

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012424\
 Data File : VU057628.D
 Acq On : 24 Jan 2024 18:57
 Operator : MD/SY
 Sample : P1228-18DL 4X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 25 01:56:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 25 01:52:13 2024
 Response via : Initial Calibration

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

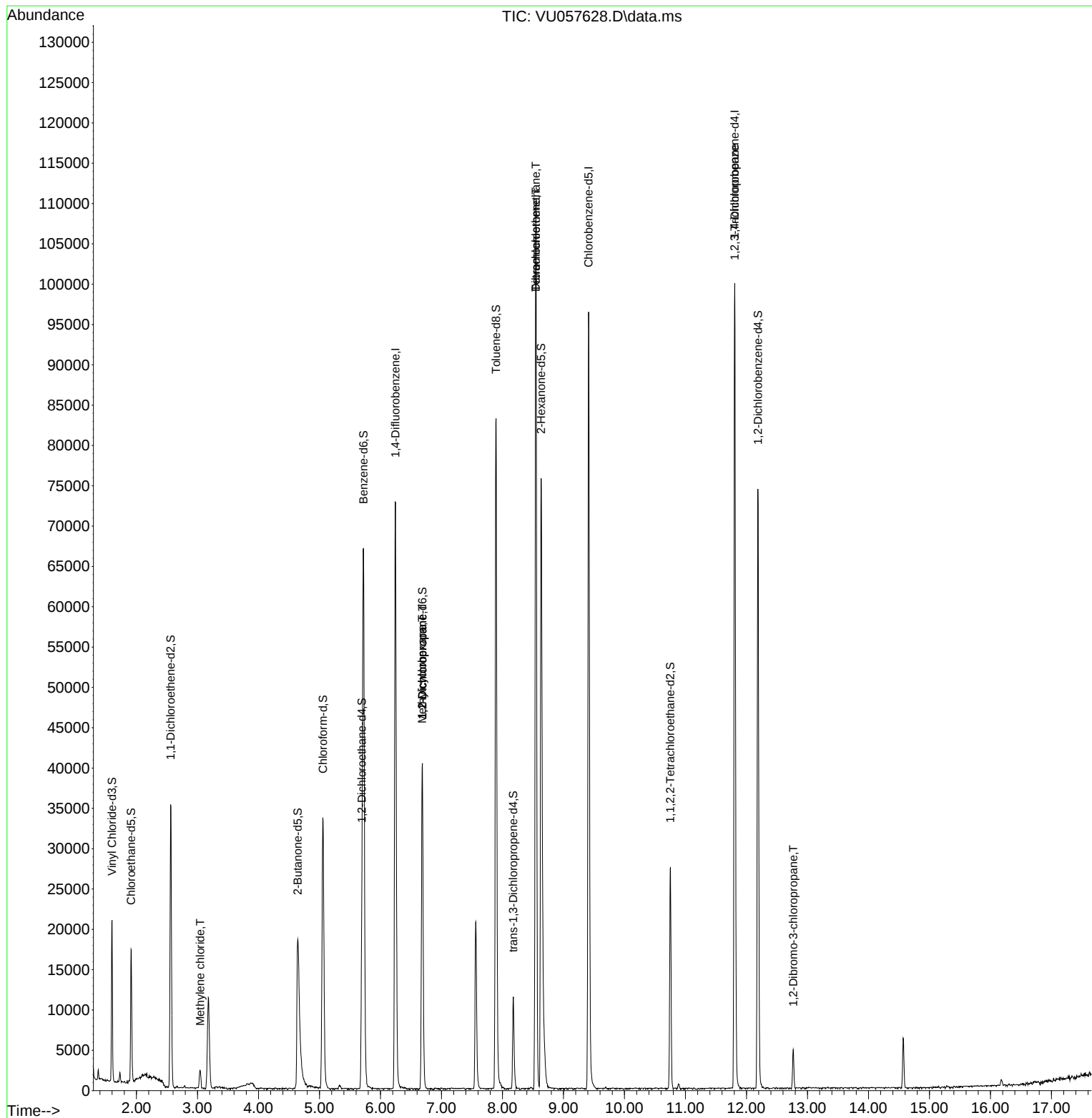
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	60950	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	54485	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	26549	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	14443	4.301	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	86.000%	
7) Chloroethane-d5	1.911	69	12330	4.382	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	87.600%	
11) 1,1-Dichloroethene-d2	2.560	65	6753	4.277	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	85.600%	
20) 2-Butanone-d5	4.644	46	35248	55.639	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	111.280%	
24) Chloroform-d	5.055	84	31618	4.638	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.800%	
26) 1,2-Dichloroethane-d4	5.695	65	15778	5.094	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	101.800%	
32) Benzene-d6	5.721	84	63016	4.931	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.600%	
36) 1,2-Dichloropropane-d6	6.685	67	19144	4.966	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	99.400%	
41) Toluene-d8	7.894	98	57501	4.740	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.800%	
43) trans-1,3-Dichloroprop...	8.177	79	7151	4.654	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	93.000%	
46) 2-Hexanone-d5	8.634	63	27161	55.410	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	110.820%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	13446	5.204	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	104.000%	
66) 1,2-Dichlorobenzene-d4	12.187	152	19750	5.301	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	106.000%	
Target Compounds						
					Qvalue	
16) Methylene chloride	3.043	84	1137	0.239	ug/L	95
35) Methylcyclohexane	6.682	83	4261	0.512	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	2056	0.440	ug/L #	89
47) Tetrachloroethene	8.547	164	23239	6.138	ug/L	99
49) Dibromochloromethane	8.547	129	23328	5.924	ug/L #	10
61) 1,2,3-Trichloropropane	11.804	75	3588	1.347	ug/L #	64
68) 1,2-Dibromo-3-chloropr...	12.769	75	40	0.080	ug/L #	5

