

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020525\
 Data File : VU063161.D
 Acq On : 05 Feb 2025 15:51
 Operator : MD/SY
 Sample : Q1226-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 06 07:30:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR020425WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Feb 06 07:25:52 2025
 Response via : Initial Calibration

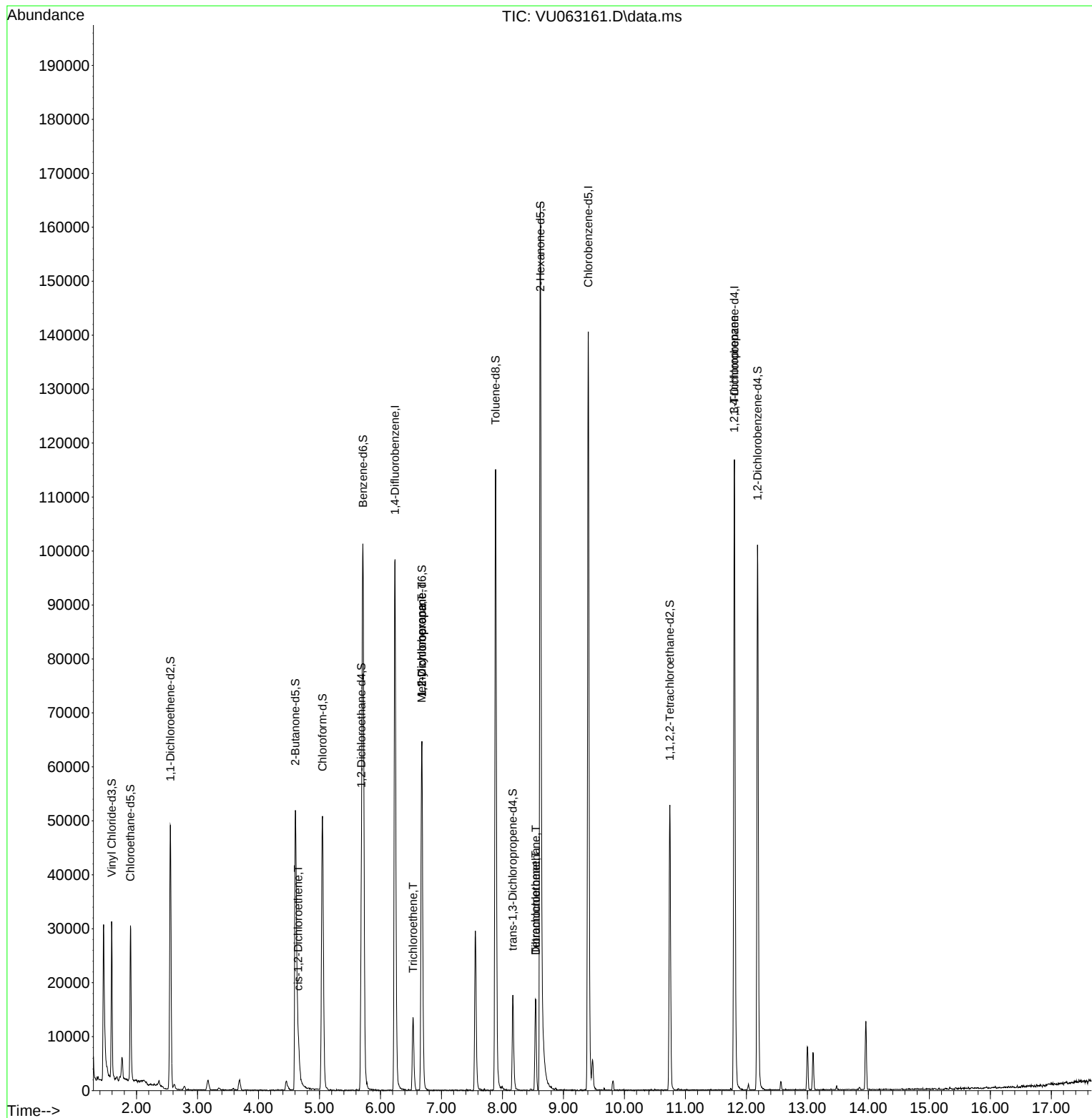
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	81542	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	79760	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	32553	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	20230	4.337	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.800%
7) Chloroethane-d5	1.901	69	20933	4.836	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.800%
11) 1,1-Dichloroethene-d2	2.557	65	9451	4.539	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.800%
20) 2-Butanone-d5	4.605	46	80939	52.713	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.420%
24) Chloroform-d	5.049	84	49854	4.834	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
26) 1,2-Dichloroethane-d4	5.689	65	27126	5.114	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.200%
32) Benzene-d6	5.714	84	96908	4.658	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
36) 1,2-Dichloropropane-d6	6.679	67	32837	4.787	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.800%
41) Toluene-d8	7.888	98	80926	4.403	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.000%
43) trans-1,3-Dichloroprop...	8.171	79	11334	4.410	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.200%
46) 2-Hexanone-d5	8.621	63	59582	46.063	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.120%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	28412	4.693	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.800%
66) 1,2-Dichlorobenzene-d4	12.183	152	28103	5.170	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.400%
Target Compounds						
					Qvalue	
22) cis-1,2-Dichloroethene	4.653	96	2208	0.349	ug/L	94
34) Trichloroethene	6.534	95	5167	0.775	ug/L	95
35) Methylcyclohexane	6.676	83	7465	0.747	ug/L #	20
37) 1,2-Dichloropropane	6.679	63	3380	0.483	ug/L #	90
47) Tetrachloroethene	8.544	164	4116	0.879	ug/L	87
49) Dibromochloromethane	8.547	129	3821	0.702	ug/L #	11
61) 1,2,3-Trichloropropane	11.801	75	4206	1.071	ug/L #	67

