

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072522\
 Data File : VU049883.D
 Acq On : 25 Jul 2022 22:34
 Operator : SY/MD
 Sample : N3879-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBUG2

Quant Time: Jul 26 06:47:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jul 26 06:46:04 2022
 Response via : Initial Calibration

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

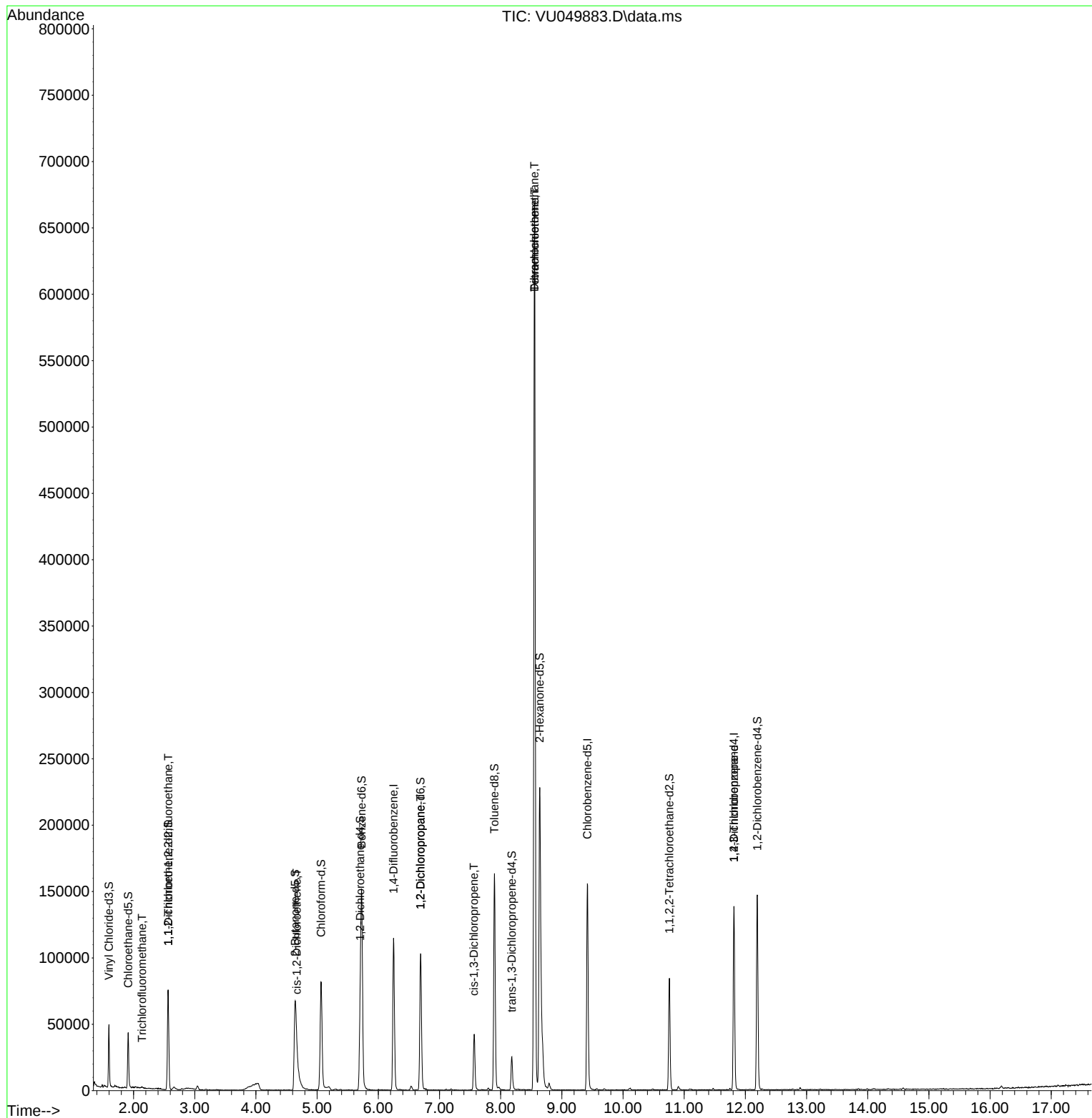
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	84847	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	83851	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	35744	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	32189	4.686	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	93.800%	
7) Chloroethane-d5	1.912	69	28407	4.941	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	98.800%	
11) 1,1-Dichloroethene-d2	2.565	65	13706	4.470	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	89.400%	
20) 2-Butanone-d5	4.642	46	133462	53.999	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	108.000%	
24) Chloroform-d	5.063	84	74698	4.883	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.600%	
26) 1,2-Dichloroethane-d4	5.703	65	43819	4.884	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	97.600%	
32) Benzene-d6	5.729	84	132053	4.622	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.400%	
36) 1,2-Dichloropropane-d6	6.690	67	48507	4.914	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	98.200%	
41) Toluene-d8	7.896	98	106486	4.264	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	85.200%	
43) trans-1,3-Dichloroprop...	8.182	79	14573	4.066	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	81.400%	
46) 2-Hexanone-d5	8.639	63	68859	48.488	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	96.980%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	41634	5.023	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	100.400%	
66) 1,2-Dichlorobenzene-d4	12.195	152	37955	5.144	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	102.800%	
Target Compounds						
					Qvalue	
9) Trichlorofluoromethane	2.138	101	476	0.042	ug/L #	63
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	571	0.103	ug/L #	21
22) cis-1,2-Dichloroethene	4.668	96	873	0.116	ug/L	79
37) 1,2-Dichloropropane	6.690	63	5755	0.664	ug/L #	89
39) cis-1,3-Dichloropropene	7.562	75	1209	0.106	ug/L	86
47) Tetrachloroethene	8.555	164	140746	27.715	ug/L	99
49) Dibromochloromethane	8.552	129	139322	20.140	ug/L #	14
61) 1,2,3-Trichloropropane	11.812	75	5232	1.099	ug/L #	64

