

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051622\
 Data File : VU048589.D
 Acq On : 16 May 2022 18:47
 Operator : SY/MD
 Sample : N2849-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXXW6

Quant Time: May 17 07:01:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051622WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 17 06:52:50 2022
 Response via : Initial Calibration

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

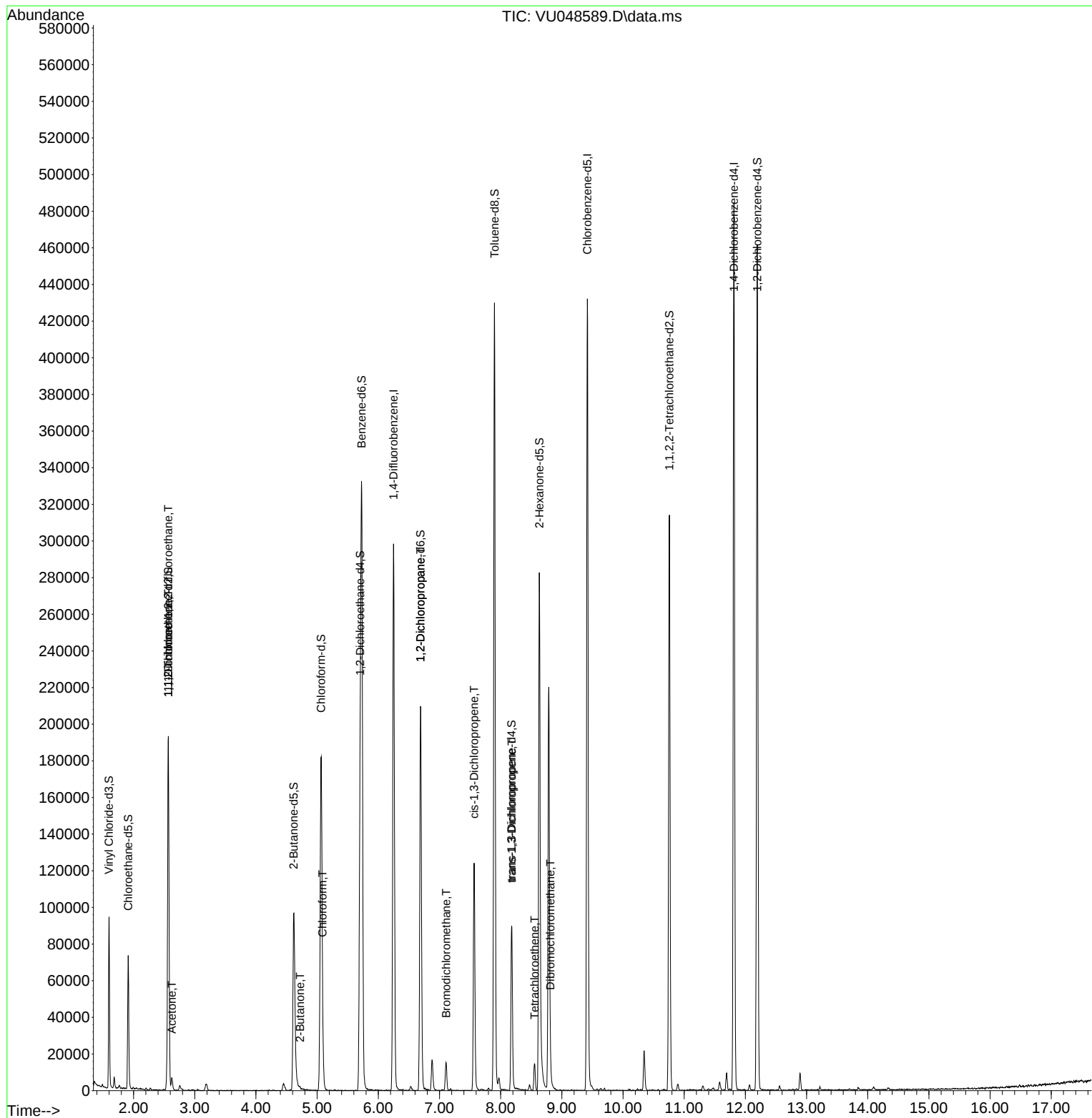
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	242417	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	245488	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	130437	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	63382	42.688	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	85.380%		
7) Chloroethane-d5	1.913	69	50596	45.484	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	90.960%		
11) 1,1-Dichloroethene-d2	2.568	63	114571	34.120	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	68.240%		
21) 2-Butanone-d5	4.617	46	129826	91.882	ug/L	-0.01
Spiked Amount 100.000	Range 40 - 130		Recovery =	91.880%		
24) Chloroform-d	5.067	84	169205	45.097	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.200%		
26) 1,2-Dichloroethane-d4	5.703	65	127152	48.036	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.080%		