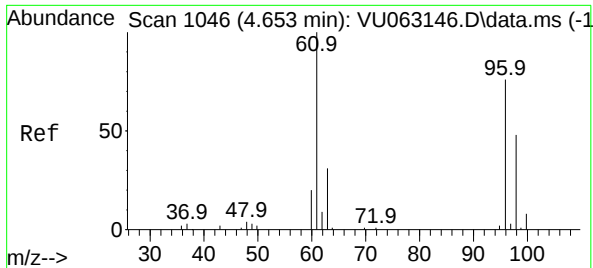
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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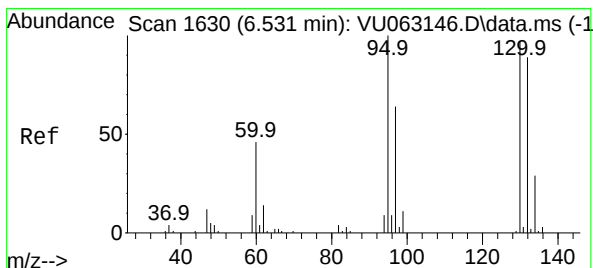
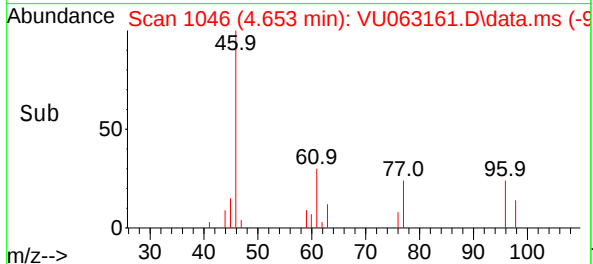
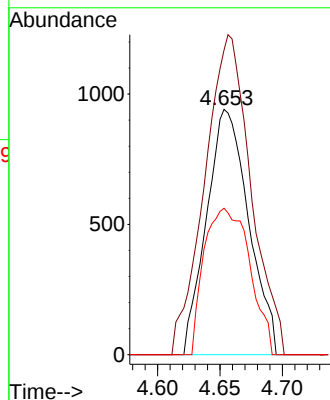
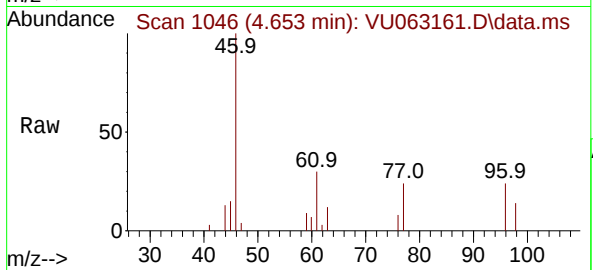




#22
 cis-1,2-Dichloroethene
 Concen: 0.349 ug/L
 RT: 4.653 min Scan# 1046
 Delta R.T. 0.000 min
 Lab File: VU063161.D
 Acq: 05 Feb 2025 15:51