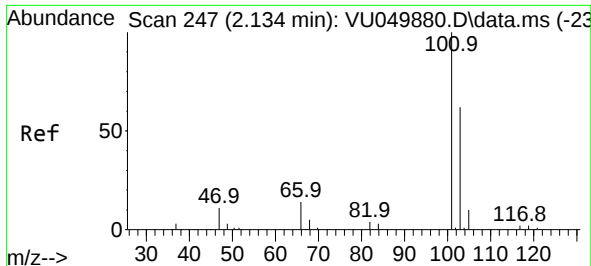
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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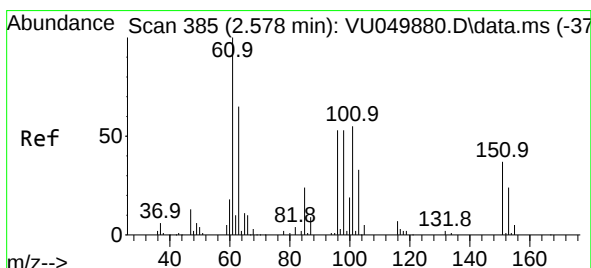
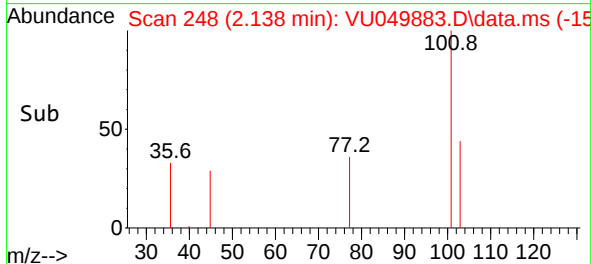
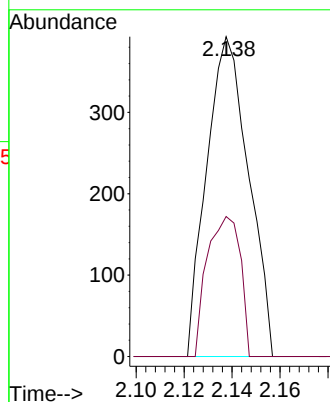
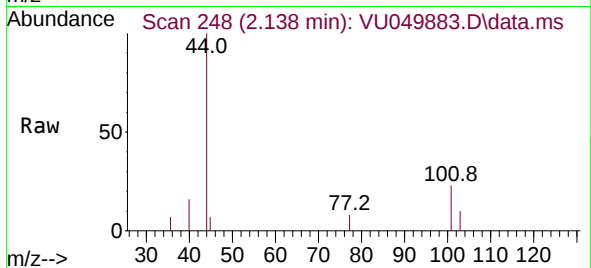




