

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111423\
 Data File : VU056332.D
 Acq On : 15 Nov 2023 03:34
 Operator : MD/SY
 Sample : 05333-12
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 16 01:24:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 15 03:03:12 2023
 Response via : Initial Calibration

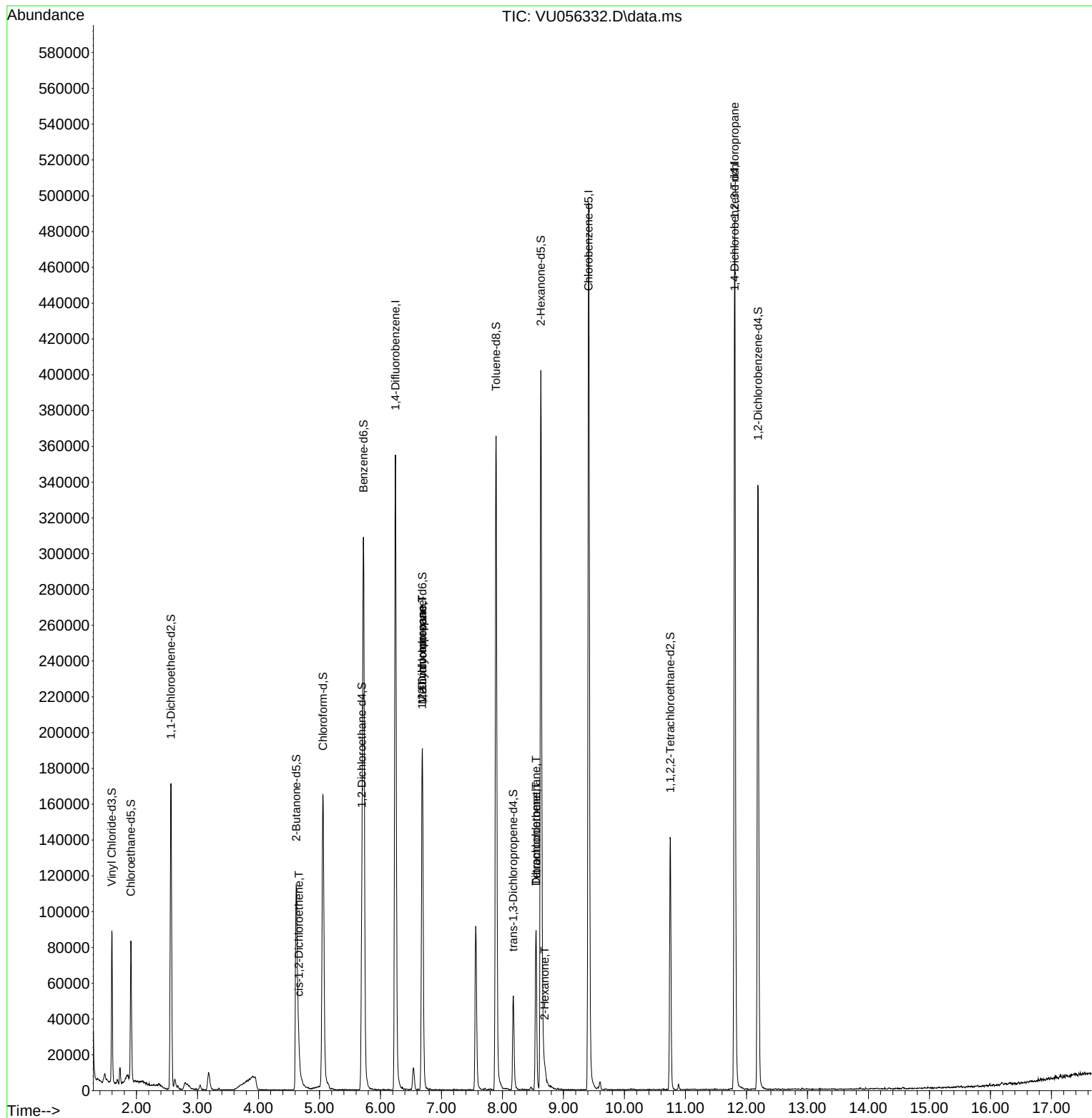
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	289605	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	286939	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	130401	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	59276	2.736	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	54.800%	
7) Chloroethane-d5	1.908	69	58366	3.514	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	70.200%	
11) 1,1-Dichloroethene-d2	2.563	65	33846	3.540	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	70.800%	
20) 2-Butanone-d5	4.618	46	174946	40.503	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	81.000%	
24) Chloroform-d	5.055	84	158401	3.781	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	75.600%	
26) 1,2-Dichloroethane-d4	5.695	65	77636	4.010	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	80.200%	
32) Benzene-d6	5.721	84	298324	3.490	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	69.800%#	
36) 1,2-Dichloropropane-d6	6.685	67	95533	3.708	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	74.200%	
41) Toluene-d8	7.894	98	254985	3.378	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	67.600%#	
43) trans-1,3-Dichloroprop...	8.177	79	32477	3.287	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	65.800%	
46) 2-Hexanone-d5	8.627	63	137154	35.319	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	70.640%	
56) 1,1,2,2-Tetrachloroeth...	10.750	84	71034	3.858	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	77.200%	
66) 1,2-Dichlorobenzene-d4	12.187	152	90755	3.767	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	75.400%#	
Target Compounds						
22) cis-1,2-Dichloroethene	4.663	96	3705	0.179	ug/L	91
35) Methylcyclohexane	6.685	83	22839	0.709	ug/L #	19
37) 1,2-Dichloropropane	6.682	63	10665	0.500	ug/L #	89
47) Tetrachloroethene	8.550	164	20158	1.340	ug/L	91
48) 2-Hexanone	8.692	43	5565	0.675	ug/L #	82
49) Dibromochloromethane	8.550	129	19869	1.229	ug/L #	12
61) 1,2,3-Trichloropropane	11.804	75	16008	1.431	ug/L #	67

