

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122723\
 Data File : VU057297.D
 Acq On : 27 Dec 2023 23:05
 Operator : MD/SY
 Sample : 05979-16DL 400X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 28 01:49:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 28 00:43:53 2023
 Response via : Initial Calibration

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

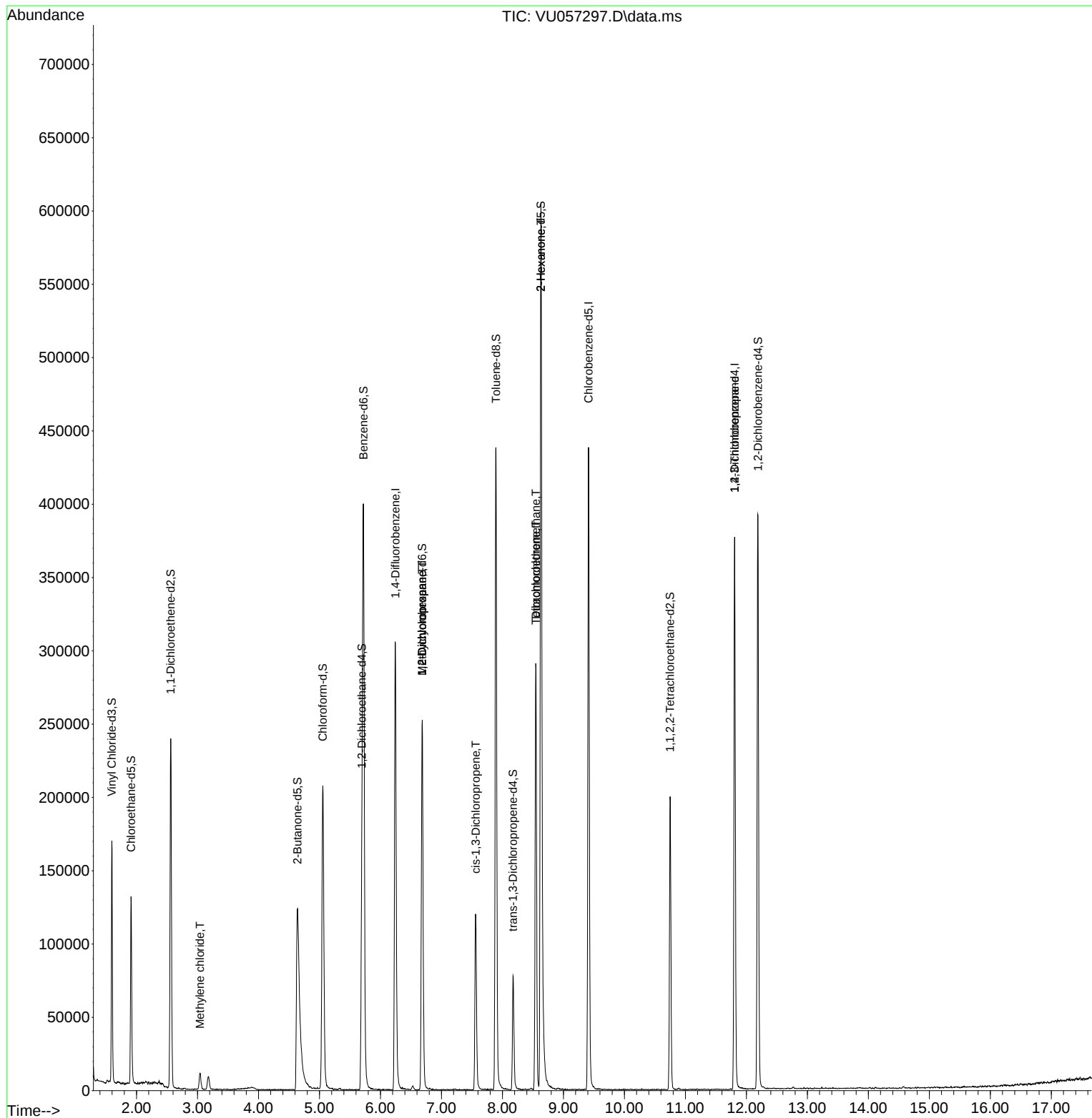
Internal Standards							
1) 1,4-Difluorobenzene		6.245	114	246156	5.000	ug/L	0.00
28) Chlorobenzene-d5		9.412	117	244307	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		11.807	152	96421	5.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		1.595	65	117912	5.572	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 111.400%		
7) Chloroethane-d5		1.911	69	97846	5.757	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 115.200%		
11) 1,1-Dichloroethene-d2		2.560	65	47102	5.592	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 111.800%		
20) 2-Butanone-d5		4.640	46	281079	58.645	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	= 117.280%		
24) Chloroform-d		5.055	84	200862	5.338	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 106.800%		
26) 1,2-Dichloroethane-d4		5.695	65	107845	5.608	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 112.200%		
32) Benzene-d6		5.721	84	380894	5.469	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 109.400%		
36) 1,2-Dichloropropane-d6		6.685	67	124393	5.700	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 114.000%		
41) Toluene-d8		7.894	98	303051	5.044	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 100.800%		
43) trans-1,3-Dichloroprop...		8.174	79	45837	5.235	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 104.600%		
46) 2-Hexanone-d5		8.630	63	216980	54.712	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 109.420%		
56) 1,1,2,2-Tetrachloroeth...		10.749	84	103199	5.631	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 112.600%		
66) 1,2-Dichlorobenzene-d4		12.190	152	102778	5.854	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 117.000%		
Target Compounds							Qvalue
16) Methylene chloride		3.039	84	6223	0.300	ug/L	91
35) Methylcyclohexane		6.685	83	29525	1.205	ug/L #	17
37) 1,2-Dichloropropane		6.685	63	13841	0.707	ug/L #	90
39) cis-1,3-Dichloropropene		7.563	75	3131	0.117	ug/L #	80
47) Tetrachloroethene		8.550	164	62821	4.740	ug/L	95
48) 2-Hexanone		8.630	43	27689	3.764	ug/L #	81
49) Dibromochloromethane		8.547	129	64199	3.953	ug/L #	11
61) 1,2,3-Trichloropropane		11.807	75	11695	1.162	ug/L #	68