#9
 Trichlorofluoromethane
 Concen: 0.042 ug/L
 RT: 2.138 min Scan# 247
 Delta R.T. 0.003 min
 Lab File: VU049883.D
 Acq: 25 Jul 2022 22:34

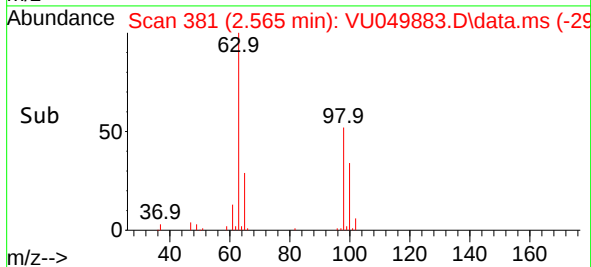
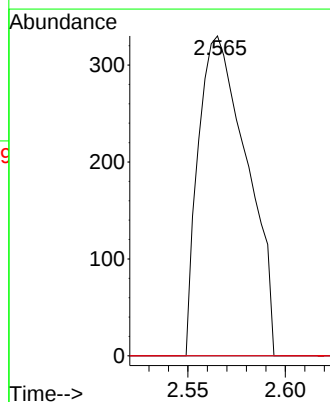
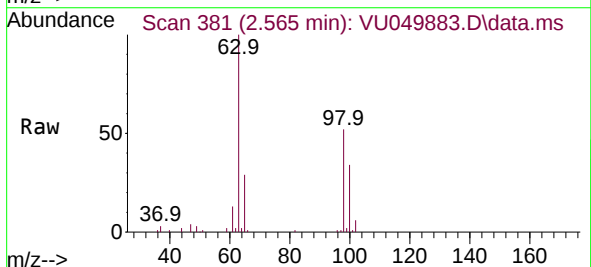
Instrument :
 MSVOA_U
 ClientSampleId :
 DBUG2

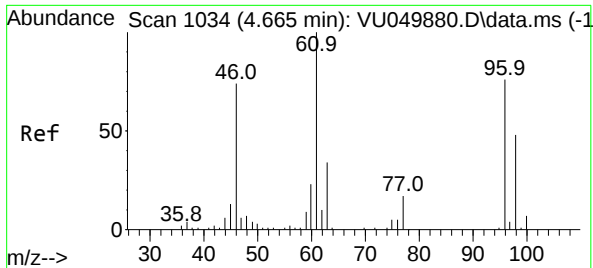
Tgt Ion:101 Resp: 476
 Ion Ratio Lower Upper
 101 100
 103 34.5 50.8 76.2#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.103 ug/L
 RT: 2.565 min Scan# 381
 Delta R.T. -0.013 min
 Lab File: VU049883.D
 Acq: 25 Jul 2022 22:34

Tgt Ion:101 Resp: 571
 Ion Ratio Lower Upper
 101 100
 85 0.0 37.2 55.8#
 151 0.0 56.0 84.0#

