

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032924\
 Data File : VU058294.D
 Acq On : 30 Mar 2024 01:18
 Operator : MD/SY
 Sample : P1929-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Quant Time: Mar 30 01:35:52 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

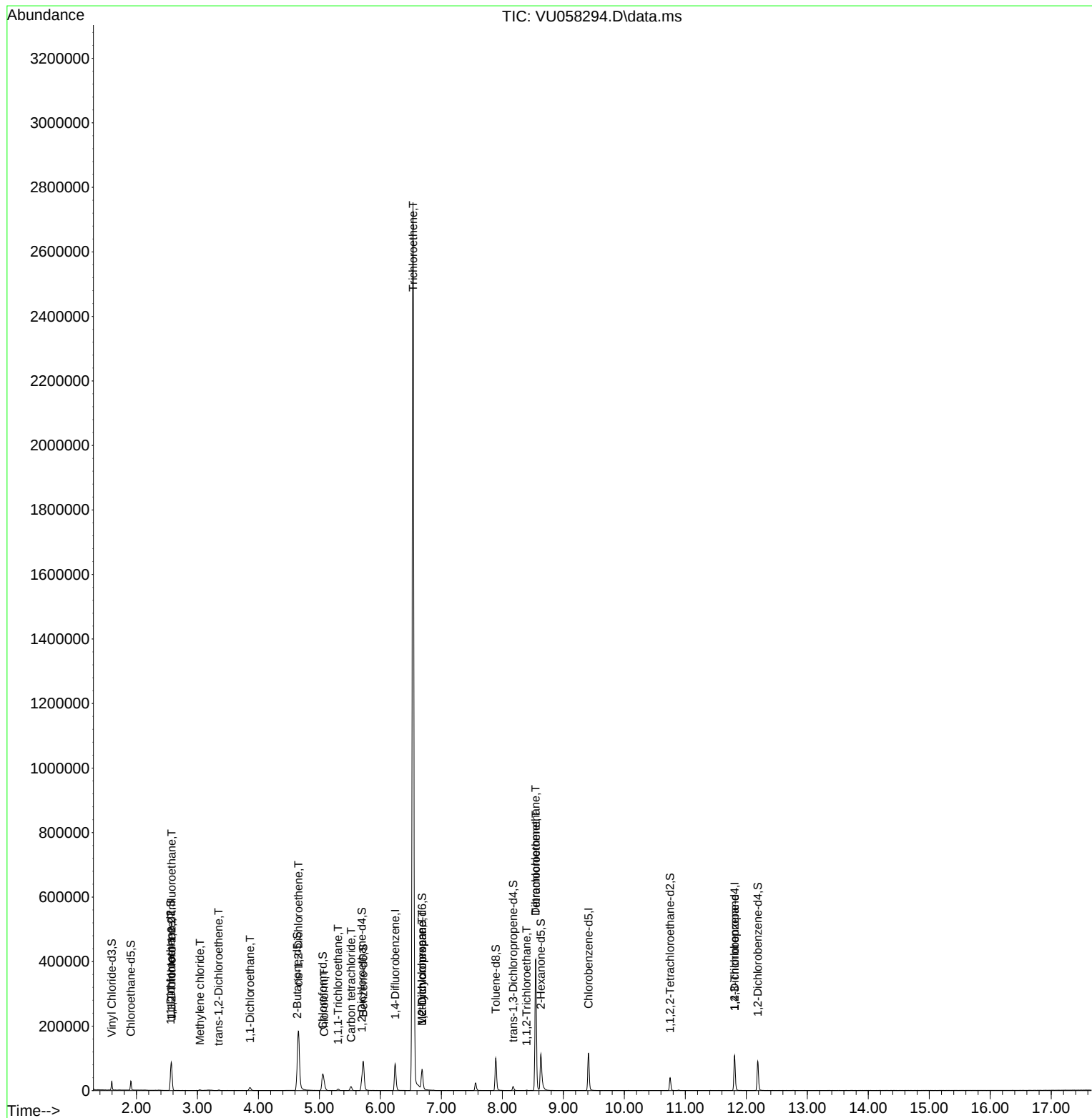
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

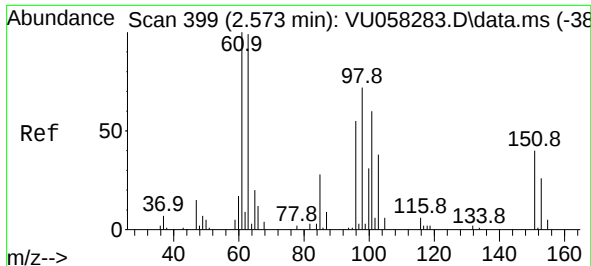
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	67226	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	65410	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	29063	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	17841	3.140	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.800%
7) Chloroethane-d5	1.908	69	18934	4.083	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.600%
11) 1,1-Dichloroethene-d2	2.560	65	8159	3.459	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.200%
20) 2-Butanone-d5	4.634	46	59824	59.275	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.540%
24) Chloroform-d	5.052	84	44806	4.411	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
26) 1,2-Dichloroethane-d4	5.695	65	22721	4.785	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.600%
32) Benzene-d6	5.718	84	85529	4.026	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.600%
36) 1,2-Dichloropropane-d6	6.682	67	29200	4.663	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.200%
41) Toluene-d8	7.891	98	69987	3.719	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.400%
43) trans-1,3-Dichloroprop...	8.177	79	8244	4.109	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.200%
46) 2-Hexanone-d5	8.631	63	42084	51.796	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.600%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	20614	5.053	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	24421	4.512	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.200%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	7779	1.935	ug/L	95
12) 1,1-Dichloroethene	2.573	96	14874	4.413	ug/L	90
16) Methylene chloride	3.039	84	1023	0.214	ug/L	90
18) trans-1,2-Dichloroethene	3.348	96	382	0.108	ug/L	97
19) 1,1-Dichloroethane	3.862	63	11789	1.490	ug/L	97
22) cis-1,2-Dichloroethene	4.657	96	86573	19.891	ug/L	99
25) Chloroform	5.078	83	16833	2.028	ug/L	95
29) 1,1,1-Trichloroethane	5.306	97	3503	0.518	ug/L	97
31) Carbon tetrachloride	5.518	117	8224	1.428	ug/L	95
34) Trichloroethene	6.534	95	935584	209.034	ug/L	98
35) Methylcyclohexane	6.679	83	6783	1.087	ug/L #	18
37) 1,2-Dichloropropane	6.682	63	2953	0.615	ug/L #	90
45) 1,1,2-Trichloroethane	8.396	97	348	0.115	ug/L	93
47) Tetrachloroethene	8.547	164	86559	28.874	ug/L	94
49) Dibromochloromethane	8.544	129	86235	26.071	ug/L #	10
61) 1,2,3-Trichloropropane	11.807	75	3803	1.563	ug/L #	68

