

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112923\
 Data File : VU056639.D
 Acq On : 29 Nov 2023 14:23
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 29 23:30:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 29 23:29:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	289097	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	285339	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.808	152	140564	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	94498	4.370	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.400%
7) Chloroethane-d5	1.911	69	76424	4.610	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.200%
11) 1,1-Dichloroethene-d2	2.564	65	42596	4.464	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.200%
20) 2-Butanone-d5	4.625	46	244167	56.628	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.260%
24) Chloroform-d	5.059	84	203062	4.855	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
26) 1,2-Dichloroethane-d4	5.695	65	97440	5.042	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.800%
32) Benzene-d6	5.721	84	370489	4.358	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.200%
36) 1,2-Dichloropropane-d6	6.686	67	117275	4.577	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.600%
41) Toluene-d8	7.895	98	323426	4.308	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.200%
43) trans-1,3-Dichloroprop...	8.174	79	46241	4.706	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.200%
46) 2-Hexanone-d5	8.631	63	190203	49.254	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.500%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	91084	4.975	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	112181	4.320	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	91862	4.010	ug/L	96
3) Chloromethane	1.515	50	97928	4.184	ug/L	97
5) Vinyl chloride	1.602	62	97896	4.341	ug/L	99
6) Bromomethane	1.856	94	53537	4.690	ug/L	96
8) Chloroethane	1.930	64	61006	4.428	ug/L	99
9) Trichlorofluoromethane	2.136	101	151949	4.675	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	95993	4.975	ug/L	99
12) 1,1-Dichloroethene	2.576	96	83687	4.729	ug/L	92
13) Acetone	2.638	43	161918	44.091	ug/L	99
14) Carbon disulfide	2.789	76	209446	3.637	ug/L	100
15) Methyl Acetate	2.949	43	32246	4.934	ug/L	100
16) Methylene chloride	3.039	84	106779	4.559	ug/L	97
17) Methyl tert-butyl Ether	3.355	73	219655	5.109	ug/L	100
18) trans-1,2-Dichloroethene	3.348	96	85913	4.718	ug/L	98
19) 1,1-Dichloroethane	3.863	63	180905	5.016	ug/L	98
21) 2-Butanone	4.708	43	224105	47.029	ug/L	97
22) cis-1,2-Dichloroethene	4.660	96	102088	4.944	ug/L	98
23) Bromochloromethane	4.969	128	43599	5.130	ug/L	96
25) Chloroform	5.081	83	197318	5.049	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112923\
 Data File : VU056639.D
 Acq On : 29 Nov 2023 14:23
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

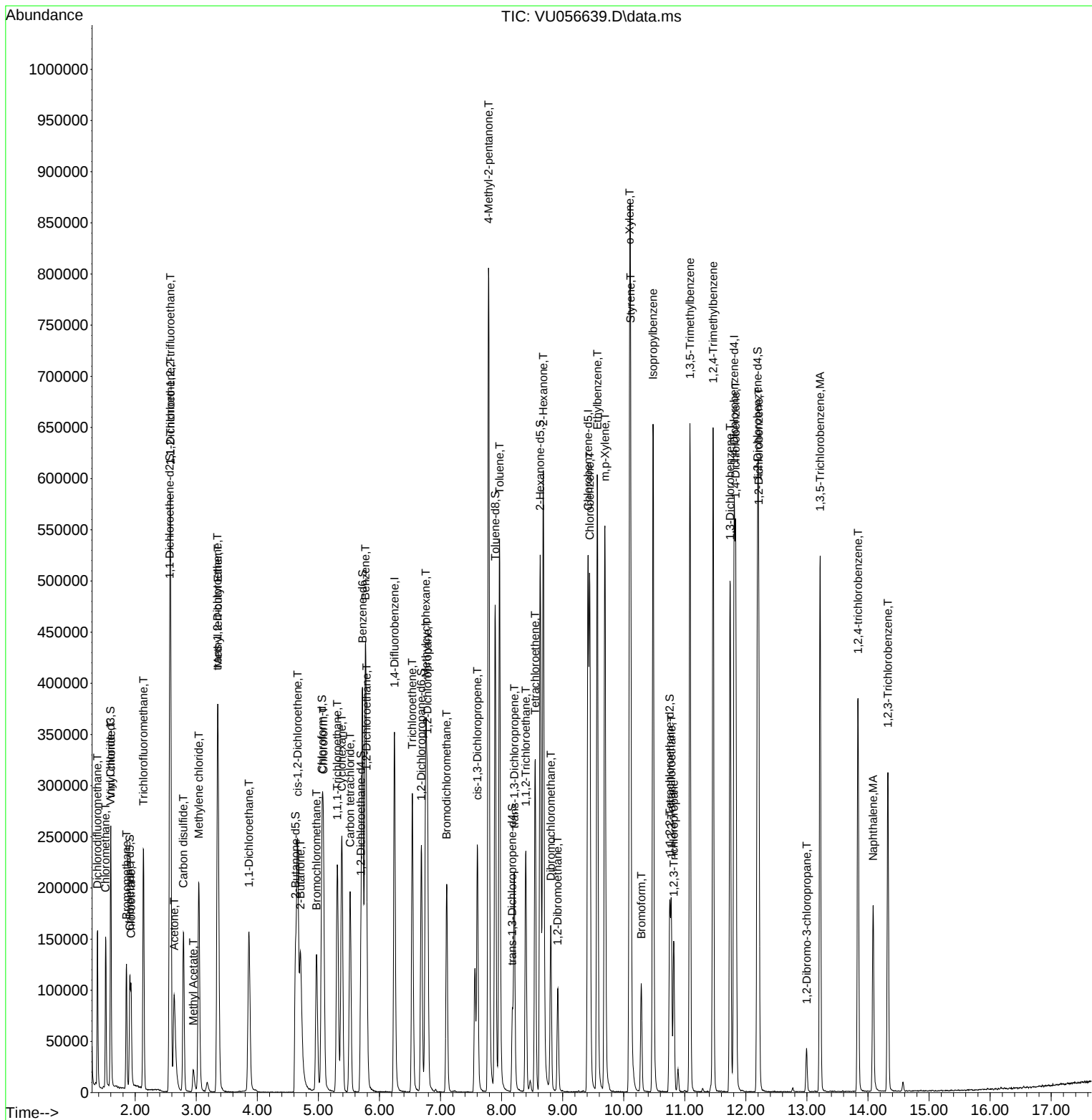
Instrument :
 MSVOA_U
 ClientSampleId :

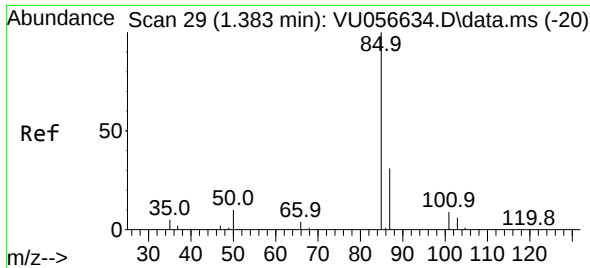
Quant Time: Nov 29 23:30:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 29 23:29:11 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.789	62	114849	5.176	ug/L	98
29) 1,1,1-Trichloroethane	5.309	97	166473	5.083	ug/L	100
30) Cyclohexane	5.383	56	122375	3.937	ug/L	99
31) Carbon tetrachloride	5.518	117	133898	4.760	ug/L	100
33) Benzene	5.769	78	388973	4.778	ug/L	100
34) Trichloroethene	6.538	95	103564	4.669	ug/L	97
35) Methylcyclohexane	6.760	83	131265	4.099	ug/L	96
37) 1,2-Dichloropropane	6.785	63	106246	5.004	ug/L	100
38) Bromodichloromethane	7.100	83	138484	5.052	ug/L	96
39) cis-1,3-Dichloropropene	7.602	75	148753	4.768	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	528474	50.212	ug/L	100
42) Toluene	7.965	91	408310	4.844	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	124243	4.995	ug/L	98
45) 1,1,2-Trichloroethane	8.396	97	72778	5.147	ug/L	96
47) Tetrachloroethene	8.551	164	72785	4.866	ug/L	98
48) 2-Hexanone	8.682	43	389431	47.495	ug/L	98
49) Dibromochloromethane	8.805	129	83403	5.187	ug/L	99
50) 1,2-Dibromoethane	8.917	107	68096	5.101	ug/L	99
51) Chlorobenzene	9.444	112	265329	4.899	ug/L	98
52) Ethylbenzene	9.567	91	443901	4.742	ug/L	99
53) m,p-Xylene	9.692	106	164451	4.779	ug/L	96
54) o-Xylene	10.097	106	161141	4.821	ug/L	99
55) Styrene	10.113	104	276578	4.975	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.779	83	89036	5.157	ug/L	96
59) Bromoform	10.287	173	46501	5.311	ug/L	98
60) Isopropylbenzene	10.480	105	441732	4.873	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	62981	5.222	ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	359041	4.824	ug/L	99
63) 1,2,4-Trimethylbenzene	11.464	105	360954	4.913	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	206539	5.009	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	202063	4.885	ug/L	99
67) 1,2-Dichlorobenzene	12.210	146	188935	4.994	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.994	75	12189	4.732	ug/L	95
69) 1,3,5-Trichlorobenzene	13.216	180	153400	4.941	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	115040	4.549	ug/L	98
71) Naphthalene	14.084	128	152105	3.981	ug/L	98
72) 1,2,3-Trichlorobenzene	14.325	180	93493	4.488	ug/L	96

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

Quant Time: Nov 29 23:30:40 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 29 23:29:11 2023
Response via : Initial Calibration

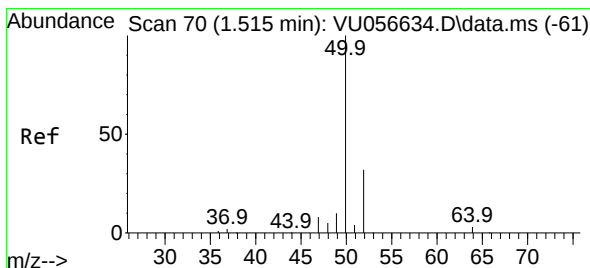
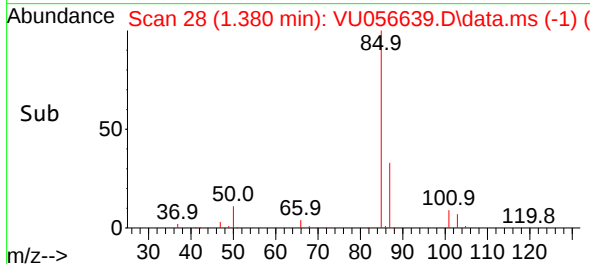
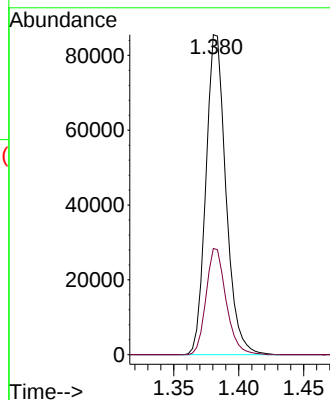
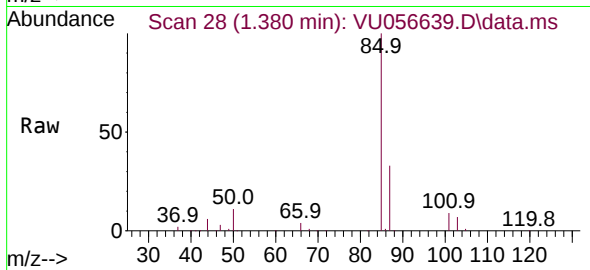




#2
 Dichlorodifluoromethane
 Concen: 4.010 ug/L
 RT: 1.380 min Scan# 29
 Delta R.T. -0.003 min
 Lab File: VU056639.D
 Acq: 29 Nov 2023 14:23

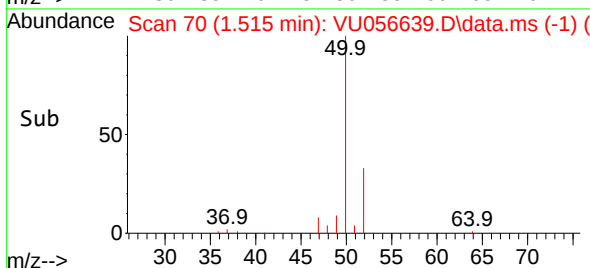
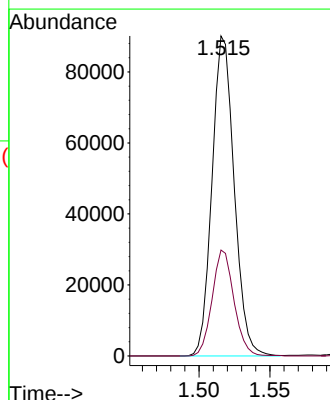
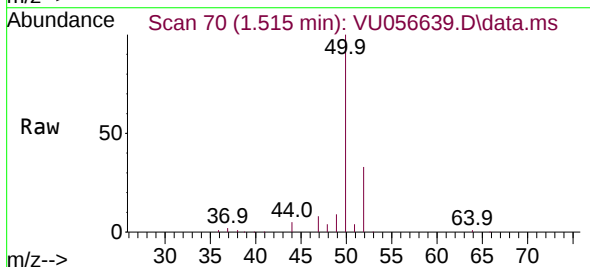
Instrument :
 MSVOA_U
 ClientSampleId :

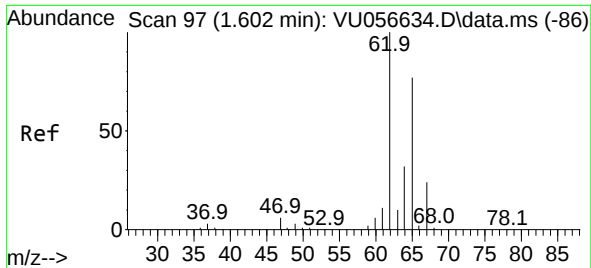
Tgt Ion: 85 Resp: 91862
 Ion Ratio Lower Upper
 85 100
 87 33.2 25.0 37.4



#3
 Chloromethane
 Concen: 4.184 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VU056639.D
 Acq: 29 Nov 2023 14:23

Tgt Ion: 50 Resp: 97928
 Ion Ratio Lower Upper
 50 100
 52 33.1 24.3 45.1

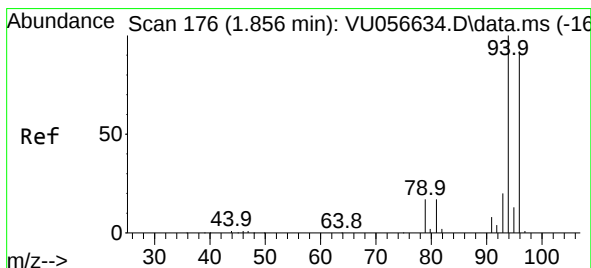
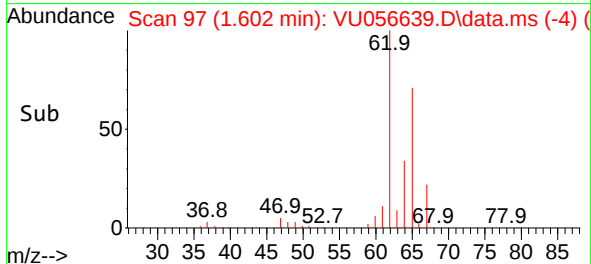
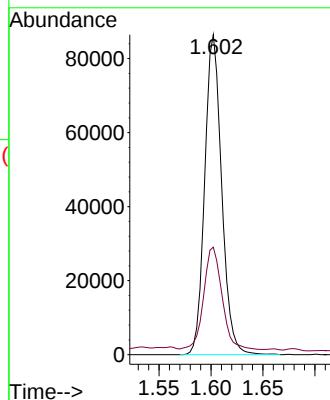
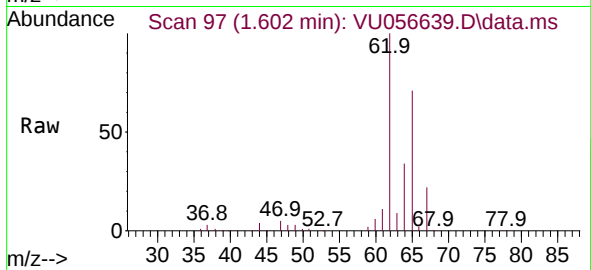




#5
 Vinyl chloride
 Concen: 4.341 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VU056639.D
 Acq: 29 Nov 2023 14:23

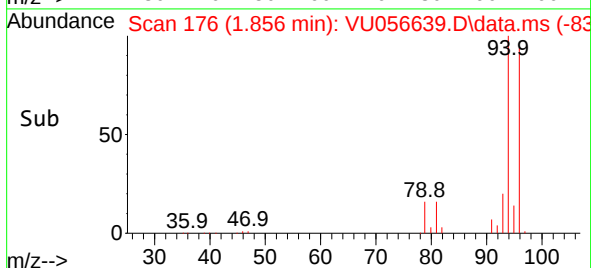
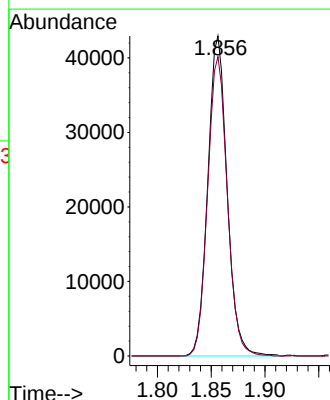
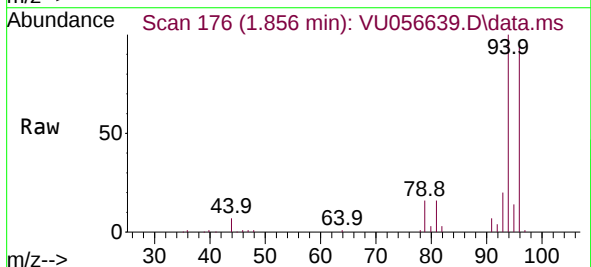
Instrument :
 MSVOA_U
 ClientSampleId :

