

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122223\
 Data File : VU057202.D
 Acq On : 22 Dec 2023 20:10
 Operator : MD/SY
 Sample : 05894-10DL 4X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH3L6DL

Quant Time: Dec 22 22:51:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 22 22:46:58 2023
 Response via : Initial Calibration

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

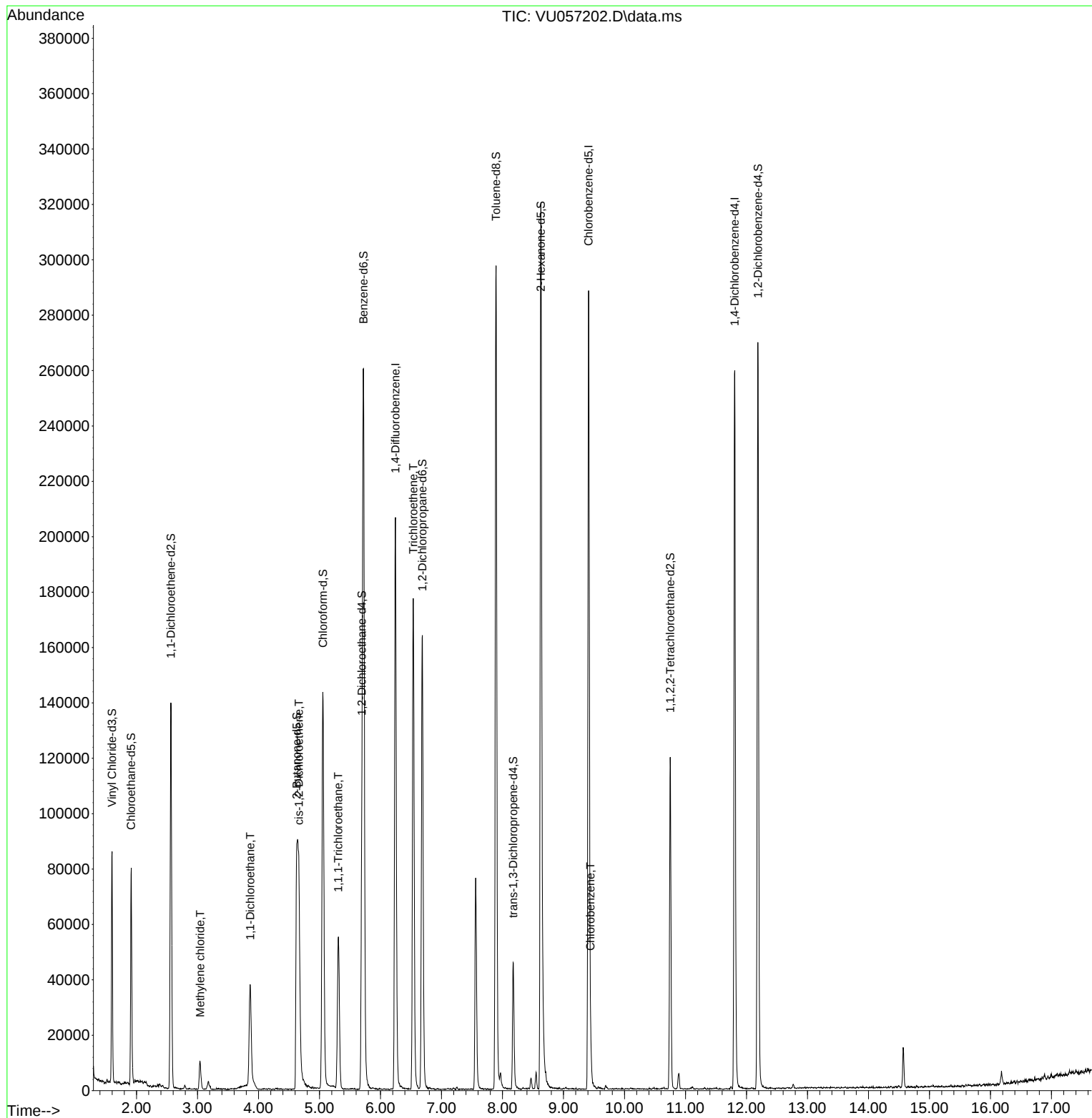
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	164468	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	166423	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	68765	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	59895	3.810	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.200%
7) Chloroethane-d5	1.911	69	56243	4.347	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.000%
11) 1,1-Dichloroethene-d2	2.563	65	26442	3.882	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.600%
20) 2-Butanone-d5	4.628	46	140141	56.780	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.560%
24) Chloroform-d	5.055	84	139769	4.604	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
26) 1,2-Dichloroethane-d4	5.695	65	71043	4.910	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.200%
32) Benzene-d6	5.721	84	246612	4.320	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.400%
36) 1,2-Dichloropropane-d6	6.685	67	77770	4.788	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.800%
41) Toluene-d8	7.894	98	203275	3.901	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.000%
43) trans-1,3-Dichloroprop...	8.174	79	28024	4.145	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.800%
46) 2-Hexanone-d5	8.627	63	111379	48.379	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.760%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	58909	5.097	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	70942	4.794	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.800%
Target Compounds						
16) Methylene chloride	3.042	84	5386	0.377	ug/L	93
19) 1,1-Dichloroethane	3.865	63	41997	1.765	ug/L	95
22) cis-1,2-Dichloroethene	4.663	96	29445	2.230	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	41918	1.585	ug/L	99
34) Trichloroethene	6.537	95	65578	4.251	ug/L	98
51) Chlorobenzene	9.441	112	7157	0.197	ug/L	93

