

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122123\
 Data File : VU057155.D
 Acq On : 21 Dec 2023 23:40
 Operator : MD/SY
 Sample : 05894-18
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 22 00:23:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 21 23:30:13 2023
 Response via : Initial Calibration

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

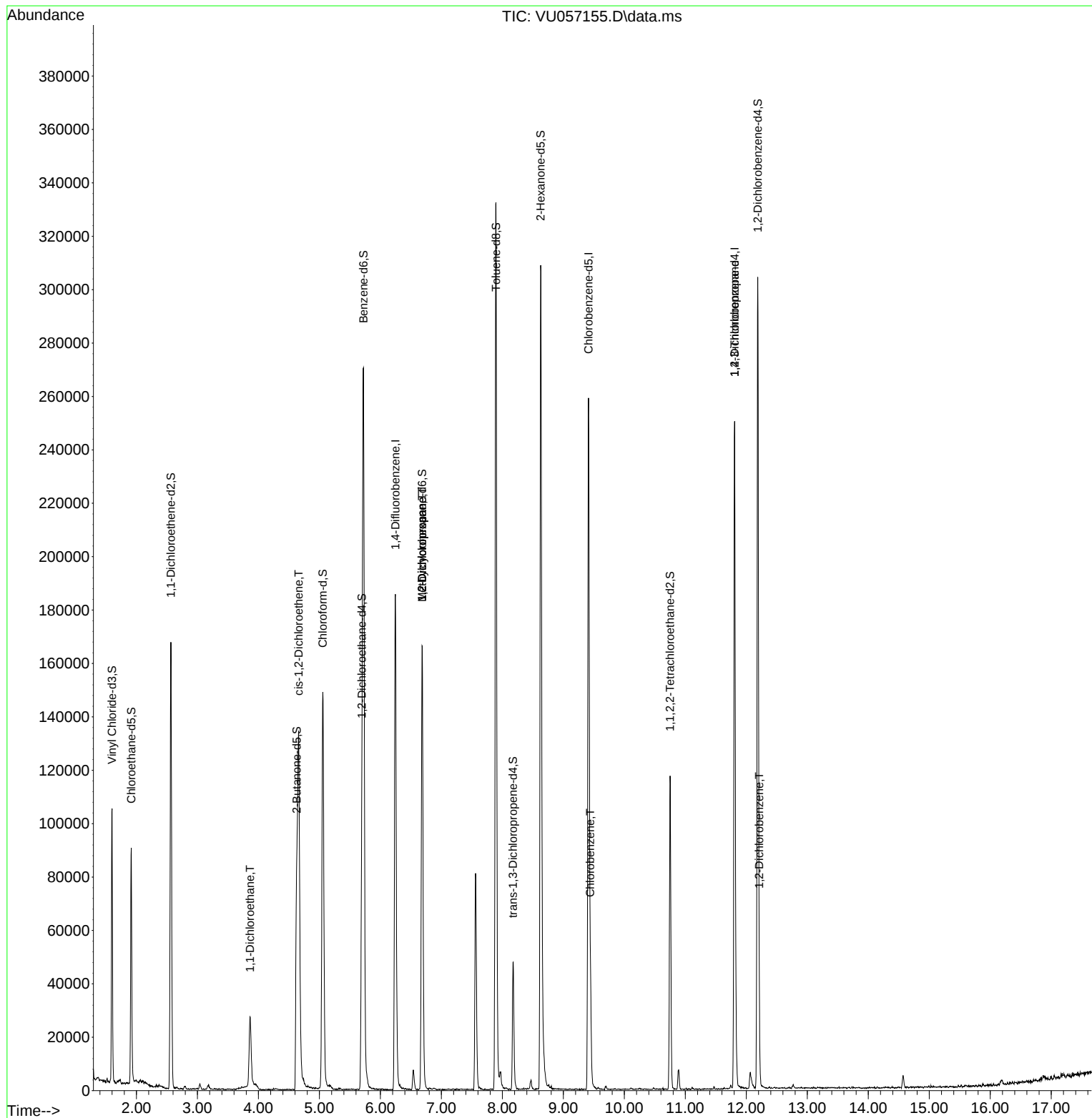
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	150745	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	147969	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	67154	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	73087	5.073	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.400%
7) Chloroethane-d5	1.914	69	63231	5.331	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.600%
11) 1,1-Dichloroethene-d2	2.563	65	32266	5.169	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	103.400%
20) 2-Butanone-d5	4.628	46	126604	55.965	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.920%
24) Chloroform-d	5.055	84	143211	5.147	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.000%
26) 1,2-Dichloroethane-d4	5.695	65	72076	5.435	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.800%
32) Benzene-d6	5.721	84	260175	5.126	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.600%
36) 1,2-Dichloropropane-d6	6.682	67	76945	5.328	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.600%
41) Toluene-d8	7.894	98	226011	4.878	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
43) trans-1,3-Dichloroprop...	8.174	79	29925	4.978	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.600%
46) 2-Hexanone-d5	8.627	63	107216	52.379	ug/L	-0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.760%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	55273	5.378	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	78419	5.427	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.600%
Target Compounds						
					Qvalue	
19) 1,1-Dichloroethane	3.862	63	30588	1.402	ug/L	96
22) cis-1,2-Dichloroethene	4.660	96	56409	4.661	ug/L	97
35) Methylcyclohexane	6.685	83	19467	1.078	ug/L #	19
37) 1,2-Dichloropropane	6.682	63	9521	0.816	ug/L #	89
51) Chlorobenzene	9.441	112	20378	0.630	ug/L	99
61) 1,2,3-Trichloropropane	11.807	75	9318	1.489	ug/L #	62
67) 1,2-Dichlorobenzene	12.209	146	5349	0.256	ug/L	96

