

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122623\
 Data File : VU057238.D
 Acq On : 26 Dec 2023 16:45
 Operator : MD/SY
 Sample : 05927-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 26 23:42:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 26 23:39:51 2023
 Response via : Initial Calibration

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

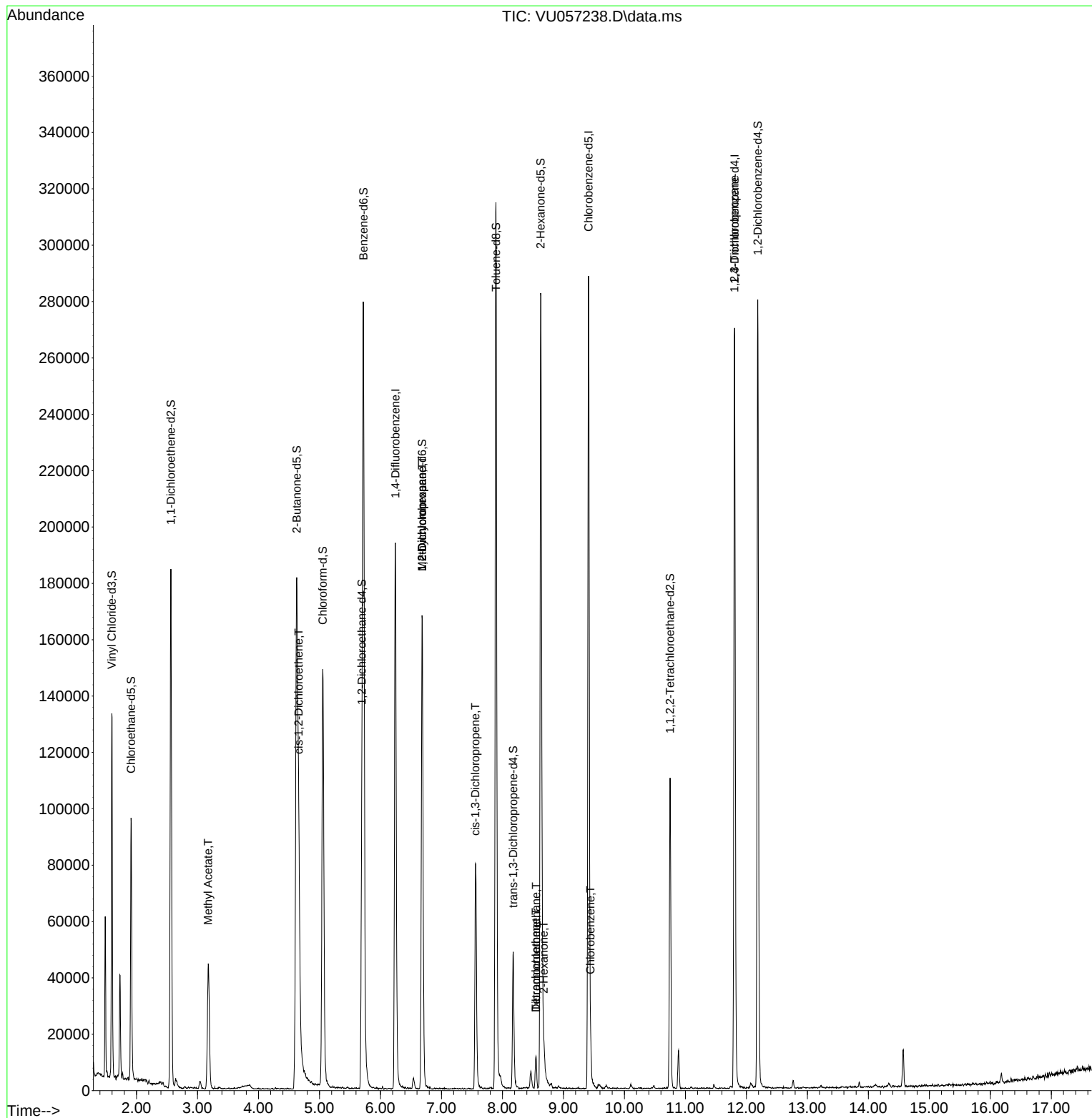
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	157546	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	164532	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	73740	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	91528	6.078	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	121.600%
7) Chloroethane-d5	1.911	69	70346	5.675	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.600%
11) 1,1-Dichloroethene-d2	2.563	65	35089	5.378	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	107.600%
20) 2-Butanone-d5	4.628	46	130789	55.319	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.640%
24) Chloroform-d	5.055	84	141798	4.876	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
26) 1,2-Dichloroethane-d4	5.695	65	68732	4.959	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%
32) Benzene-d6	5.721	84	265261	4.701	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
36) 1,2-Dichloropropane-d6	6.682	67	79931	4.977	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.600%
41) Toluene-d8	7.894	98	219758	4.265	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.400%
43) trans-1,3-Dichloroprop...	8.177	79	29030	4.343	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.800%
46) 2-Hexanone-d5	8.627	63	97640	42.899	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.800%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	56478	4.942	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	73797	4.651	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.000%
Target Compounds						
					Qvalue	
15) Methyl Acetate	3.174	43	3337	0.995	ug/L #	52
22) cis-1,2-Dichloroethene	4.660	96	22793	1.802	ug/L	94
35) Methylcyclohexane	6.682	83	19761	0.984	ug/L #	19
37) 1,2-Dichloropropane	6.682	63	8620	0.664	ug/L #	88
39) cis-1,3-Dichloropropene	7.557	75	2605	0.133	ug/L	85
47) Tetrachloroethene	8.550	164	2610	0.239	ug/L	84
48) 2-Hexanone	8.679	43	4210	1.015	ug/L #	47
49) Dibromochloromethane	8.553	129	2520	0.217	ug/L #	10
51) Chlorobenzene	9.444	112	5335	0.148	ug/L #	88
61) 1,2,3-Trichloropropane	11.804	75	8671	1.262	ug/L #	67

