

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032924\
 Data File : VU058263.D
 Acq On : 29 Mar 2024 12:46
 Operator : MD/SY
 Sample : P1902-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 29 23:41:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 29 23:40:26 2024
 Response via : Initial Calibration

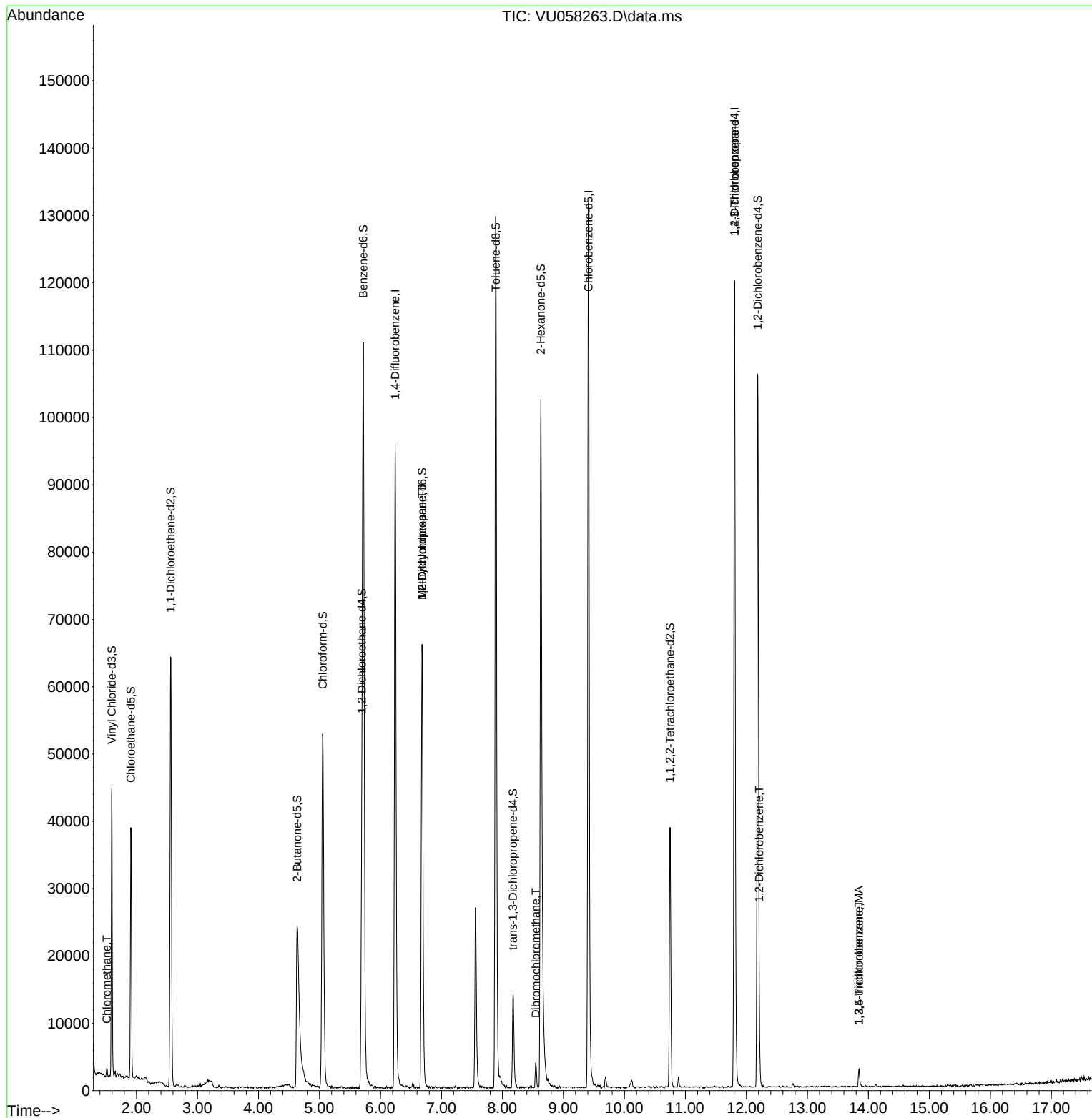
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

