

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012324\
 Data File : VU057584.D
 Acq On : 23 Jan 2024 21:57
 Operator : MD/SY
 Sample : P1228-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 24 01:09:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 24 00:56:55 2024
 Response via : Initial Calibration

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

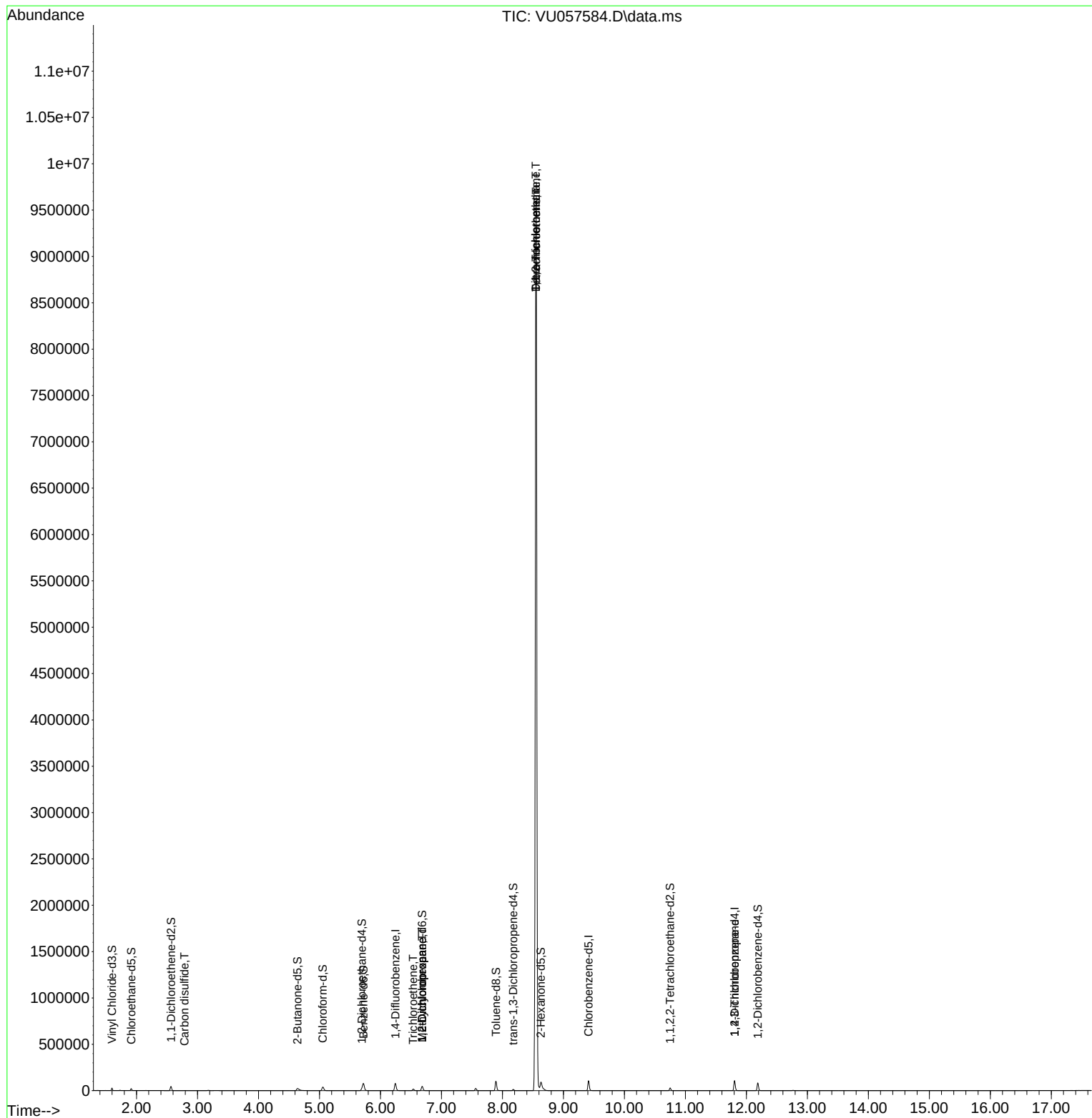
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	66054	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	59075	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	29333	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	18125	4.980	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.600%
7) Chloroethane-d5	1.914	69	14910	4.889	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.800%
11) 1,1-Dichloroethene-d2	2.566	65	8403	4.910	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.200%
20) 2-Butanone-d5	4.640	46	36491	53.150	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.300%
24) Chloroform-d	5.055	84	36171	4.896	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.000%
26) 1,2-Dichloroethane-d4	5.695	65	17909	5.335	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.600%
32) Benzene-d6	5.721	84	72806	5.254	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.000%
36) 1,2-Dichloropropane-d6	6.685	67	22350	5.348	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.000%
41) Toluene-d8	7.894	98	67731	5.149	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.000%
43) trans-1,3-Dichloroprop...	8.177	79	8407	5.047	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.000%
46) 2-Hexanone-d5	8.630	63	27604	51.938	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.880%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	14258	5.089	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	21859	5.310	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.200%
Target Compounds						
14) Carbon disulfide	2.788	76	1887	0.121	ug/L	97
34) Trichloroethene	6.537	95	6154	1.102	ug/L	96
35) Methylcyclohexane	6.682	83	5129	0.568	ug/L #	23
37) 1,2-Dichloropropane	6.682	63	2429	0.479	ug/L #	89
45) 1,1,2-Trichloroethane	8.550	97	19960	6.054	ug/L #	8
47) Tetrachloroethene	8.553	164	1995759	486.182	ug/L	97
49) Dibromochloromethane	8.550	129	2087860	489.002	ug/L #	10
61) 1,2,3-Trichloropropane	11.807	75	3825	1.299	ug/L #	66