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

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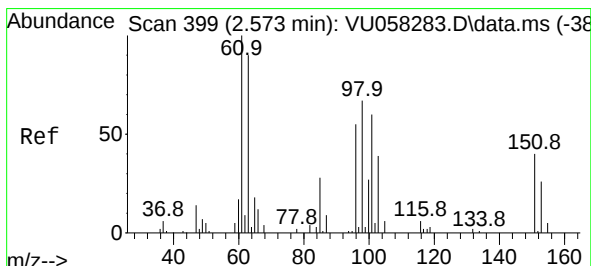
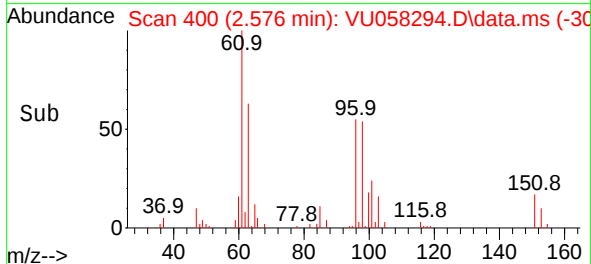
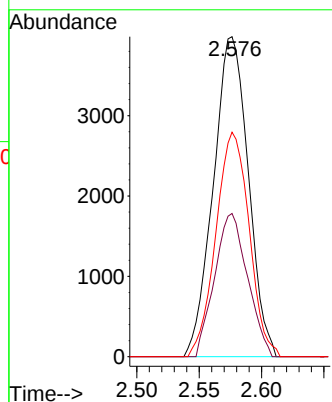
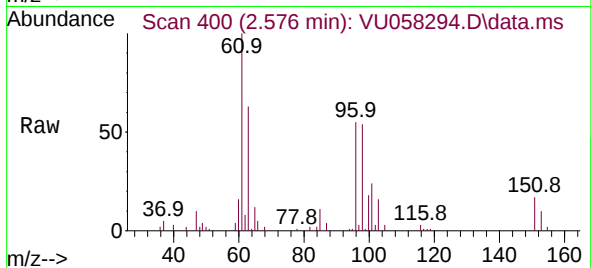
Quant Time: Mar 30 01:35:52 2024
Quant Method : Z:\voasrv\HPCHEM1\MSV0A_U\Method\SFAMUTR032124WMA.M
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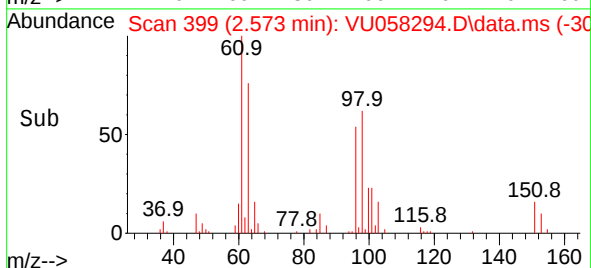
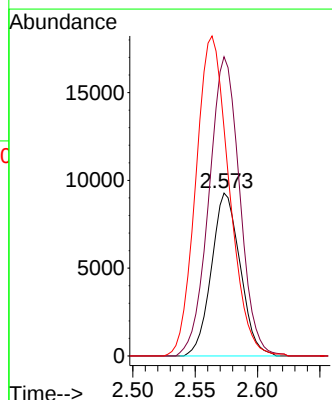
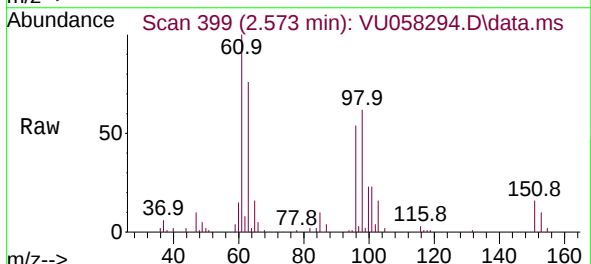
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.935 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU058294.D
Acq: 30 Mar 2024 01:18

