

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122123\
 Data File : VU057139.D
 Acq On : 21 Dec 2023 17:12
 Operator : MD/SY
 Sample : 05949-02DL 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 21 23:31:47 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)

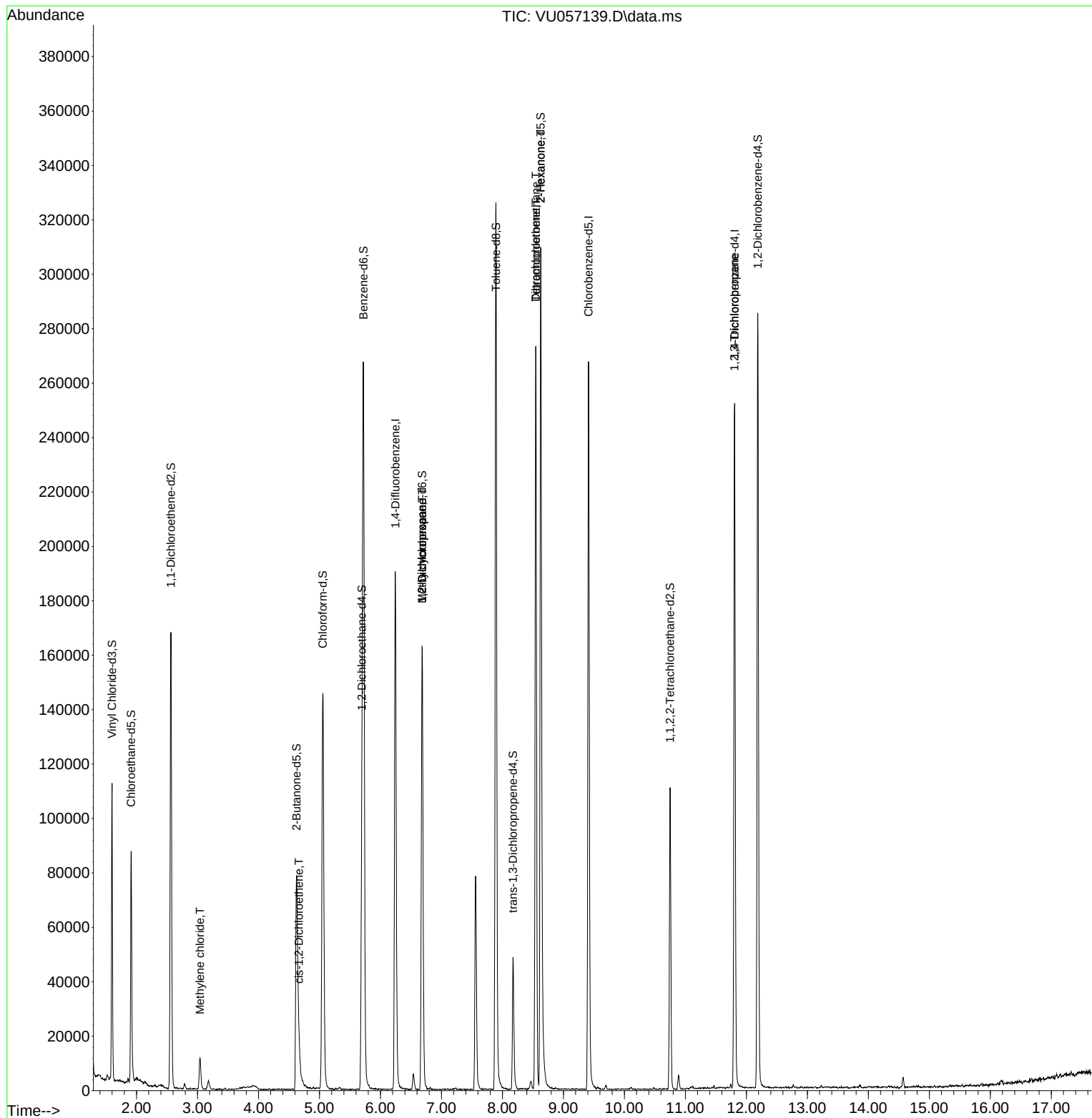
Internal Standards							
1) 1,4-Difluorobenzene		6.245	114	153484	5.000	ug/L	0.00
28) Chlorobenzene-d5		9.412	117	152845	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		11.807	152	67559	5.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		1.599	65	73492	5.010	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 100.200%		
7) Chloroethane-d5		1.911	69	62642	5.187	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 103.800%		
11) 1,1-Dichloroethene-d2		2.563	65	34437	5.418	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 108.400%		
20) 2-Butanone-d5		4.624	46	124628	54.108	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	= 108.220%		
24) Chloroform-d		5.055	84	143429	5.063	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 101.200%		
26) 1,2-Dichloroethane-d4		5.695	65	71253	5.277	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 105.600%		
32) Benzene-d6		5.721	84	259267	4.946	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 99.000%		
36) 1,2-Dichloropropane-d6		6.682	67	76769	5.146	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 103.000%		
41) Toluene-d8		7.894	98	218587	4.567	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 91.400%		
43) trans-1,3-Dichloroprop...		8.174	79	28260	4.551	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 91.000%		
46) 2-Hexanone-d5		8.627	63	107612	50.895	ug/L	-0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	= 101.800%		
56) 1,1,2,2-Tetrachloroeth...		10.749	84	52666	4.961	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 99.200%		
66) 1,2-Dichlorobenzene-d4		12.187	152	74699	5.138	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 102.800%		
Target Compounds							Qvalue
16) Methylene chloride		3.039	84	6189	0.464	ug/L	89
22) cis-1,2-Dichloroethene		4.663	96	2173	0.176	ug/L	95
35) Methylcyclohexane		6.685	83	19743	1.058	ug/L #	18
37) 1,2-Dichloropropane		6.682	63	9219	0.765	ug/L #	88
47) Tetrachloroethene		8.547	164	56645	5.579	ug/L	96
48) 2-Hexanone		8.627	43	13222	3.430	ug/L #	70
49) Dibromochloromethane		8.547	129	60398	5.603	ug/L #	10
61) 1,2,3-Trichloropropane		11.804	75	7435	1.181	ug/L #	65