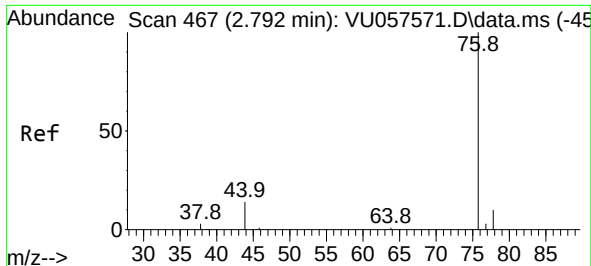
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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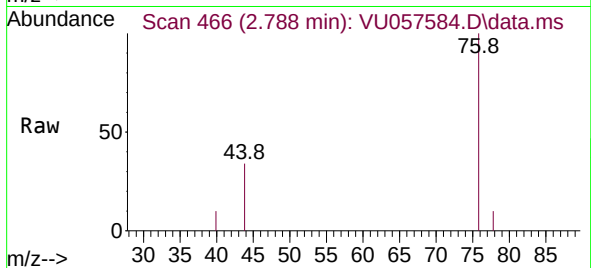
Quant Time: Jan 24 01:09:53 2024
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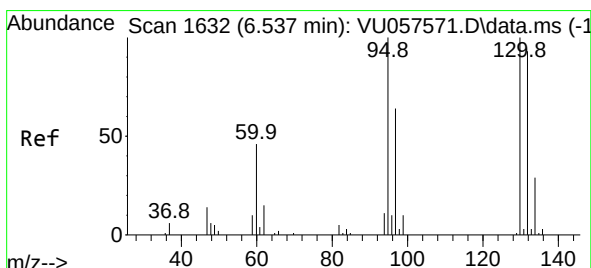
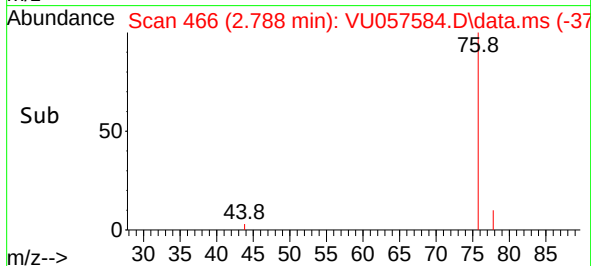
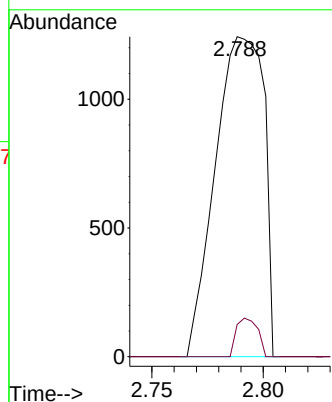


