

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103123\
 Data File : VU056019.D
 Acq On : 31 Oct 2023 17:44
 Operator : MD/SY
 Sample : 05113-03DL 4X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 01 01:11:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 01 01:09:14 2023
 Response via : Initial Calibration

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

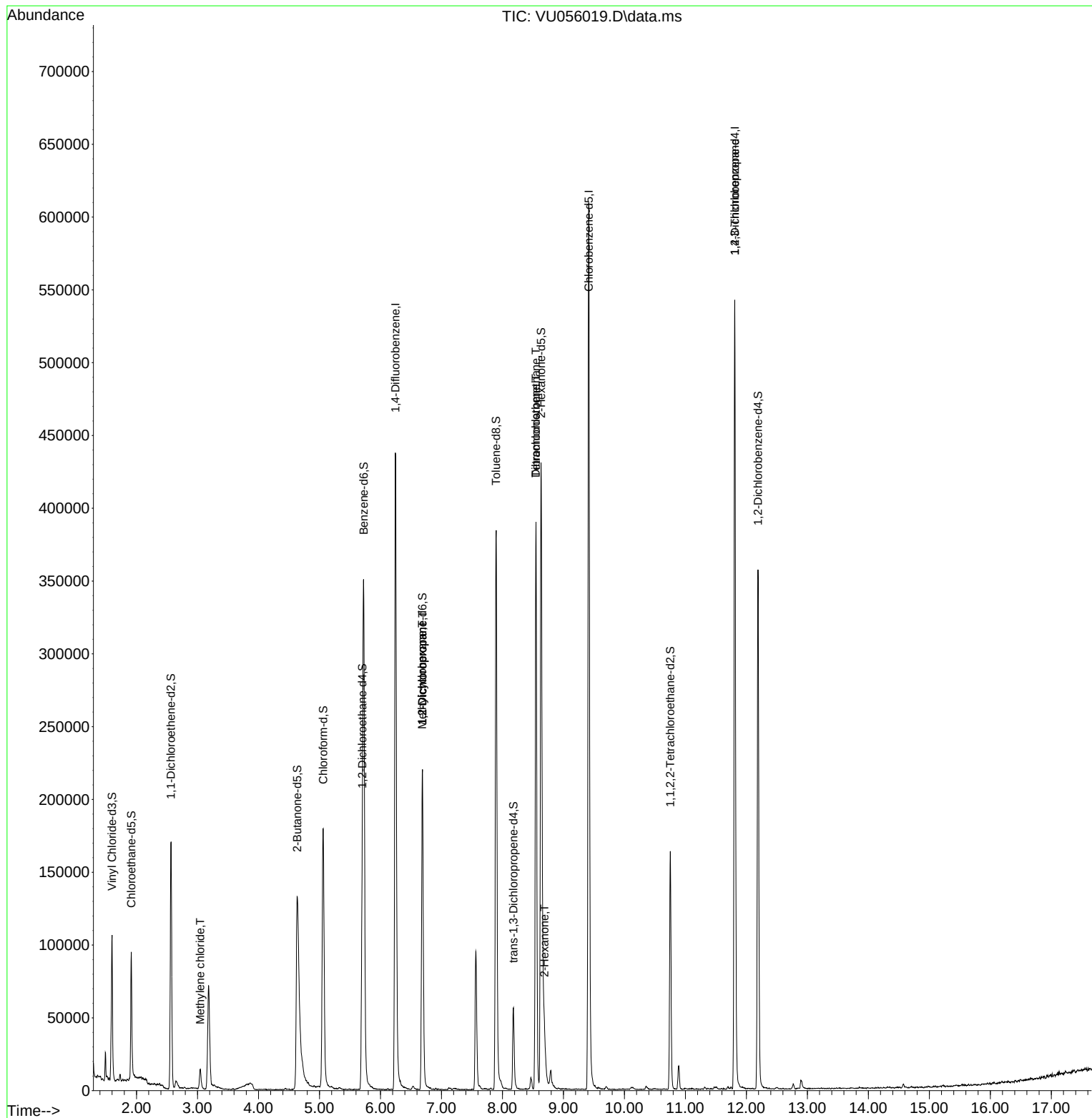
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	374503	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	366040	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	156013	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	71203	2.403	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	48.000%
7) Chloroethane-d5	1.914	69	68314	2.958	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	59.200%#
11) 1,1-Dichloroethene-d2	2.563	65	32342	2.572	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	51.400%#
20) 2-Butanone-d5	4.634	46	204969	38.783	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.560%
24) Chloroform-d	5.062	84	177888	3.240	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	64.800%#
26) 1,2-Dichloroethane-d4	5.701	65	86712	3.242	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	64.800%#
32) Benzene-d6	5.724	84	346922	3.182	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	63.600%#
36) 1,2-Dichloropropane-d6	6.689	67	110852	3.430	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	68.600%
41) Toluene-d8	7.898	98	277979	2.810	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	56.200%#
43) trans-1,3-Dichloroprop...	8.180	79	36092	2.855	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	57.000%
46) 2-Hexanone-d5	8.634	63	157670	49.132	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.260%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	83560	3.550	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	71.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	99701	3.425	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	68.600%#
Target Compounds						
					Qvalue	
16) Methylene chloride	3.046	84	7513	0.365	ug/L	85
35) Methylcyclohexane	6.685	83	25762	0.845	ug/L #	18
37) 1,2-Dichloropropane	6.689	63	11796	0.550	ug/L #	89
47) Tetrachloroethene	8.550	164	87968	5.559	ug/L	98
48) 2-Hexanone	8.688	43	18879	2.322	ug/L #	82
49) Dibromochloromethane	8.550	129	86535	5.227	ug/L #	11
61) 1,2,3-Trichloropropane	11.811	75	18564	1.733	ug/L #	67

