

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020623\
 Data File : VU052974.D
 Acq On : 06 Feb 2023 12:39
 Operator : JC/MD
 Sample : 01422-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B73

Quant Time: Feb 07 01:05:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sun Feb 05 21:58:05 2023
 Response via : Initial Calibration

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

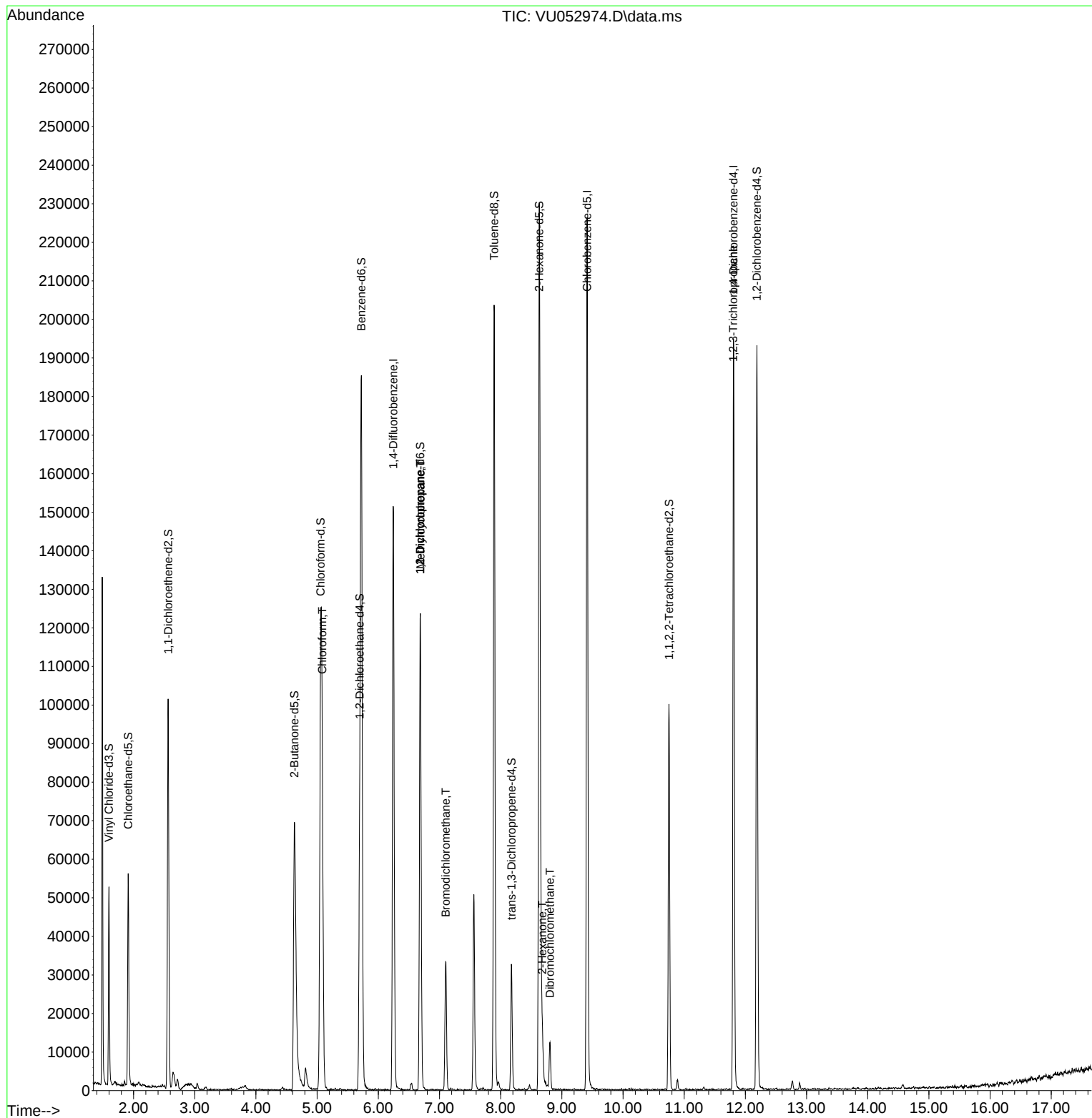
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	130357	5.000	ug/L	# 0.00
28) Chlorobenzene-d5	9.414	117	132684	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	56652	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	36924	3.224	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.400%
7) Chloroethane-d5	1.912	69	41943	4.495	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.000%
11) 1,1-Dichloroethene-d2	2.565	65	18766	3.721	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.400%
20) 2-Butanone-d5	4.629	46	110274	36.012	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	72.020%
24) Chloroform-d	5.057	84	102127	4.781	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
26) 1,2-Dichloroethane-d4	5.697	65	49160	4.481	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.600%
32) Benzene-d6	5.723	84	181804	4.227	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.600%
36) 1,2-Dichloropropane-d6	6.684	67	59766	4.170	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.400%
41) Toluene-d8	7.893	98	139900	3.690	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.800%
43) trans-1,3-Dichloroprop...	8.176	79	18578	3.486	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.800%
46) 2-Hexanone-d5	8.629	63	74595	33.695	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	67.380%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	50072	4.563	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.200%
66) 1,2-Dichlorobenzene-d4	12.189	152	55554	5.387	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.800%
Target Compounds						
					Qvalue	
25) Chloroform	5.083	83	68222	2.899	ug/L	100
35) Methylcyclohexane	6.687	83	14664	0.715	ug/L	# 15
37) 1,2-Dichloropropane	6.684	63	6800	0.482	ug/L	# 89
38) Bromodichloromethane	7.102	83	22983	1.385	ug/L	98
48) 2-Hexanone	8.681	43	3690	0.625	ug/L	# 83
49) Dibromochloromethane	8.806	129	6717	0.655	ug/L	98
61) 1,2,3-Trichloropropane	11.803	75	5026	0.763	ug/L	# 66