32) Benzene-d6	5.729	84	304159	44.519	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.040%		
36) 1,2-Dichloropropane-d6	6.690	67	90722	45.232	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	90.460%		
41) Toluene-d8	7.899	98	283033	44.043	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.080%		
43) trans-1,3-Dichloroprop...	8.179	79	52580	40.996	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	82.000%		
47) 2-Hexanone-d5	8.632	63	94008	85.465	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	85.470%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	142396	42.905	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	85.800%		
66) 1,2-Dichlorobenzene-d4	12.195	152	123532	46.327	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.660%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	743	0.437	ug/L #	17
12) 1,1-Dichloroethene	2.565	96	911	0.578	ug/L #	1
13) Acetone	2.626	43	7544	6.572	ug/L	75
22) 2-Butanone	4.719	43	1564	1.073	ug/L #	58
25) Chloroform	5.089	83	15078	4.148	ug/L	99
37) 1,2-Dichloropropane	6.690	63	11753	6.554	ug/L #	86
38) Bromodichloromethane	7.108	83	10600	3.653	ug/L	92
39) cis-1,3-Dichloropropene	7.565	75	3431	1.121	ug/L #	63
44) trans-1,3-Dichloropropene	8.182	75	2522	0.781	ug/L	98
46) Tetrachloroethene	8.555	164	3575	2.159	ug/L	92
49) Dibromochloromethane	8.813	129	5042	2.042	ug/L	93

