

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032924\
 Data File : VU058296.D
 Acq On : 30 Mar 2024 02:05
 Operator : MD/SY
 Sample : P1929-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Quant Time: Mar 30 03:28:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Mar 30 01:09:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	67517	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	65771	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	28612	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	18056	3.165	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.200%
7) Chloroethane-d5	1.908	69	19222	4.127	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.600%
11) 1,1-Dichloroethene-d2	2.560	65	8306	3.506	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.200%
20) 2-Butanone-d5	4.628	46	63718	62.861	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.720%
24) Chloroform-d	5.052	84	47693	4.675	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
26) 1,2-Dichloroethane-d4	5.692	65	24548	5.147	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.000%
32) Benzene-d6	5.718	84	89702	4.199	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.000%
36) 1,2-Dichloropropane-d6	6.682	67	30642	4.867	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.400%
41) Toluene-d8	7.891	98	73774	3.898	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.000%
43) trans-1,3-Dichloroprop...	8.174	79	8376	4.152	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.000%
46) 2-Hexanone-d5	8.628	63	44823	54.864	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.720%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	22086	5.385	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	25684	4.820	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.400%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	6238	1.545	ug/L	97
12) 1,1-Dichloroethene	2.573	96	13282	3.924	ug/L	97
14) Carbon disulfide	2.785	76	915	0.121	ug/L #	75
16) Methylene chloride	3.036	84	1093	0.228	ug/L	98
18) trans-1,2-Dichloroethene	3.351	96	578	0.163	ug/L	87
19) 1,1-Dichloroethane	3.862	63	11143	1.402	ug/L	98
22) cis-1,2-Dichloroethene	4.653	96	84279	19.281	ug/L	98
25) Chloroform	5.078	83	16438	1.972	ug/L	97
29) 1,1,1-Trichloroethane	5.306	97	3140	0.462	ug/L	97
31) Carbon tetrachloride	5.515	117	7792	1.346	ug/L	98
34) Trichloroethene	6.534	95	888933	197.521	ug/L	98
35) Methylcyclohexane	6.682	83	6645	1.059	ug/L #	18
37) 1,2-Dichloropropane	6.682	63	3149	0.653	ug/L #	90
45) 1,1,2-Trichloroethane	8.399	97	481	0.158	ug/L #	77
47) Tetrachloroethene	8.544	164	77626	25.752	ug/L	97
49) Dibromochloromethane	8.547	129	79372	23.865	ug/L #	10
61) 1,2,3-Trichloropropane	11.807	75	4043	1.687	ug/L #	66

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ALS Vial : 40 Sample Multiplier: 1

