

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051822\
 Data File : VU048612.D
 Acq On : 18 May 2022 14:34
 Operator : SY/MD
 Sample : N2849-08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXXX3

Quant Time: May 19 06:03:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051622WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 19 06:01:59 2022
 Response via : Initial Calibration

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

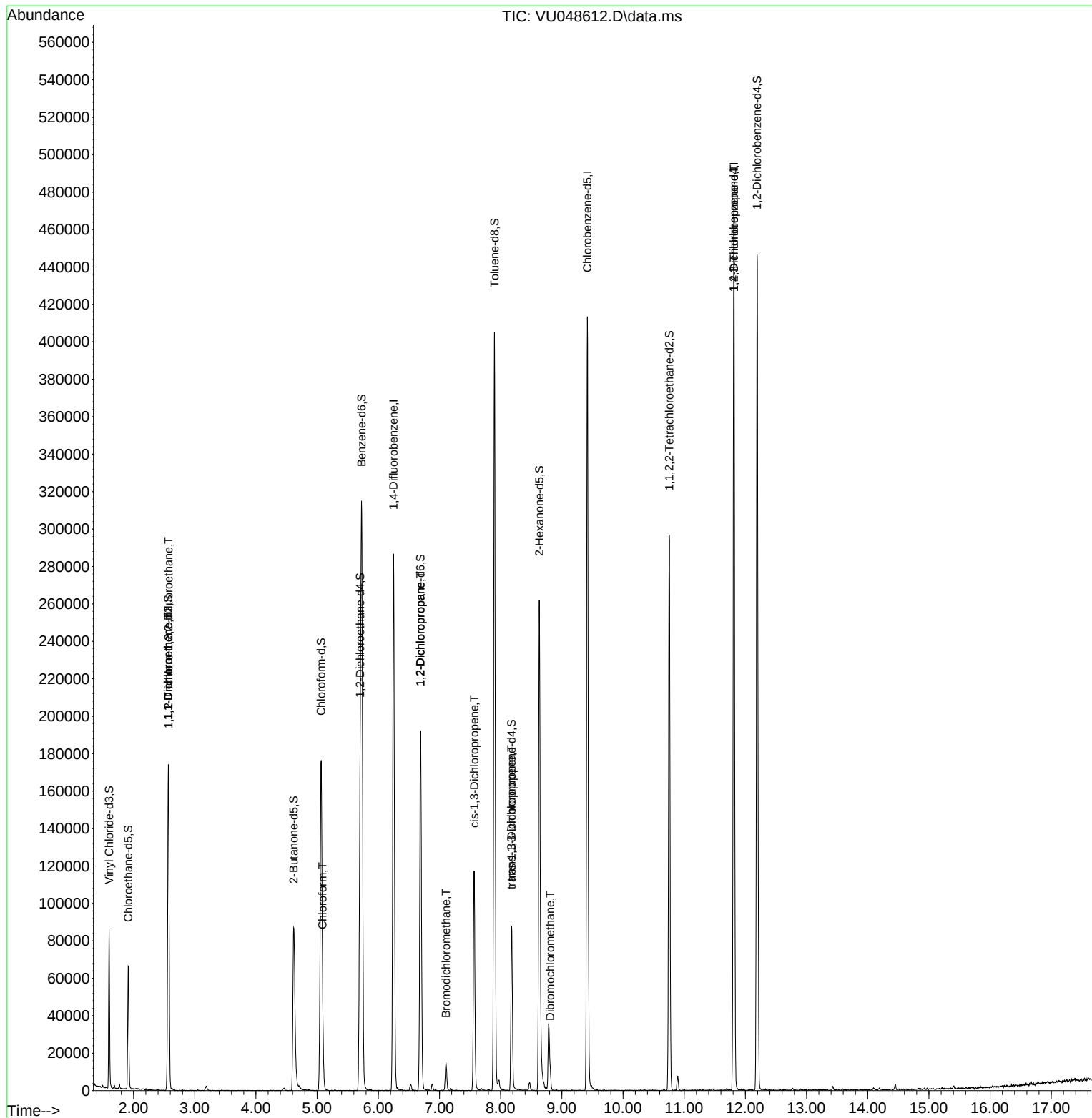
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	231148	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	231440	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	128667	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	55672	39.323	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	78.640%		
7) Chloroethane-d5	1.912	69	46436	43.780	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	87.560%		
11) 1,1-Dichloroethene-d2	2.568	63	103124	32.208	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	64.420%		
21) 2-Butanone-d5	4.617	46	122457	90.892	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	90.890%		
24) Chloroform-d	5.067	84	162222	45.344	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.680%		
26) 1,2-Dichloroethane-d4	5.703	65	115540	45.777	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.560%		
32) Benzene-d6	5.729	84	289274	44.910	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.820%		
36) 1,2-Dichloropropane-d6	6.690	67	81533	43.118	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	86.240%		
41) Toluene-d8	7.899	98	270764	44.691	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.380%		
43) trans-1,3-Dichloroprop...	8.179	79	50507	41.770	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	83.540%		
47) 2-Hexanone-d5	8.632	63	86457	83.372	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	83.370%		
56) 1,1,2,2-Tetrachloroeth...	10.755	84	134173	42.881	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	85.760%		
66) 1,2-Dichlorobenzene-d4	12.192	152	121276	46.107	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.220%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	905	0.558	ug/L #	17
12) 1,1-Dichloroethene	2.568	96	807	0.537	ug/L #	1
25) Chloroform	5.089	83	18761	5.412	ug/L	100
37) 1,2-Dichloropropane	6.690	63	10034	5.935	ug/L #	86
38) Bromodichloromethane	7.105	83	10271	3.755	ug/L	96
39) cis-1,3-Dichloropropene	7.568	75	2923	1.013	ug/L #	52
44) trans-1,3-Dichloropropene	8.176	75	2228	0.732	ug/L	95
49) Dibromochloromethane	8.809	129	4705	2.021	ug/L	89
60) 1,2,3-Trichloropropane	11.812	75	11899	4.663	ug/L #	62

