

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102723\
 Data File : VU055951.D
 Acq On : 28 Oct 2023 03:42
 Operator : MD/SY
 Sample : 05113-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 28 05:27:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 25 05:19:13 2023
 Response via : Initial Calibration

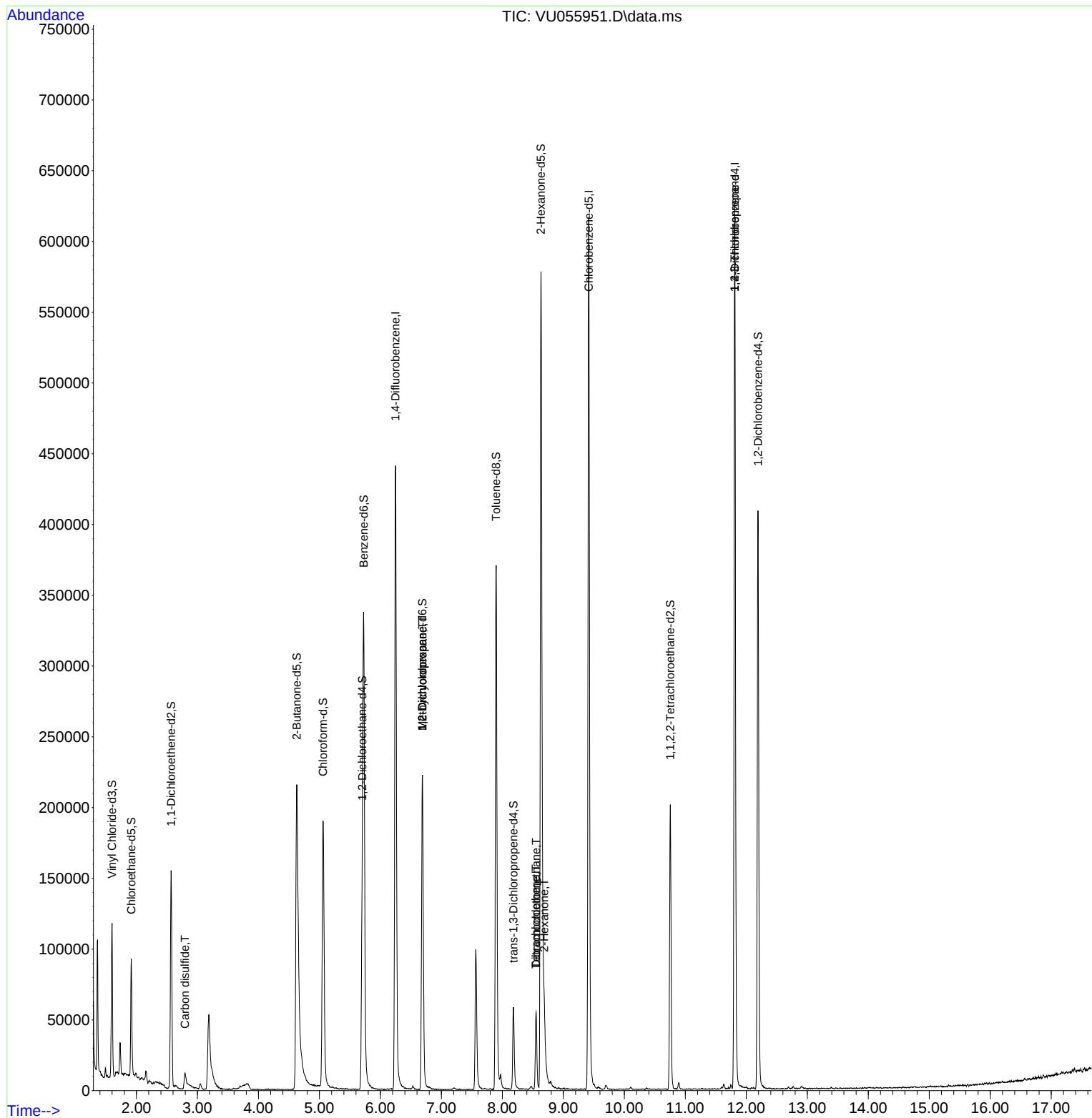
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	376822	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	374371	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	174855	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	64264	2.156	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	43.200%	
7) Chloroethane-d5	1.914	69	64135	2.760	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	55.200%#	
11) 1,1-Dichloroethene-d2	2.567	65	29593	2.338	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	46.800%#	
20) 2-Butanone-d5	4.628	46	275289	51.768	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	103.540%	
24) Chloroform-d	5.059	84	185362	3.356	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	67.200%#	
26) 1,2-Dichloroethane-d4	5.702	65	91232	3.390	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	67.800%#	
32) Benzene-d6	5.724	84	331699	2.974	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	59.400%#	
36) 1,2-Dichloropropane-d6	6.689	67	114472	3.463	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	69.200%	
41) Toluene-d8	7.898	98	265522	2.625	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	52.400%#	
43) trans-1,3-Dichloroprop...	8.181	79	36528	2.825	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	56.600%	
46) 2-Hexanone-d5	8.631	63	211382	64.404	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	128.800%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	103798	4.312	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	86.200%	
66) 1,2-Dichlorobenzene-d4	12.190	152	115187	3.531	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	70.600%#	
Target Compounds						
					Qvalue	
14) Carbon disulfide	2.795	76	11758	0.251	ug/L	100
35) Methylcyclohexane	6.689	83	27246	0.873	ug/L #	18
37) 1,2-Dichloropropane	6.689	63	11774	0.537	ug/L #	89
47) Tetrachloroethene	8.550	164	13100	0.809	ug/L	96
48) 2-Hexanone	8.685	43	23498	2.826	ug/L #	78
49) Dibromochloromethane	8.554	129	12867	0.760	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	20571	1.714	ug/L #	69