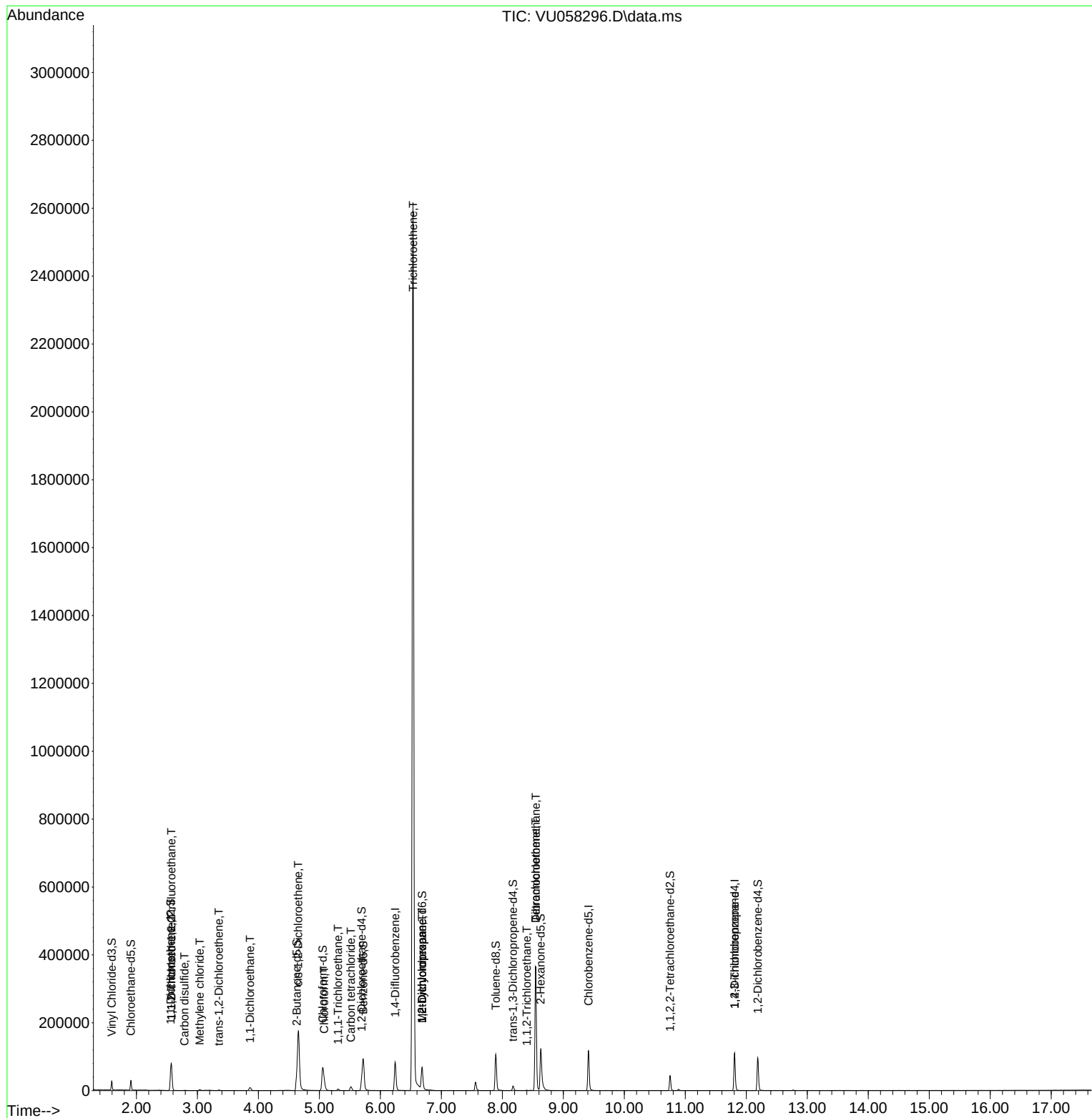
Quant Time: Mar 30 03:28:17 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032124WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Mar 30 01:09:11 2024
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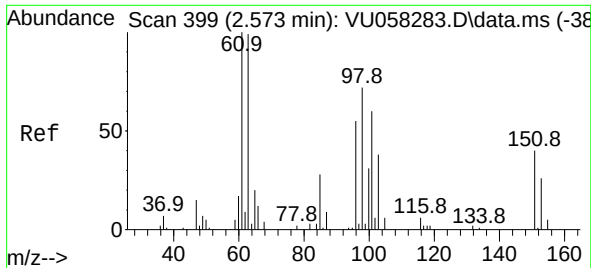
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Data Path : Z:\voasrv\HPCHEM1\MSV0A_U\Data\VU032924\
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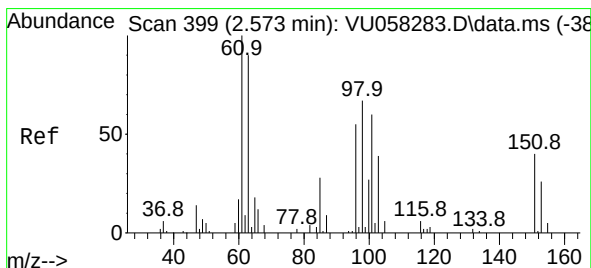
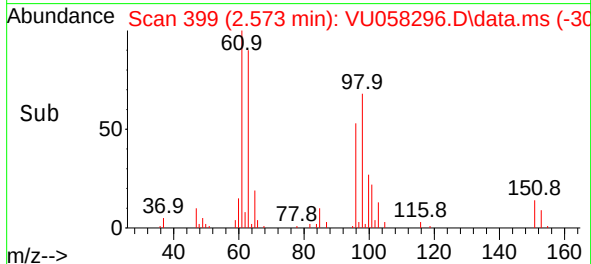
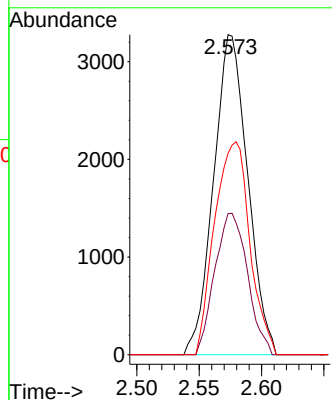
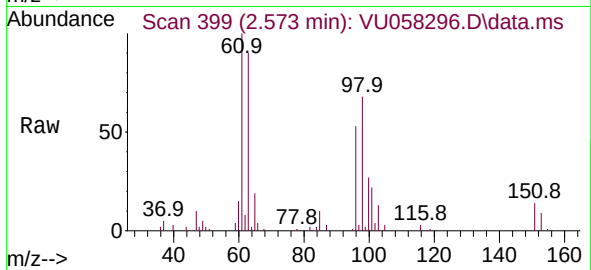
Quant Time: Mar 30 03:28:17 2024
Quant Method : Z:\voasrv\HPCHEM1\MSV0A_U\Method\SFAMUTR032124WMA.M
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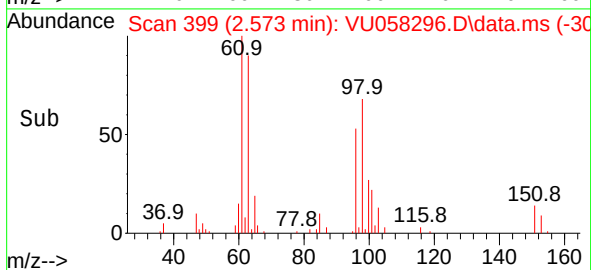
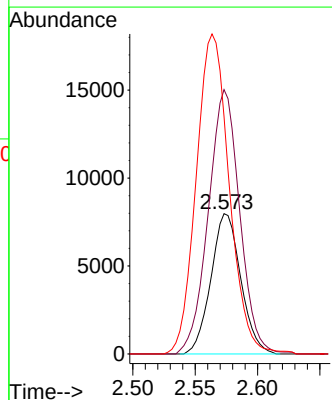
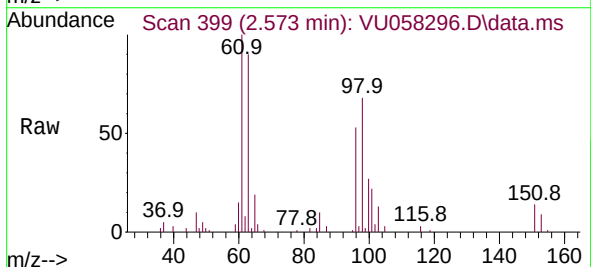
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.545 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU058296.D
Acq: 30 Mar 2024 02:05

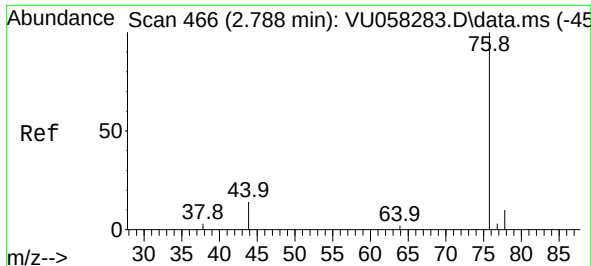
Tgt Ion:101 Resp: 6238
Ion Ratio Lower Upper
101 100
85 42.4 37.9 56.9
151 68.7 55.3 82.9



