

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122023\
 Data File : VU057102.D
 Acq On : 20 Dec 2023 19:17
 Operator : MD/SY
 Sample : 05949-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 20 23:48:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 20 23:41:59 2023
 Response via : Initial Calibration

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

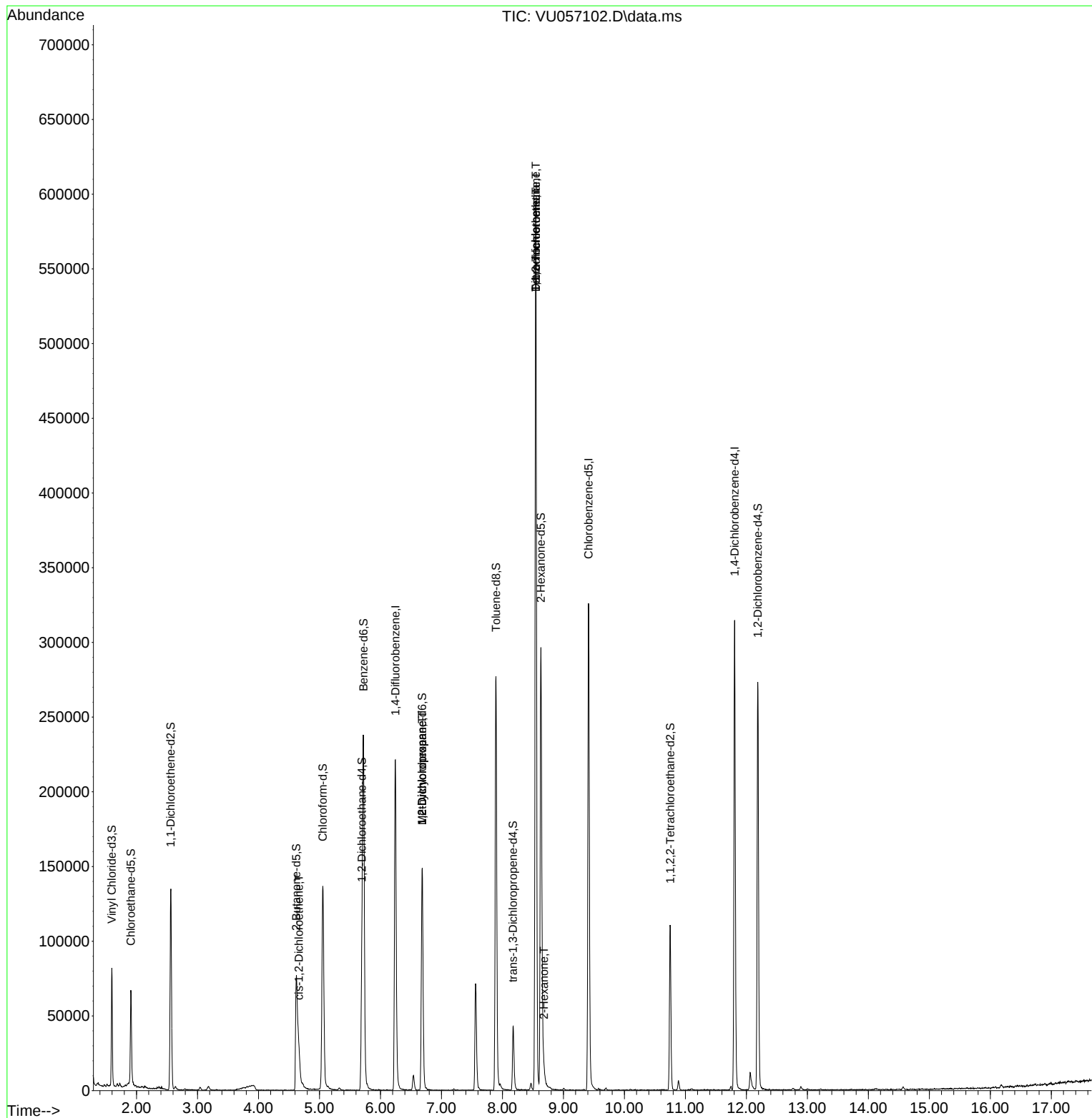
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	180245	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	186135	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	80454	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	55352	3.583	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.600%
7) Chloroethane-d5	1.907	69	45484	3.934	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.600%
11) 1,1-Dichloroethene-d2	2.560	65	26092	3.947	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.000%
20) 2-Butanone-d5	4.621	46	118067	38.696	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.400%
24) Chloroform-d	5.055	84	131926	4.509	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
26) 1,2-Dichloroethane-d4	5.695	65	64995	4.695	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.800%
32) Benzene-d6	5.721	84	229319	3.972	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.400%
36) 1,2-Dichloropropane-d6	6.682	67	70677	3.911	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.200%
41) Toluene-d8	7.894	98	188919	3.661	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.200%
43) trans-1,3-Dichloroprop...	8.174	79	27190	3.880	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.600%
46) 2-Hexanone-d5	8.631	63	101301	38.327	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.660%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	53715	4.108	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	70325	4.447	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.000%
Target Compounds						Qvalue
22) cis-1,2-Dichloroethene	4.663	96	7588	0.470	ug/L	92
35) Methylcyclohexane	6.682	83	17823	0.673	ug/L #	18
37) 1,2-Dichloropropane	6.682	63	8130	0.486	ug/L #	89
45) 1,1,2-Trichloroethane	8.547	97	1234	0.109	ug/L #	7
47) Tetrachloroethene	8.547	164	125695	10.009	ug/L	99
48) 2-Hexanone	8.682	43	4354	0.769	ug/L #	82
49) Dibromochloromethane	8.547	129	130070	10.003	ug/L #	11

