

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041624\
 Data File : VU058709.D
 Acq On : 16 Apr 2024 12:34
 Operator : MD/SY
 Sample : P2055-03DL 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 17 01:11:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 17 01:09:43 2024
 Response via : Initial Calibration

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

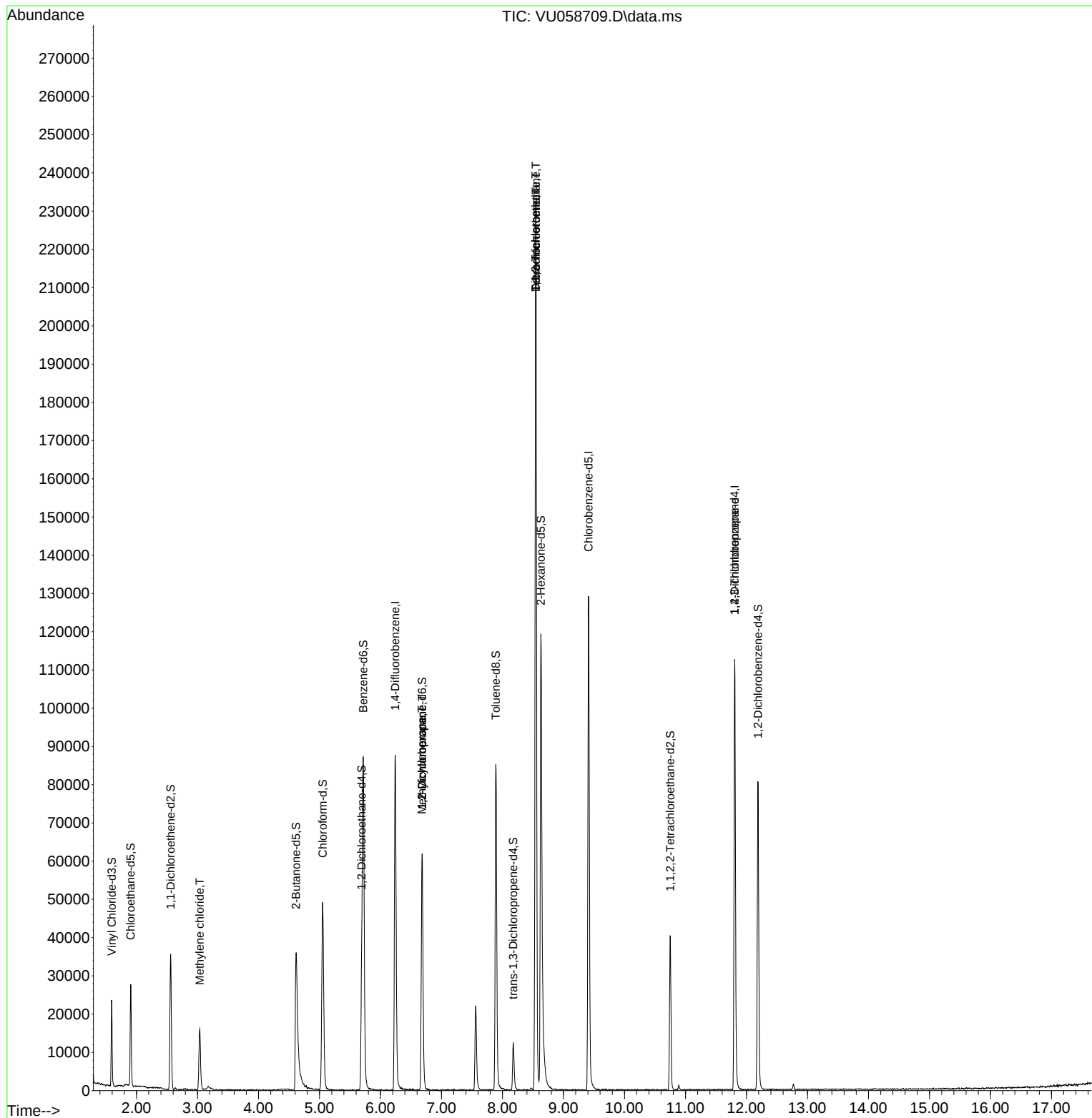
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	69087	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	67627	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	28982	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	15455	3.379	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.600%
7) Chloroethane-d5	1.904	69	18049	4.541	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.800%
11) 1,1-Dichloroethene-d2	2.560	65	6992	3.377	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.600%
20) 2-Butanone-d5	4.615	46	62936	65.292	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	130.580%#
24) Chloroform-d	5.052	84	45289	4.960	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.200%
26) 1,2-Dichloroethane-d4	5.692	65	24909	5.845	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.000%
32) Benzene-d6	5.718	84	78825	4.329	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.600%
36) 1,2-Dichloropropane-d6	6.682	67	29789	5.217	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.400%
41) Toluene-d8	7.891	98	57250	3.546	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.000%
43) trans-1,3-Dichloroprop...	8.177	79	7502	4.233	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.600%
46) 2-Hexanone-d5	8.627	63	41236	56.408	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.820%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	21159	5.249	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	21117	4.326	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.600%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.036	84	7029	1.082	ug/L	98
35) Methylcyclohexane	6.679	83	6015	0.646	ug/L #	16
37) 1,2-Dichloropropane	6.682	63	3156	0.489	ug/L #	90
45) 1,1,2-Trichloroethane	8.544	97	396	0.105	ug/L #	1
47) Tetrachloroethene	8.547	164	48341	10.671	ug/L	97
49) Dibromochloromethane	8.547	129	47081	10.811	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	4172	1.411	ug/L #	69