#12
1,1-Dichloroethene
Concen: 3.924 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU058296.D
Acq: 30 Mar 2024 02:05

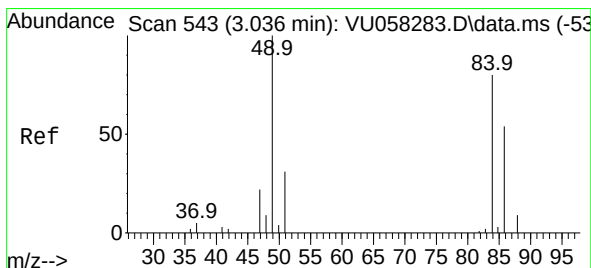
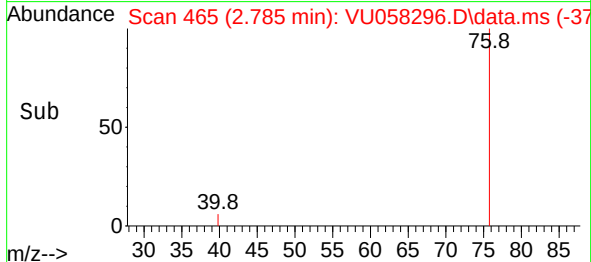
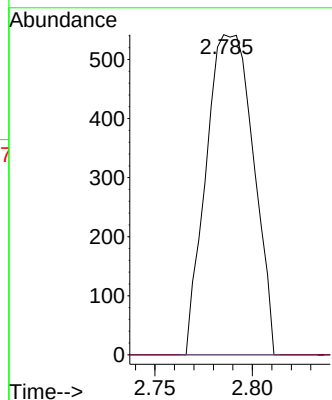
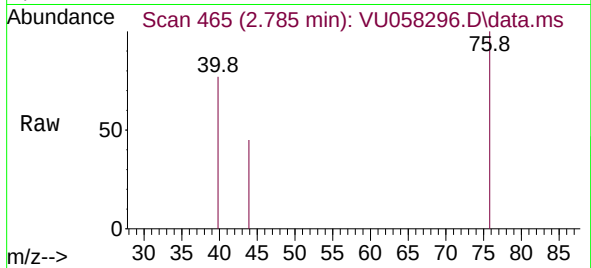
Tgt Ion: 96 Resp: 13282
Ion Ratio Lower Upper
96 100
61 188.5 128.1 237.9
63 169.1 116.8 217.0





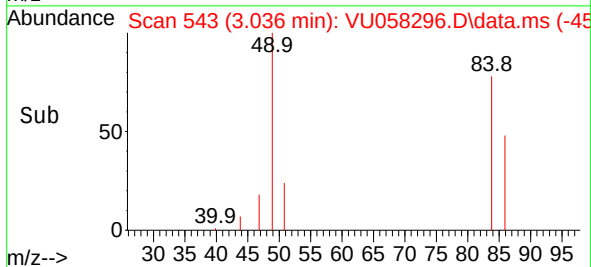
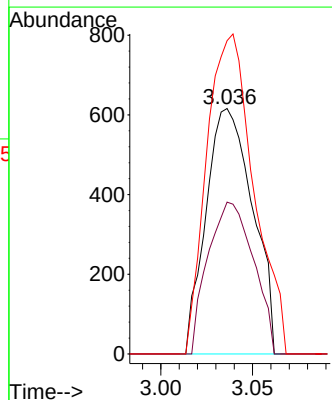
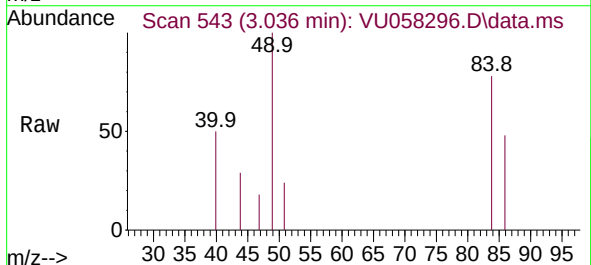
#14
Carbon disulfide
Concen: 0.121 ug/L
RT: 2.785 min Scan# 465
Delta R.T. -0.003 min
Lab File: VU058296.D
Acq: 30 Mar 2024 02:05

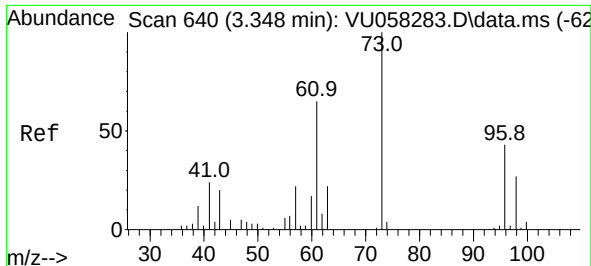
Tgt Ion: 76 Resp: 915
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#16
Methylene chloride
Concen: 0.228 ug/L
RT: 3.036 min Scan# 543
Delta R.T. 0.000 min
Lab File: VU058296.D
Acq: 30 Mar 2024 02:05