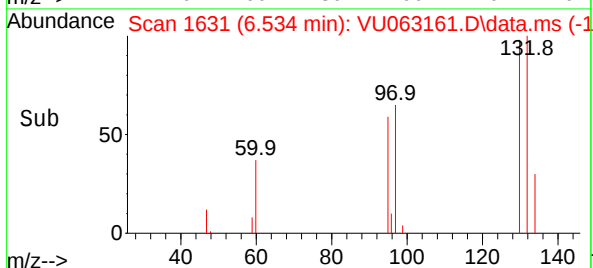
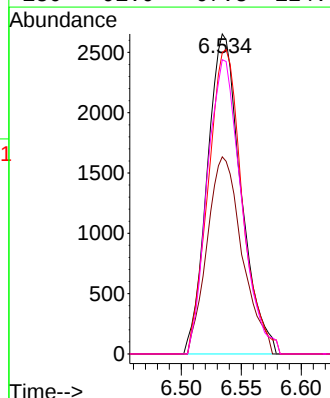
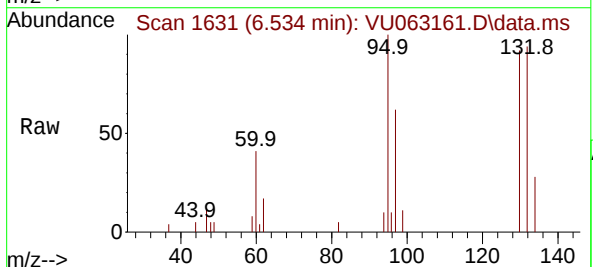
Instrument :
 MSVOA_U
 ClientSampleId :

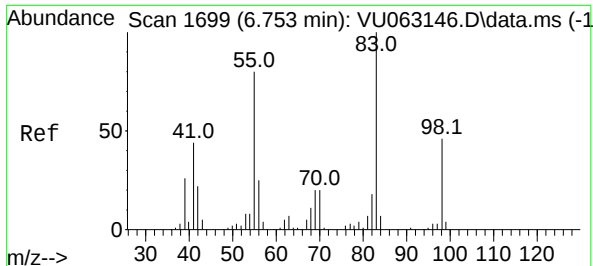
Tgt Ion: 96 Resp: 2208
 Ion Ratio Lower Upper
 96 100
 61 124.2 91.8 170.6
 98 59.7 44.4 82.4



#34
 Trichloroethene
 Concen: 0.775 ug/L
 RT: 6.534 min Scan# 1631
 Delta R.T. 0.003 min
 Lab File: VU063161.D
 Acq: 05 Feb 2025 15:51

Tgt Ion: 95 Resp: 5167
 Ion Ratio Lower Upper
 95 100
 97 61.6 46.7 86.7
 132 94.2 62.4 115.8
 130 91.9 67.3 124.9





#35

Methylcyclohexane

Concen: 0.747 ug/L

RT: 6.676 min Scan# 1

Delta R.T. -0.077 min

Lab File: VU063161.D

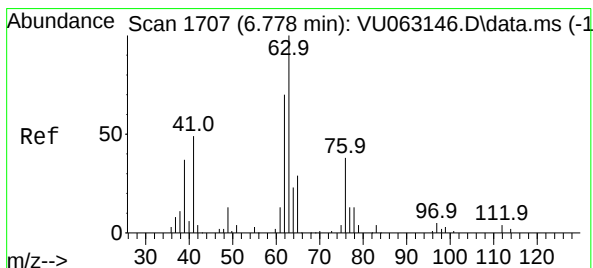
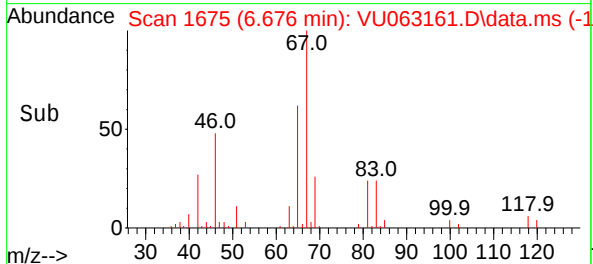
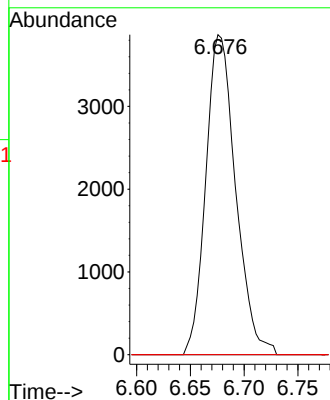
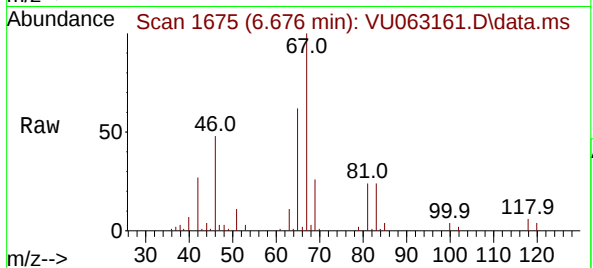
Acq: 05 Feb 2025 15:51

