

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062422\
 Data File : VU049385.D
 Acq On : 24 Jun 2022 14:24
 Operator : SY/MD
 Sample : VIBLK
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK018

Quant Time: Jun 25 00:16:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 25 00:13:49 2022
 Response via : Initial Calibration

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

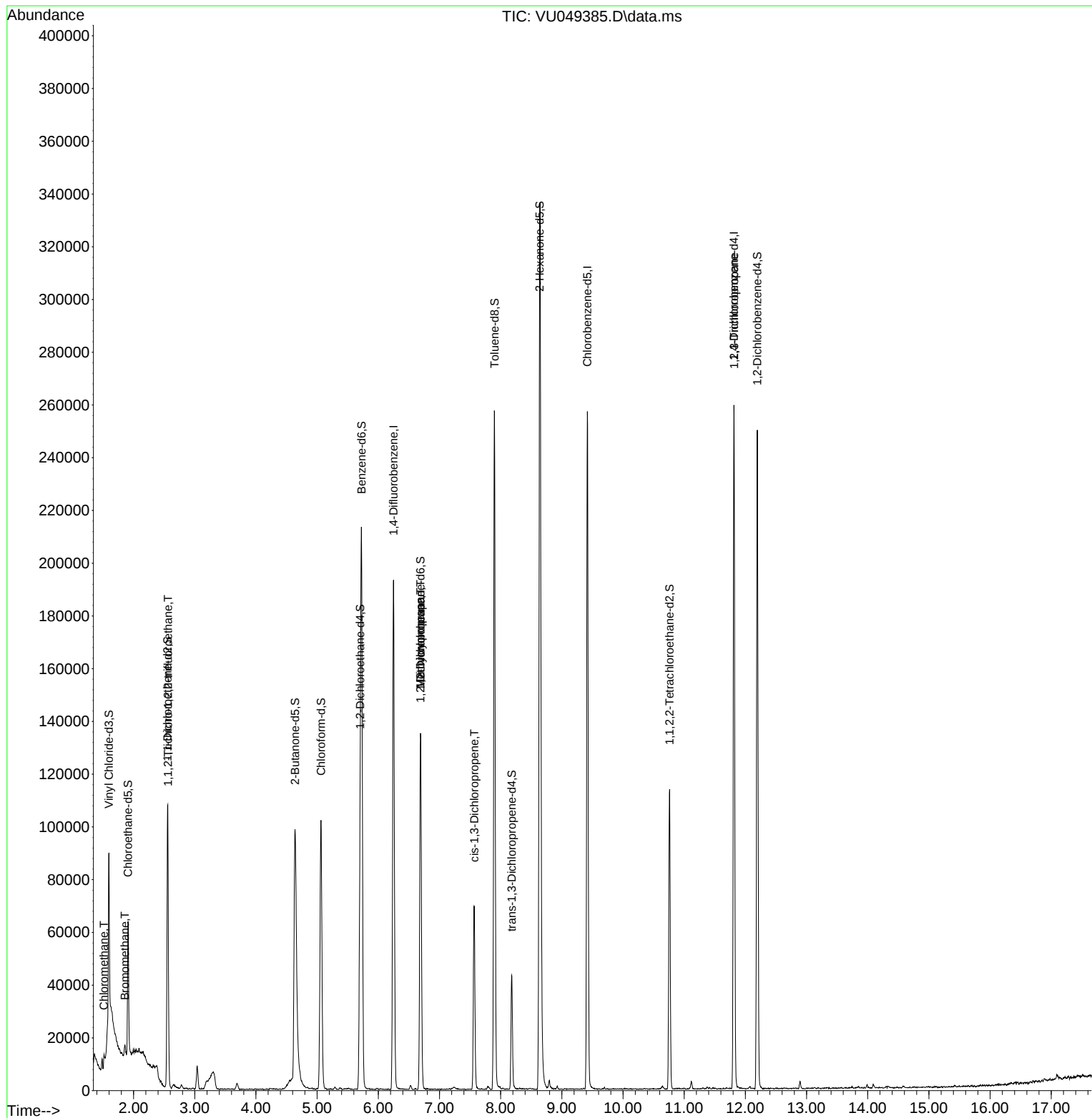
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	152681	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	137606	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	66450	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	51806	3.883	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	77.600%	
7) Chloroethane-d5	1.909	69	35853	3.970	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	79.400%	
11) 1,1-Dichloroethene-d2	2.555	65	20977	3.909	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	78.200%	
20) 2-Butanone-d5	4.639	46	182891	51.343	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	102.680%	
24) Chloroform-d	5.063	84	94370	4.508	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.200%	
26) 1,2-Dichloroethane-d4	5.703	65	53963	4.700	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.000%	
32) Benzene-d6	5.726	84	188964	4.558	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.200%	
36) 1,2-Dichloropropane-d6	6.690	67	65082	4.626	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	92.600%	
41) Toluene-d8	7.899	98	168172	4.505	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.200%	
43) trans-1,3-Dichloroprop...	8.182	79	24746	3.959	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	79.200%	
46) 2-Hexanone-d5	8.639	63	136212	54.021	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	108.040%	
56) 1,1,2,2-Tetrachloroeth...	10.761	84	57199	5.077	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	101.600%	
66) 1,2-Dichlorobenzene-d4	12.195	152	62655	4.914	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	98.200%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.517	50	6117	0.427	ug/L	87
6) Bromomethane	1.858	94	2581	0.365	ug/L	90
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	667	0.076	ug/L #	21
35) Methylcyclohexane	6.690	83	14967	0.853	ug/L #	16
37) 1,2-Dichloropropane	6.687	63	6847	0.609	ug/L #	89
39) cis-1,3-Dichloropropene	7.568	75	1874	0.110	ug/L #	61
61) 1,2,3-Trichloropropane	11.816	75	8607	1.154	ug/L #	69