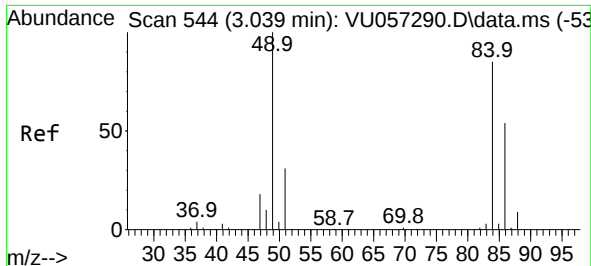
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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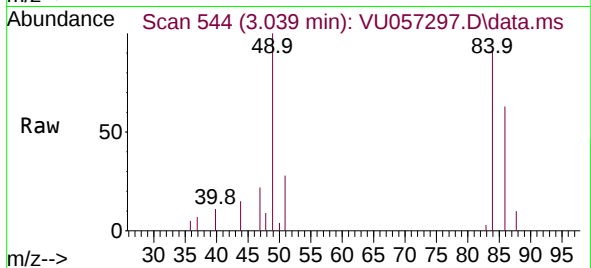
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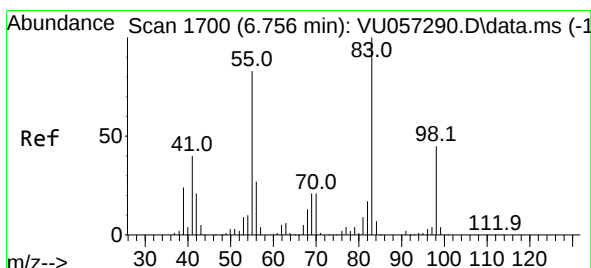
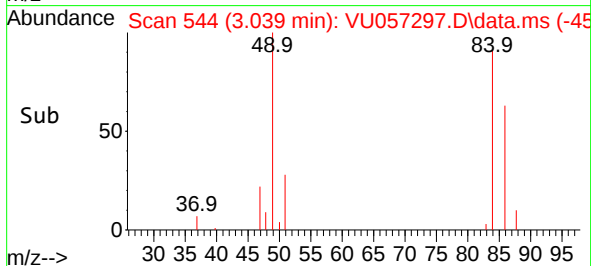
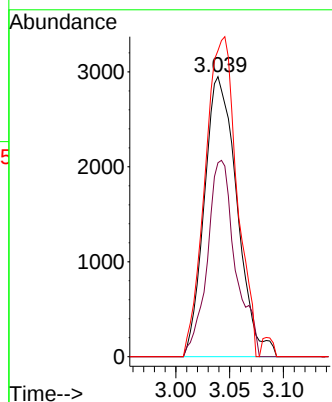
#16
Methylene chloride
Concen: 0.300 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.000 min
Lab File: VU057297.D
Acq: 27 Dec 2023 23:05