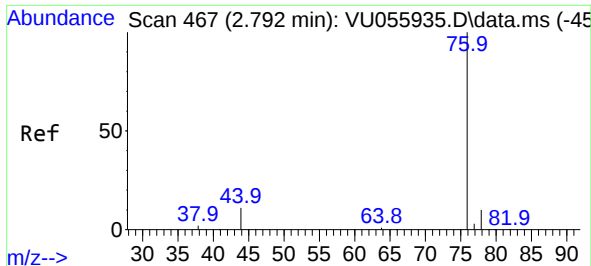
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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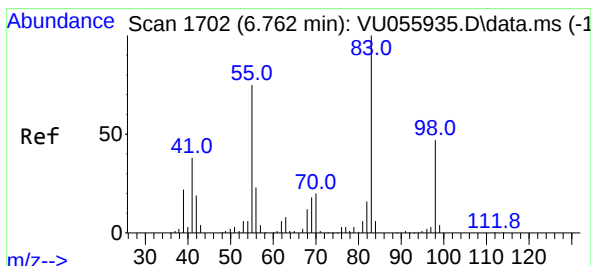
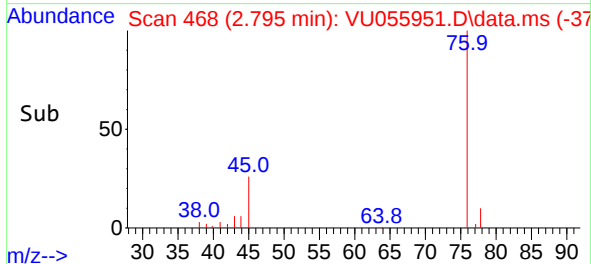
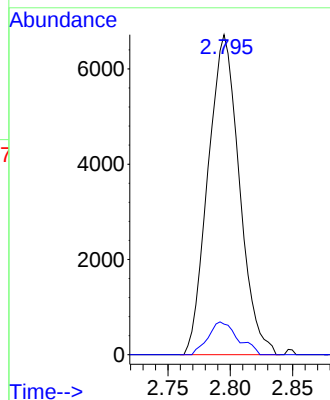
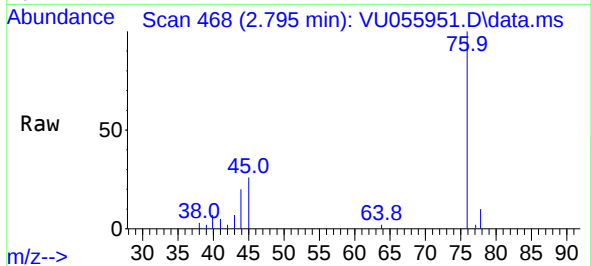




#14
Carbon disulfide
Concen: 0.251 ug/L
RT: 2.795 min Scan# 41
Delta R.T. 0.006 min
Lab File: VU055951.D
Acq: 28 Oct 2023 03:42