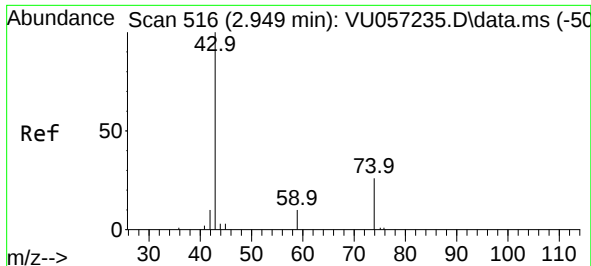
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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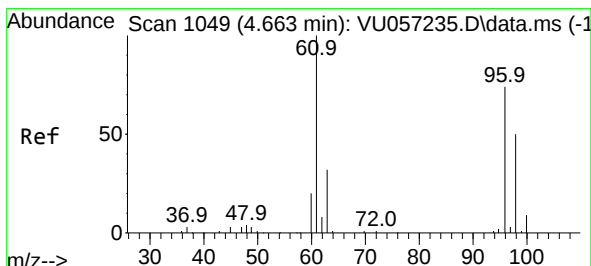
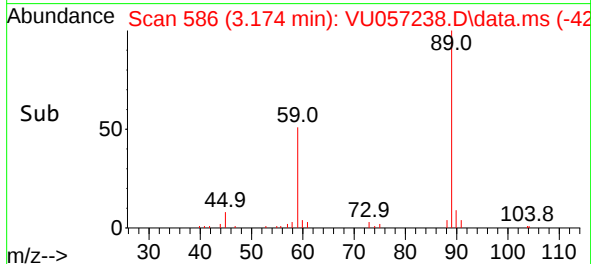
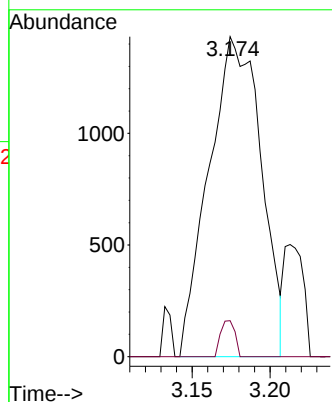
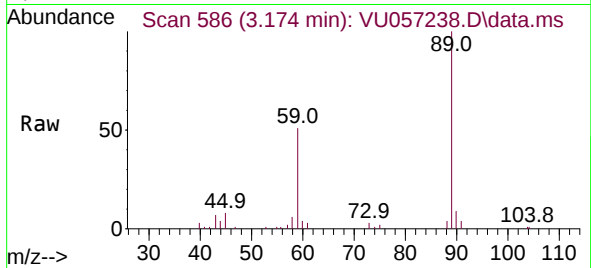