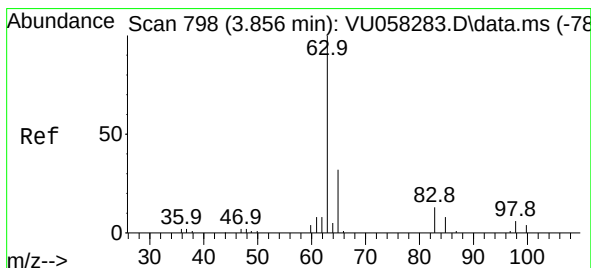
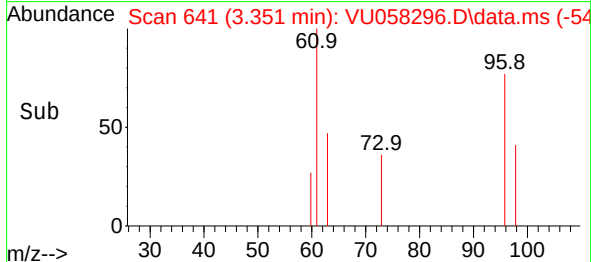
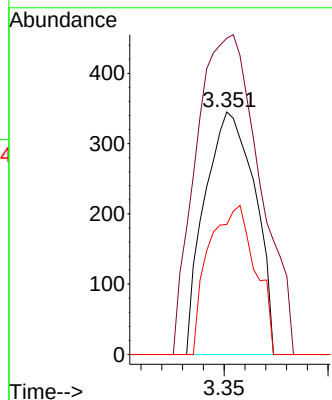
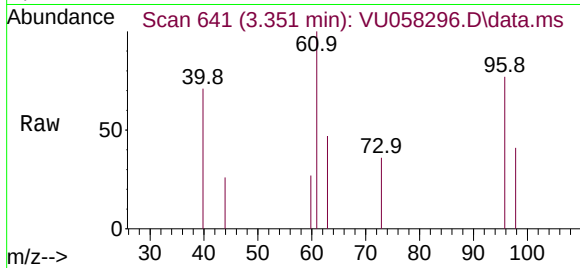
Tgt Ion: 84 Resp: 1093
Ion Ratio Lower Upper
84 100
86 61.9 45.6 84.6
49 127.6 88.3 163.9





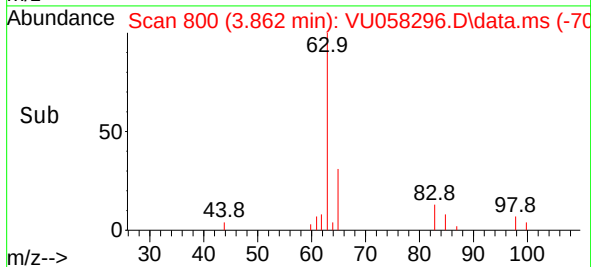
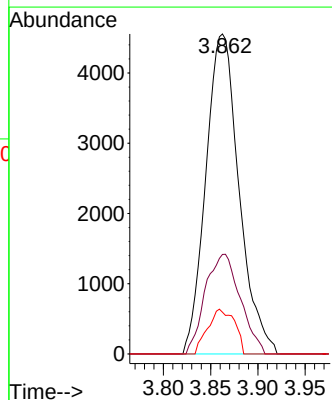
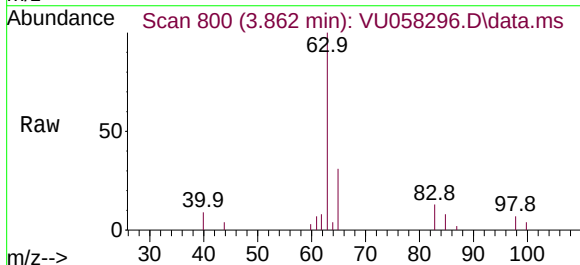
#18
trans-1,2-Dichloroethene
Concen: 0.163 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU058296.D
Acq: 30 Mar 2024 02:05

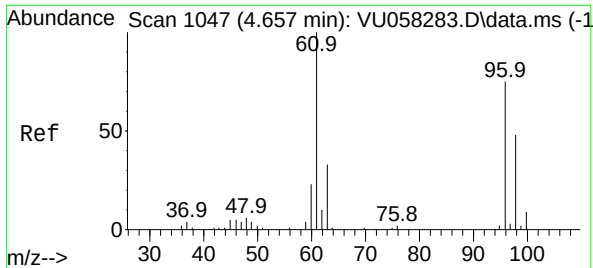
Tgt Ion:	96	Resp:	578
Ion	Ratio	Lower	Upper
96	100		
61	130.4	102.5	190.3
98	53.6	44.0	81.8



#19
1,1-Dichloroethane
Concen: 1.402 ug/L
RT: 3.862 min Scan# 800
Delta R.T. 0.007 min
Lab File: VU058296.D
Acq: 30 Mar 2024 02:05

Tgt Ion:	63	Resp:	11143
Ion	Ratio	Lower	Upper
63	100		
65	31.1	22.3	41.5
83	13.0	10.0	18.6





#22

cis-1,2-Dichloroethene

Concen: 19.281 ug/L

RT: 4.653 min Scan# 1046

Delta R.T. -0.003 min

Lab File: VU058296.D

Acq: 30 Mar 2024 02:05

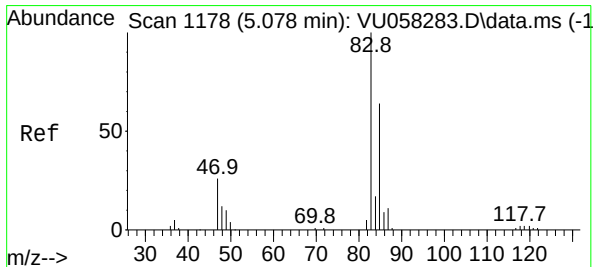
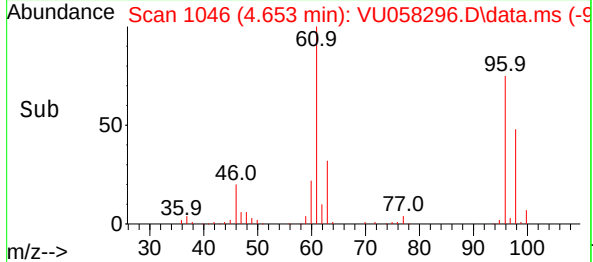
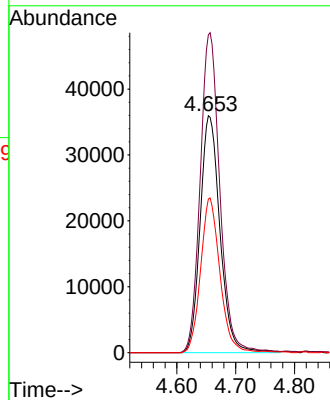
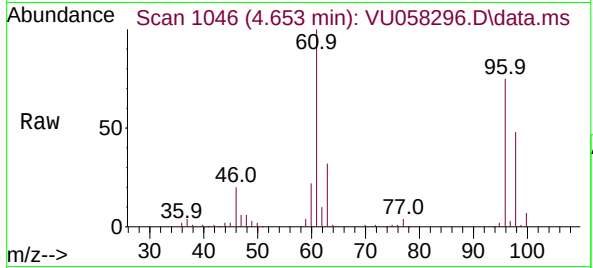
Tgt Ion: 96 Resp: 84279