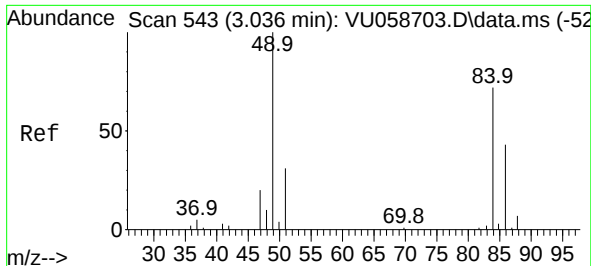
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

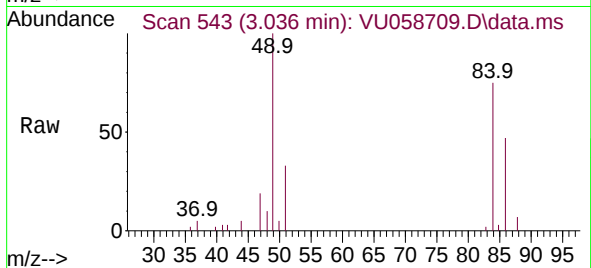
Quant Time: Apr 17 01:11:23 2024
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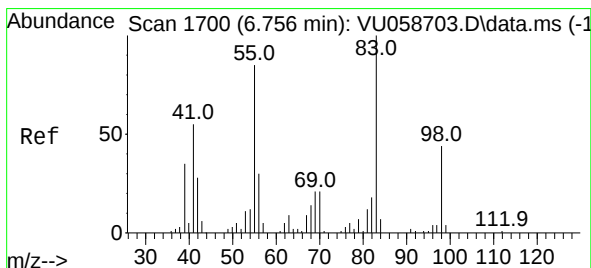
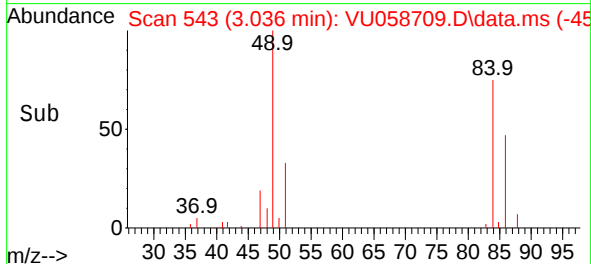
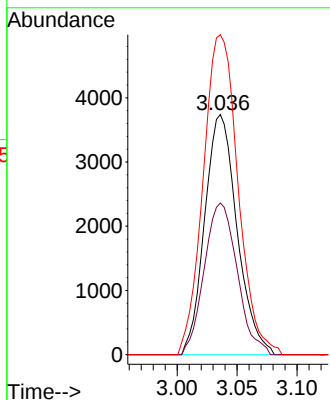
#16
Methylene chloride
Concen: 1.082 ug/L
RT: 3.036 min Scan# 54
Delta R.T. 0.000 min
Lab File: VU058709.D
Acq: 16 Apr 2024 12:34

