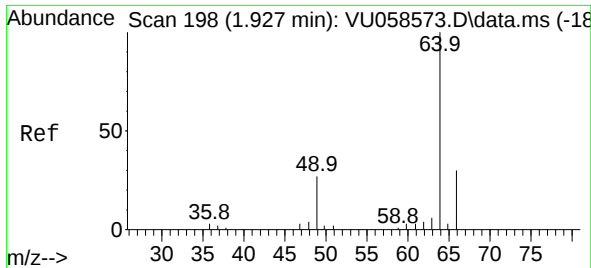
Tgt Ion: 94 Resp: 13108

Ion Ratio Lower Upper

94 100

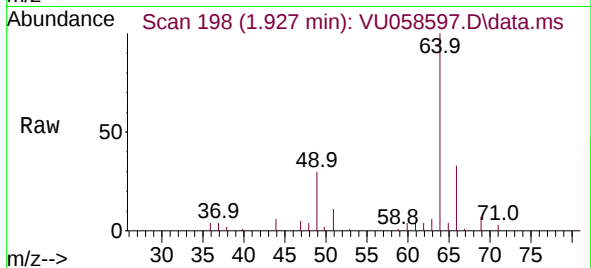
96 94.8 65.4 121.4



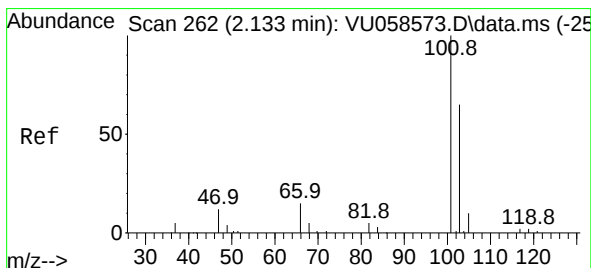
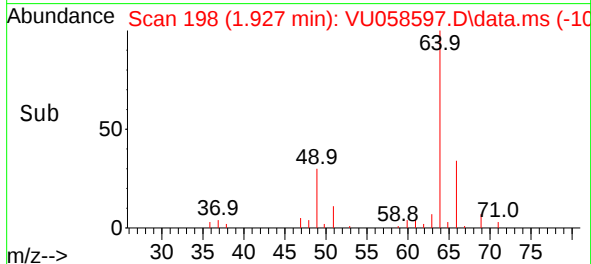
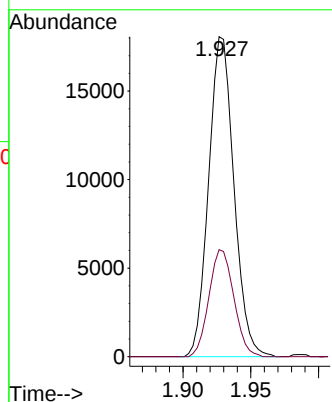


#8
Chloroethane
Concen: 4.515 ug/L
RT: 1.927 min Scan# 198
Delta R.T. -0.000 min
Lab File: VU058597.D
Acq: 11 Apr 2024 09:14

Instrument :
MSVOA_U
ClientSampleId :

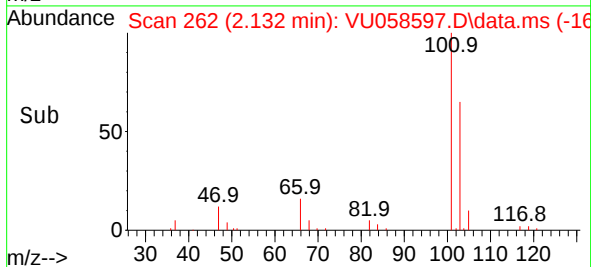
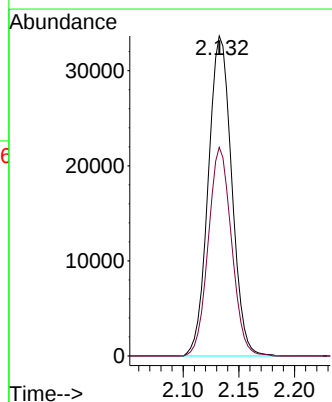
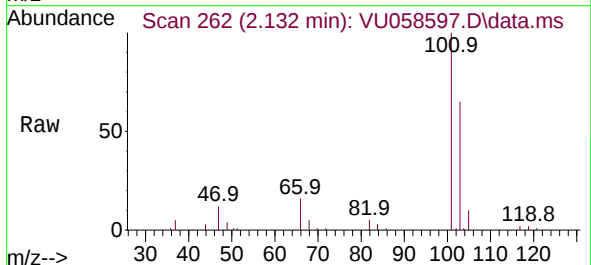


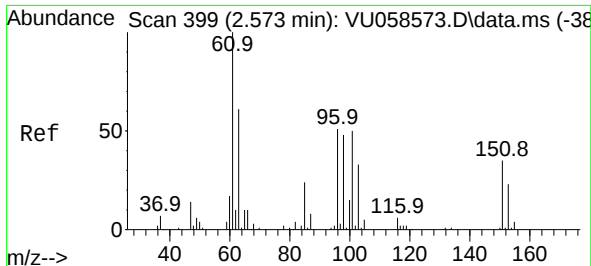
Tgt Ion: 64 Resp: 23442
Ion Ratio Lower Upper
64 100
66 33.4 22.5 41.9



#9
Trichlorofluoromethane
Concen: 4.543 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU058597.D
Acq: 11 Apr 2024 09:14

Tgt Ion:101 Resp: 49300
Ion Ratio Lower Upper
101 100
103 64.6 51.2 76.8

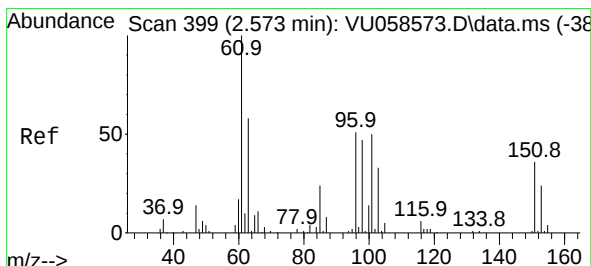
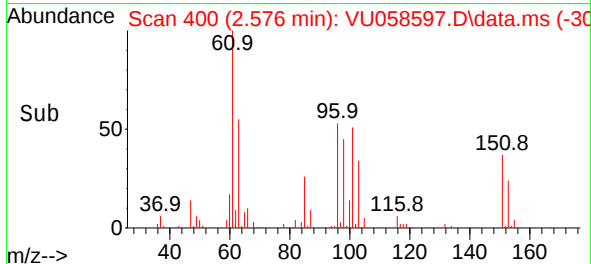
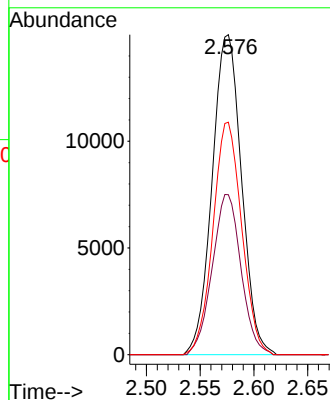
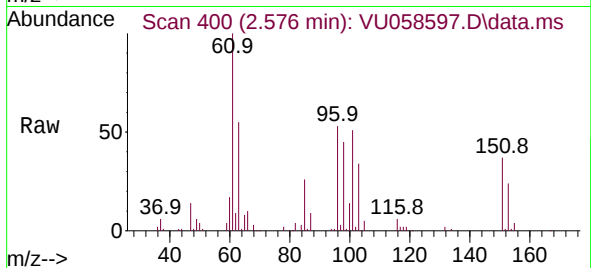




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.417 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.003 min
 Lab File: VU058597.D
 Acq: 11 Apr 2024 09:14

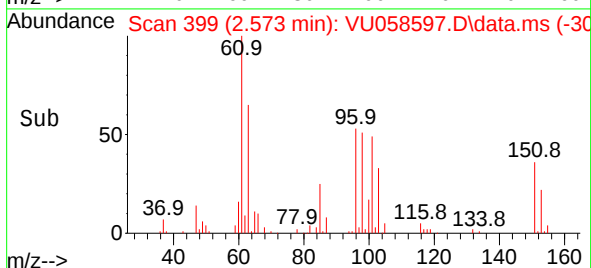
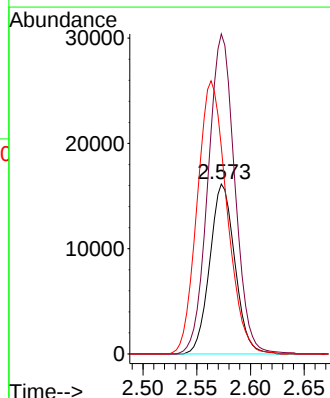
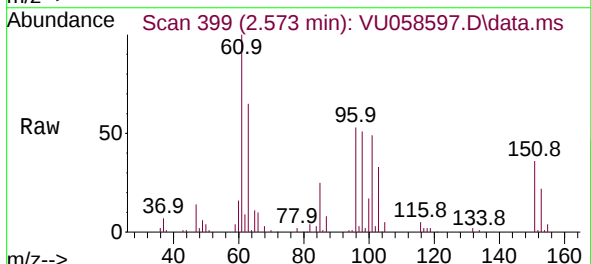
Instrument :
 MSVOA_U
 ClientSampleId :

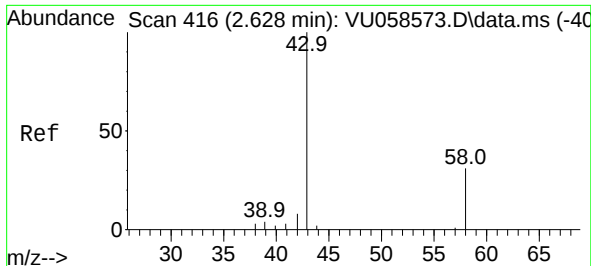
Tgt Ion:101 Resp: 28485
 Ion Ratio Lower Upper
 101 100
 85 49.1 36.8 55.2
 151 71.0 58.2 87.4



#12
 1,1-Dichloroethene
 Concen: 4.579 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.000 min
 Lab File: VU058597.D
 Acq: 11 Apr 2024 09:14

Tgt Ion: 96 Resp: 26175
 Ion Ratio Lower Upper
 96 100
 61 188.3 132.5 246.1
 63 121.8 87.7 162.9





#13

Acetone

Concen: 39.534 ug/L

RT: 2.644 min Scan# 41

Delta R.T. 0.016 min

Lab File: VU058597.D

Acq: 11 Apr 2024 09:14

Instrument :

MSVOA_U

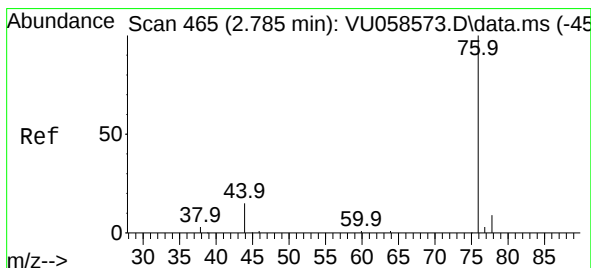
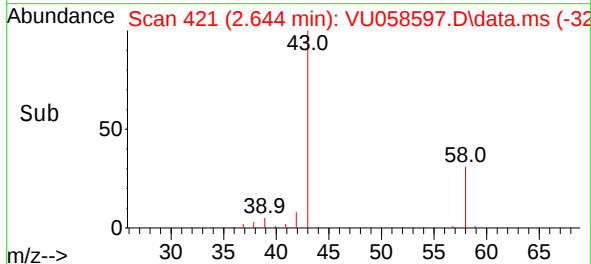
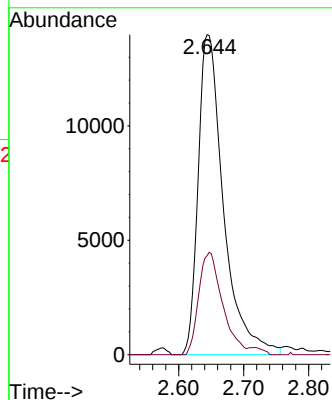
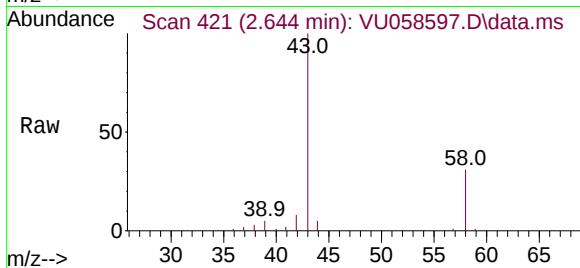
ClientSampleId :

Tgt Ion: 43 Resp: 37977

Ion Ratio Lower Upper

43 100

58 29.8 0.0 61.4



#14

Carbon disulfide

Concen: 4.298 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.003 min

Lab File: VU058597.D

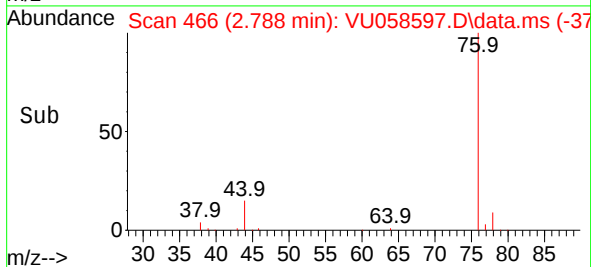
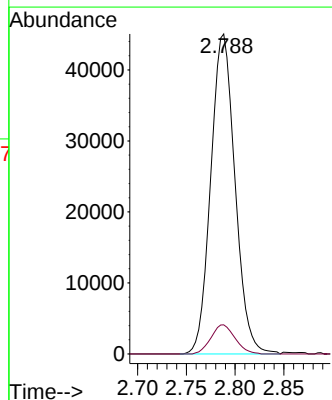
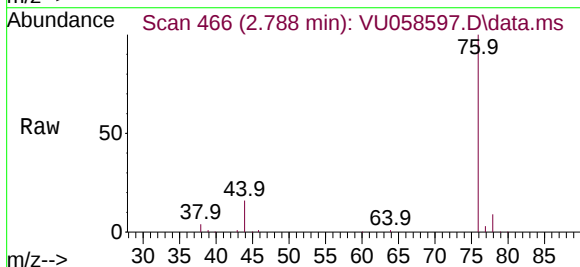
Acq: 11 Apr 2024 09:14

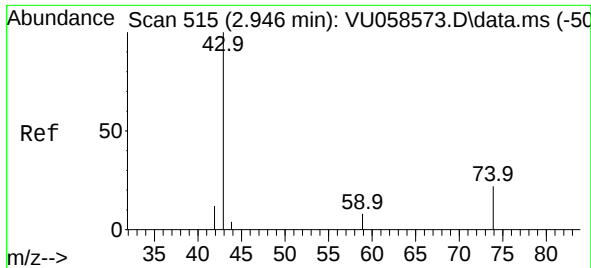
Tgt Ion: 76 Resp: 78051

Ion Ratio Lower Upper

76 100

78 9.1 7.5 11.3





#15

Methyl Acetate

Concen: 4.677 ug/L

RT: 2.952 min Scan# 515

Delta R.T. 0.006 min

Lab File: VU058597.D

Acq: 11 Apr 2024 09:14

Instrument :