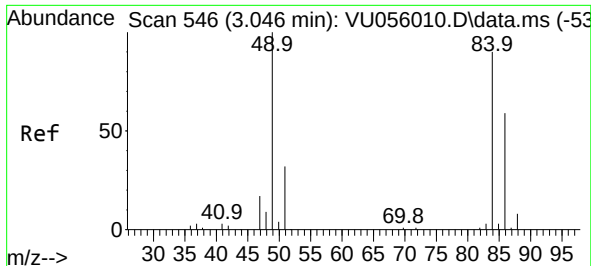
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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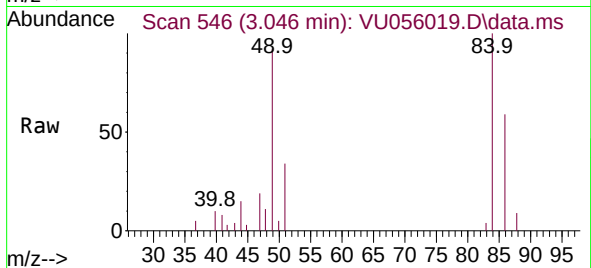
Quant Time: Nov 01 01:11:41 2023
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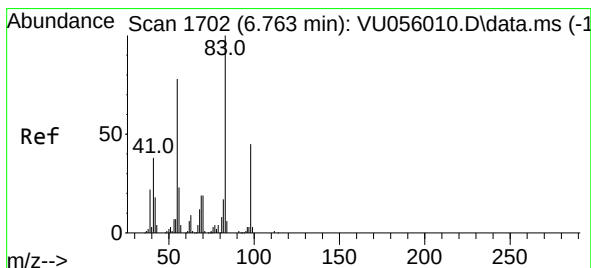
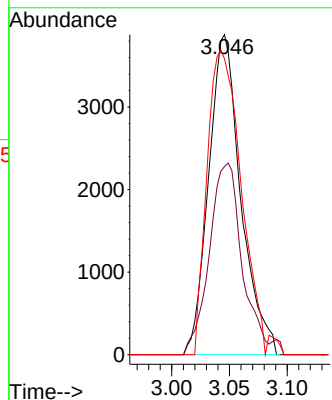
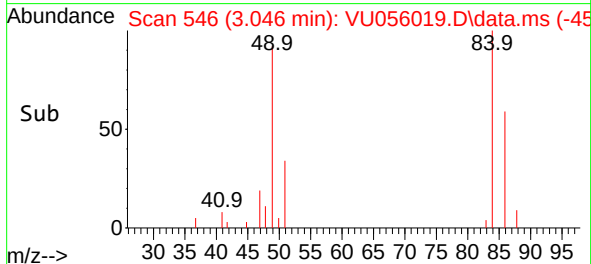


