

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072122\
 Data File : VU049824.D
 Acq On : 21 Jul 2022 13:00
 Operator : SY/MD
 Sample : N3792-10
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBUN4

Quant Time: Jul 22 04:12:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM071122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 22 03:08:56 2022
 Response via : Initial Calibration

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

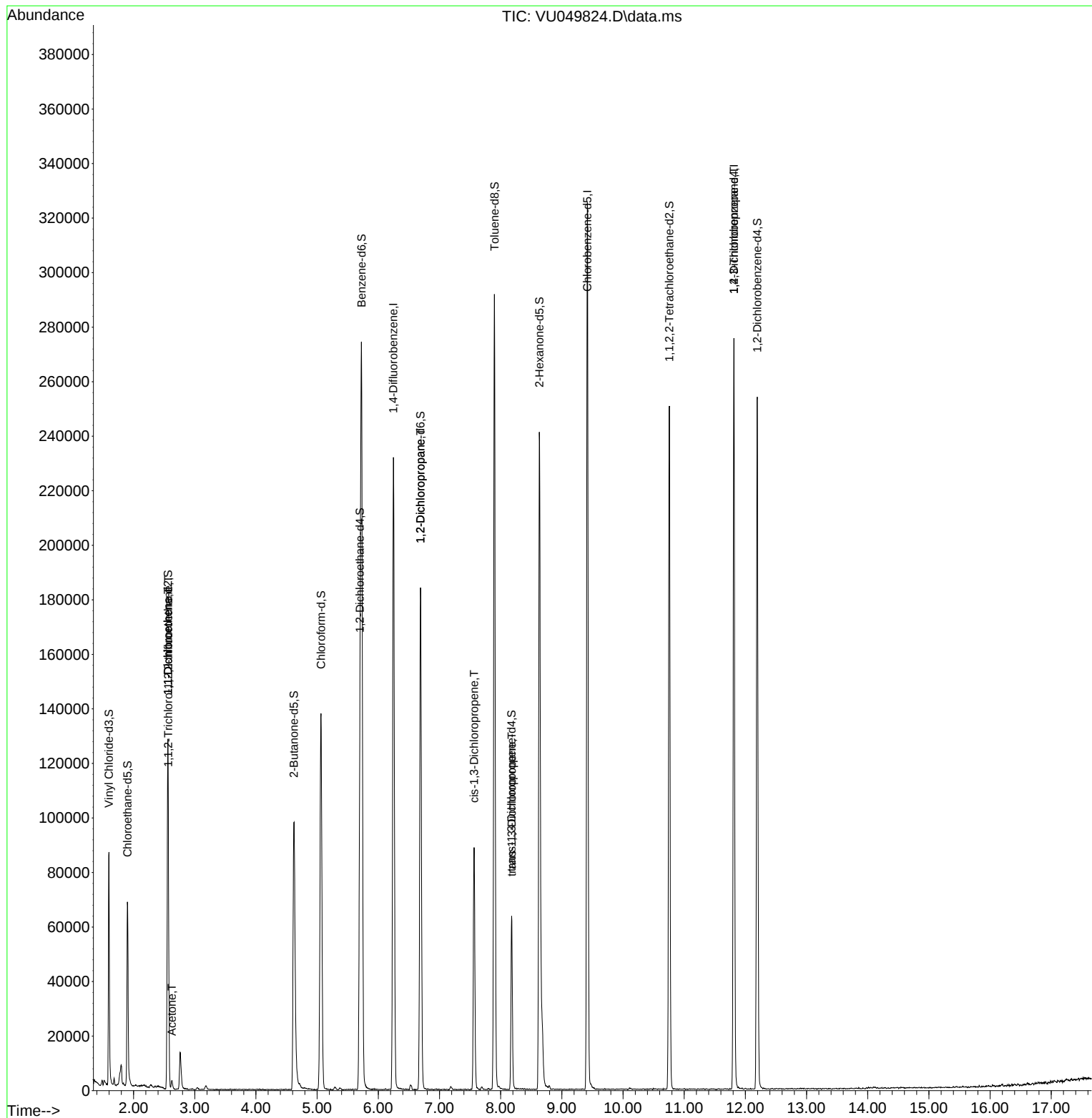
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	176927	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	167408	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	70130	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	60587	40.586	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	81.180%		
7) Chloroethane-d5	1.900	69	49572	45.940	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	91.880%		
11) 1,1-Dichloroethene-d2	2.562	63	79088	29.993	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	59.980%#		
21) 2-Butanone-d5	4.620	46	143095	112.287	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	112.290%		
24) Chloroform-d	5.063	84	125702	47.542	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.080%		
26) 1,2-Dichloroethane-d4	5.700	65	90875	50.783	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.560%		
32) Benzene-d6	5.726	84	231573	45.533	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.060%		
36) 1,2-Dichloropropane-d6	6.690	67	85869	50.197	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	100.400%		
41) Toluene-d8	7.899	98	184261	41.604	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	83.200%		
43) trans-1,3-Dichloroprop...	8.179	79	33318	46.228	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	92.460%		
47) 2-Hexanone-d5	8.632	63	72507	94.227	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	94.230%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	122336	51.110	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	102.220%		
66) 1,2-Dichlorobenzene-d4	12.195	152	62668	47.395	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.780%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	490	0.360	ug/L #	20
12) 1,1-Dichloroethene	2.562	96	506	0.400	ug/L #	1
13) Acetone	2.626	43	3509	2.897	ug/L	98
37) 1,2-Dichloropropane	6.690	63	9168	5.256	ug/L #	89
39) cis-1,3-Dichloropropene	7.565	75	2511	1.067	ug/L #	71
44) trans-1,3-Dichloropropene	8.182	75	1530	0.693	ug/L	87
60) 1,2,3-Trichloropropane	11.812	75	9661	5.172	ug/L #	66