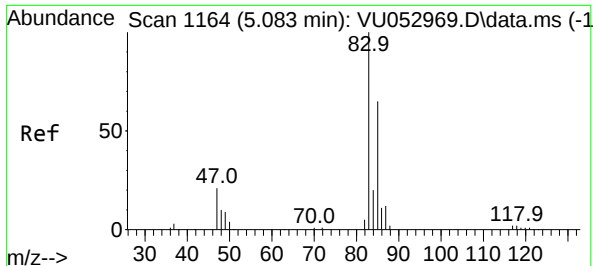
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#25

Chloroform

Concen: 2.899 ug/L

RT: 5.083 min Scan# 1164

Delta R.T. 0.000 min

Lab File: VU052974.D

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Instrument :

MSVOA_U

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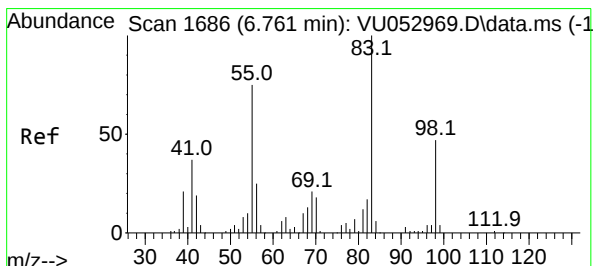
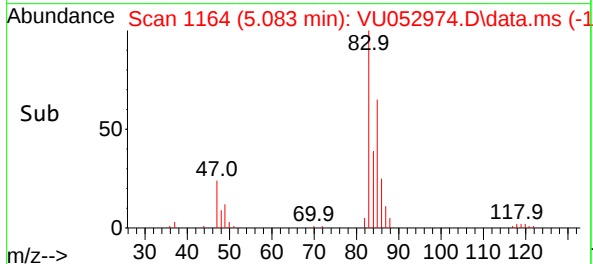
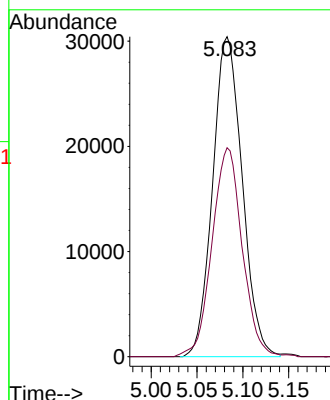
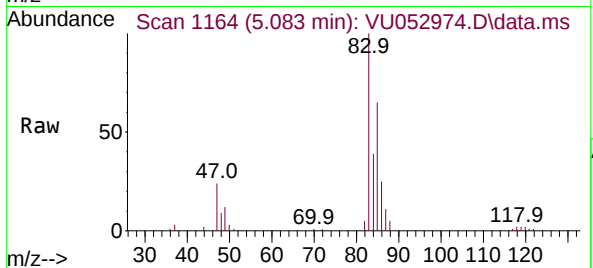
C0B73