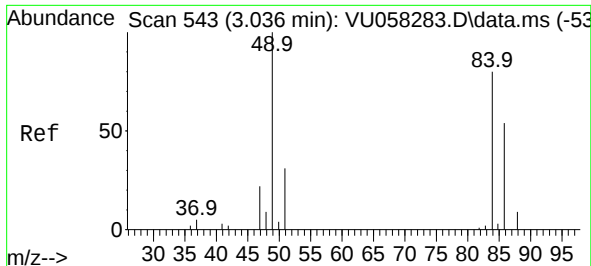
Tgt Ion:101 Resp: 7779
Ion Ratio Lower Upper
101 100
85 42.0 37.9 56.9
151 66.8 55.3 82.9



#12
1,1-Dichloroethene
Concen: 4.413 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU058294.D
Acq: 30 Mar 2024 01:18

Tgt Ion: 96 Resp: 14874
Ion Ratio Lower Upper
96 100
61 183.7 128.1 237.9
63 139.8 116.8 217.0





#16

Methylene chloride

Concen: 0.214 ug/L

RT: 3.039 min Scan# 544

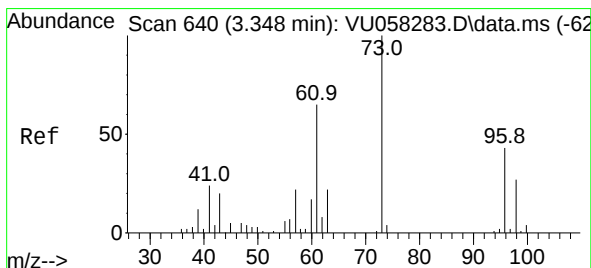
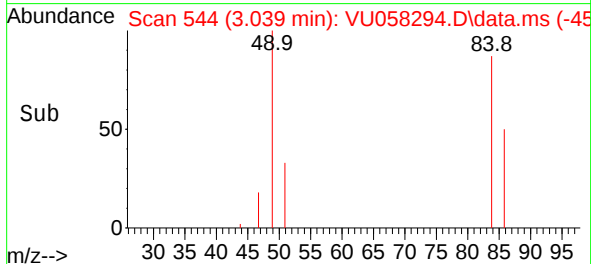
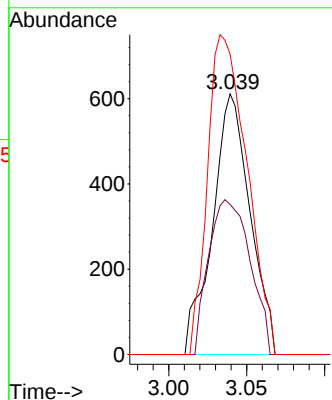
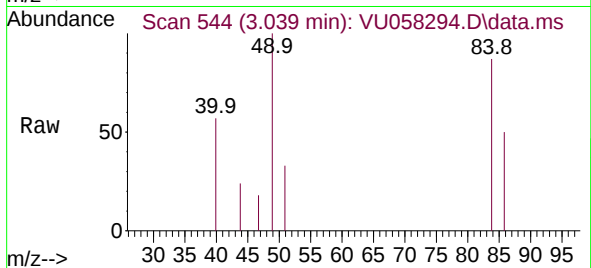
Delta R.T. 0.003 min

Lab File: VU058294.D

Acq: 30 Mar 2024 01:18

Tgt Ion: 84 Resp: 1023

Ion	Ratio	Lower	Upper
84	100		
86	57.6	45.6	84.6
49	115.2	88.3	163.9



#18

trans-1,2-Dichloroethene

Concen: 0.108 ug/L

RT: 3.348 min Scan# 640

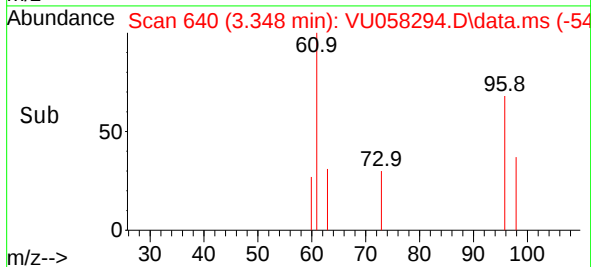
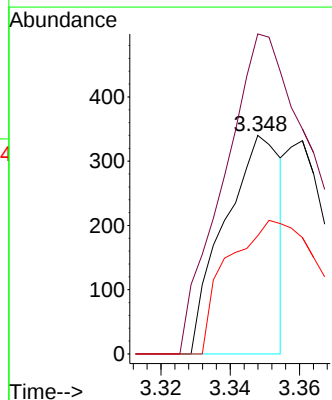
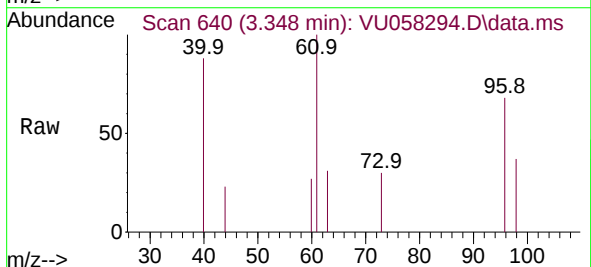
Delta R.T. 0.000 min