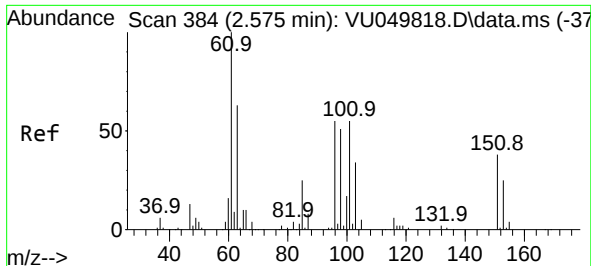
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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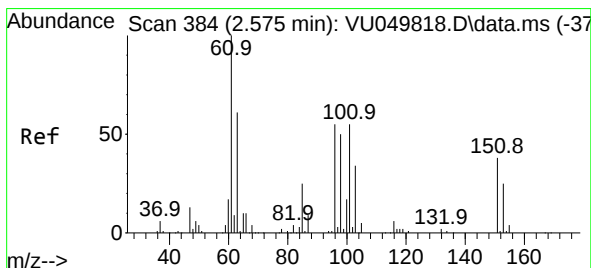
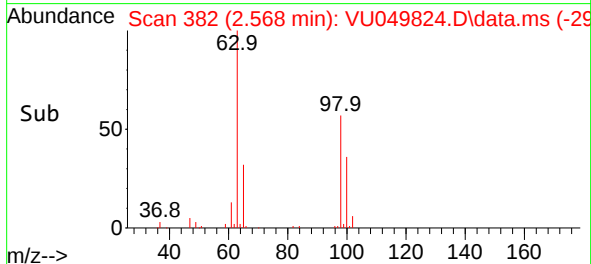
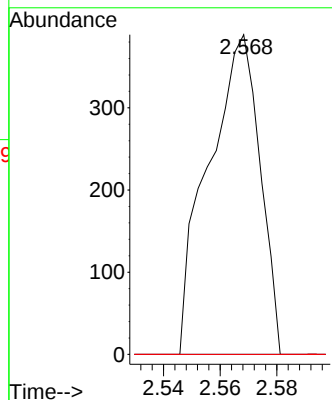
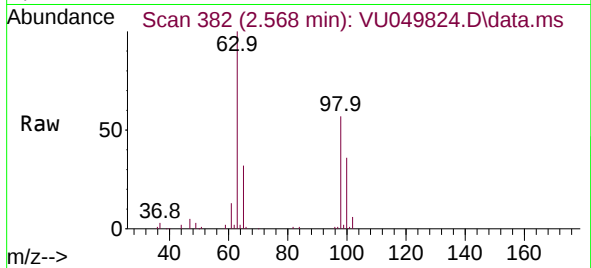




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.360 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.006 min
Lab File: VU049824.D
Acq: 21 Jul 2022 13:00