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 84 Resp: 6223

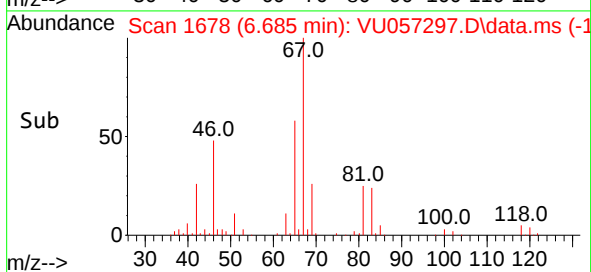
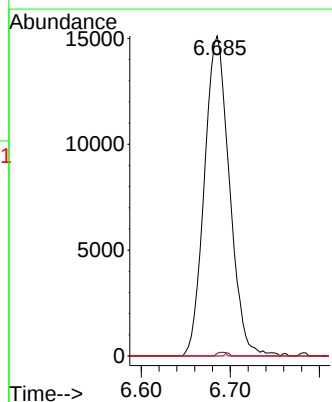
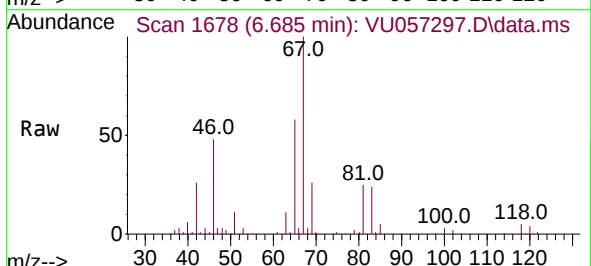
Ion	Ratio	Lower	Upper
84	100		
86	69.3	43.8	81.3
49	109.3	83.2	154.4

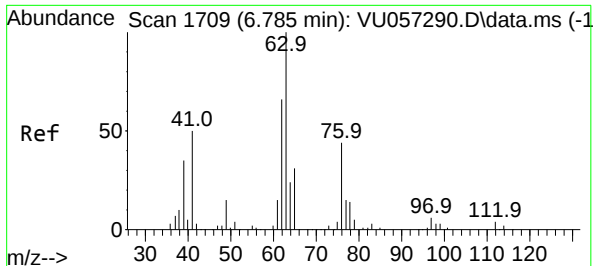


#35
Methylcyclohexane
Concen: 1.205 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.071 min
Lab File: VU057297.D
Acq: 27 Dec 2023 23:05