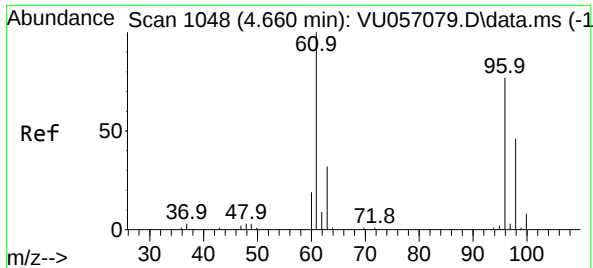
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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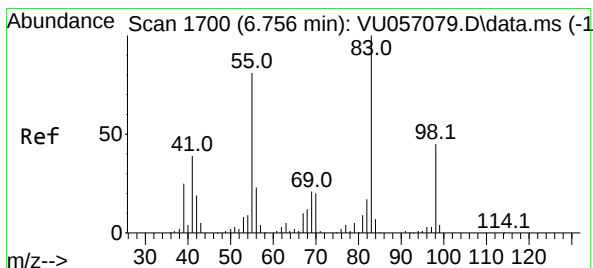
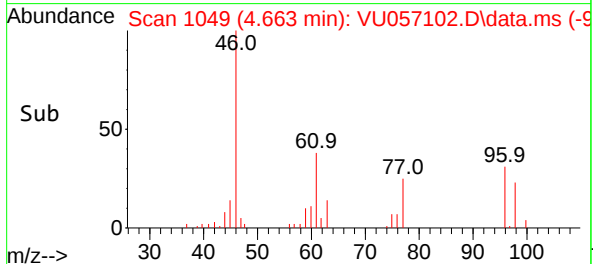
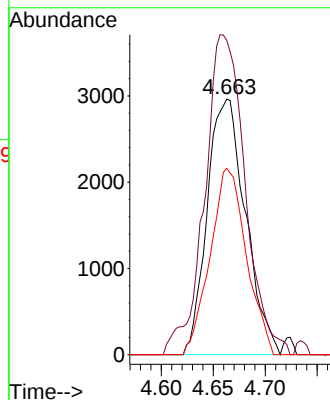
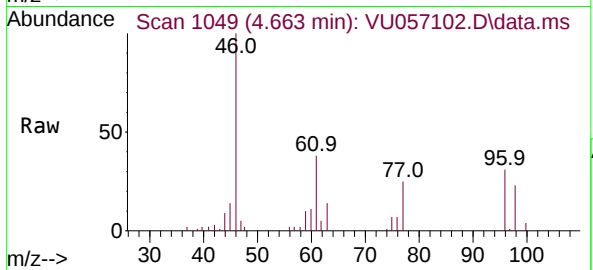




#22
 cis-1,2-Dichloroethene
 Concen: 0.470 ug/L
 RT: 4.663 min Scan# 1048
 Delta R.T. 0.003 min
 Lab File: VU057102.D
 Acq: 20 Dec 2023 19:17