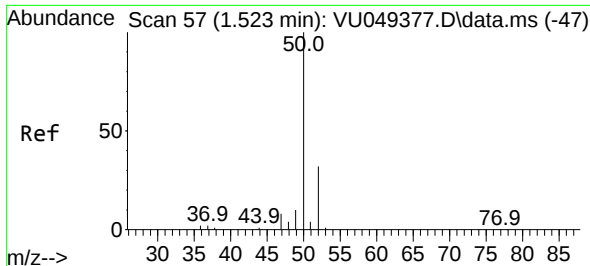
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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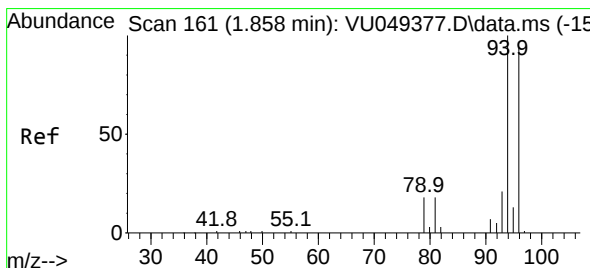
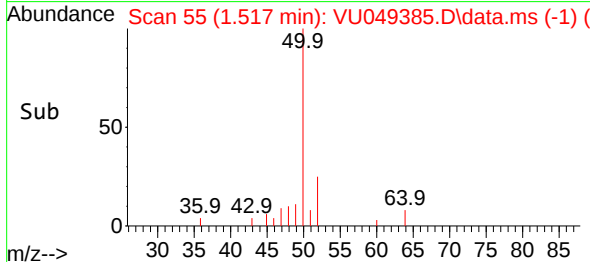
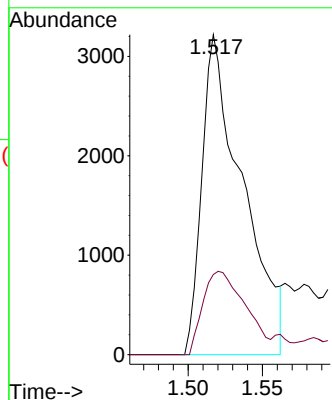
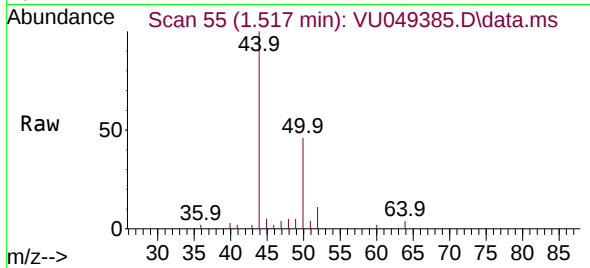




#3
Chloromethane
Concen: 0.427 ug/L
RT: 1.517 min Scan# 51
Delta R.T. -0.006 min
Lab File: VU049385.D
Acq: 24 Jun 2022 14:24