#15
Methyl Acetate
Concen: 0.995 ug/L
RT: 3.174 min Scan# 516
Delta R.T. 0.225 min
Lab File: VU057238.D
Acq: 26 Dec 2023 16:45

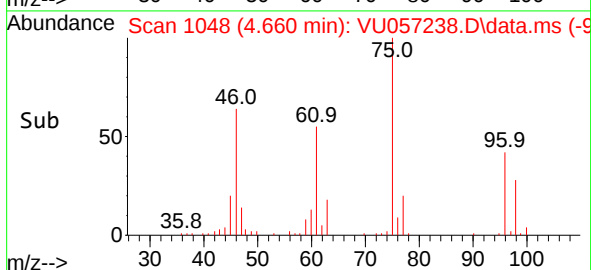
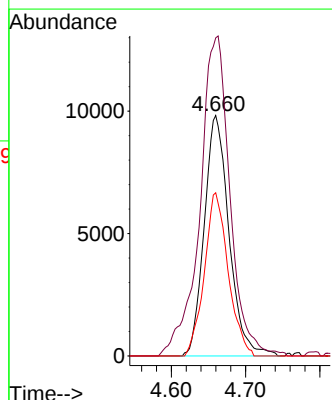
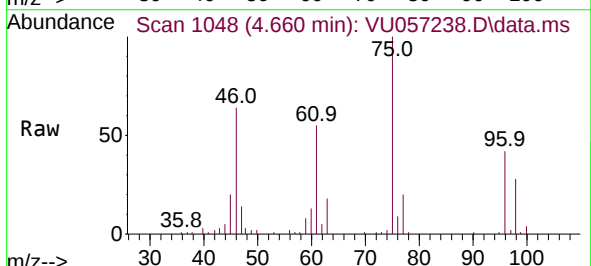
Instrument :
MSVOA_U
ClientSampleId :

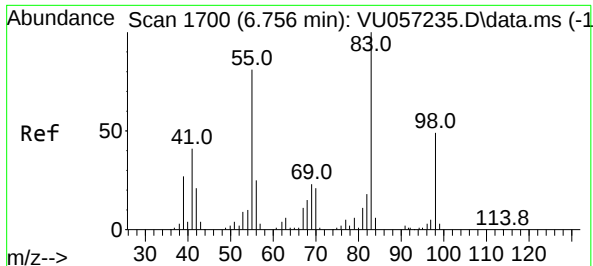
Tgt Ion: 43 Resp: 3337
Ion Ratio Lower Upper
43 100
74 3.1 22.8 34.2#



#22
cis-1,2-Dichloroethene
Concen: 1.802 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. -0.003 min
Lab File: VU057238.D
Acq: 26 Dec 2023 16:45

Tgt Ion: 96 Resp: 22793
Ion Ratio Lower Upper
96 100
61 132.2 86.8 161.2
98 67.8 45.5 84.5