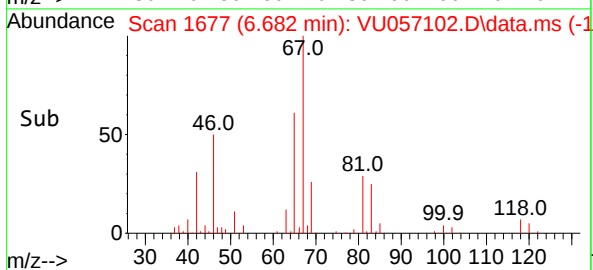
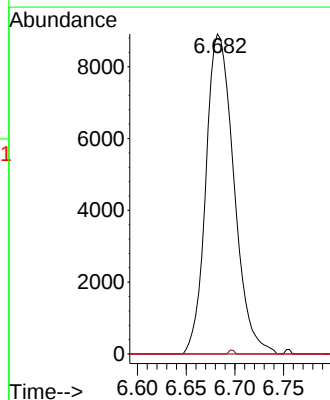
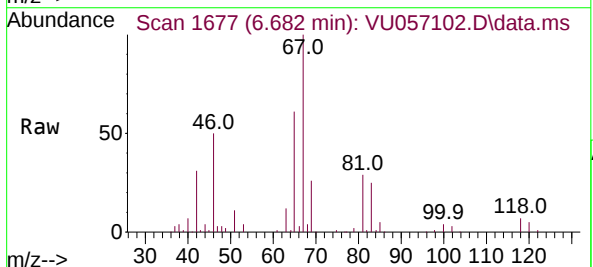
Instrument :
 MSVOA_U
 ClientSampleId :

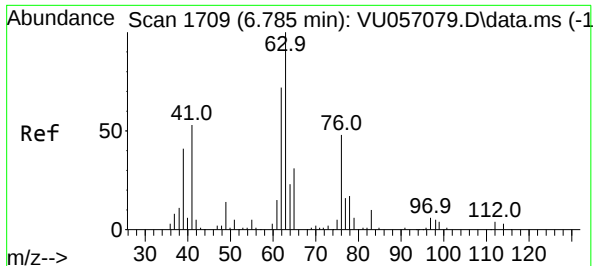
Tgt Ion: 96 Resp: 7588
 Ion Ratio Lower Upper
 96 100
 61 122.9 91.3 169.6
 98 72.9 44.2 82.0



#35
 Methylcyclohexane
 Concen: 0.673 ug/L
 RT: 6.682 min Scan# 1677
 Delta R.T. -0.074 min
 Lab File: VU057102.D
 Acq: 20 Dec 2023 19:17

Tgt Ion: 83 Resp: 17823
 Ion Ratio Lower Upper
 83 100
 55 0.2 64.6 97.0#
 98 0.9 36.1 54.1#

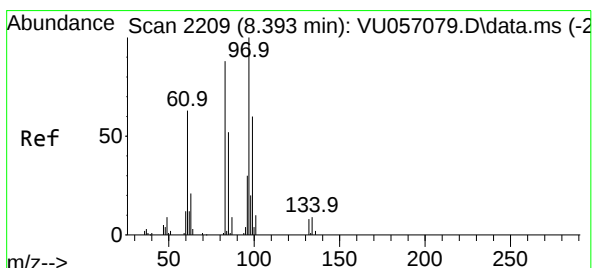
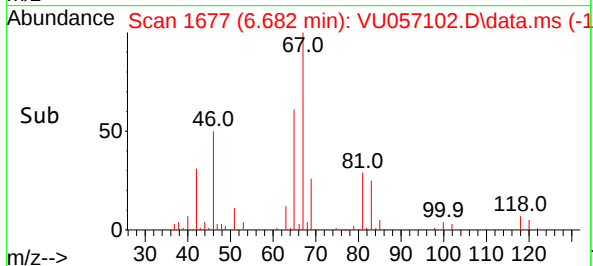
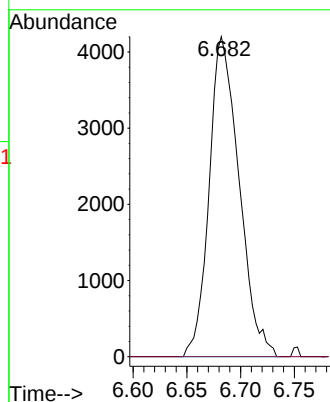
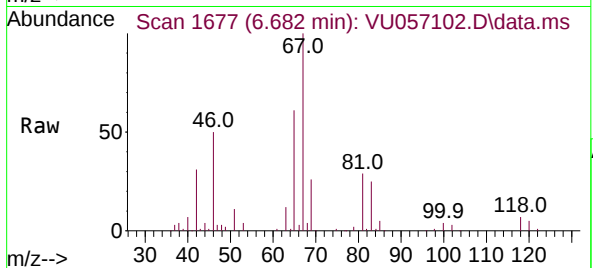