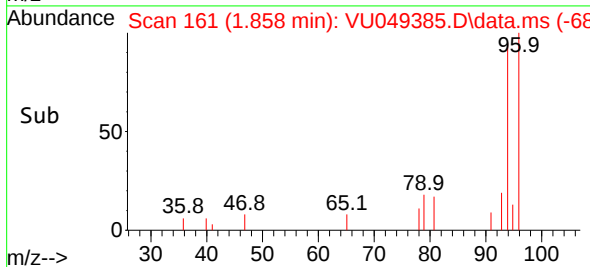
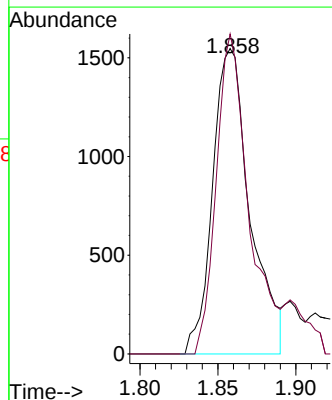
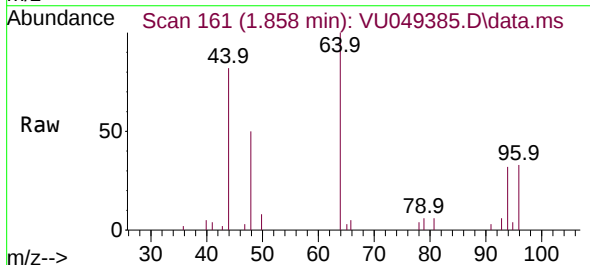
Instrument :
MSVOA_U
ClientSampleId :
VIBLK018

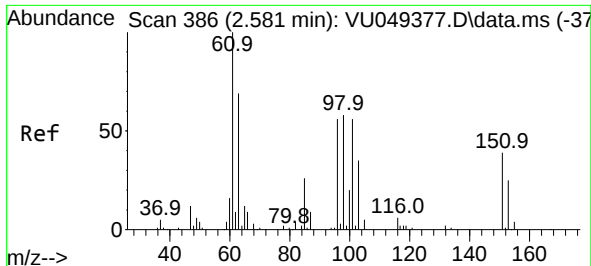
Tgt Ion: 50 Resp: 6117
Ion Ratio Lower Upper
50 100
52 25.0 22.7 42.1



#6
Bromomethane
Concen: 0.365 ug/L
RT: 1.858 min Scan# 161
Delta R.T. -0.000 min
Lab File: VU049385.D
Acq: 24 Jun 2022 14:24

Tgt Ion: 94 Resp: 2581
Ion Ratio Lower Upper
94 100
96 104.8 66.4 123.4





#10

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

Concen: 0.076 ug/L

RT: 2.562 min Scan# 3

Delta R.T. -0.019 min

Lab File: VU049385.D

Acq: 24 Jun 2022 14:24

Instrument :

MSVOA_U

ClientSampleId :

VIBLK018

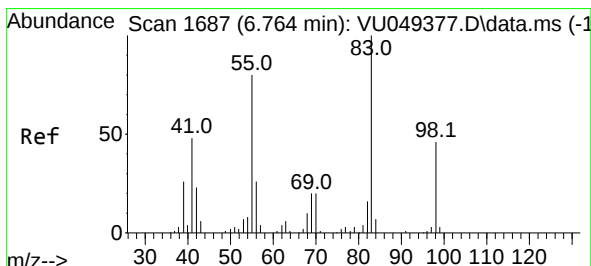
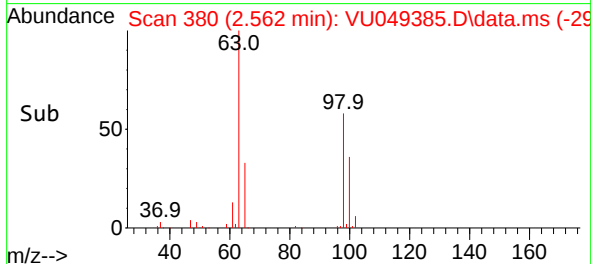
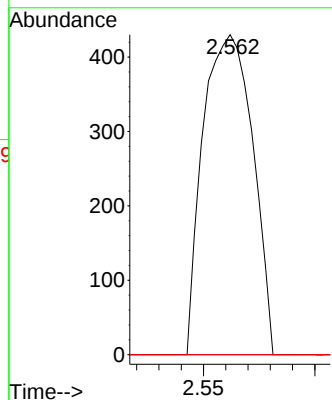
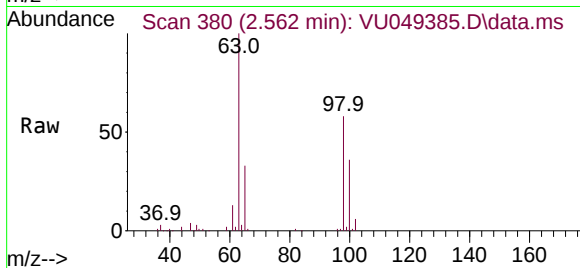
Tgt Ion:101 Resp: 667