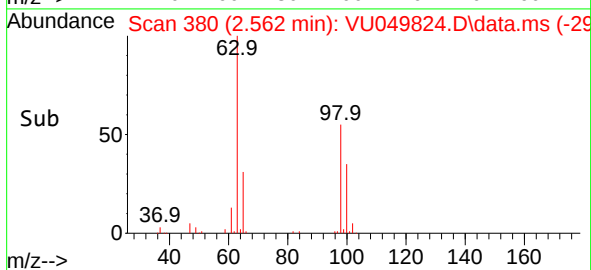
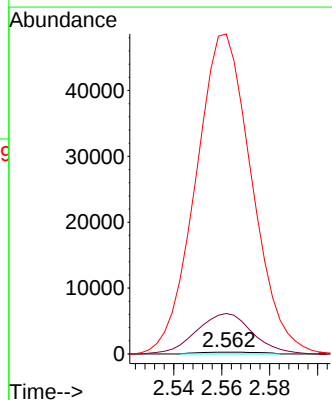
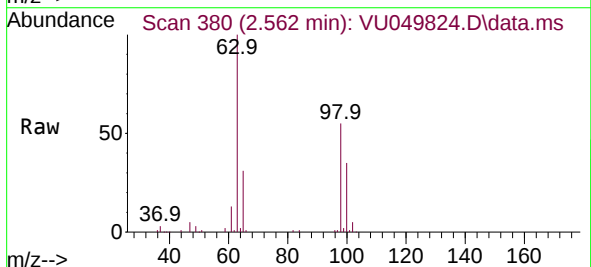
Instrument :
MSVOA_U
ClientSampleId :
DBUN4

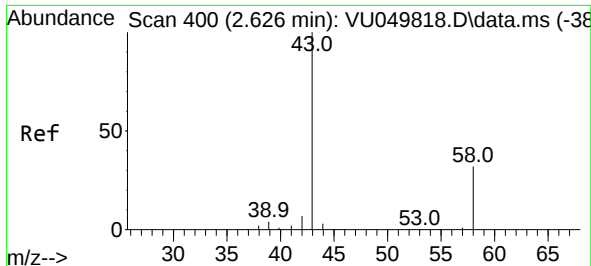
Tgt Ion:101 Resp: 490
Ion Ratio Lower Upper
101 100
85 0.0 37.3 55.9#
151 0.0 56.9 85.3#



#12
1,1-Dichloroethene
Concen: 0.400 ug/L
RT: 2.562 min Scan# 380
Delta R.T. -0.013 min
Lab File: VU049824.D
Acq: 21 Jul 2022 13:00

Tgt Ion: 96 Resp: 506
Ion Ratio Lower Upper
96 100
61 2227.5 129.6 240.6#
63 17602.9 79.0 146.6#





#13

Acetone

Concen: 2.897 ug/L

RT: 2.626 min Scan# 400

Delta R.T. 0.000 min

Lab File: VU049824.D

Acq: 21 Jul 2022 13:00

Instrument :

MSVOA_U

ClientSampleId :

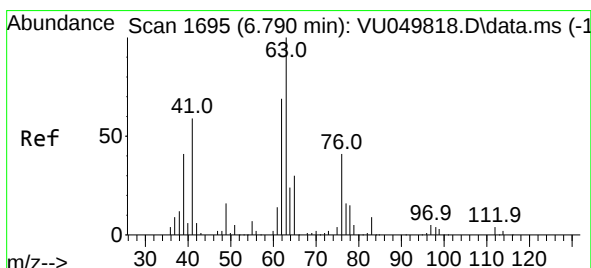
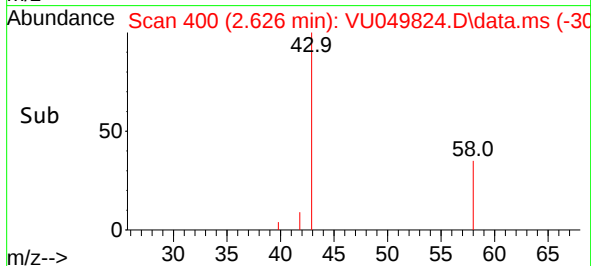
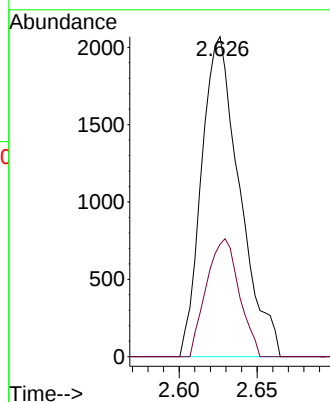
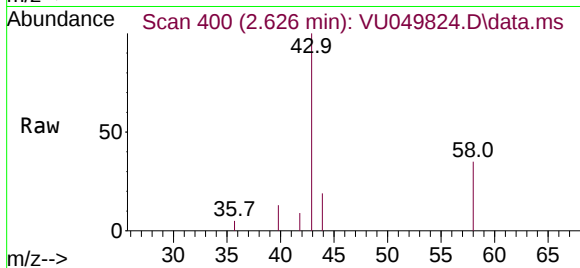
DBUN4

