

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122123\
 Data File : VU057144.D
 Acq On : 21 Dec 2023 19:13
 Operator : MD/SY
 Sample : 05866-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 21 23:32:56 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)

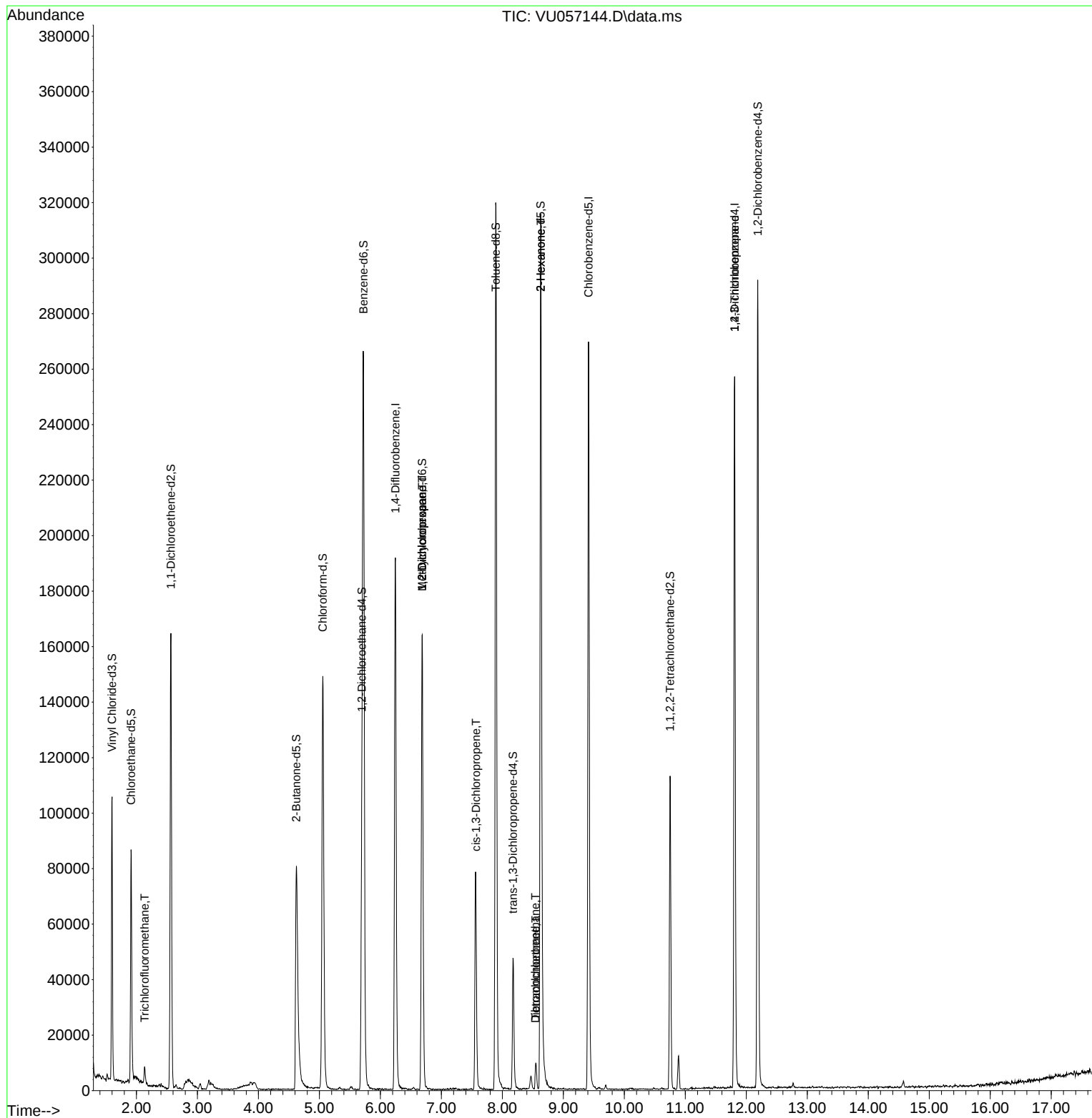
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	153989	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	151964	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	66942	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	73066	4.964	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.200%
7) Chloroethane-d5	1.911	69	60618	5.003	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.000%
11) 1,1-Dichloroethene-d2	2.563	65	32140	5.040	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.800%
20) 2-Butanone-d5	4.621	46	125534	54.323	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.640%
24) Chloroform-d	5.055	84	138863	4.886	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
26) 1,2-Dichloroethane-d4	5.695	65	69729	5.147	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.000%
32) Benzene-d6	5.721	84	252609	4.847	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
36) 1,2-Dichloropropane-d6	6.685	67	75758	5.108	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.200%
41) Toluene-d8	7.891	98	217927	4.580	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.600%
43) trans-1,3-Dichloroprop...	8.174	79	28607	4.633	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.600%
46) 2-Hexanone-d5	8.627	63	106792	50.800	ug/L	-0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.600%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	53981	5.115	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	76105	5.283	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.600%
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.133	101	3490	0.141	ug/L	97
35) Methylcyclohexane	6.682	83	19164	1.033	ug/L #	19
37) 1,2-Dichloropropane	6.685	63	9315	0.777	ug/L #	88
39) cis-1,3-Dichloropropene	7.566	75	1988	0.110	ug/L #	44
47) Tetrachloroethene	8.544	164	2366	0.234	ug/L #	73
48) 2-Hexanone	8.631	43	13954	3.641	ug/L #	77
49) Dibromochloromethane	8.541	129	2216	0.207	ug/L #	10
61) 1,2,3-Trichloropropane	11.807	75	8091	1.297	ug/L #	64