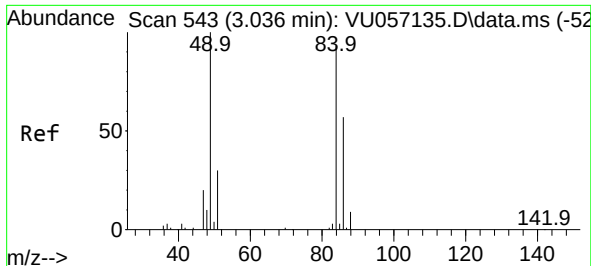
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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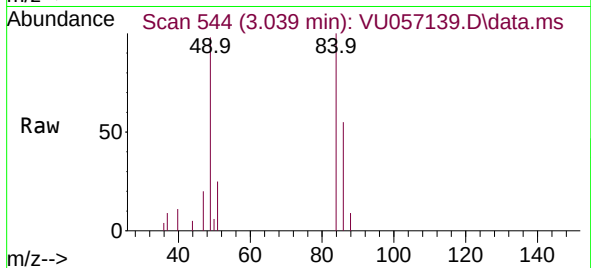
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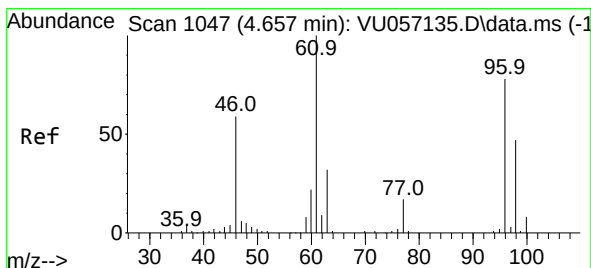
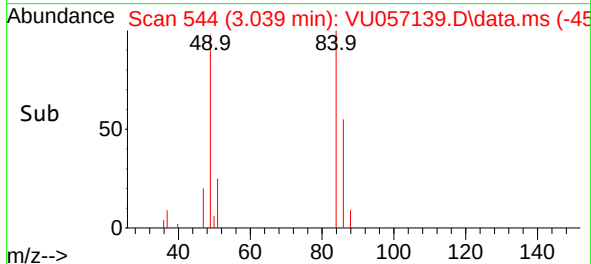
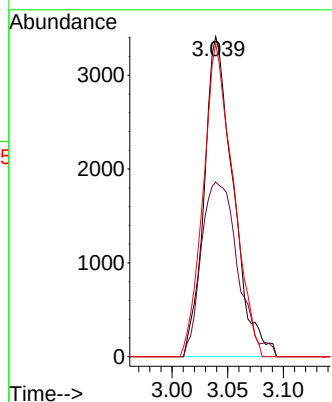
#16
Methylene chloride
Concen: 0.464 ug/L
RT: 3.039 min Scan# 543
Delta R.T. 0.003 min
Lab File: VU057139.D
Acq: 21 Dec 2023 17:12