Tgt Ion: 43 Resp: 3509

Ion Ratio Lower Upper

43 100

58 31.7 0.0 61.4



#37

1,2-Dichloropropane

Concen: 5.256 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.100 min

Lab File: VU049824.D

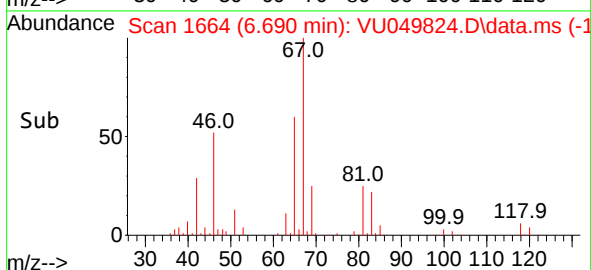
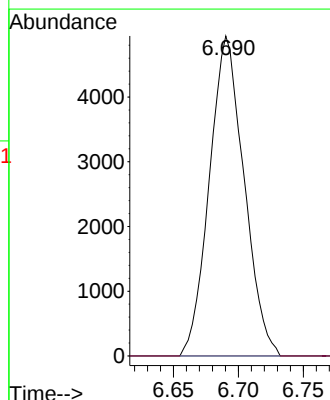
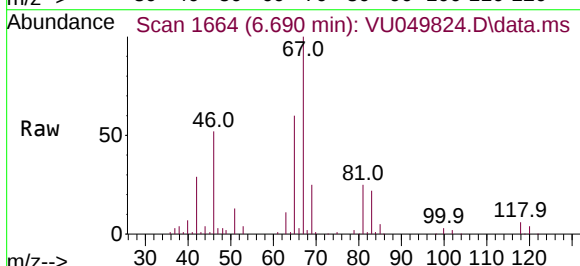
Acq: 21 Jul 2022 13:00

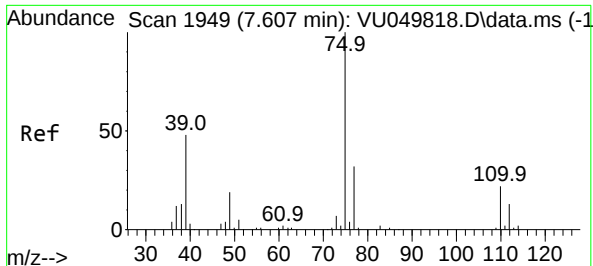
Tgt Ion: 63 Resp: 9168

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#





#39

cis-1,3-Dichloropropene

Concen: 1.067 ug/L

RT: 7.565 min Scan# 11

Delta R.T. -0.042 min

Lab File: VU049824.D

Acq: 21 Jul 2022 13:00

Instrument :

MSVOA_U

ClientSampleId :