#35

Methylcyclohexane

Concen: 0.984 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU057238.D

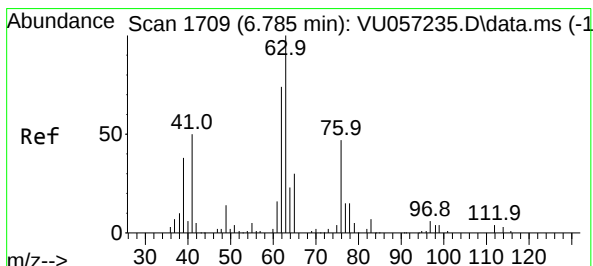
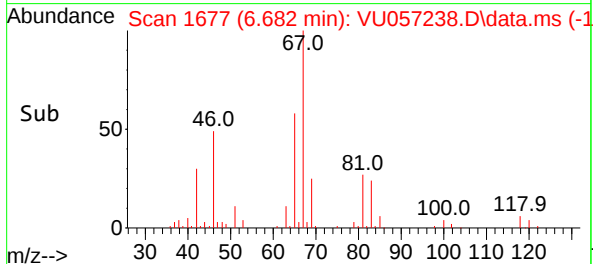
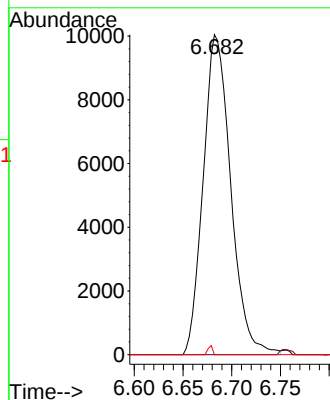
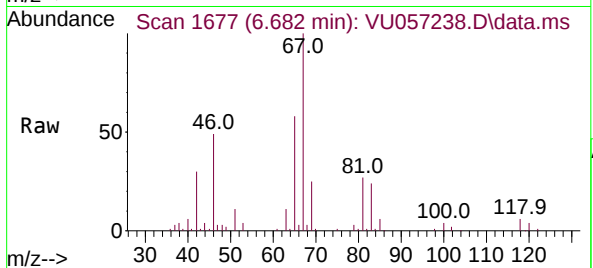
Acq: 26 Dec 2023 16:45

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 19761
Ion Ratio	Lower Upper
83	100
55	0.7 61.3 91.9#
98	0.5 36.6 55.0#



#37

1,2-Dichloropropane

Concen: 0.664 ug/L

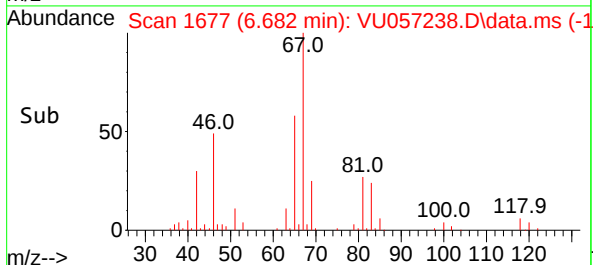
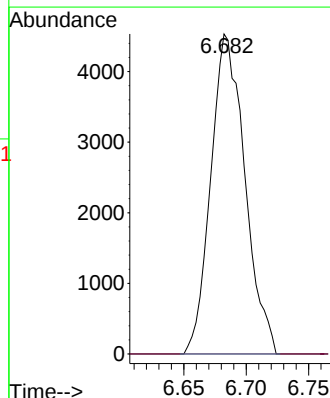
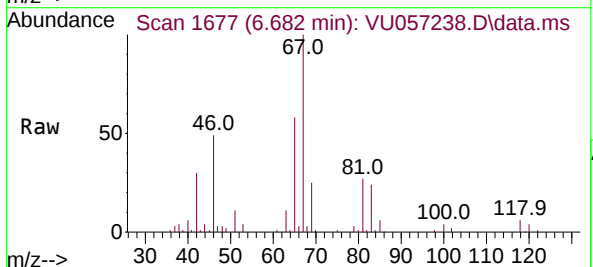
RT: 6.682 min Scan# 1677

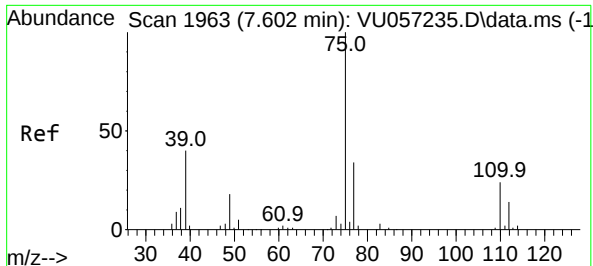
Delta R.T. -0.103 min

Lab File: VU057238.D

Acq: 26 Dec 2023 16:45

Tgt Ion: 63	Resp: 8620
Ion Ratio	Lower Upper
63	100
112	0.0 3.1 4.7#





#39

cis-1,3-Dichloropropene

Concen: 0.133 ug/L

RT: 7.557 min Scan# 1963

Delta R.T. -0.045 min

Lab File: VU057238.D

Acq: 26 Dec 2023 16:45

Instrument :