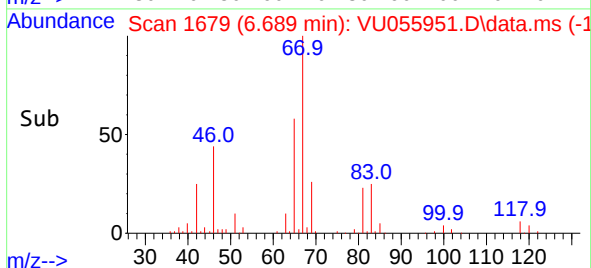
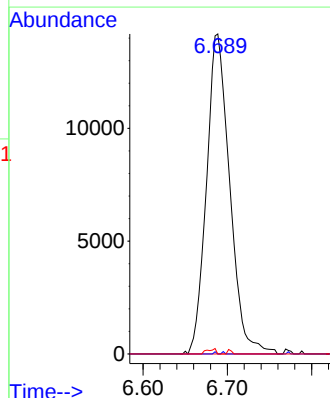
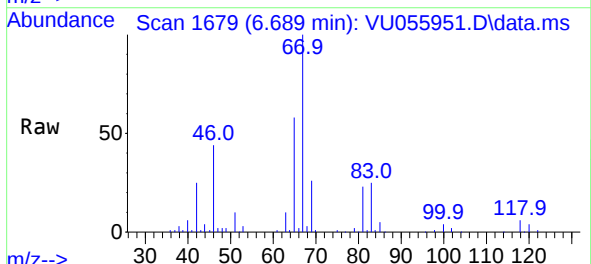
Instrument :
MSVOA_U
ClientSampleId :

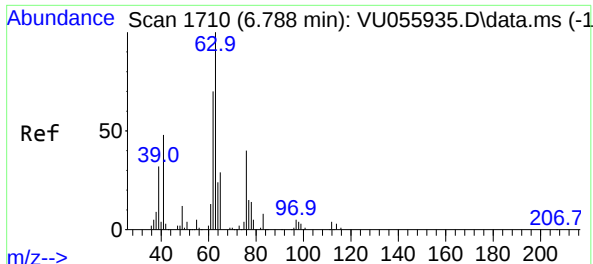
Tgt Ion: 76 Resp: 11758
Ion Ratio Lower Upper
76 100
78 9.5 7.5 11.3



#35
Methylcyclohexane
Concen: 0.873 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.071 min
Lab File: VU055951.D
Acq: 28 Oct 2023 03:42

Tgt Ion: 83 Resp: 27246
Ion Ratio Lower Upper
83 100
55 0.1 62.4 93.6#
98 0.6 37.4 56.2#

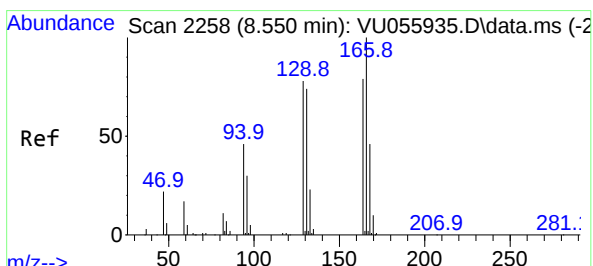
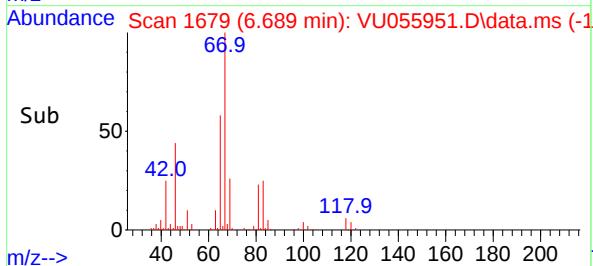
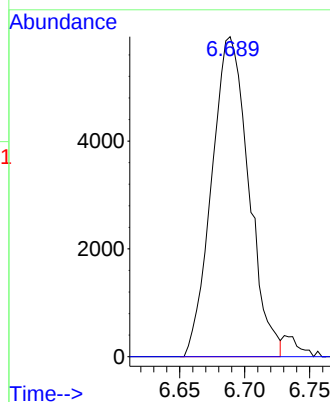
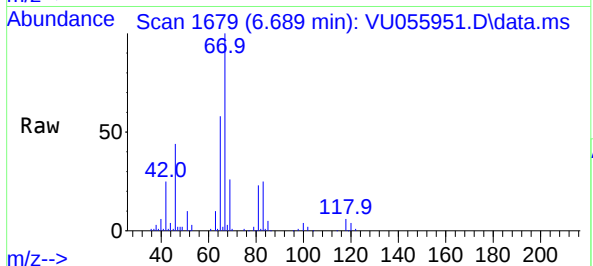