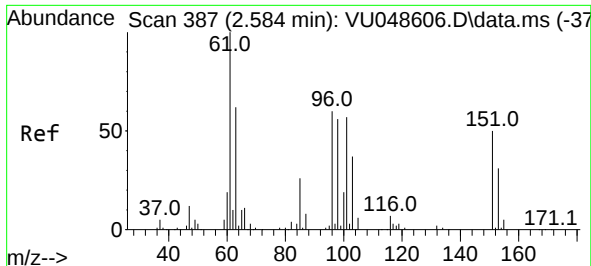
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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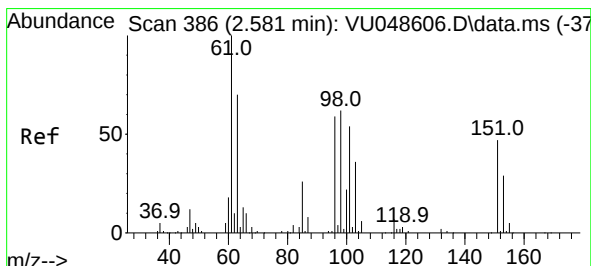
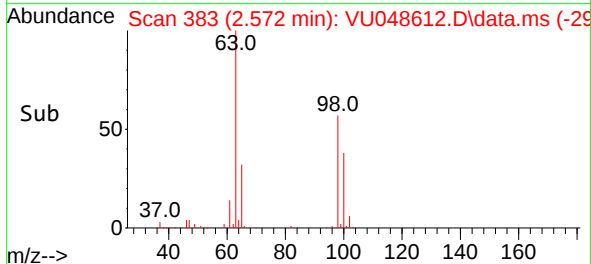
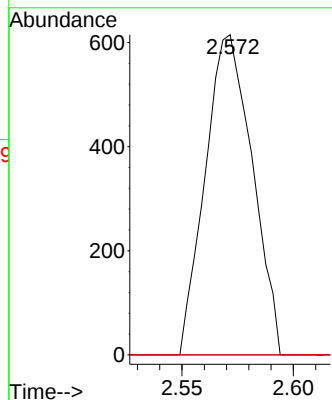
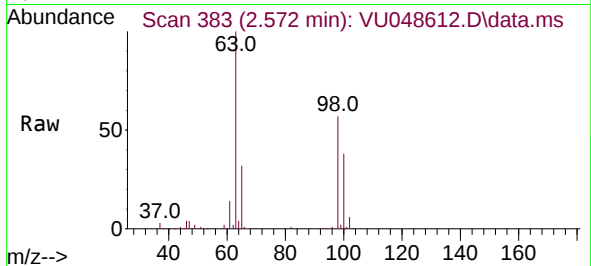




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.558 ug/L
RT: 2.572 min Scan# 383
Delta R.T. -0.013 min
Lab File: VU048612.D
Acq: 18 May 2022 14:34