Ion Ratio Lower Upper

96 100

61 134.2 92.8 172.4

98 64.8 43.2 80.2



#25

Chloroform

Concen: 1.972 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. 0.000 min

Lab File: VU058296.D

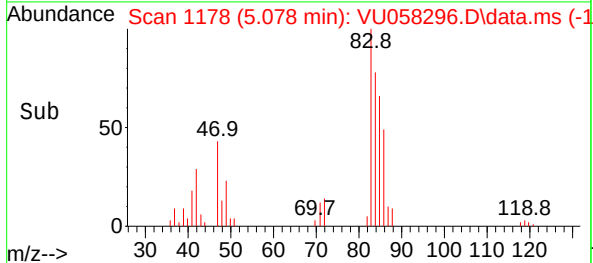
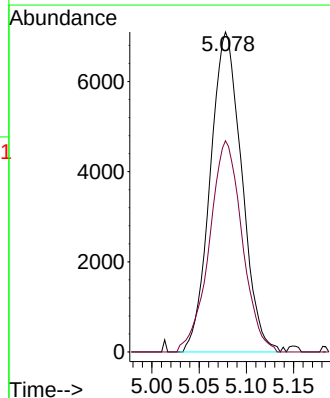
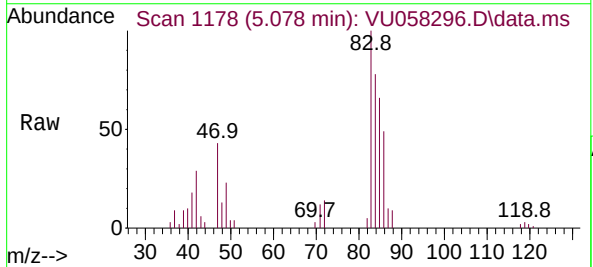
Acq: 30 Mar 2024 02:05

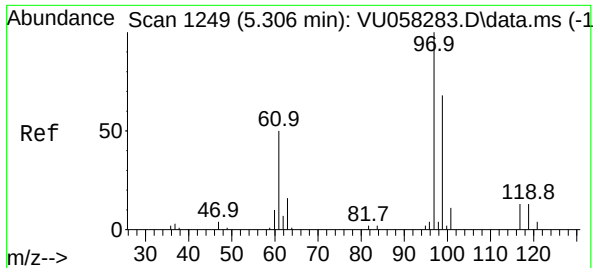
Tgt Ion: 83 Resp: 16438

Ion Ratio Lower Upper

83 100

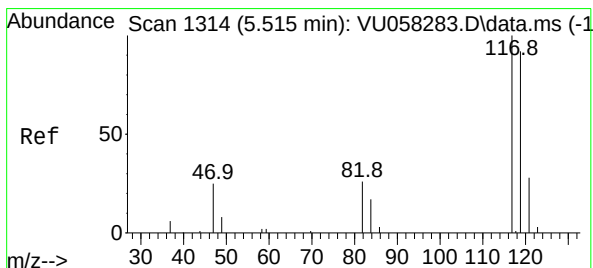
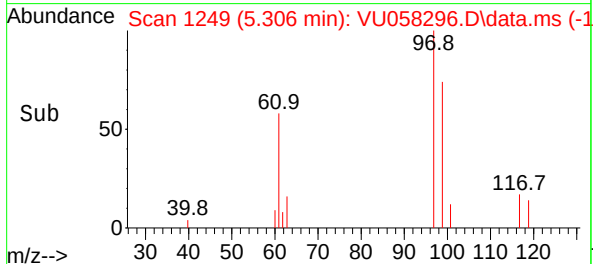
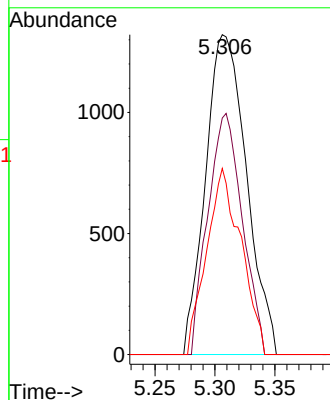
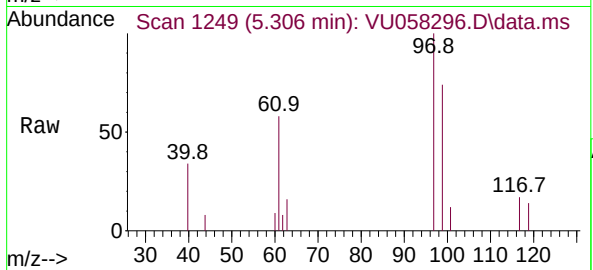
85 66.0 47.9 88.9