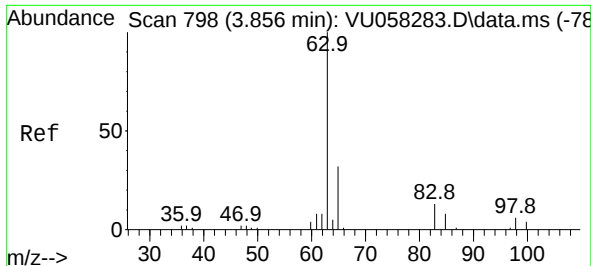
Lab File: VU058294.D

Acq: 30 Mar 2024 01:18

Tgt Ion: 96 Resp: 382

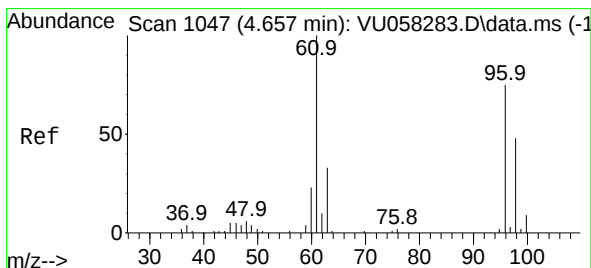
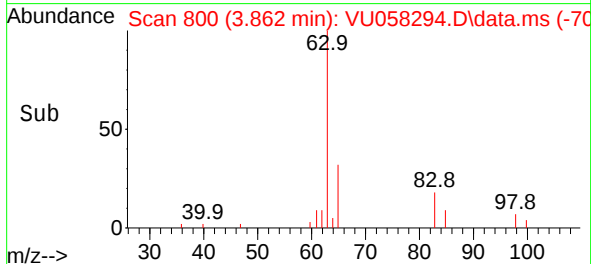
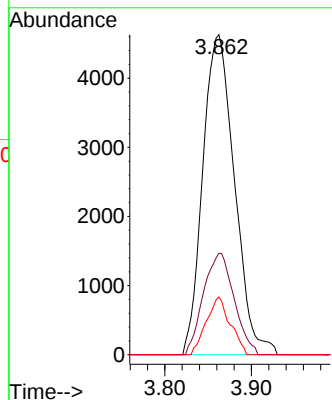
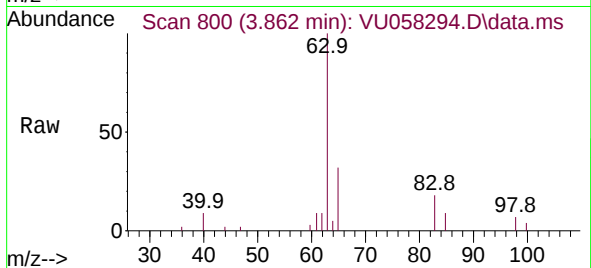
Ion	Ratio	Lower	Upper
96	100		
61	146.5	102.5	190.3
98	54.1	44.0	81.8





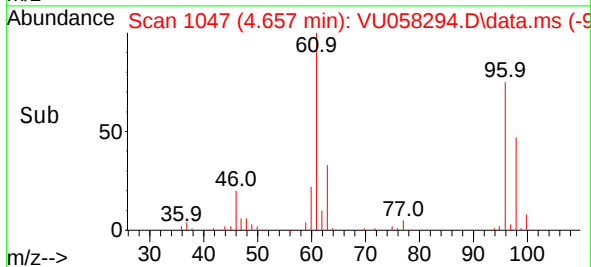
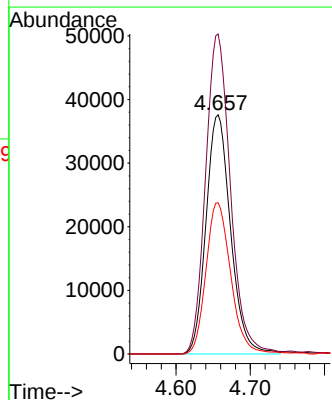
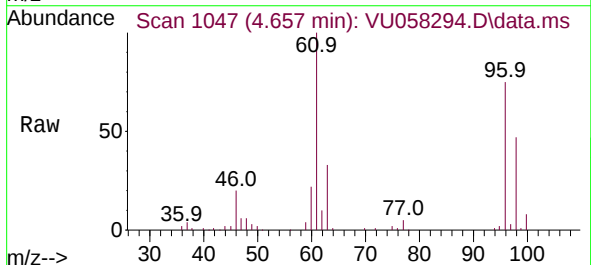
#19
1,1-Dichloroethane
Concen: 1.490 ug/L
RT: 3.862 min Scan# 800
Delta R.T. 0.007 min
Lab File: VU058294.D
Acq: 30 Mar 2024 01:18

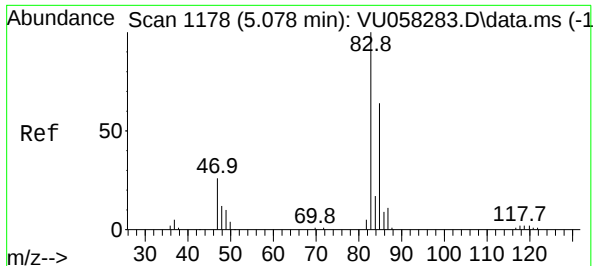
Tgt Ion:	63	Resp:	11789
Ion	Ratio	Lower	Upper
63	100		
65	31.7	22.3	41.5
83	18.1	10.0	18.6



#22
cis-1,2-Dichloroethene
Concen: 19.891 ug/L
RT: 4.657 min Scan# 1047
Delta R.T. 0.000 min
Lab File: VU058294.D
Acq: 30 Mar 2024 01:18

Tgt Ion:	96	Resp:	86573
Ion	Ratio	Lower	Upper
96	100		
61	133.8	92.8	172.4
98	63.2	43.2	80.2