MSVOA_U

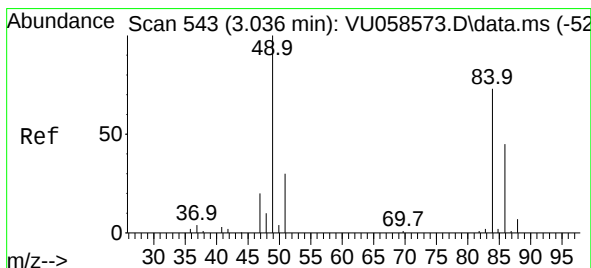
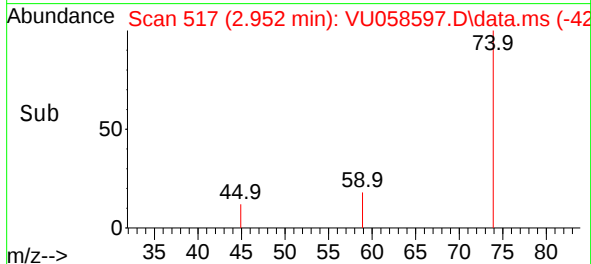
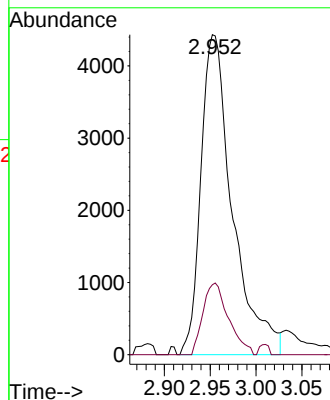
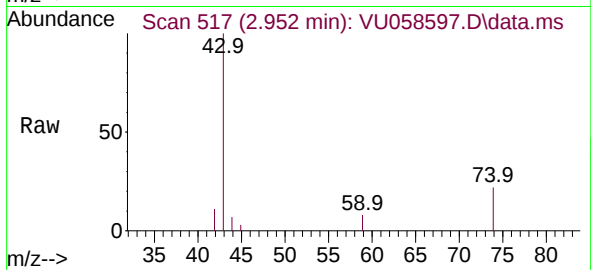
ClientSampleId :

Tgt Ion: 43 Resp: 10600

Ion Ratio Lower Upper

43 100

74 18.2 16.6 25.0



#16

Methylene chloride

Concen: 4.160 ug/L

RT: 3.036 min Scan# 543

Delta R.T. -0.000 min

Lab File: VU058597.D

Acq: 11 Apr 2024 09:14

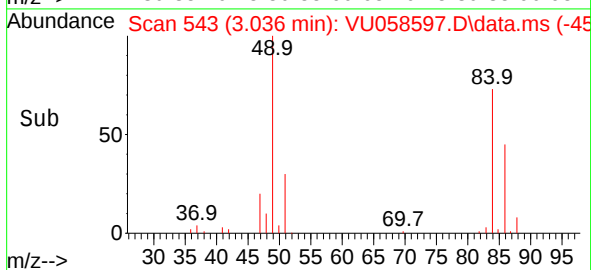
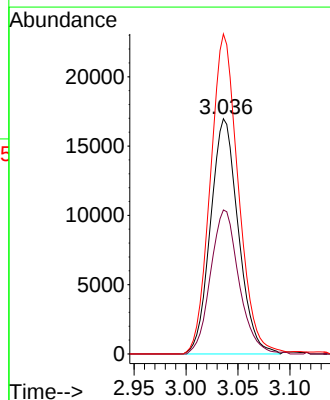
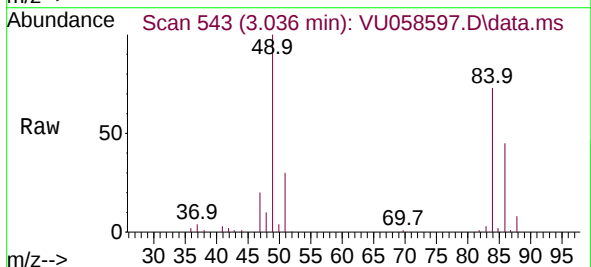
Tgt Ion: 84 Resp: 31561

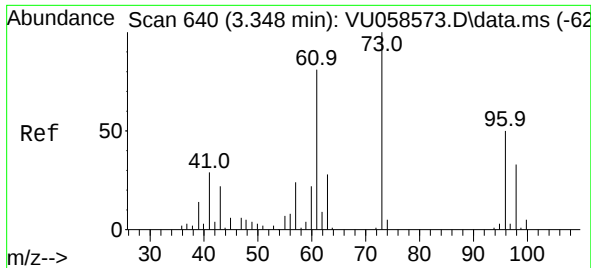
Ion Ratio Lower Upper

84 100

86 61.2 44.3 82.3

49 136.1 96.0 178.2

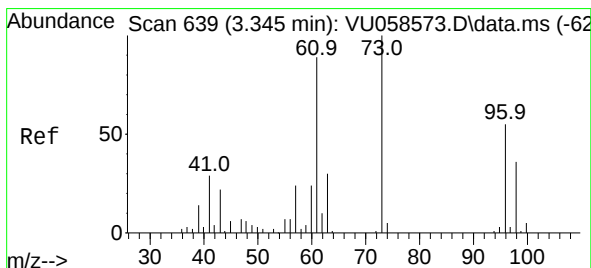
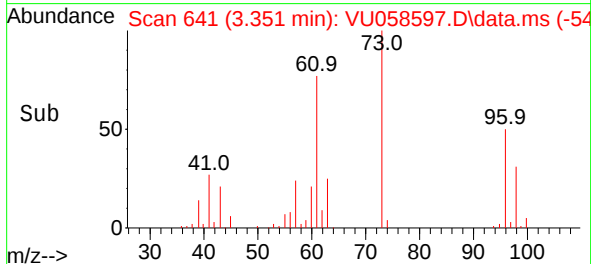
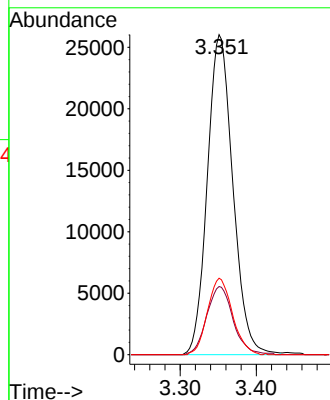
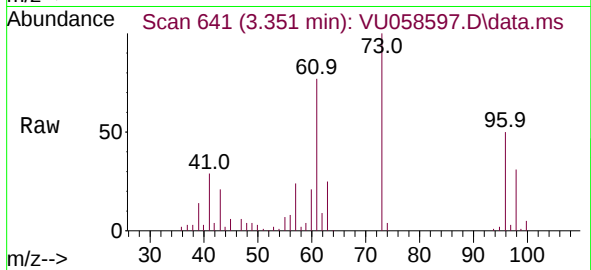




#17
Methyl tert-butyl Ether
Concen: 4.490 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU058597.D
Acq: 11 Apr 2024 09:14

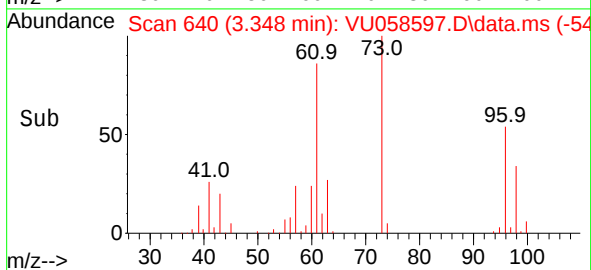
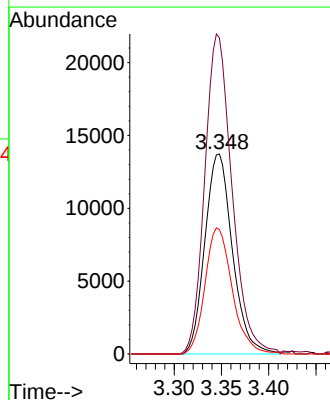
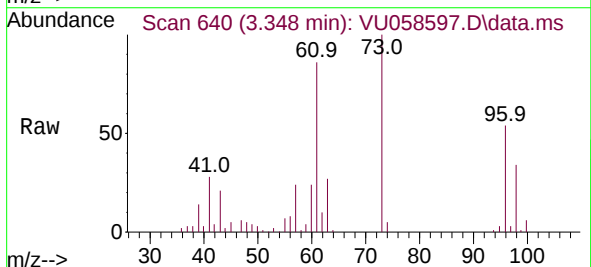
Instrument :
MSVOA_U
ClientSampleId :

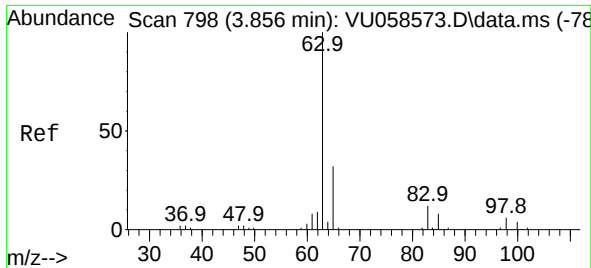
Tgt Ion: 73 Resp: 60633
Ion Ratio Lower Upper
73 100
43 22.1 17.4 26.2
57 23.3 18.6 27.8



#18
trans-1,2-Dichloroethene
Concen: 4.653 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.003 min
Lab File: VU058597.D
Acq: 11 Apr 2024 09:14

Tgt Ion: 96 Resp: 27879
Ion Ratio Lower Upper
96 100
61 158.1 107.6 199.8
98 62.3 45.1 83.7

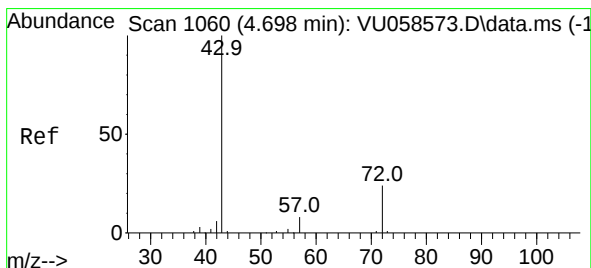
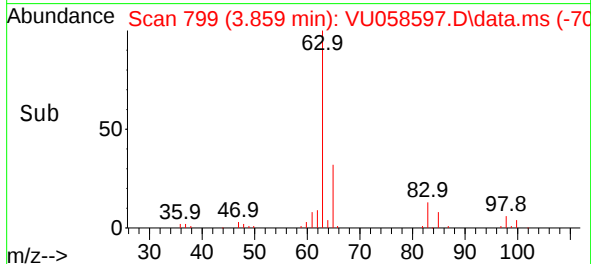
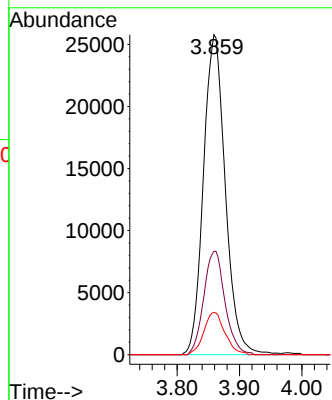
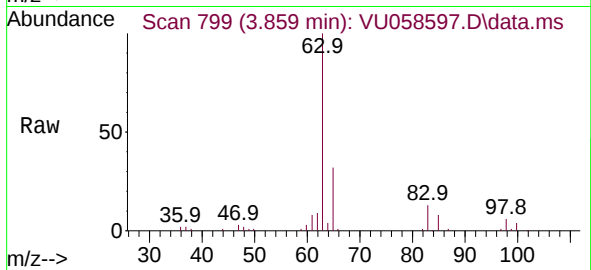




#19
1,1-Dichloroethane
Concen: 4.812 ug/L
RT: 3.859 min Scan# 70
Delta R.T. 0.003 min
Lab File: VU058597.D
Acq: 11 Apr 2024 09:14

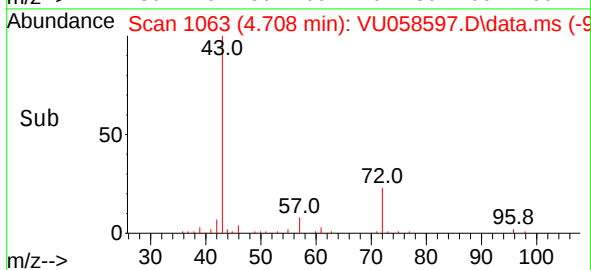
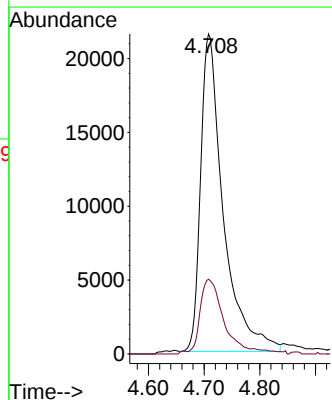
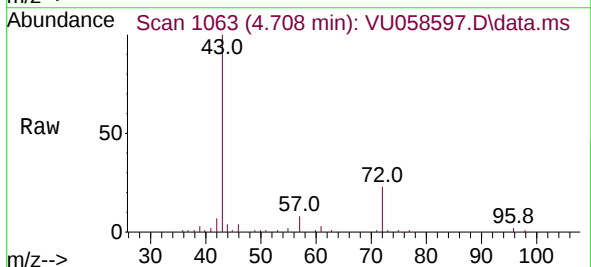
Instrument :
MSVOA_U
ClientSampleId :

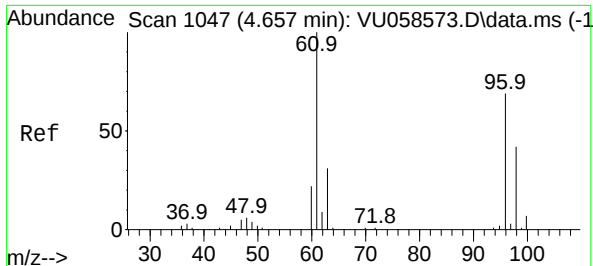
Tgt Ion: 63 Resp: 62932
Ion Ratio Lower Upper
63 100
65 33.0 22.9 42.5
83 13.3 9.6 17.8



#21
2-Butanone
Concen: 42.280 ug/L
RT: 4.708 min Scan# 1063
Delta R.T. 0.010 min
Lab File: VU058597.D
Acq: 11 Apr 2024 09:14

Tgt Ion: 43 Resp: 60706
Ion Ratio Lower Upper
43 100
72 23.7 11.7 35.0

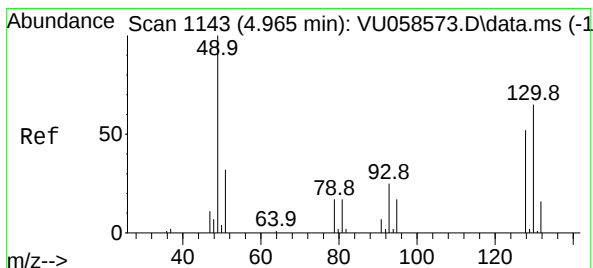
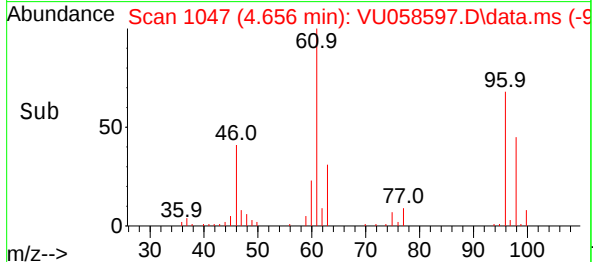
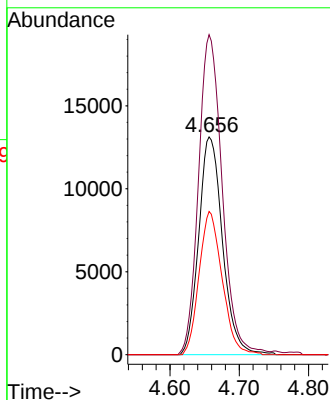
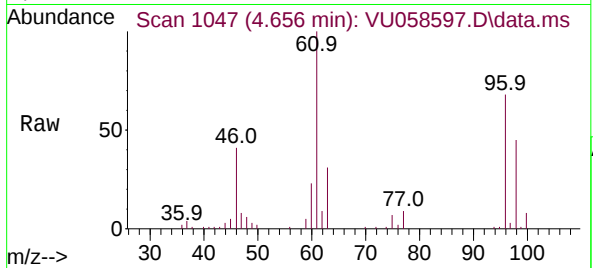