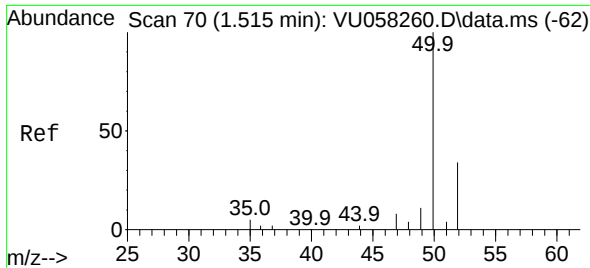
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	77173	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	72843	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	31764	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	29297	4.492	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.800%
7) Chloroethane-d5	1.907	69	25919	4.869	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.400%
11) 1,1-Dichloroethene-d2	2.560	65	12597	4.652	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.000%
20) 2-Butanone-d5	4.634	46	51885	44.782	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.560%
24) Chloroform-d	5.052	84	50903	4.366	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
26) 1,2-Dichloroethane-d4	5.695	65	24532	4.500	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.000%
32) Benzene-d6	5.718	84	105157	4.445	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.800%
36) 1,2-Dichloropropane-d6	6.682	67	32251	4.625	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.600%
41) Toluene-d8	7.891	98	90399	4.313	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.200%
43) trans-1,3-Dichloroprop...	8.174	79	9363	4.191	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.800%
46) 2-Hexanone-d5	8.631	63	37957	41.950	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.900%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	20211	4.449	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	27376	4.628	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.515	50	786	0.194	ug/L	87
35) Methylcyclohexane	6.682	83	7045	1.013	ug/L #	18
37) 1,2-Dichloropropane	6.682	63	3565	0.667	ug/L #	90
49) Dibromochloromethane	8.547	129	821	0.223	ug/L #	10
61) 1,2,3-Trichloropropane	11.807	75	4243	1.595	ug/L #	66
67) 1,2-Dichlorobenzene	12.209	146	2171	0.264	ug/L	91
69) 1,3,5-Trichlorobenzene	13.846	180	1323	0.213	ug/L #	93
70) 1,2,4-trichlorobenzene	13.846	180	1323	0.285	ug/L #	95