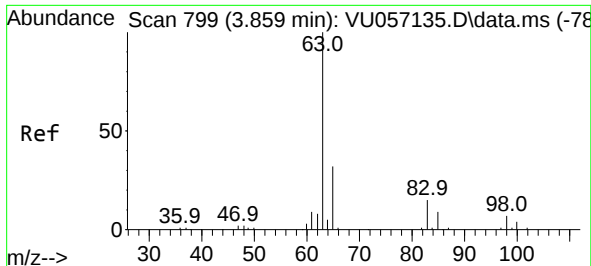
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#19

1,1-Dichloroethane

Concen: 1.402 ug/L

RT: 3.862 min Scan# 80

Delta R.T. 0.003 min

Lab File: VU057155.D

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Instrument :

MSVOA_U

ClientSampleId :

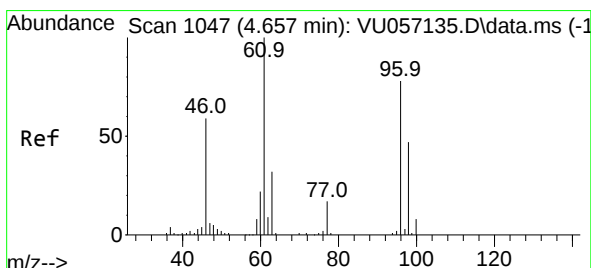
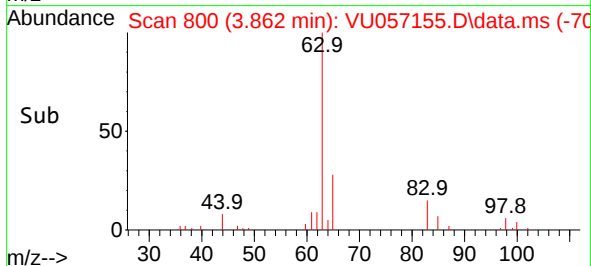
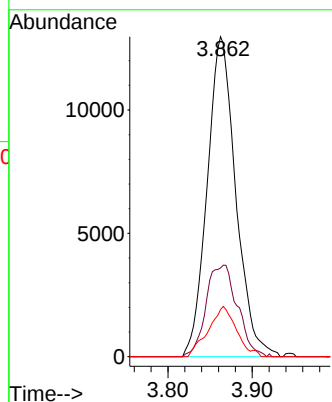
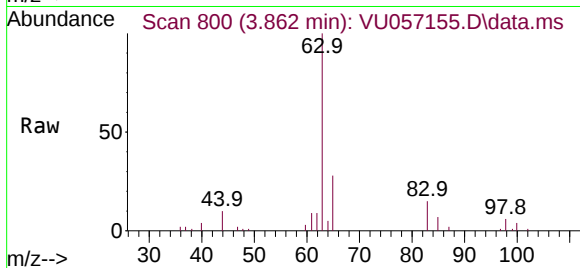
Tgt Ion: 63 Resp: 30588