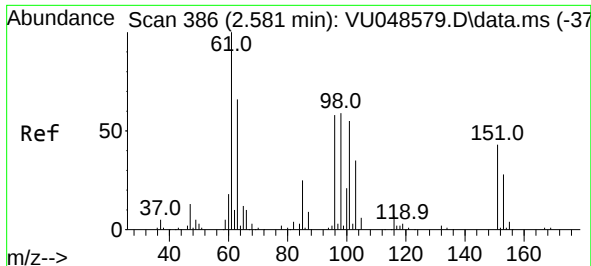
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.437 ug/L

RT: 2.565 min Scan# 381

Delta R.T. -0.016 min

Lab File: VU048589.D

Acq: 16 May 2022 18:47

Instrument :

MSVOA_U

ClientSampleId :

EXXW6

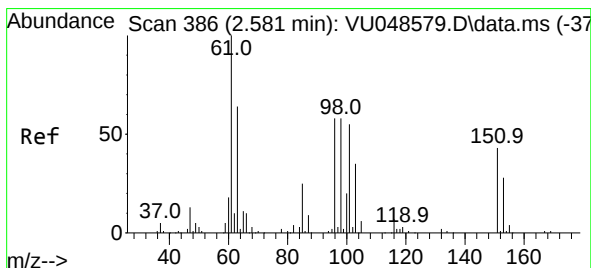
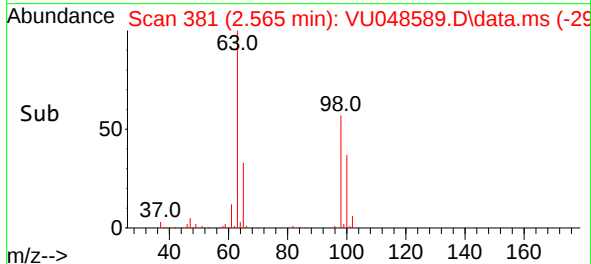
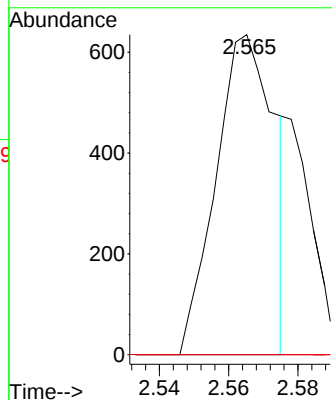
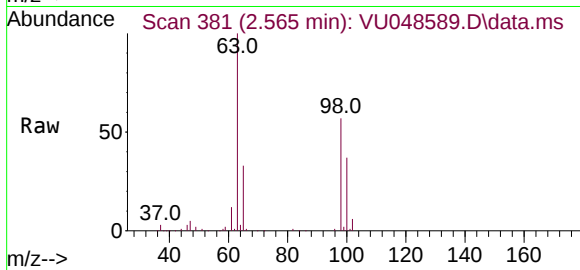
Tgt Ion:101 Resp: 743

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: 0.578 ug/L

RT: 2.565 min Scan# 381

Delta R.T. -0.016 min

Lab File: VU048589.D

Acq: 16 May 2022 18:47

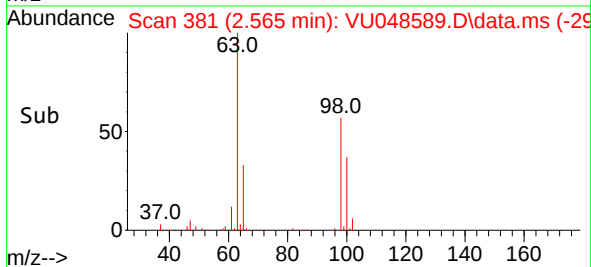
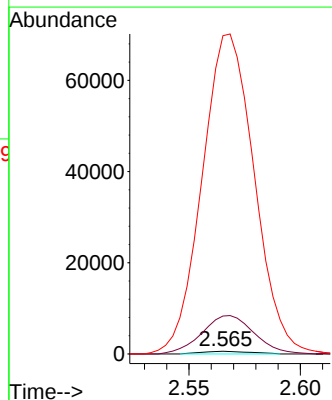
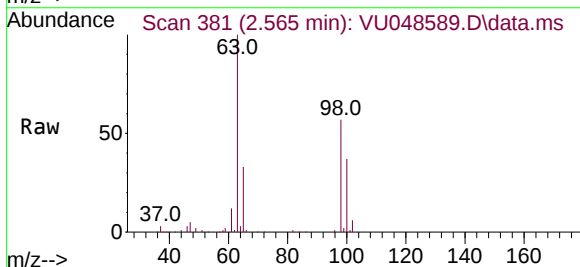
Tgt Ion: 96 Resp: 911

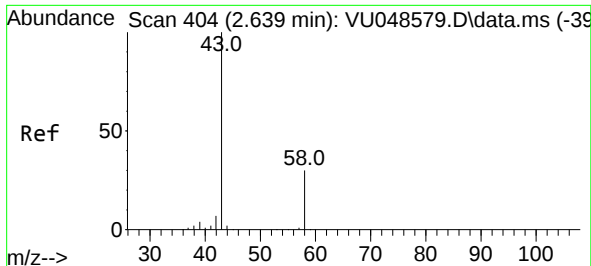
Ion Ratio Lower Upper

96 100

61 1416.0 120.6 224.0#

63 11889.6 82.3 152.9#





#13

Acetone

Concen: 6.572 ug/L

RT: 2.626 min Scan# 404

Delta R.T. -0.013 min

Lab File: VU048589.D

Acq: 16 May 2022 18:47

Instrument :

MSVOA_U

ClientSampleId :