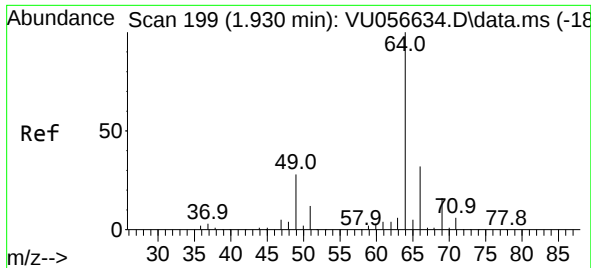
Tgt Ion: 62 Resp: 97896
 Ion Ratio Lower Upper
 62 100
 64 33.6 23.3 43.3



#6
 Bromomethane
 Concen: 4.690 ug/L
 RT: 1.856 min Scan# 176
 Delta R.T. 0.000 min
 Lab File: VU056639.D
 Acq: 29 Nov 2023 14:23

Tgt Ion: 94 Resp: 53537
 Ion Ratio Lower Upper
 94 100
 96 93.6 62.6 116.2

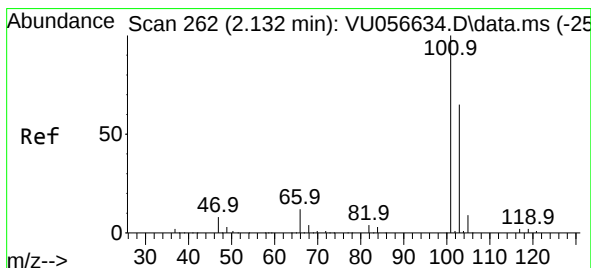
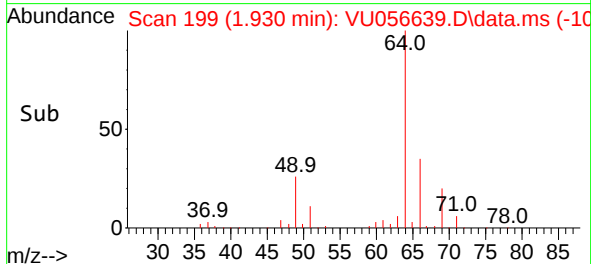
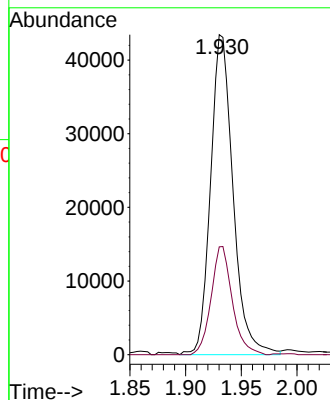
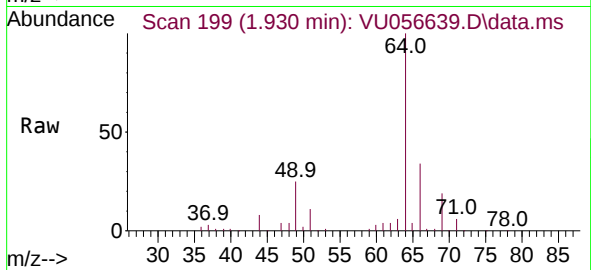




#8
Chloroethane
Concen: 4.428 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU056639.D
Acq: 29 Nov 2023 14:23

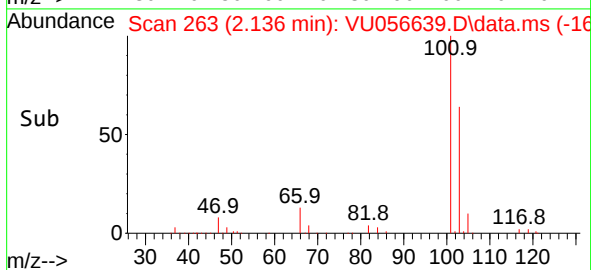
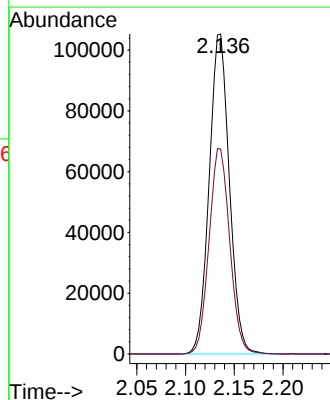
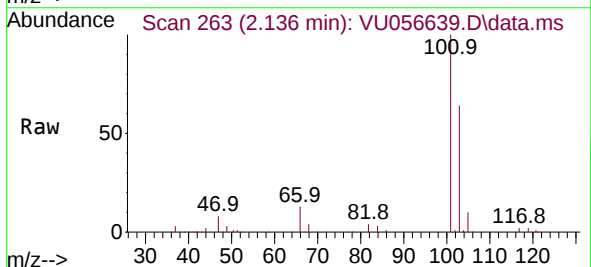
Instrument :
MSVOA_U
ClientSampleId :

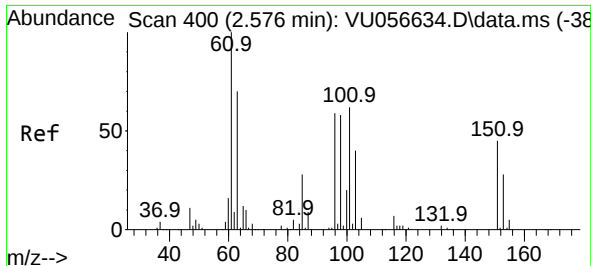
Tgt Ion: 64 Resp: 61006
Ion Ratio Lower Upper
64 100
66 33.7 23.9 44.5



#9
Trichlorofluoromethane
Concen: 4.675 ug/L
RT: 2.136 min Scan# 263
Delta R.T. 0.004 min
Lab File: VU056639.D
Acq: 29 Nov 2023 14:23

Tgt Ion:101 Resp: 151949
Ion Ratio Lower Upper
101 100
103 65.7 52.0 78.0

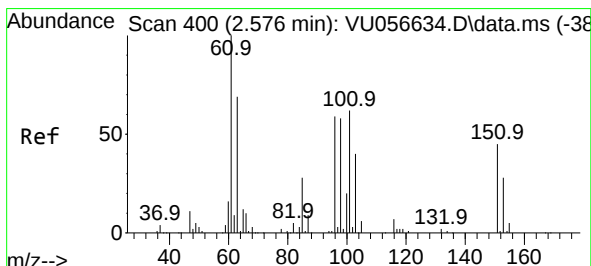
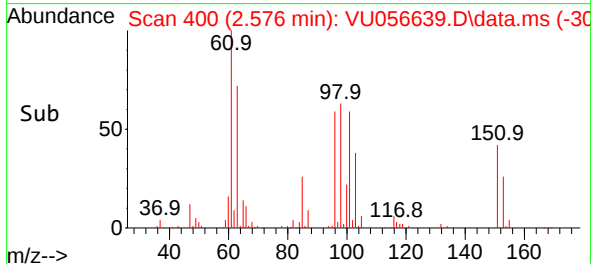
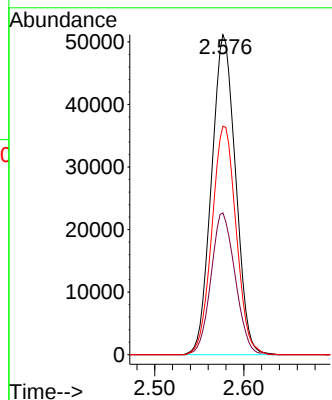
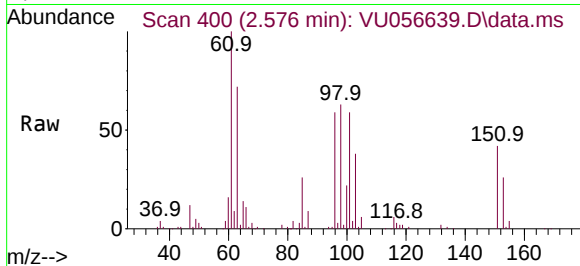




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.975 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU056639.D
 Acq: 29 Nov 2023 14:23

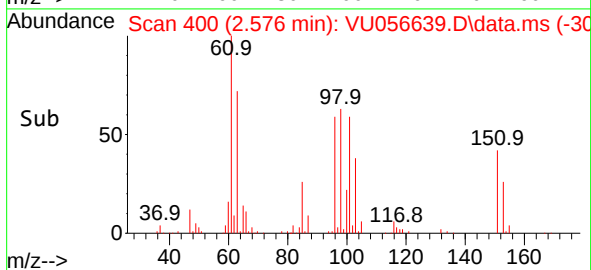
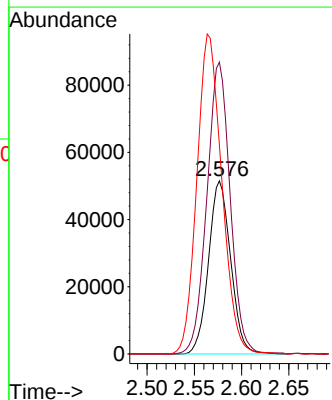
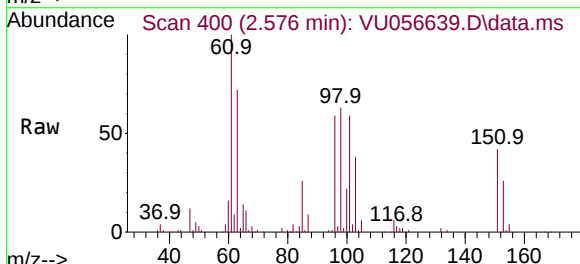
Instrument :
 MSVOA_U
 ClientSampleId :

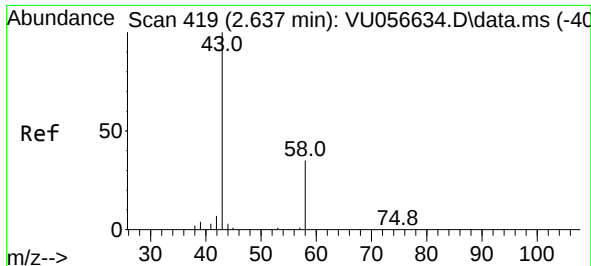
Tgt Ion:101 Resp: 95993
 Ion Ratio Lower Upper
 101 100
 85 44.5 35.4 53.0
 151 72.0 58.0 87.0



#12
 1,1-Dichloroethene
 Concen: 4.729 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU056639.D
 Acq: 29 Nov 2023 14:23

Tgt Ion: 96 Resp: 83687
 Ion Ratio Lower Upper
 96 100
 61 168.6 123.1 228.7
 63 120.7 93.3 173.3





#13

Acetone

Concen: 44.091 ug/L

RT: 2.638 min Scan# 419

Delta R.T. 0.000 min

Lab File: VU056639.D

Acq: 29 Nov 2023 14:23

Instrument :

MSVOA_U

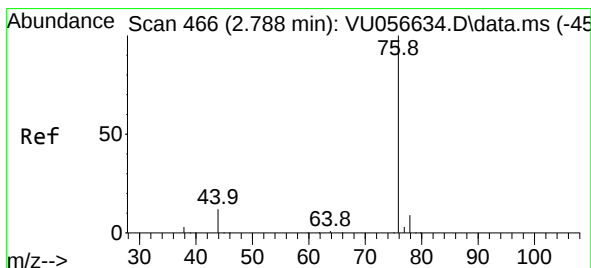
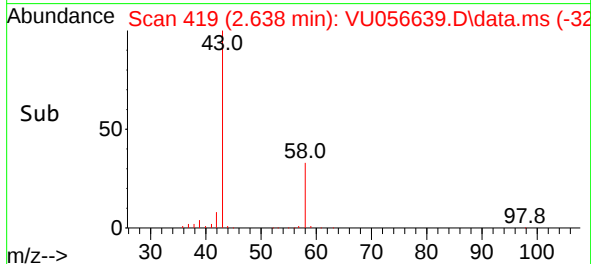
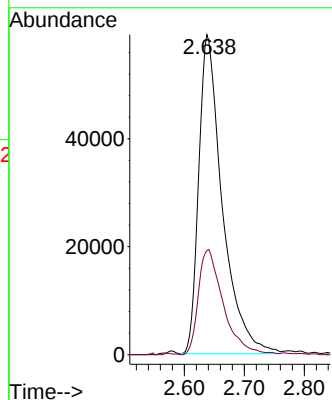
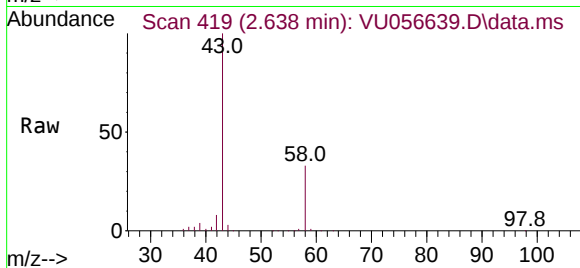
ClientSampleId :

Tgt Ion: 43 Resp: 161918

Ion Ratio Lower Upper

43 100

58 34.5 0.0 70.0



#14

Carbon disulfide

Concen: 3.637 ug/L

RT: 2.789 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU056639.D

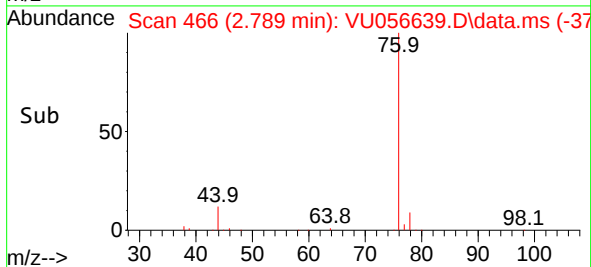
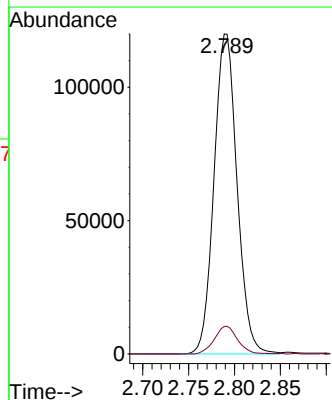
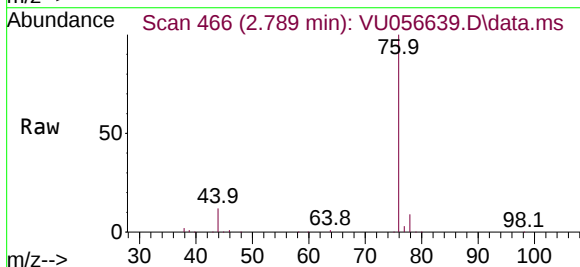
Acq: 29 Nov 2023 14:23

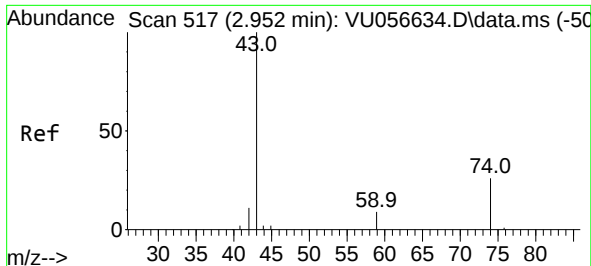
Tgt Ion: 76 Resp: 209446

Ion Ratio Lower Upper

76 100

78 8.6 6.8 10.2

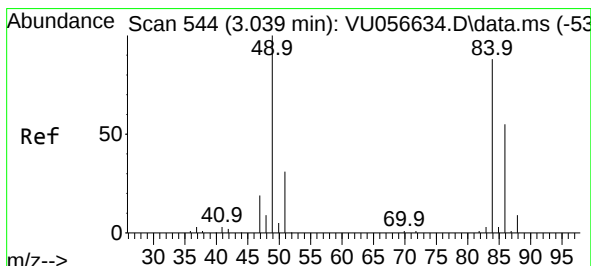
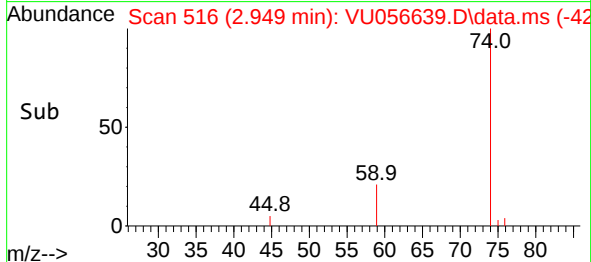
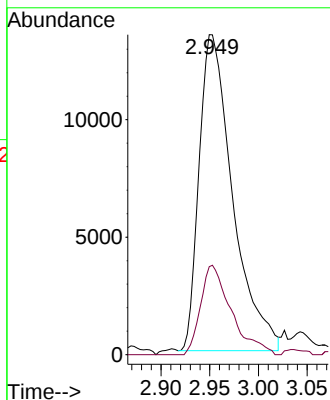
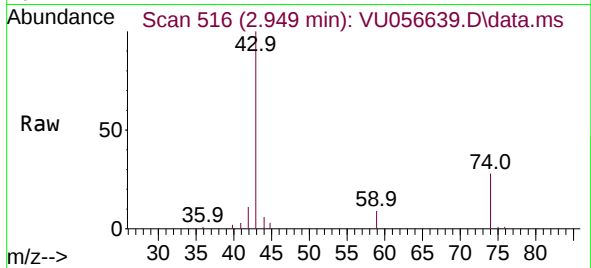




#15
Methyl Acetate
Concen: 4.934 ug/L
RT: 2.949 min Scan# 517
Delta R.T. -0.003 min
Lab File: VU056639.D
Acq: 29 Nov 2023 14:23