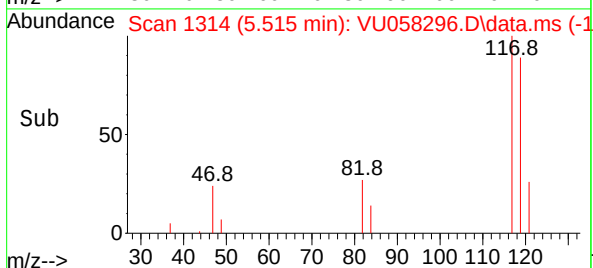
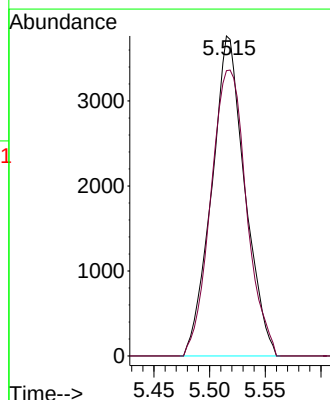
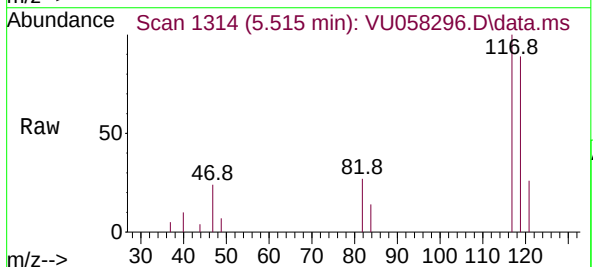
#29
1,1,1-Trichloroethane
Concen: 0.462 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VU058296.D
Acq: 30 Mar 2024 02:05

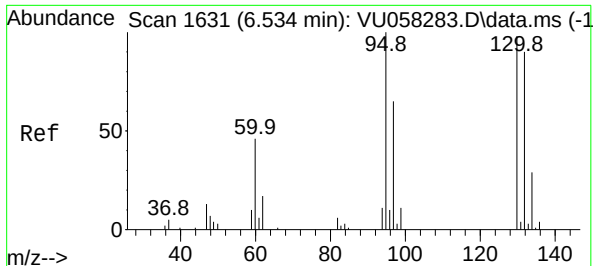
Tgt Ion:	97	Resp:	3140
Ion	Ratio	Lower	Upper
97	100		
99	63.5	50.5	75.7
61	48.9	36.3	54.5



#31
Carbon tetrachloride
Concen: 1.346 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VU058296.D
Acq: 30 Mar 2024 02:05

Tgt Ion:	117	Resp:	7792
Ion	Ratio	Lower	Upper
117	100		
119	96.1	78.1	117.1





#34

Trichloroethene

Concen: 197.521 ug/L

RT: 6.534 min Scan# 1631

Delta R.T. 0.000 min

Lab File: VU058296.D

Acq: 30 Mar 2024 02:05

Tgt Ion: 95 Resp: 888933

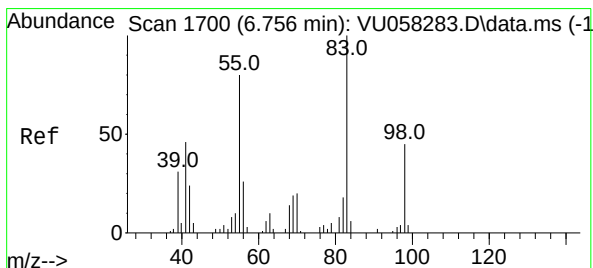
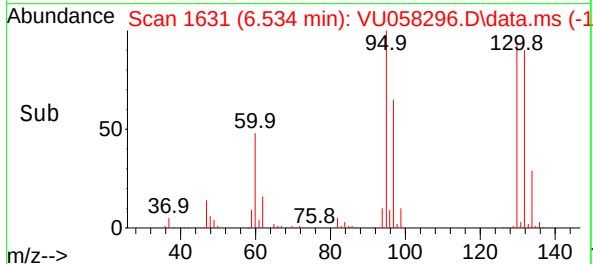
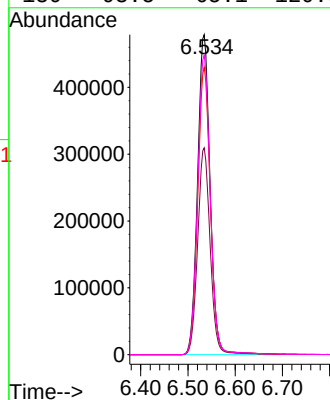
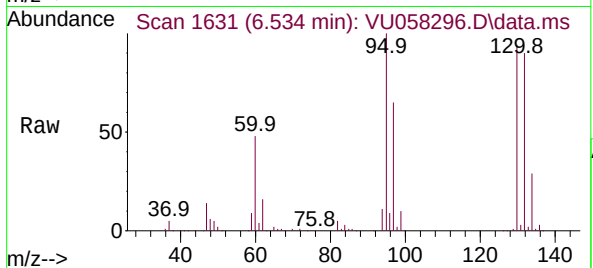
Ion Ratio Lower Upper