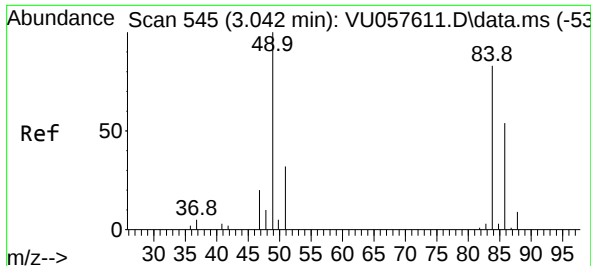
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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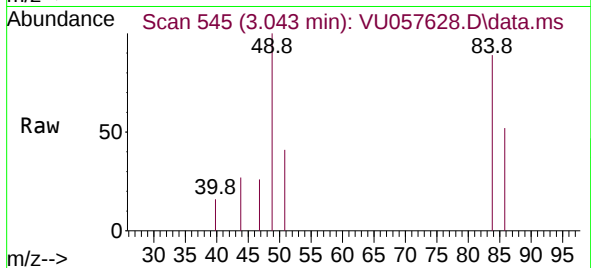
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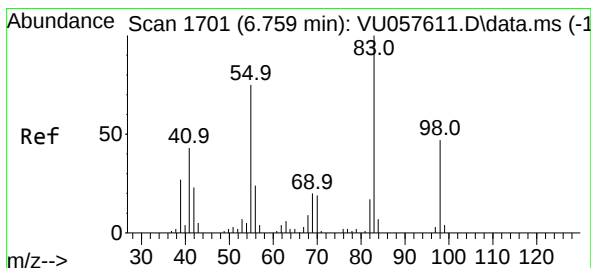
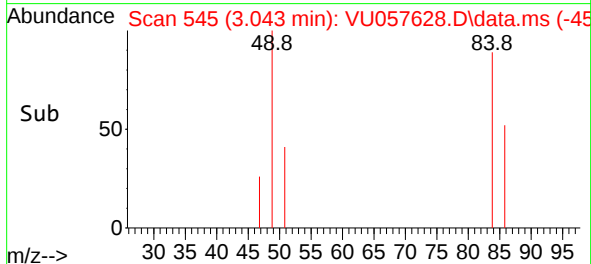
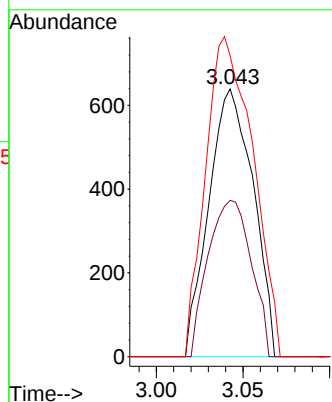
#16
Methylene chloride
Concen: 0.239 ug/L
RT: 3.043 min Scan# 54
Delta R.T. 0.000 min
Lab File: VU057628.D
Acq: 24 Jan 2024 18:57