#37
1,2-Dichloropropane
Concen: 0.537 ug/L
RT: 6.689 min Scan# 1
Delta R.T. -0.096 min
Lab File: VU055951.D
Acq: 28 Oct 2023 03:42

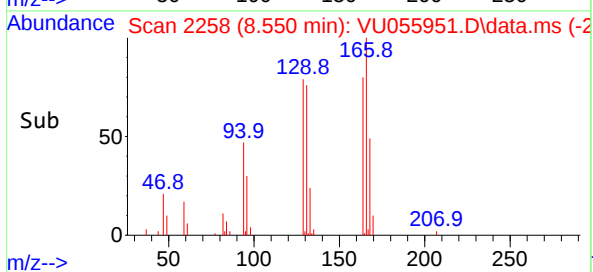
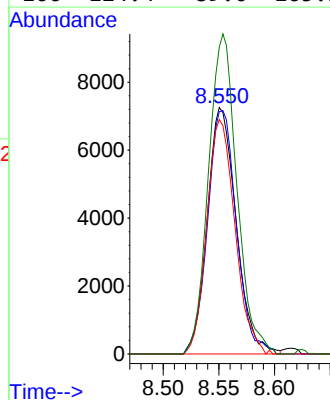
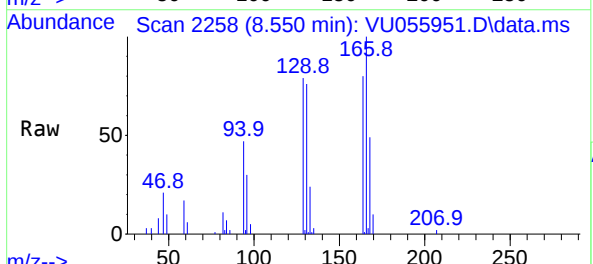
Instrument :
MSVOA_U
ClientSampleId :

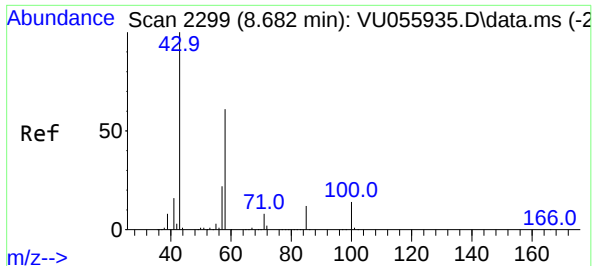
Tgt Ion: 63 Resp: 11774
Ion Ratio Lower Upper
63 100
112 0.4 3.1 4.7#



#47
Tetrachloroethene
Concen: 0.809 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU055951.D
Acq: 28 Oct 2023 03:42

Tgt Ion:164 Resp: 13100
Ion Ratio Lower Upper
164 100
129 98.3 72.2 134.0
131 95.1 70.8 131.6
166 124.4 89.0 165.2