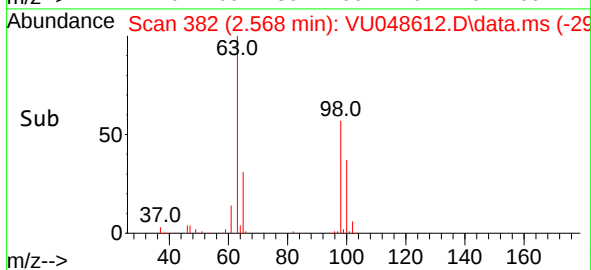
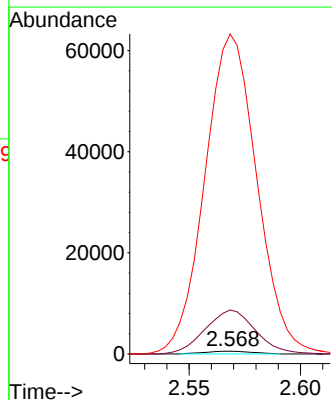
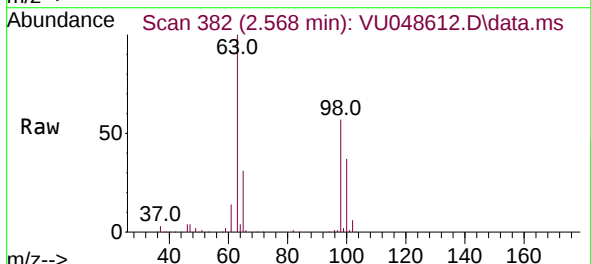
Instrument :
MSVOA_U
ClientSampleId :
EXXX3

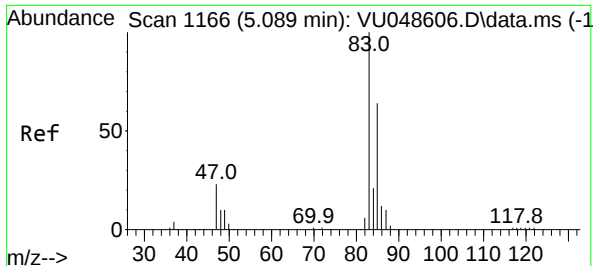
Tgt Ion:101 Resp: 905
Ion Ratio Lower Upper
101 100
85 0.0 35.7 53.5#
151 0.0 64.4 96.6#



#12
1,1-Dichloroethene
Concen: 0.537 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.013 min
Lab File: VU048612.D
Acq: 18 May 2022 14:34

Tgt Ion: 96 Resp: 807
Ion Ratio Lower Upper
96 100
61 1598.0 120.6 224.0#
63 11633.8 82.3 152.9#





#25

Chloroform

Concen: 5.412 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. 0.000 min

Lab File: VU048612.D

Acq: 18 May 2022 14:34

Instrument :

MSVOA_U

ClientSampleId :

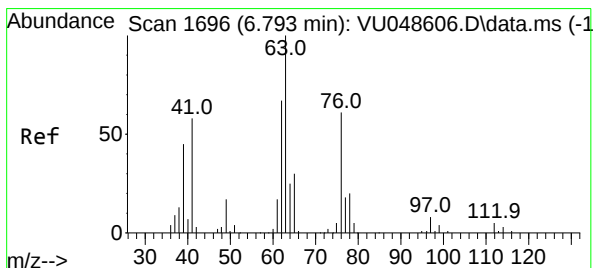
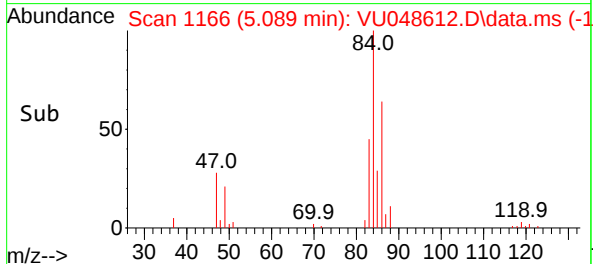
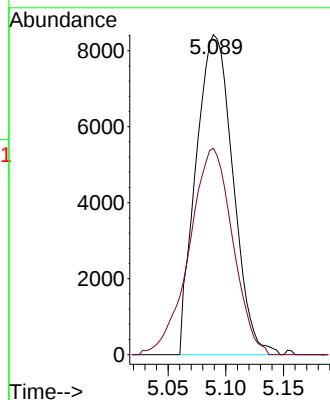
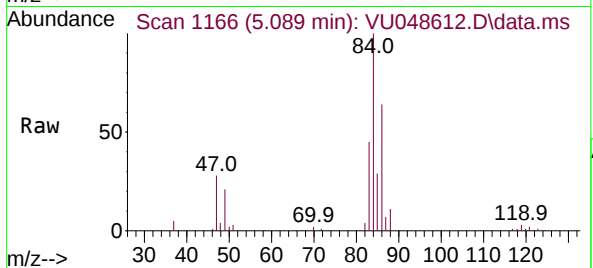
EXXX3