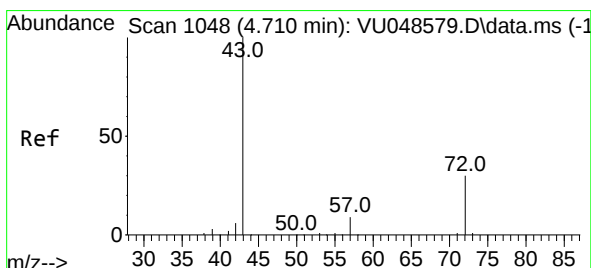
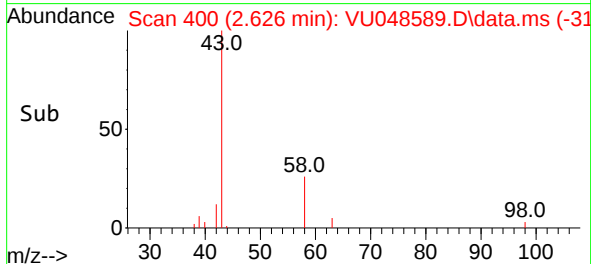
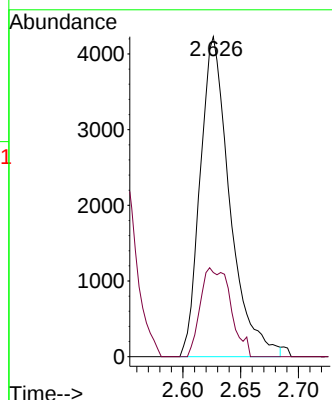
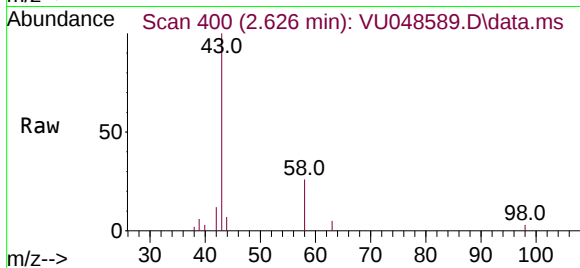
EXXW6

Tgt Ion: 43 Resp: 7544

Ion Ratio Lower Upper

43 100

58 16.1 0.0 59.8



#22

2-Butanone

Concen: 1.073 ug/L

RT: 4.719 min Scan# 1051

Delta R.T. 0.010 min

Lab File: VU048589.D

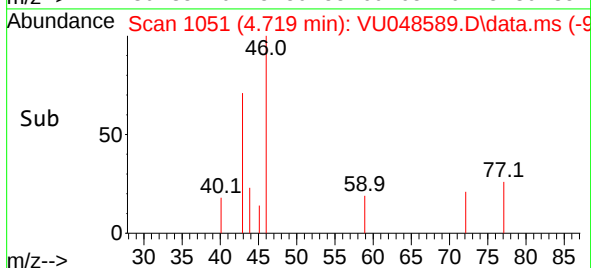
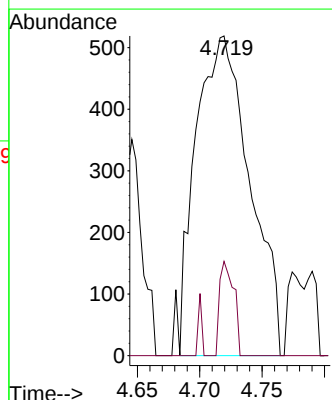
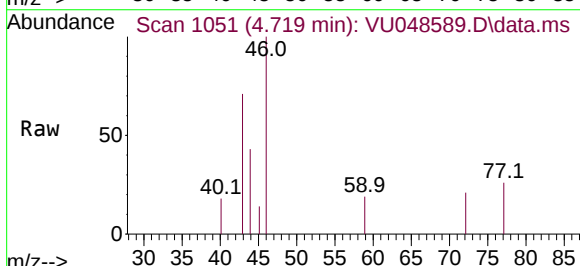
Acq: 16 May 2022 18:47

