

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102823\
 Data File : VU055981.D
 Acq On : 28 Oct 2023 18:06
 Operator : MD/SY
 Sample : 05114-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 30 04:56:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Oct 30 04:51:15 2023
 Response via : Initial Calibration

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

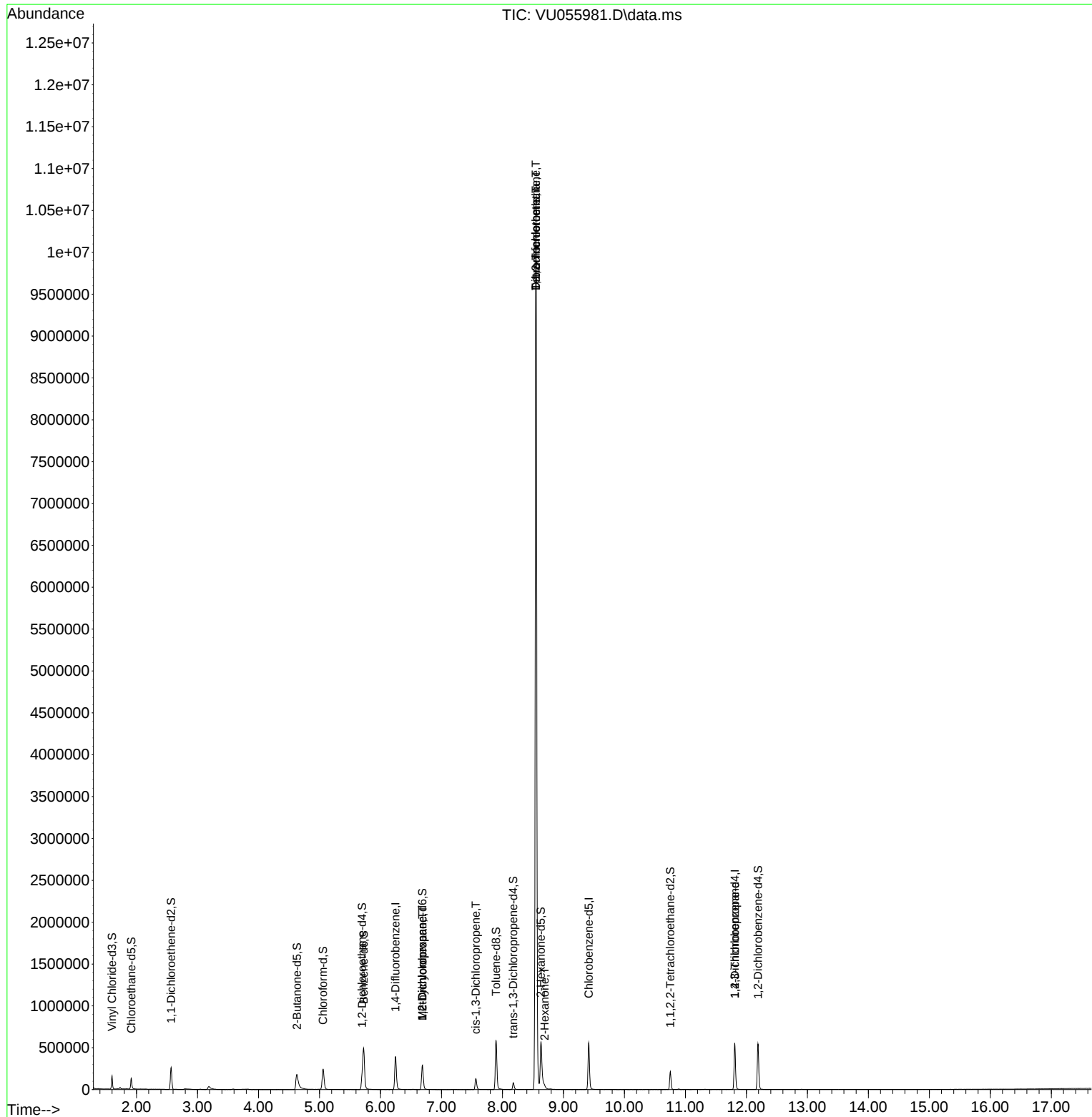
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	335792	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	332927	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	156561	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	113510	4.273	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.400%
7) Chloroethane-d5	1.914	69	100101	4.835	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.600%
11) 1,1-Dichloroethene-d2	2.566	65	49674	4.405	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.000%
20) 2-Butanone-d5	4.631	46	241263	50.913	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.820%
24) Chloroform-d	5.058	84	240365	4.883	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
26) 1,2-Dichloroethane-d4	5.698	65	116608	4.863	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.200%
32) Benzene-d6	5.724	84	490687	4.948	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
36) 1,2-Dichloropropane-d6	6.688	67	152264	5.179	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.600%
41) Toluene-d8	7.894	98	422201	4.693	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.800%
43) trans-1,3-Dichloroprop...	8.177	79	51446	4.474	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.400%
46) 2-Hexanone-d5	8.630	63	201727	69.113	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	138.220%#
56) 1,1,2,2-Tetrachloroeth...	10.753	84	107813	5.036	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	153207	5.245	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.000%
Target Compounds						
35) Methylcyclohexane	6.688	83	35377	1.275	ug/L #	18
37) 1,2-Dichloropropane	6.688	63	15430	0.791	ug/L #	89
39) cis-1,3-Dichloropropene	7.563	75	3576	0.129	ug/L #	67
45) 1,1,2-Trichloroethane	8.547	97	21399	1.560	ug/L #	2
47) Tetrachloroethene	8.550	164	2385058	165.711	ug/L	98
48) 2-Hexanone	8.692	43	23017	3.113	ug/L #	75
49) Dibromochloromethane	8.550	129	2364413	157.025	ug/L #	11
61) 1,2,3-Trichloropropane	11.810	75	17973	1.672	ug/L #	67