Tgt Ion: 83 Resp: 18761

Ion Ratio Lower Upper

83 100

85 64.5 45.1 83.7



#37

1,2-Dichloropropane

Concen: 5.935 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.103 min

Lab File: VU048612.D

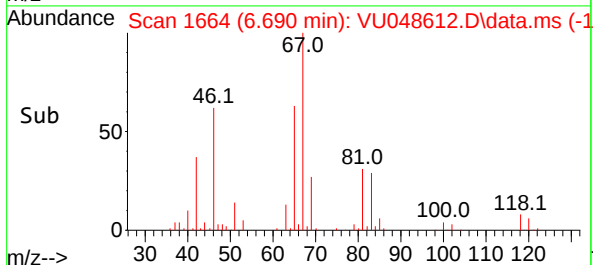
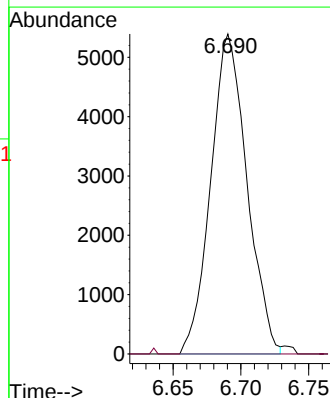
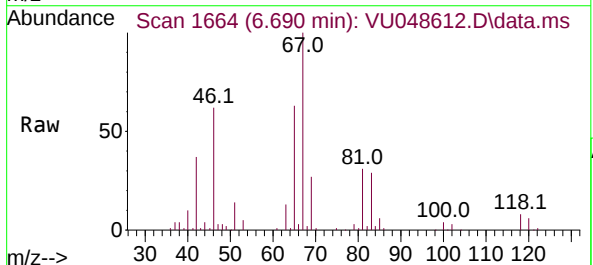
Acq: 18 May 2022 14:34

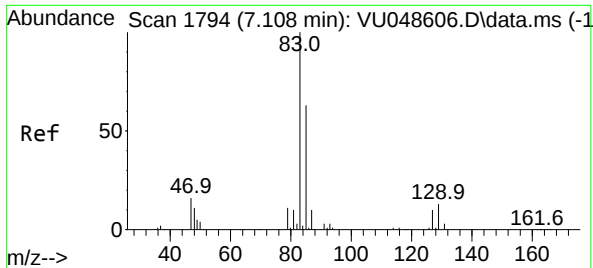
Tgt Ion: 63 Resp: 10034

Ion Ratio Lower Upper

63 100

112 0.0 3.7 5.5#

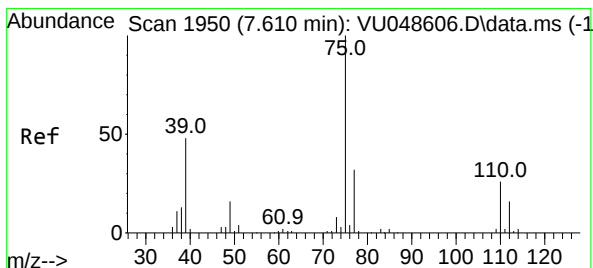
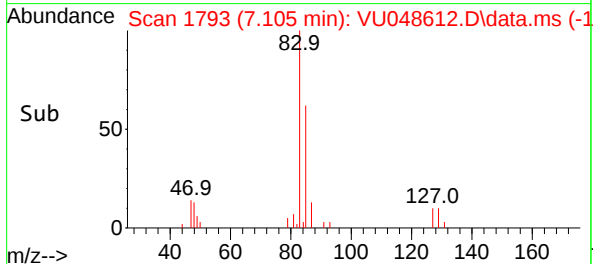
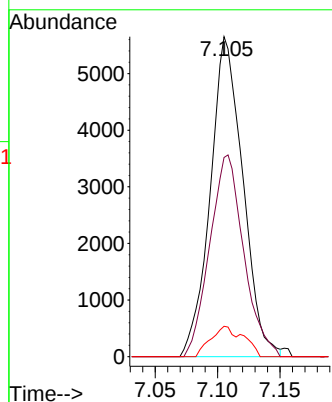
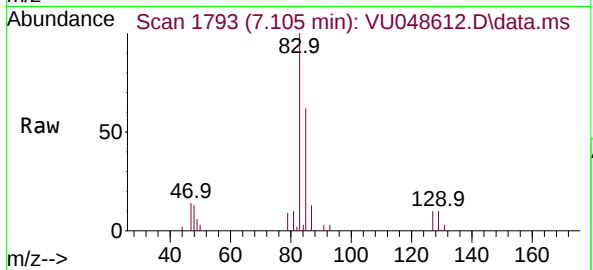