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 84 Resp: 6189

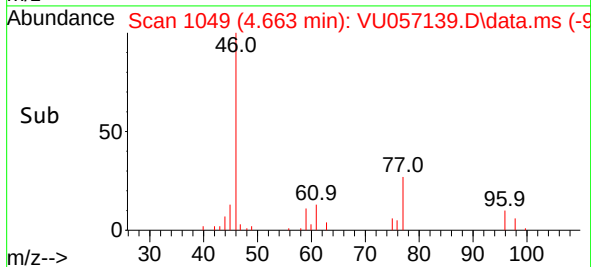
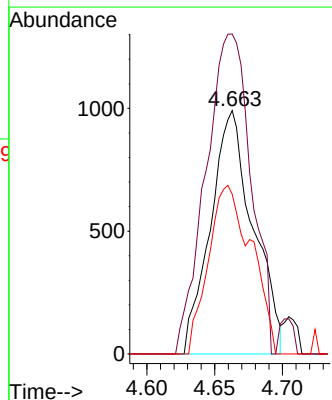
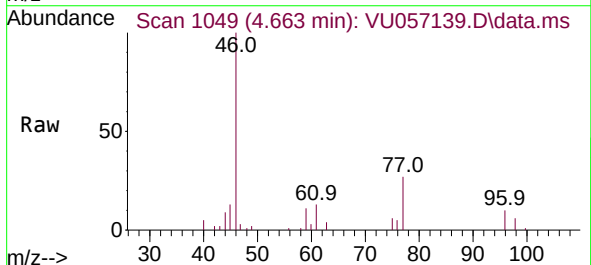
Ion	Ratio	Lower	Upper
84	100		
86	54.6	44.7	82.9
49	97.8	76.0	141.2

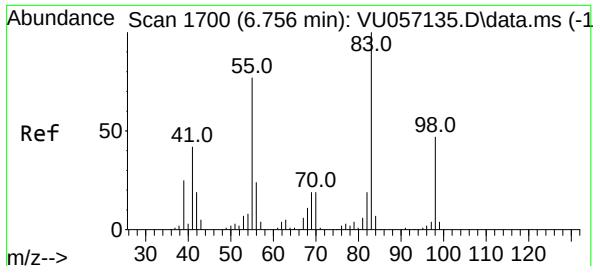


#22
cis-1,2-Dichloroethene
Concen: 0.176 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. 0.006 min
Lab File: VU057139.D
Acq: 21 Dec 2023 17:12