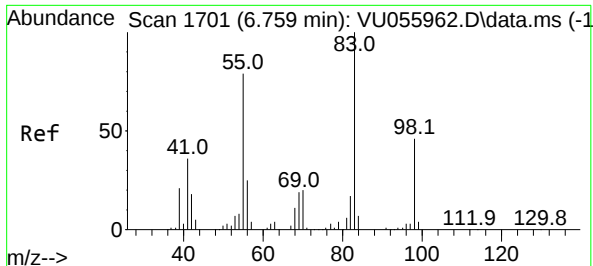
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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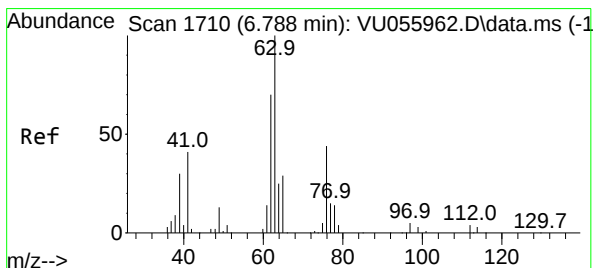
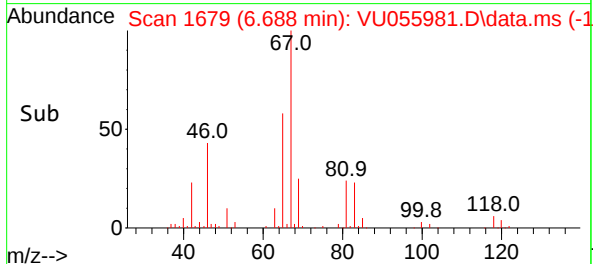
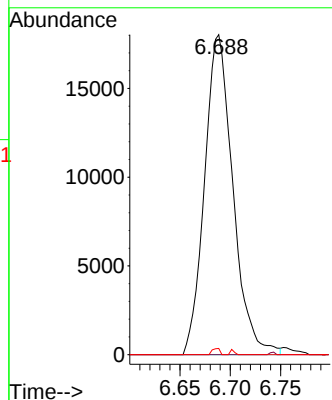
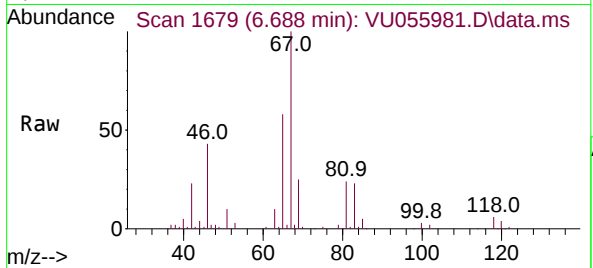