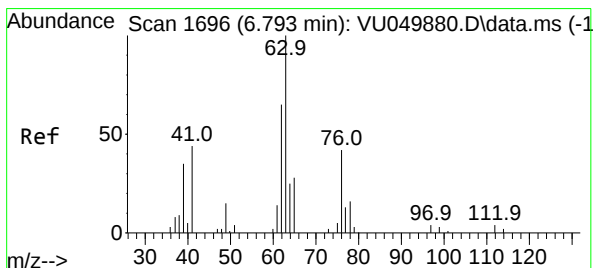
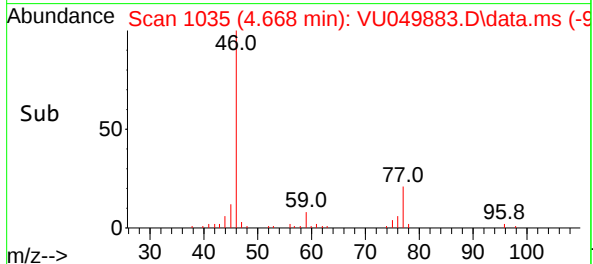
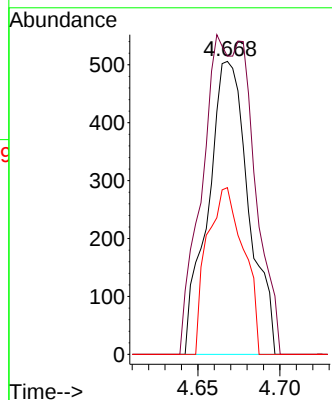
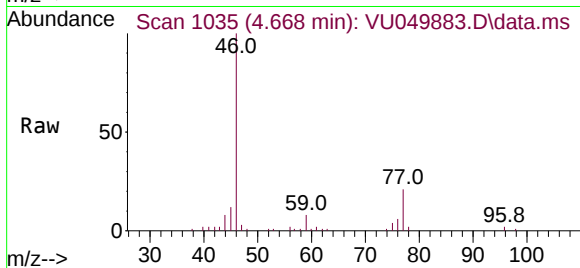




#22
 cis-1,2-Dichloroethene
 Concen: 0.116 ug/L
 RT: 4.668 min Scan# 1035
 Delta R.T. 0.003 min
 Lab File: VU049883.D
 Acq: 25 Jul 2022 22:34

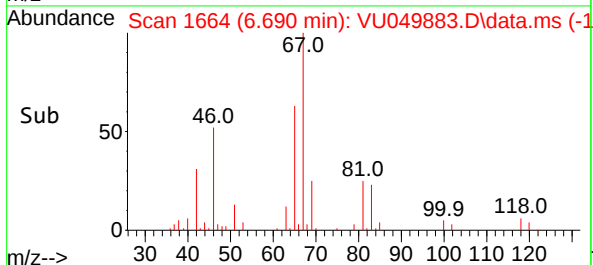
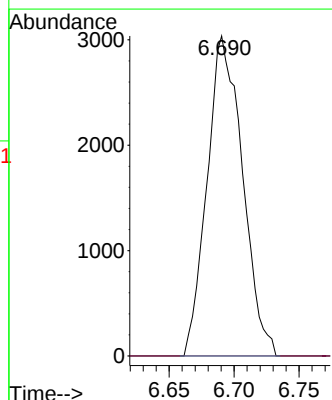
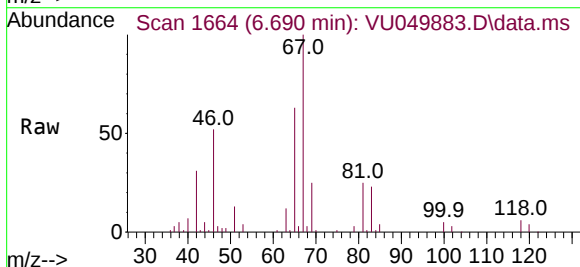
Instrument :
 MSVOA_U
 ClientSampleId :
 DBUG2

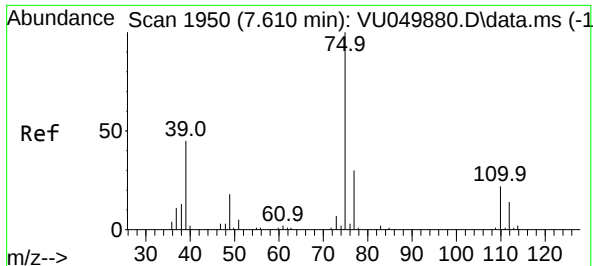
Tgt Ion: 96 Resp: 873
 Ion Ratio Lower Upper
 96 100
 61 101.8 93.9 174.3
 98 56.9 43.9 81.5