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

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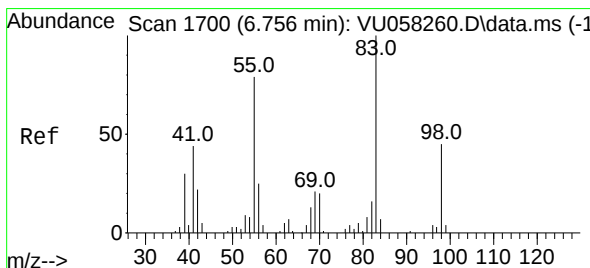
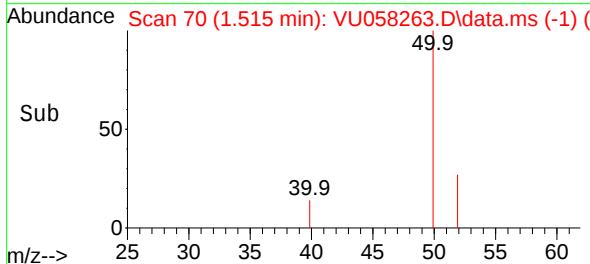
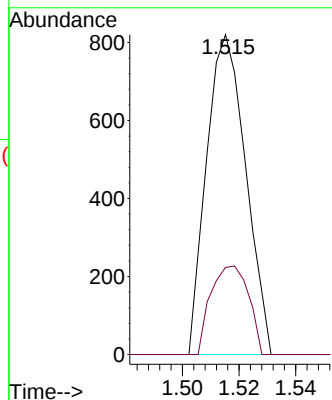
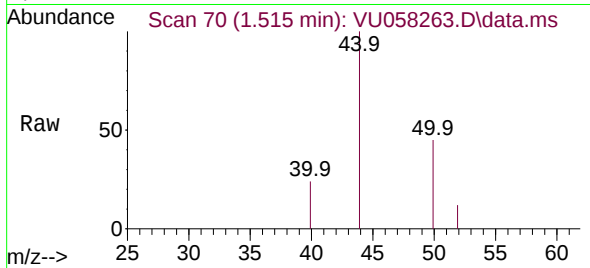
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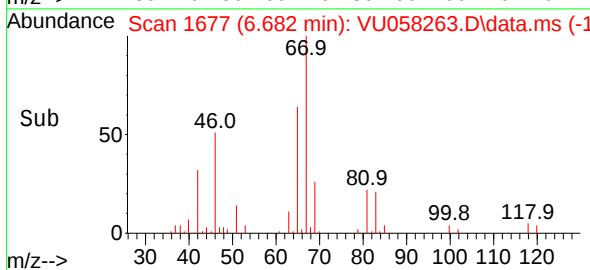
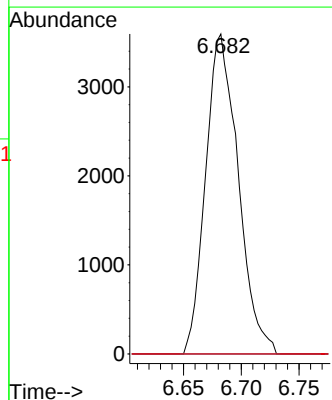
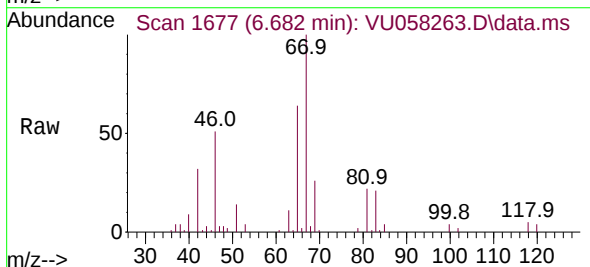
#3
Chloromethane
Concen: 0.194 ug/L
RT: 1.515 min Scan# 70
Delta R.T. 0.000 min
Lab File: VU058263.D
Acq: 29 Mar 2024 12:46

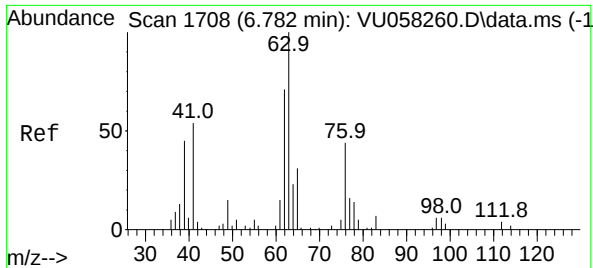
Tgt Ion: 50 Resp: 786
Ion Ratio Lower Upper
50 100
52 27.2 24.2 45.0



#35
Methylcyclohexane
Concen: 1.013 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU058263.D
Acq: 29 Mar 2024 12:46