#25

Chloroform

Concen: 2.028 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. 0.000 min

Lab File: VU058294.D

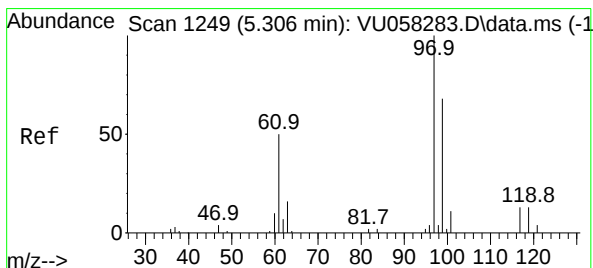
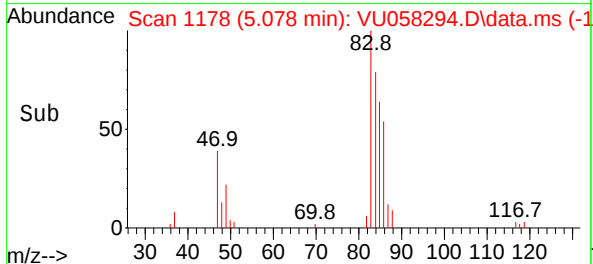
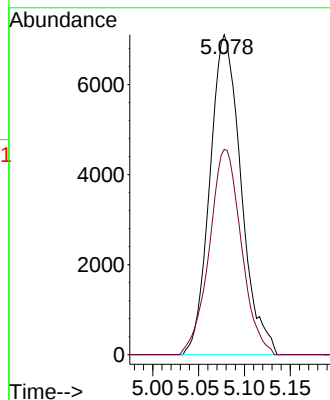
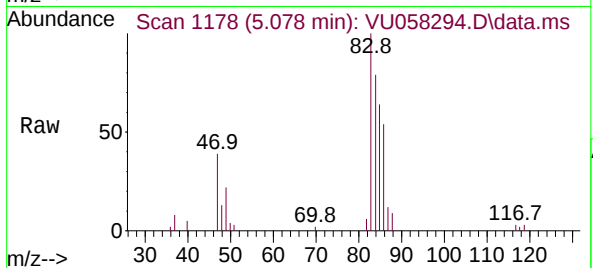
Acq: 30 Mar 2024 01:18

Tgt Ion: 83 Resp: 16833

Ion Ratio Lower Upper

83 100

85 64.2 47.9 88.9



#29

1,1,1-Trichloroethane

Concen: 0.518 ug/L

RT: 5.306 min Scan# 1249

Delta R.T. 0.000 min

Lab File: VU058294.D

Acq: 30 Mar 2024 01:18

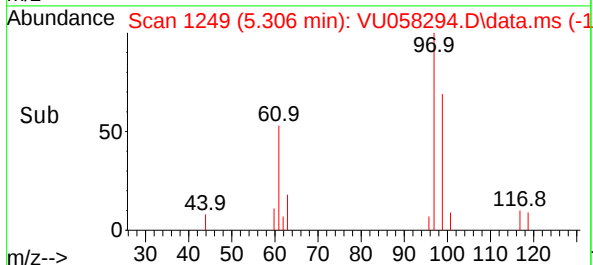
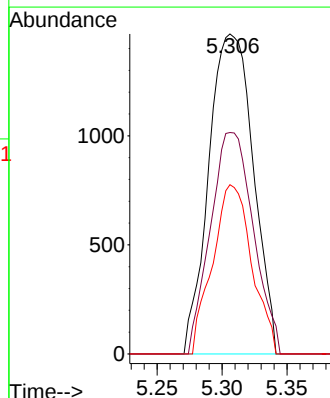
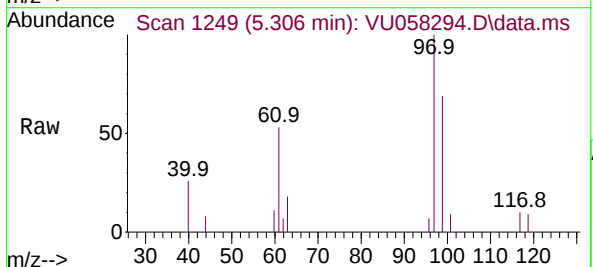
Tgt Ion: 97 Resp: 3503