Tgt Ion: 96 Resp: 2173

Ion	Ratio	Lower	Upper
96	100		
61	131.5	86.8	161.2
98	65.7	45.5	84.5

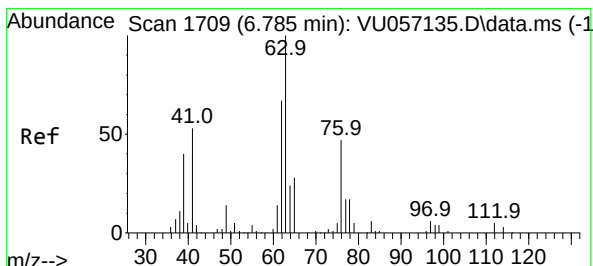
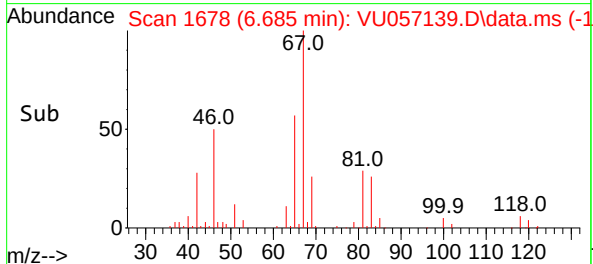
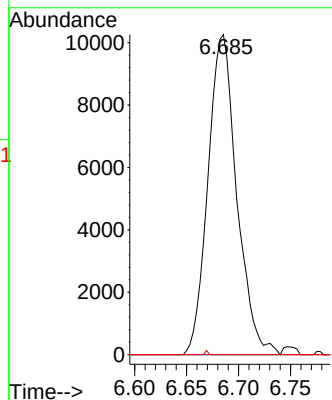
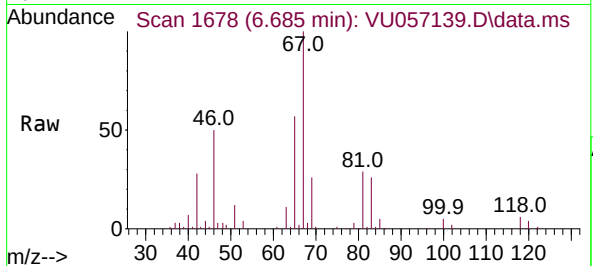




#35
Methylcyclohexane
Concen: 1.058 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.071 min
Lab File: VU057139.D
Acq: 21 Dec 2023 17:12

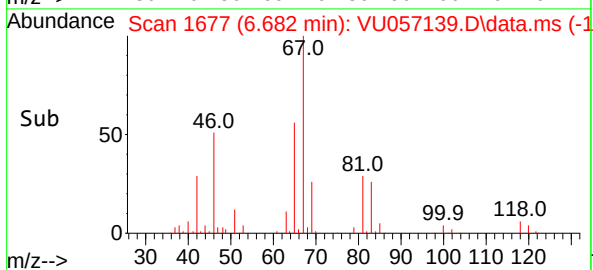
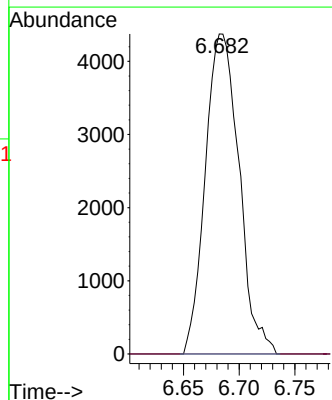
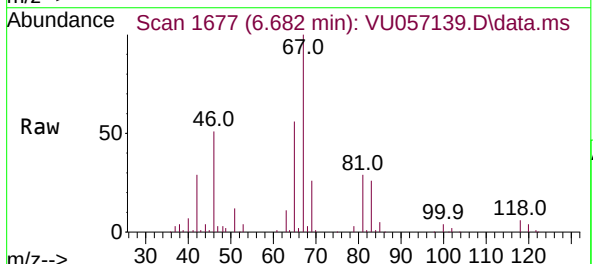
Instrument :
MSVOA_U
ClientSampleId :

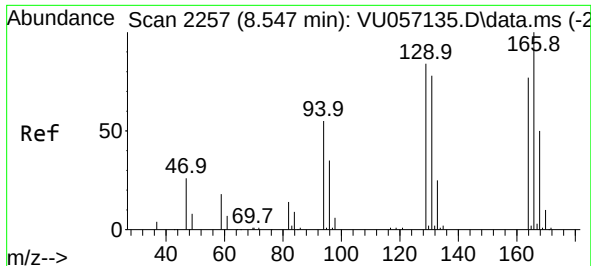
Tgt Ion: 83 Resp: 19743
Ion Ratio Lower Upper
83 100
55 0.0 61.3 91.9#
98 0.1 36.6 55.0#