#14
Carbon disulfide
Concen: 0.121 ug/L
RT: 2.788 min Scan# 466
Delta R.T. -0.003 min
Lab File: VU057584.D
Acq: 23 Jan 2024 21:57

Instrument :
MSVOA_U
ClientSampleId :

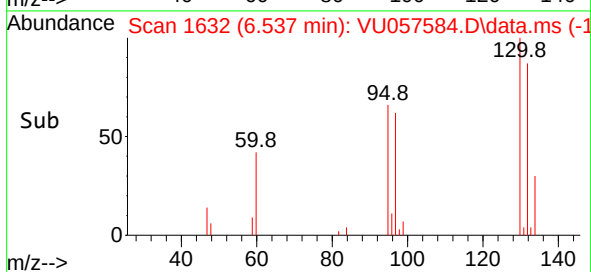
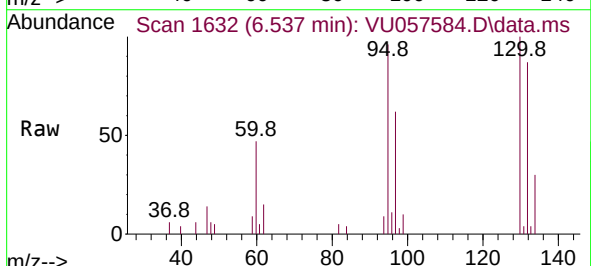
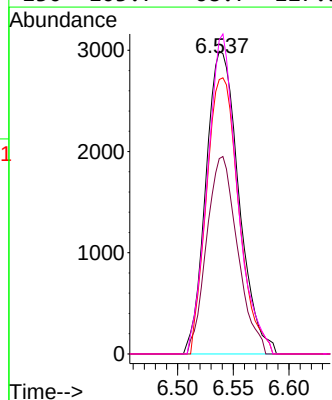


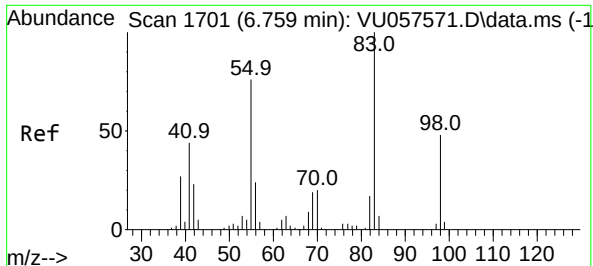
Tgt Ion: 76 Resp: 1887
Ion Ratio Lower Upper
76 100
78 10.1 7.3 10.9



#34
Trichloroethene
Concen: 1.102 ug/L
RT: 6.537 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VU057584.D
Acq: 23 Jan 2024 21:57

Tgt Ion: 95 Resp: 6154
Ion Ratio Lower Upper
95 100
97 64.5 46.1 85.5
132 90.6 66.1 122.8
130 103.7 68.7 127.5