Ion Ratio Lower Upper

63 100

65 27.7 21.6 40.2

83 14.7 10.2 19.0



#22

cis-1,2-Dichloroethene

Concen: 4.661 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. 0.003 min

Lab File: VU057155.D

Acq: 21 Dec 2023 23:40

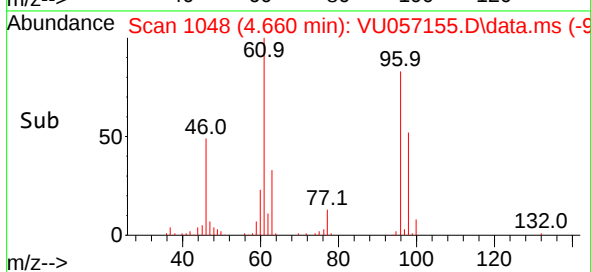
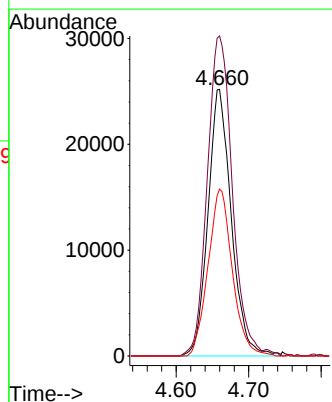
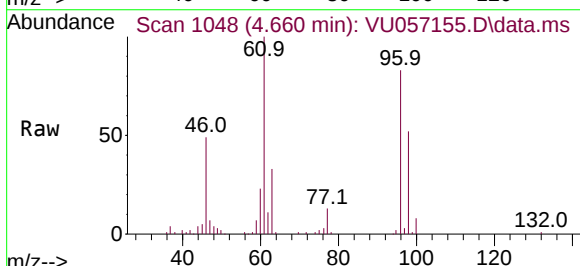
Tgt Ion: 96 Resp: 56409

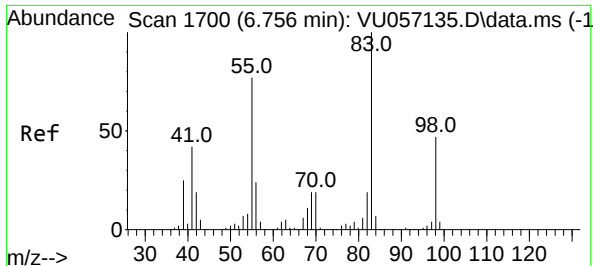
Ion Ratio Lower Upper

96 100

61 120.1 86.8 161.2

98 62.6 45.5 84.5

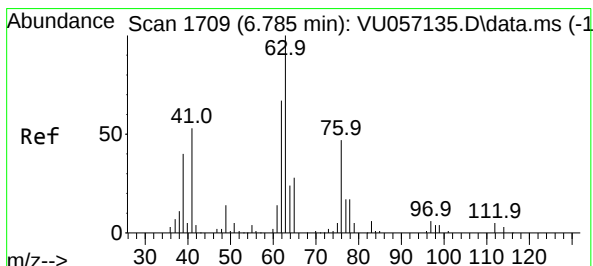
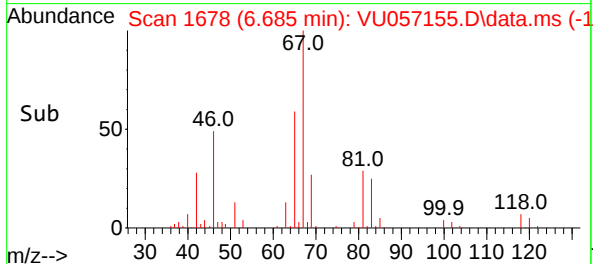
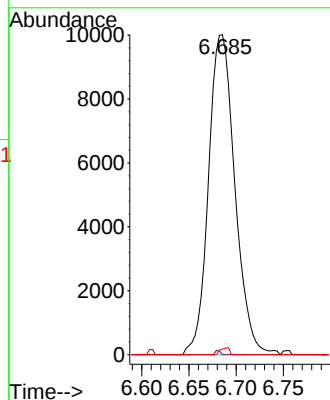
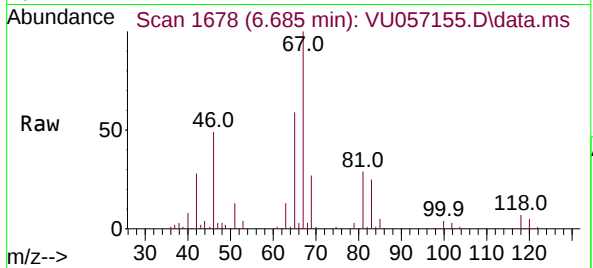