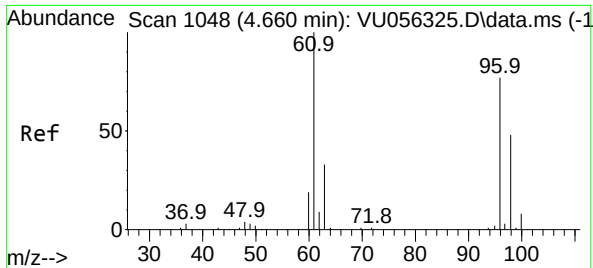
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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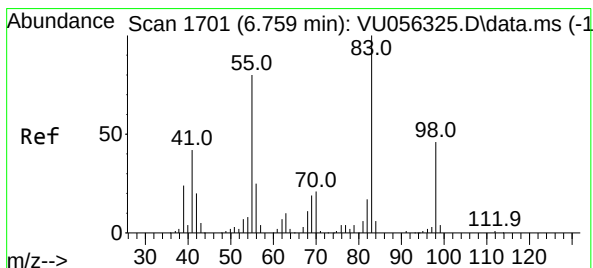
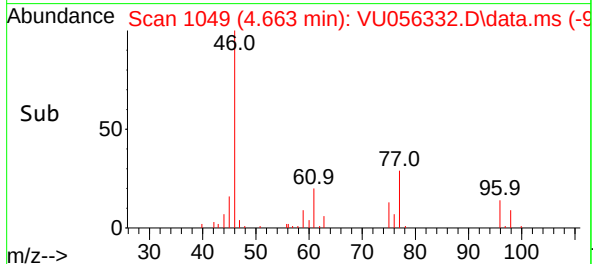
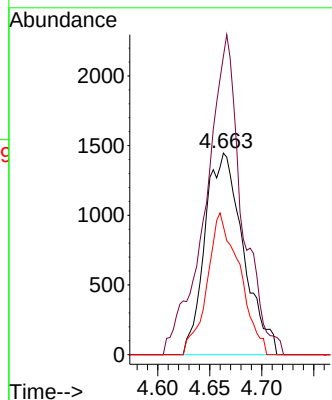
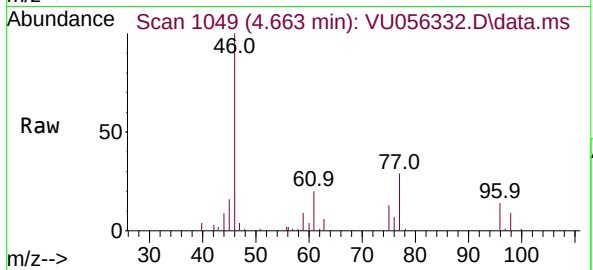




#22
 cis-1,2-Dichloroethene
 Concen: 0.179 ug/L
 RT: 4.663 min Scan# 1048
 Delta R.T. 0.003 min
 Lab File: VU056332.D
 Acq: 15 Nov 2023 03:34