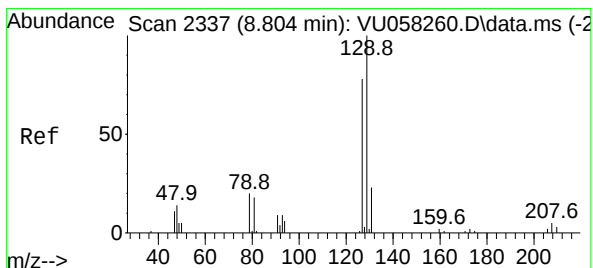
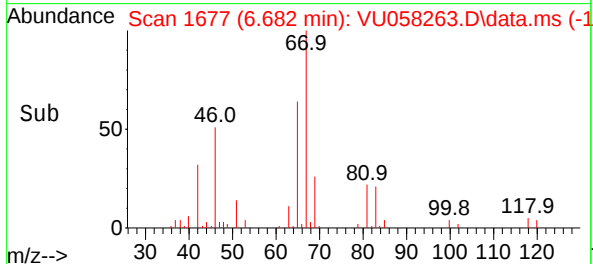
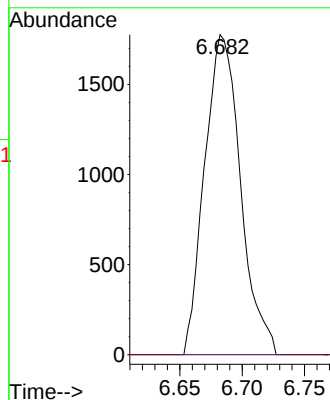
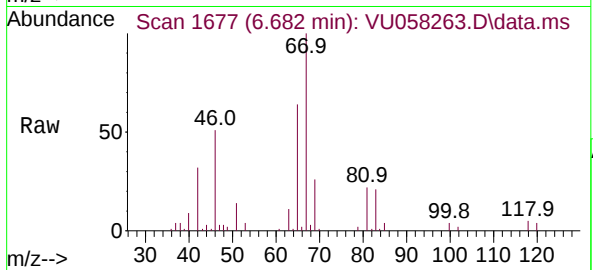
Tgt Ion: 83 Resp: 7045
Ion Ratio Lower Upper
83 100
55 0.0 62.7 94.1#
98 0.0 37.3 55.9#





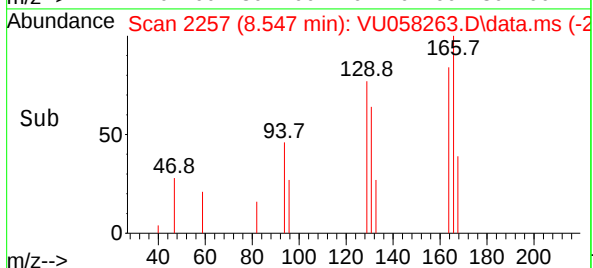
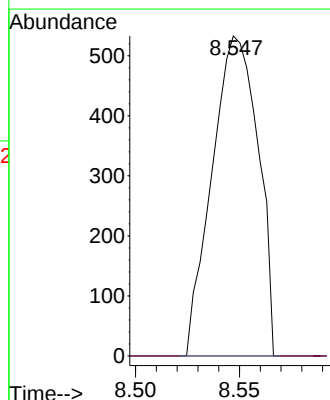
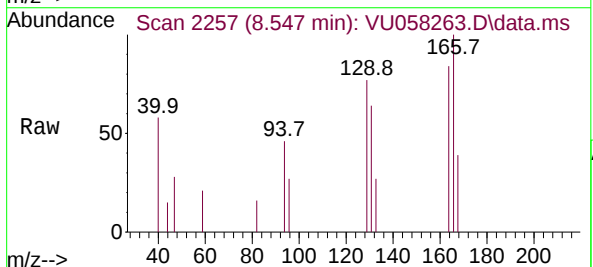
#37
1,2-Dichloropropane
Concen: 0.667 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.100 min
Lab File: VU058263.D
Acq: 29 Mar 2024 12:46

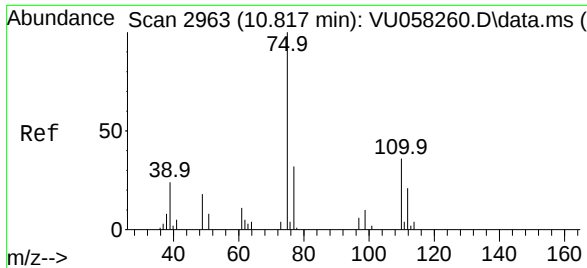
Tgt Ion: 63 Resp: 3565
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#



#49
Dibromochloromethane
Concen: 0.223 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.257 min
Lab File: VU058263.D
Acq: 29 Mar 2024 12:46