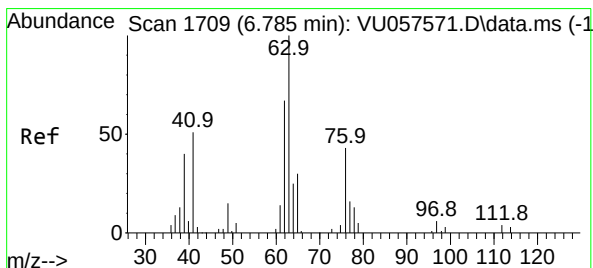
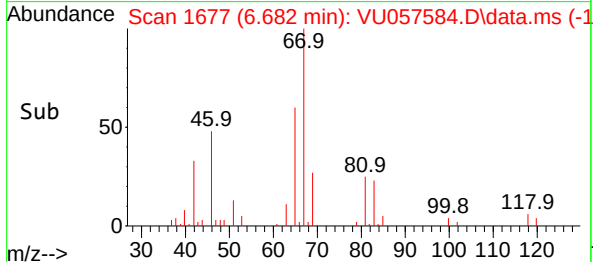
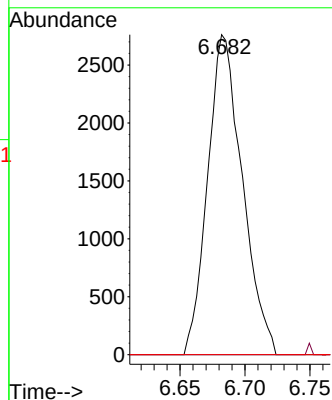
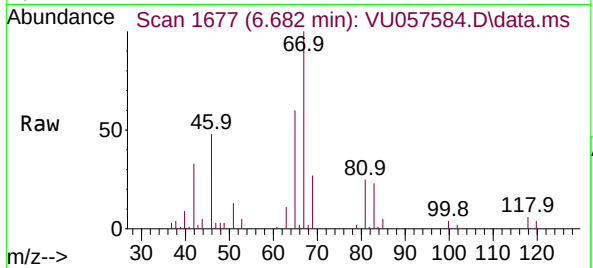




#35
Methylcyclohexane
Concen: 0.568 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.077 min
Lab File: VU057584.D
Acq: 23 Jan 2024 21:57

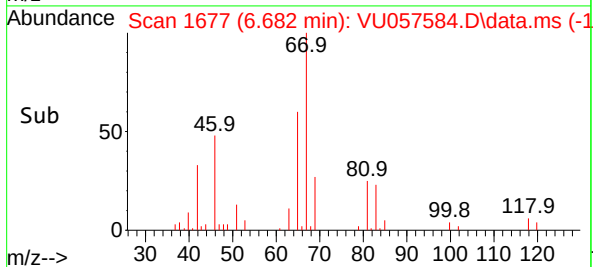
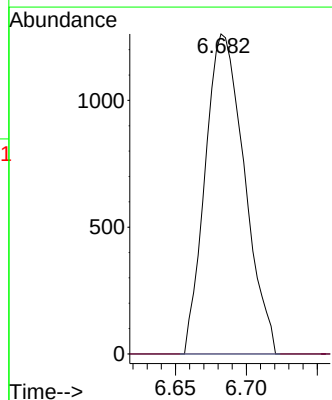
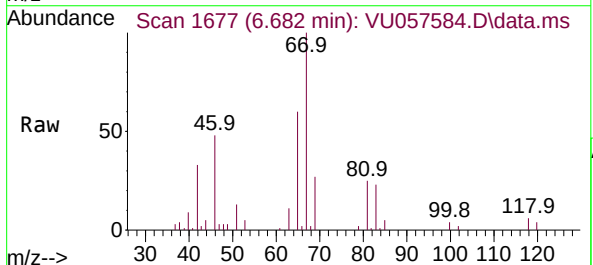
Instrument :
MSVOA_U
ClientSampleId :

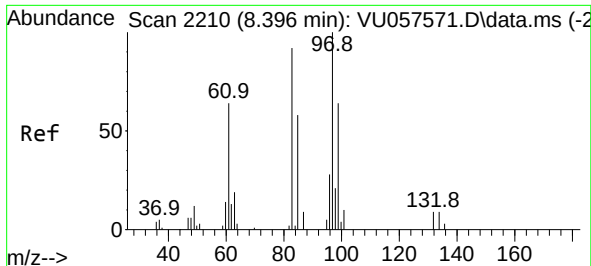
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.4	61.4	92.0#
98	8.2	38.2	57.4#