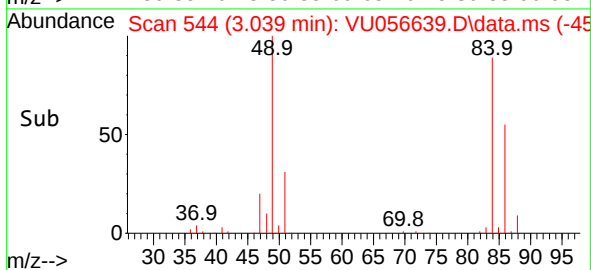
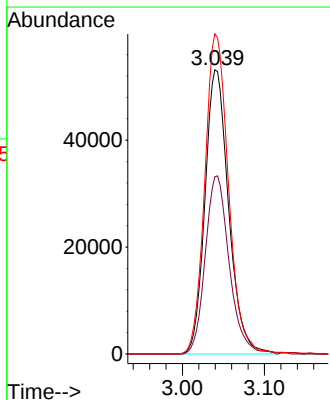
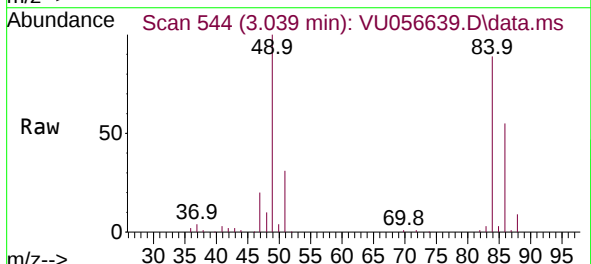
Instrument :
MSVOA_U
ClientSampleId :

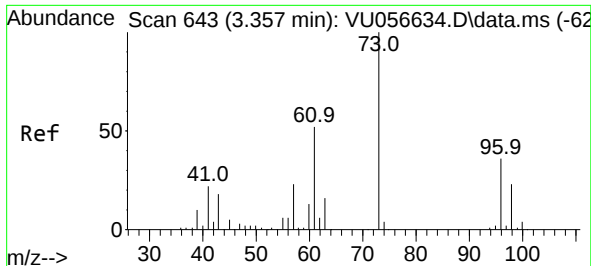
Tgt Ion: 43 Resp: 32246
Ion Ratio Lower Upper
43 100
74 25.8 20.6 31.0



#16
Methylene chloride
Concen: 4.559 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU056639.D
Acq: 29 Nov 2023 14:23

Tgt Ion: 84 Resp: 106779
Ion Ratio Lower Upper
84 100
86 62.4 44.7 83.1
49 112.6 81.8 152.0

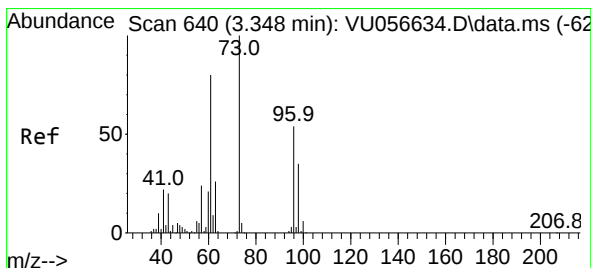
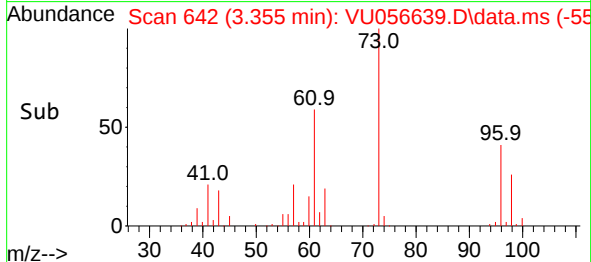
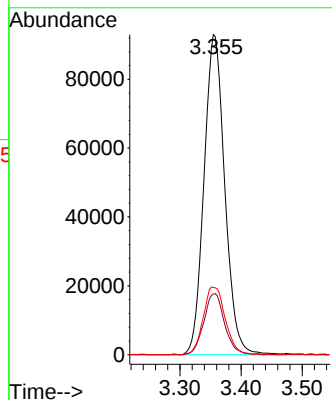
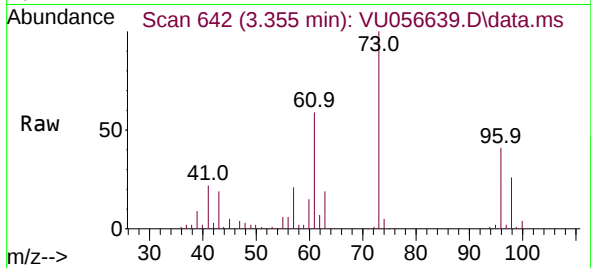




#17
Methyl tert-butyl Ether
Concen: 5.109 ug/L
RT: 3.355 min Scan# 64
Delta R.T. -0.003 min
Lab File: VU056639.D
Acq: 29 Nov 2023 14:23

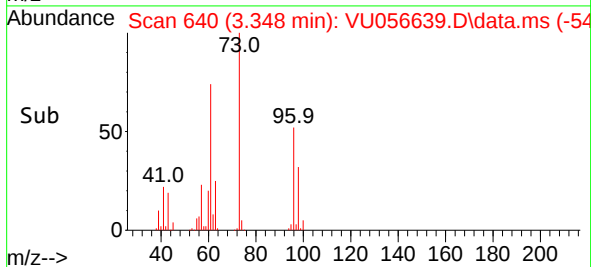
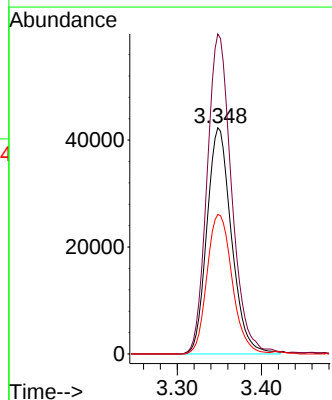
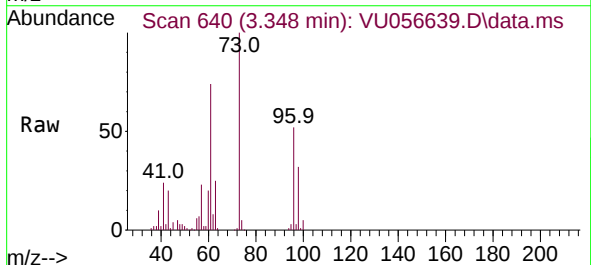
Instrument :
MSVOA_U
ClientSampleId :

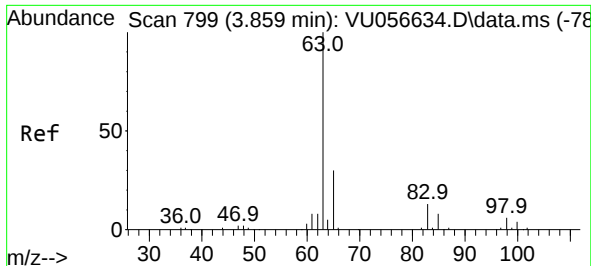
Tgt Ion: 73 Resp: 219655
Ion Ratio Lower Upper
73 100
43 19.0 15.1 22.7
57 22.3 17.8 26.8



#18
trans-1,2-Dichloroethene
Concen: 4.718 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU056639.D
Acq: 29 Nov 2023 14:23

Tgt Ion: 96 Resp: 85913
Ion Ratio Lower Upper
96 100
61 141.4 101.7 188.9
98 61.6 43.0 80.0





#19

1,1-Dichloroethane

Concen: 5.016 ug/L

RT: 3.863 min Scan# 80

Delta R.T. 0.004 min

Lab File: VU056639.D

Acq: 29 Nov 2023 14:23

Instrument :

MSVOA_U

ClientSampleId :

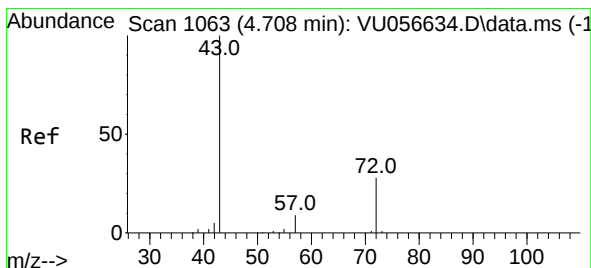
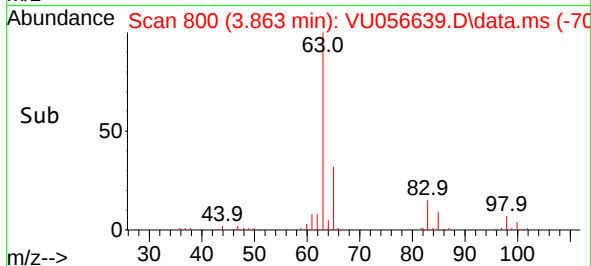
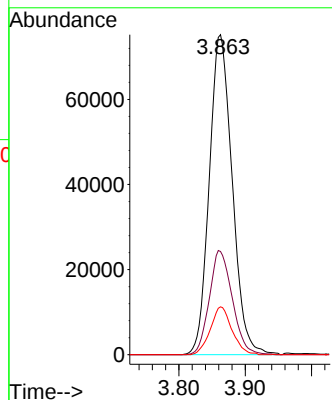
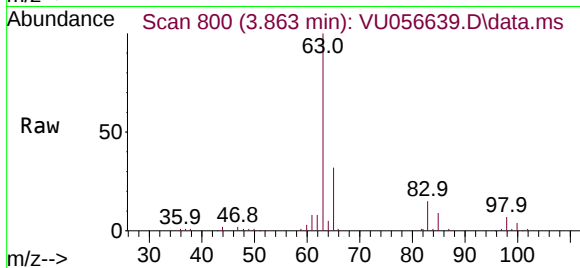
Tgt Ion: 63 Resp: 180905

Ion Ratio Lower Upper

63 100

65 32.2 21.8 40.6

83 15.0 9.7 17.9



#21

2-Butanone

Concen: 47.029 ug/L

RT: 4.708 min Scan# 1063

Delta R.T. 0.000 min

Lab File: VU056639.D

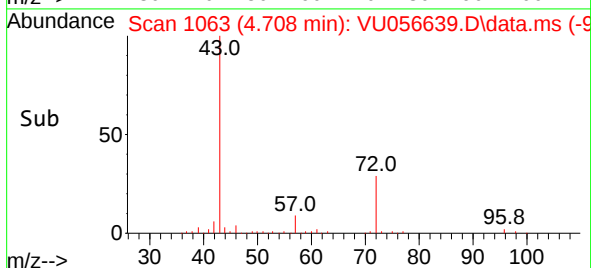
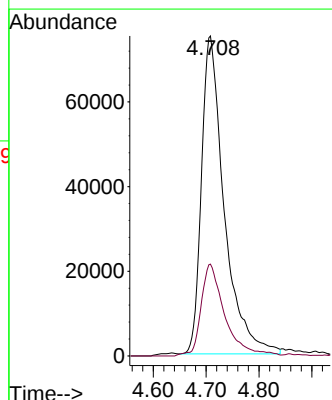
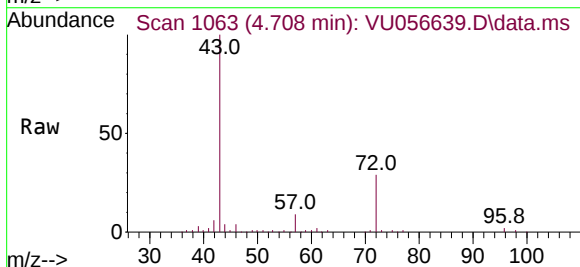
Acq: 29 Nov 2023 14:23

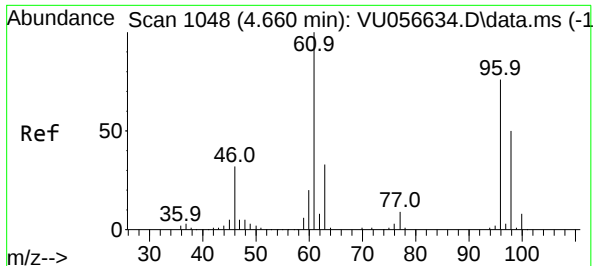
Tgt Ion: 43 Resp: 224105

Ion Ratio Lower Upper

43 100

72 30.1 14.2 42.6

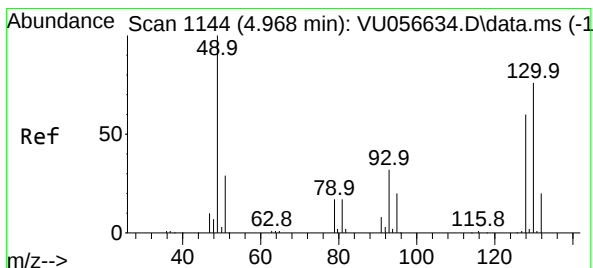
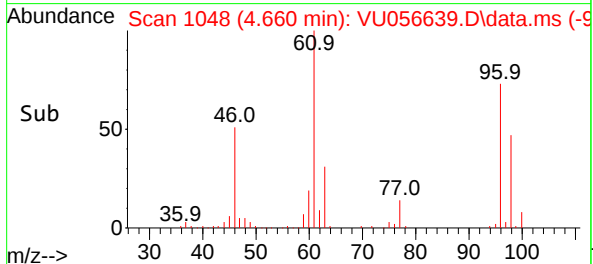
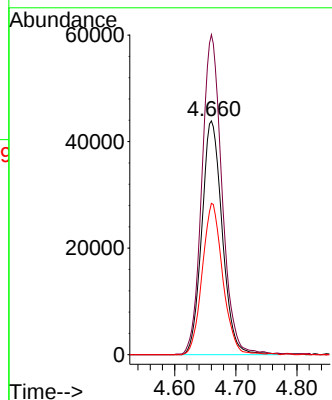
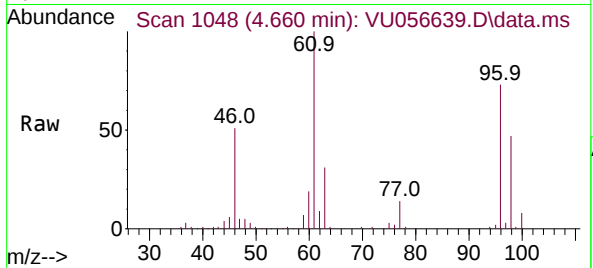




#22
 cis-1,2-Dichloroethene
 Concen: 4.944 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. 0.000 min
 Lab File: VU056639.D
 Acq: 29 Nov 2023 14:23

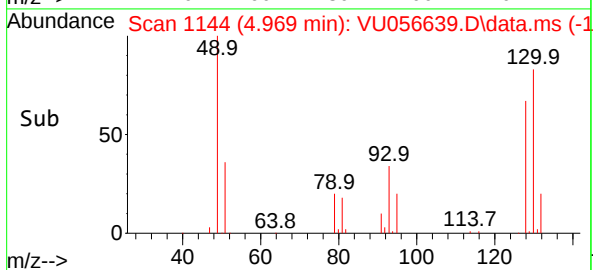
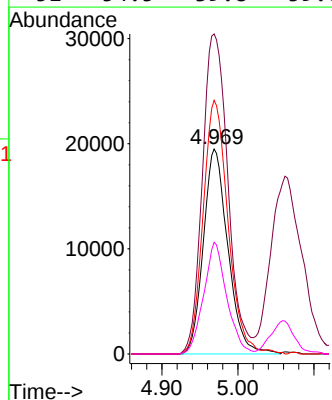
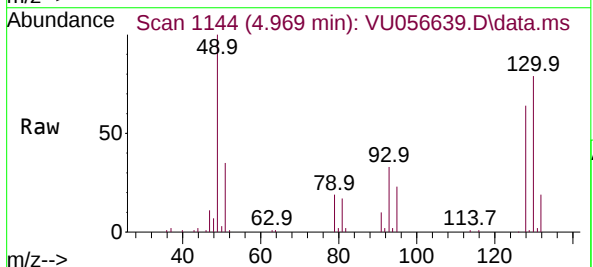
Instrument :
 MSVOA_U
 ClientSampleId :

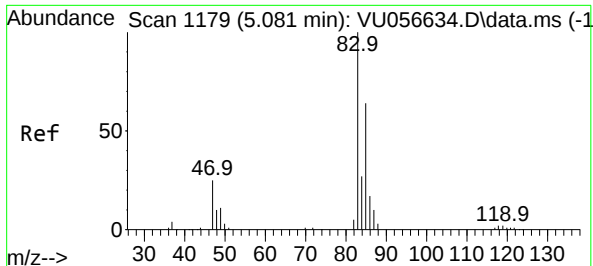
Tgt Ion: 96 Resp: 102088
 Ion Ratio Lower Upper
 96 100
 61 136.9 93.2 173.2
 98 64.7 44.8 83.2



#23
 Bromochloromethane
 Concen: 5.130 ug/L
 RT: 4.969 min Scan# 1144
 Delta R.T. 0.000 min
 Lab File: VU056639.D
 Acq: 29 Nov 2023 14:23

Tgt Ion:128 Resp: 43599
 Ion Ratio Lower Upper
 128 100
 49 156.2 113.4 210.6
 130 123.8 84.8 157.6
 51 54.5 39.8 59.6





#25

Chloroform

Concen: 5.049 ug/L

RT: 5.081 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VU056639.D

Acq: 29 Nov 2023 14:23

Instrument :