Tgt Ion: 83 Resp: 68222

Ion Ratio Lower Upper

83 100

85 65.3 45.6 84.6



#35

Methylcyclohexane

Concen: 0.715 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.071 min

Lab File: VU052974.D

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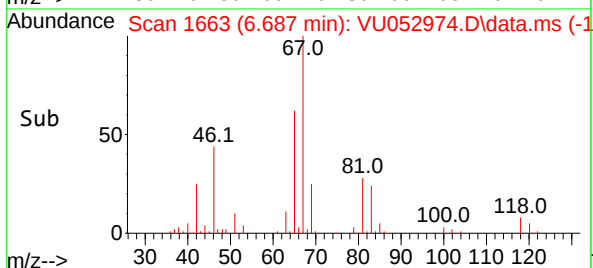
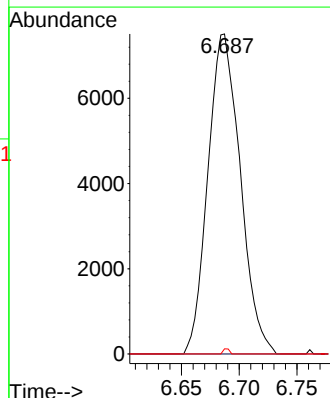
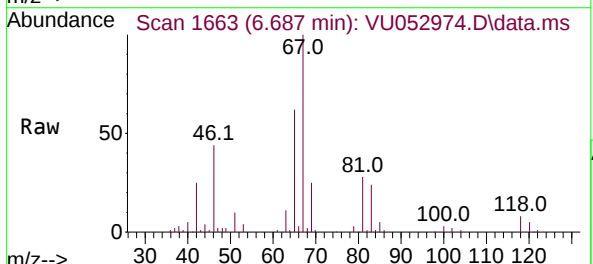
Tgt Ion: 83 Resp: 14664

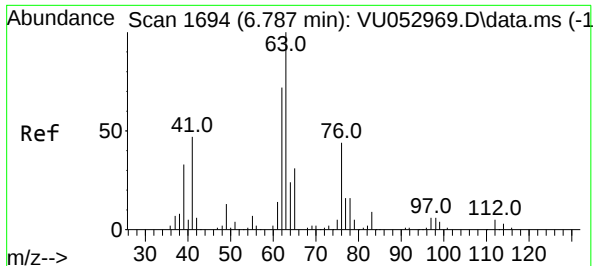
Ion Ratio Lower Upper

83 100

55 0.0 67.6 101.4#

98 0.3 37.1 55.7#

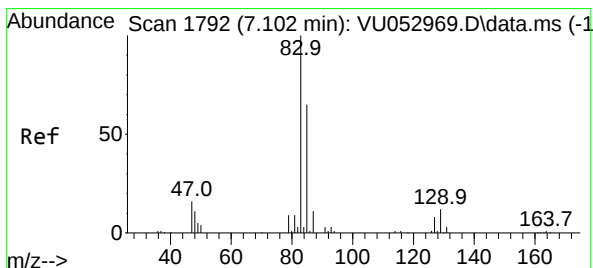
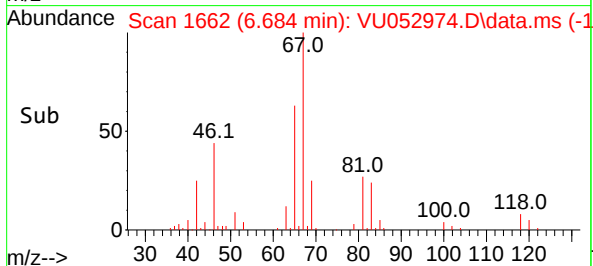
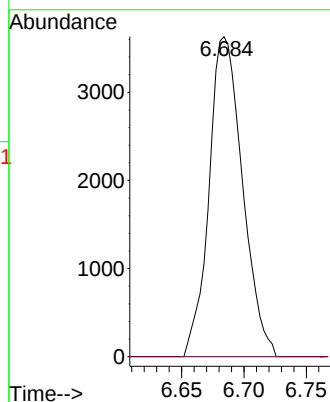
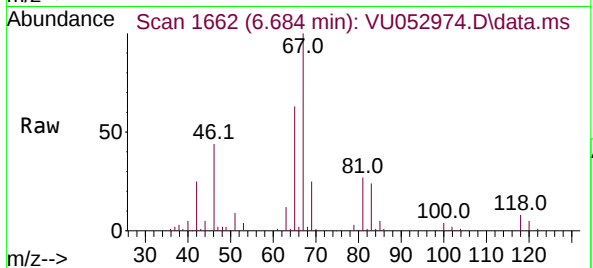