Tgt Ion: 83 Resp: 29525

Ion	Ratio	Lower	Upper
83	100		
55	0.5	65.4	98.2#
98	0.1	35.3	52.9#

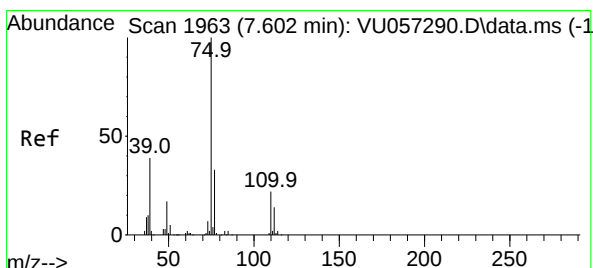
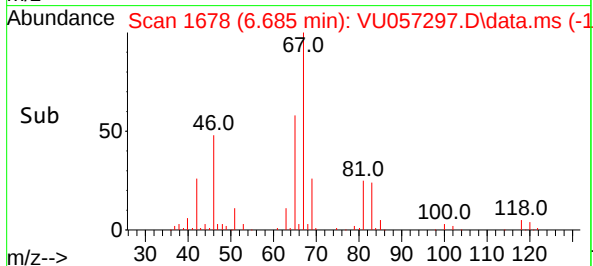
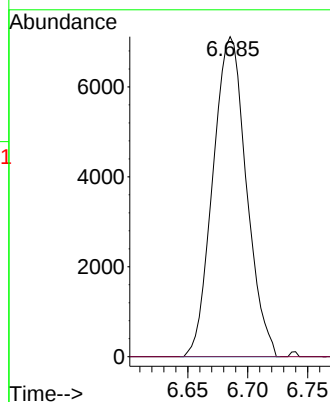
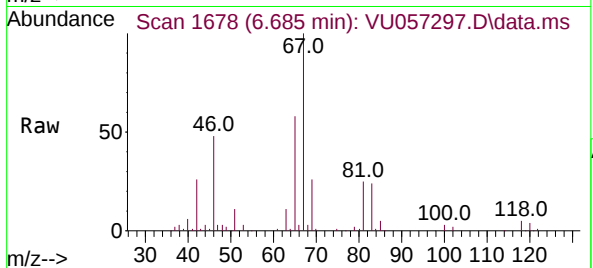




#37
1,2-Dichloropropane
Concen: 0.707 ug/L
RT: 6.685 min Scan# 11
Delta R.T. -0.100 min
Lab File: VU057297.D
Acq: 27 Dec 2023 23:05

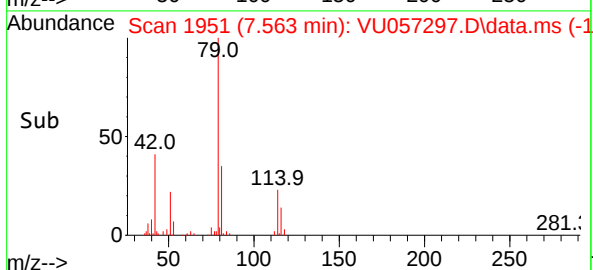
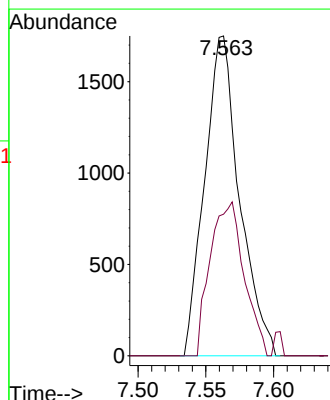
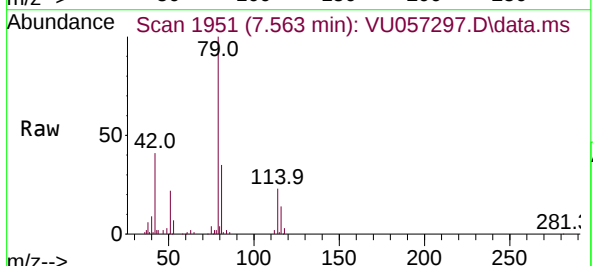
Instrument :
MSVOA_U
ClientSampleId :

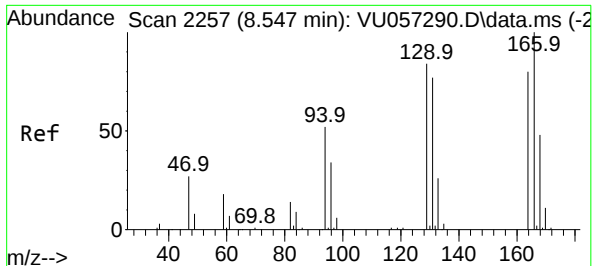
Tgt Ion: 63 Resp: 13841
Ion Ratio Lower Upper
63 100
112 0.3 2.9 4.3#