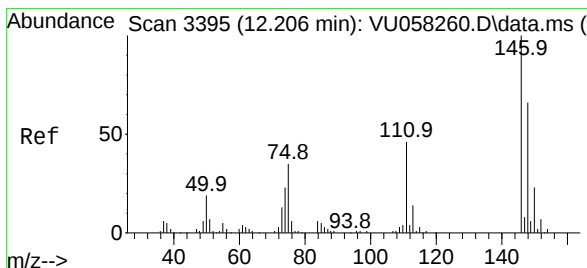
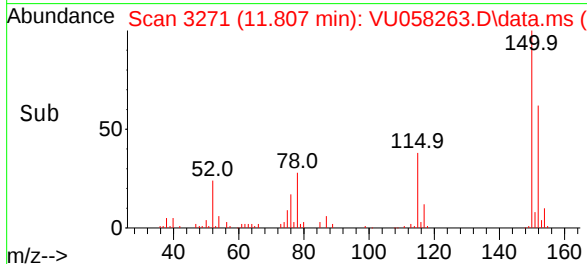
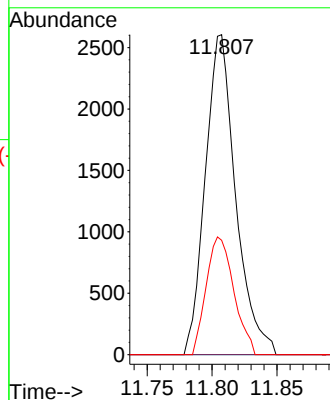
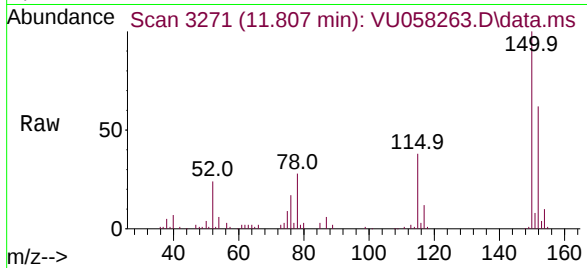
Tgt Ion: 129 Resp: 821
Ion Ratio Lower Upper
129 100
127 0.0 55.7 103.5#





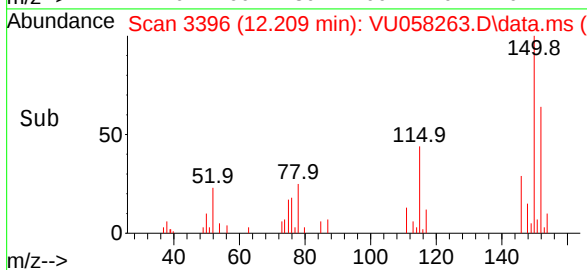
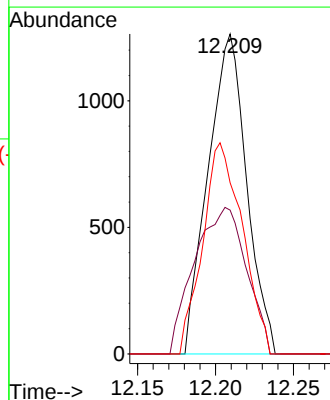
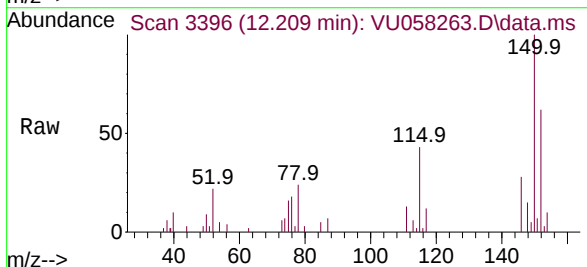
#61
1,2,3-Trichloropropane
Concen: 1.595 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU058263.D
Acq: 29 Mar 2024 12:46