MSVOA_U

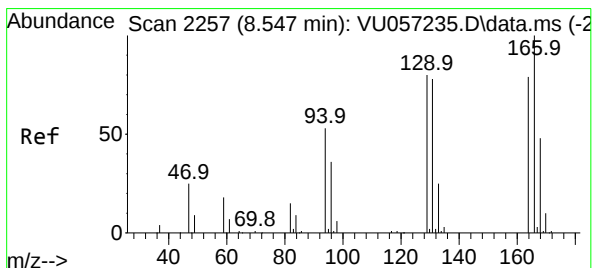
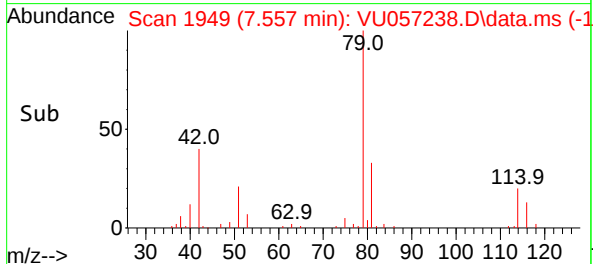
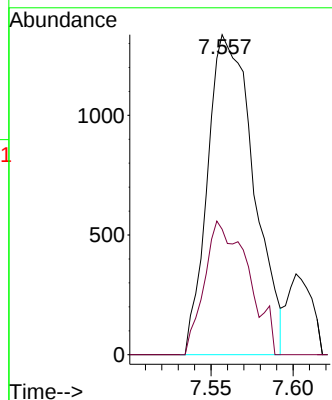
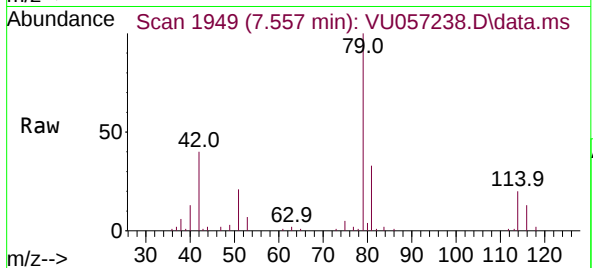
ClientSampleId :

Tgt Ion: 75 Resp: 2605

Ion Ratio Lower Upper

75 100

77 39.2 21.8 40.4



#47

Tetrachloroethene

Concen: 0.239 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. 0.003 min

Lab File: VU057238.D

Acq: 26 Dec 2023 16:45

Tgt Ion:164 Resp: 2610

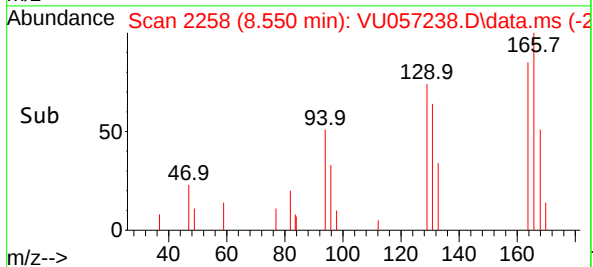
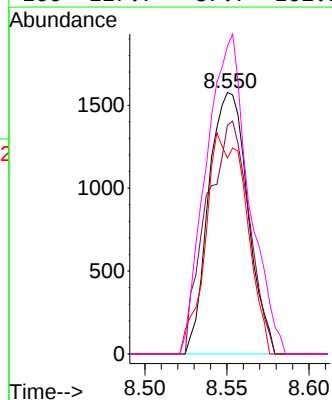
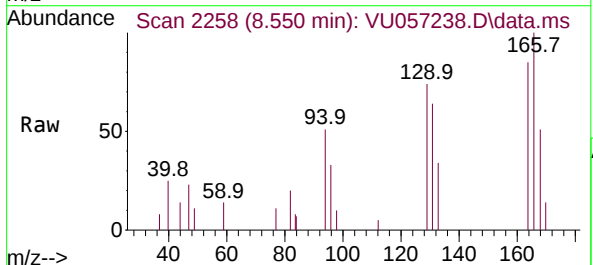
Ion Ratio Lower Upper