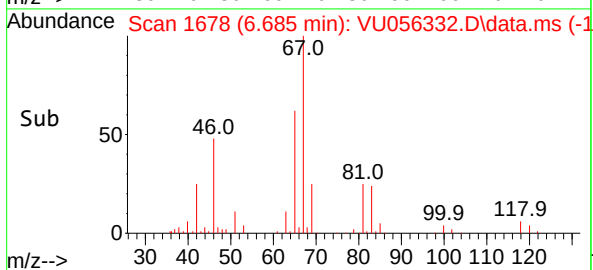
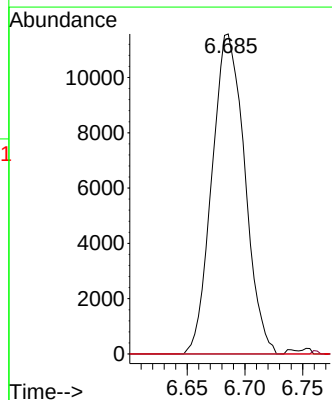
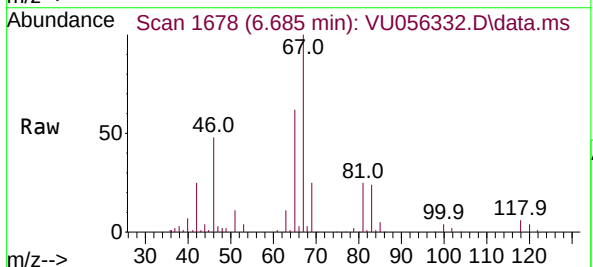
Instrument :
 MSVOA_U
 ClientSampleId :

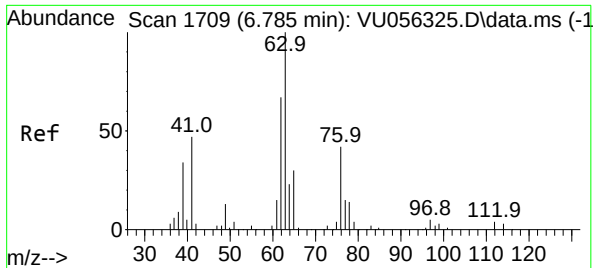
Tgt Ion: 96 Resp: 3705
 Ion Ratio Lower Upper
 96 100
 61 148.1 93.2 173.2
 98 63.7 44.8 83.2



#35
 Methylcyclohexane
 Concen: 0.709 ug/L
 RT: 6.685 min Scan# 1678
 Delta R.T. -0.074 min
 Lab File: VU056332.D
 Acq: 15 Nov 2023 03:34

Tgt Ion: 83 Resp: 22839
 Ion Ratio Lower Upper
 83 100
 55 0.2 62.9 94.3#
 98 0.9 35.3 52.9#





#37

1,2-Dichloropropane

Concen: 0.500 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU056332.D

Acq: 15 Nov 2023 03:34

Instrument :

MSVOA_U

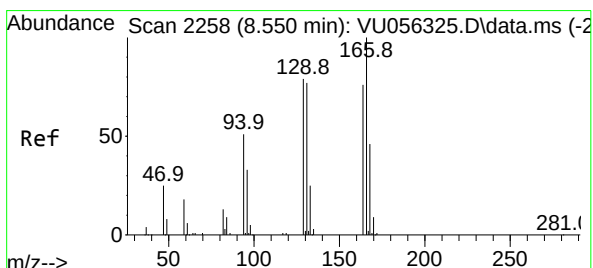
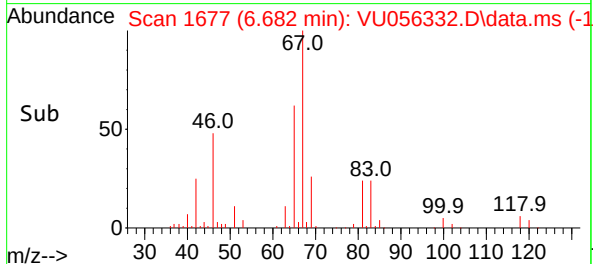
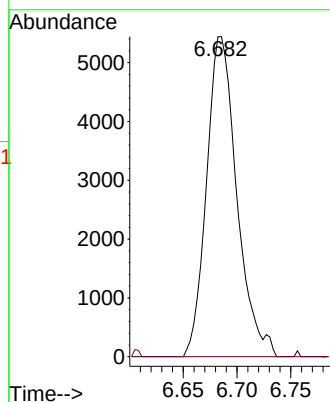
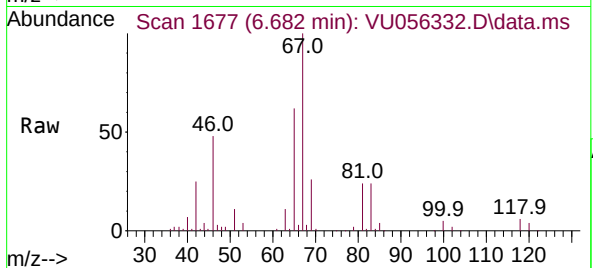
ClientSampleId :