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 84 Resp: 7029

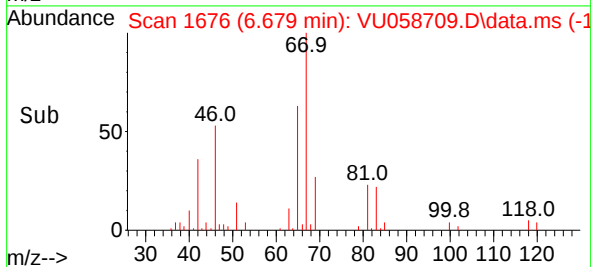
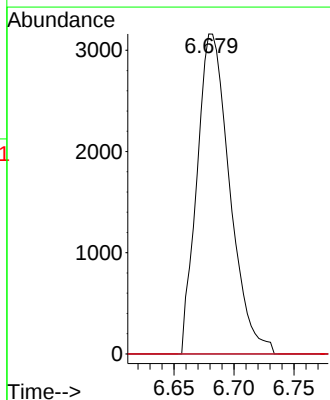
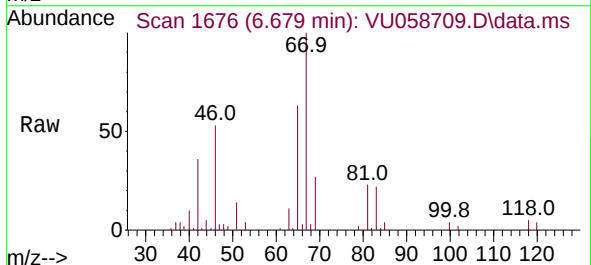
Ion	Ratio	Lower	Upper
84	100		
86	63.2	44.3	82.3
49	133.3	96.0	178.2

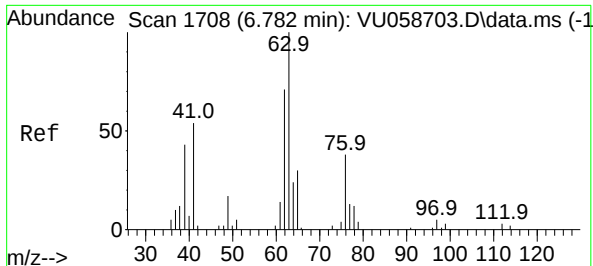


#35
Methylcyclohexane
Concen: 0.646 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.077 min
Lab File: VU058709.D
Acq: 16 Apr 2024 12:34

Tgt Ion: 83 Resp: 6015

Ion	Ratio	Lower	Upper
83	100		
55	0.0	66.2	99.4#
98	0.0	34.6	52.0#

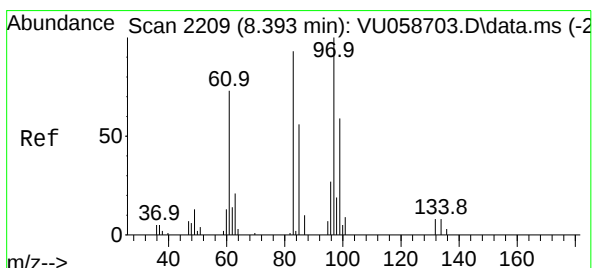
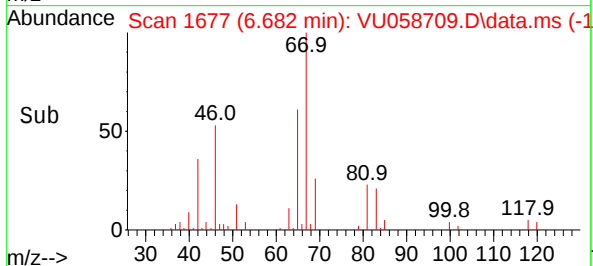
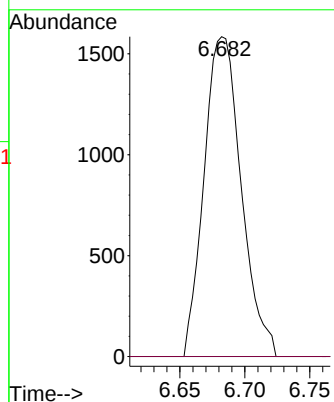
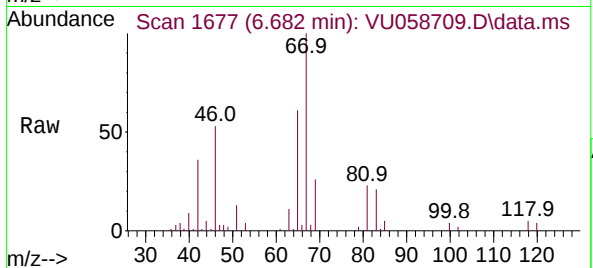