#22
 cis-1,2-Dichloroethene
 Concen: 4.662 ug/L
 RT: 4.656 min Scan# 1047
 Delta R.T. -0.000 min
 Lab File: VU058597.D
 Acq: 11 Apr 2024 09:14

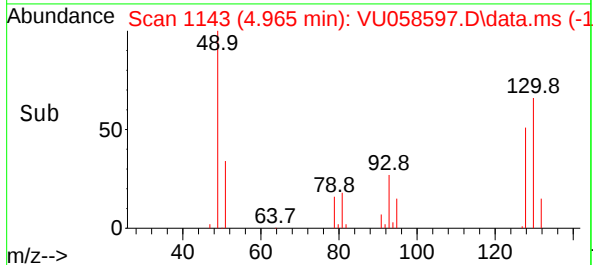
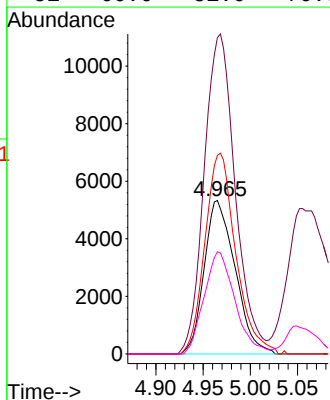
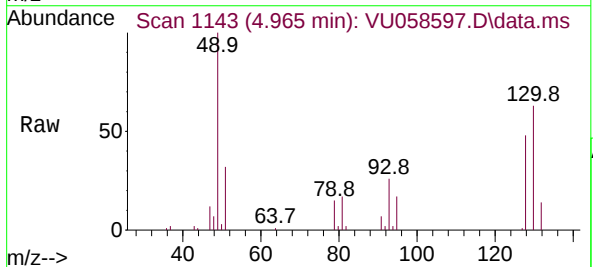
Instrument :
 MSVOA_U
 ClientSampleId :

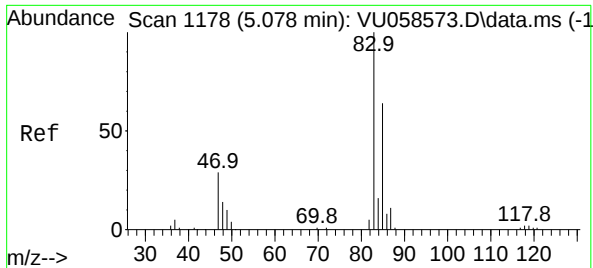
Tgt Ion: 96 Resp: 31366
 Ion Ratio Lower Upper
 96 100
 61 147.0 98.1 182.3
 98 65.8 43.6 81.0



#23
 Bromochloromethane
 Concen: 4.582 ug/L
 RT: 4.965 min Scan# 1143
 Delta R.T. -0.000 min
 Lab File: VU058597.D
 Acq: 11 Apr 2024 09:14

Tgt Ion:128 Resp: 12148
 Ion Ratio Lower Upper
 128 100
 49 206.2 134.4 249.6
 130 129.4 90.0 167.2
 51 66.6 51.0 76.6

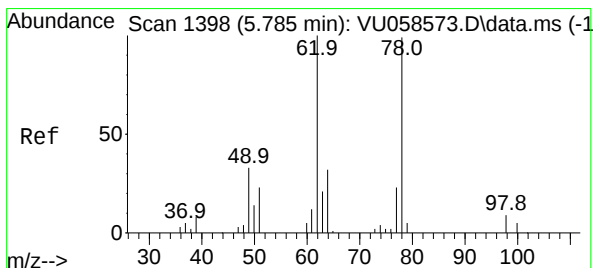
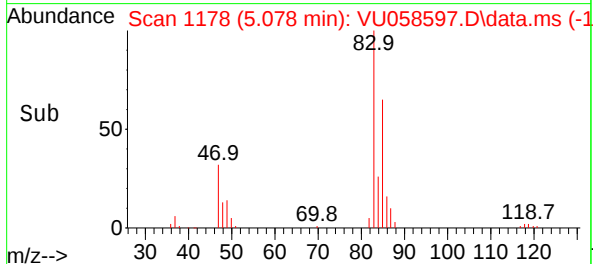
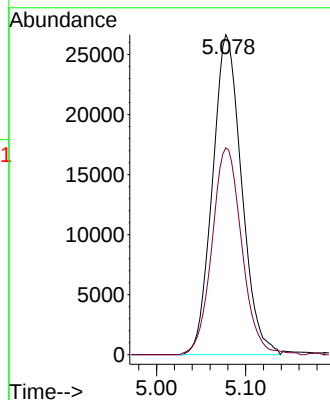
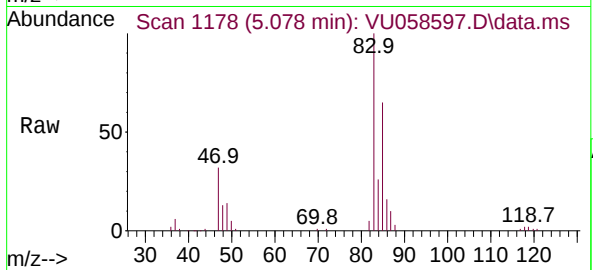




#25
Chloroform
Concen: 4.775 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. -0.000 min
Lab File: VU058597.D
Acq: 11 Apr 2024 09:14

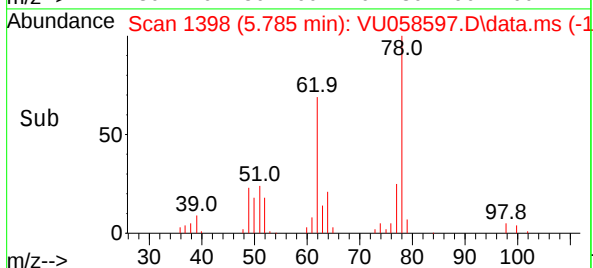
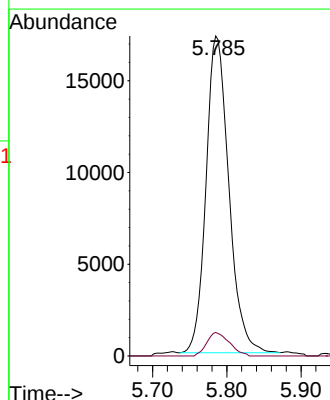
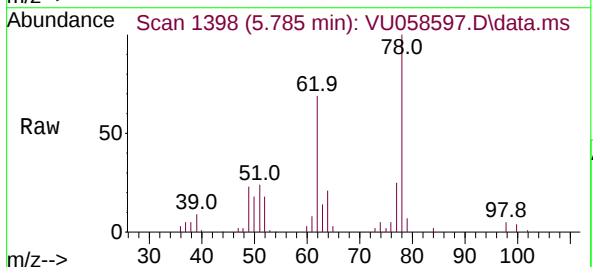
Instrument :
MSVOA_U
ClientSampleId :

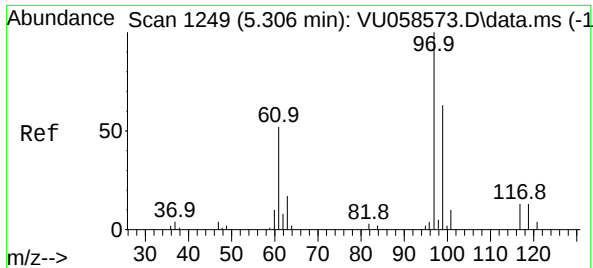
Tgt Ion: 83 Resp: 60442
Ion Ratio Lower Upper
83 100
85 64.6 44.7 83.1



#27
1,2-Dichloroethane
Concen: 4.777 ug/L
RT: 5.785 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VU058597.D
Acq: 11 Apr 2024 09:14

Tgt Ion: 62 Resp: 36823
Ion Ratio Lower Upper
62 100
98 7.3 7.0 10.4



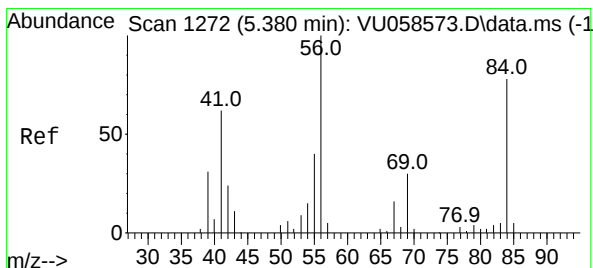
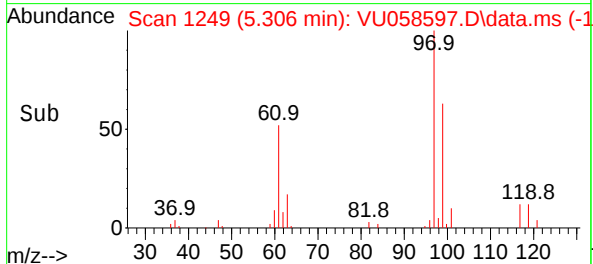
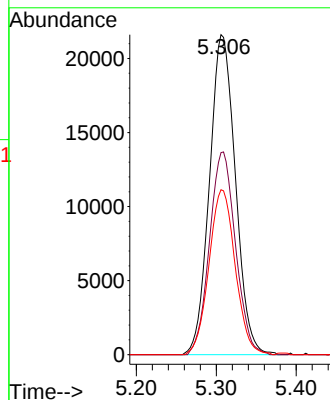
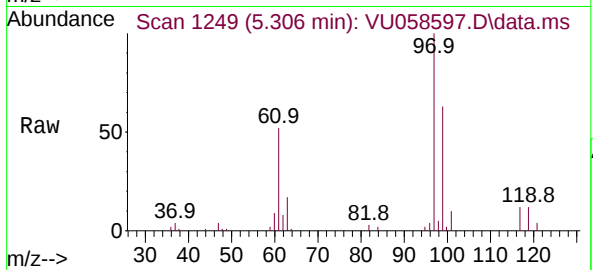


#29
1,1,1-Trichloroethane
Concen: 4.615 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VU058597.D
Acq: 11 Apr 2024 09:14

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 48680

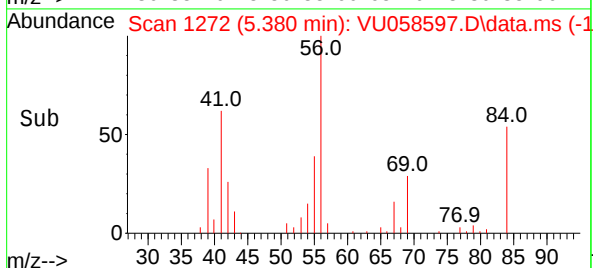
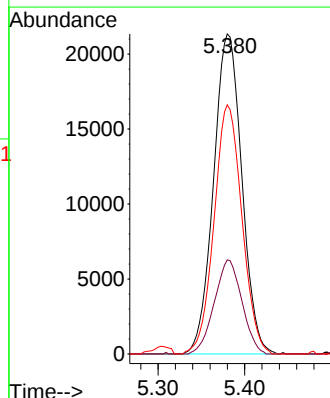
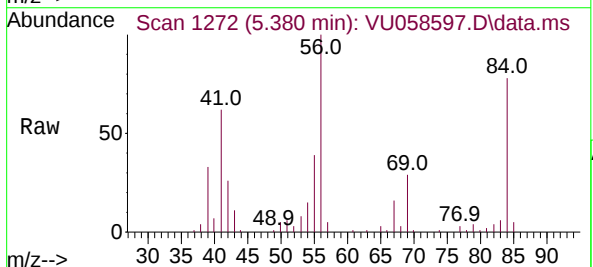
Ion	Ratio	Lower	Upper
97	100		
99	63.6	50.4	75.6
61	52.2	39.4	59.0

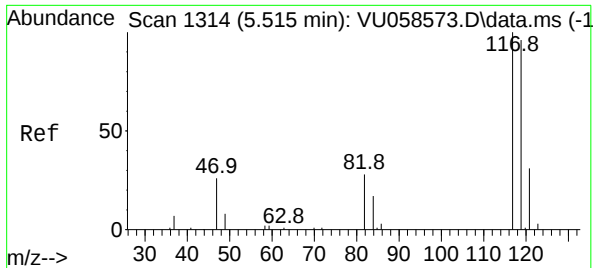


#30
Cyclohexane
Concen: 4.350 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VU058597.D
Acq: 11 Apr 2024 09:14

Tgt Ion: 56 Resp: 48456

Ion	Ratio	Lower	Upper
56	100		
69	28.6	23.2	34.8
84	76.7	63.3	94.9

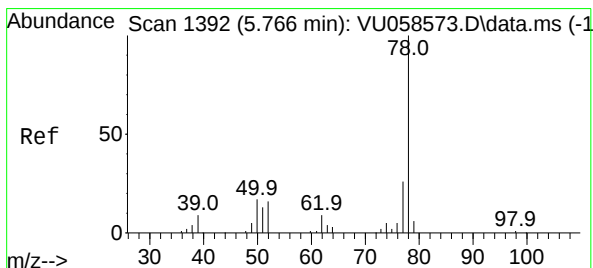
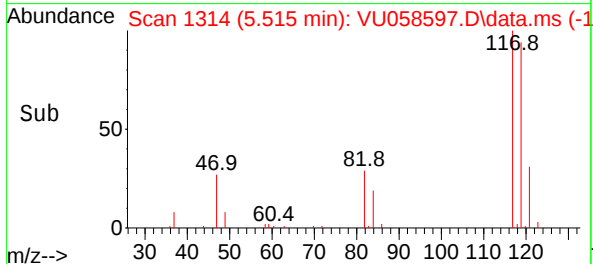
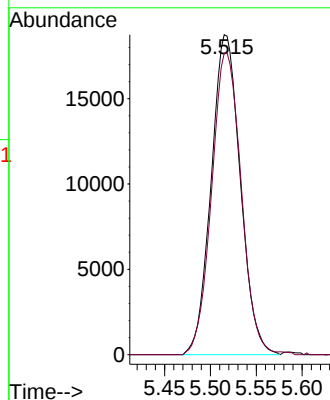
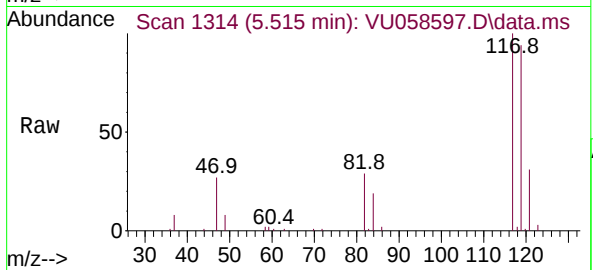




#31
Carbon tetrachloride
Concen: 4.632 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VU058597.D
Acq: 11 Apr 2024 09:14