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp:	7465
Ion Ratio	Lower	Upper
83	100	
55	0.0	62.8 94.2#
98	4.4	36.0 54.0#



#37

1,2-Dichloropropane

Concen: 0.483 ug/L

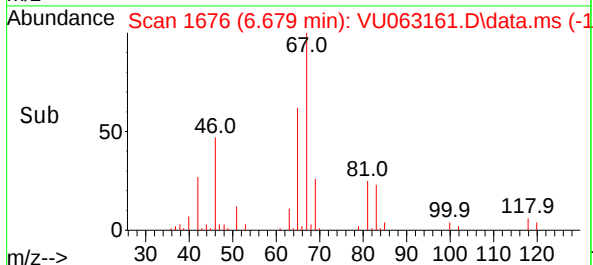
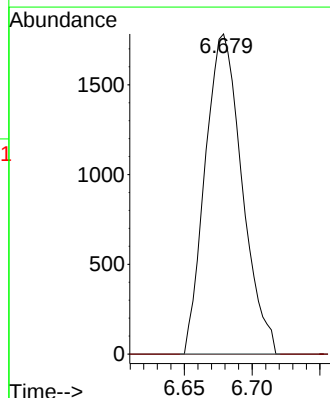
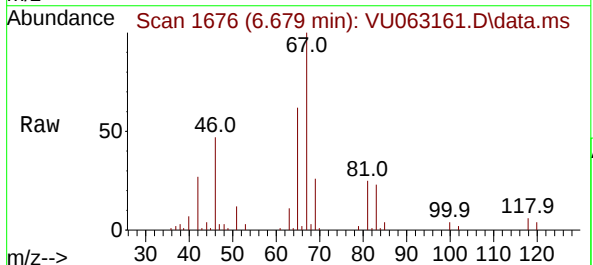
RT: 6.679 min Scan# 1676