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

151 0.0 56.8 85.2#



#35

Methylcyclohexane

Concen: 0.853 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.074 min

Lab File: VU049385.D

Acq: 24 Jun 2022 14:24

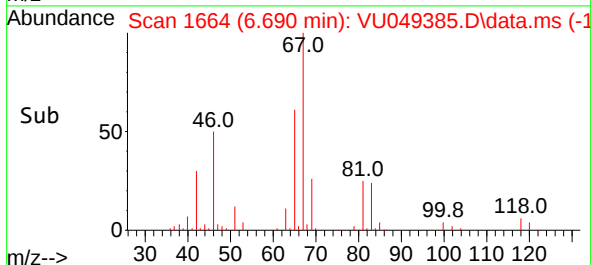
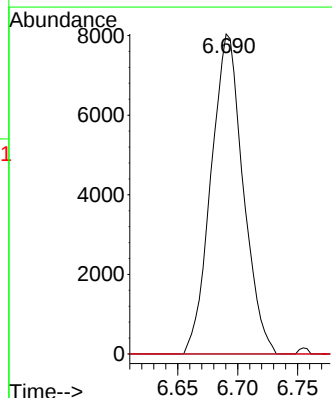
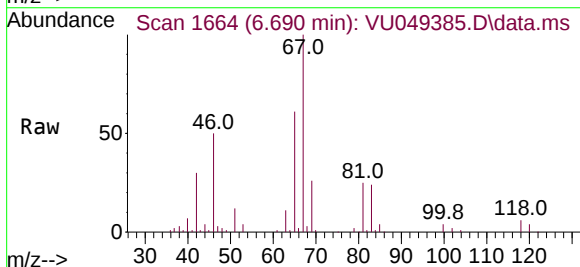
Tgt Ion: 83 Resp: 14967

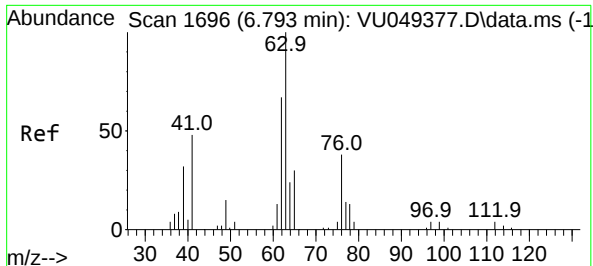
Ion Ratio Lower Upper

83 100

55 0.0 66.9 100.3#

98 1.0 35.5 53.3#





#37

1,2-Dichloropropane

Concen: 0.609 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.106 min

Lab File: VU049385.D

Acq: 24 Jun 2022 14:24

Instrument :

MSVOA_U

ClientSampleId :

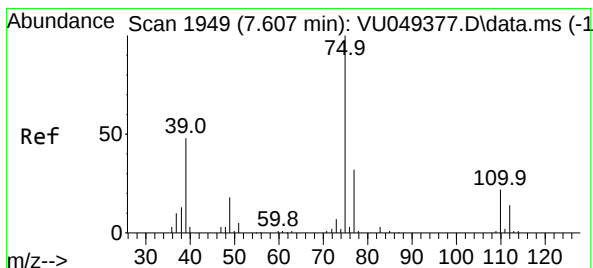
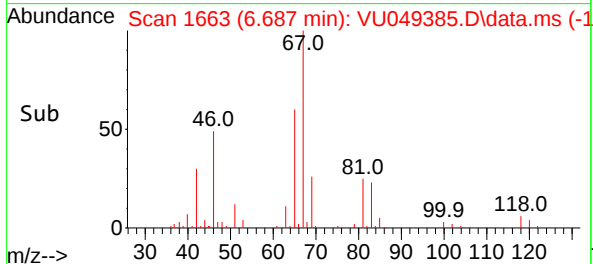
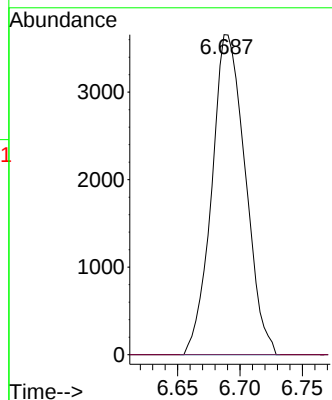
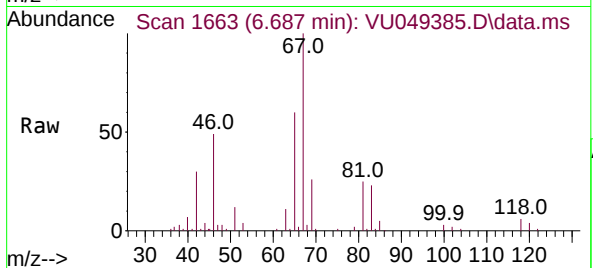
VIBLK018