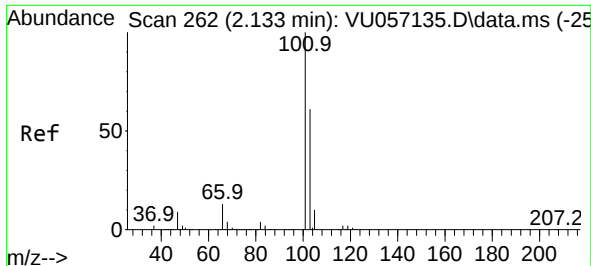
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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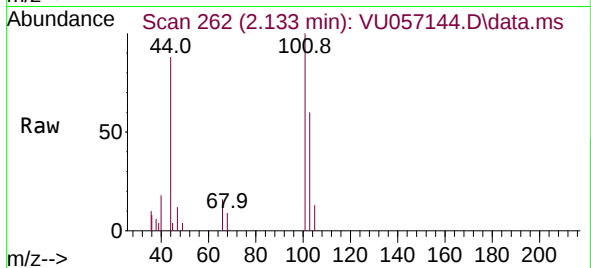
Quant Time: Dec 21 23:32:56 2023
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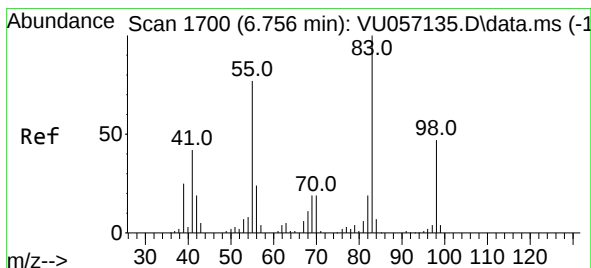
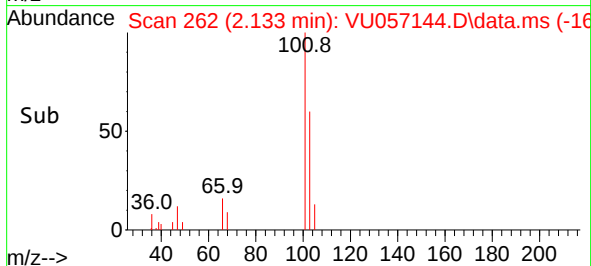
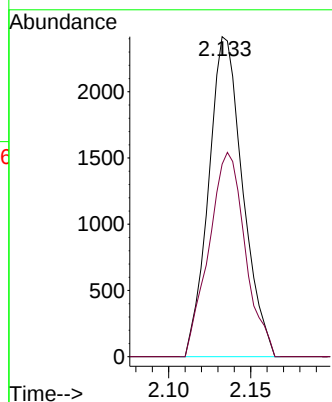