#38
Bromodichloromethane
Concen: 3.755 ug/L
RT: 7.105 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048612.D
Acq: 18 May 2022 14:34

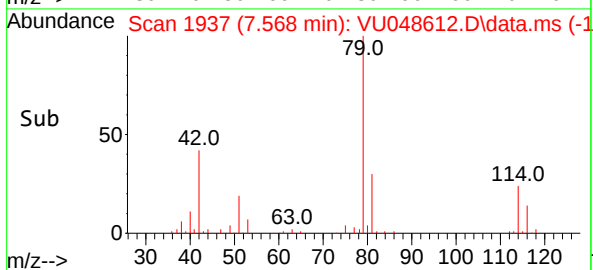
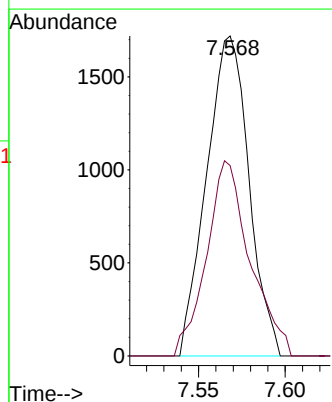
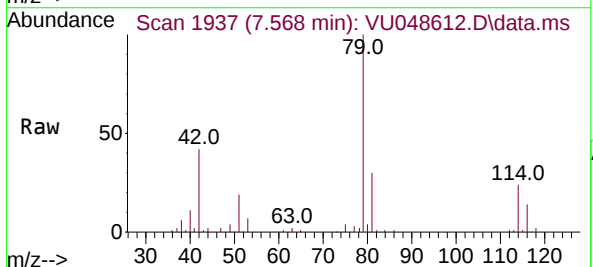
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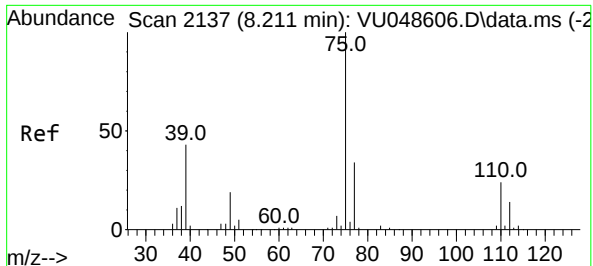
Tgt Ion: 83 Resp: 10271
Ion Ratio Lower Upper
83 100
85 62.2 46.1 85.5
127 9.5 7.8 11.6



#39
cis-1,3-Dichloropropene
Concen: 1.013 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.042 min
Lab File: VU048612.D
Acq: 18 May 2022 14:34