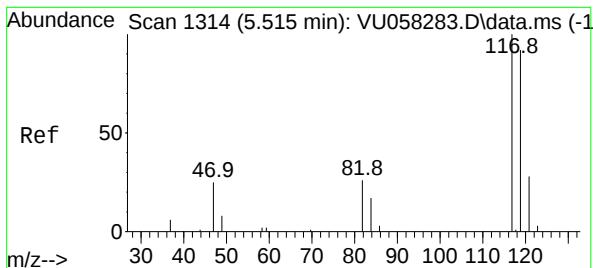
Ion Ratio Lower Upper

97 100

99 66.7 50.5 75.7

61 46.6 36.3 54.5





#31

Carbon tetrachloride

Concen: 1.428 ug/L

RT: 5.518 min Scan# 1315

Delta R.T. 0.003 min

Lab File: VU058294.D

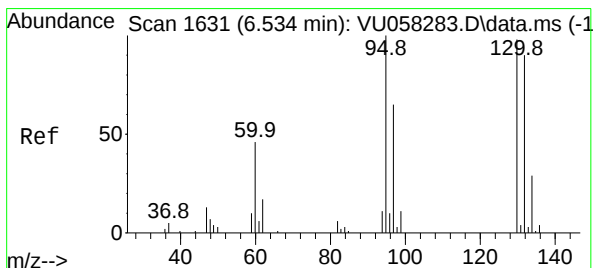
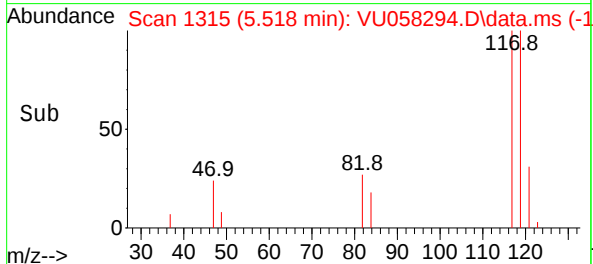
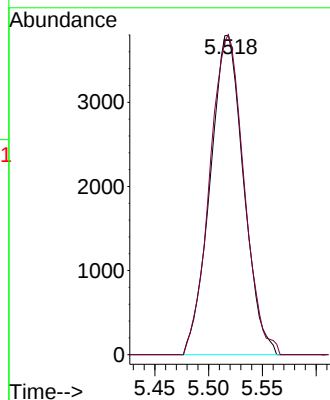
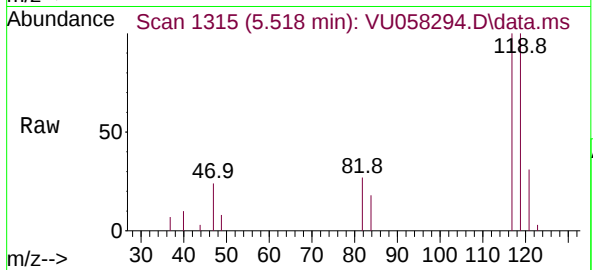
Acq: 30 Mar 2024 01:18

Tgt Ion:117 Resp: 8224

Ion Ratio Lower Upper

117 100

119 102.4 78.1 117.1



#34

Trichloroethene

Concen: 209.034 ug/L

RT: 6.534 min Scan# 1631

Delta R.T. 0.000 min

Lab File: VU058294.D

Acq: 30 Mar 2024 01:18

Tgt Ion: 95 Resp: 935584

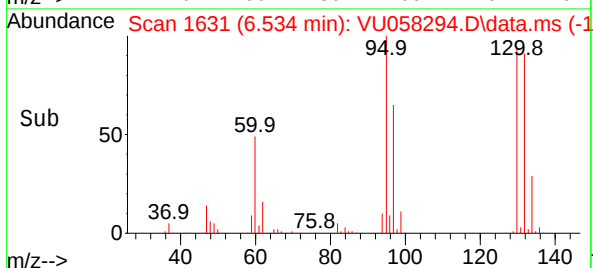
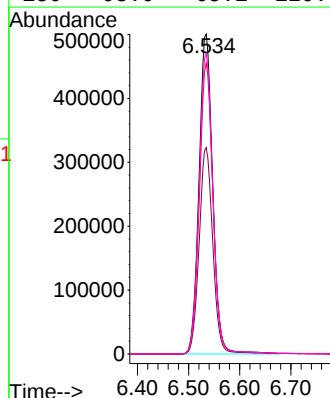
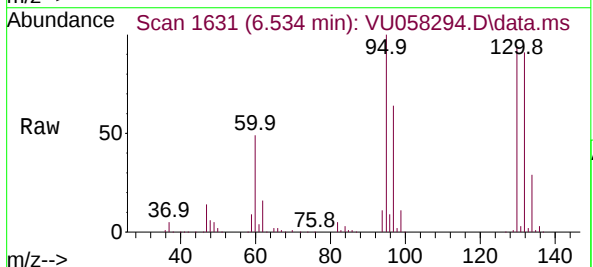
Ion Ratio Lower Upper

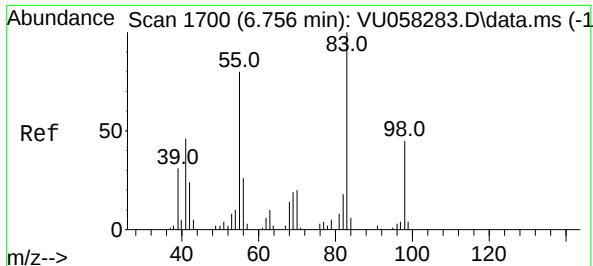
95 100

97 64.5 47.7 88.7

132 90.8 63.6 118.2

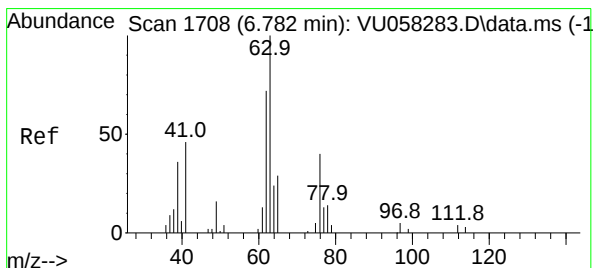
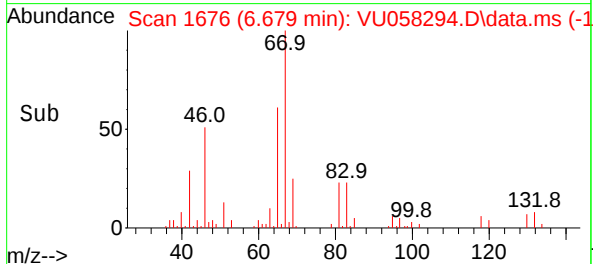
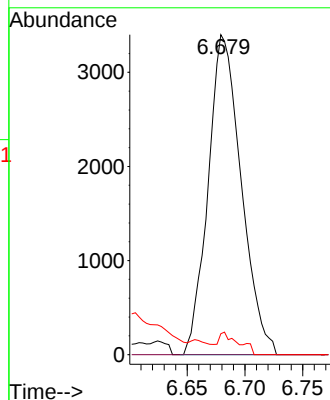
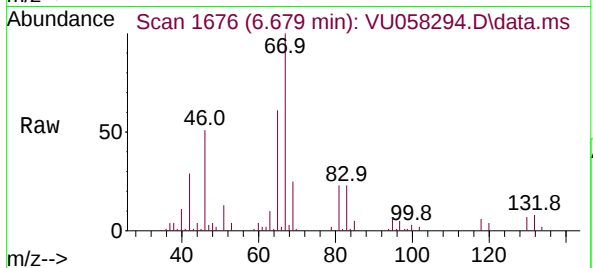
130 93.9 65.1 120.9