#37
1,2-Dichloropropane
Concen: 0.765 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.103 min
Lab File: VU057139.D
Acq: 21 Dec 2023 17:12

Tgt Ion: 63 Resp: 9219
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#





#47

Tetrachloroethene

Concen: 5.579 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.000 min

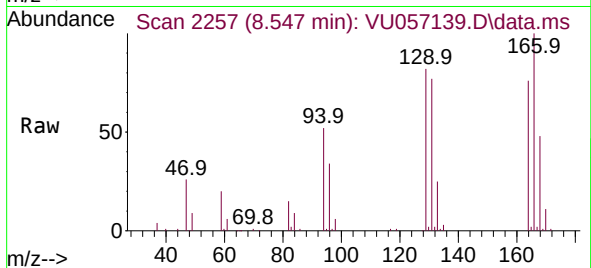
Lab File: VU057139.D

Acq: 21 Dec 2023 17:12

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 56645

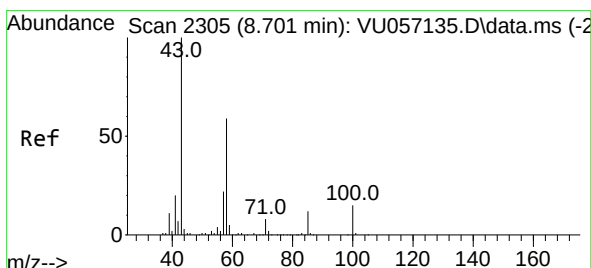
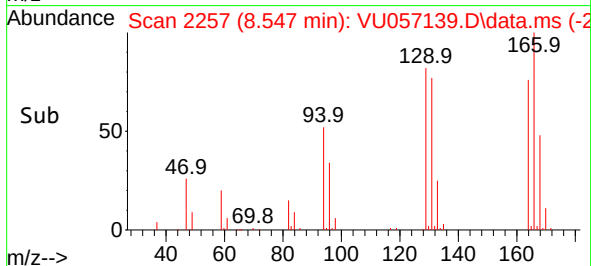
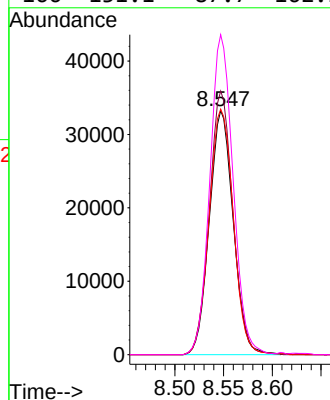
Ion Ratio Lower Upper

164 100

129 108.1 72.9 135.3

131 100.6 71.7 133.3

166 131.1 87.7 162.9



#48

2-Hexanone

Concen: 3.430 ug/L

RT: 8.627 min Scan# 2282

Delta R.T. -0.074 min

Lab File: VU057139.D

Acq: 21 Dec 2023 17:12

Tgt Ion: 43 Resp: 13222

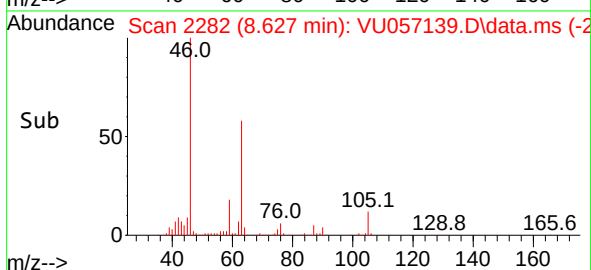
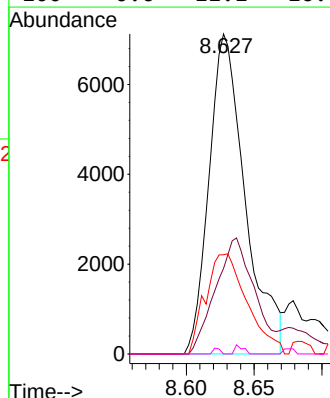
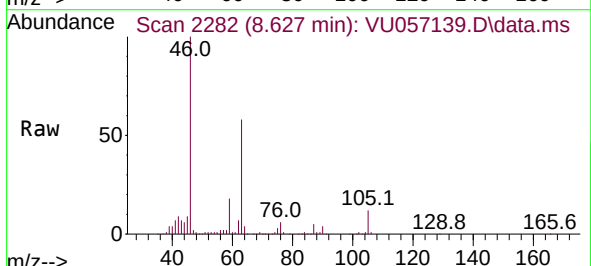
Ion Ratio Lower Upper