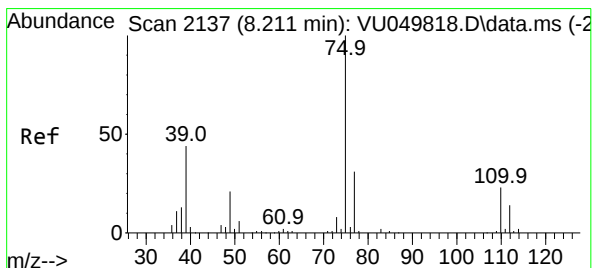
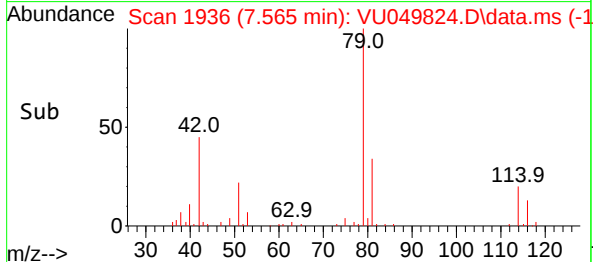
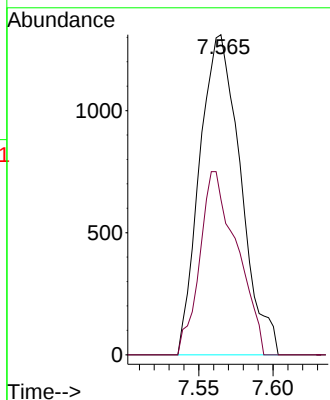
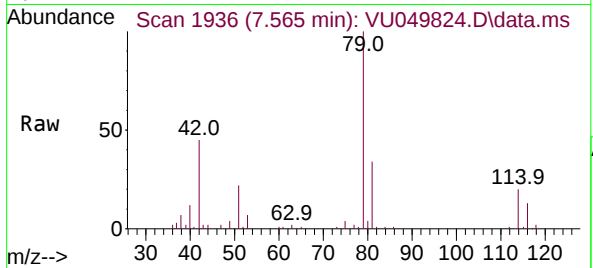
DBUN4

Tgt Ion: 75 Resp: 2511

Ion Ratio Lower Upper

75 100

77 48.6 22.6 42.0#



#44

trans-1,3-Dichloropropene

Concen: 0.693 ug/L

RT: 8.182 min Scan# 2128

Delta R.T. -0.029 min

Lab File: VU049824.D

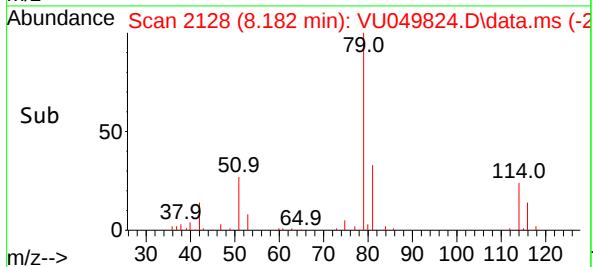
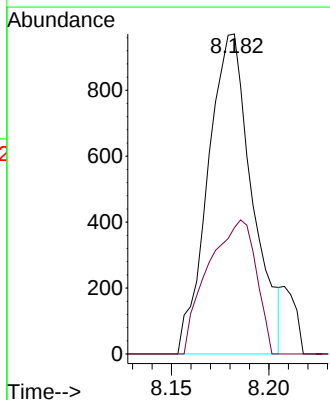
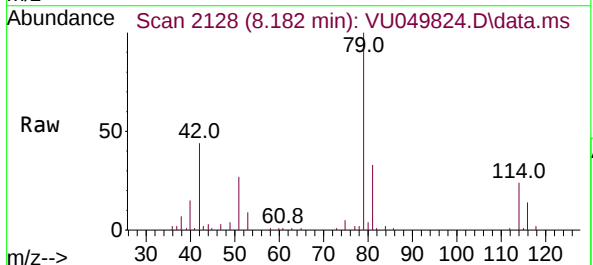
Acq: 21 Jul 2022 13:00

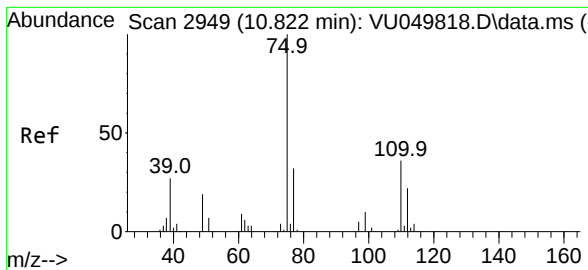
Tgt Ion: 75 Resp: 1530

Ion Ratio Lower Upper

75 100

77 39.4 22.5 41.9





#60
 1,2,3-Trichloropropane
 Concen: 5.172 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU049824.D
 Acq: 21 Jul 2022 13:00

Instrument :
 MSVOA_U
 ClientSampleId :
 DBUN4

Tgt Ion: 75	Resp:	9661
Ion Ratio	Lower	Upper
75	100	
77	29.2	25.5 38.3
110	0.8	28.9 43.3#