#48

2-Hexanone

Concen: 2.826 ug/L

RT: 8.685 min Scan# 21

Delta R.T. 0.003 min

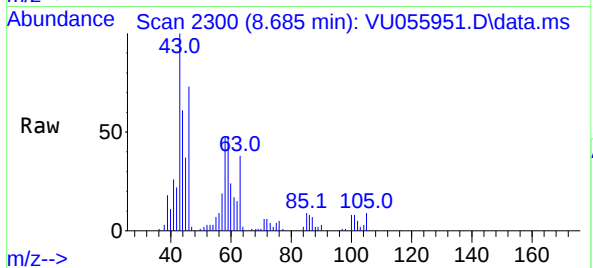
Lab File: VU055951.D

Acq: 28 Oct 2023 03:42

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 43 Resp: 23498

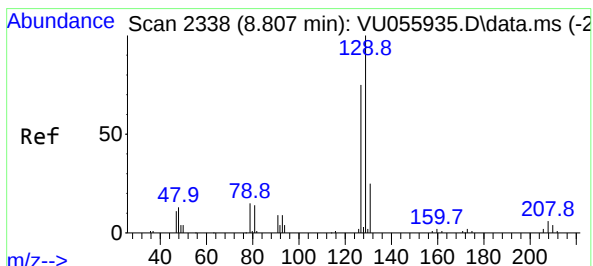
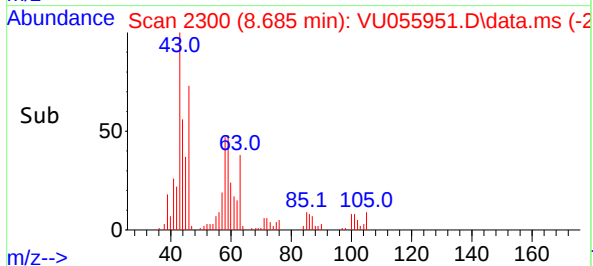
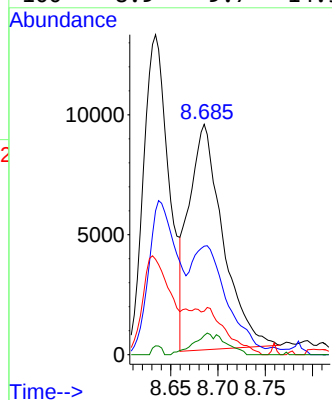
Ion Ratio Lower Upper

43 100

58 47.7 49.5 74.3#

57 1.5 16.9 25.3#

100 8.9 9.7 14.5#



#49

Dibromochloromethane

Concen: 0.760 ug/L

RT: 8.554 min Scan# 2259

Delta R.T. -0.251 min

Lab File: VU055951.D

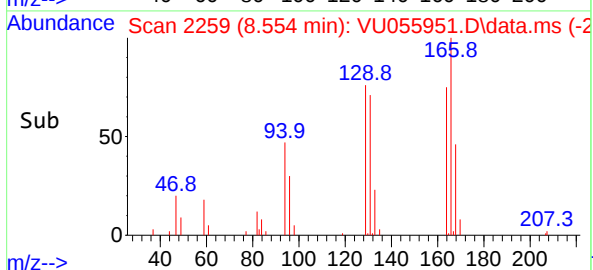
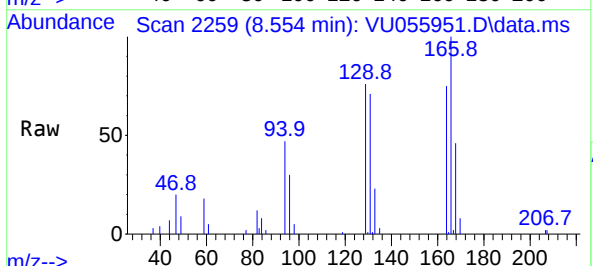
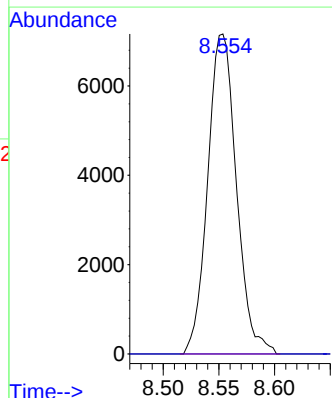
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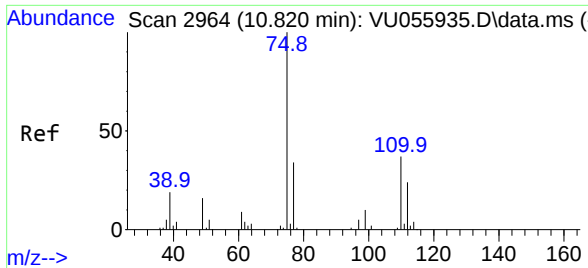
Tgt Ion: 129 Resp: 12867

Ion Ratio Lower Upper

129 100

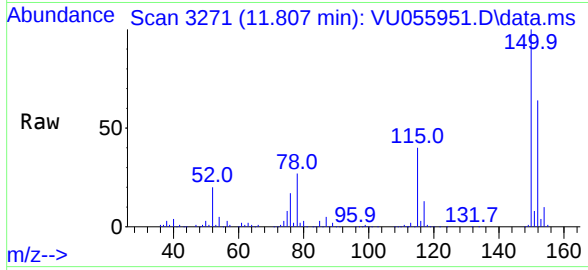
127 0.0 53.5 99.5#





#61
1,2,3-Trichloropropane
Concen: 1.714 ug/L
RT: 11.807 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU055951.D
Acq: 28 Oct 2023 03:42

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 20571

Ion	Ratio	Lower	Upper
75	100		
110	2.8	29.0	43.6#
77	30.1	24.5	36.7