#37
1,2-Dichloropropane
Concen: 0.479 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.103 min
Lab File: VU057584.D
Acq: 23 Jan 2024 21:57

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.4#





#45

1,1,2-Trichloroethane

Concen: 6.054 ug/L

RT: 8.550 min Scan# 21

Delta R.T. 0.154 min

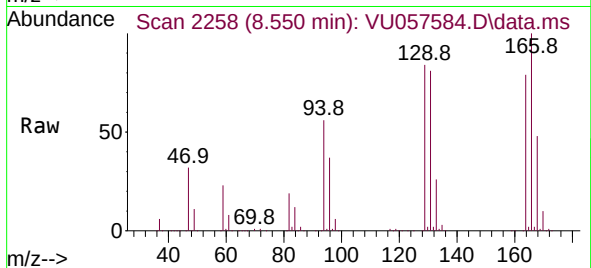
Lab File: VU057584.D

Acq: 23 Jan 2024 21:57

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 97 Resp: 19960

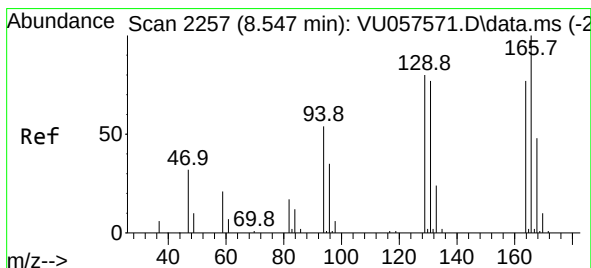
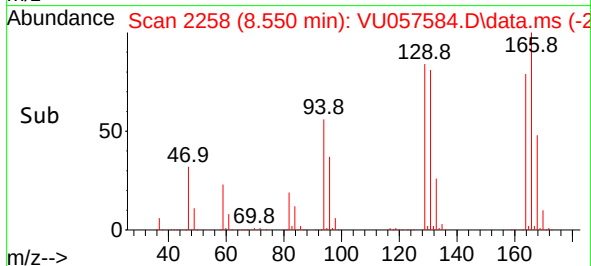
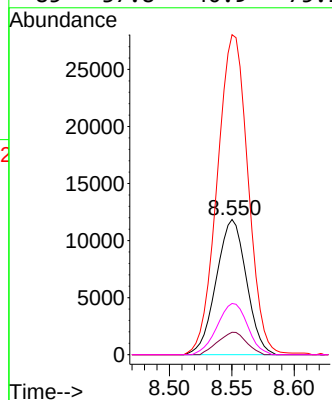
Ion Ratio Lower Upper

97 100

99 16.5 45.1 83.7#

83 236.6 62.3 115.7#

85 37.8 40.9 75.9#



#47

Tetrachloroethene

Concen: 486.182 ug/L

RT: 8.553 min Scan# 2259

Delta R.T. 0.006 min

Lab File: VU057584.D

Acq: 23 Jan 2024 21:57

Tgt Ion:164 Resp: 1995759

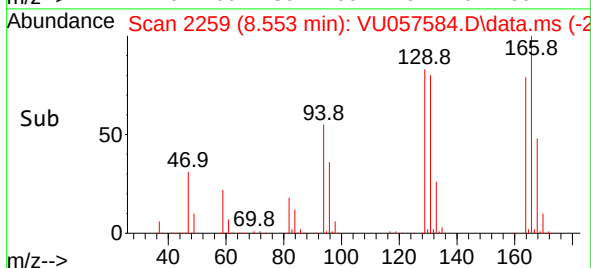
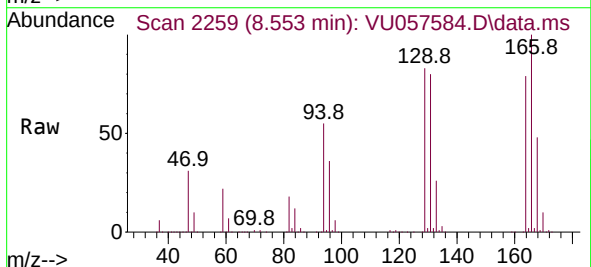
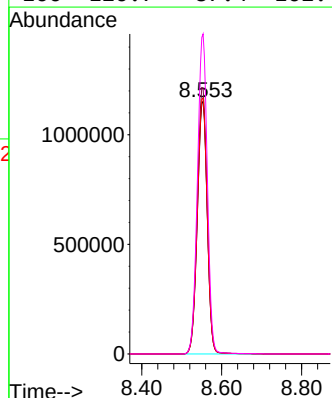
Ion Ratio Lower Upper