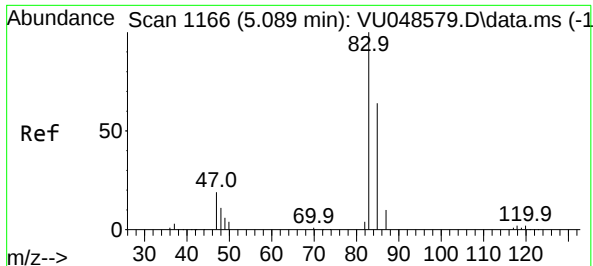
Tgt Ion: 43 Resp: 1564

Ion Ratio Lower Upper

43 100

72 7.7 15.4 46.2#

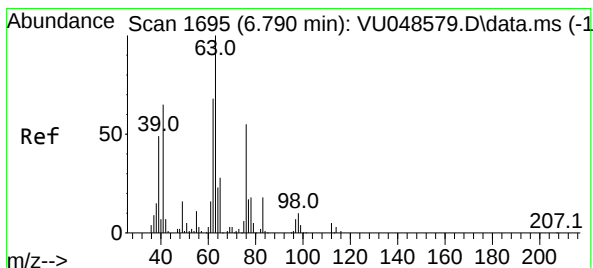
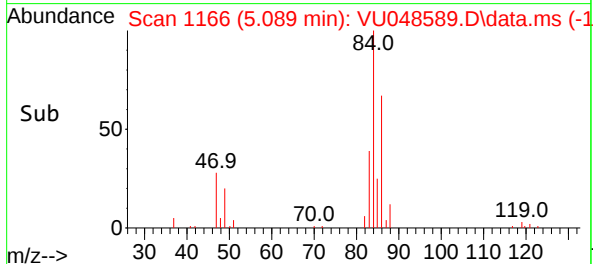
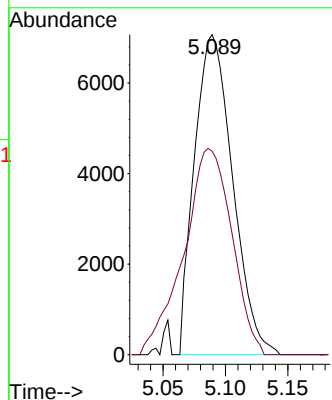
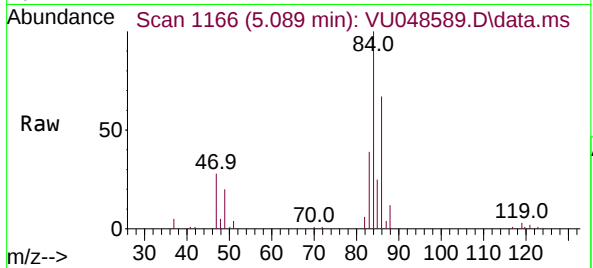




#25
Chloroform
Concen: 4.148 ug/L
RT: 5.089 min Scan# 1166
Delta R.T. 0.000 min
Lab File: VU048589.D
Acq: 16 May 2022 18:47

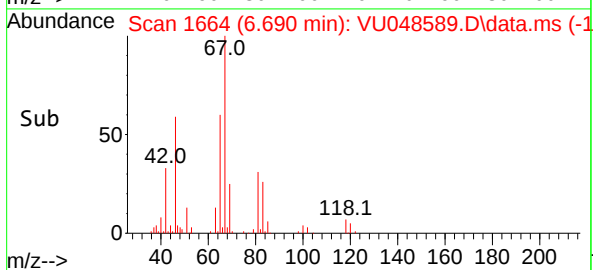
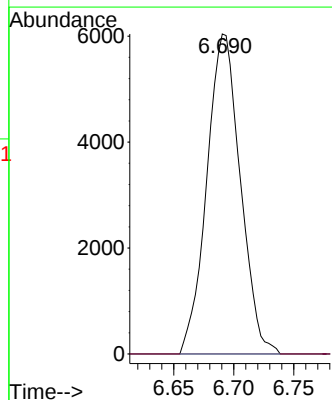
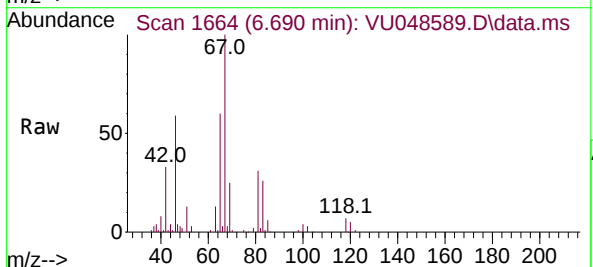
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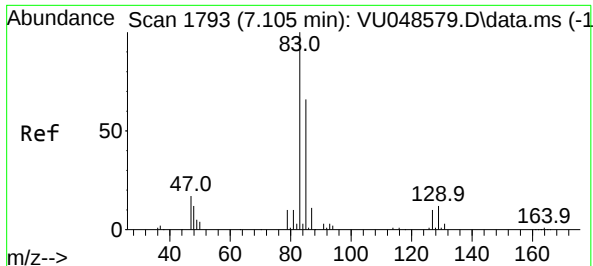
Tgt Ion: 83 Resp: 15078
Ion Ratio Lower Upper
83 100
85 63.6 45.1 83.7