#37
 1,2-Dichloropropane
 Concen: 0.664 ug/L
 RT: 6.690 min Scan# 1664
 Delta R.T. -0.103 min
 Lab File: VU049883.D
 Acq: 25 Jul 2022 22:34

Tgt Ion: 63 Resp: 5755
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.8 4.2#

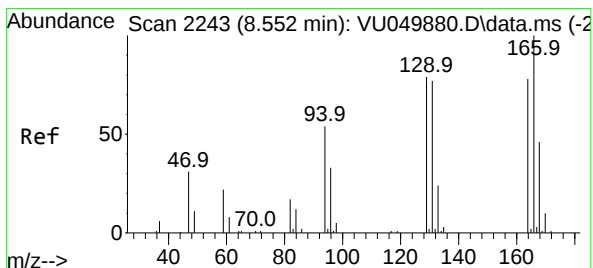
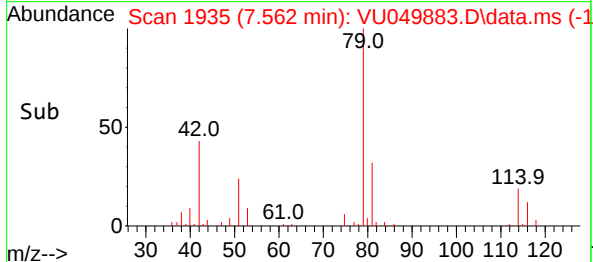
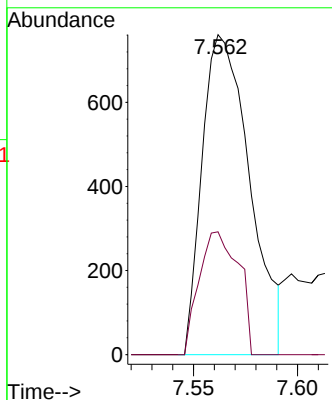
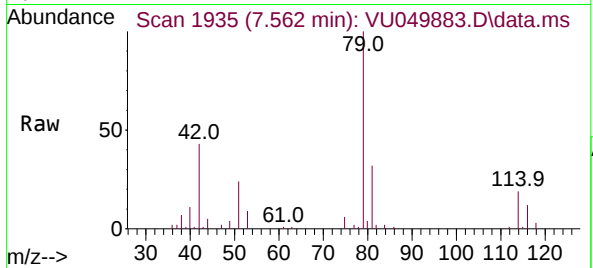




#39
cis-1,3-Dichloropropene
Concen: 0.106 ug/L
RT: 7.562 min Scan# 1950
Delta R.T. -0.048 min
Lab File: VU049883.D
Acq: 25 Jul 2022 22:34

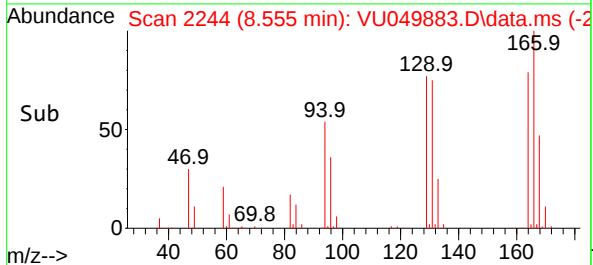
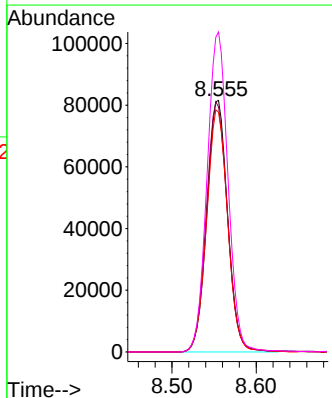
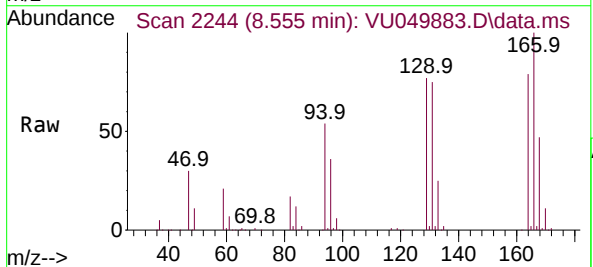
Instrument :
MSVOA_U
ClientSampleId :
DBUG2