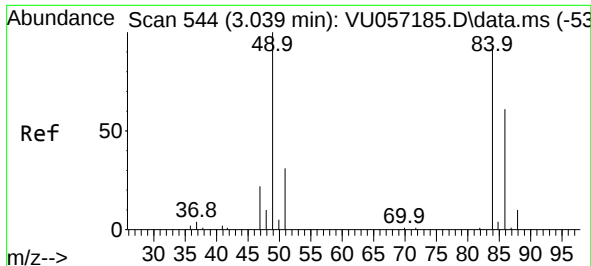
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122223\
Data File : VU057202.D
Acq On : 22 Dec 2023 20:10
Operator : MD/SY
Sample : 05894-10DL 4X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BH3L6DL

Quant Time: Dec 22 22:51:52 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122123WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Dec 22 22:46:58 2023
Response via : Initial Calibration

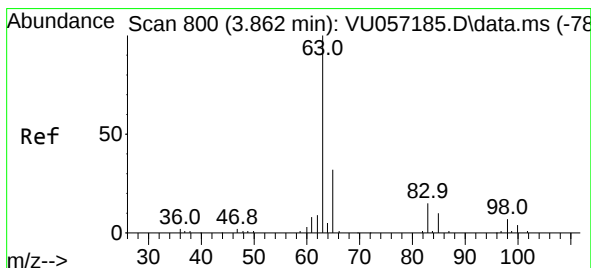
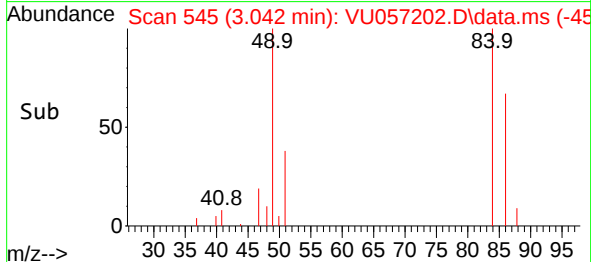
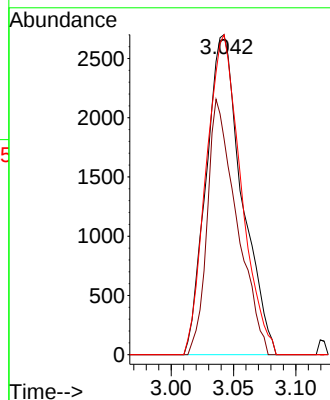
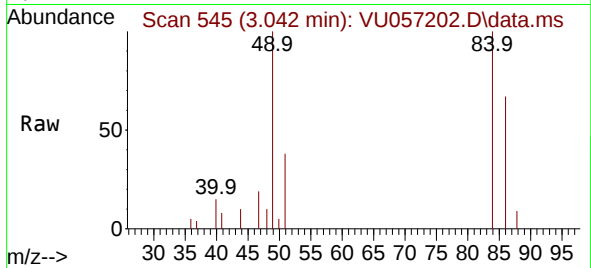