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 84 Resp: 1137

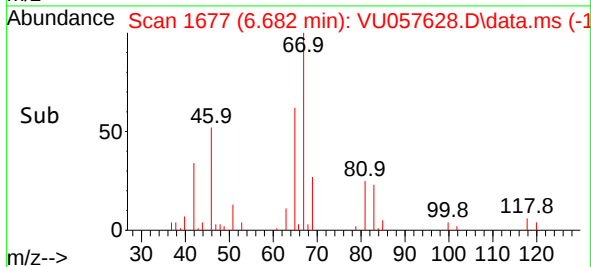
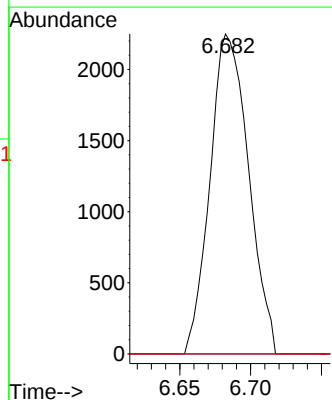
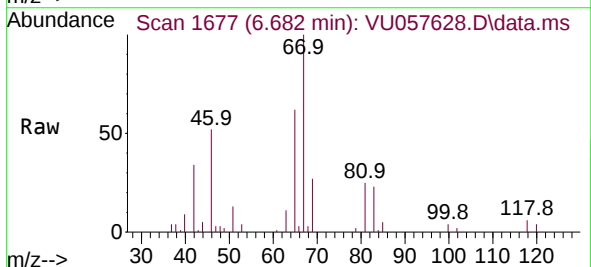
Ion	Ratio	Lower	Upper
84	100		
86	58.4	43.5	80.9
49	112.5	82.5	153.1

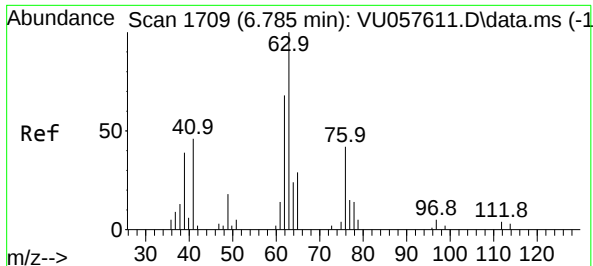


#35
Methylcyclohexane
Concen: 0.512 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.077 min
Lab File: VU057628.D
Acq: 24 Jan 2024 18:57

Tgt Ion: 83 Resp: 4261

Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.4	92.0#
98	0.0	38.2	57.4#





#37

1,2-Dichloropropane

Concen: 0.440 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.099 min

Lab File: VU057628.D

Acq: 24 Jan 2024 18:57

Instrument :

MSVOA_U

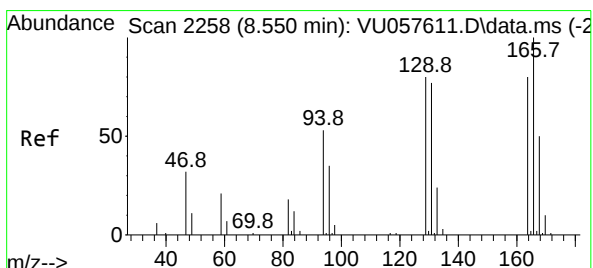
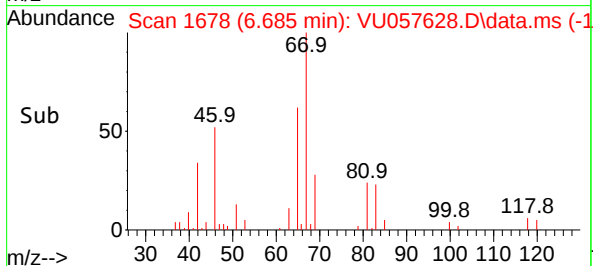
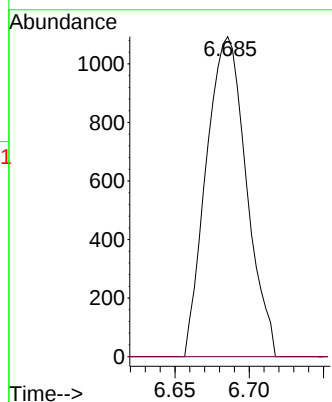
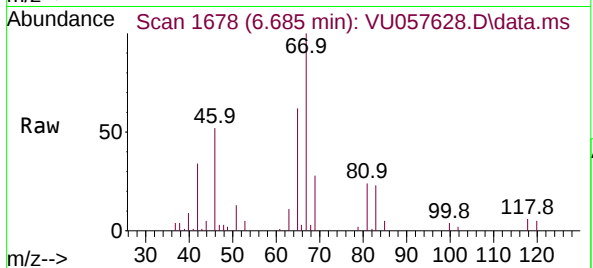
ClientSampleId :