#35
Methylcyclohexane
Concen: 1.078 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.071 min
Lab File: VU057155.D
Acq: 21 Dec 2023 23:40

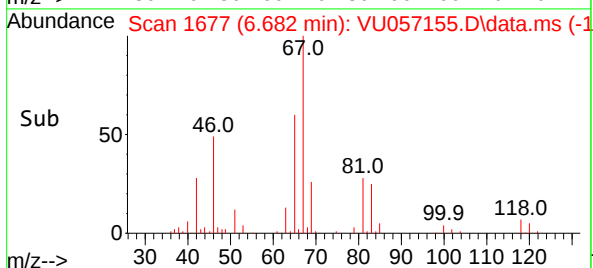
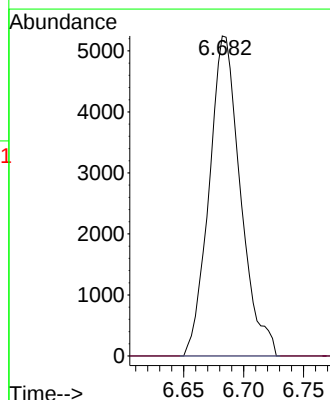
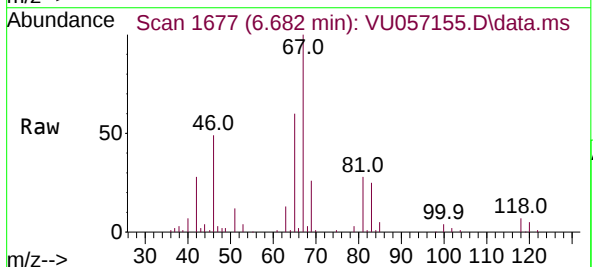
Instrument :
MSVOA_U
ClientSampleId :

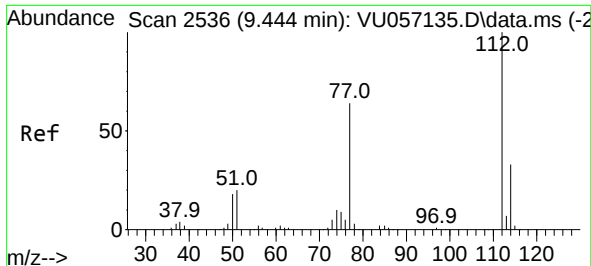
Tgt Ion: 83 Resp: 19467
Ion Ratio Lower Upper
83 100
55 0.2 61.3 91.9#
98 0.7 36.6 55.0#



#37
1,2-Dichloropropane
Concen: 0.816 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.103 min
Lab File: VU057155.D
Acq: 21 Dec 2023 23:40

Tgt Ion: 63 Resp: 9521
Ion Ratio Lower Upper
63 100
112 0.4 3.1 4.7#

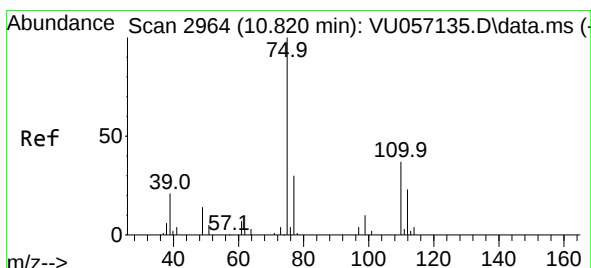
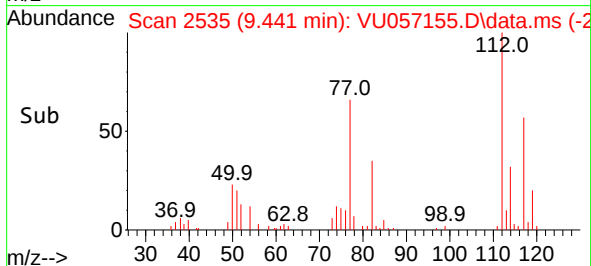
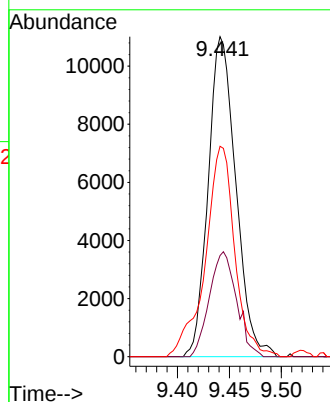
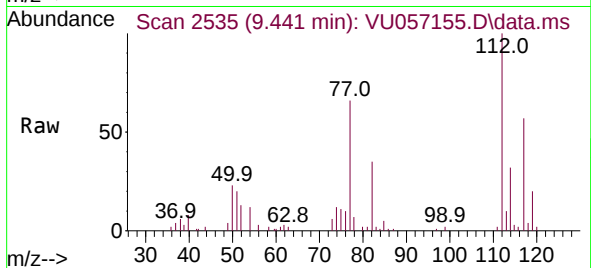