MSVOA_U

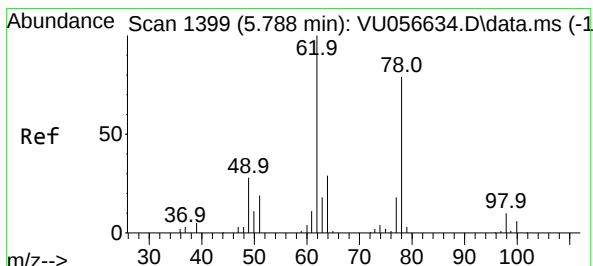
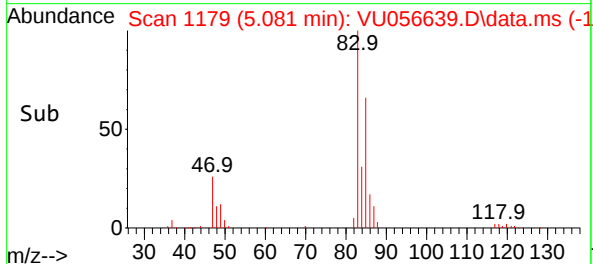
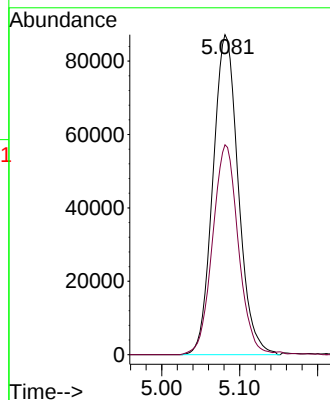
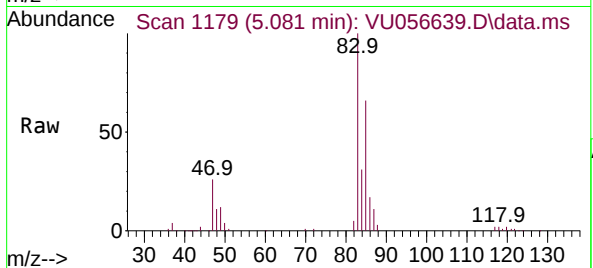
ClientSampleId :

Tgt Ion: 83 Resp: 197318

Ion Ratio Lower Upper

83 100

85 65.6 47.0 87.2



#27

1,2-Dichloroethane

Concen: 5.176 ug/L

RT: 5.789 min Scan# 1399

Delta R.T. 0.000 min

Lab File: VU056639.D

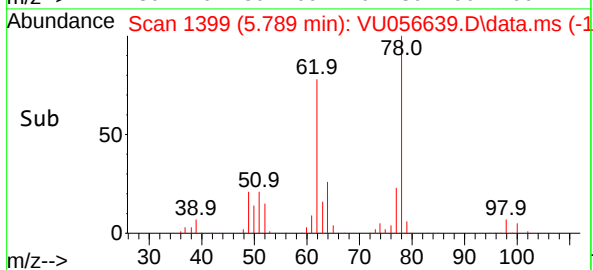
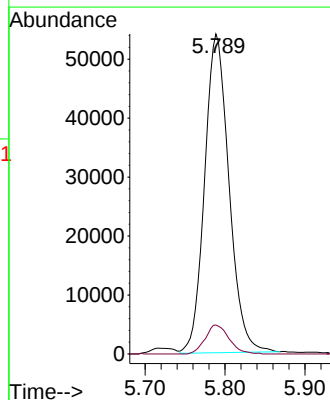
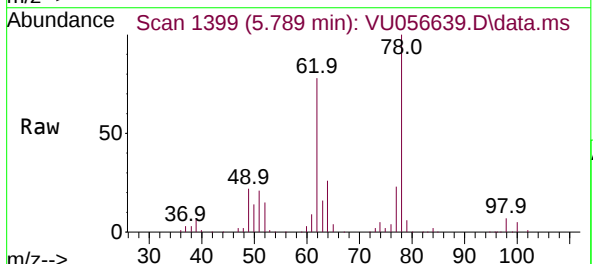
Acq: 29 Nov 2023 14:23

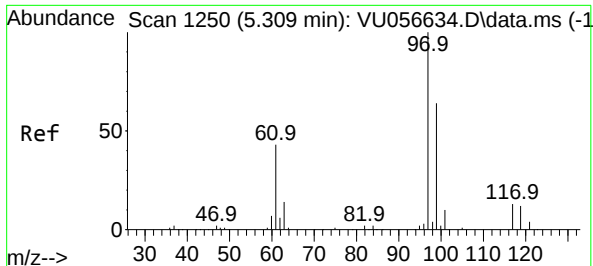
Tgt Ion: 62 Resp: 114849

Ion Ratio Lower Upper

62 100

98 9.1 6.6 10.0

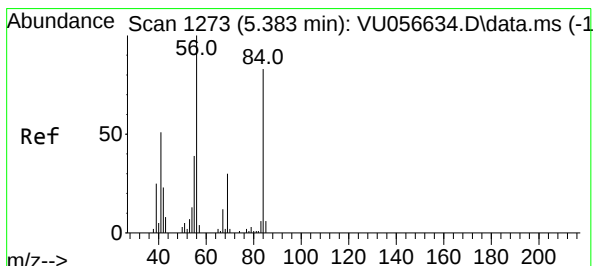
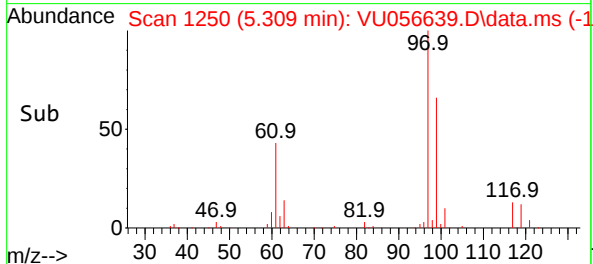
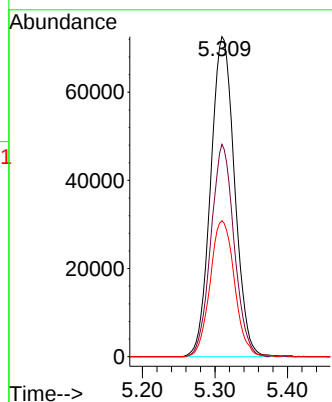
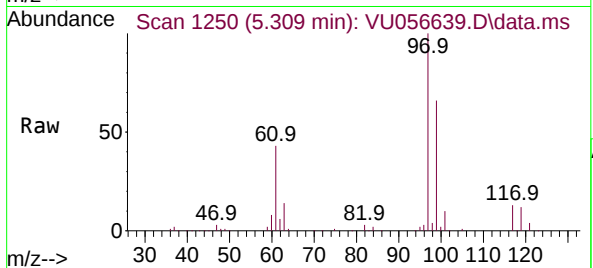




#29
1,1,1-Trichloroethane
Concen: 5.083 ug/L
RT: 5.309 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU056639.D
Acq: 29 Nov 2023 14:23

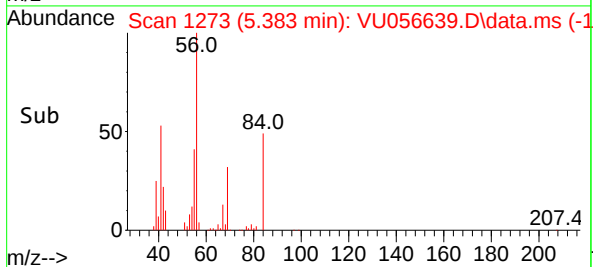
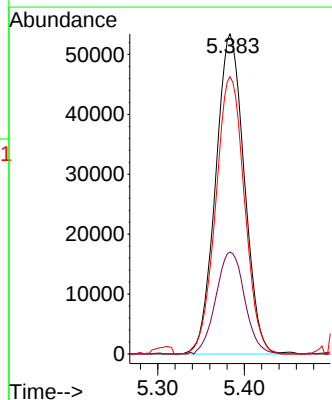
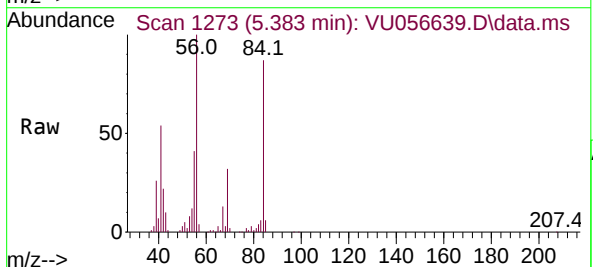
Instrument :
MSVOA_U
ClientSampleId :

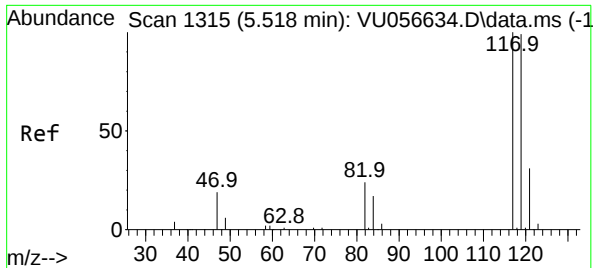
Tgt Ion: 97 Resp: 166473
Ion Ratio Lower Upper
97 100
99 64.5 51.6 77.4
61 43.4 34.3 51.5



#30
Cyclohexane
Concen: 3.937 ug/L
RT: 5.383 min Scan# 1273
Delta R.T. 0.000 min
Lab File: VU056639.D
Acq: 29 Nov 2023 14:23

Tgt Ion: 56 Resp: 122375
Ion Ratio Lower Upper
56 100
69 32.1 25.4 38.2
84 87.4 68.6 103.0

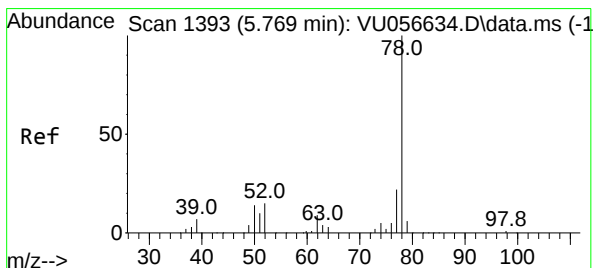
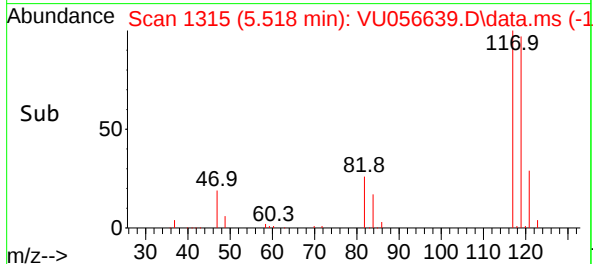
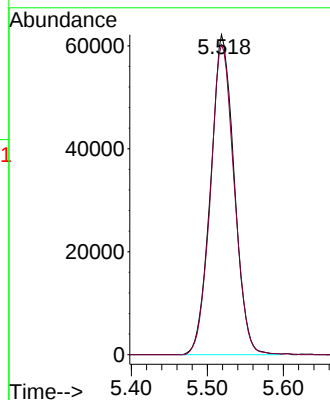
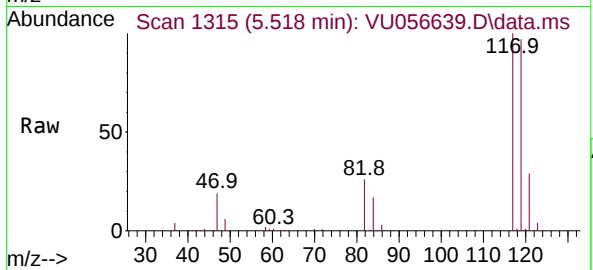




#31
Carbon tetrachloride
Concen: 4.760 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VU056639.D
Acq: 29 Nov 2023 14:23

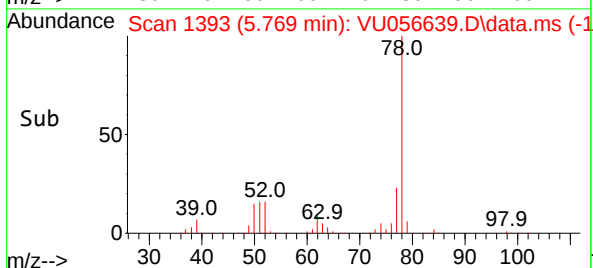
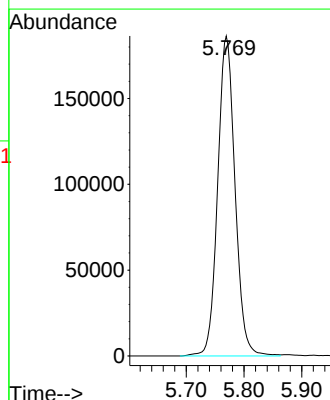
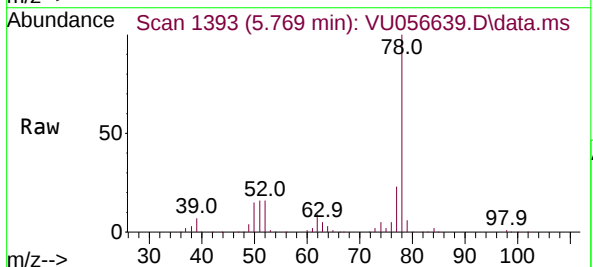
Instrument :
MSVOA_U
ClientSampleId :

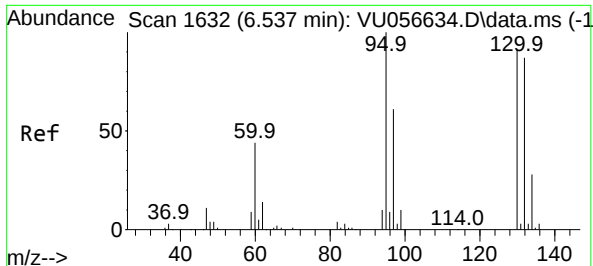
Tgt Ion:117 Resp: 133898
Ion Ratio Lower Upper
117 100
119 97.6 78.1 117.1



#33
Benzene
Concen: 4.778 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.000 min
Lab File: VU056639.D
Acq: 29 Nov 2023 14:23

Tgt Ion: 78 Resp: 388973

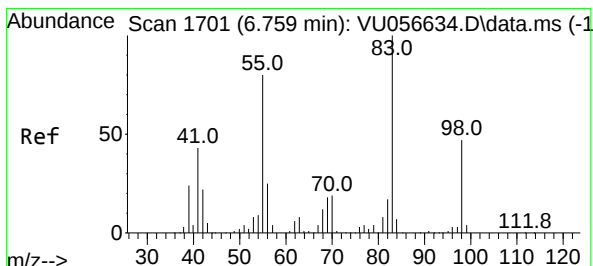
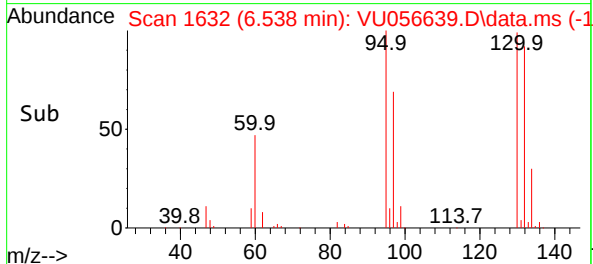
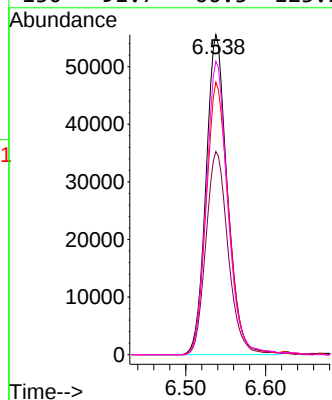
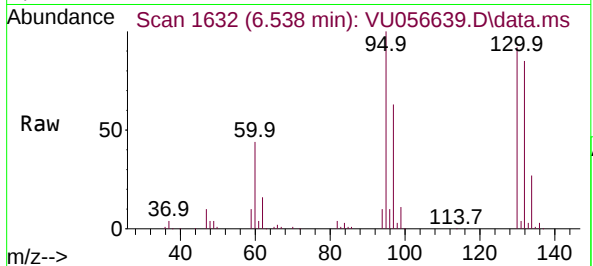




#34
Trichloroethene
Concen: 4.669 ug/L
RT: 6.538 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU056639.D
Acq: 29 Nov 2023 14:23

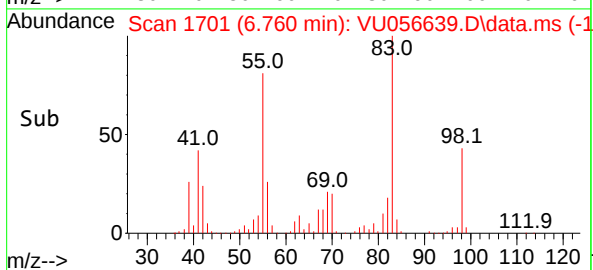
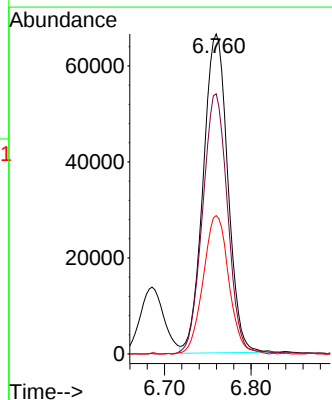
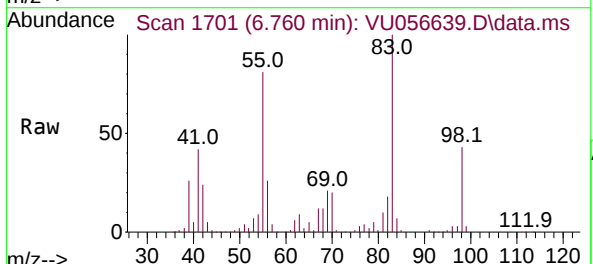
Instrument :
MSVOA_U
ClientSampleId :

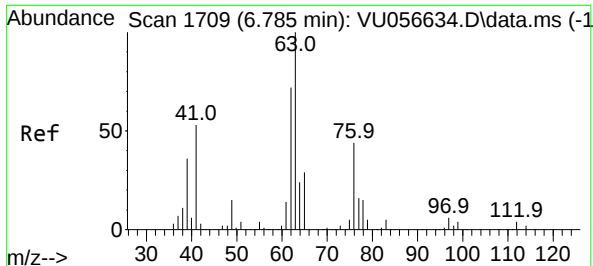
Tgt Ion: 95 Resp: 103564
Ion Ratio Lower Upper
95 100
97 63.5 46.5 86.3
132 85.1 62.0 115.2
130 91.7 66.3 123.1