#37
1,2-Dichloropropane
Concen: 0.482 ug/L
RT: 6.684 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU052974.D
Acq: 06 Feb 2023 12:39

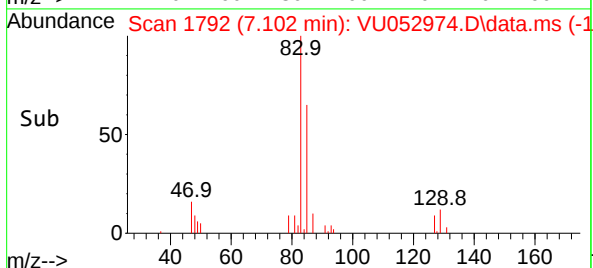
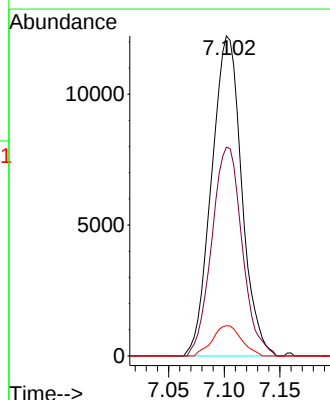
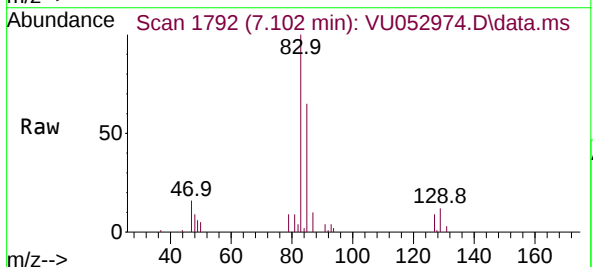
Instrument :
MSVOA_U
ClientSampleId :
C0B73

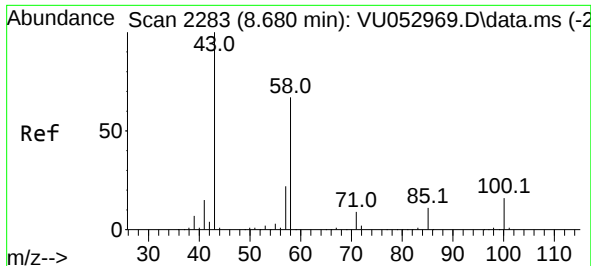
Tgt Ion: 63 Resp: 6800
Ion Ratio Lower Upper
63 100
112 0.0 2.9 4.3#



#38
Bromodichloromethane
Concen: 1.385 ug/L
RT: 7.102 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VU052974.D
Acq: 06 Feb 2023 12:39

Tgt Ion: 83 Resp: 22983
Ion Ratio Lower Upper
83 100
85 65.2 47.0 87.4
127 9.4 6.9 10.3

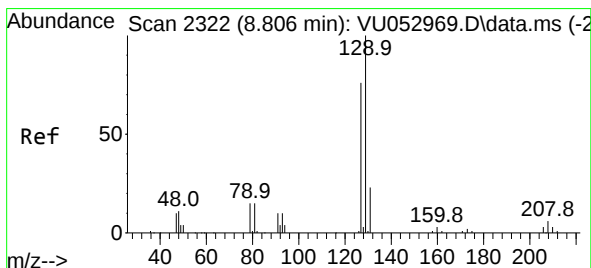
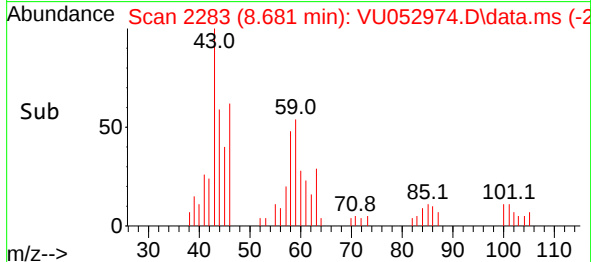
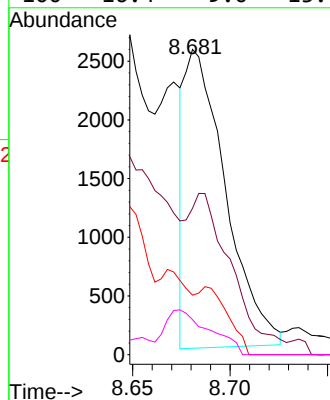
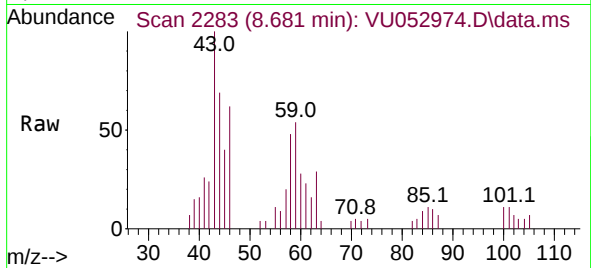