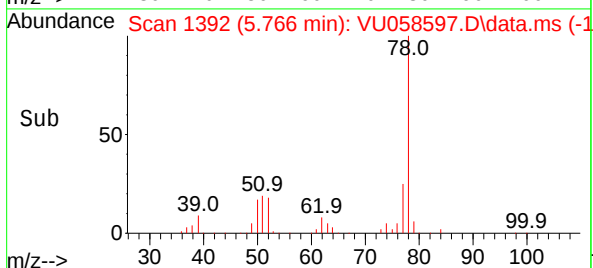
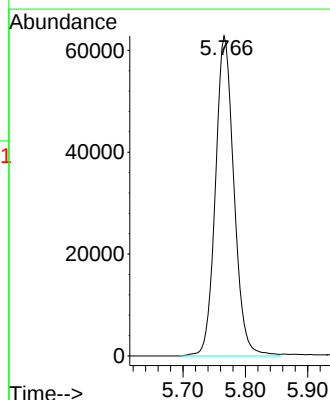
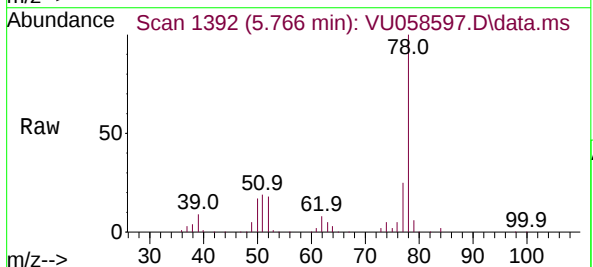
Instrument :
MSVOA_U
ClientSampleId :

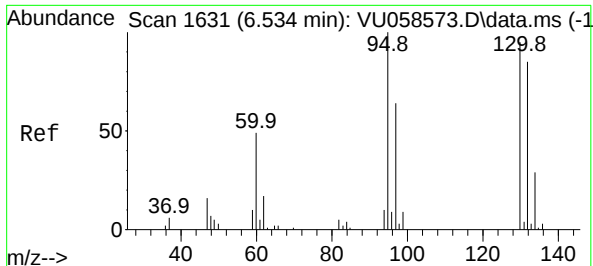
Tgt Ion:117 Resp: 41372
Ion Ratio Lower Upper
117 100
119 96.0 76.7 115.1



#33
Benzene
Concen: 4.554 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VU058597.D
Acq: 11 Apr 2024 09:14

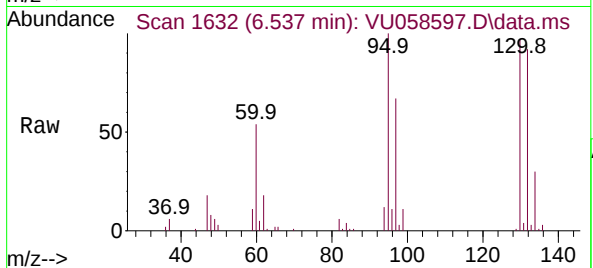
Tgt Ion: 78 Resp: 129871



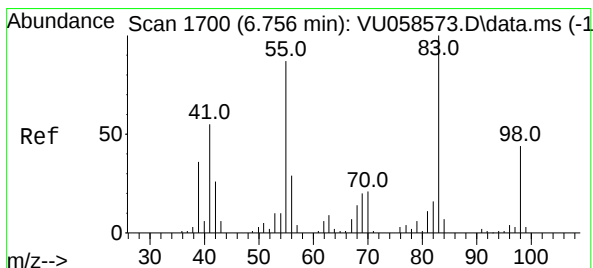
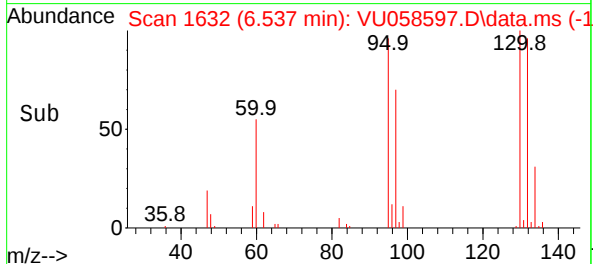
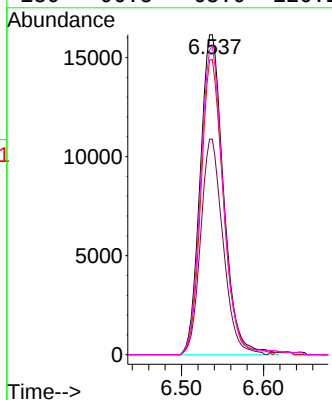


#34
Trichloroethene
Concen: 4.442 ug/L
RT: 6.537 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU058597.D
Acq: 11 Apr 2024 09:14

Instrument :
MSVOA_U
ClientSampleId :

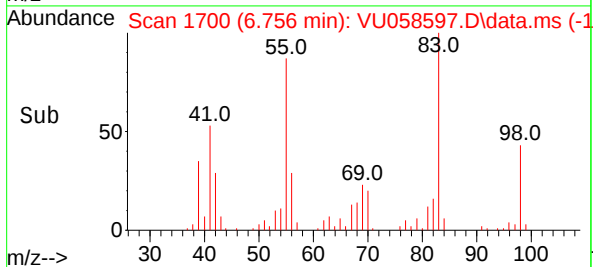
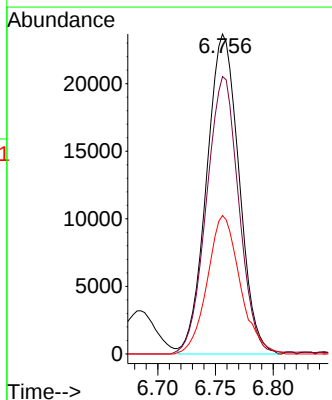
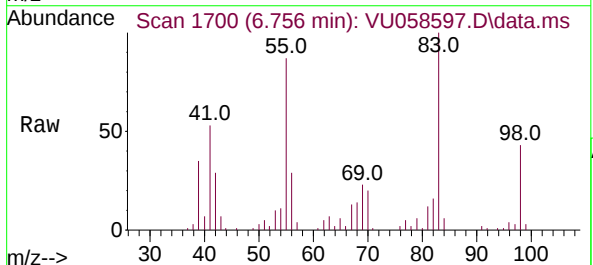


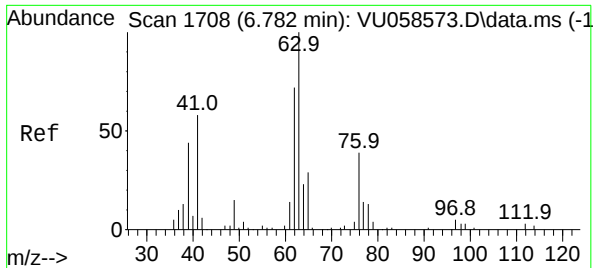
Tgt Ion: 95 Resp: 31934
Ion Ratio Lower Upper
95 100
97 67.4 45.6 84.6
132 92.2 64.8 120.3
130 96.5 68.0 126.2



#35
Methylcyclohexane
Concen: 4.258 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VU058597.D
Acq: 11 Apr 2024 09:14

Tgt Ion: 83 Resp: 46121
Ion Ratio Lower Upper
83 100
55 86.7 66.2 99.4
98 43.7 34.6 52.0

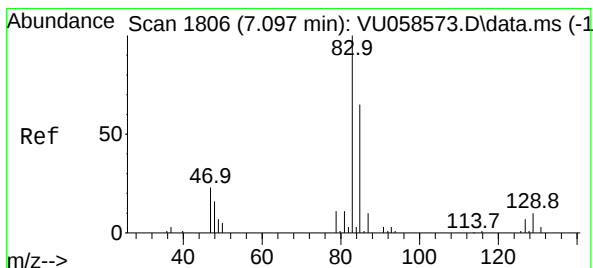
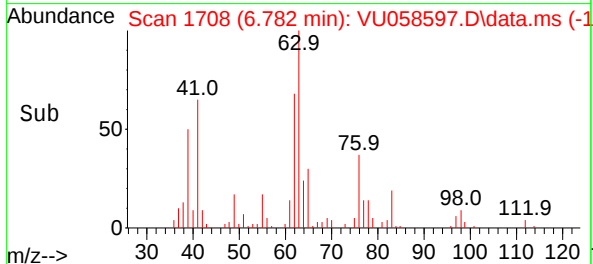
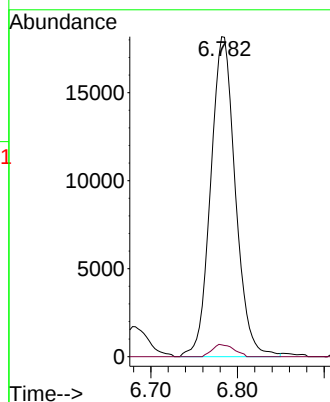
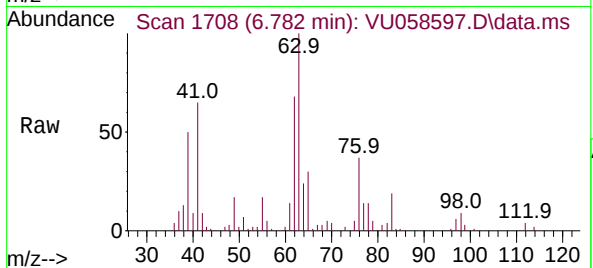




#37
1,2-Dichloropropane
Concen: 4.811 ug/L
RT: 6.782 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU058597.D
Acq: 11 Apr 2024 09:14

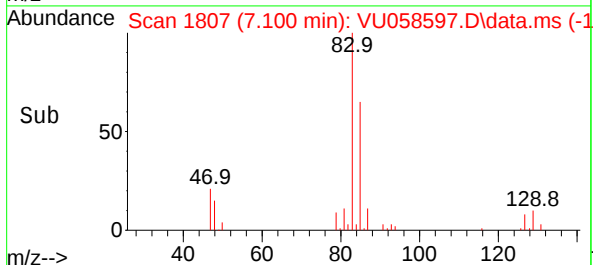
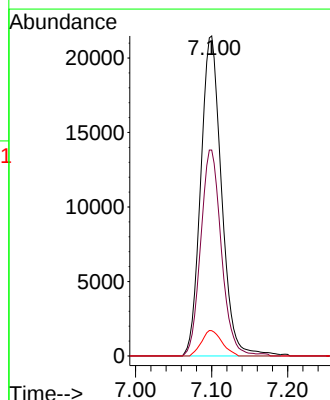
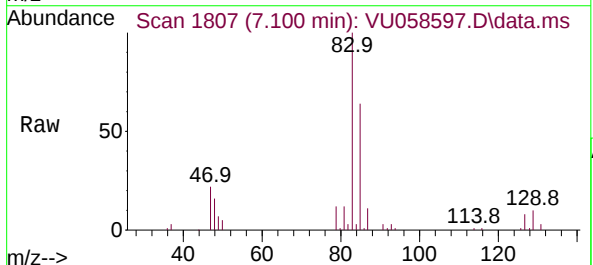
Instrument :
MSVOA_U
ClientSampleId :

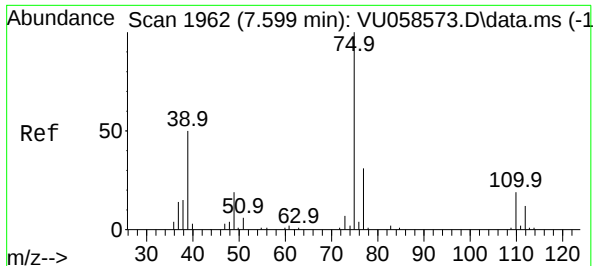
Tgt Ion: 63 Resp: 36097
Ion Ratio Lower Upper
63 100
112 3.4 2.6 4.0



#38
Bromodichloromethane
Concen: 4.770 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. 0.003 min
Lab File: VU058597.D
Acq: 11 Apr 2024 09:14

Tgt Ion: 83 Resp: 40855
Ion Ratio Lower Upper
83 100
85 64.3 44.2 82.2
127 7.9 6.5 9.7

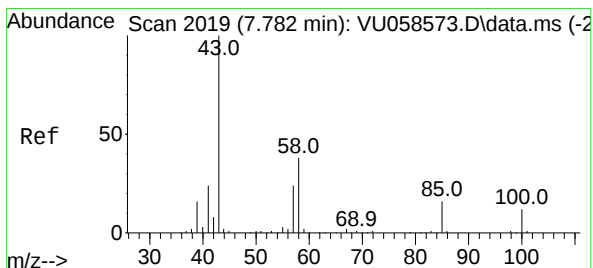
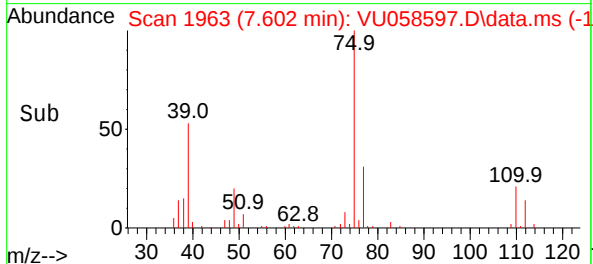
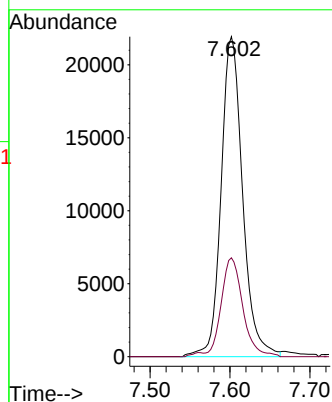
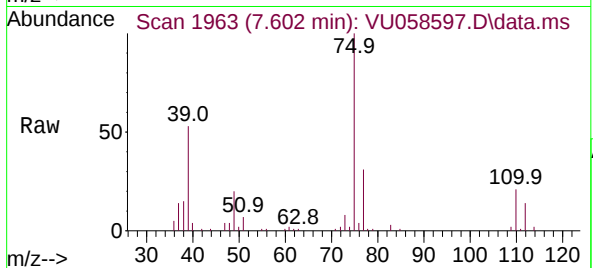




#39
 cis-1,3-Dichloropropene
 Concen: 4.291 ug/L
 RT: 7.602 min Scan# 1962
 Delta R.T. 0.003 min
 Lab File: VU058597.D
 Acq: 11 Apr 2024 09:14

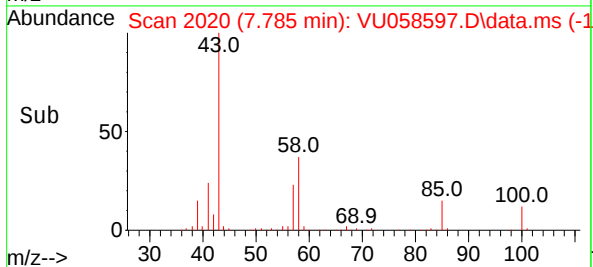
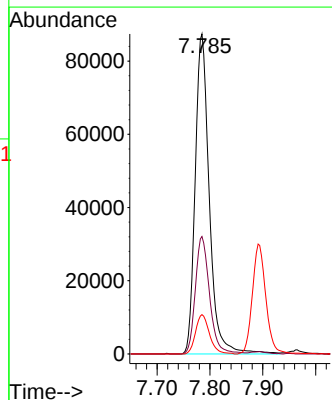
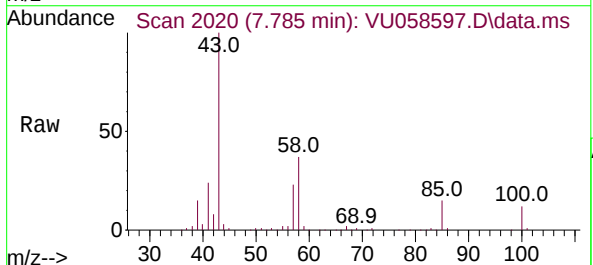
Instrument :
 MSVOA_U
 ClientSampleId :