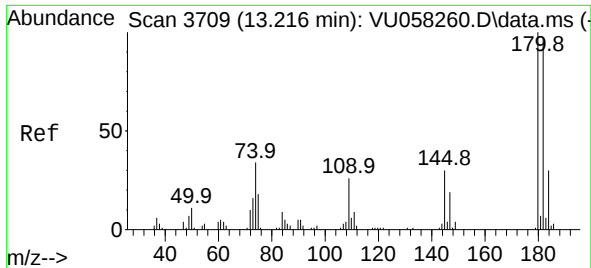
Tgt Ion: 75 Resp: 4243
Ion Ratio Lower Upper
75 100
110 0.0 28.1 42.1#
77 33.4 25.1 37.7



#67
1,2-Dichlorobenzene
Concen: 0.264 ug/L
RT: 12.209 min Scan# 3396
Delta R.T. 0.003 min
Lab File: VU058263.D
Acq: 29 Mar 2024 12:46

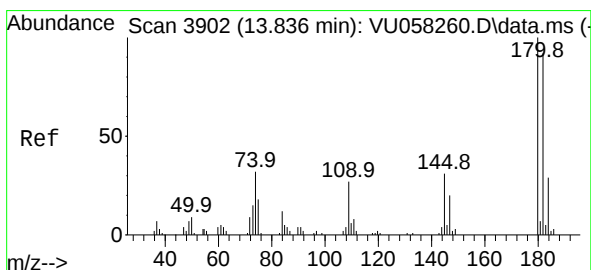
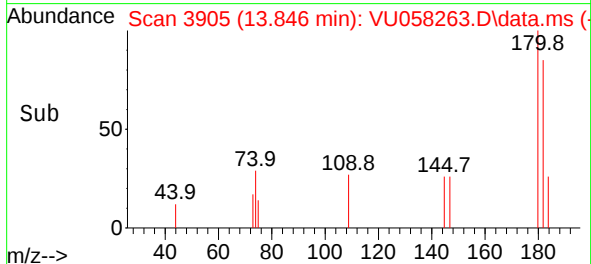
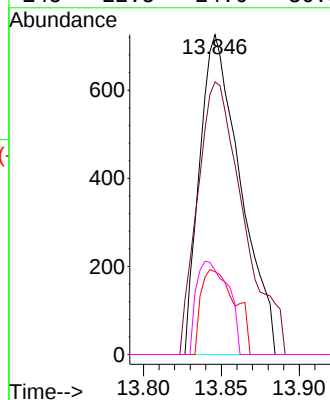
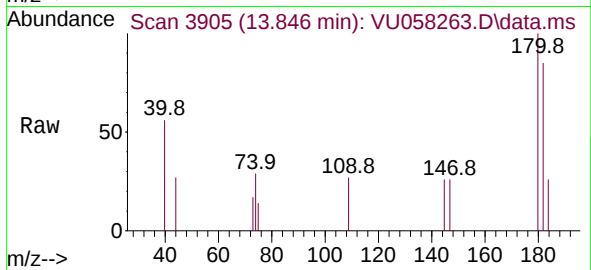
Tgt Ion: 146 Resp: 2171
Ion Ratio Lower Upper
146 100
111 44.9 35.9 53.9
148 53.5 52.4 78.6





#69
1,3,5-Trichlorobenzene
Concen: 0.213 ug/L
RT: 13.846 min Scan# 3905
Delta R.T. 0.630 min
Lab File: VU058263.D
Acq: 29 Mar 2024 12:46

Tgt Ion:180 Resp: 1323
Ion Ratio Lower Upper
180 100
182 95.4 75.4 113.0
184 22.1 24.8 37.2#
145 22.5 24.6 36.8#



#70
1,2,4-trichlorobenzene
Concen: 0.285 ug/L
RT: 13.846 min Scan# 3905
Delta R.T. 0.010 min
Lab File: VU058263.D
Acq: 29 Mar 2024 12:46

Tgt Ion:180 Resp: 1323
Ion Ratio Lower Upper
180 100
182 95.4 74.5 111.7
145 22.5 24.5 36.7#