#35
Methylcyclohexane
Concen: 1.275 ug/L
RT: 6.688 min Scan# 1679
Delta R.T. -0.071 min
Lab File: VU055981.D
Acq: 28 Oct 2023 18:06

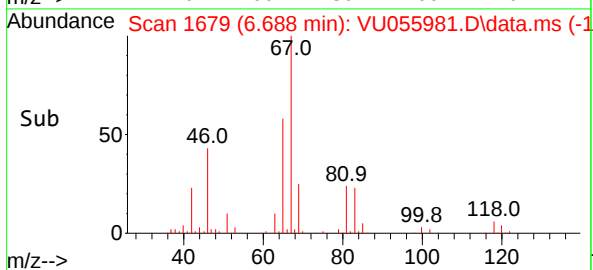
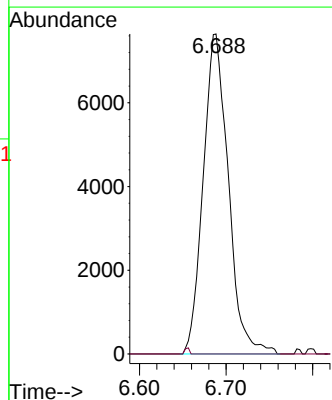
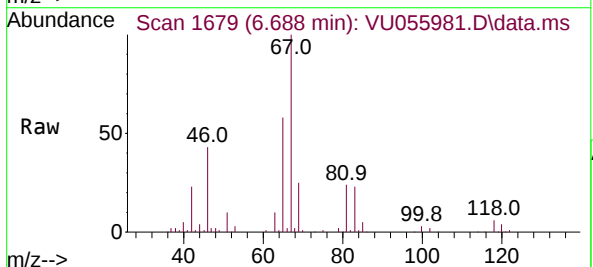
Instrument :
MSVOA_U
ClientSampleId :

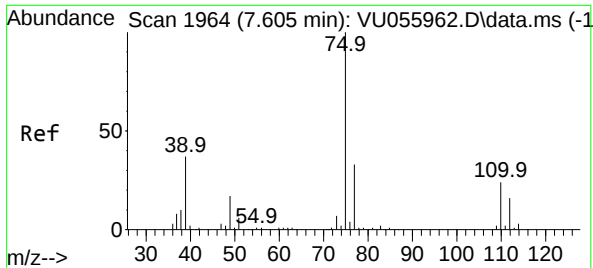
Tgt Ion: 83 Resp: 35377
Ion Ratio Lower Upper
83 100
55 0.0 62.4 93.6#
98 0.5 37.4 56.2#



#37
1,2-Dichloropropane
Concen: 0.791 ug/L
RT: 6.688 min Scan# 1679
Delta R.T. -0.100 min
Lab File: VU055981.D
Acq: 28 Oct 2023 18:06

Tgt Ion: 63 Resp: 15430
Ion Ratio Lower Upper
63 100
112 0.3 3.1 4.7#





#39

cis-1,3-Dichloropropene

Concen: 0.129 ug/L

RT: 7.563 min Scan# 1964

Delta R.T. -0.042 min

Lab File: VU055981.D

Acq: 28 Oct 2023 18:06

Instrument :