#9
 Trichlorofluoromethane
 Concen: 0.141 ug/L
 RT: 2.133 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VU057144.D
 Acq: 21 Dec 2023 19:13

Instrument :
 MSVOA_U
 ClientSampleId :

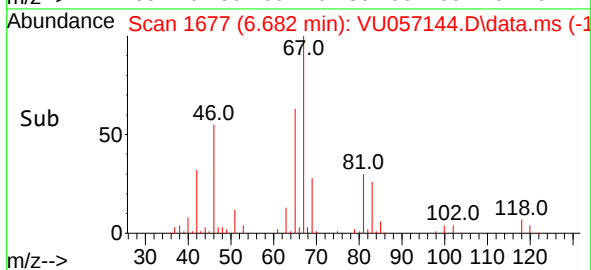
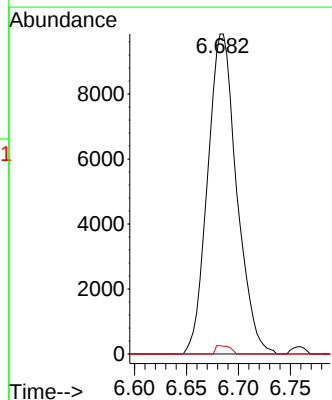
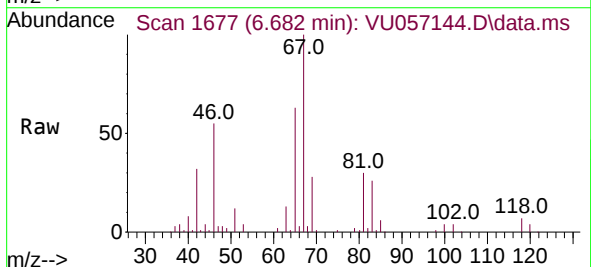


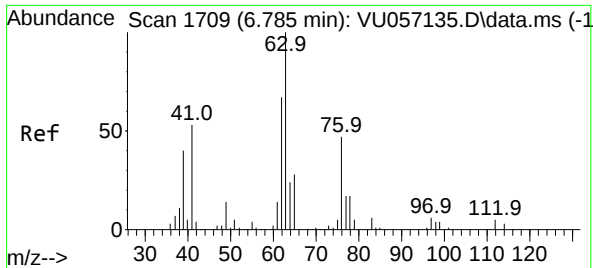
Tgt Ion:101 Resp: 3490
 Ion Ratio Lower Upper
 101 100
 103 67.8 52.1 78.1



#35
 Methylcyclohexane
 Concen: 1.033 ug/L
 RT: 6.682 min Scan# 1677
 Delta R.T. -0.074 min
 Lab File: VU057144.D
 Acq: 21 Dec 2023 19:13

Tgt Ion: 83 Resp: 19164
 Ion Ratio Lower Upper
 83 100
 55 0.0 61.3 91.9#
 98 1.3 36.6 55.0#





#37

1,2-Dichloropropane

Concen: 0.777 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU057144.D

Acq: 21 Dec 2023 19:13

Instrument :