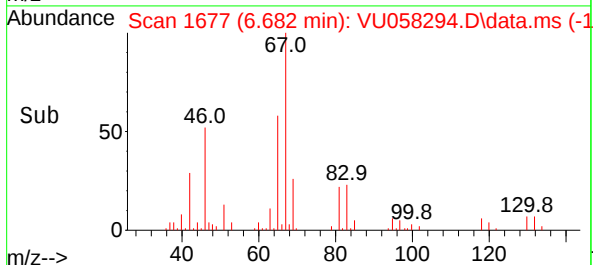
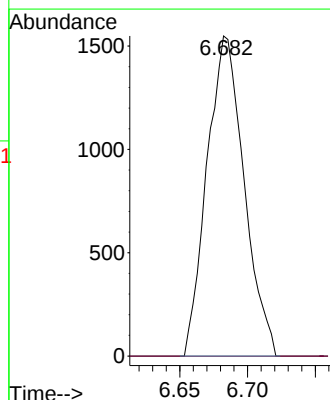
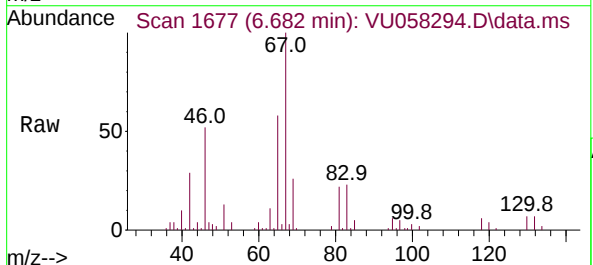
#35
Methylcyclohexane
Concen: 1.087 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.077 min
Lab File: VU058294.D
Acq: 30 Mar 2024 01:18

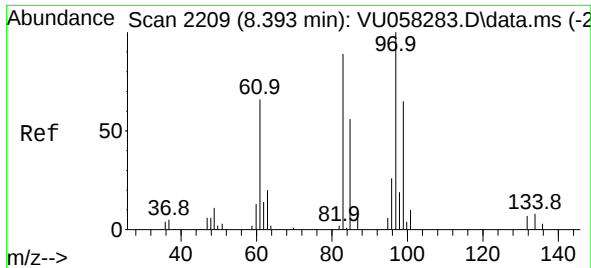
Tgt Ion: 83 Resp: 6783
Ion Ratio Lower Upper
83 100
55 0.0 62.7 94.1#
98 0.0 37.3 55.9#



#37
1,2-Dichloropropane
Concen: 0.615 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.100 min
Lab File: VU058294.D
Acq: 30 Mar 2024 01:18

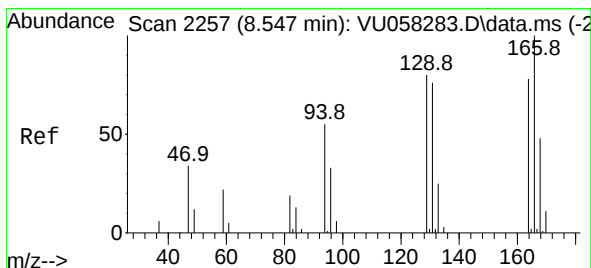
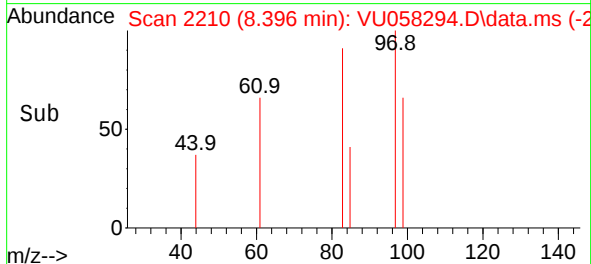
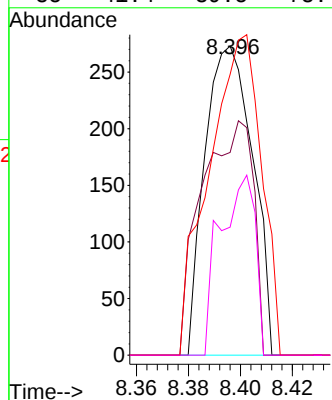
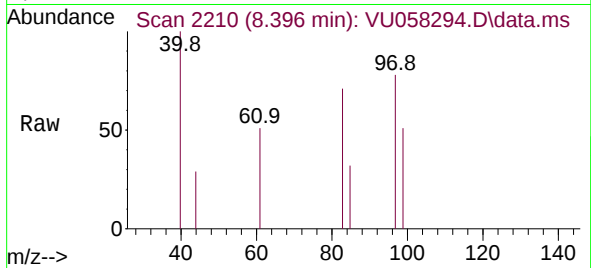
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Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#