#37
1,2-Dichloropropane
Concen: 0.486 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU057102.D
Acq: 20 Dec 2023 19:17

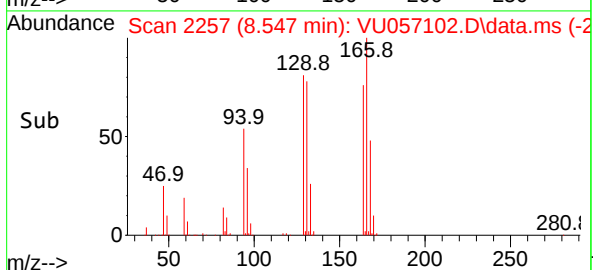
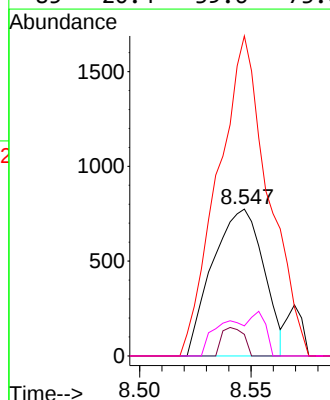
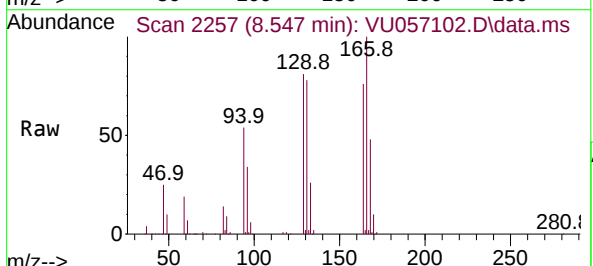
Instrument :
MSVOA_U
ClientSampleId :

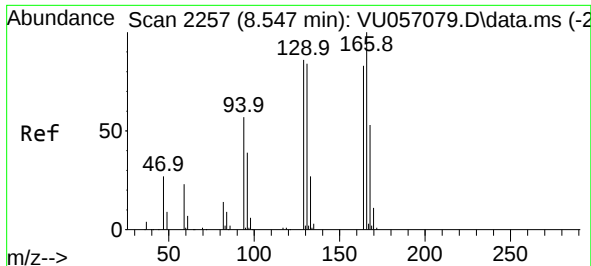
Tgt Ion: 63 Resp: 8130
Ion Ratio Lower Upper
63 100
112 0.6 3.3 4.9#



#45
1,1,2-Trichloroethane
Concen: 0.109 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.154 min
Lab File: VU057102.D
Acq: 20 Dec 2023 19:17

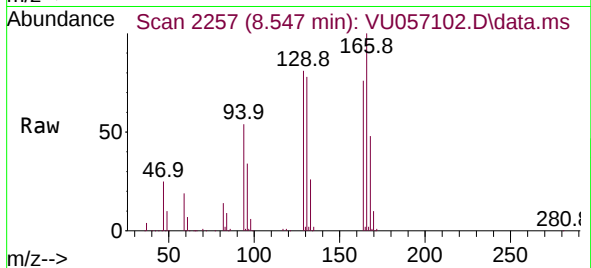
Tgt Ion: 97 Resp: 1234
Ion Ratio Lower Upper
97 100
99 14.7 41.9 77.9#
83 217.8 59.1 109.7#
85 20.4 39.6 73.6#



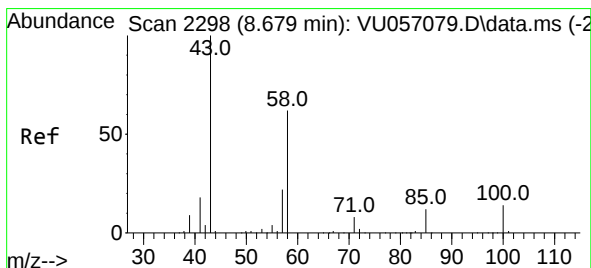
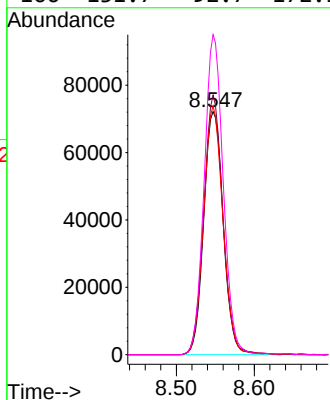
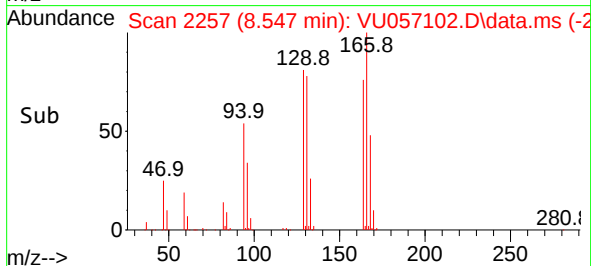