MSVOA_U

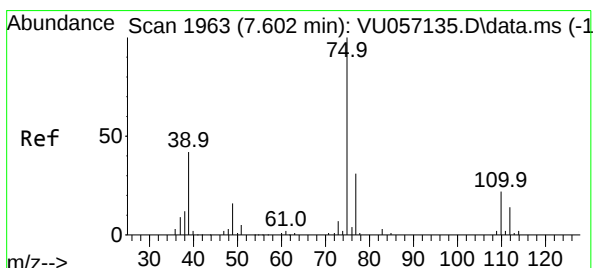
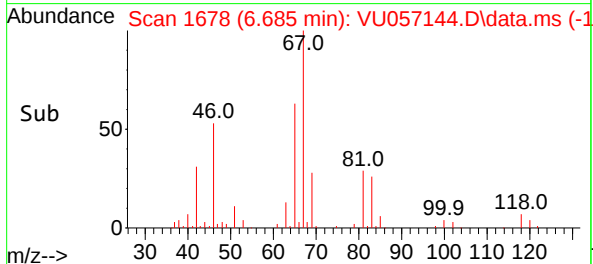
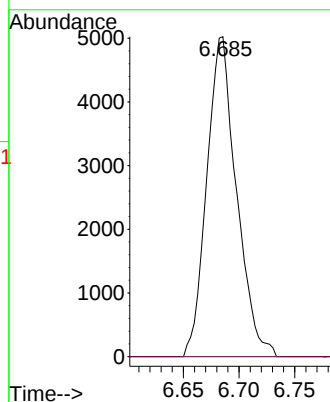
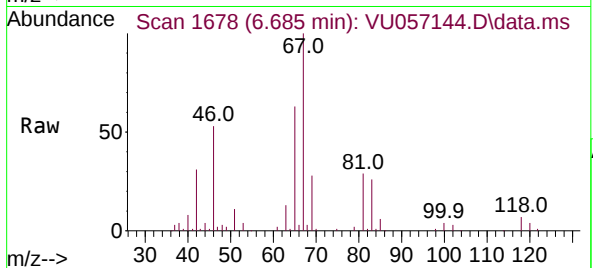
ClientSampleId :

Tgt Ion: 63 Resp: 9315

Ion Ratio Lower Upper

63 100

112 0.0 3.1 4.7#



#39

cis-1,3-Dichloropropene

Concen: 0.110 ug/L

RT: 7.566 min Scan# 1952

Delta R.T. -0.035 min

Lab File: VU057144.D

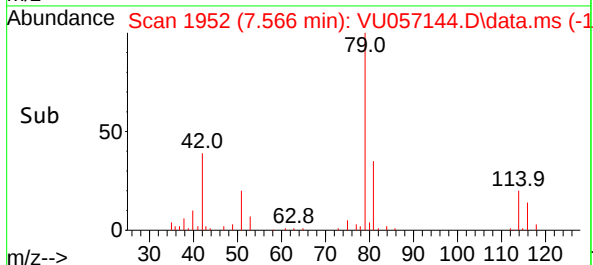
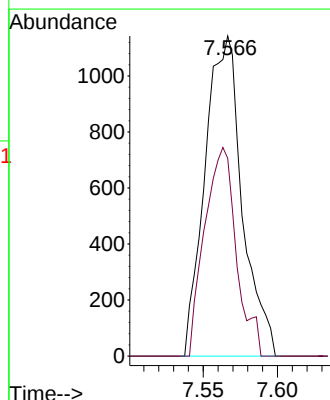
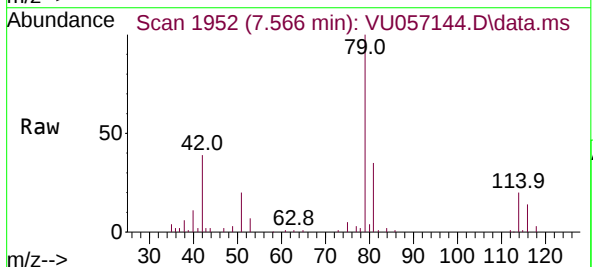
Acq: 21 Dec 2023 19:13