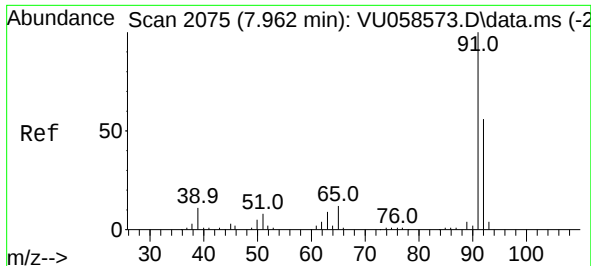
Tgt Ion: 75 Resp: 40936
 Ion Ratio Lower Upper
 75 100
 77 30.9 22.7 42.3



#40
 4-Methyl-2-pentanone
 Concen: 45.924 ug/L
 RT: 7.785 min Scan# 2020
 Delta R.T. 0.003 min
 Lab File: VU058597.D
 Acq: 11 Apr 2024 09:14

Tgt Ion: 43 Resp: 162188
 Ion Ratio Lower Upper
 43 100
 58 37.0 30.4 45.6
 100 12.1 10.3 15.5





#42

Toluene

Concen: 4.546 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU058597.D

Acq: 11 Apr 2024 09:14

Instrument :

MSVOA_U

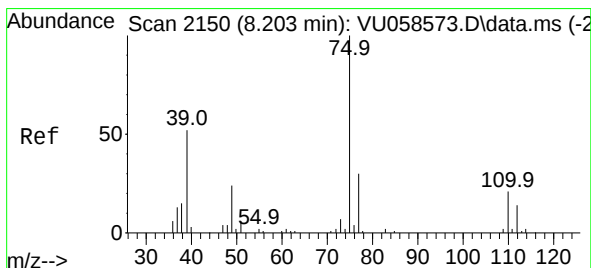
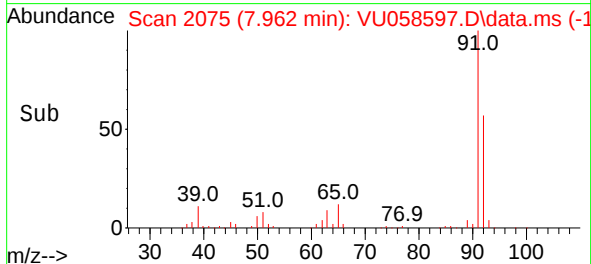
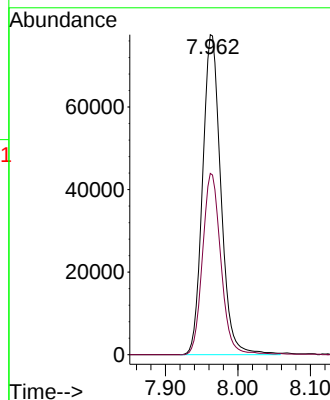
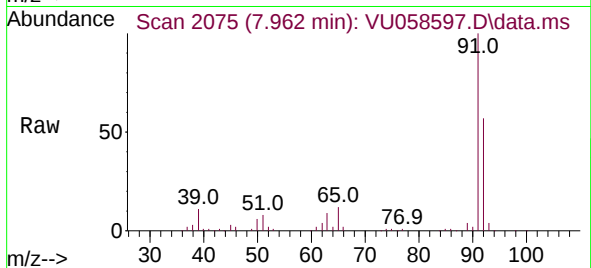
ClientSampleId :

Tgt Ion: 91 Resp: 135975

Ion Ratio Lower Upper

91 100

92 56.6 39.5 73.3



#44

trans-1,3-Dichloropropene

Concen: 4.424 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.003 min

Lab File: VU058597.D

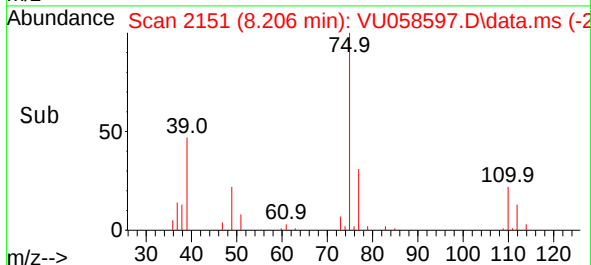
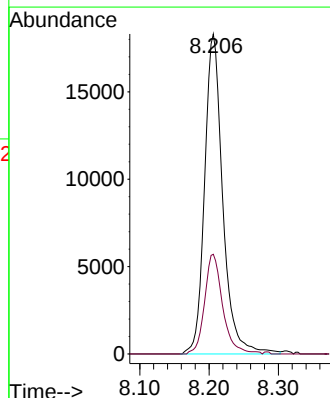
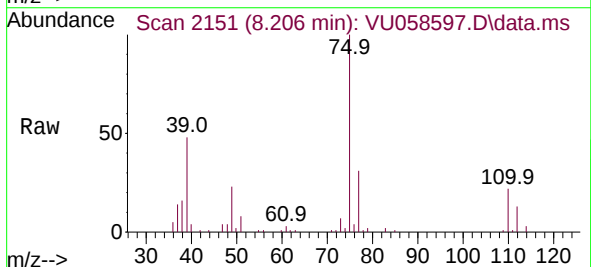
Acq: 11 Apr 2024 09:14

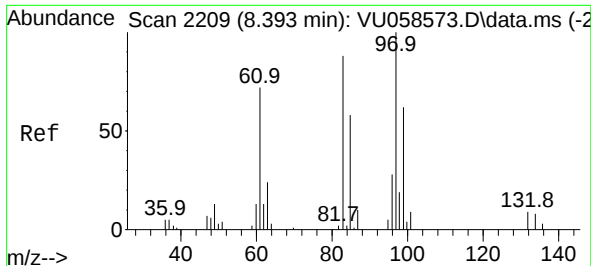
Tgt Ion: 75 Resp: 33286

Ion Ratio Lower Upper

75 100

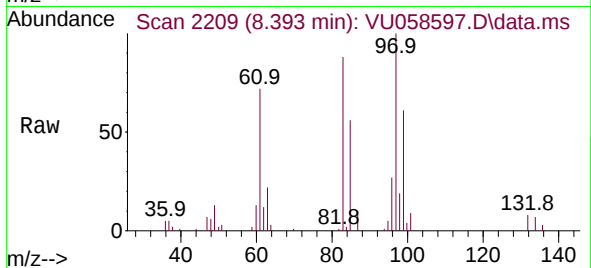
77 31.1 22.2 41.2



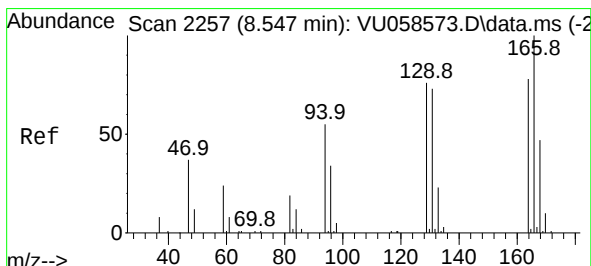
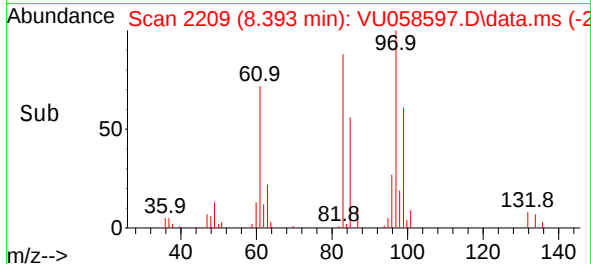
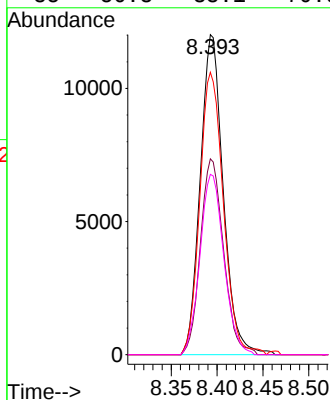


#45
1,1,2-Trichloroethane
Concen: 4.780 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VU058597.D
Acq: 11 Apr 2024 09:14

Instrument :
MSVOA_U
ClientSampleId :

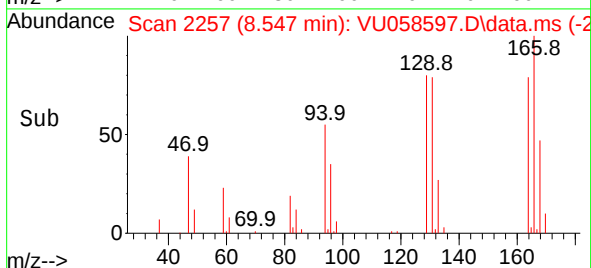
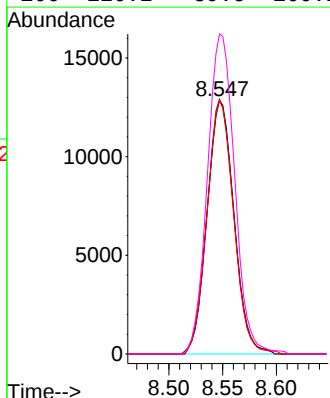
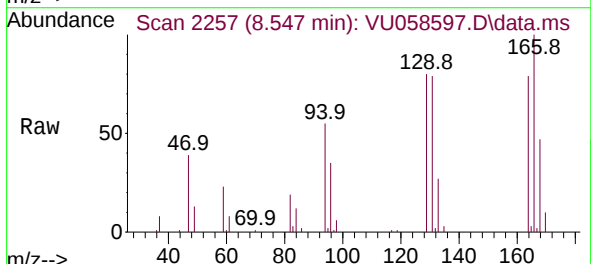


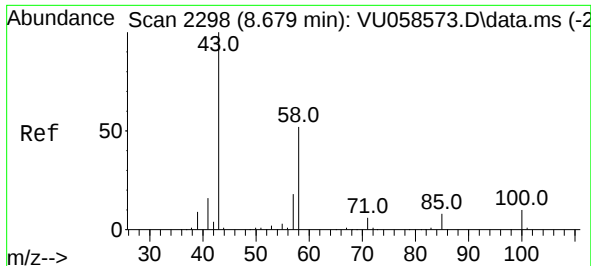
Tgt Ion:	97	Resp:	20946
Ion	Ratio	Lower	Upper
97	100		
99	61.2	43.7	81.1
83	88.2	64.5	119.7
85	56.3	38.1	70.9



#47
Tetrachloroethene
Concen: 4.229 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU058597.D
Acq: 11 Apr 2024 09:14

Tgt Ion:	164	Resp:	22284
Ion	Ratio	Lower	Upper
164	100		
129	100.5	67.3	125.1
131	99.9	65.5	121.6
166	126.2	89.5	166.1





#48

2-Hexanone

Concen: 45.120 ug/L

RT: 8.679 min Scan# 2298

Delta R.T. -0.000 min

Lab File: VU058597.D

Acq: 11 Apr 2024 09:14

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 43 Resp: 113124

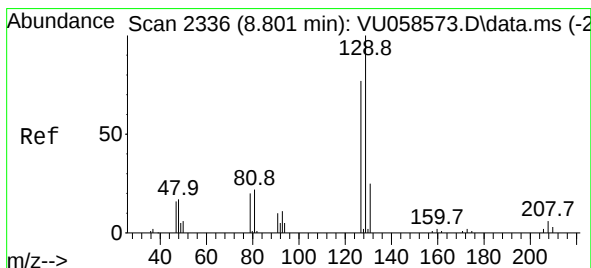
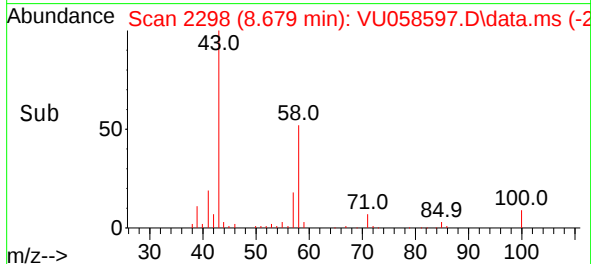
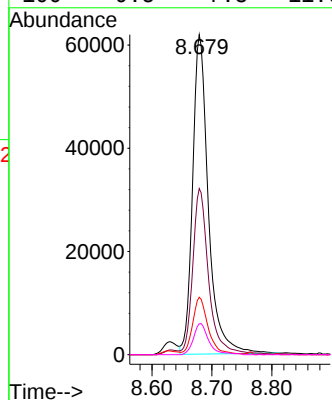
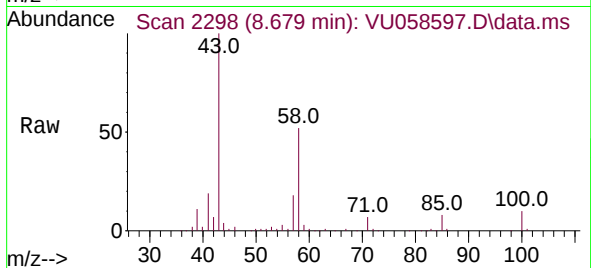
Ion Ratio Lower Upper

43 100

58 52.0 43.2 64.8

57 17.8 15.4 23.0

100 9.5 7.8 11.6



#49

Dibromochloromethane

Concen: 4.578 ug/L

RT: 8.801 min Scan# 2336

Delta R.T. -0.000 min

Lab File: VU058597.D

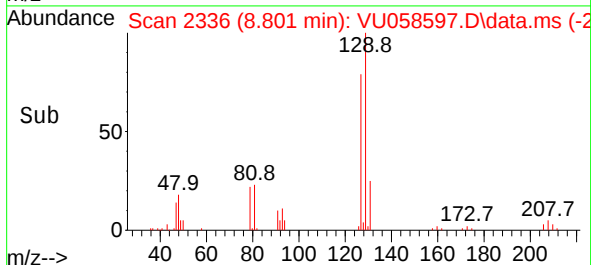
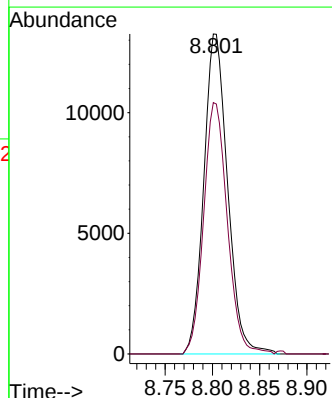
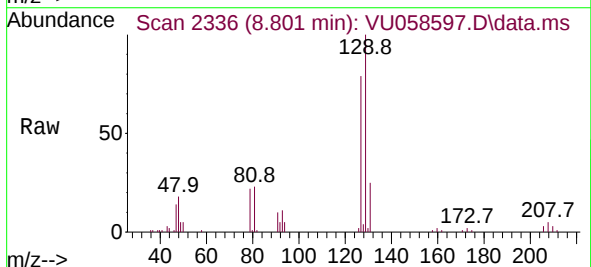
Acq: 11 Apr 2024 09:14