Tgt Ion: 63 Resp: 6847

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#



#39

cis-1,3-Dichloropropene

Concen: 0.110 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.039 min

Lab File: VU049385.D

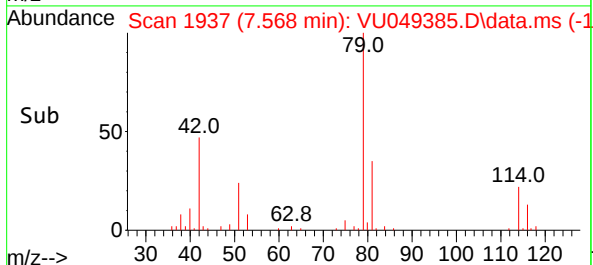
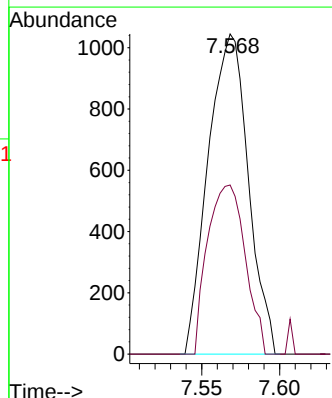
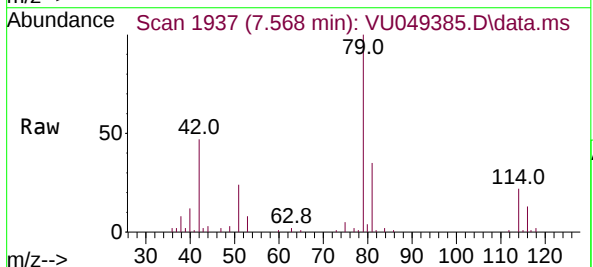
Acq: 24 Jun 2022 14:24

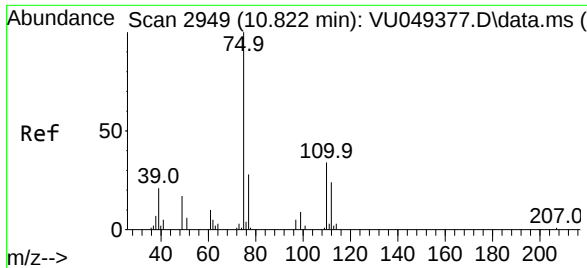
Tgt Ion: 75 Resp: 1874

Ion Ratio Lower Upper

75 100

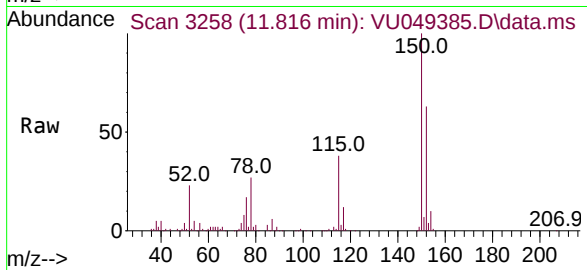
77 52.8 21.8 40.4#





#61
 1,2,3-Trichloropropane
 Concen: 1.154 ug/L
 RT: 11.816 min Scan# 31
 Delta R.T. 0.994 min
 Lab File: VU049385.D
 Acq: 24 Jun 2022 14:24

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK018



Tgt Ion: 75 Resp: 8607
 Ion Ratio Lower Upper
 75 100
 110 2.3 29.0 43.4#
 77 32.2 26.2 39.2