#16
Methylene chloride
Concen: 0.365 ug/L
RT: 3.046 min Scan# 54
Delta R.T. 0.000 min
Lab File: VU056019.D
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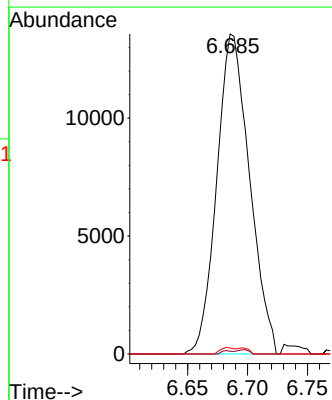
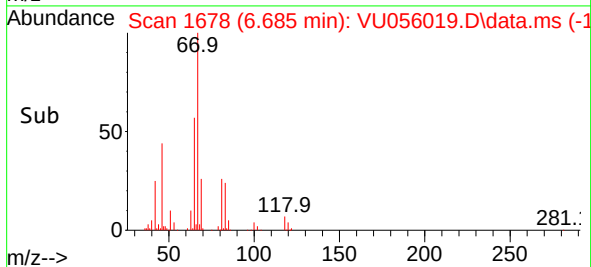
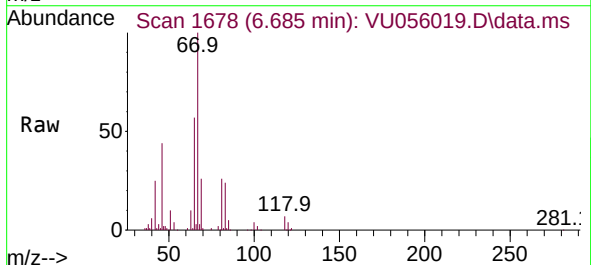


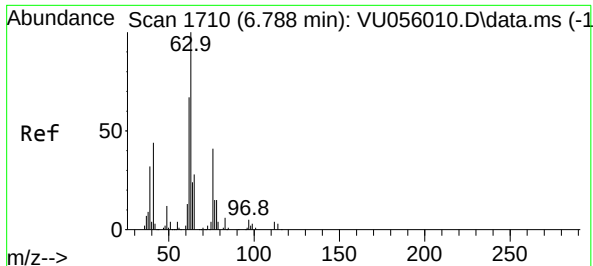
Tgt Ion: 84 Resp: 7513
Ion Ratio Lower Upper
84 100
86 58.8 45.2 84.0
49 92.4 78.8 146.3



#35
Methylcyclohexane
Concen: 0.845 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.077 min
Lab File: VU056019.D
Acq: 31 Oct 2023 17:44

Tgt Ion: 83 Resp: 25762
Ion Ratio Lower Upper
83 100
55 0.4 62.4 93.6#
98 0.8 37.4 56.2#





#37

1,2-Dichloropropane

Concen: 0.550 ug/L

RT: 6.689 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU056019.D

Acq: 31 Oct 2023 17:44

Instrument :

MSVOA_U

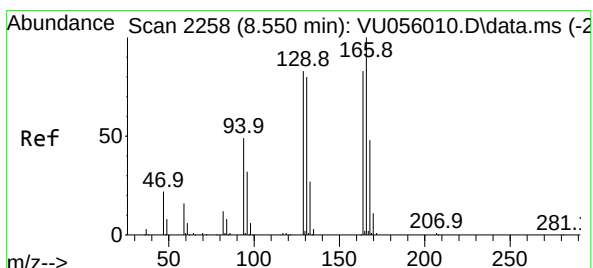
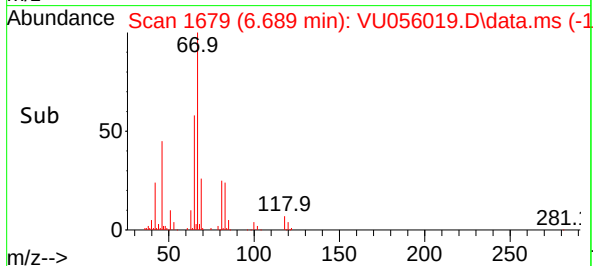
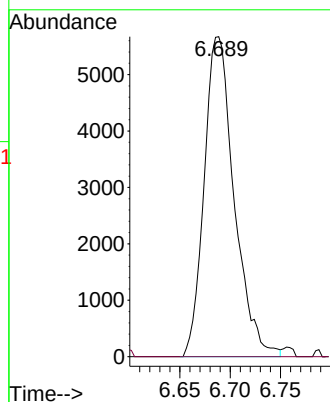
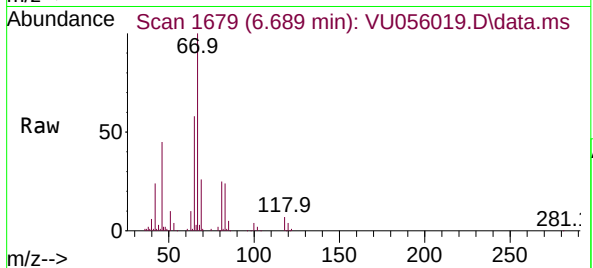
ClientSampleId :