#47
Tetrachloroethene
Concen: 10.009 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU057102.D
Acq: 20 Dec 2023 19:17

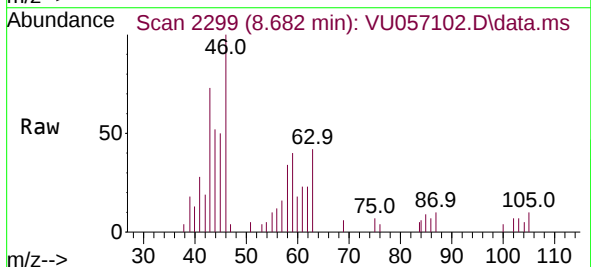
Instrument :
MSVOA_U
ClientSampleId :



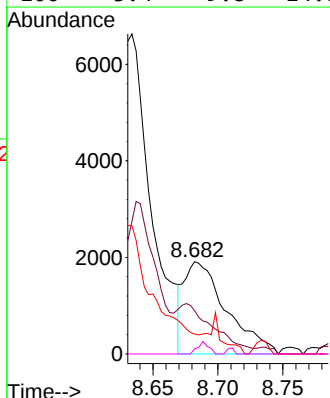
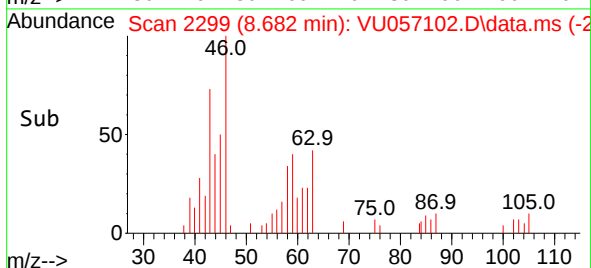
Tgt Ion:164 Resp: 125695
Ion Ratio Lower Upper
164 100
129 106.8 73.4 136.4
131 102.3 71.5 132.9
166 131.7 92.7 172.1

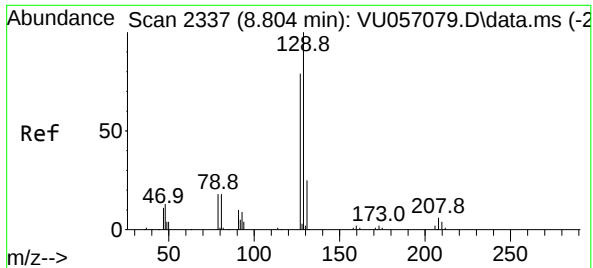


#48
2-Hexanone
Concen: 0.769 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. 0.003 min
Lab File: VU057102.D
Acq: 20 Dec 2023 19:17



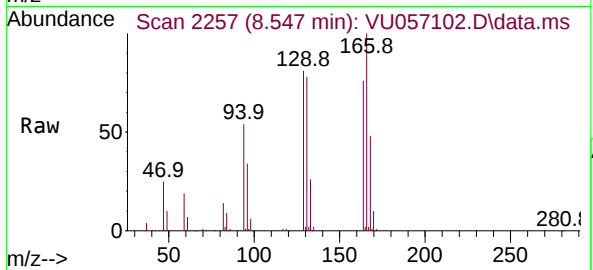
Tgt Ion: 43 Resp: 4354
Ion Ratio Lower Upper
43 100
58 46.2 47.5 71.3#
57 12.9 17.0 25.4#
100 3.4 9.8 14.8#





#49
 Dibromochloromethane
 Concen: 10.003 ug/L
 RT: 8.547 min Scan# 21
 Delta R.T. -0.257 min
 Lab File: VU057102.D
 Acq: 20 Dec 2023 19:17

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:129 Resp: 130070
 Ion Ratio Lower Upper
 129 100
 127 0.0 53.9 100.1#