#35
Methylcyclohexane
Concen: 4.099 ug/L
RT: 6.760 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VU056639.D
Acq: 29 Nov 2023 14:23

Tgt Ion: 83 Resp: 131265
Ion Ratio Lower Upper
83 100
55 83.1 62.9 94.3
98 45.3 35.3 52.9





#37

1,2-Dichloropropane

Concen: 5.004 ug/L

RT: 6.785 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU056639.D

Acq: 29 Nov 2023 14:23

Instrument :

MSVOA_U

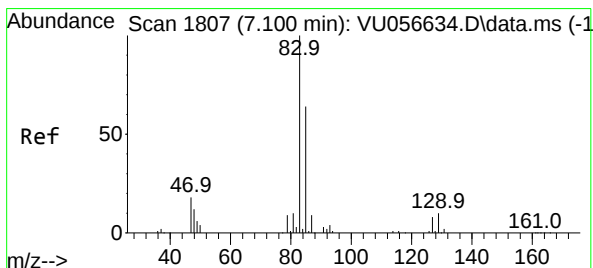
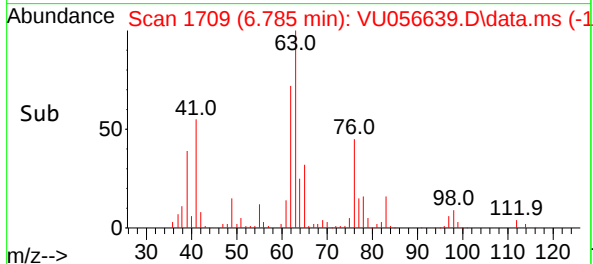
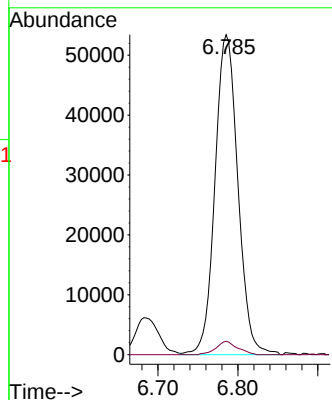
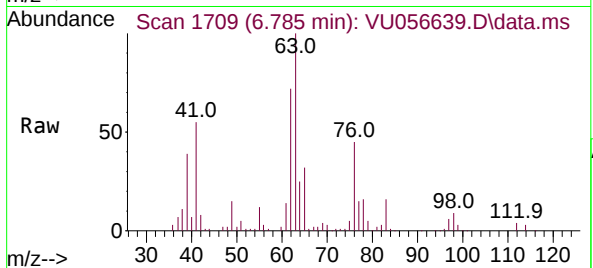
ClientSampleId :

Tgt Ion: 63 Resp: 106246

Ion Ratio Lower Upper

63 100

112 3.9 3.2 4.8



#38

Bromodichloromethane

Concen: 5.052 ug/L

RT: 7.100 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VU056639.D

Acq: 29 Nov 2023 14:23

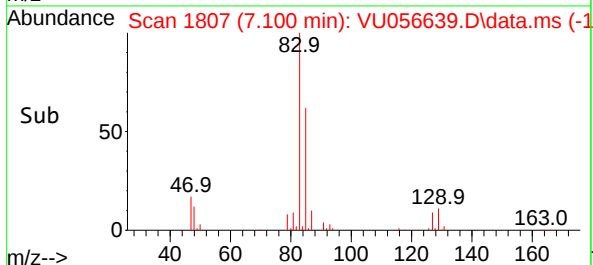
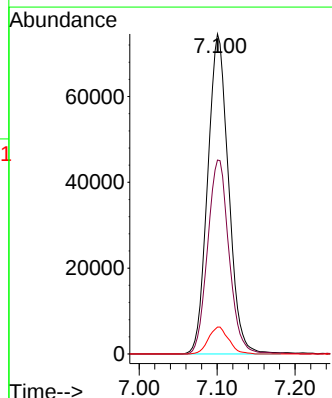
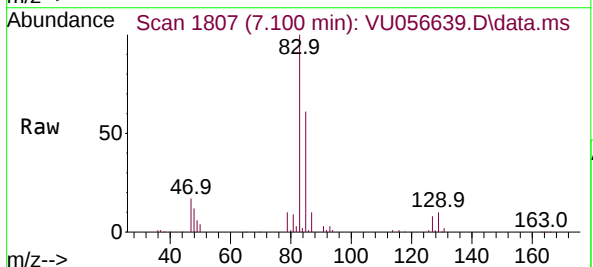
Tgt Ion: 83 Resp: 138484

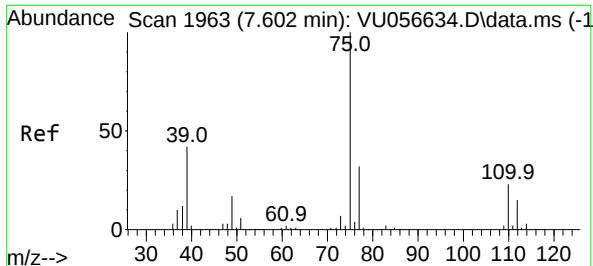
Ion Ratio Lower Upper

83 100

85 60.6 44.9 83.5

127 8.4 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 4.768 ug/L

RT: 7.602 min Scan# 1963

Delta R.T. 0.000 min

Lab File: VU056639.D

Acq: 29 Nov 2023 14:23

Instrument :

MSVOA_U

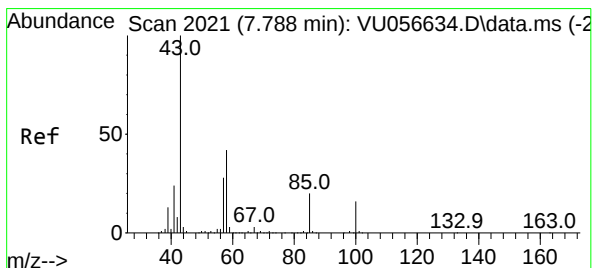
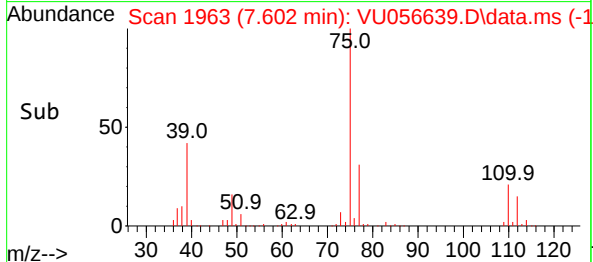
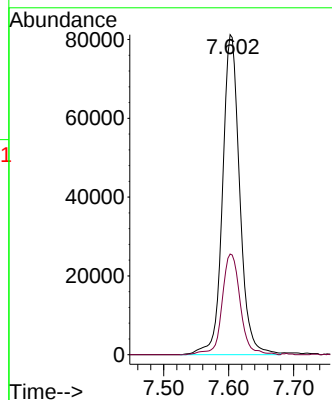
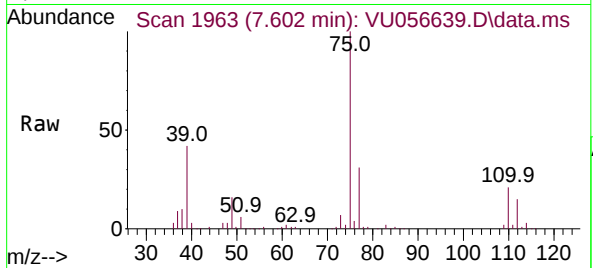
ClientSampleId :

Tgt Ion: 75 Resp: 148753

Ion Ratio Lower Upper

75 100

77 31.4 21.5 39.9



#40

4-Methyl-2-pentanone

Concen: 50.212 ug/L

RT: 7.785 min Scan# 2020

Delta R.T. -0.003 min

Lab File: VU056639.D

Acq: 29 Nov 2023 14:23

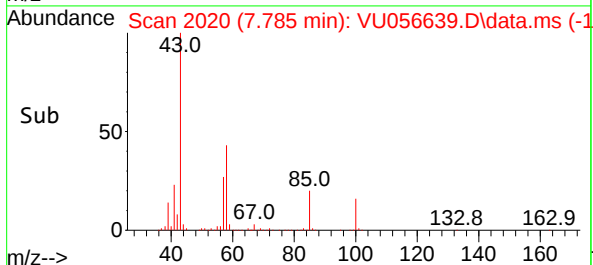
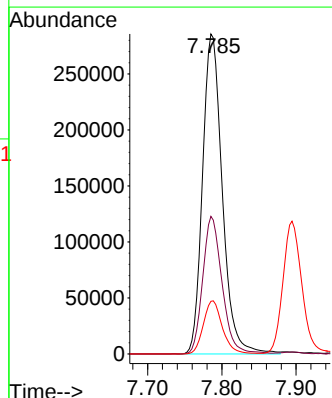
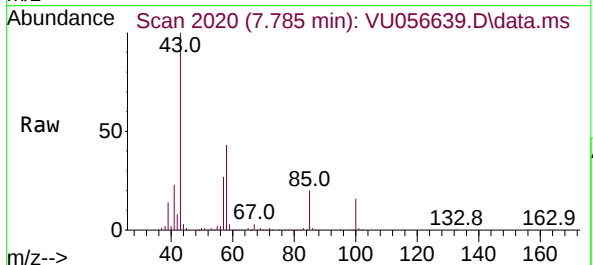
Tgt Ion: 43 Resp: 528474

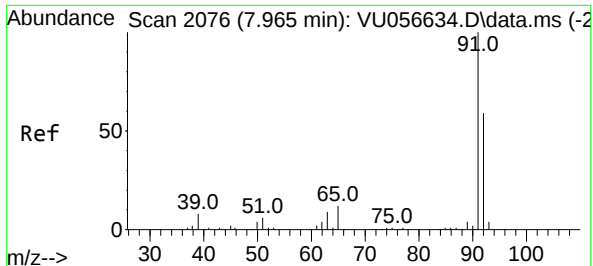
Ion Ratio Lower Upper

43 100

58 42.1 33.8 50.8

100 16.0 13.0 19.4

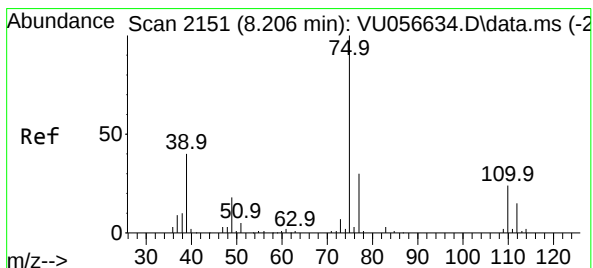
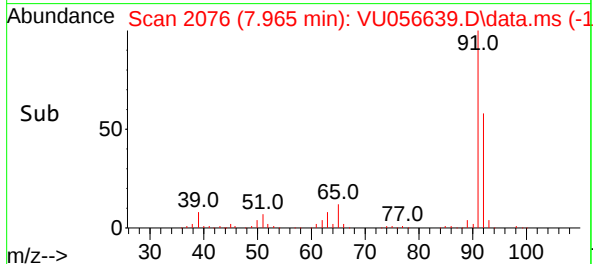
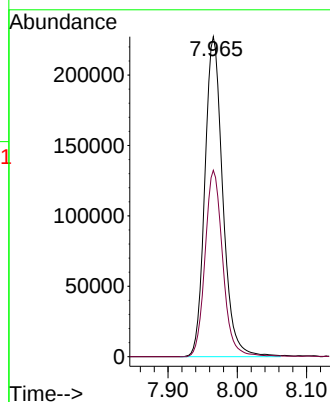
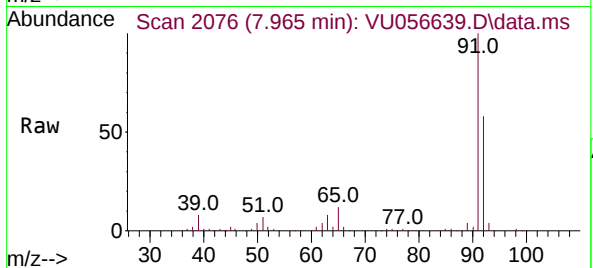




#42
Toluene
Concen: 4.844 ug/L
RT: 7.965 min Scan# 2076
Delta R.T. 0.000 min
Lab File: VU056639.D
Acq: 29 Nov 2023 14:23

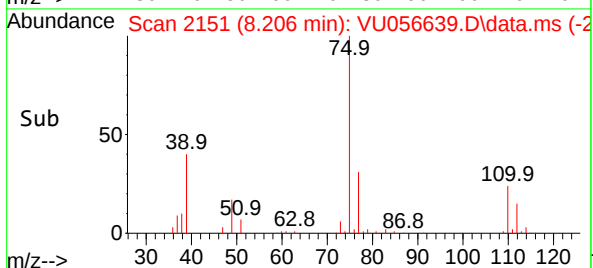
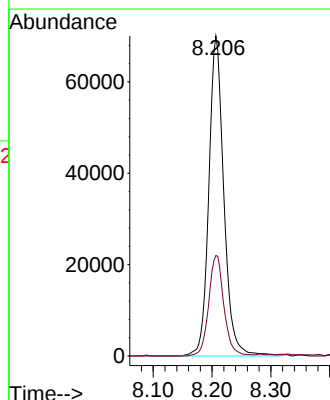
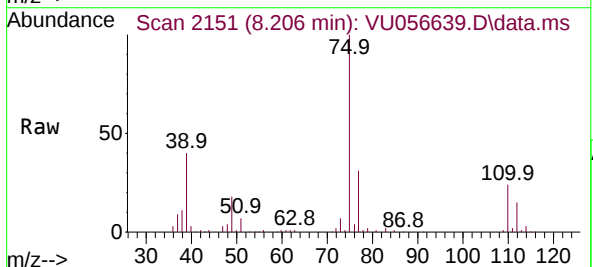
Instrument :
MSVOA_U
ClientSampleId :

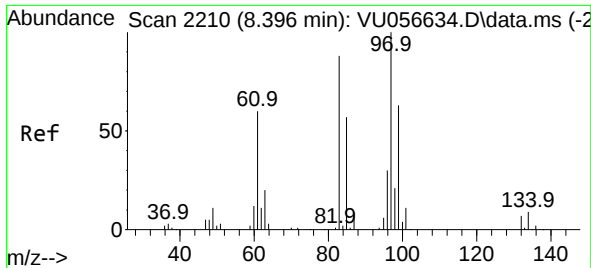
Tgt Ion: 91 Resp: 408310
Ion Ratio Lower Upper
91 100
92 58.3 40.6 75.4



#44
trans-1,3-Dichloropropene
Concen: 4.995 ug/L
RT: 8.206 min Scan# 2151
Delta R.T. 0.000 min
Lab File: VU056639.D
Acq: 29 Nov 2023 14:23

Tgt Ion: 75 Resp: 124243
Ion Ratio Lower Upper
75 100
77 31.4 22.8 42.4

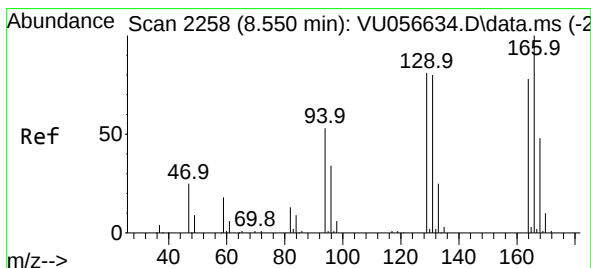
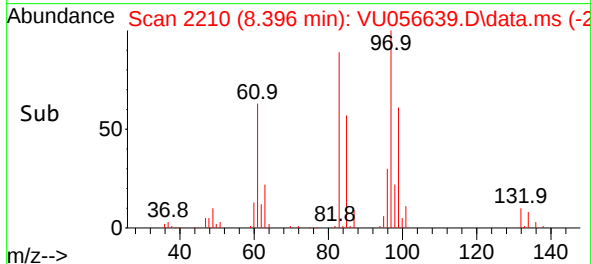
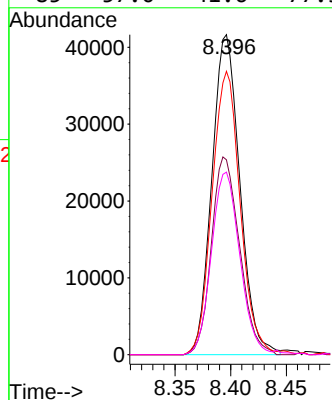
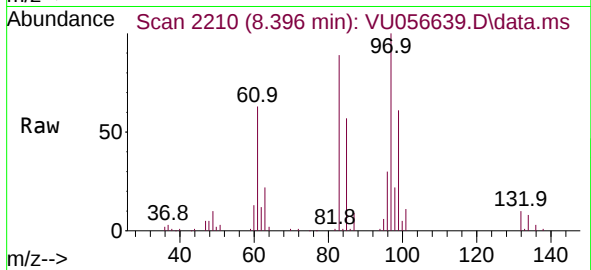




#45
1,1,2-Trichloroethane
Concen: 5.147 ug/L
RT: 8.396 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VU056639.D
Acq: 29 Nov 2023 14:23