#37
1,2-Dichloropropane
Concen: 0.489 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU058709.D
Acq: 16 Apr 2024 12:34

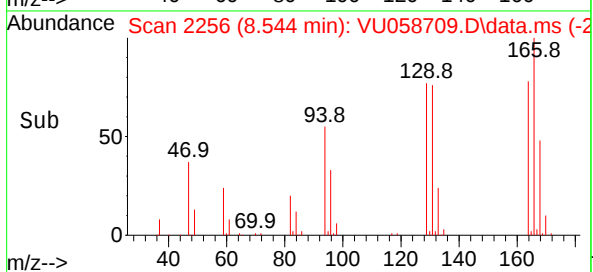
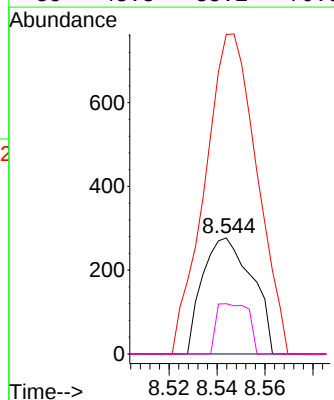
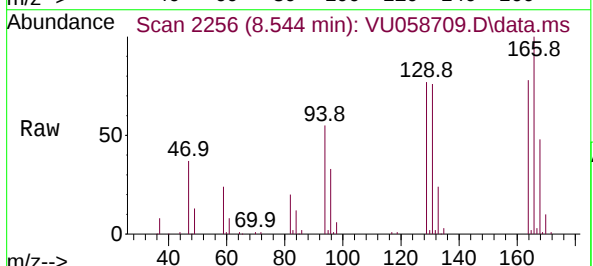
Instrument :
MSVOA_U
ClientSampleId :

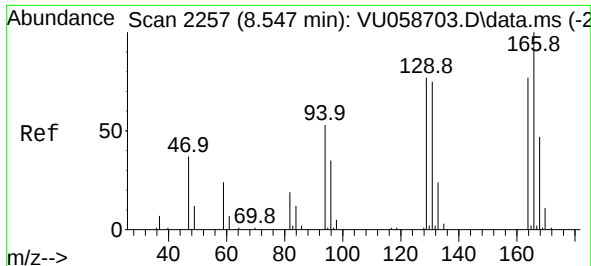
Tgt Ion: 63 Resp: 3156
Ion Ratio Lower Upper
63 100
112 0.0 2.6 4.0#



#45
1,1,2-Trichloroethane
Concen: 0.105 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. 0.151 min
Lab File: VU058709.D
Acq: 16 Apr 2024 12:34

Tgt Ion: 97 Resp: 396
Ion Ratio Lower Upper
97 100
99 0.0 43.7 81.1#
83 275.5 64.5 119.7#
85 43.3 38.1 70.9