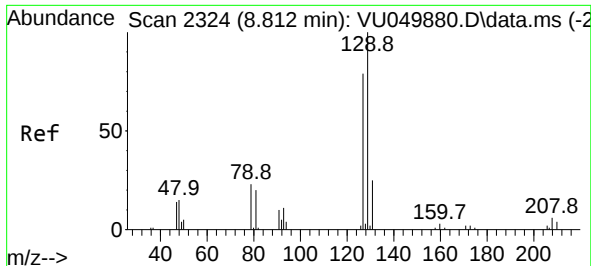
Tgt Ion: 75 Resp: 1209
Ion Ratio Lower Upper
75 100
77 38.4 21.6 40.0



#47
Tetrachloroethene
Concen: 27.715 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.003 min
Lab File: VU049883.D
Acq: 25 Jul 2022 22:34

Tgt Ion:164 Resp: 140746
Ion Ratio Lower Upper
164 100
129 97.5 68.9 127.9
131 95.3 67.5 125.4
166 127.2 89.2 165.8





#49

Dibromochloromethane

Concen: 20.140 ug/L

RT: 8.552 min Scan# 21

Delta R.T. -0.260 min

Lab File: VU049883.D

Acq: 25 Jul 2022 22:34

Instrument :

MSVOA_U

ClientSampleId :

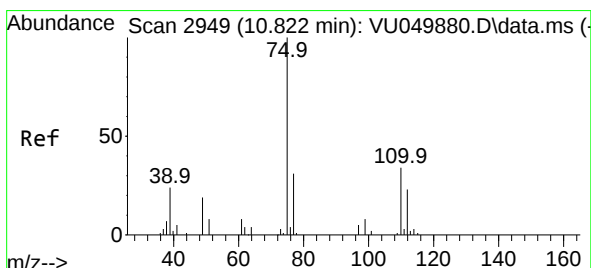
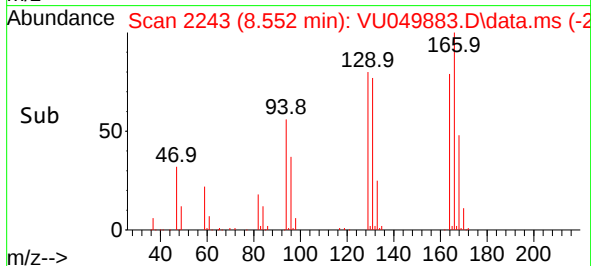
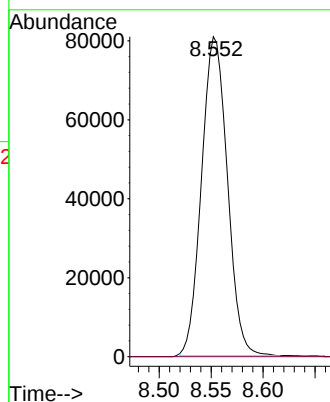
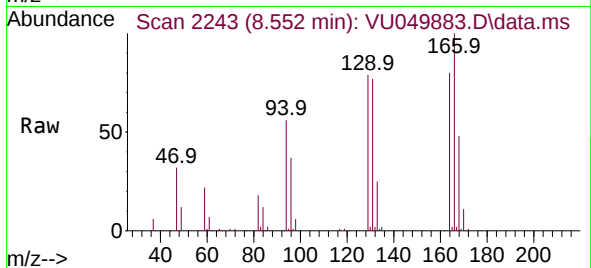
DBUG2

Tgt Ion:129 Resp: 139322

Ion Ratio Lower Upper

129 100

127 0.0 50.5 93.7#



#61

1,2,3-Trichloropropane

Concen: 1.099 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.990 min

Lab File: VU049883.D

Acq: 25 Jul 2022 22:34

Tgt Ion: 75 Resp: 5232

Ion Ratio Lower Upper

75 100

110 0.9 28.0 42.0#

77 25.7 25.4 38.2