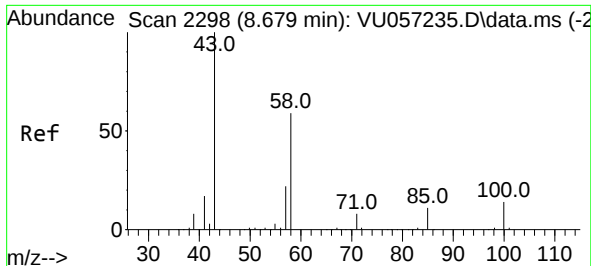
164 100

129 87.4 72.9 135.3

131 75.0 71.7 133.3

166 117.7 87.7 162.9

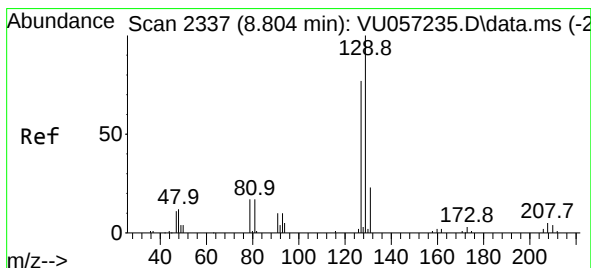
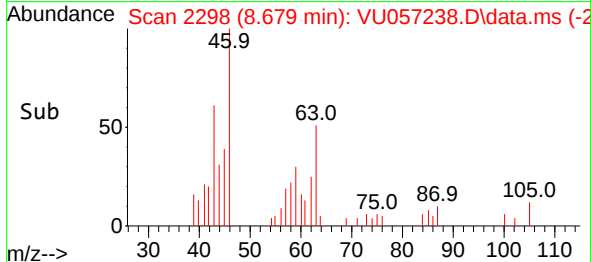
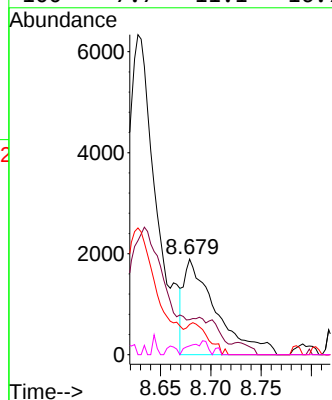
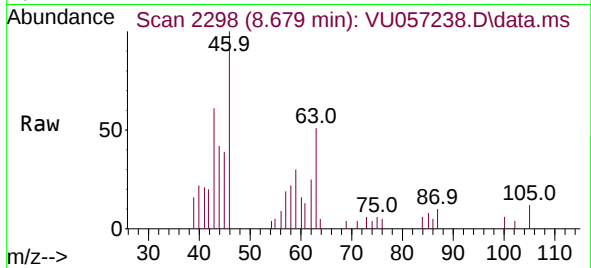




#48
2-Hexanone
Concen: 1.015 ug/L
RT: 8.679 min Scan# 2298
Delta R.T. -0.000 min
Lab File: VU057238.D
Acq: 26 Dec 2023 16:45

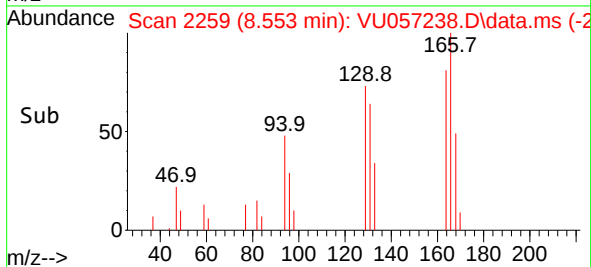
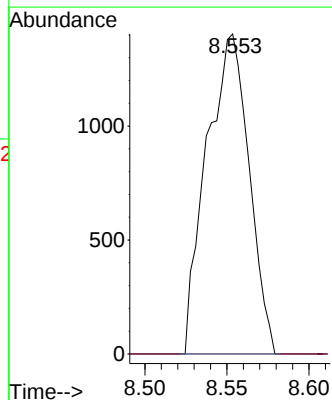
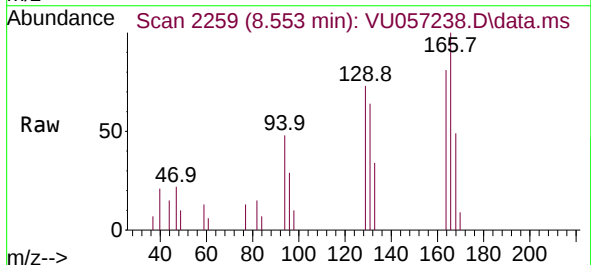
Instrument :
MSVOA_U
ClientSampleId :