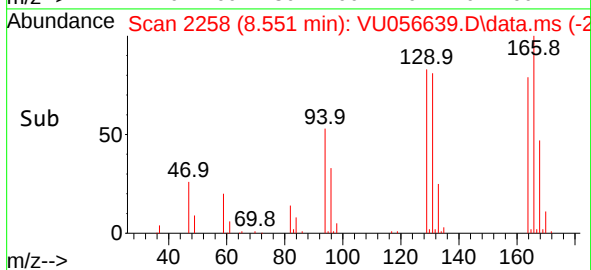
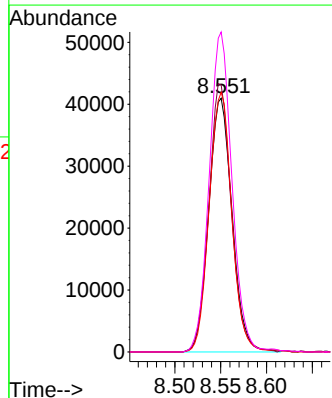
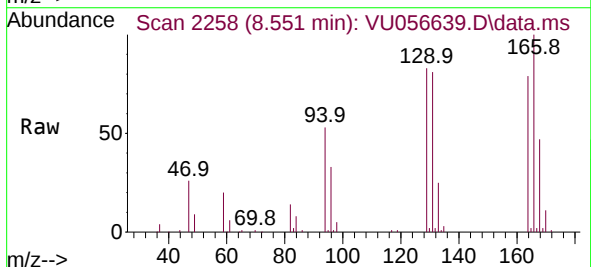
Instrument :
MSVOA_U
ClientSampleId :

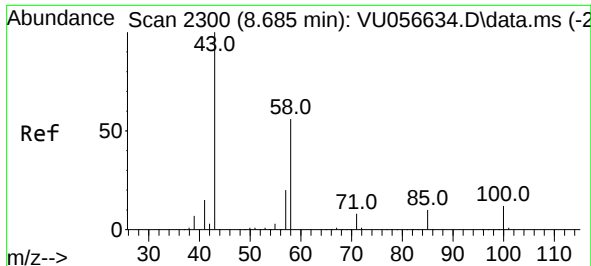
Tgt Ion:	97	Resp:	72778
Ion	Ratio	Lower	Upper
97	100		
99	60.9	44.3	82.3
83	88.5	65.4	121.4
85	57.0	41.6	77.3



#47
Tetrachloroethene
Concen: 4.866 ug/L
RT: 8.551 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU056639.D
Acq: 29 Nov 2023 14:23

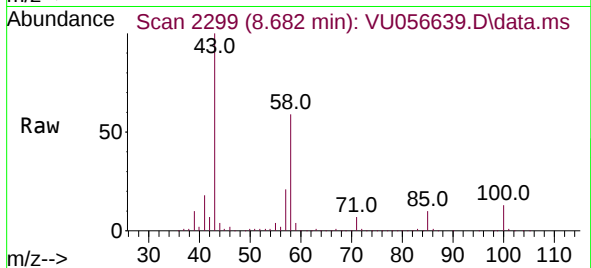
Tgt Ion:	164	Resp:	72785
Ion	Ratio	Lower	Upper
164	100		
129	105.2	71.0	131.9
131	102.3	70.3	130.7
166	126.1	89.8	166.8



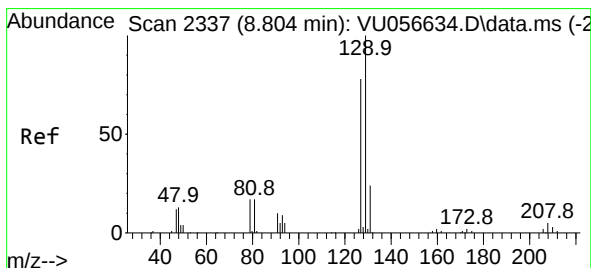
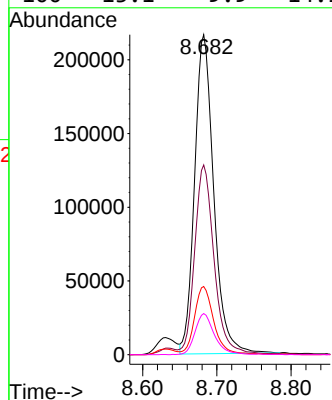
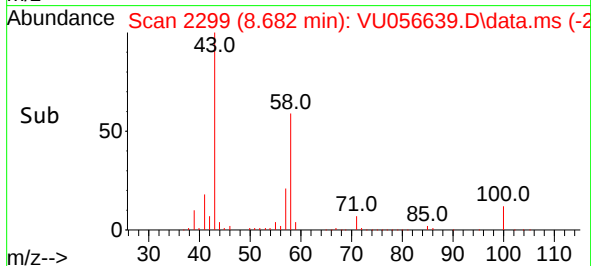


#48
2-Hexanone
Concen: 47.495 ug/L
RT: 8.682 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU056639.D
Acq: 29 Nov 2023 14:23

Instrument :
MSVOA_U
ClientSampleId :

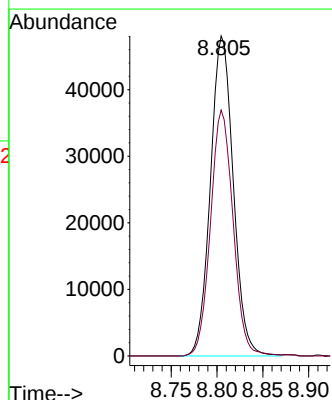
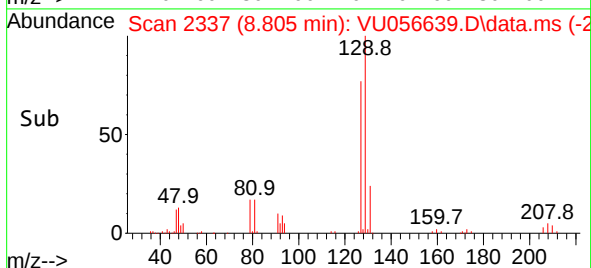
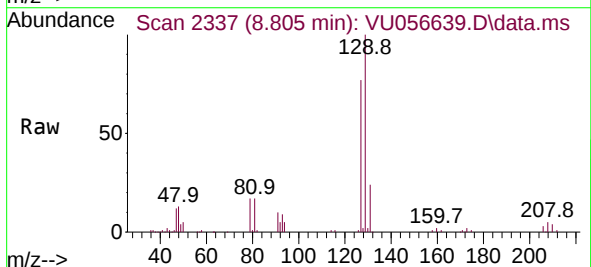


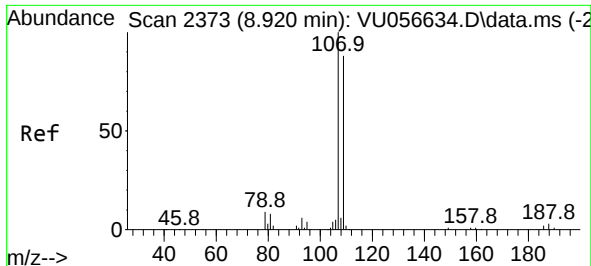
Tgt Ion: 43 Resp: 389431
Ion Ratio Lower Upper
43 100
58 59.5 48.7 73.1
57 21.4 16.8 25.2
100 13.1 9.9 14.9



#49
Dibromochloromethane
Concen: 5.187 ug/L
RT: 8.805 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VU056639.D
Acq: 29 Nov 2023 14:23

Tgt Ion: 129 Resp: 83403
Ion Ratio Lower Upper
129 100
127 76.8 52.9 98.3





#50

1,2-Dibromoethane

Concen: 5.101 ug/L

RT: 8.917 min Scan# 21

Delta R.T. -0.003 min

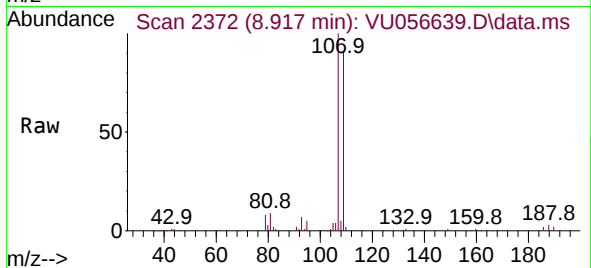
Lab File: VU056639.D

Acq: 29 Nov 2023 14:23

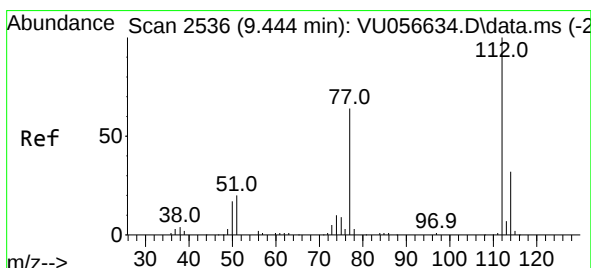
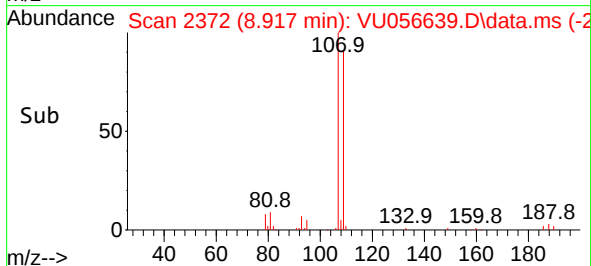
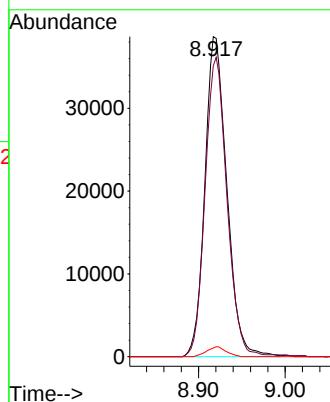
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	107	Resp:	68096
Ion	Ratio	Lower	Upper
107	100		
109	90.9	64.2	119.2
188	2.7	2.6	4.0



#51

Chlorobenzene

Concen: 4.899 ug/L

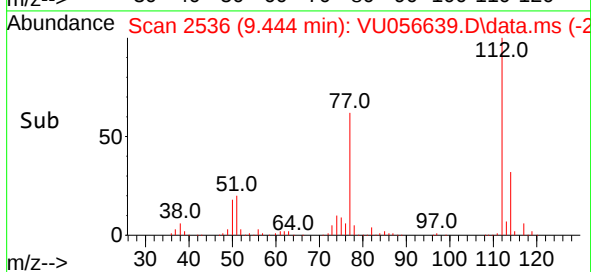
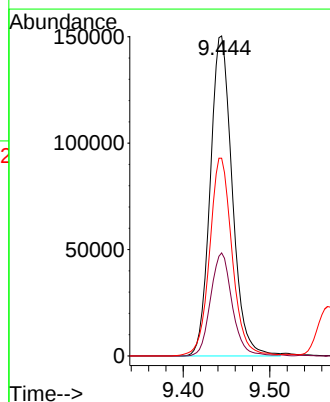
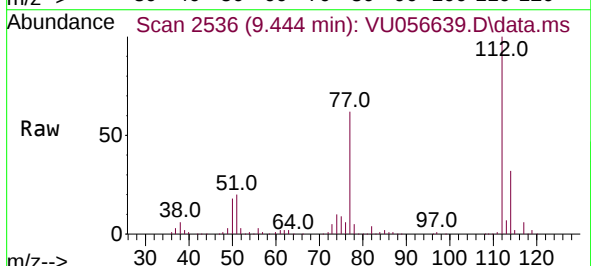
RT: 9.444 min Scan# 2536

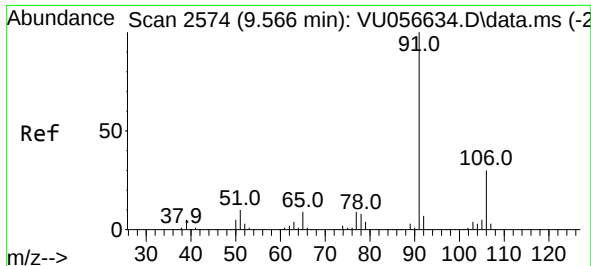
Delta R.T. 0.000 min

Lab File: VU056639.D

Acq: 29 Nov 2023 14:23

Tgt Ion:	112	Resp:	265329
Ion	Ratio	Lower	Upper
112	100		
114	32.2	22.5	41.7
77	61.8	51.7	77.5

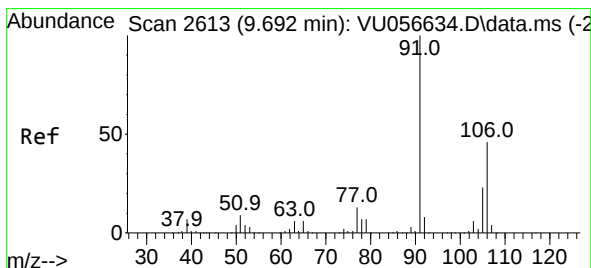
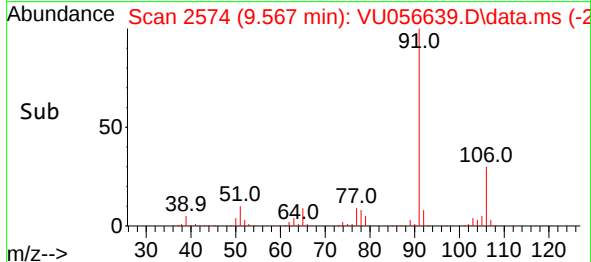
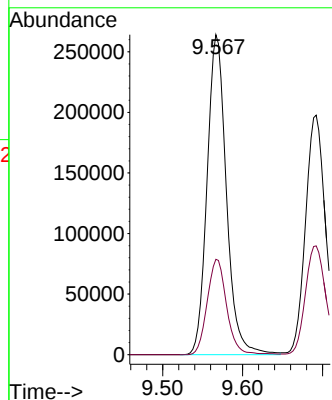
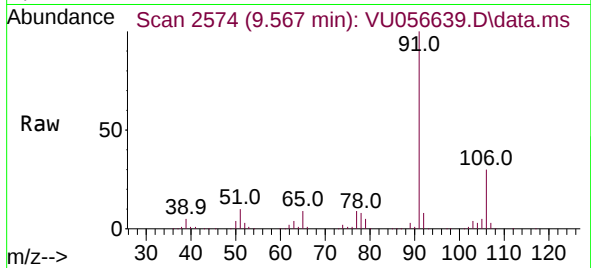




#52
Ethylbenzene
Concen: 4.742 ug/L
RT: 9.567 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU056639.D
Acq: 29 Nov 2023 14:23

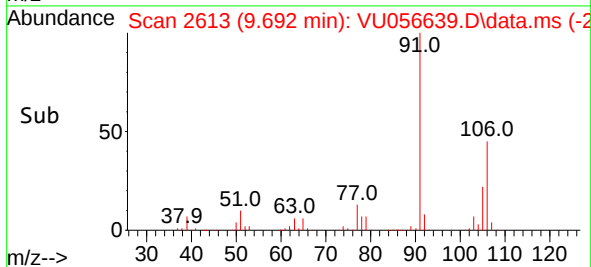
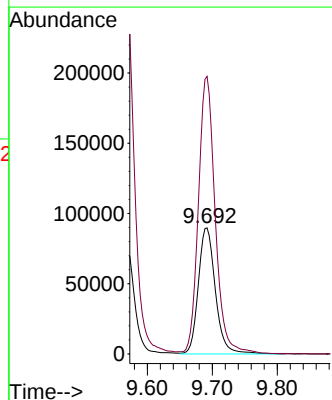
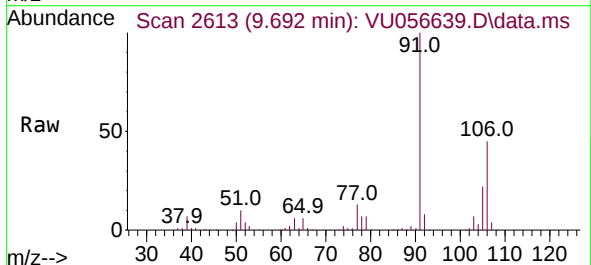
Instrument :
MSVOA_U
ClientSampleId :

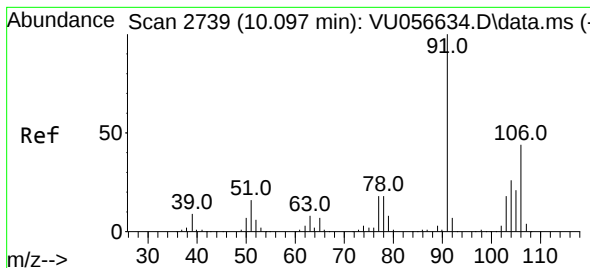
Tgt Ion: 91 Resp: 443901
Ion Ratio Lower Upper
91 100
106 29.8 21.1 39.1



#53
m,p-Xylene
Concen: 4.779 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.000 min
Lab File: VU056639.D
Acq: 29 Nov 2023 14:23

Tgt Ion: 106 Resp: 164451
Ion Ratio Lower Upper
106 100
91 220.2 149.6 277.8





#54

o-Xylene

Concen: 4.821 ug/L

RT: 10.097 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU056639.D

Acq: 29 Nov 2023 14:23

Instrument :

MSVOA_U

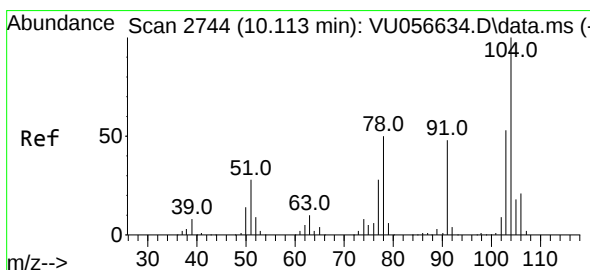
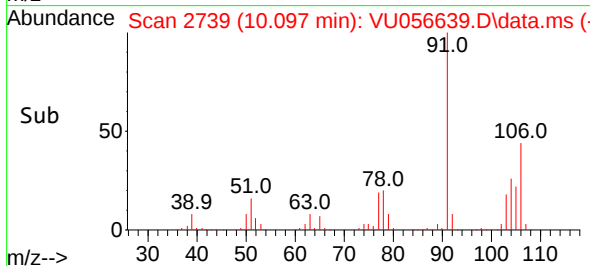
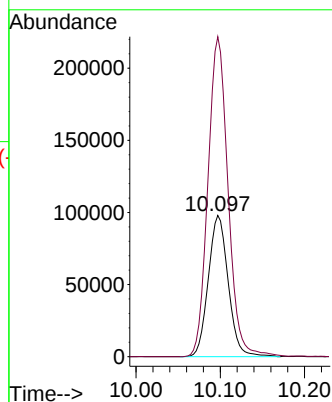
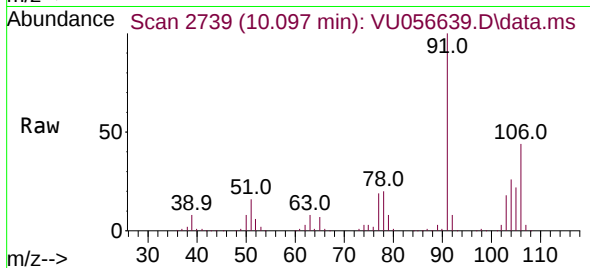
ClientSampleId :