MSVOA_U

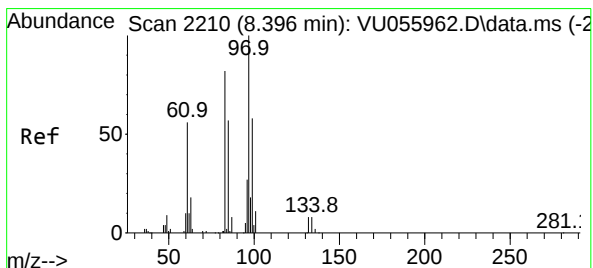
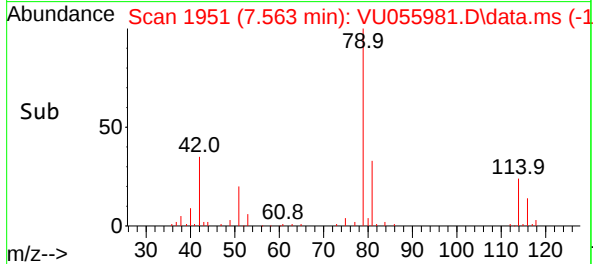
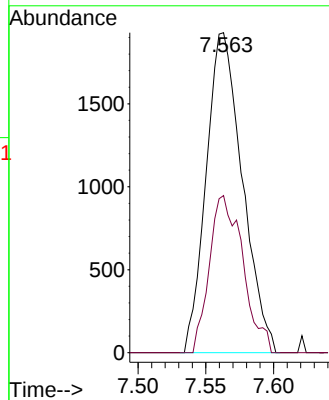
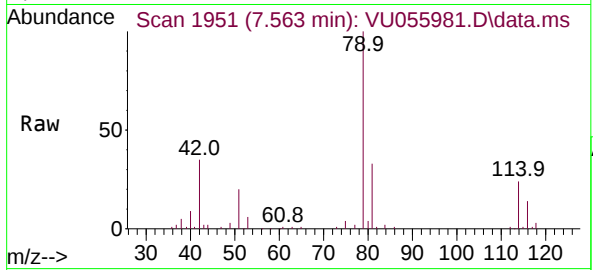
ClientSampleId :

Tgt Ion: 75 Resp: 3576

Ion Ratio Lower Upper

75 100

77 49.1 21.7 40.3#



#45

1,1,2-Trichloroethane

Concen: 1.560 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. 0.151 min

Lab File: VU055981.D

Acq: 28 Oct 2023 18:06

Tgt Ion: 97 Resp: 21399

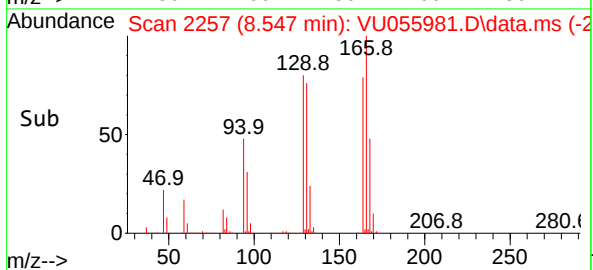
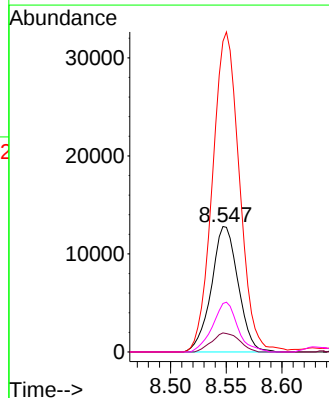
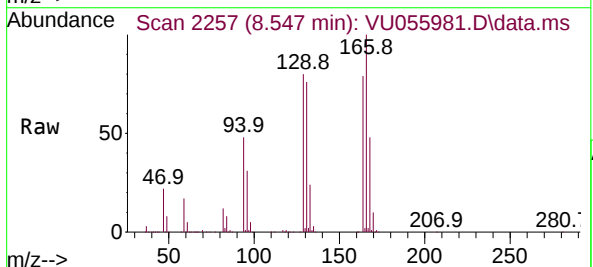
Ion Ratio Lower Upper