Tgt Ion: 63 Resp: 2056

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#



#47

Tetrachloroethene

Concen: 6.138 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.003 min

Lab File: VU057628.D

Acq: 24 Jan 2024 18:57

Tgt Ion: 164 Resp: 23239

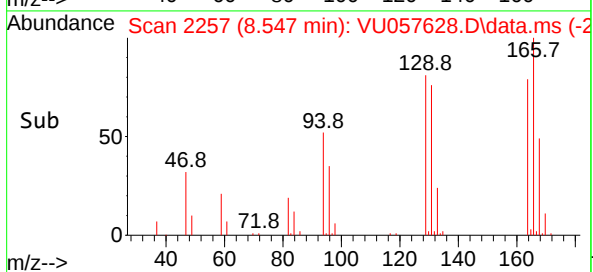
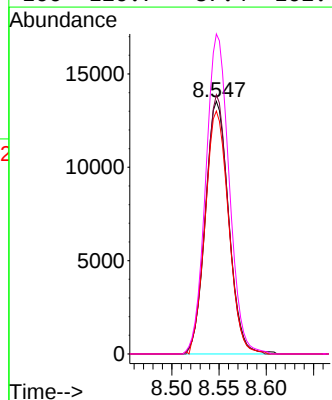
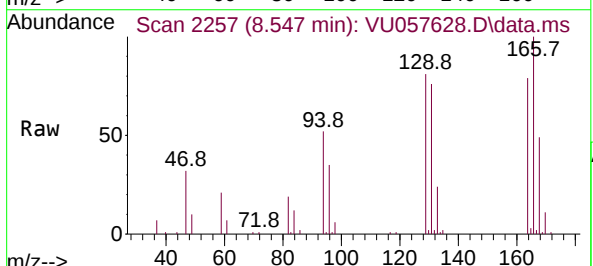
Ion Ratio Lower Upper

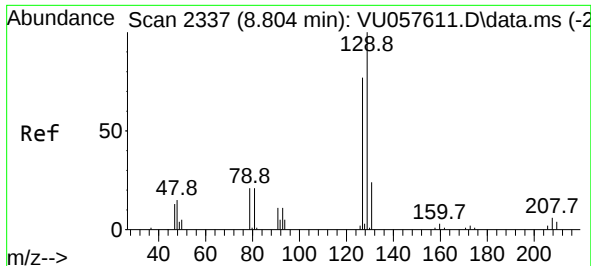
164 100

129 102.6 71.3 132.5

131 96.1 68.1 126.5

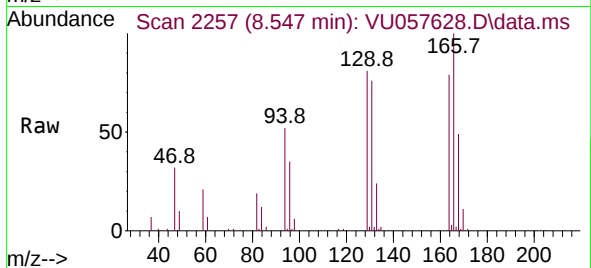
166 126.7 87.4 162.4



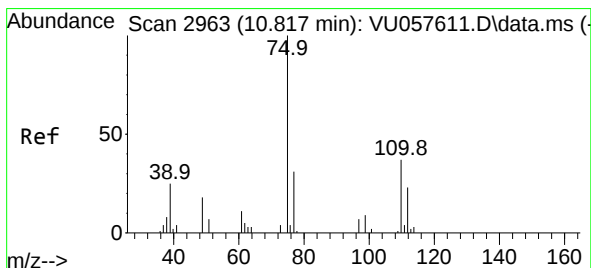
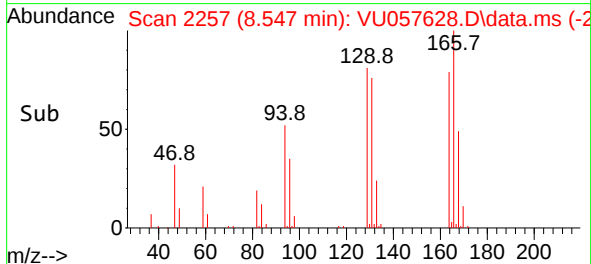
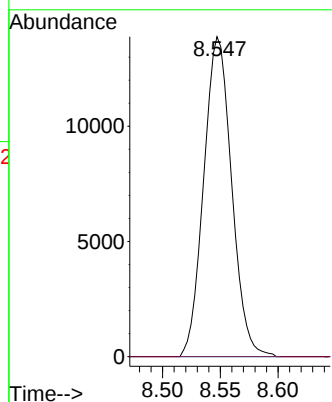