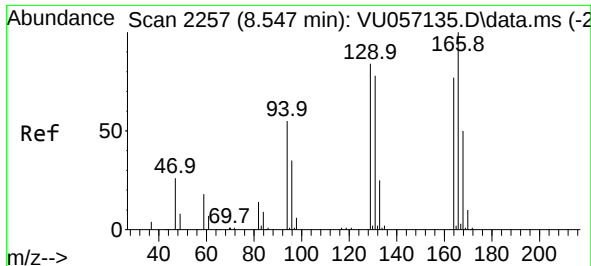
Tgt Ion: 75 Resp: 1988

Ion Ratio Lower Upper

75 100

77 61.8 21.8 40.4#





#47

Tetrachloroethene

Concen: 0.234 ug/L

RT: 8.544 min Scan# 21

Delta R.T. -0.003 min

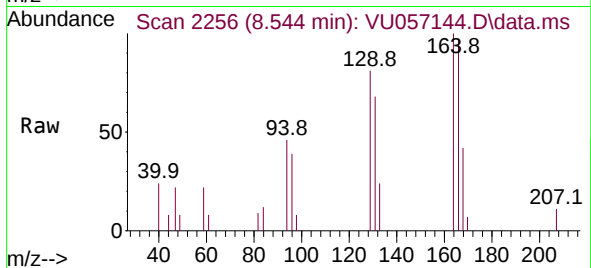
Lab File: VU057144.D

Acq: 21 Dec 2023 19:13

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 2366

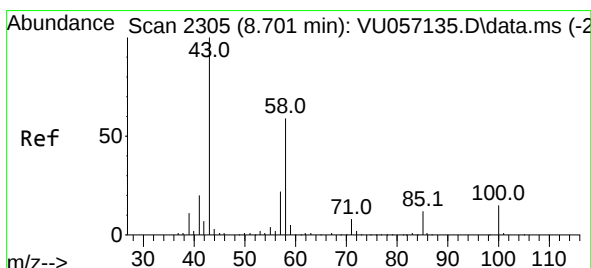
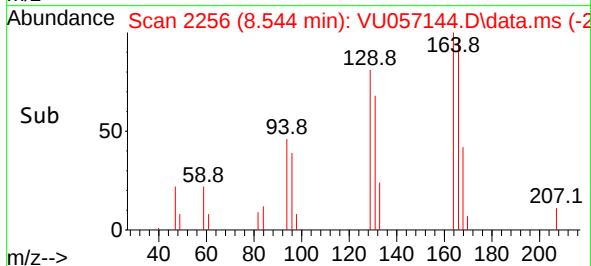
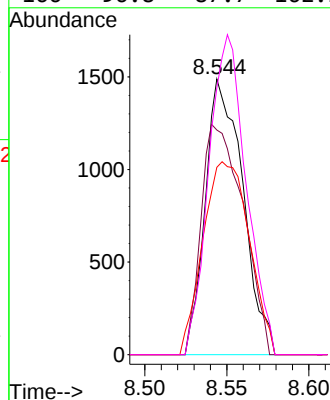
Ion Ratio Lower Upper

164 100

129 81.5 72.9 135.3

131 68.0 71.7 133.3#

166 96.8 87.7 162.9



#48

2-Hexanone

Concen: 3.641 ug/L

RT: 8.631 min Scan# 2283

Delta R.T. -0.071 min

Lab File: VU057144.D

Acq: 21 Dec 2023 19:13

Tgt Ion: 43 Resp: 13954

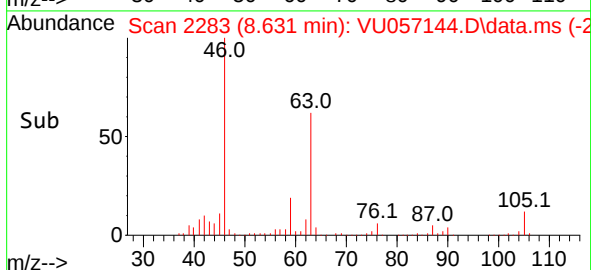
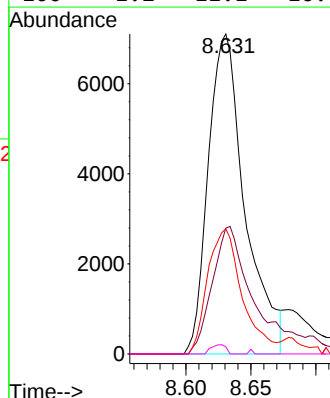
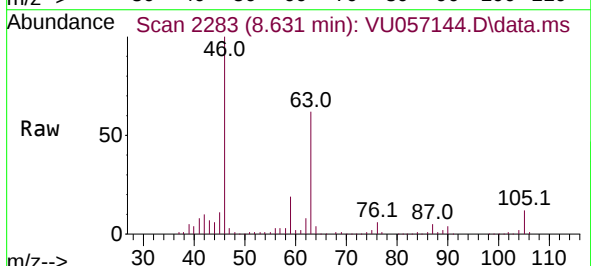
Ion Ratio Lower Upper