#48
2-Hexanone
Concen: 0.625 ug/L
RT: 8.681 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU052974.D
Acq: 06 Feb 2023 12:39

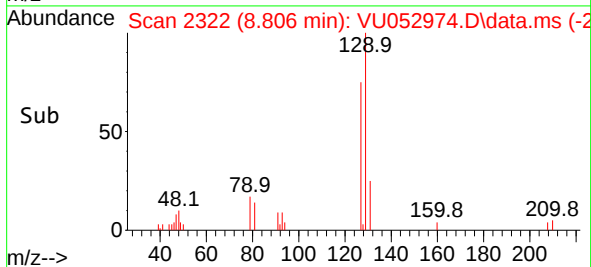
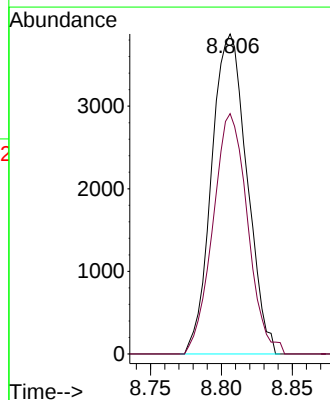
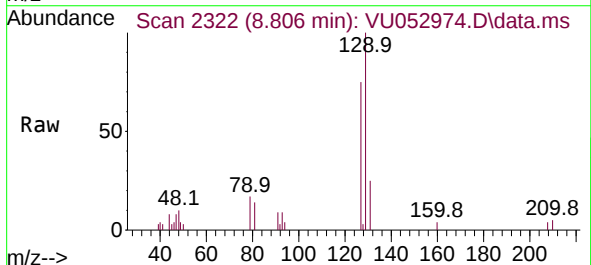
Instrument :
MSVOA_U
ClientSampleId :
C0B73

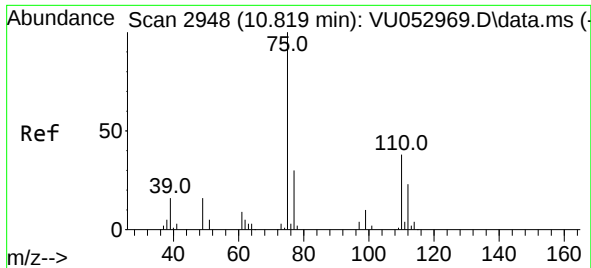
Tgt Ion: 43 Resp: 3690
Ion Ratio Lower Upper
43 100
58 46.8 45.1 67.7
57 4.5 15.1 22.7#
100 16.4 9.0 13.4#



#49
Dibromochloromethane
Concen: 0.655 ug/L
RT: 8.806 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VU052974.D
Acq: 06 Feb 2023 12:39

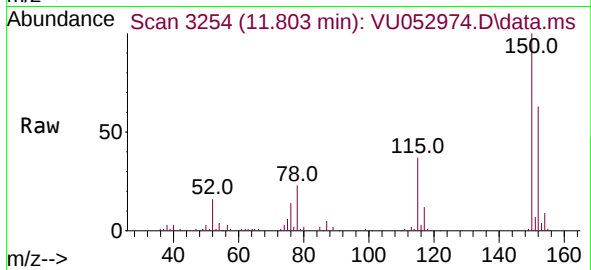
Tgt Ion: 129 Resp: 6717
Ion Ratio Lower Upper
129 100
127 75.1 53.5 99.5





#61
 1,2,3-Trichloropropane
 Concen: 0.763 ug/L
 RT: 11.803 min Scan# 31
 Delta R.T. 0.984 min
 Lab File: VU052974.D
 Acq: 06 Feb 2023 12:39

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B73



Tgt Ion: 75 Resp: 5026
 Ion Ratio Lower Upper
 75 100
 110 1.9 27.2 40.8#
 77 34.4 24.0 36.0