Tgt Ion: 75 Resp: 2923
Ion Ratio Lower Upper
75 100
77 59.5 22.9 42.5#

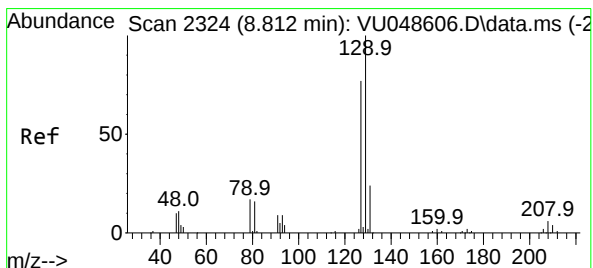
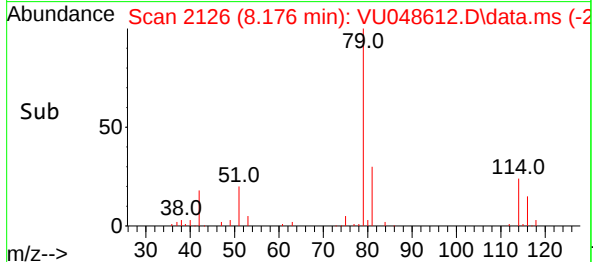
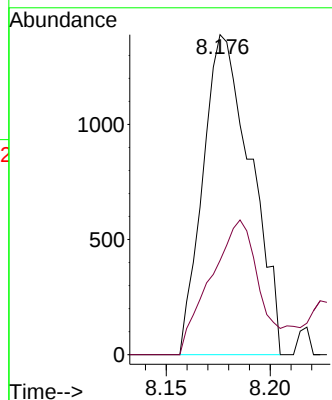
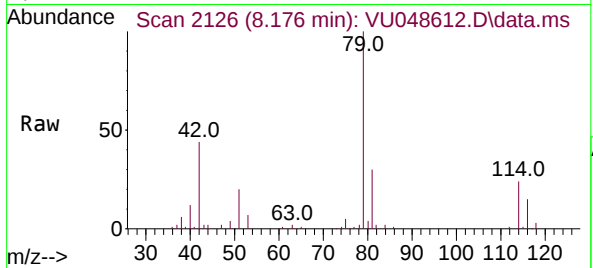




#44
trans-1,3-Dichloropropene
Concen: 0.732 ug/L
RT: 8.176 min Scan# 2137
Delta R.T. -0.035 min
Lab File: VU048612.D
Acq: 18 May 2022 14:34

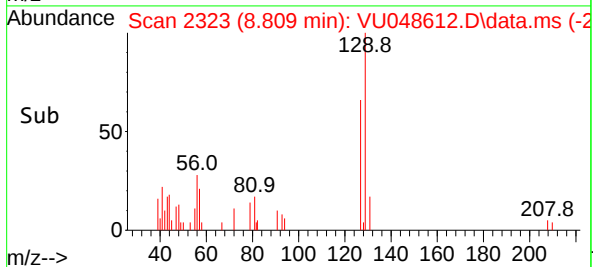
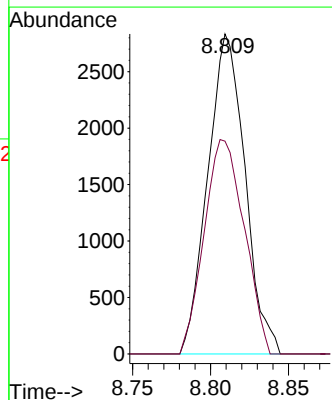
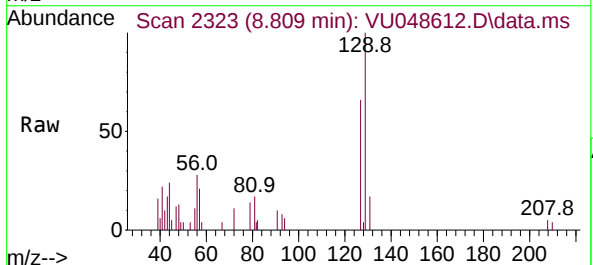
Instrument :
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ClientSampleId :
EXXX3

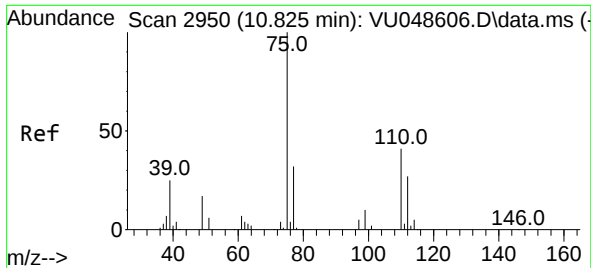
Tgt Ion: 75 Resp: 2228
Ion Ratio Lower Upper
75 100
77 29.4 22.7 42.1



#49
Dibromochloromethane
Concen: 2.021 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VU048612.D
Acq: 18 May 2022 14:34

Tgt Ion: 129 Resp: 4705
Ion Ratio Lower Upper
129 100
127 66.5 53.1 98.5





#60
 1,2,3-Trichloropropane
 Concen: 4.663 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU048612.D
 Acq: 18 May 2022 14:34

Instrument :
 MSVOA_U
 ClientSampleId :
 EXXX3

Tgt Ion: 75 Resp: 11899
 Ion Ratio Lower Upper
 75 100
 77 36.4 25.4 38.0
 110 2.3 32.1 48.1#