Tgt Ion: 63 Resp: 11796

Ion Ratio Lower Upper

63 100

112 0.4 3.1 4.7#



#47

Tetrachloroethene

Concen: 5.559 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. 0.000 min

Lab File: VU056019.D

Acq: 31 Oct 2023 17:44

Tgt Ion:164 Resp: 87968

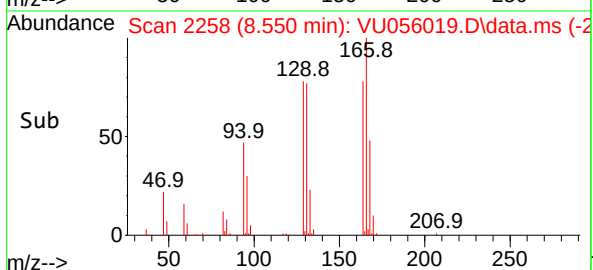
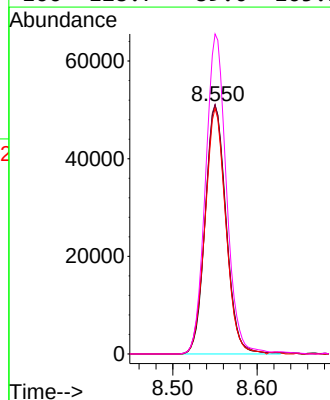
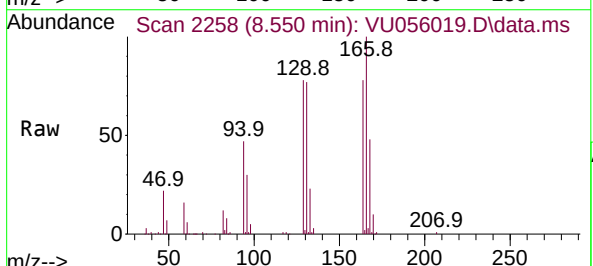
Ion Ratio Lower Upper

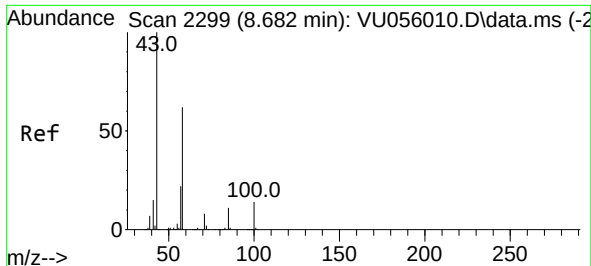
164 100

129 100.3 72.2 134.0

131 98.8 70.8 131.6

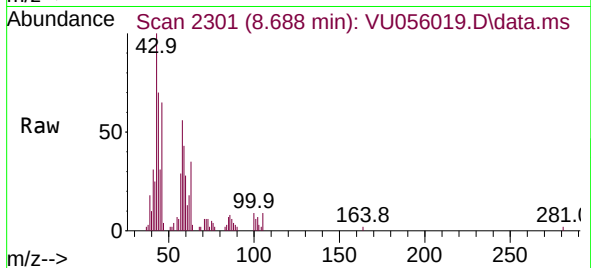
166 128.7 89.0 165.2



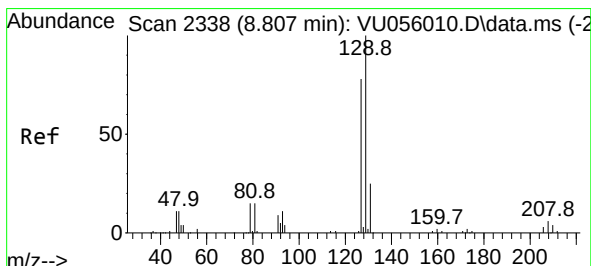
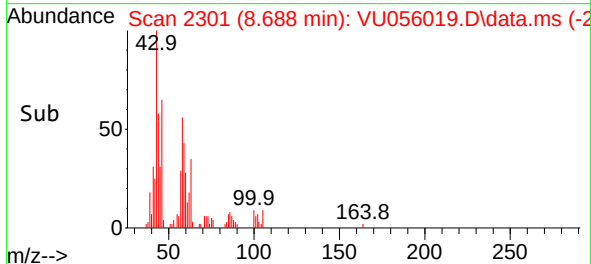
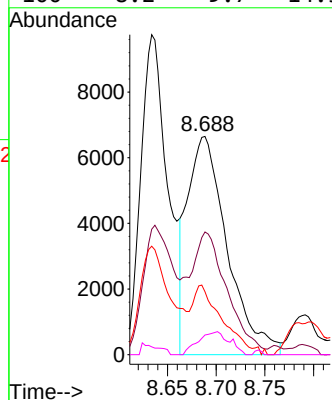