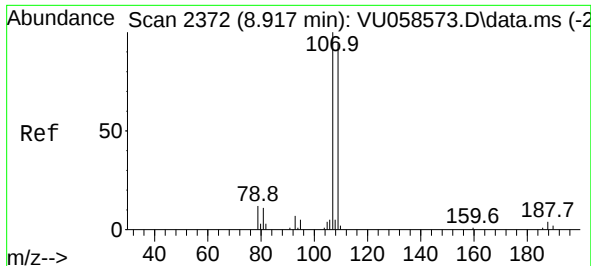
Tgt Ion: 129 Resp: 23194

Ion Ratio Lower Upper

129 100

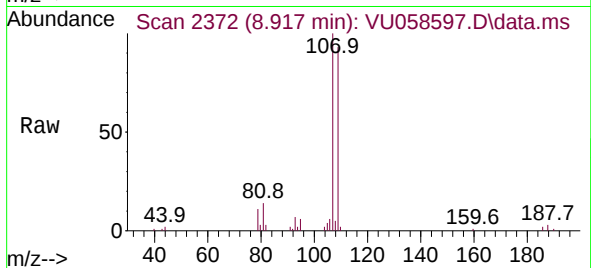
127 78.5 53.5 99.5



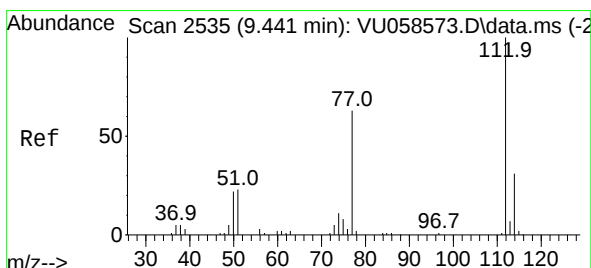
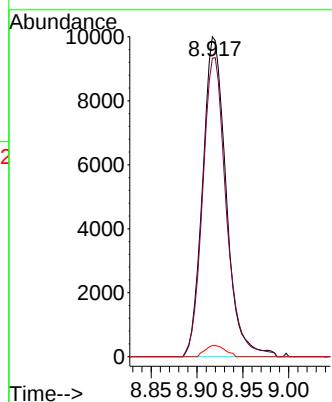
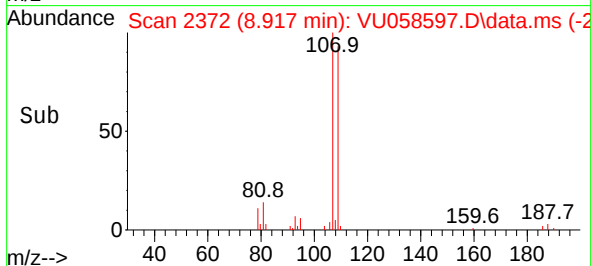


#50
1,2-Dibromoethane
Concen: 4.437 ug/L
RT: 8.917 min Scan# 2372
Delta R.T. -0.000 min
Lab File: VU058597.D
Acq: 11 Apr 2024 09:14

Instrument :
MSVOA_U
ClientSampleId :

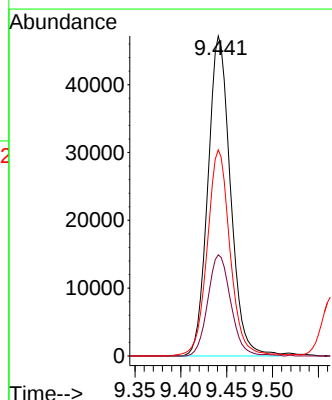
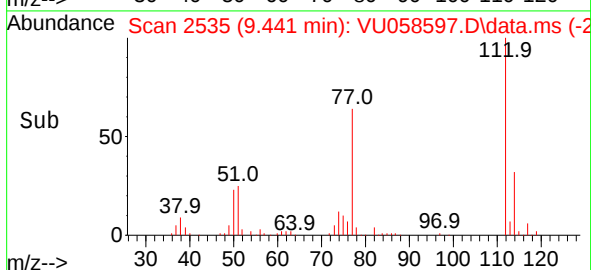
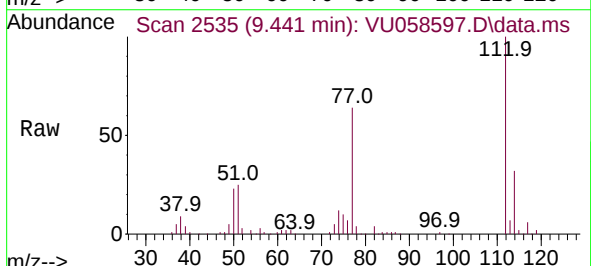


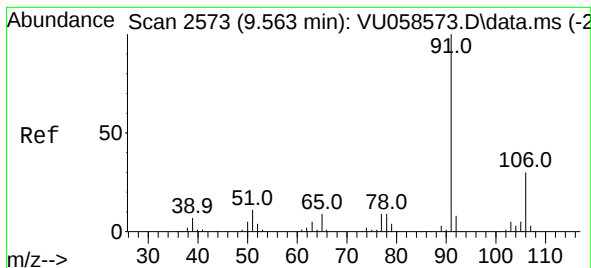
Tgt Ion:107 Resp: 17780
Ion Ratio Lower Upper
107 100
109 93.2 67.3 124.9
188 3.4 2.5 3.7



#51
Chlorobenzene
Concen: 4.462 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. -0.000 min
Lab File: VU058597.D
Acq: 11 Apr 2024 09:14

Tgt Ion:112 Resp: 80754
Ion Ratio Lower Upper
112 100
114 31.6 22.4 41.6
77 64.4 50.1 75.1





#52

Ethylbenzene

Concen: 4.504 ug/L

RT: 9.563 min Scan# 2573

Delta R.T. -0.000 min

Lab File: VU058597.D

Acq: 11 Apr 2024 09:14

Instrument :

MSVOA_U

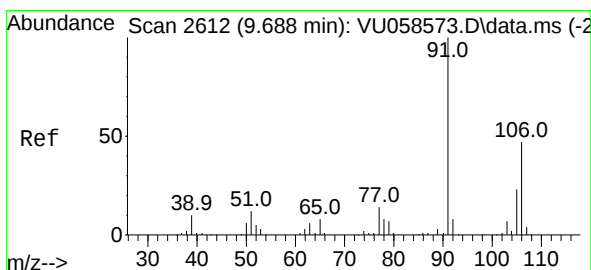
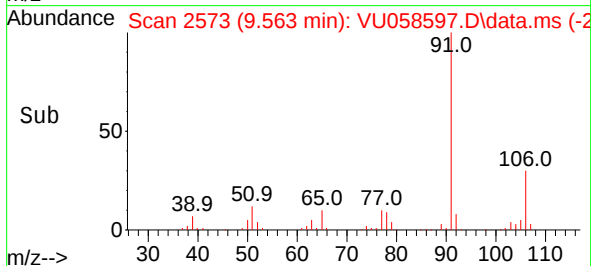
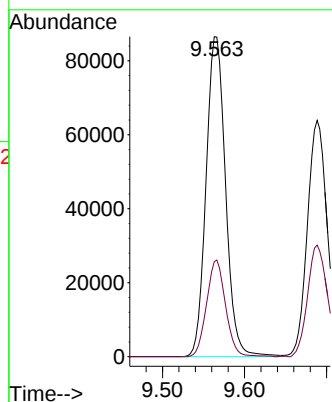
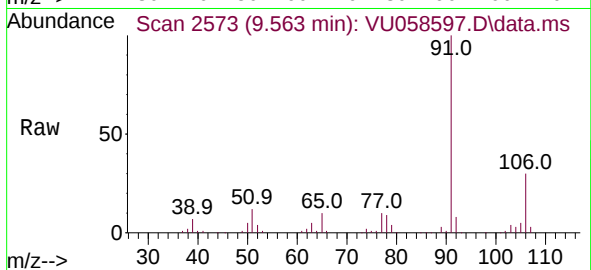
ClientSampleId :

Tgt Ion: 91 Resp: 142741

Ion Ratio Lower Upper

91 100

106 29.7 20.6 38.4



#53

m,p-Xylene

Concen: 4.539 ug/L

RT: 9.688 min Scan# 2612

Delta R.T. -0.000 min

Lab File: VU058597.D

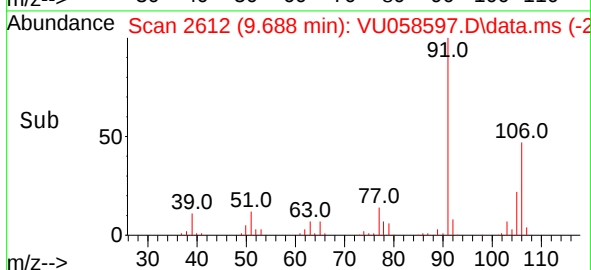
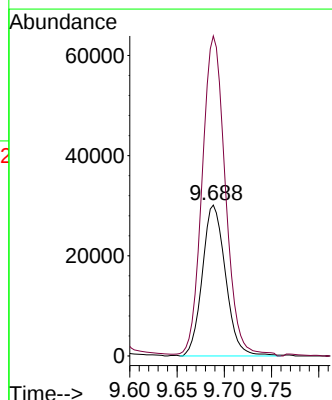
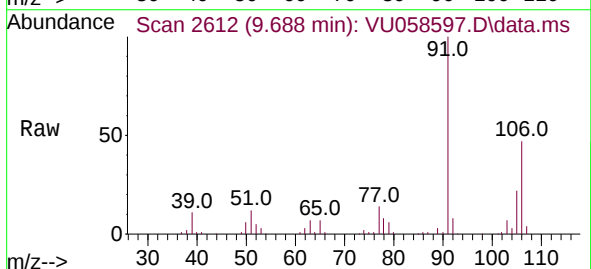
Acq: 11 Apr 2024 09:14

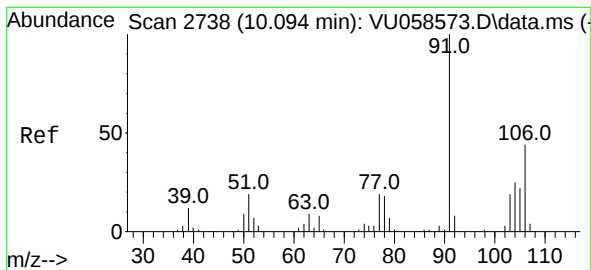
Tgt Ion:106 Resp: 51511

Ion Ratio Lower Upper

106 100

91 212.0 147.8 274.4





#54

o-Xylene

Concen: 4.577 ug/L

RT: 10.094 min Scan# 2738

Delta R.T. -0.000 min

Lab File: VU058597.D

Acq: 11 Apr 2024 09:14

Instrument :

MSVOA_U

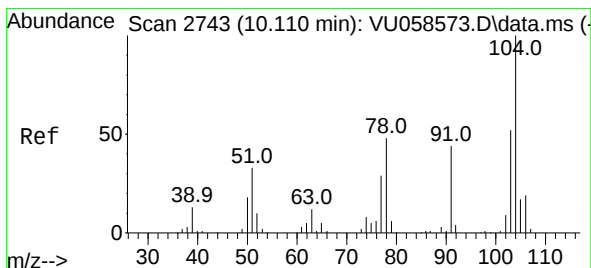
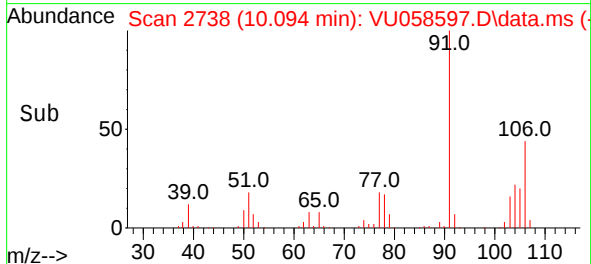
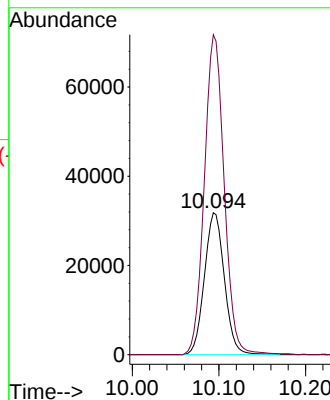
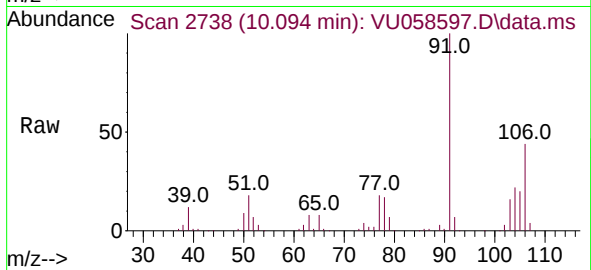
ClientSampleId :

Tgt Ion:106 Resp: 50923

Ion Ratio Lower Upper

106 100

91 225.4 156.9 291.5



#55

Styrene

Concen: 4.613 ug/L

RT: 10.110 min Scan# 2743

Delta R.T. -0.000 min

Lab File: VU058597.D

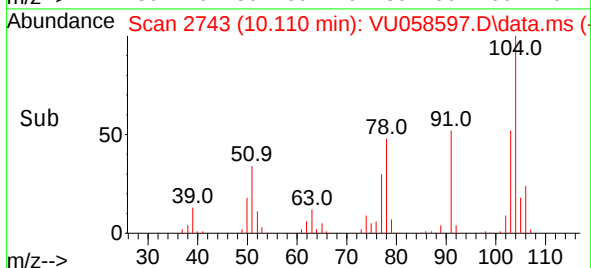
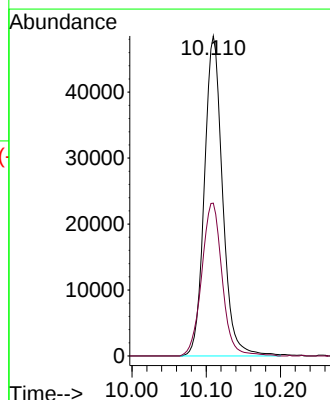
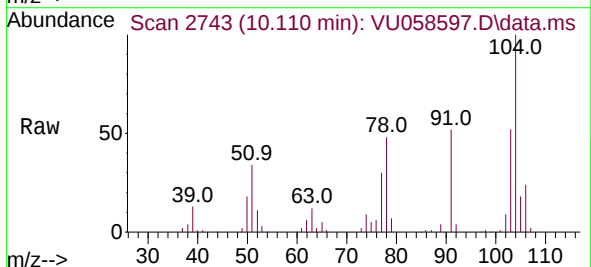
Acq: 11 Apr 2024 09:14

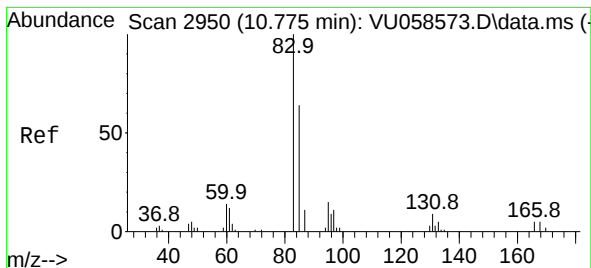
Tgt Ion:104 Resp: 82567

Ion Ratio Lower Upper

104 100

78 47.7 33.9 63.0





#57

1,1,2,2-Tetrachloroethane

Concen: 4.606 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU058597.D

Acq: 11 Apr 2024 09:14

Instrument :

MSVOA_U

ClientSampleId :