#47

Tetrachloroethene

Concen: 10.671 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. 0.000 min

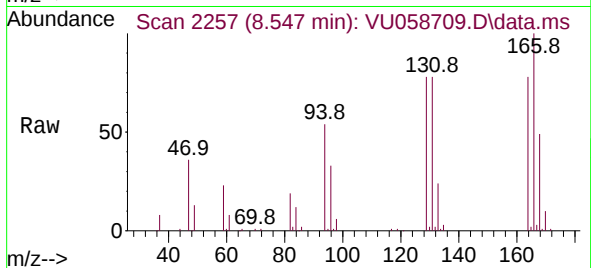
Lab File: VU058709.D

Acq: 16 Apr 2024 12:34

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 48341

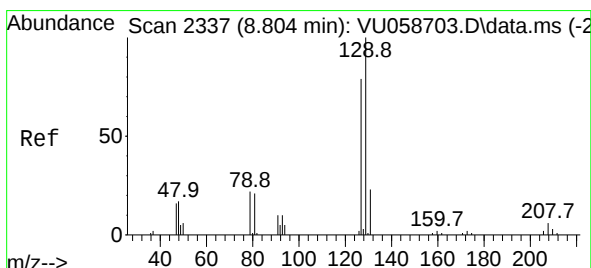
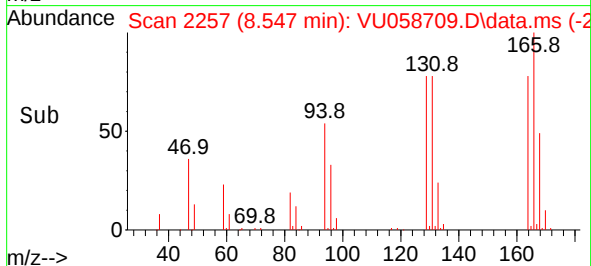
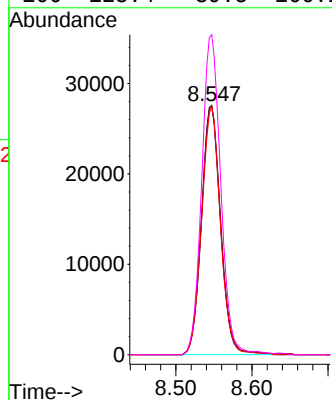
Ion Ratio Lower Upper

164 100

129 99.7 67.3 125.1

131 99.8 65.5 121.6

166 128.4 89.5 166.1



#49

Dibromochloromethane

Concen: 10.811 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.257 min

Lab File: VU058709.D

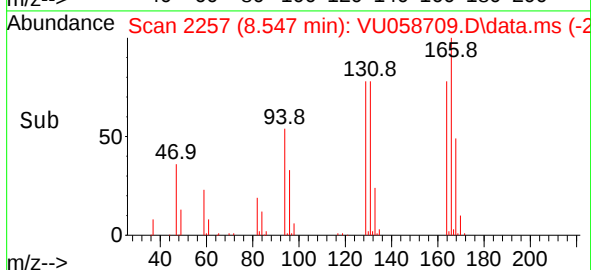
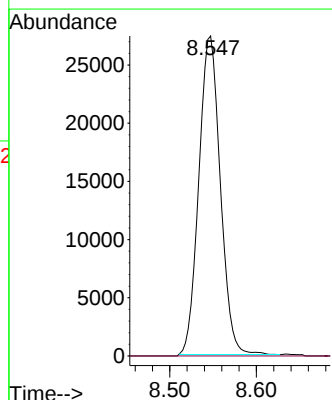
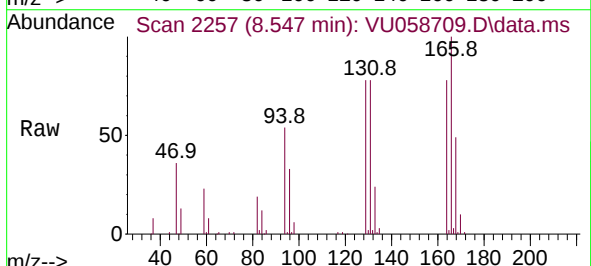
Acq: 16 Apr 2024 12:34

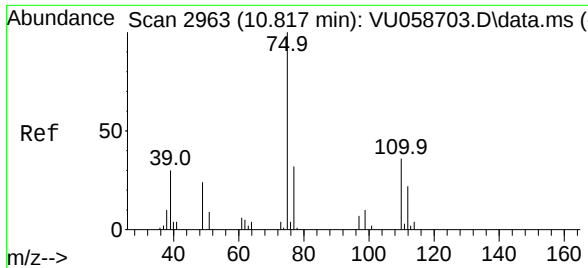
Tgt Ion:129 Resp: 47081

Ion Ratio Lower Upper

129 100

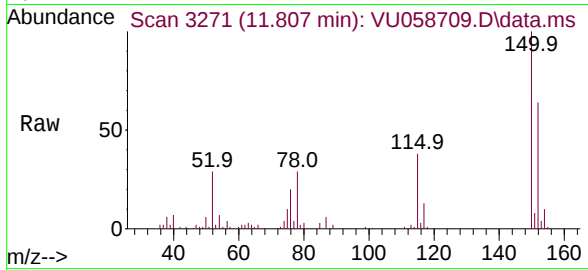
127 0.0 53.5 99.5#





#61
1,2,3-Trichloropropane
Concen: 1.411 ug/L
RT: 11.807 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU058709.D
Acq: 16 Apr 2024 12:34

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 4172
Ion Ratio Lower Upper
75 100
110 0.0 25.8 38.6#
77 33.4 25.1 37.7