#48
2-Hexanone
Concen: 2.322 ug/L
RT: 8.688 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU056019.D
Acq: 31 Oct 2023 17:44

Instrument :
MSVOA_U
ClientSampleId :

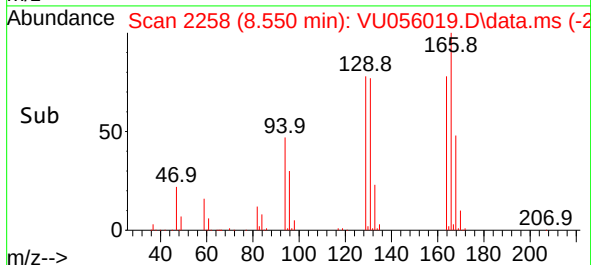
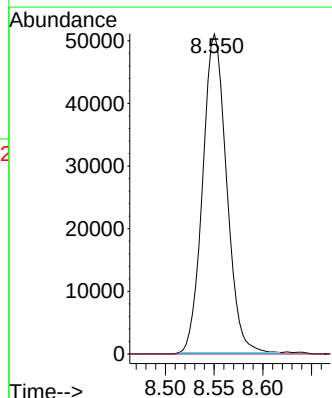
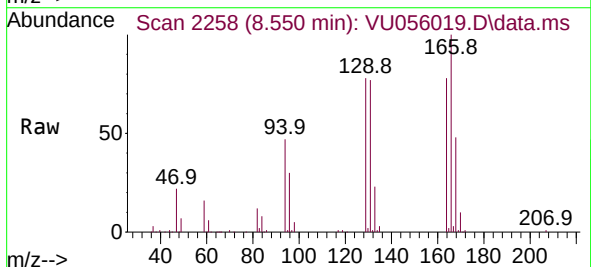


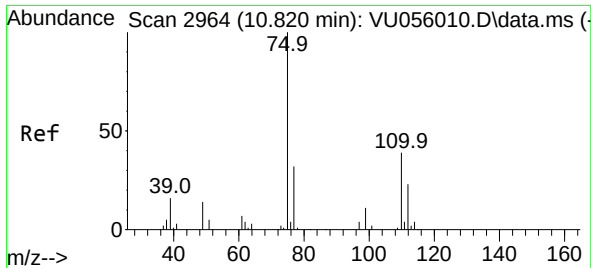
Tgt Ion: 43 Resp: 18879
Ion Ratio Lower Upper
43 100
58 43.1 49.5 74.3#
57 23.4 16.9 25.3
100 8.2 9.7 14.5#



#49
Dibromochloromethane
Concen: 5.227 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.257 min
Lab File: VU056019.D
Acq: 31 Oct 2023 17:44

Tgt Ion: 129 Resp: 86535
Ion Ratio Lower Upper
129 100
127 0.0 53.5 99.5#





#61

1,2,3-Trichloropropane

Concen: 1.733 ug/L

RT: 11.811 min Scan# 31

Delta R.T. 0.990 min

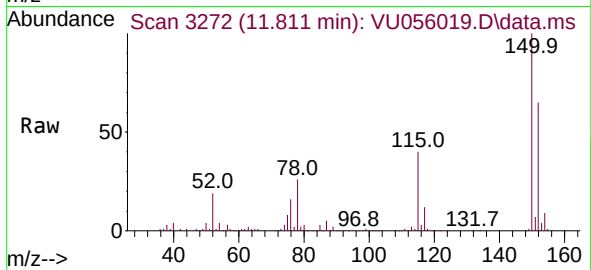
Lab File: VU056019.D

Acq: 31 Oct 2023 17:44

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 75 Resp: 18564

Ion Ratio Lower Upper

75 100

110 2.3 29.0 43.6#

77 33.1 24.5 36.7