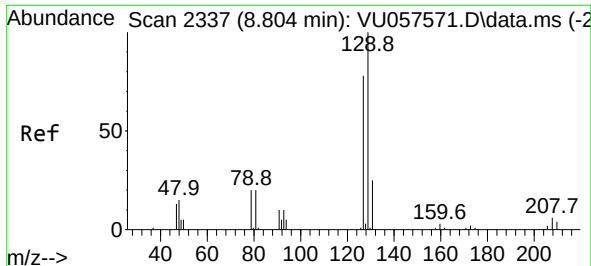
164 100

129 105.2 71.3 132.5

131 101.3 68.1 126.5

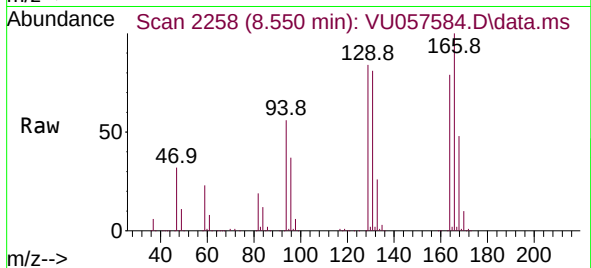
166 126.7 87.4 162.4



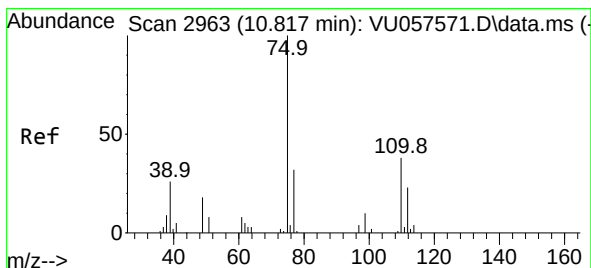
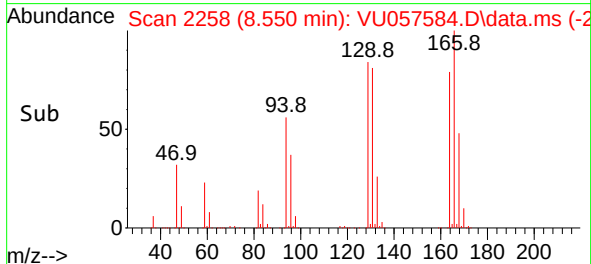
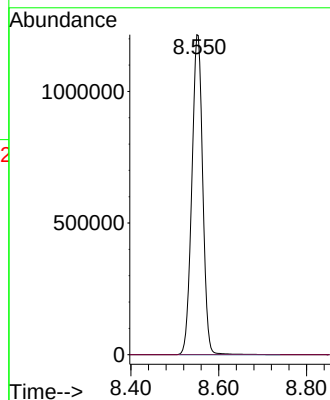


#49
Dibromochloromethane
Concen: 489.002 ug/L
RT: 8.550 min Scan# 21
Delta R.T. -0.254 min
Lab File: VU057584.D
Acq: 23 Jan 2024 21:57

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:129 Resp: 2087860
Ion Ratio Lower Upper
129 100
127 0.0 54.5 101.1#



#61
1,2,3-Trichloropropane
Concen: 1.299 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU057584.D
Acq: 23 Jan 2024 21:57

Tgt Ion: 75 Resp: 3825
Ion Ratio Lower Upper
75 100
110 0.0 30.1 45.1#
77 32.6 25.5 38.3