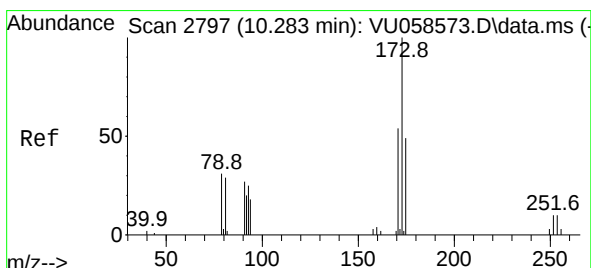
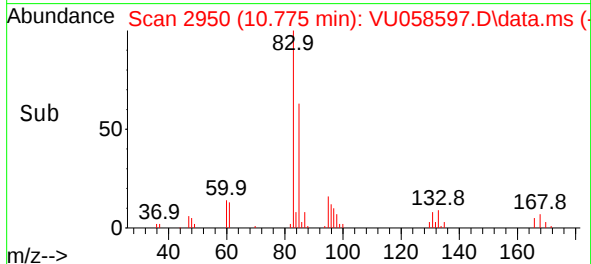
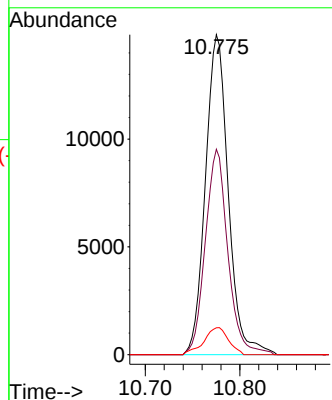
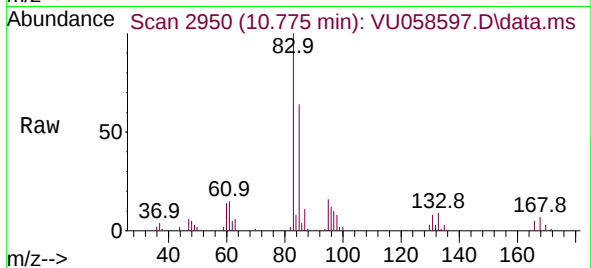
Tgt Ion: 83 Resp: 24895

Ion Ratio Lower Upper

83 100

85 64.2 45.1 83.7

131 8.4 6.9 10.3



#59

Bromoform

Concen: 4.665 ug/L

RT: 10.286 min Scan# 2798

Delta R.T. 0.003 min

Lab File: VU058597.D

Acq: 11 Apr 2024 09:14

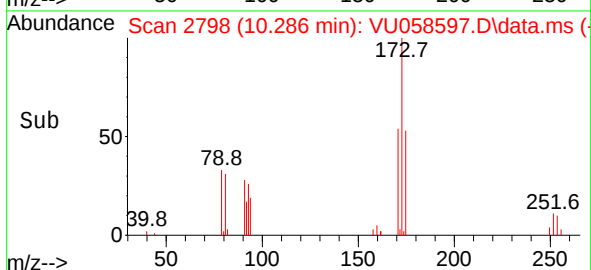
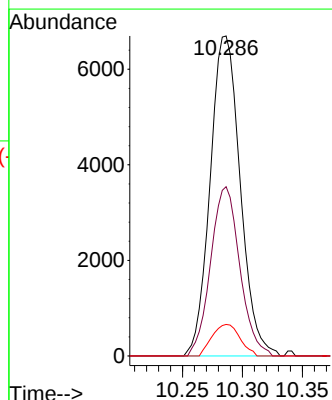
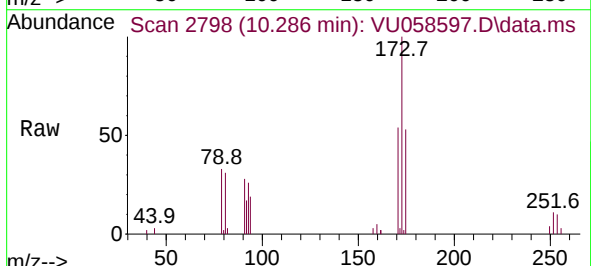
Tgt Ion:173 Resp: 11676

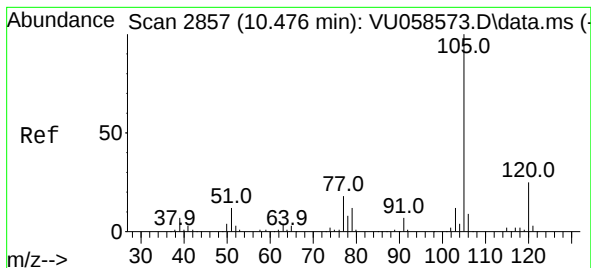
Ion Ratio Lower Upper

173 100

175 51.2 38.0 57.0

254 9.1 7.5 11.3





#60

Isopropylbenzene

Concen: 4.770 ug/L

RT: 10.479 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU058597.D

Acq: 11 Apr 2024 09:14

Instrument :

MSVOA_U

ClientSampleId :

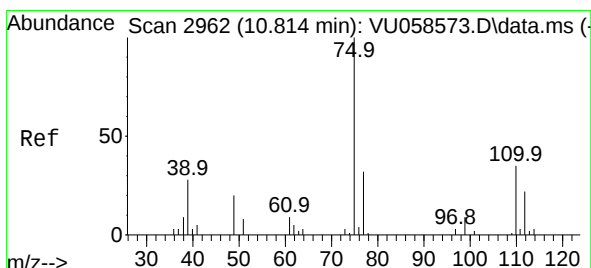
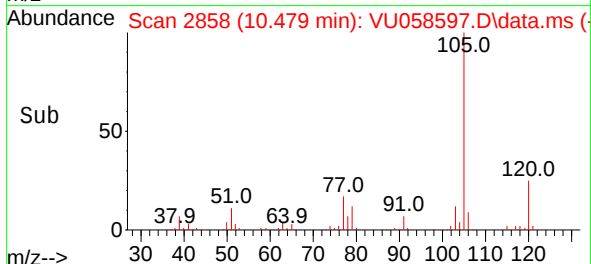
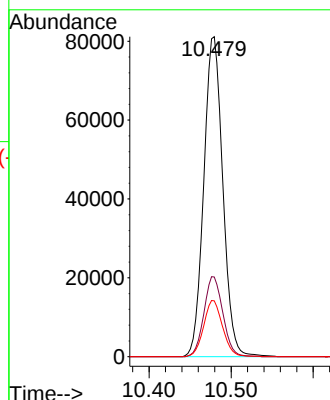
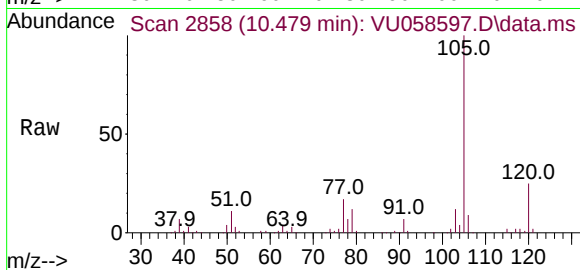
Tgt Ion:105 Resp: 130808

Ion Ratio Lower Upper

105 100

120 24.9 20.2 30.4

77 17.5 13.5 20.3



#61

1,2,3-Trichloropropane

Concen: 4.683 ug/L

RT: 10.817 min Scan# 2963

Delta R.T. 0.003 min

Lab File: VU058597.D

Acq: 11 Apr 2024 09:14

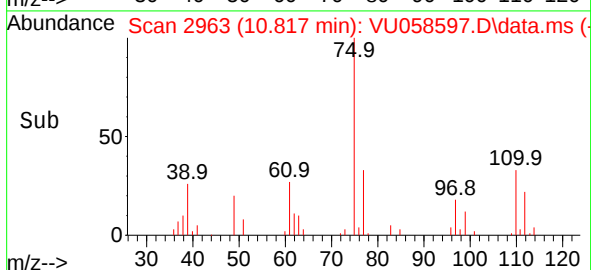
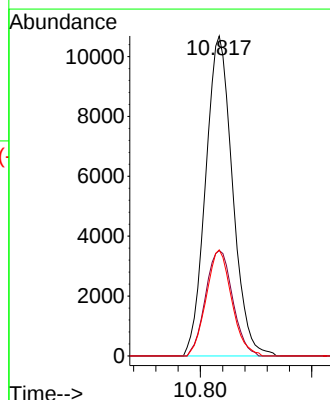
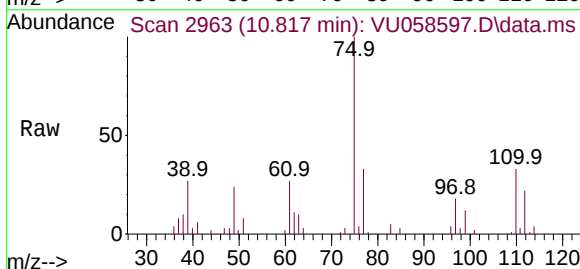
Tgt Ion: 75 Resp: 17900

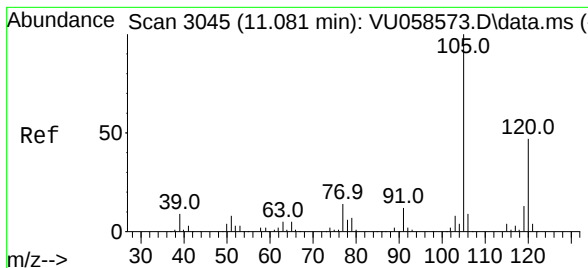
Ion Ratio Lower Upper

75 100

110 33.2 25.8 38.6

77 31.4 25.1 37.7





#62

1,3,5-Trimethylbenzene

Concen: 4.603 ug/L

RT: 11.084 min Scan# 3045

Delta R.T. 0.003 min

Lab File: VU058597.D

Acq: 11 Apr 2024 09:14

Instrument :

MSVOA_U

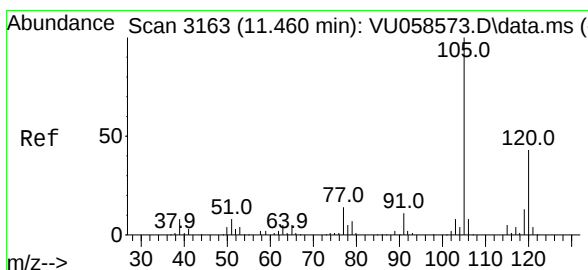
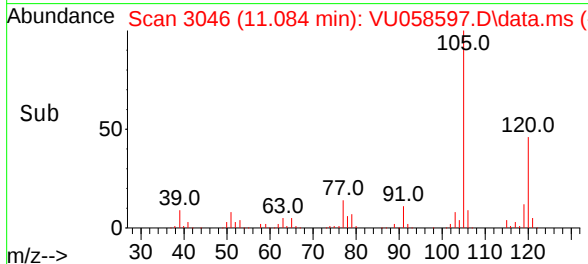
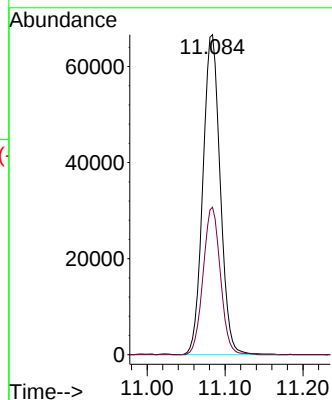
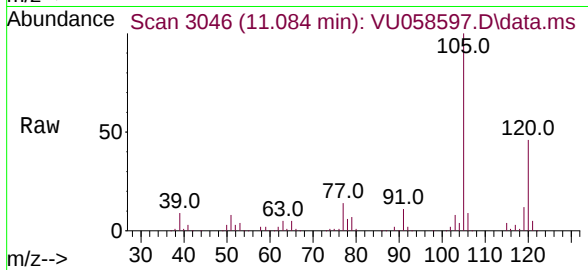
ClientSampleId :

Tgt Ion:105 Resp: 102949

Ion Ratio Lower Upper

105 100

120 46.0 37.2 55.8



#63

1,2,4-Trimethylbenzene

Concen: 4.613 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. 0.003 min

Lab File: VU058597.D

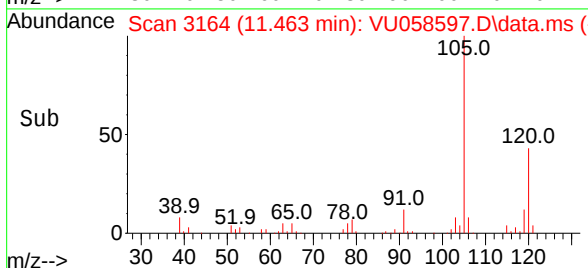
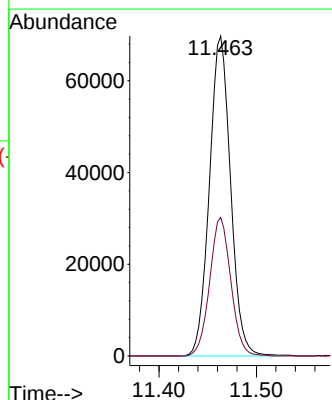
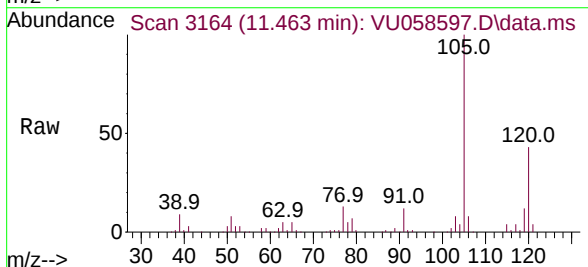
Acq: 11 Apr 2024 09:14

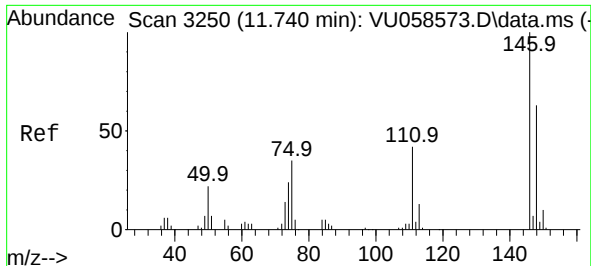
Tgt Ion:105 Resp: 105336

Ion Ratio Lower Upper

105 100

120 43.2 34.7 52.1





#64

1,3-Dichlorobenzene

Concen: 4.491 ug/L

RT: 11.740 min Scan# 3250

Delta R.T. -0.000 min

Lab File: VU058597.D

Acq: 11 Apr 2024 09:14

Instrument :

MSVOA_U

ClientSampleId :

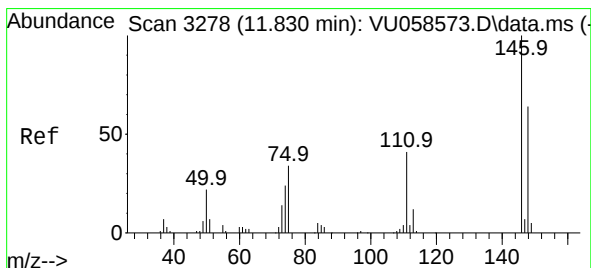
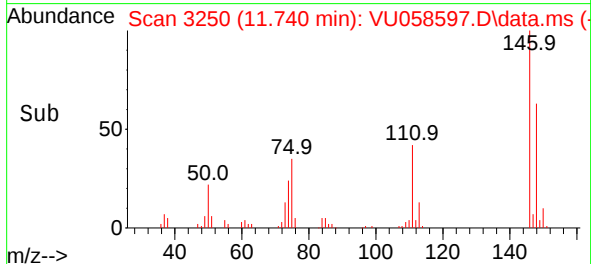
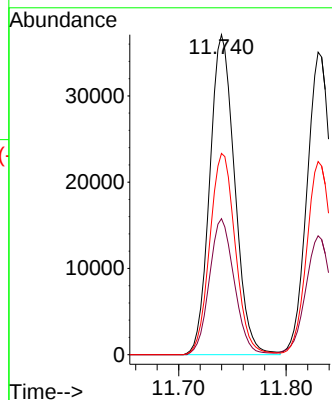
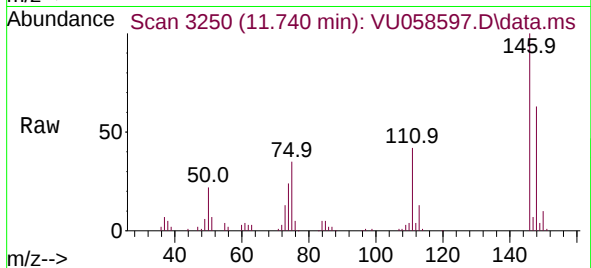
Tgt Ion:146 Resp: 59823