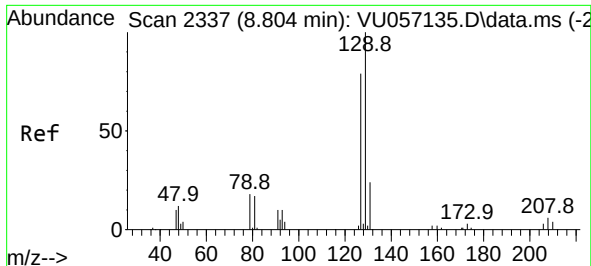
43 100

58 38.8 49.8 74.8#

57 35.8 18.5 27.7#

100 0.6 11.1 16.7#





#49

Dibromochloromethane

Concen: 5.603 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU057139.D

Acq: 21 Dec 2023 17:12

Instrument :

MSVOA_U

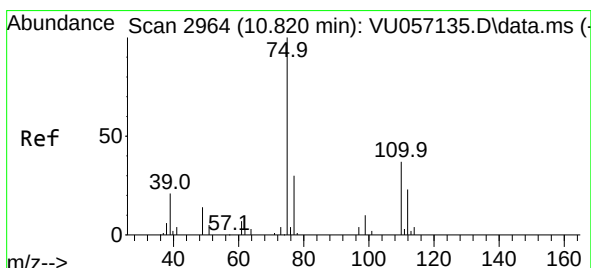
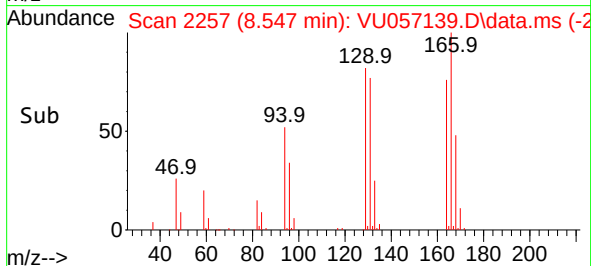
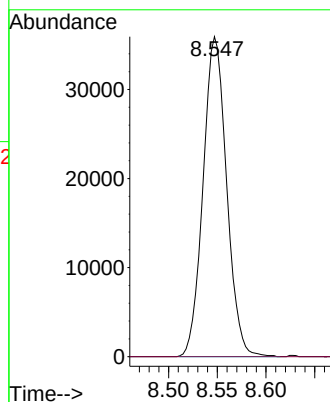
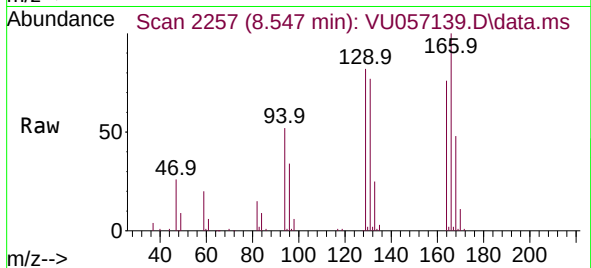
ClientSampleId :

Tgt Ion:129 Resp: 60398

Ion Ratio Lower Upper

129 100

127 0.0 55.2 102.6#



#61

1,2,3-Trichloropropane

Concen: 1.181 ug/L

RT: 11.804 min Scan# 3270

Delta R.T. 0.984 min

Lab File: VU057139.D

Acq: 21 Dec 2023 17:12

Tgt Ion: 75 Resp: 7435

Ion Ratio Lower Upper

75 100

110 1.9 31.2 46.8#

77 34.2 25.5 38.3