#51
Chlorobenzene
Concen: 0.630 ug/L
RT: 9.441 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU057155.D
Acq: 21 Dec 2023 23:40

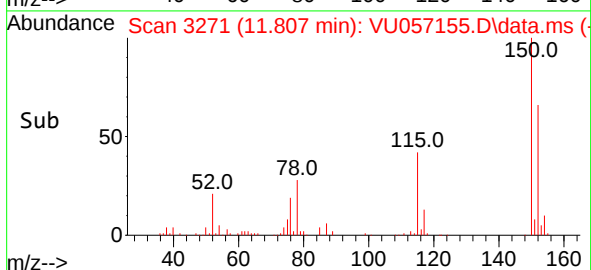
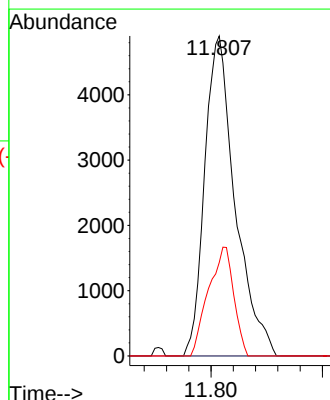
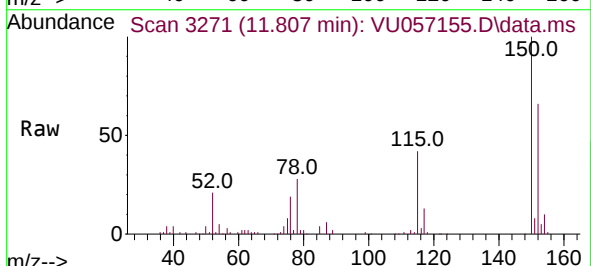
Instrument :
MSVOA_U
ClientSampleId :

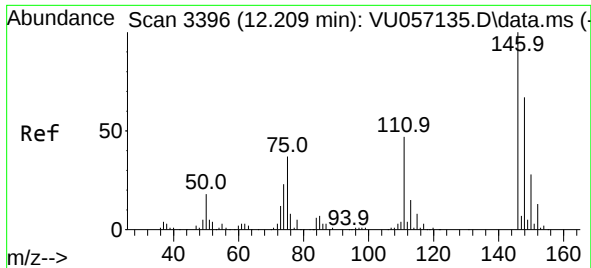
Tgt Ion:112 Resp: 20378
Ion Ratio Lower Upper
112 100
114 31.6 22.7 42.1
77 65.8 52.2 78.2



#61
1,2,3-Trichloropropane
Concen: 1.489 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.987 min
Lab File: VU057155.D
Acq: 21 Dec 2023 23:40

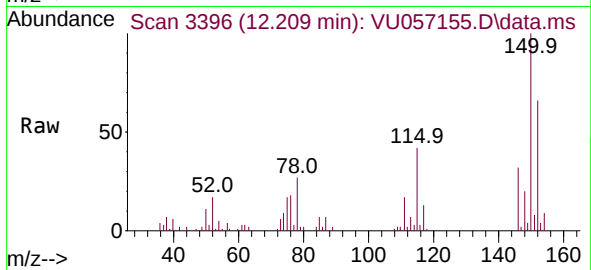
Tgt Ion: 75 Resp: 9318
Ion Ratio Lower Upper
75 100
110 0.0 31.2 46.8#
77 28.2 25.5 38.3





#67
 1,2-Dichlorobenzene
 Concen: 0.256 ug/L
 RT: 12.209 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU057155.D
 Acq: 21 Dec 2023 23:40

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	146	Resp:	5349
Ion	Ratio	Lower	Upper
146	100		
111	53.6	37.9	56.9
148	62.3	50.1	75.1