#16
Methylene chloride
Concen: 0.377 ug/L
RT: 3.042 min Scan# 544
Delta R.T. 0.003 min
Lab File: VU057202.D
Acq: 22 Dec 2023 20:10

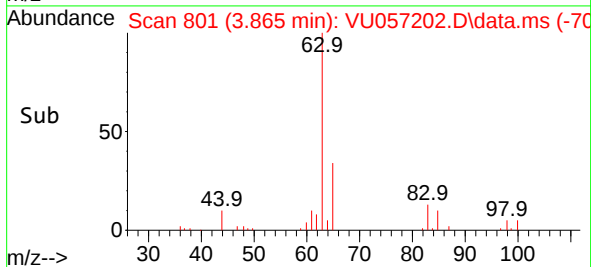
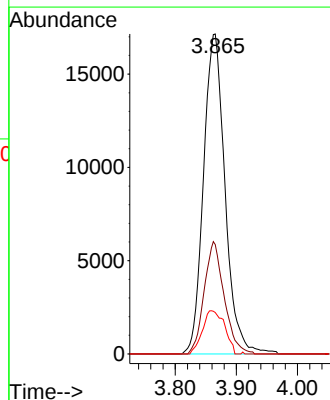
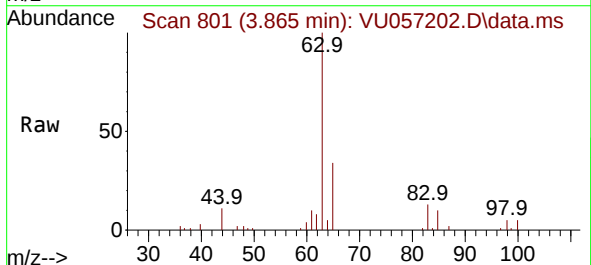
Instrument :
MSVOA_U
ClientSampleId :
BH3L6DL

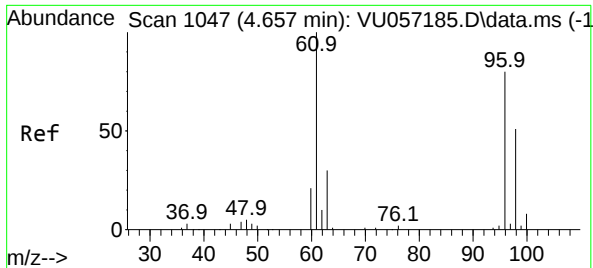
Tgt Ion: 84 Resp: 5386
Ion Ratio Lower Upper
84 100
86 67.5 44.7 82.9
49 100.0 76.0 141.2



#19
1,1-Dichloroethane
Concen: 1.765 ug/L
RT: 3.865 min Scan# 801
Delta R.T. 0.003 min
Lab File: VU057202.D
Acq: 22 Dec 2023 20:10

Tgt Ion: 63 Resp: 41997
Ion Ratio Lower Upper
63 100
65 34.2 21.6 40.2
83 12.9 10.2 19.0





#22

cis-1,2-Dichloroethene

Concen: 2.230 ug/L

RT: 4.663 min Scan# 1049

Delta R.T. 0.006 min

Lab File: VU057202.D

Acq: 22 Dec 2023 20:10

Instrument :