#37
1,2-Dichloropropane
Concen: 6.554 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.100 min
Lab File: VU048589.D
Acq: 16 May 2022 18:47

Tgt Ion: 63 Resp: 11753
Ion Ratio Lower Upper
63 100
112 0.0 3.7 5.5#

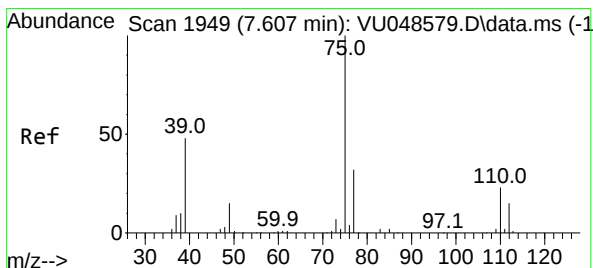
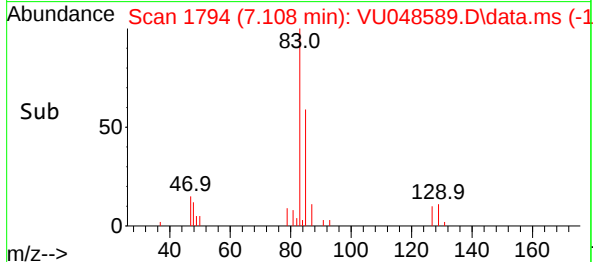
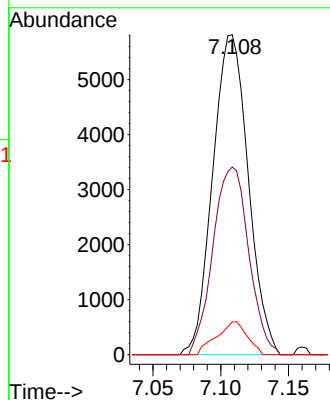
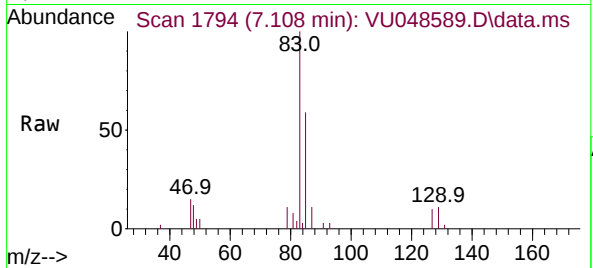




#38
Bromodichloromethane
Concen: 3.653 ug/L
RT: 7.108 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU048589.D
Acq: 16 May 2022 18:47