Tgt Ion:106 Resp: 161141

Ion Ratio Lower Upper

106 100

91 226.6 159.3 295.9



#55

Styrene

Concen: 4.975 ug/L

RT: 10.113 min Scan# 2744

Delta R.T. 0.000 min

Lab File: VU056639.D

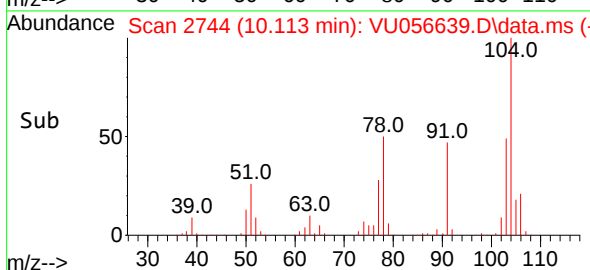
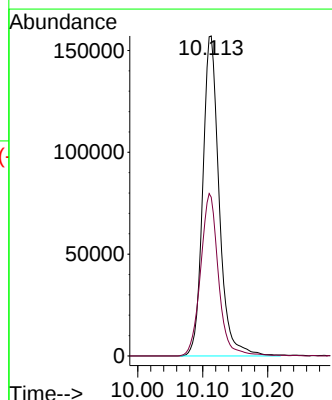
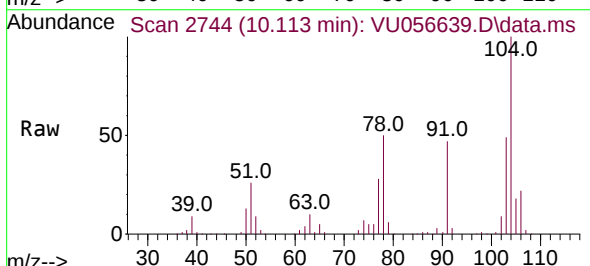
Acq: 29 Nov 2023 14:23

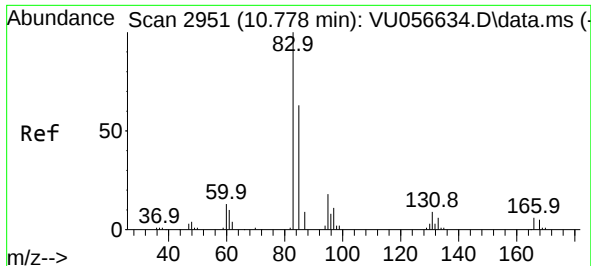
Tgt Ion:104 Resp: 276578

Ion Ratio Lower Upper

104 100

78 49.6 34.2 63.6





#57

1,1,2,2-Tetrachloroethane

Concen: 5.157 ug/L

RT: 10.779 min Scan# 2951

Delta R.T. 0.000 min

Lab File: VU056639.D

Acq: 29 Nov 2023 14:23

Instrument :

MSVOA_U

ClientSampleId :

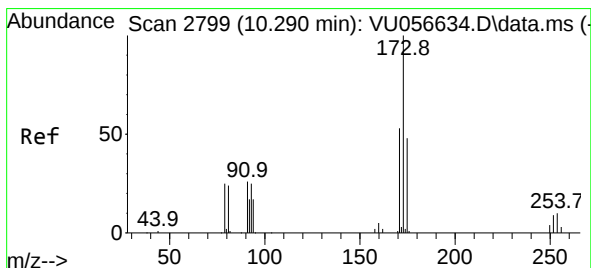
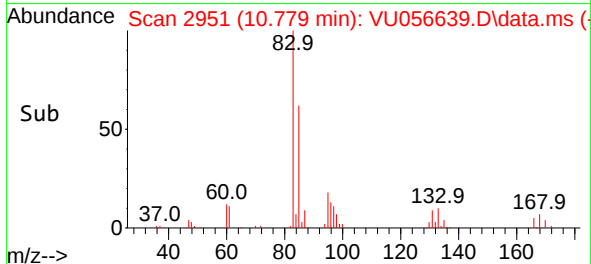
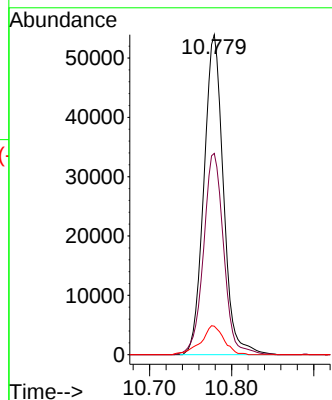
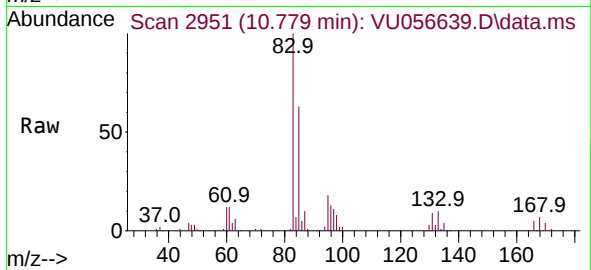
Tgt Ion: 83 Resp: 89036

Ion Ratio Lower Upper

83 100

85 62.9 46.3 86.1

131 8.9 6.7 10.1



#59

Bromoform

Concen: 5.311 ug/L

RT: 10.287 min Scan# 2798

Delta R.T. -0.003 min

Lab File: VU056639.D

Acq: 29 Nov 2023 14:23

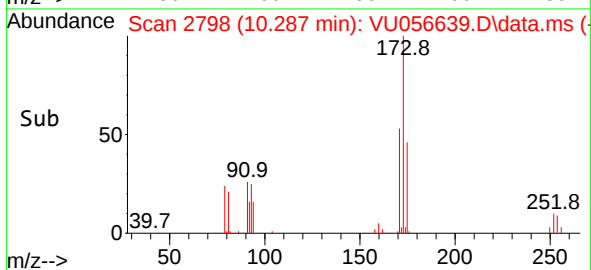
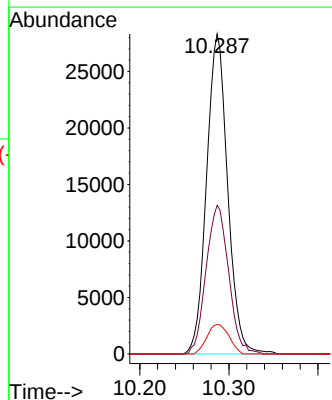
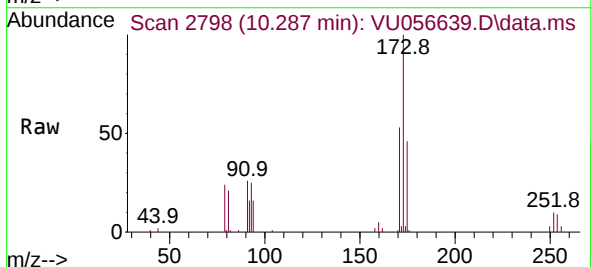
Tgt Ion: 173 Resp: 46501

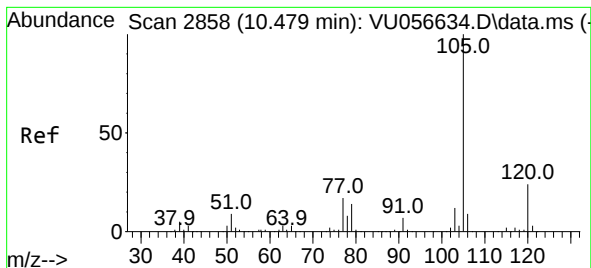
Ion Ratio Lower Upper

173 100

175 49.6 38.9 58.3

254 9.6 6.7 10.1





#60

Isopropylbenzene

Concen: 4.873 ug/L

RT: 10.480 min Scan# 2858

Delta R.T. 0.000 min

Lab File: VU056639.D

Acq: 29 Nov 2023 14:23

Instrument :

MSVOA_U

ClientSampleId :

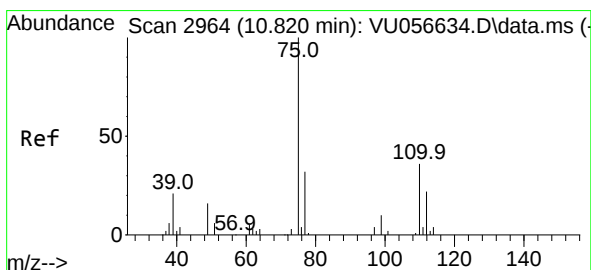
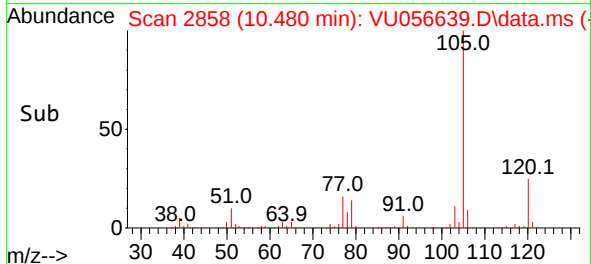
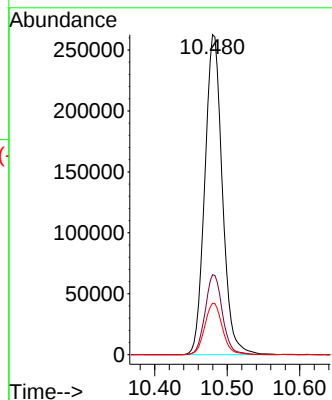
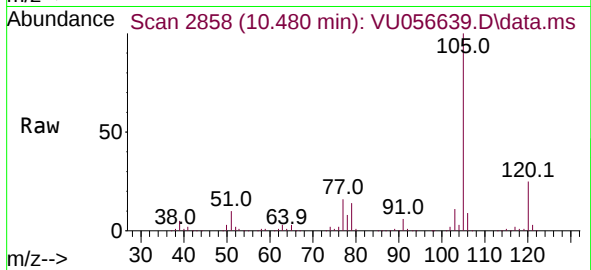
Tgt Ion:105 Resp: 441732

Ion Ratio Lower Upper

105 100

120 24.7 20.4 30.6

77 16.2 13.3 19.9



#61

1,2,3-Trichloropropane

Concen: 5.222 ug/L

RT: 10.817 min Scan# 2963

Delta R.T. -0.003 min

Lab File: VU056639.D

Acq: 29 Nov 2023 14:23

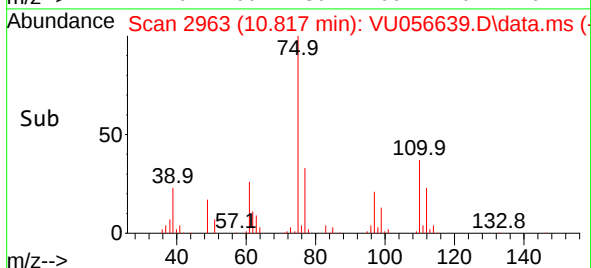
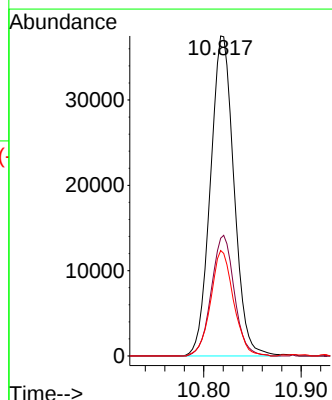
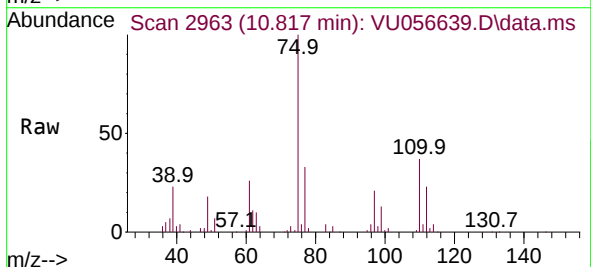
Tgt Ion: 75 Resp: 62981

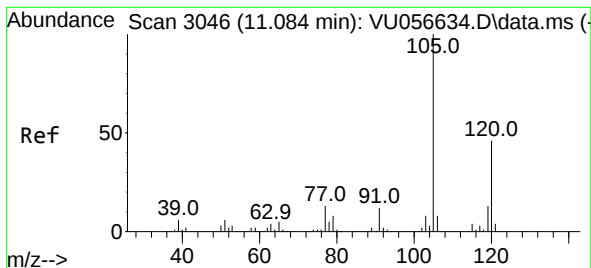
Ion Ratio Lower Upper

75 100

110 36.7 30.4 45.6

77 32.0 27.0 40.6





#62

1,3,5-Trimethylbenzene

Concen: 4.824 ug/L

RT: 11.084 min Scan# 3046

Delta R.T. 0.000 min

Lab File: VU056639.D

Acq: 29 Nov 2023 14:23

Instrument :

MSVOA_U

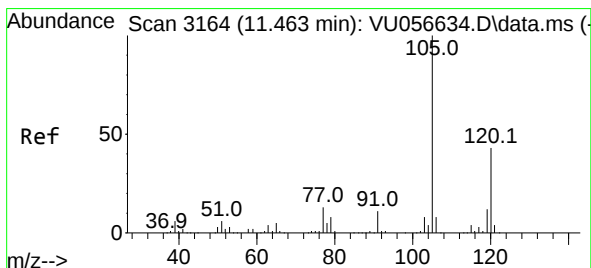
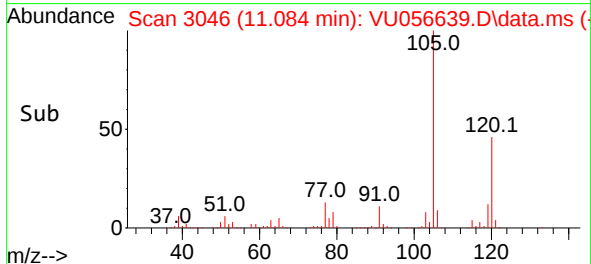
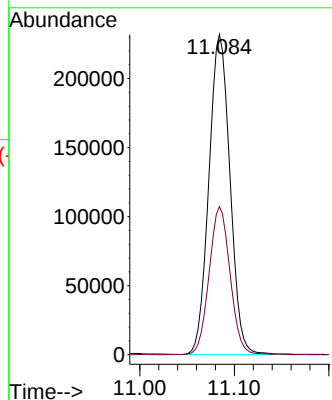
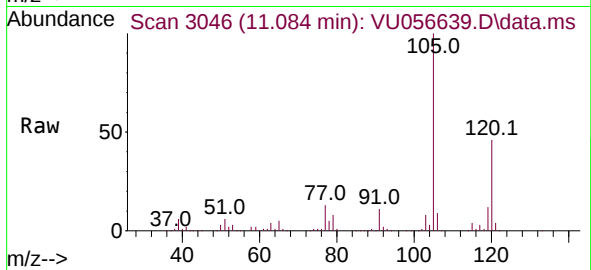
ClientSampleId :

Tgt Ion:105 Resp: 359041

Ion Ratio Lower Upper

105 100

120 46.0 37.2 55.8



#63

1,2,4-Trimethylbenzene

Concen: 4.913 ug/L

RT: 11.464 min Scan# 3164

Delta R.T. 0.000 min

Lab File: VU056639.D

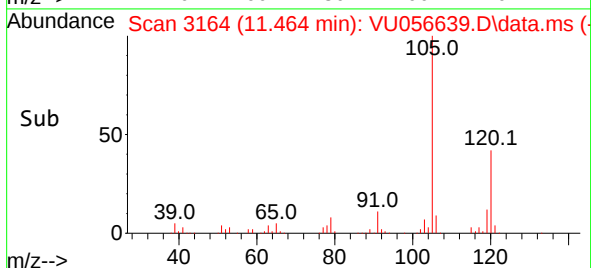
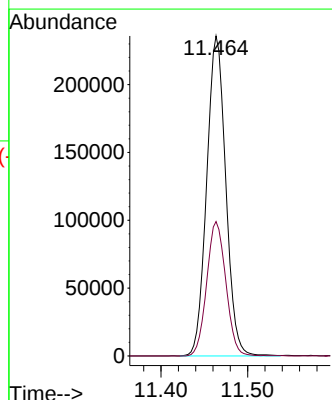
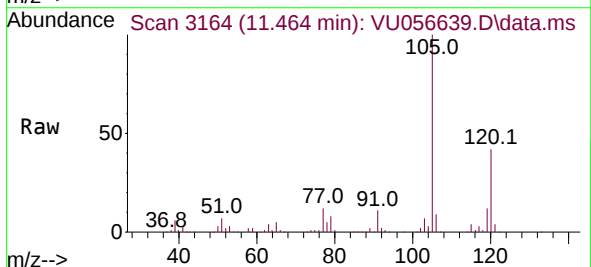
Acq: 29 Nov 2023 14:23