MSVOA_U

ClientSampleId :

BH3L6DL

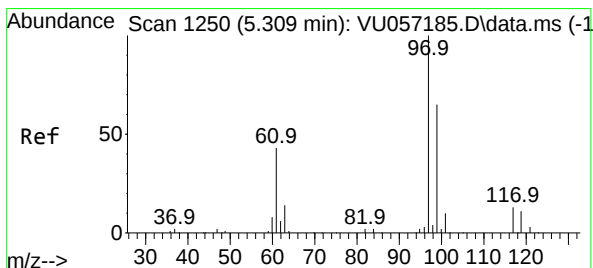
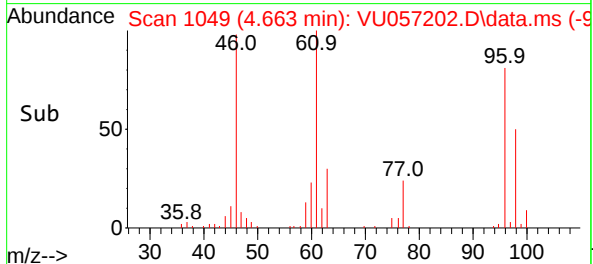
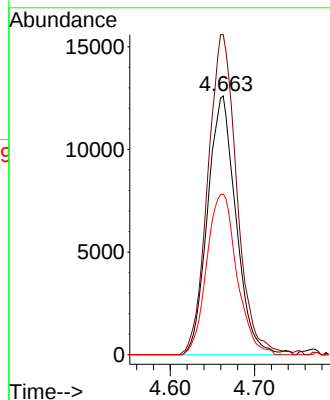
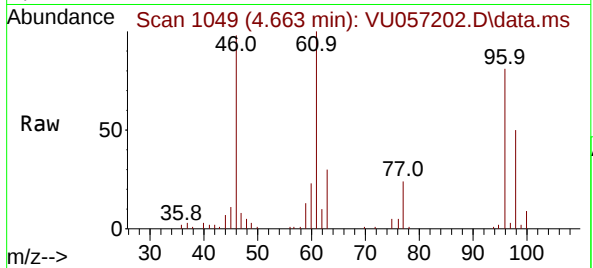
Tgt Ion: 96 Resp: 29445

Ion Ratio Lower Upper

96 100

61 123.7 86.8 161.2

98 62.1 45.5 84.5



#29

1,1,1-Trichloroethane

Concen: 1.585 ug/L

RT: 5.309 min Scan# 1250

Delta R.T. -0.000 min

Lab File: VU057202.D

Acq: 22 Dec 2023 20:10

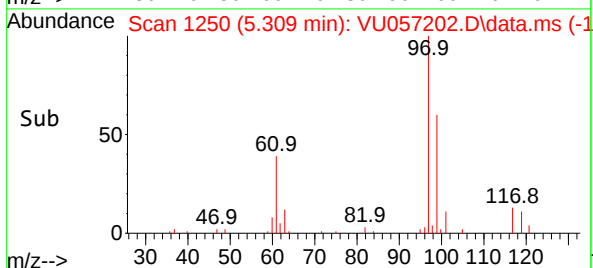
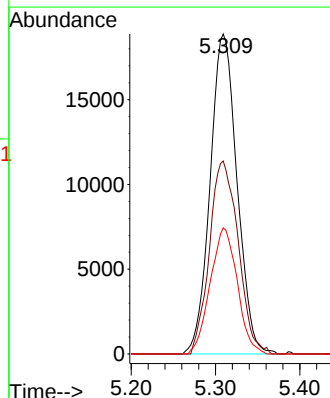
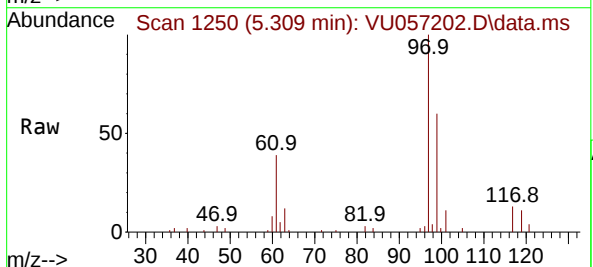
Tgt Ion: 97 Resp: 41918