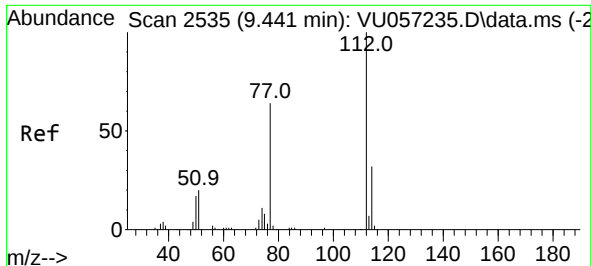
Tgt Ion: 43 Resp: 4210
Ion Ratio Lower Upper
43 100
58 0.0 49.8 74.8#
57 22.2 18.5 27.7
100 7.7 11.1 16.7#



#49
Dibromochloromethane
Concen: 0.217 ug/L
RT: 8.553 min Scan# 2259
Delta R.T. -0.251 min
Lab File: VU057238.D
Acq: 26 Dec 2023 16:45

Tgt Ion: 129 Resp: 2520
Ion Ratio Lower Upper
129 100
127 0.0 55.2 102.6#

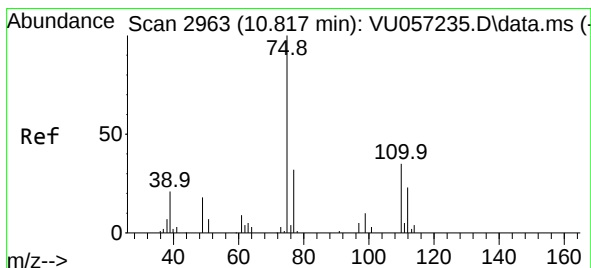
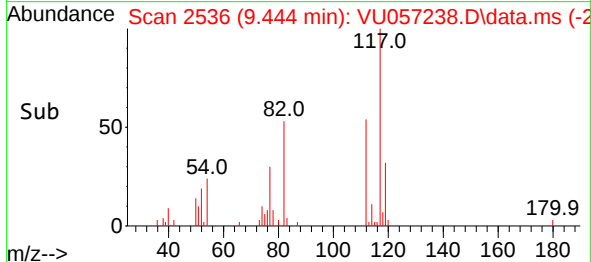
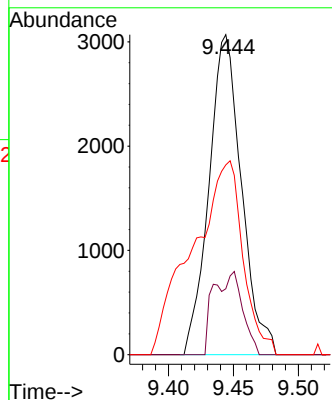
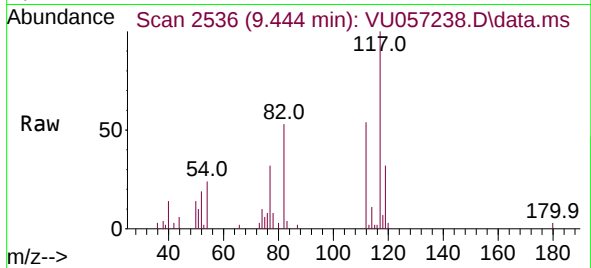




#51
Chlorobenzene
Concen: 0.148 ug/L
RT: 9.444 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU057238.D
Acq: 26 Dec 2023 16:45

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:112 Resp: 5335
Ion Ratio Lower Upper
112 100
114 20.6 22.7 42.1#
77 59.3 52.2 78.2



#61
1,2,3-Trichloropropane
Concen: 1.262 ug/L
RT: 11.804 min Scan# 3270
Delta R.T. 0.987 min
Lab File: VU057238.D
Acq: 26 Dec 2023 16:45

Tgt Ion: 75 Resp: 8671
Ion Ratio Lower Upper
75 100
110 2.9 31.2 46.8#
77 31.8 25.5 38.3