95 100

97 64.7 47.7 88.7

132 89.8 63.6 118.2

130 93.5 65.1 120.9



#35

Methylcyclohexane

Concen: 1.059 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.074 min

Lab File: VU058296.D

Acq: 30 Mar 2024 02:05

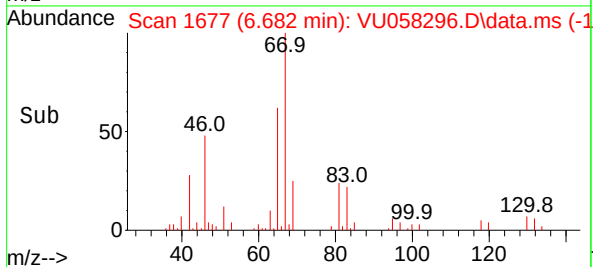
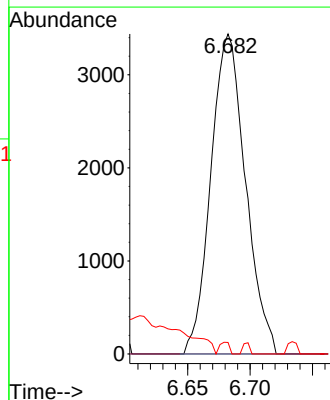
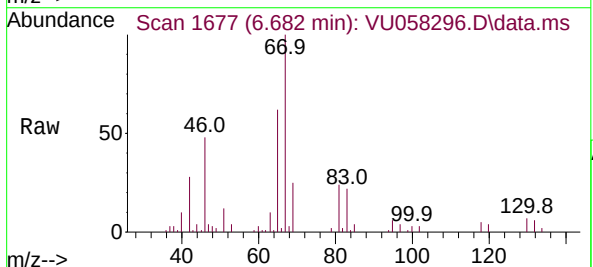
Tgt Ion: 83 Resp: 6645

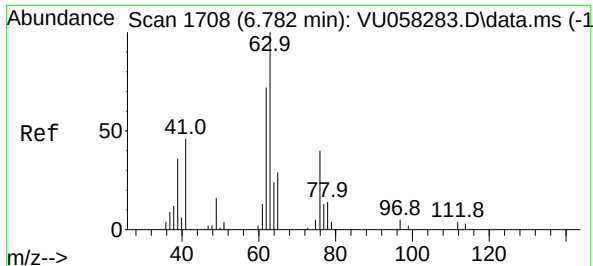
Ion Ratio Lower Upper

83 100

55 0.0 62.7 94.1#

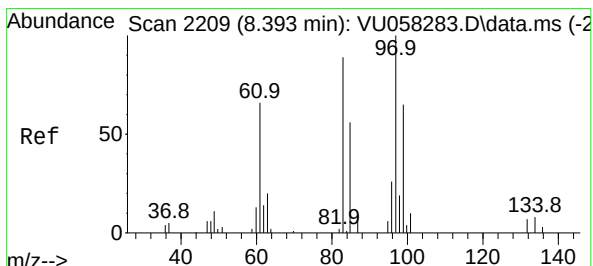
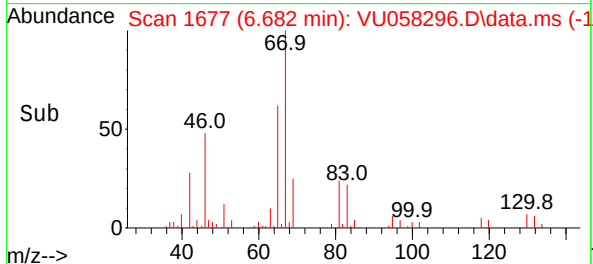
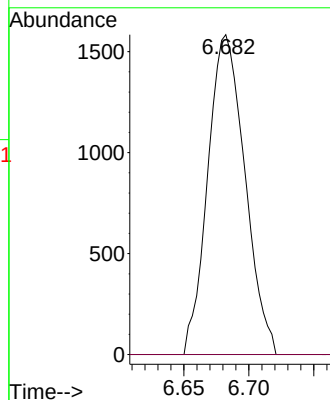
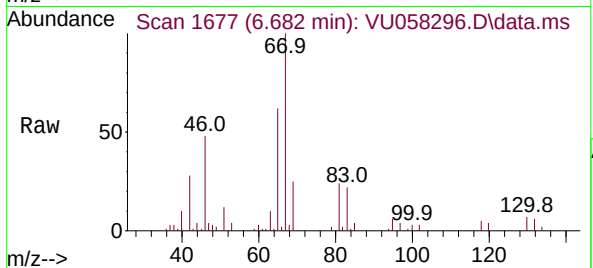
98 0.0 37.3 55.9#





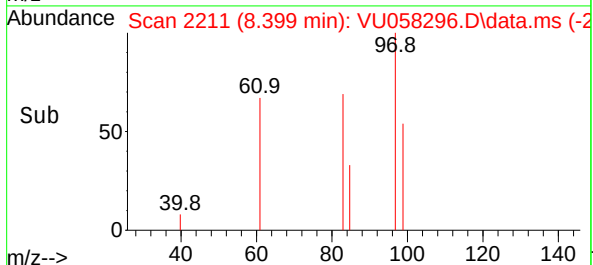
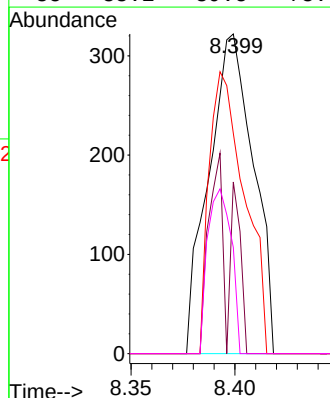
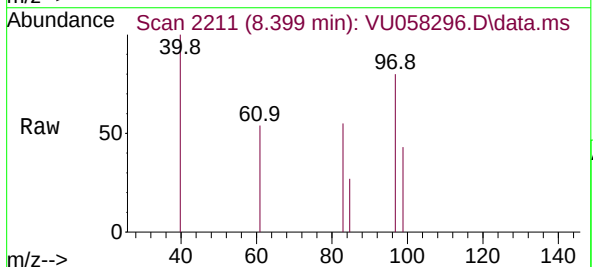
#37
1,2-Dichloropropane
Concen: 0.653 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.100 min
Lab File: VU058296.D
Acq: 30 Mar 2024 02:05

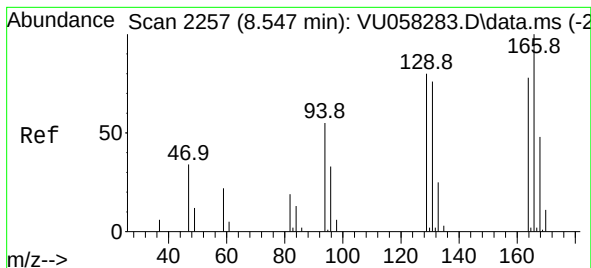
Tgt Ion: 63 Resp: 3149
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#