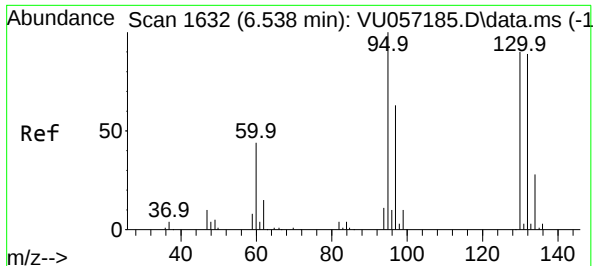
Ion Ratio Lower Upper

97 100

99 64.4 51.2 76.8

61 39.6 32.5 48.7





#34

Trichloroethene

Concen: 4.251 ug/L

RT: 6.537 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU057202.D

Acq: 22 Dec 2023 20:10

Instrument :

MSVOA_U

ClientSampleId :

BH3L6DL

Tgt Ion: 95 Resp: 65578

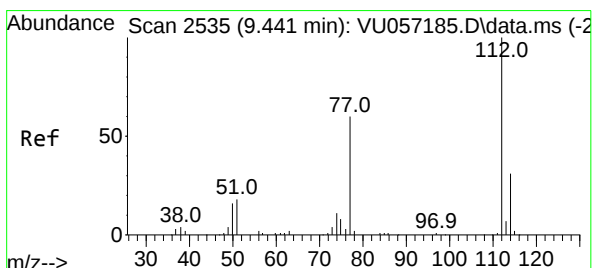
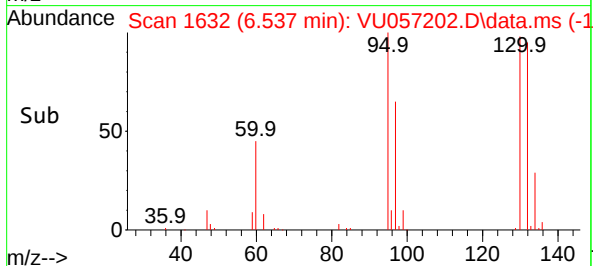
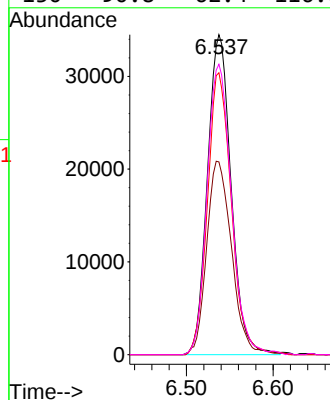
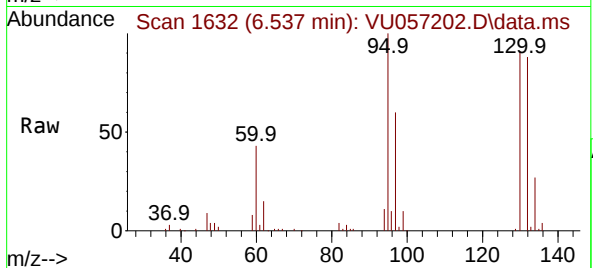
Ion Ratio Lower Upper

95 100

97 60.3 44.3 82.3

132 88.1 62.6 116.2

130 90.8 62.4 116.0



#51

Chlorobenzene

Concen: 0.197 ug/L

RT: 9.441 min Scan# 2535

Delta R.T. -0.000 min

Lab File: VU057202.D

Acq: 22 Dec 2023 20:10

Tgt Ion: 112 Resp: 7157

Ion Ratio Lower Upper

112 100

114 32.3 22.7 42.1

77 73.1 52.2 78.2