#39
cis-1,3-Dichloropropene
Concen: 0.117 ug/L
RT: 7.563 min Scan# 1951
Delta R.T. -0.039 min
Lab File: VU057297.D
Acq: 27 Dec 2023 23:05

Tgt Ion: 75 Resp: 3131
Ion Ratio Lower Upper
75 100
77 44.3 23.0 42.8#

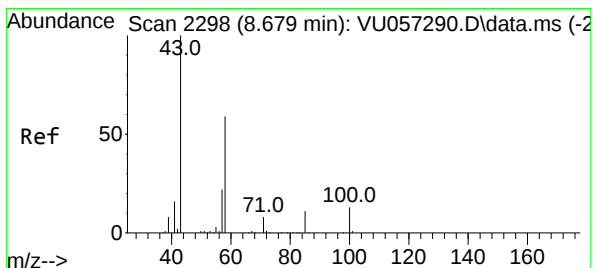
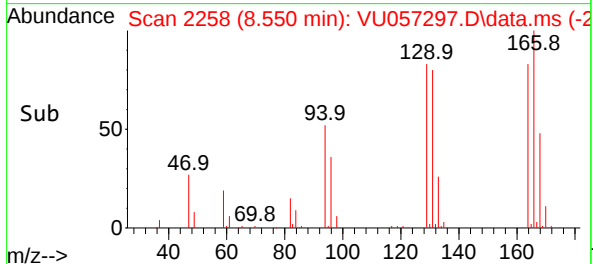
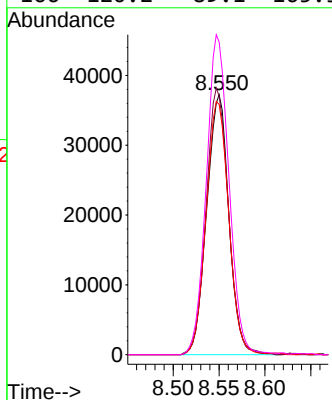
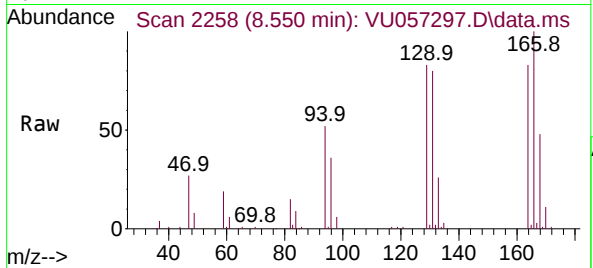




#47
Tetrachloroethene
Concen: 4.740 ug/L
RT: 8.550 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU057297.D
Acq: 27 Dec 2023 23:05

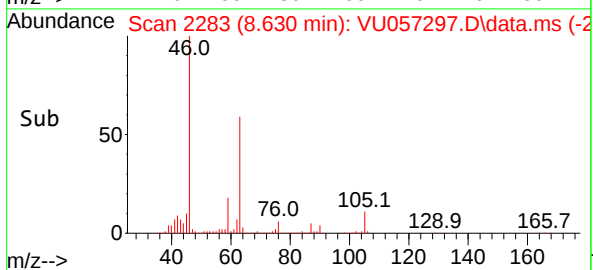
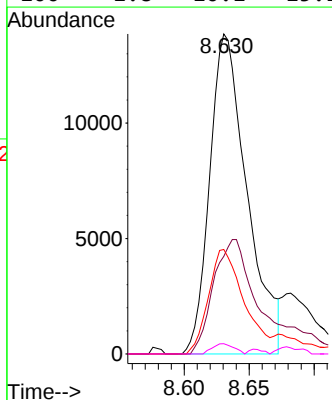
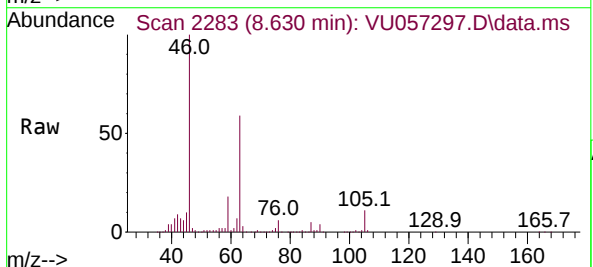
Instrument :
MSVOA_U
ClientSampleId :