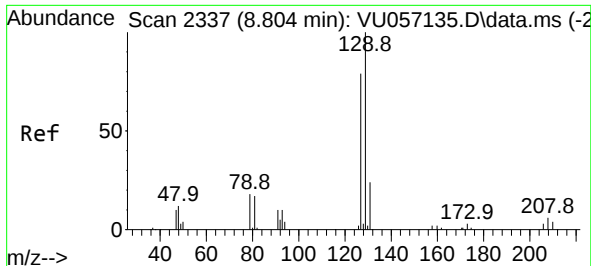
43 100

58 47.9 49.8 74.8#

57 36.8 18.5 27.7#

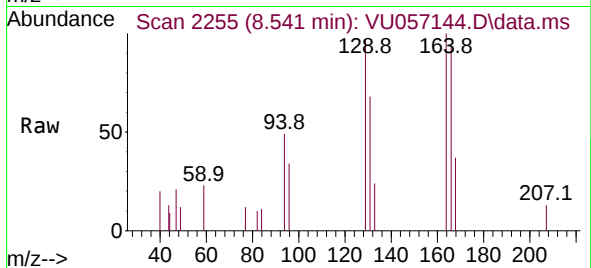
100 1.2 11.1 16.7#



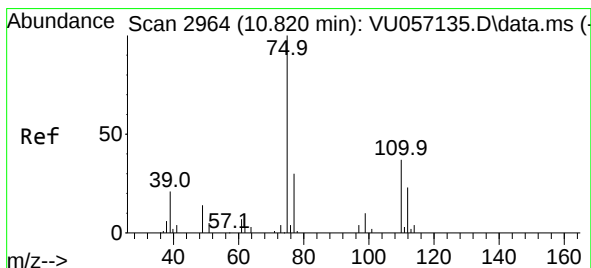
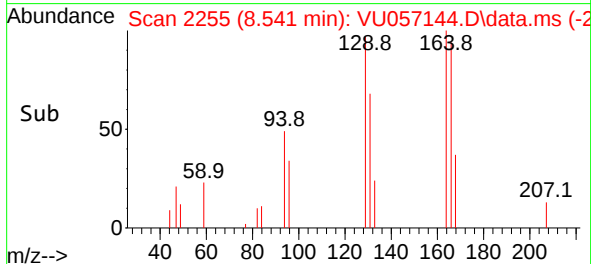
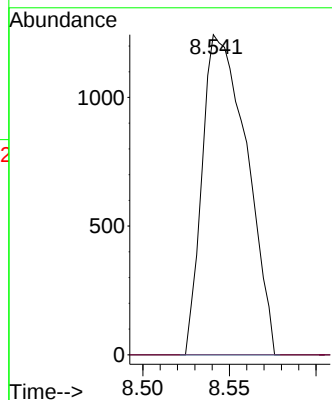


#49
Dibromochloromethane
Concen: 0.207 ug/L
RT: 8.541 min Scan# 211
Delta R.T. -0.264 min
Lab File: VU057144.D
Acq: 21 Dec 2023 19:13

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:129 Resp: 2216
Ion Ratio Lower Upper
129 100
127 0.0 55.2 102.6#



#61
1,2,3-Trichloropropane
Concen: 1.297 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.987 min
Lab File: VU057144.D
Acq: 21 Dec 2023 19:13

Tgt Ion: 75 Resp: 8091
Ion Ratio Lower Upper
75 100
110 2.6 31.2 46.8#
77 35.5 25.5 38.3