Tgt Ion: 63 Resp: 10665

Ion Ratio Lower Upper

63 100

112 0.4 3.2 4.8#



#47

Tetrachloroethene

Concen: 1.340 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. 0.000 min

Lab File: VU056332.D

Acq: 15 Nov 2023 03:34

Tgt Ion:164 Resp: 20158

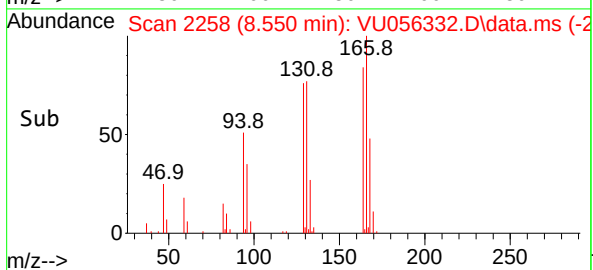
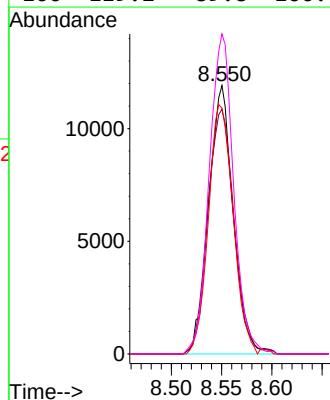
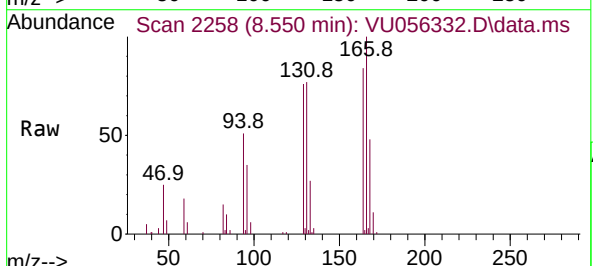
Ion Ratio Lower Upper

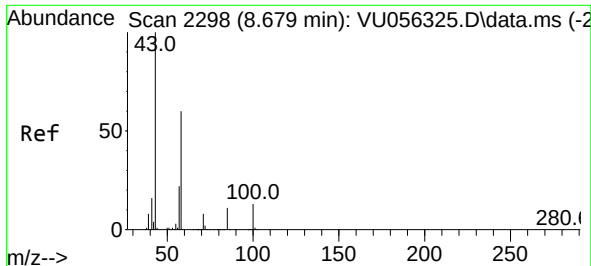
164 100

129 91.1 71.0 131.9

131 91.6 70.3 130.7

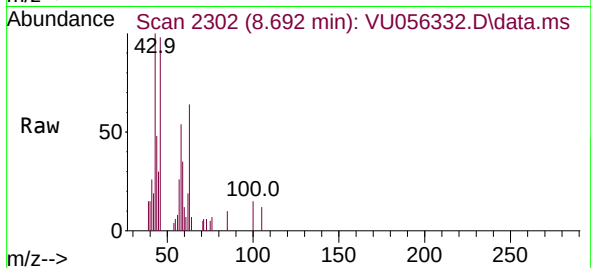
166 119.2 89.8 166.8



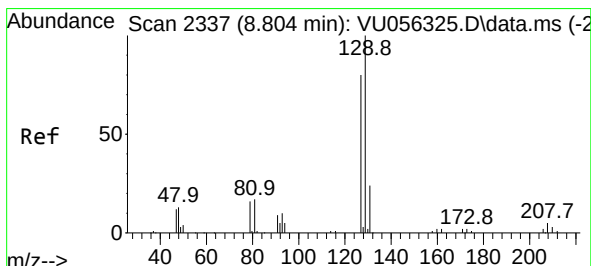
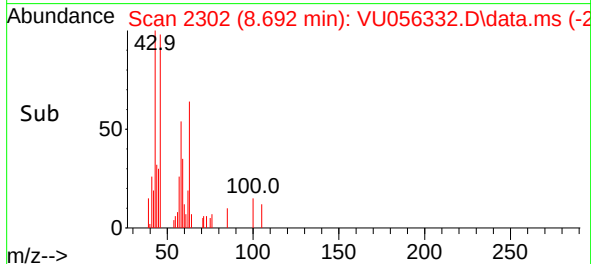
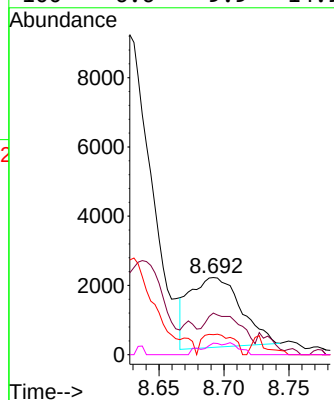