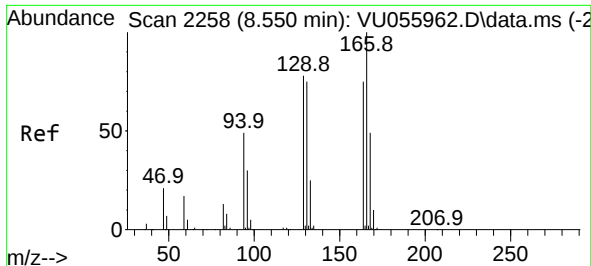
97 100

99 15.1 45.3 84.1#

83 247.5 61.9 115.1#

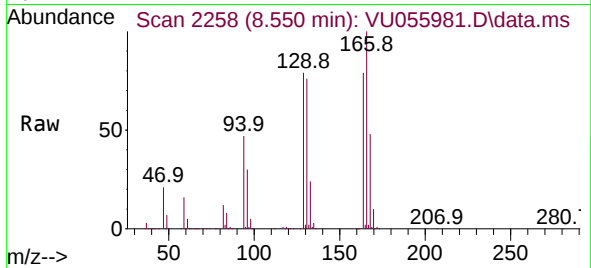
85 38.6 41.9 77.9#



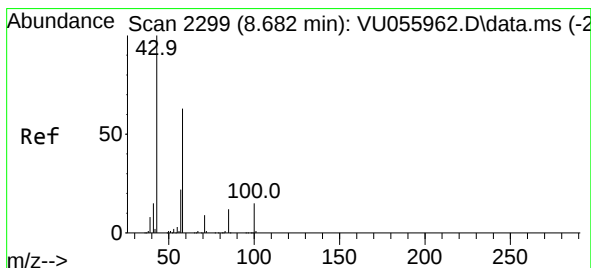
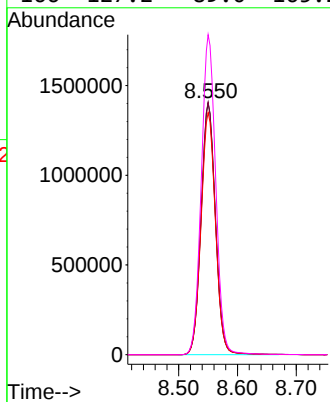
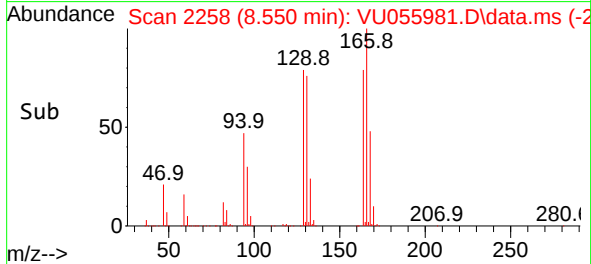


#47
Tetrachloroethene
Concen: 165.711 ug/L
RT: 8.550 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU055981.D
Acq: 28 Oct 2023 18:06

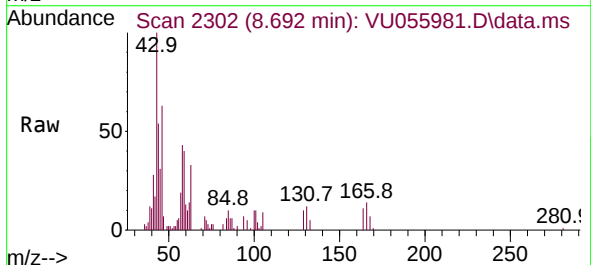
Instrument :
MSVOA_U
ClientSampleId :



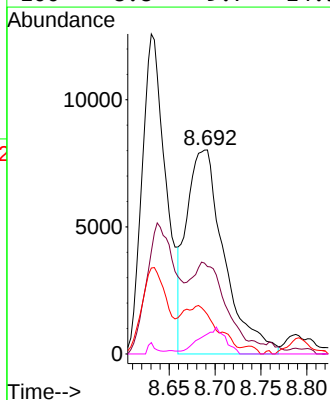
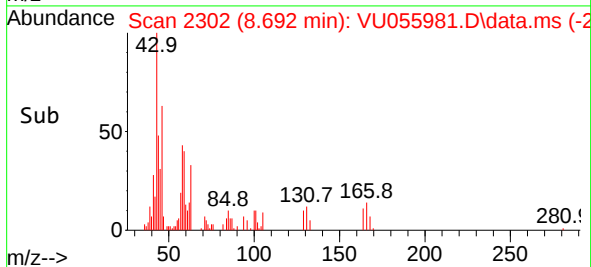
Tgt Ion:164 Resp: 2385058
Ion Ratio Lower Upper
164 100
129 100.3 72.2 134.0
131 96.3 70.8 131.6
166 127.2 89.0 165.2