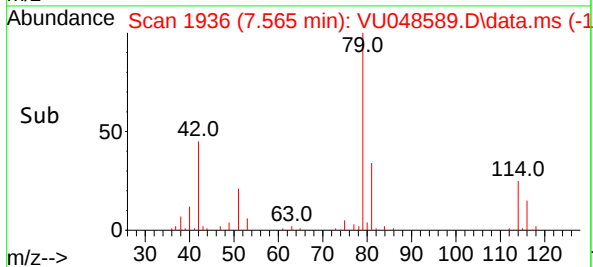
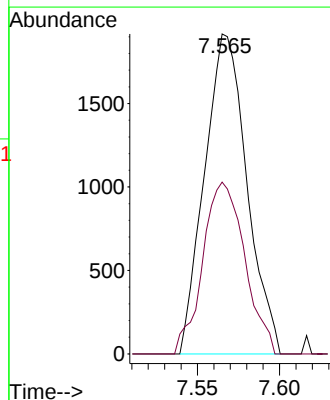
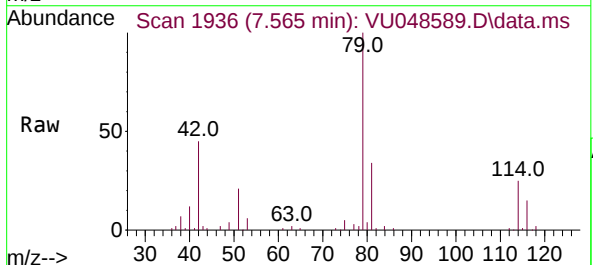
Instrument :
MSVOA_U
ClientSampleId :
EXXW6

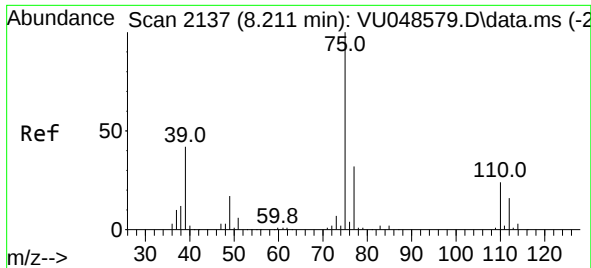
Tgt Ion: 83 Resp: 10600
Ion Ratio Lower Upper
83 100
85 58.6 46.1 85.5
127 10.2 7.8 11.6



#39
cis-1,3-Dichloropropene
Concen: 1.121 ug/L
RT: 7.565 min Scan# 1936
Delta R.T. -0.042 min
Lab File: VU048589.D
Acq: 16 May 2022 18:47

Tgt Ion: 75 Resp: 3431
Ion Ratio Lower Upper
75 100
77 53.7 22.9 42.5#

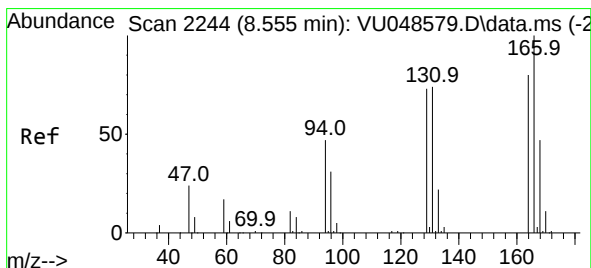
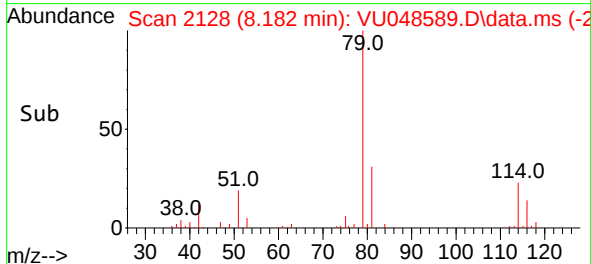
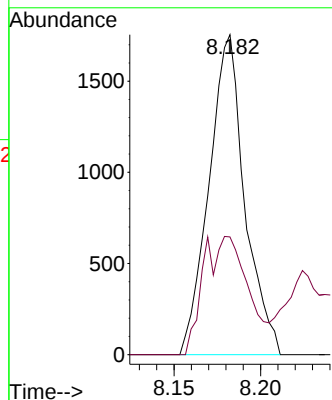
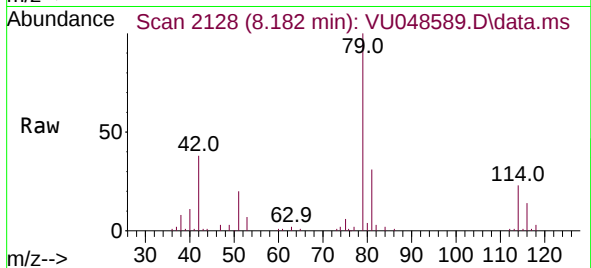