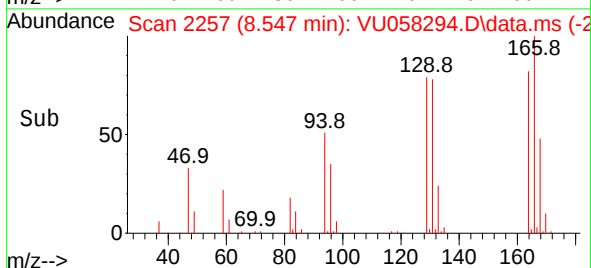
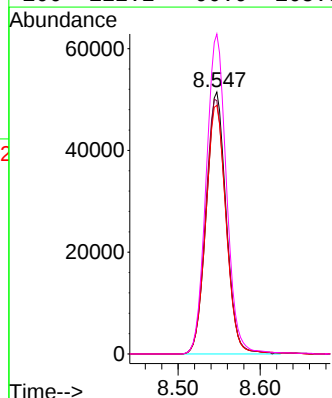
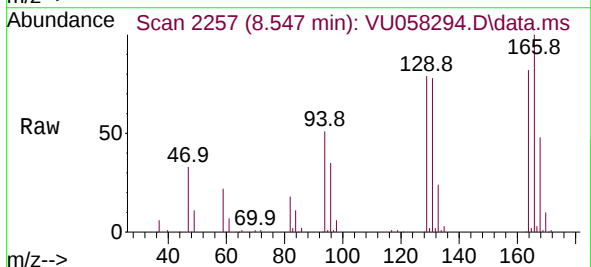
#45
1,1,2-Trichloroethane
Concen: 0.115 ug/L
RT: 8.396 min Scan# 2210
Delta R.T. 0.003 min
Lab File: VU058294.D
Acq: 30 Mar 2024 01:18

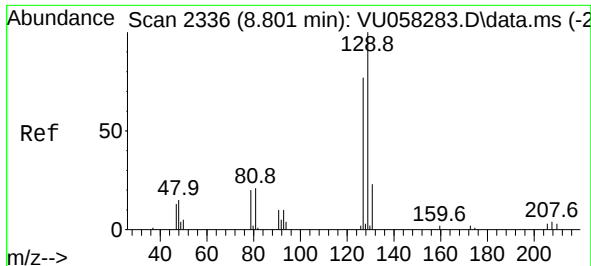
Tgt Ion: 97	Resp: 348
Ion Ratio	Lower Upper
97 100	
99 65.6	44.5 82.7
83 90.8	64.1 119.1
85 41.4	39.5 73.4



#47
Tetrachloroethene
Concen: 28.874 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU058294.D
Acq: 30 Mar 2024 01:18

Tgt	Ion:164	Resp:	86559
Ion	Ratio	Lower	Upper
164	100		
129	96.7	71.3	132.3
131	95.0	70.8	131.4
166	122.2	90.9	168.9





#49

Dibromochloromethane

Concen: 26.071 ug/L

RT: 8.544 min Scan# 2256

Delta R.T. -0.257 min

Lab File: VU058294.D

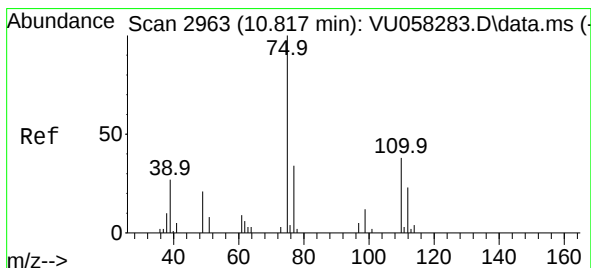
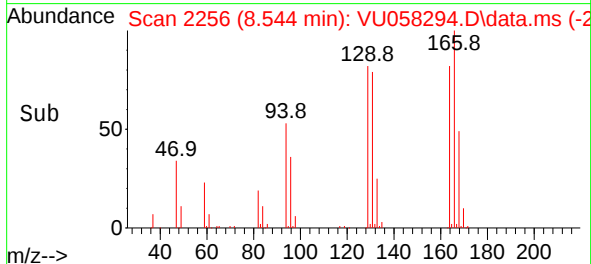
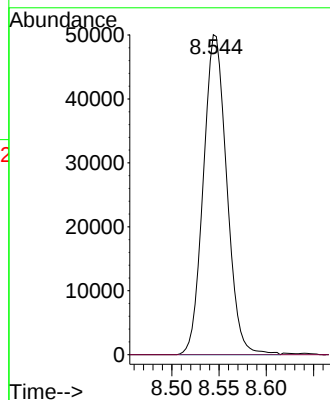
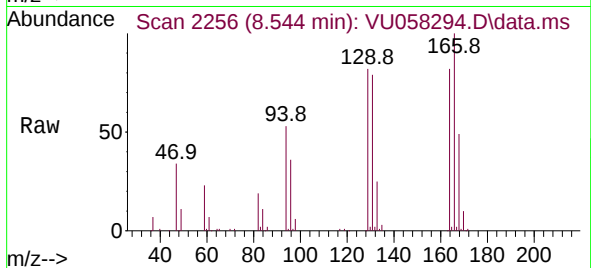
Acq: 30 Mar 2024 01:18

Tgt Ion:129 Resp: 86235

Ion Ratio Lower Upper

129 100

127 0.0 55.7 103.5#



#61

1,2,3-Trichloropropane

Concen: 1.563 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.990 min

Lab File: VU058294.D

Acq: 30 Mar 2024 01:18

Tgt Ion: 75 Resp: 3803

Ion Ratio Lower Upper

75 100

110 0.0 28.1 42.1#

77 32.1 25.1 37.7