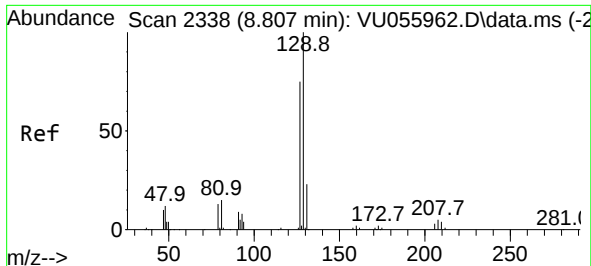


#48
2-Hexanone
Concen: 3.113 ug/L
RT: 8.692 min Scan# 2302
Delta R.T. 0.010 min
Lab File: VU055981.D
Acq: 28 Oct 2023 18:06



Tgt Ion: 43 Resp: 23017
Ion Ratio Lower Upper
43 100
58 34.4 49.5 74.3#
57 22.7 16.9 25.3
100 8.8 9.7 14.5#

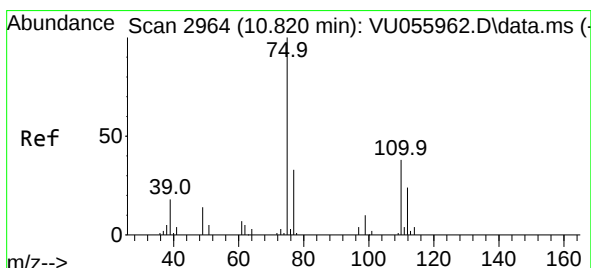
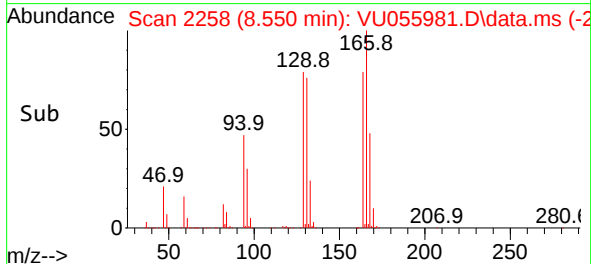
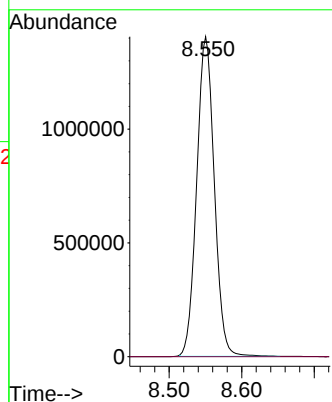
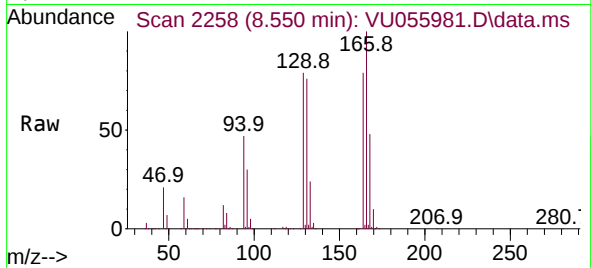




#49
Dibromochloromethane
Concen: 157.025 ug/L
RT: 8.550 min Scan# 21
Delta R.T. -0.257 min
Lab File: VU055981.D
Acq: 28 Oct 2023 18:06

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:129 Resp: 2364413
Ion Ratio Lower Upper
129 100
127 0.0 53.5 99.5#



#61
1,2,3-Trichloropropane
Concen: 1.672 ug/L
RT: 11.810 min Scan# 3272
Delta R.T. 0.990 min
Lab File: VU055981.D
Acq: 28 Oct 2023 18:06

Tgt Ion: 75 Resp: 17973
Ion Ratio Lower Upper
75 100
110 2.7 29.0 43.6#
77 33.6 24.5 36.7

