

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050322\
 Data File : VU048400.D
 Acq On : 03 May 2022 19:05
 Operator : SY/MD
 Sample : N2668-16
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 04 01:42:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 04 01:37:47 2022
 Response via : Initial Calibration

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

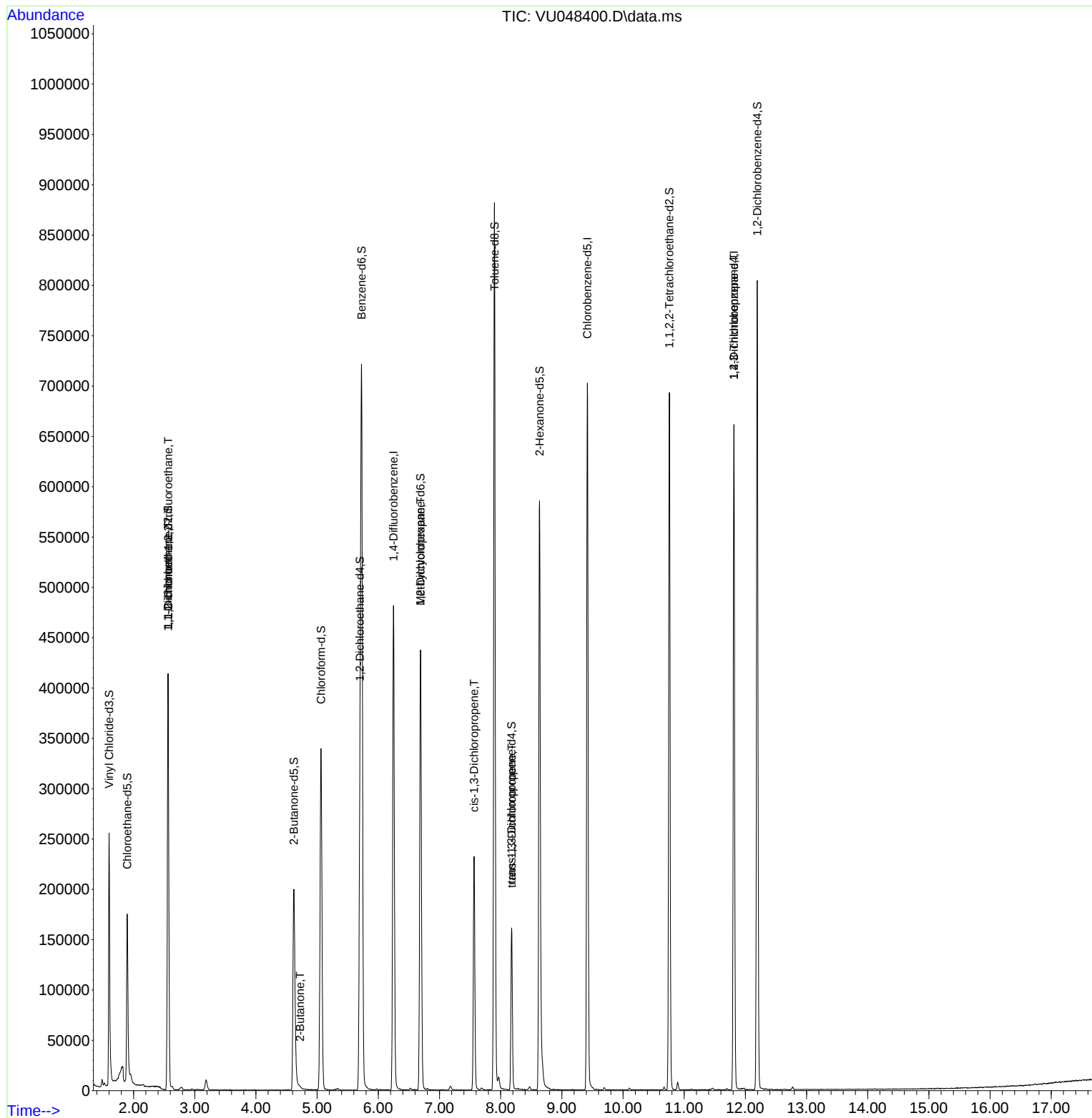
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	419546	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	420037	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	188957	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	202612	52.517	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	105.040%	
7) Chloroethane-d5	1.896	69	148052	54.670	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	109.340%	
11) 1,1-Dichloroethene-d2	2.562	63	239101	38.679	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	77.360%	
21) 2-Butanone-d5	4.620	46	285376	86.726	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	=	86.730%	
24) Chloroform-d	5.063	84	325924	46.575	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	93.160%	
26) 1,2-Dichloroethane-d4	5.700	65	203365	48.980	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	97.960%	
32) Benzene-d6	5.726	84	695871	52.529	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	105.060%	
36) 1,2-Dichloropropane-d6	6.690	67	221439	50.561	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	101.120%	
41) Toluene-d8	7.899	98	606815	50.534	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	101.060%	
43) trans-1,3-Dichloroprop...	8.179	79	91642	47.421	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	94.840%	
47) 2-Hexanone-d5	8.636	63	205335	86.899	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	86.900%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	350855	45.678	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	91.360%	
66) 1,2-Dichlorobenzene-d4	12.195	152	235451	55.392	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	110.780%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	2355	0.745	ug/L #	18
12) 1,1-Dichloroethene	2.565	96	1990	0.721	ug/L #	1
22) 2-Butanone	4.719	43	4314	1.381	ug/L	96
35) Methylcyclohexane	6.690	83	51017	11.921	ug/L #	19
39) cis-1,3-Dichloropropene	7.565	75	5088	1.023	ug/L #	69
44) trans-1,3-Dichloropropene	8.182	75	3665	0.754	ug/L #	81
60) 1,2,3-Trichloropropane	11.812	75	18337	4.160	ug/L #	69