#45
1,1,2-Trichloroethane
Concen: 0.158 ug/L
RT: 8.399 min Scan# 2211
Delta R.T. 0.007 min
Lab File: VU058296.D
Acq: 30 Mar 2024 02:05

Tgt Ion: 97 Resp: 481
Ion Ratio Lower Upper
97 100
99 53.7 44.5 82.7
83 68.9 64.1 119.1
85 33.2 39.5 73.4#





#47

Tetrachloroethene

Concen: 25.752 ug/L

RT: 8.544 min Scan# 2256

Delta R.T. -0.003 min

Lab File: VU058296.D

Acq: 30 Mar 2024 02:05

Tgt Ion:164 Resp: 77626

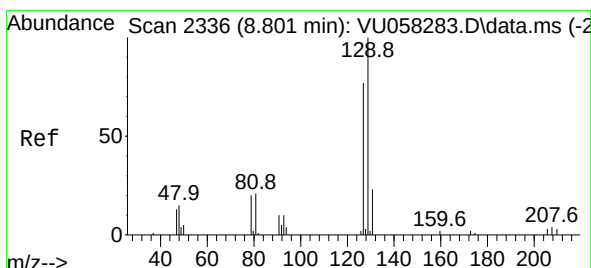
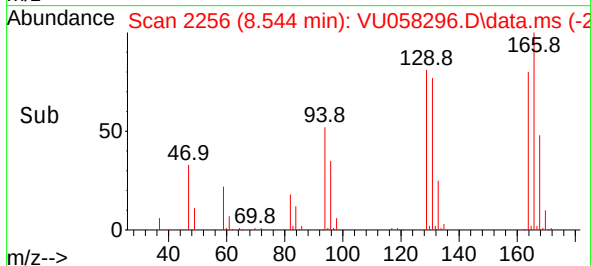
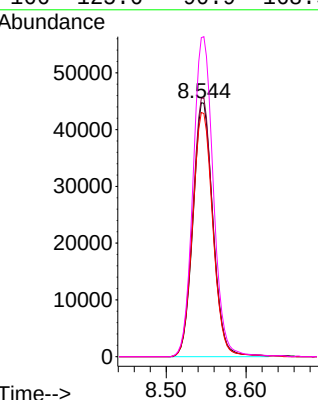
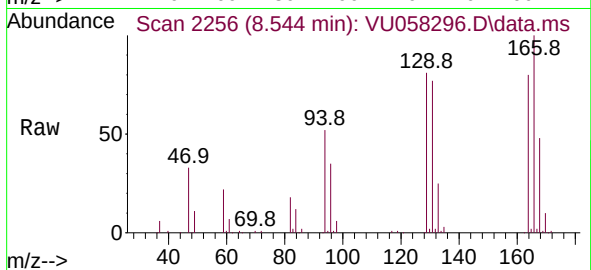
Ion Ratio Lower Upper

164 100

129 101.7 71.3 132.3

131 96.2 70.8 131.4

166 125.6 90.9 168.9



#49

Dibromochloromethane

Concen: 23.865 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.254 min

Lab File: VU058296.D

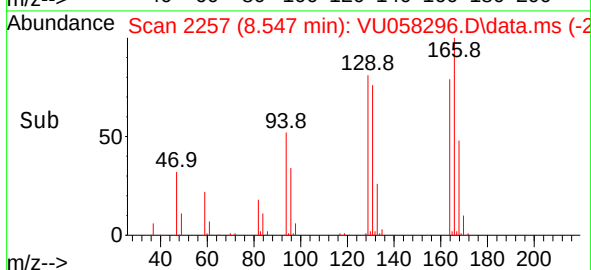
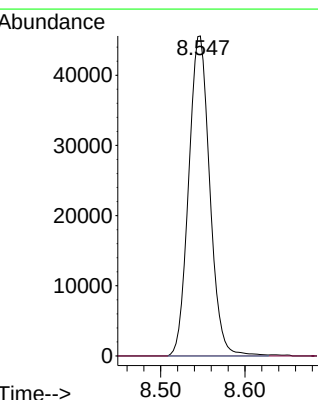
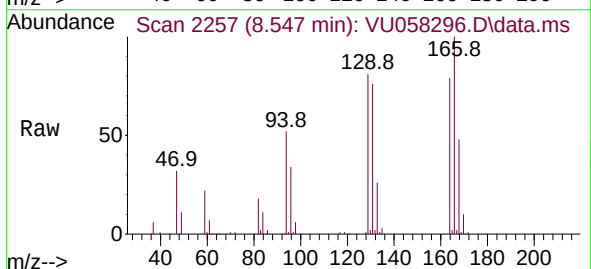
Acq: 30 Mar 2024 02:05

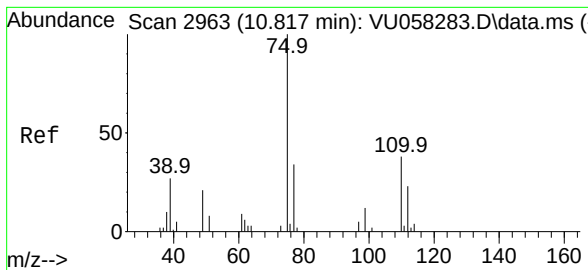
Tgt Ion:129 Resp: 79372

Ion Ratio Lower Upper

129 100

127 0.0 55.7 103.5#





#61
1,2,3-Trichloropropane
Concen: 1.687 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU058296.D
Acq: 30 Mar 2024 02:05

Tgt Ion: 75 Resp: 4043
Ion Ratio Lower Upper
75 100
110 0.0 28.1 42.1#
77 29.1 25.1 37.7