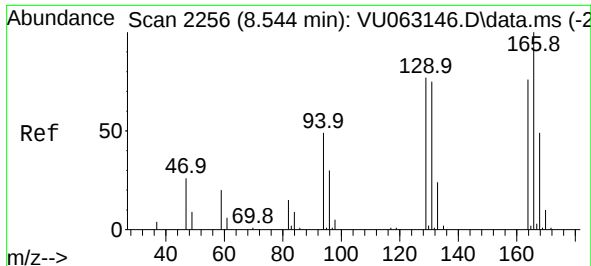
Delta R.T. -0.100 min

Lab File: VU063161.D

Acq: 05 Feb 2025 15:51

Tgt Ion: 63	Resp:	3380
Ion Ratio	Lower	Upper
63	100	
112	0.0	2.6 4.0#





#47

Tetrachloroethene

Concen: 0.879 ug/L

RT: 8.544 min Scan# 2256

Delta R.T. 0.000 min

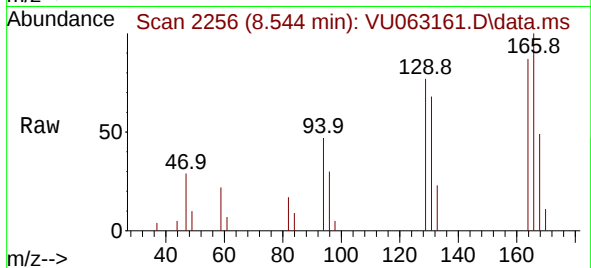
Lab File: VU063161.D

Acq: 05 Feb 2025 15:51

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 4116

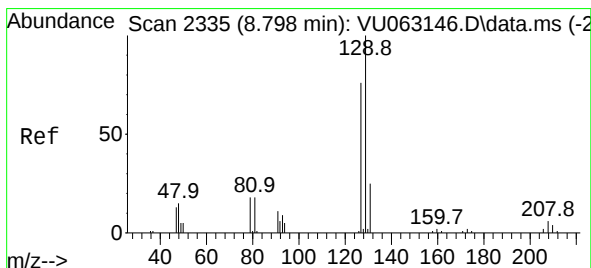
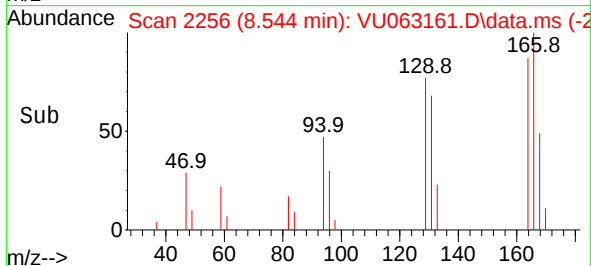
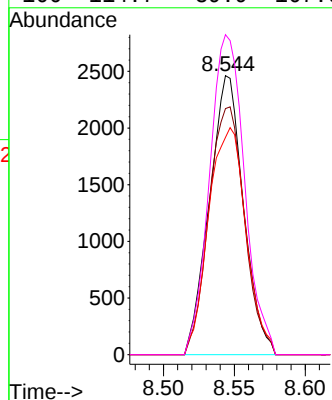
Ion Ratio Lower Upper

164 100

129 88.2 68.6 127.4

131 77.9 66.5 123.5

166 114.7 89.9 167.0



#49

Dibromochloromethane

Concen: 0.702 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.251 min

Lab File: VU063161.D

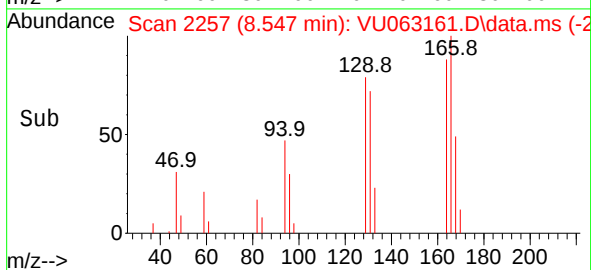
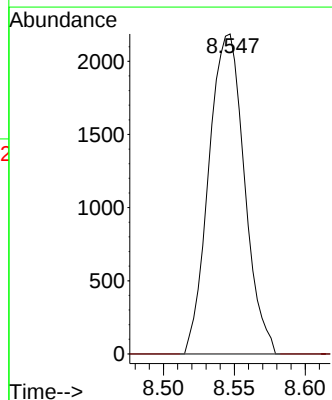
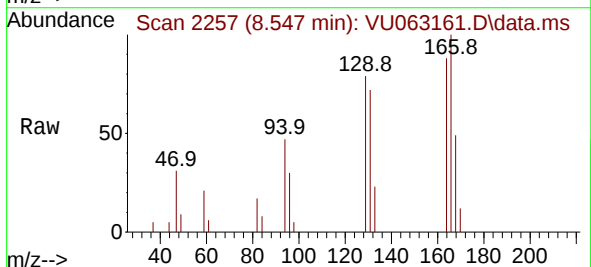
Acq: 05 Feb 2025 15:51

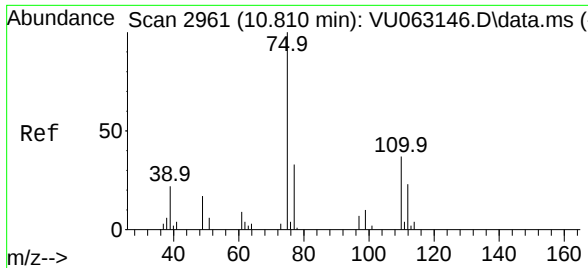
Tgt Ion:129 Resp: 3821

Ion Ratio Lower Upper

129 100

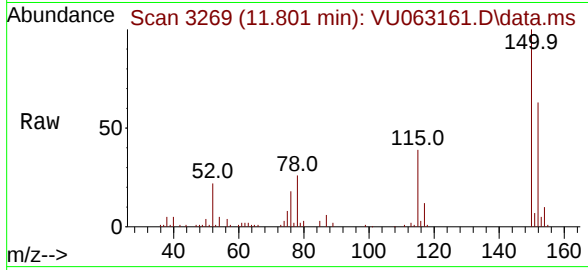
127 0.0 53.8 99.8#





#61
1,2,3-Trichloropropane
Concen: 1.071 ug/L
RT: 11.801 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU063161.D
Acq: 05 Feb 2025 15:51

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 4206
Ion Ratio Lower Upper
75 100
110 0.0 27.4 41.0#
77 30.1 26.3 39.5