Ion Ratio Lower Upper

146 100

111 42.5 28.8 53.4

148 62.9 44.9 83.3



#65

1,4-Dichlorobenzene

Concen: 4.446 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. -0.000 min

Lab File: VU058597.D

Acq: 11 Apr 2024 09:14

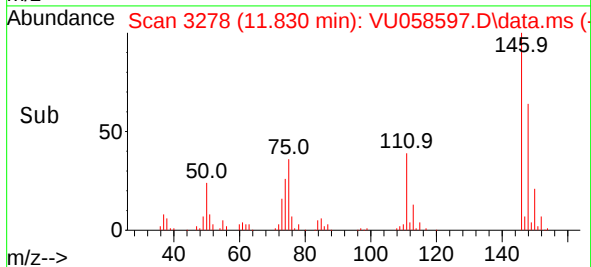
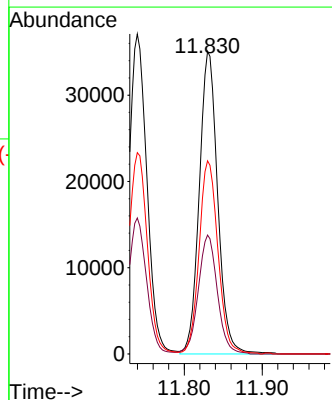
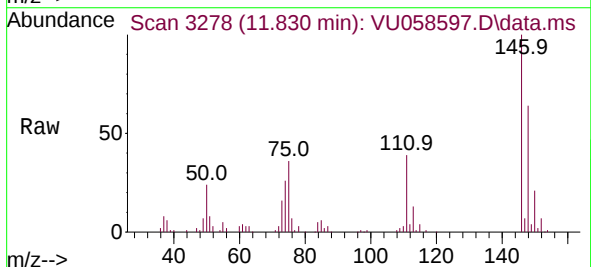
Tgt Ion:146 Resp: 57698

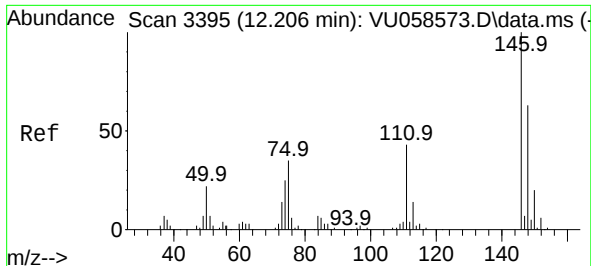
Ion Ratio Lower Upper

146 100

111 39.3 28.8 53.6

148 63.8 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 4.433 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. -0.000 min

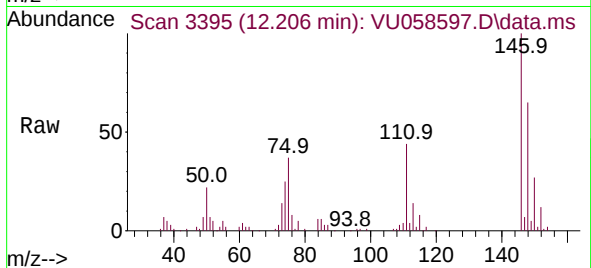
Lab File: VU058597.D

Acq: 11 Apr 2024 09:14

Instrument :

MSVOA_U

ClientSampleId :



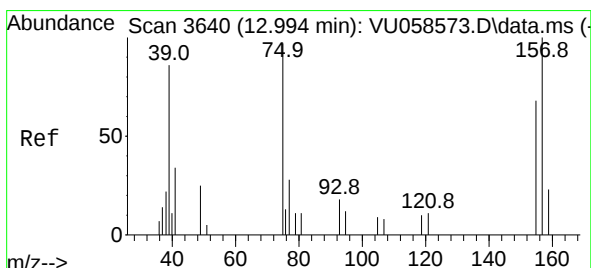
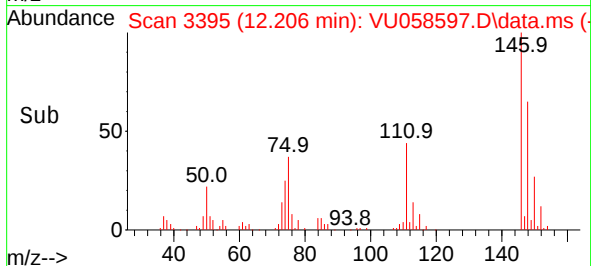
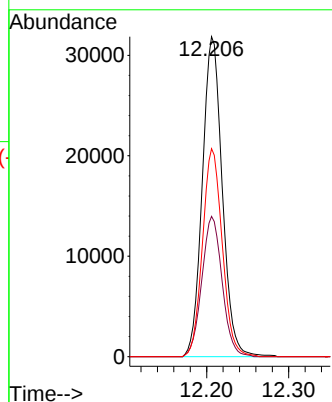
Tgt Ion:146 Resp: 53715

Ion Ratio Lower Upper

146 100

111 43.9 35.0 52.4

148 65.0 52.5 78.7



#68

1,2-Dibromo-3-chloropropane

Concen: 4.903 ug/L

RT: 12.990 min Scan# 3639

Delta R.T. -0.003 min

Lab File: VU058597.D

Acq: 11 Apr 2024 09:14

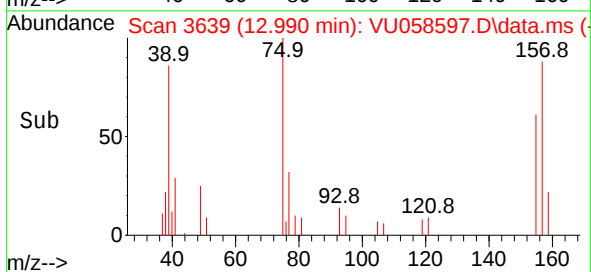
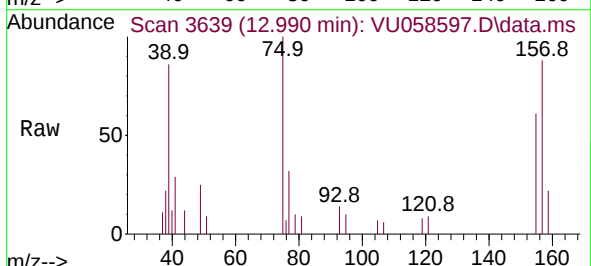
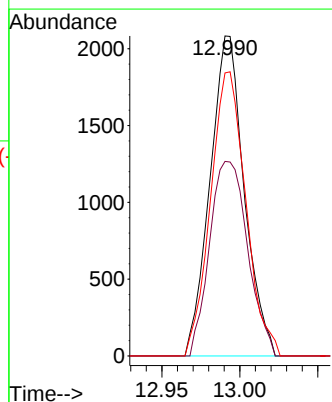
Tgt Ion: 75 Resp: 3178

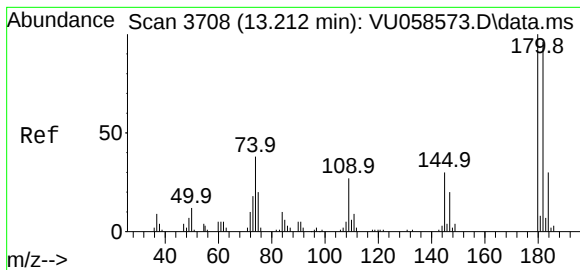
Ion Ratio Lower Upper

75 100

155 60.8 61.4 92.0#

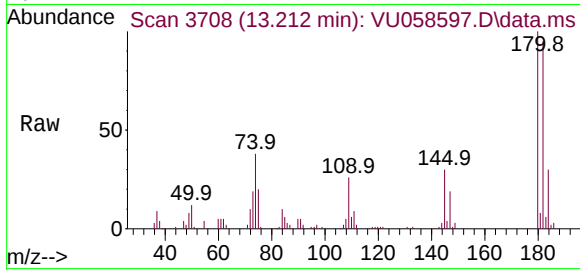
157 88.4 81.7 122.5



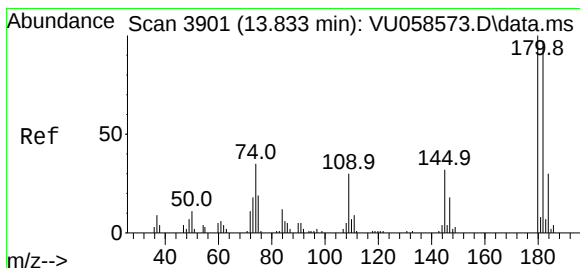
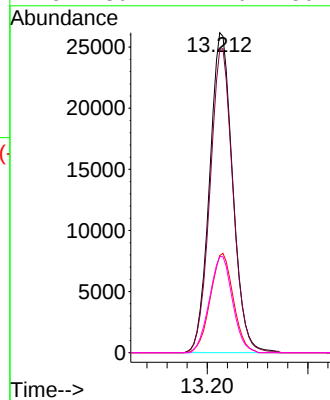
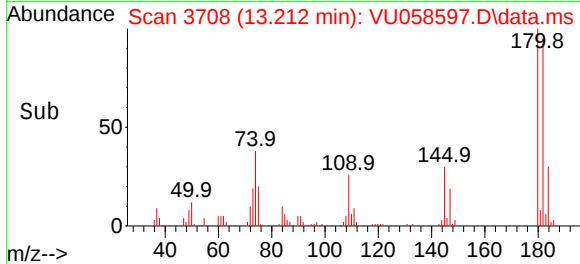


#69
 1,3,5-Trichlorobenzene
 Concen: 4.223 ug/L
 RT: 13.212 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU058597.D
 Acq: 11 Apr 2024 09:14

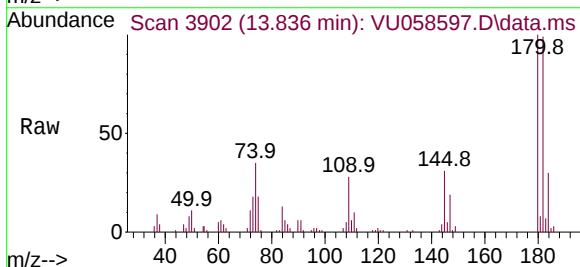
Instrument :
 MSVOA_U
 ClientSampleId :



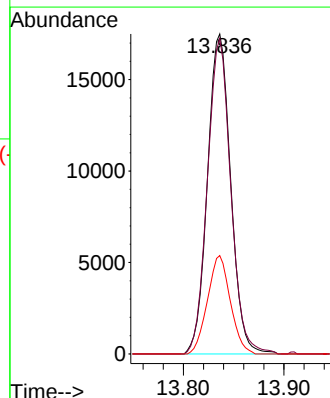
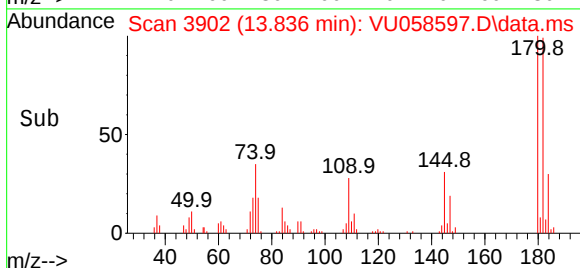
Tgt Ion:180 Resp: 41599
 Ion Ratio Lower Upper
 180 100
 182 94.7 75.7 113.5
 184 30.9 24.3 36.5
 145 30.1 24.0 36.0

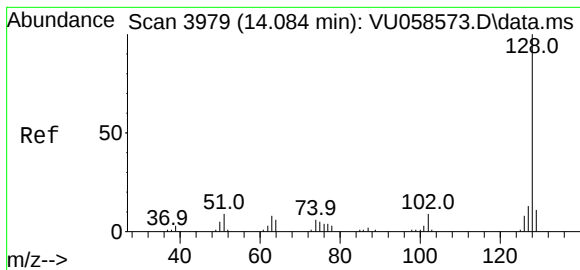


#70
 1,2,4-trichlorobenzene
 Concen: 3.693 ug/L
 RT: 13.836 min Scan# 3902
 Delta R.T. 0.003 min
 Lab File: VU058597.D
 Acq: 11 Apr 2024 09:14



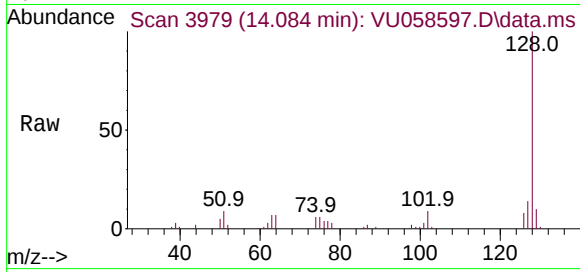
Tgt Ion:180 Resp: 28053
 Ion Ratio Lower Upper
 180 100
 182 99.1 74.4 111.6
 145 30.2 24.1 36.1



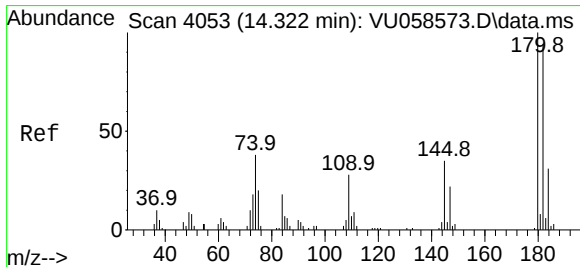
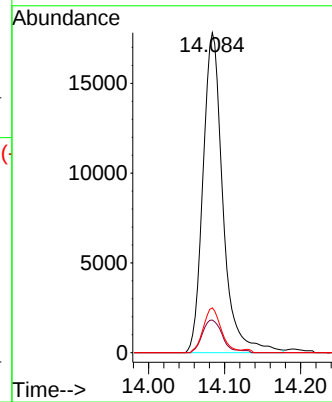
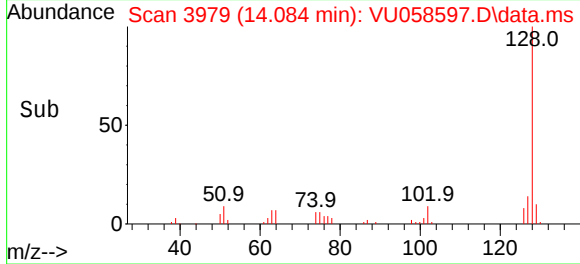


#71
Naphthalene
Concen: 3.114 ug/L
RT: 14.084 min Scan# 3979
Delta R.T. -0.000 min
Lab File: VU058597.D
Acq: 11 Apr 2024 09:14

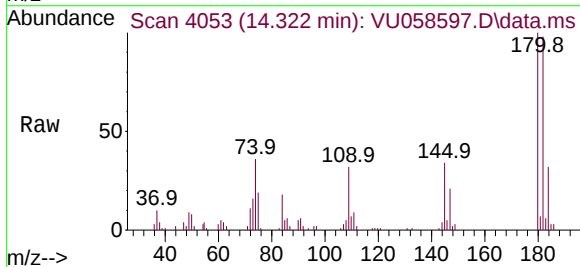
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 32413
Ion Ratio Lower Upper
128 100
129 10.4 8.6 13.0
127 12.6 11.0 16.6



#72
1,2,3-Trichlorobenzene
Concen: 3.773 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VU058597.D
Acq: 11 Apr 2024 09:14



Tgt Ion:180 Resp: 23666
Ion Ratio Lower Upper
180 100
182 95.7 75.9 113.9
145 32.8 25.2 37.8