#49
Dibromochloromethane
Concen: 5.924 ug/L
RT: 8.547 min Scan# 21
Delta R.T. -0.257 min
Lab File: VU057628.D
Acq: 24 Jan 2024 18:57

Instrument :
MSVOA_U
ClientSampleId :

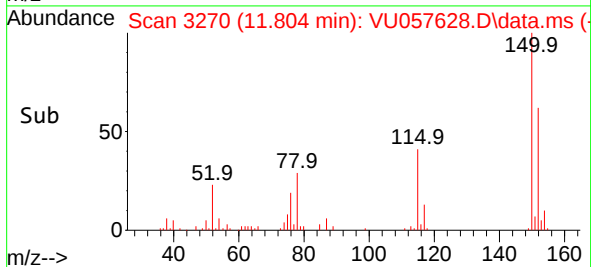
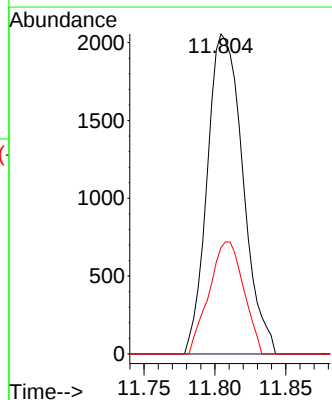
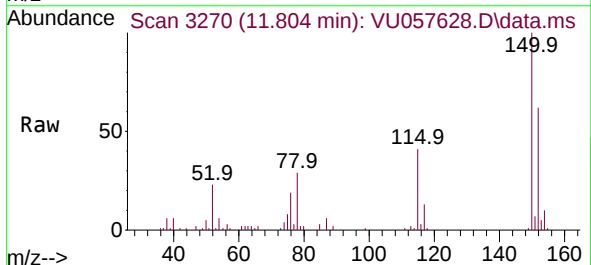


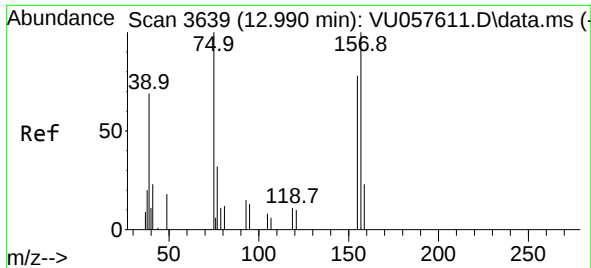
Tgt Ion:129 Resp: 23328
Ion Ratio Lower Upper
129 100
127 0.0 54.5 101.1#



#61
1,2,3-Trichloropropane
Concen: 1.347 ug/L
RT: 11.804 min Scan# 3270
Delta R.T. 0.987 min
Lab File: VU057628.D
Acq: 24 Jan 2024 18:57

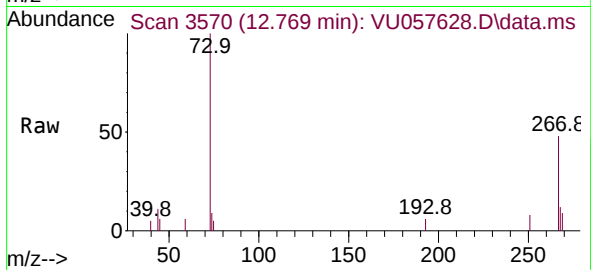
Tgt Ion: 75 Resp: 3588
Ion Ratio Lower Upper
75 100
110 0.0 30.1 45.1#
77 33.9 25.5 38.3





#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.080 ug/L
 RT: 12.769 min Scan# 31
 Delta R.T. -0.222 min
 Lab File: VU057628.D
 Acq: 24 Jan 2024 18:57

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 40
 Ion Ratio Lower Upper
 75 100
 155 0.0 62.8 94.2#
 157 0.0 78.9 118.3#