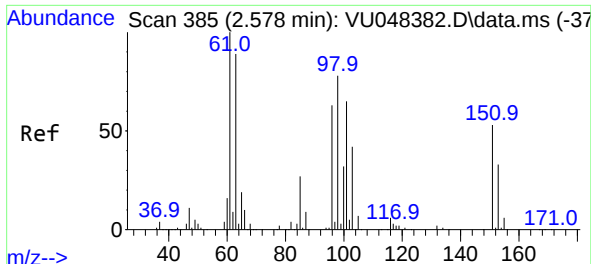
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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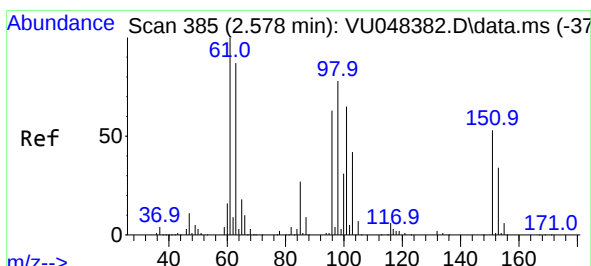
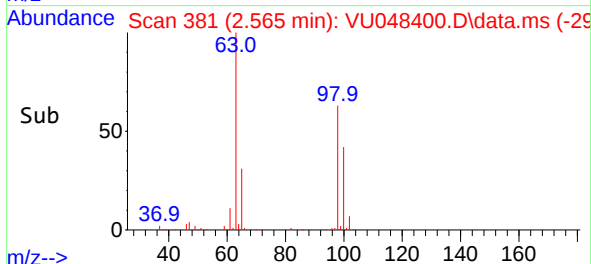
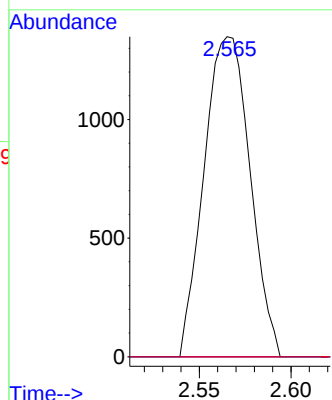
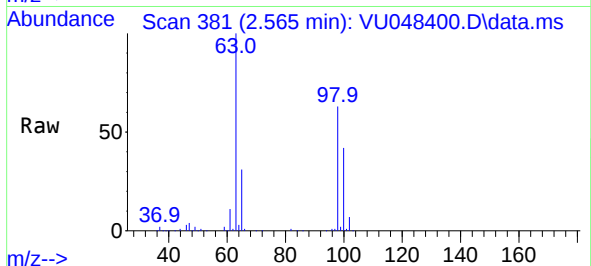




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.745 ug/L
 RT: 2.565 min Scan# 381
 Delta R.T. -0.013 min
 Lab File: VU048400.D
 Acq: 03 May 2022 19:05

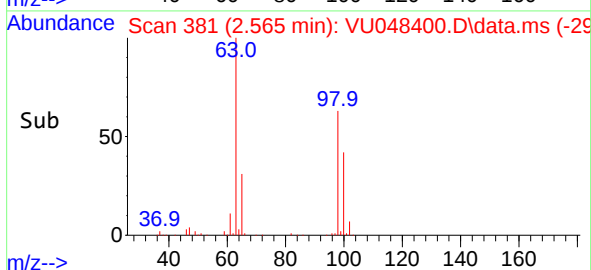
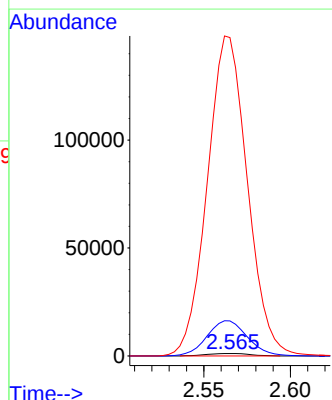
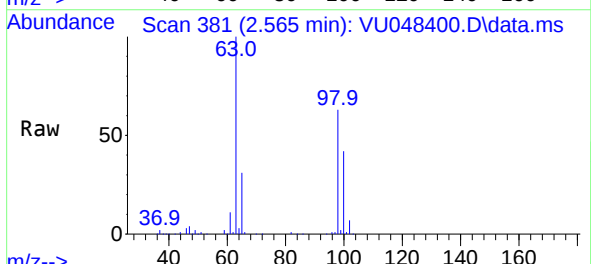
Instrument :
 MSVOA_U
 ClientSampleId :