#44
trans-1,3-Dichloropropene
Concen: 0.781 ug/L
RT: 8.182 min Scan# 2137
Delta R.T. -0.029 min
Lab File: VU048589.D
Acq: 16 May 2022 18:47

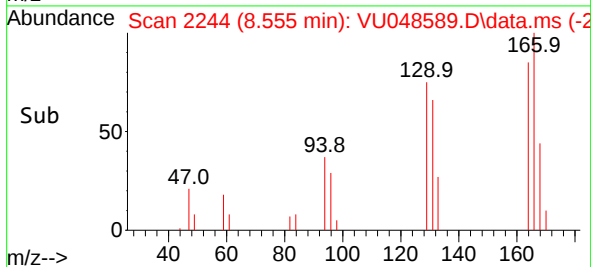
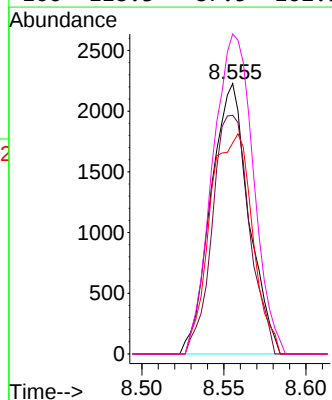
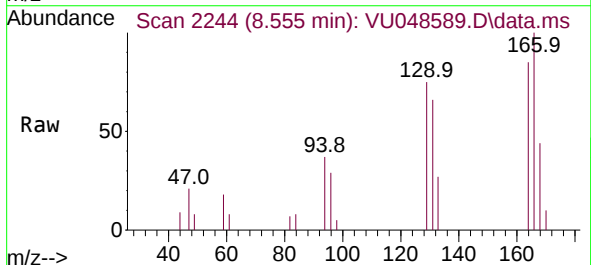
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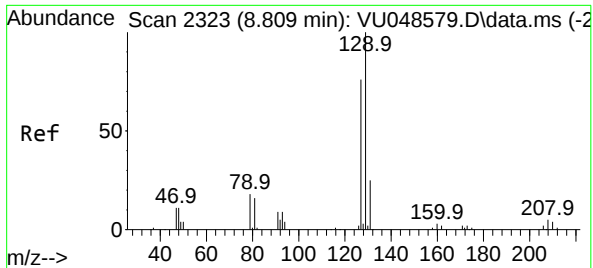
Tgt Ion: 75 Resp: 2522
Ion Ratio Lower Upper
75 100
77 33.7 22.7 42.1



#46
Tetrachloroethene
Concen: 2.159 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU048589.D
Acq: 16 May 2022 18:47

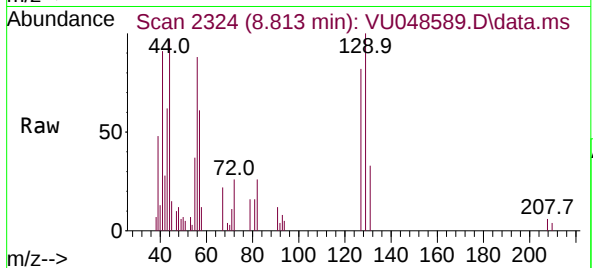
Tgt Ion: 164 Resp: 3575
Ion Ratio Lower Upper
164 100
129 88.2 64.3 119.3
131 78.0 64.5 119.7
166 118.3 87.5 162.5





#49
 Dibromochloromethane
 Concen: 2.042 ug/L
 RT: 8.813 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VU048589.D
 Acq: 16 May 2022 18:47

Instrument :
 MSVOA_U
 ClientSampleId :
 EXXW6



Tgt Ion:129 Resp: 5042
 Ion Ratio Lower Upper
 129 100
 127 82.0 53.1 98.5