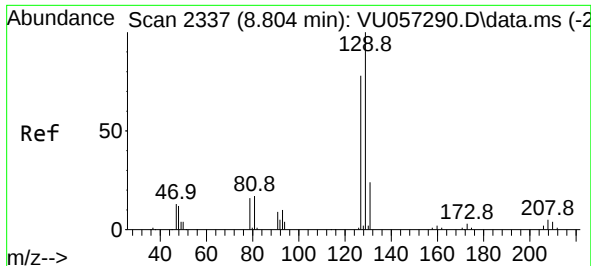
Tgt Ion:164 Resp: 62821
Ion Ratio Lower Upper
164 100
129 99.5 71.3 132.5
131 96.3 70.7 131.3
166 120.2 89.1 165.5



#48
2-Hexanone
Concen: 3.764 ug/L
RT: 8.630 min Scan# 2283
Delta R.T. -0.048 min
Lab File: VU057297.D
Acq: 27 Dec 2023 23:05

Tgt Ion: 43 Resp: 27689
Ion Ratio Lower Upper
43 100
58 46.9 48.4 72.6#
57 30.9 17.4 26.2#
100 1.8 10.1 15.1#





#49

Dibromochloromethane

Concen: 3.953 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU057297.D

Acq: 27 Dec 2023 23:05

Instrument :

MSVOA_U

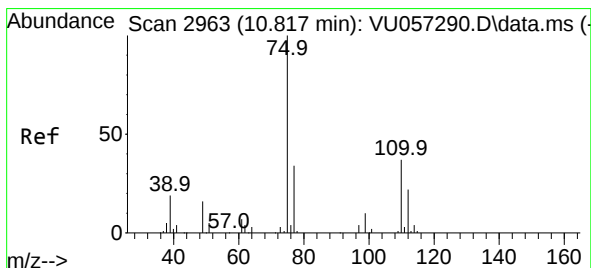
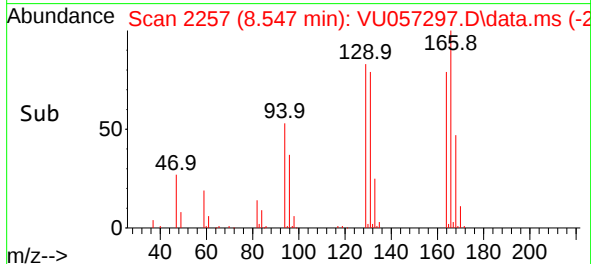
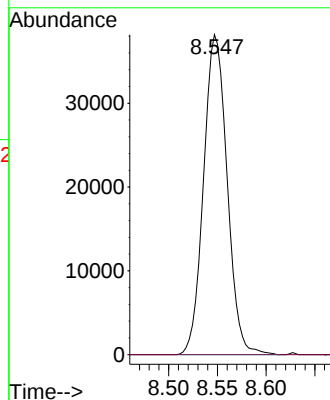
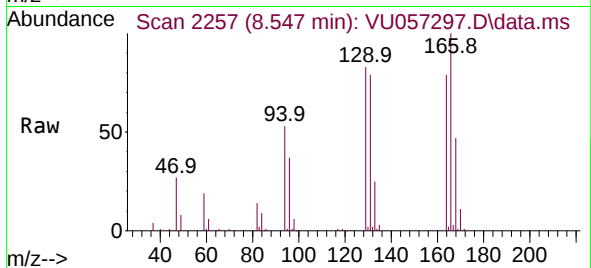
ClientSampleId :

Tgt Ion:129 Resp: 64199

Ion Ratio Lower Upper

129 100

127 0.0 54.2 100.6#



#61

1,2,3-Trichloropropane

Concen: 1.162 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.990 min

Lab File: VU057297.D

Acq: 27 Dec 2023 23:05

Tgt Ion: 75 Resp: 11695

Ion Ratio Lower Upper

75 100

110 2.7 29.0 43.6#

77 33.3 25.4 38.2