#48
2-Hexanone
Concen: 0.675 ug/L
RT: 8.692 min Scan# 21
Delta R.T. 0.013 min
Lab File: VU056332.D
Acq: 15 Nov 2023 03:34

Instrument :
MSVOA_U
ClientSampleId :

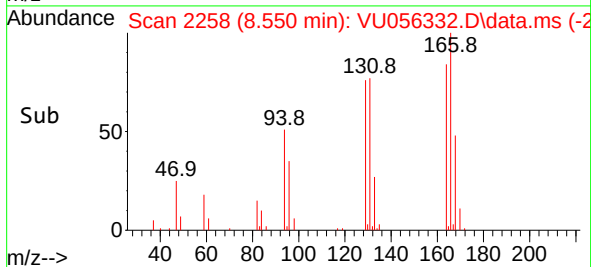
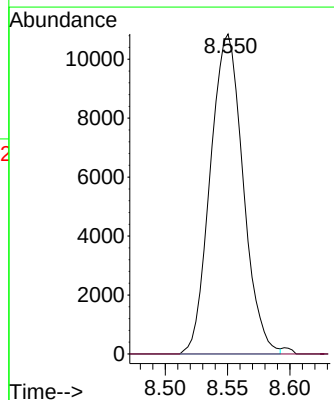
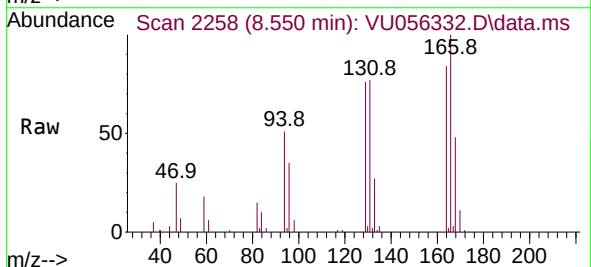


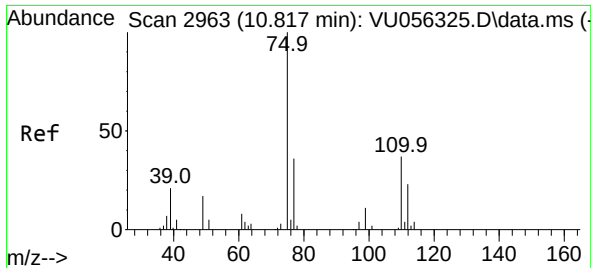
Tgt Ion: 43 Resp: 5565
Ion Ratio Lower Upper
43 100
58 43.8 48.7 73.1#
57 17.7 16.8 25.2
100 6.6 9.9 14.9#



#49
Dibromochloromethane
Concen: 1.229 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.254 min
Lab File: VU056332.D
Acq: 15 Nov 2023 03:34

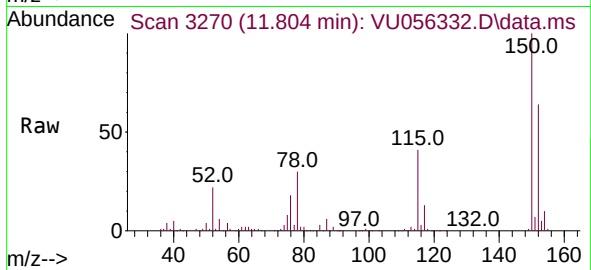
Tgt Ion: 129 Resp: 19869
Ion Ratio Lower Upper
129 100
127 0.0 52.9 98.3#





#61
 1,2,3-Trichloropropane
 Concen: 1.431 ug/L
 RT: 11.804 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU056332.D
 Acq: 15 Nov 2023 03:34

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 16008
 Ion Ratio Lower Upper
 75 100
 110 1.4 30.4 45.6#
 77 33.0 27.0 40.6