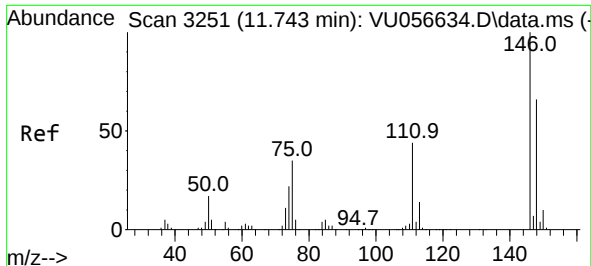
Tgt Ion:105 Resp: 360954

Ion Ratio Lower Upper

105 100

120 42.1 34.0 51.0

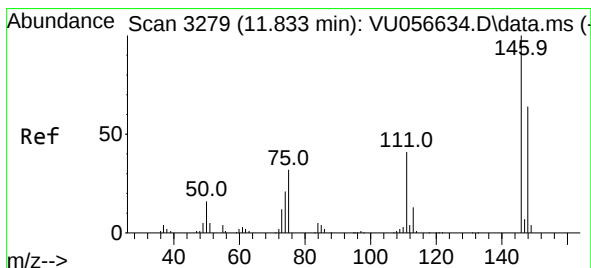
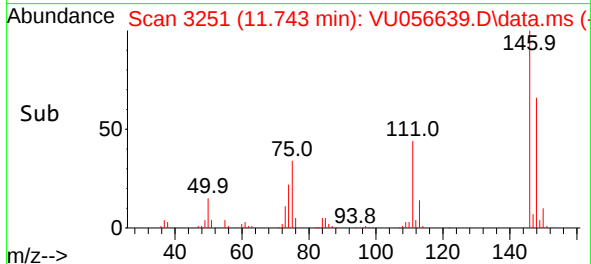
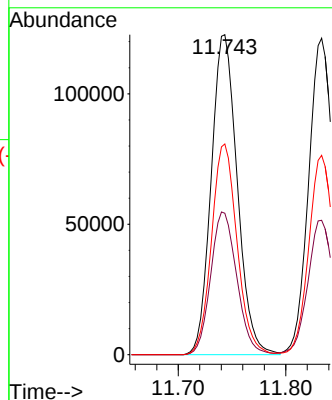
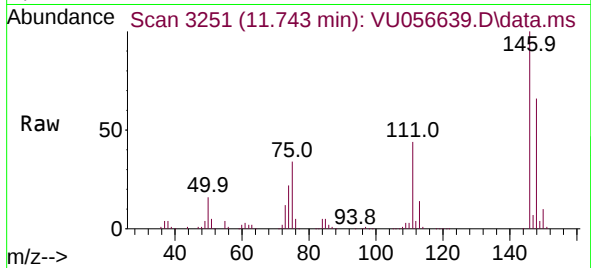




#64
1,3-Dichlorobenzene
Concen: 5.009 ug/L
RT: 11.743 min Scan# 3251
Delta R.T. 0.000 min
Lab File: VU056639.D
Acq: 29 Nov 2023 14:23

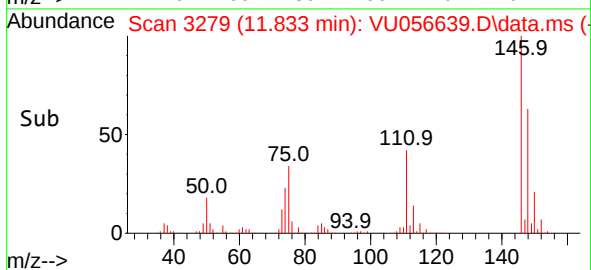
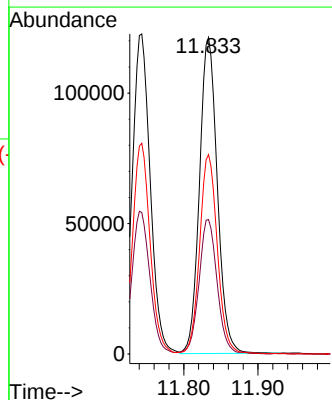
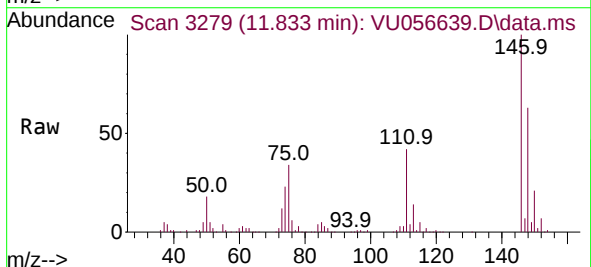
Instrument :
MSVOA_U
ClientSampleId :

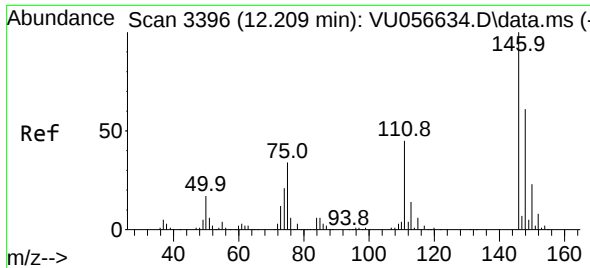
Tgt Ion:146 Resp: 206539
Ion Ratio Lower Upper
146 100
111 44.2 31.1 57.7
148 65.9 45.1 83.9



#65
1,4-Dichlorobenzene
Concen: 4.885 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. 0.000 min
Lab File: VU056639.D
Acq: 29 Nov 2023 14:23

Tgt Ion:146 Resp: 202063
Ion Ratio Lower Upper
146 100
111 42.5 30.5 56.7
148 63.0 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 4.994 ug/L

RT: 12.210 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU056639.D

Acq: 29 Nov 2023 14:23

Instrument :

MSVOA_U

ClientSampleId :

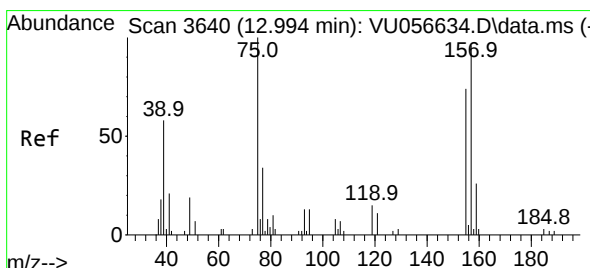
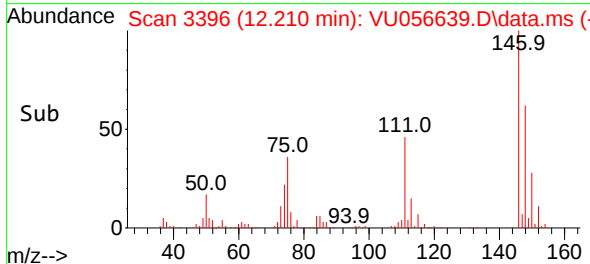
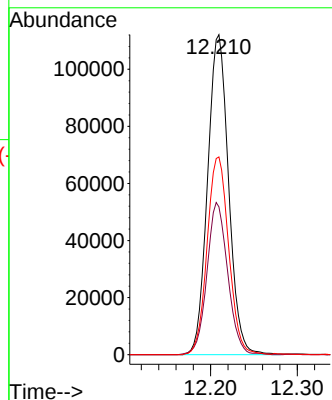
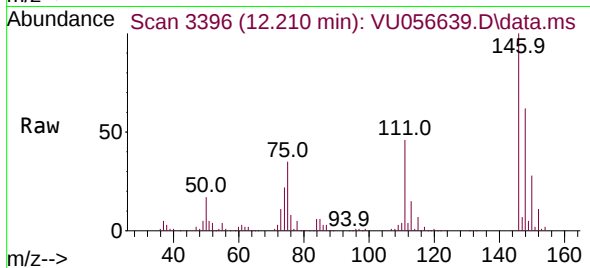
Tgt Ion:146 Resp: 188935

Ion Ratio Lower Upper

146 100

111 46.2 38.3 57.5

148 61.8 52.2 78.4



#68

1,2-Dibromo-3-chloropropane

Concen: 4.732 ug/L

RT: 12.994 min Scan# 3640

Delta R.T. 0.000 min

Lab File: VU056639.D

Acq: 29 Nov 2023 14:23

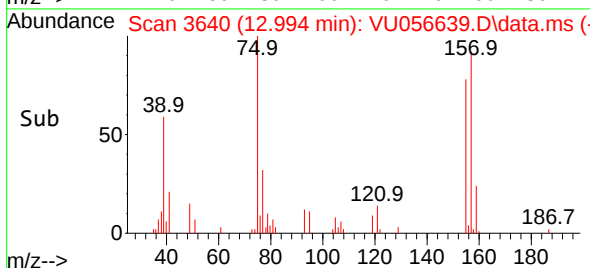
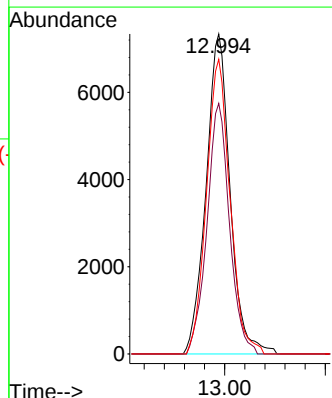
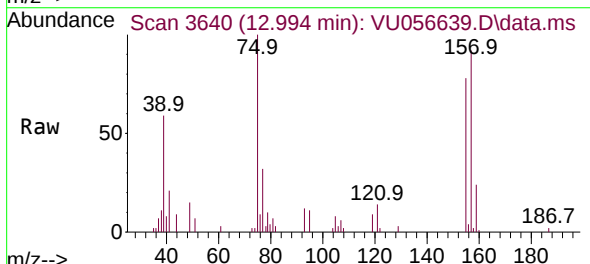
Tgt Ion: 75 Resp: 12189

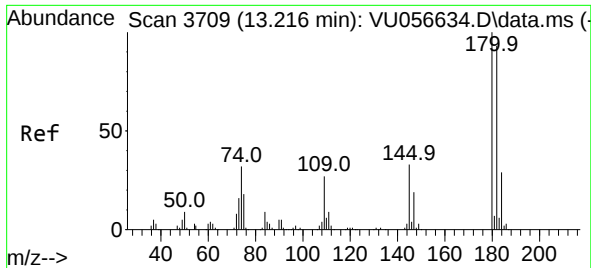
Ion Ratio Lower Upper

75 100

155 78.3 62.4 93.6

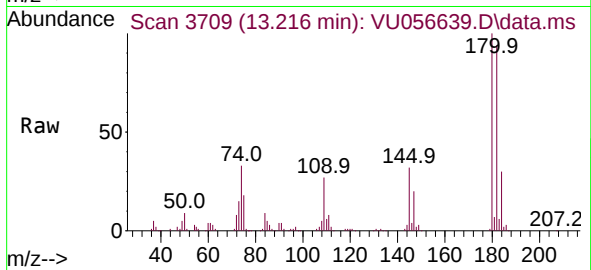
157 92.1 80.2 120.2



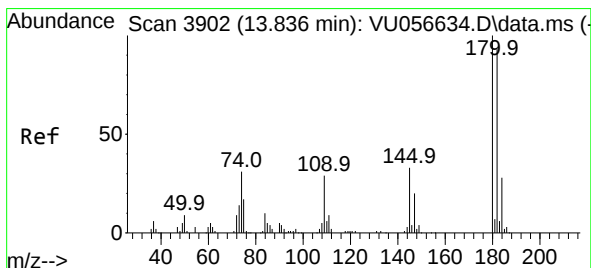
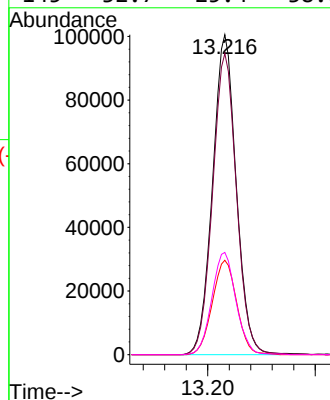
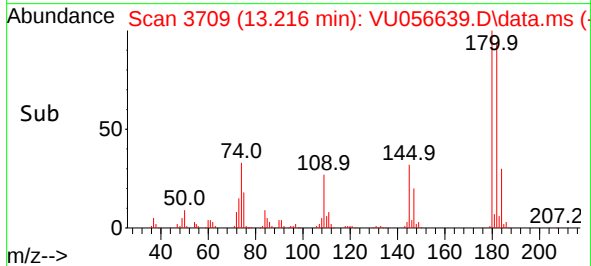


#69
 1,3,5-Trichlorobenzene
 Concen: 4.941 ug/L
 RT: 13.216 min Scan# 3709
 Delta R.T. 0.000 min
 Lab File: VU056639.D
 Acq: 29 Nov 2023 14:23

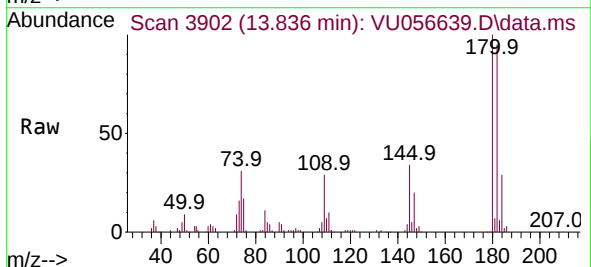
Instrument :
 MSVOA_U
 ClientSampleId :



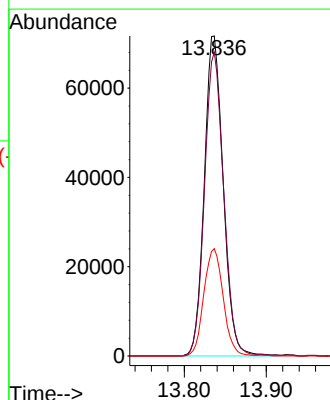
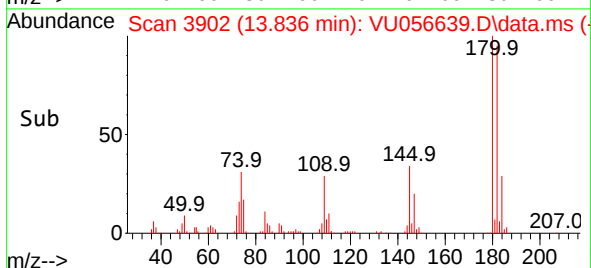
Tgt Ion:180 Resp: 153400
 Ion Ratio Lower Upper
 180 100
 182 95.1 75.1 112.7
 184 30.5 23.5 35.3
 145 32.7 25.4 38.0

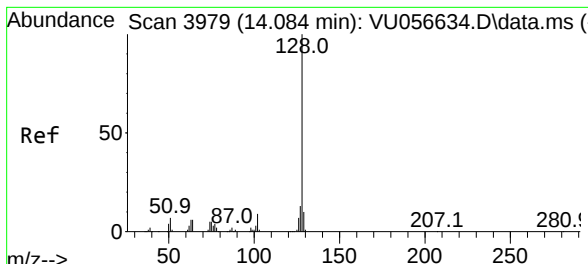


#70
 1,2,4-trichlorobenzene
 Concen: 4.549 ug/L
 RT: 13.836 min Scan# 3902
 Delta R.T. 0.000 min
 Lab File: VU056639.D
 Acq: 29 Nov 2023 14:23



Tgt Ion:180 Resp: 115040
 Ion Ratio Lower Upper
 180 100
 182 96.0 75.4 113.2
 145 34.2 26.8 40.2

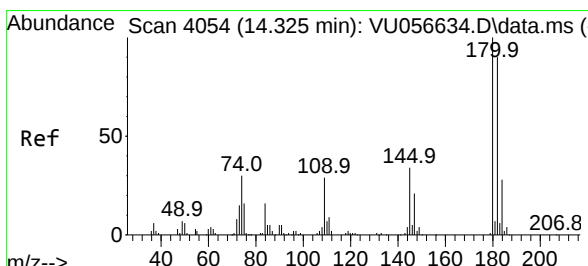
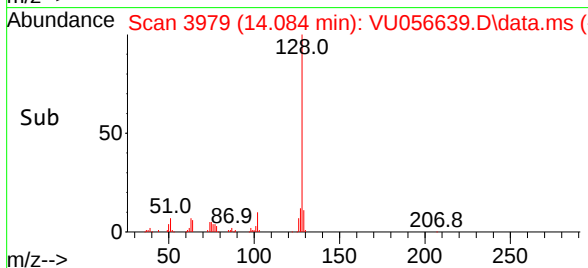
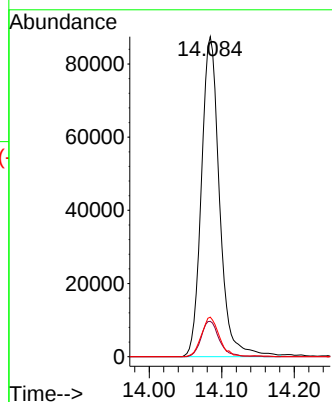
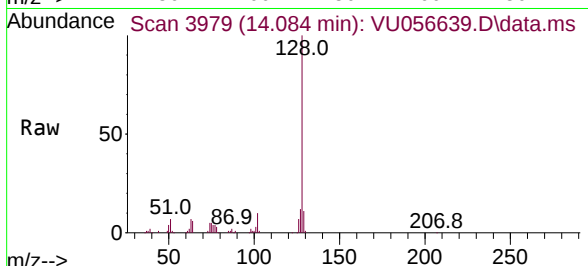




#71
Naphthalene
Concen: 3.981 ug/L
RT: 14.084 min Scan# 3979
Delta R.T. 0.000 min
Lab File: VU056639.D
Acq: 29 Nov 2023 14:23

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 152105
Ion Ratio Lower Upper
128 100
129 11.1 8.6 12.8
127 12.1 10.3 15.5



#72
1,2,3-Trichlorobenzene
Concen: 4.488 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VU056639.D
Acq: 29 Nov 2023 14:23

Tgt Ion:180 Resp: 93493
Ion Ratio Lower Upper
180 100
182 95.0 78.6 117.8
145 33.7 29.0 43.6