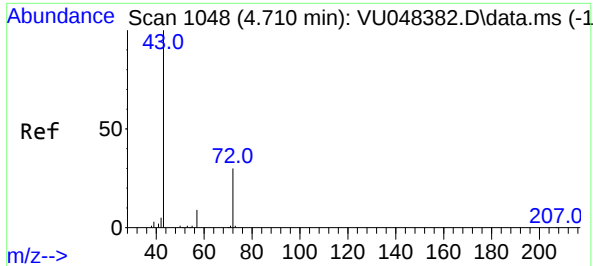
Tgt Ion:101 Resp: 2355
 Ion Ratio Lower Upper
 101 100
 85 0.0 32.6 48.8#
 151 0.0 64.1 96.1#



#12
 1,1-Dichloroethene
 Concen: 0.721 ug/L
 RT: 2.565 min Scan# 381
 Delta R.T. -0.013 min
 Lab File: VU048400.D
 Acq: 03 May 2022 19:05

Tgt Ion: 96 Resp: 1990
 Ion Ratio Lower Upper
 96 100
 61 1464.6 107.9 200.3#
 63 13302.1 80.3 149.1#

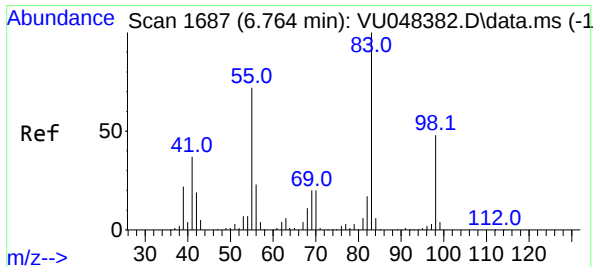
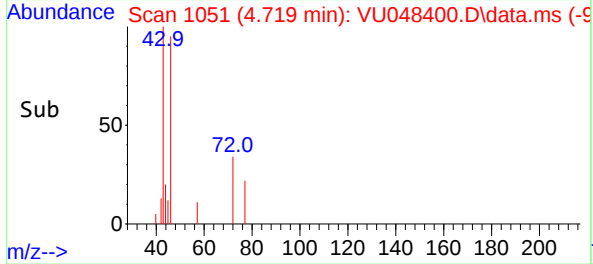
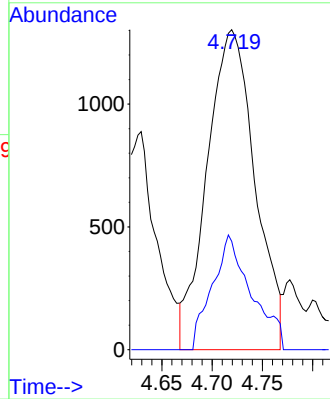
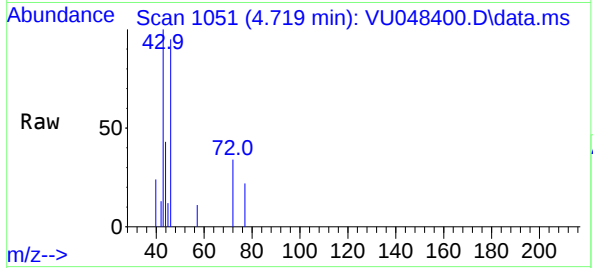




#22
2-Butanone
Concen: 1.381 ug/L
RT: 4.719 min Scan# 1048
Delta R.T. 0.010 min
Lab File: VU048400.D
Acq: 03 May 2022 19:05

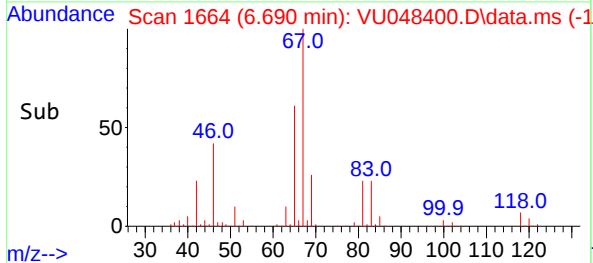
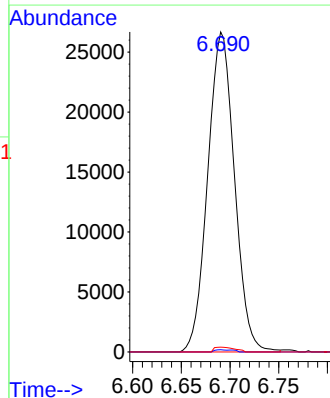
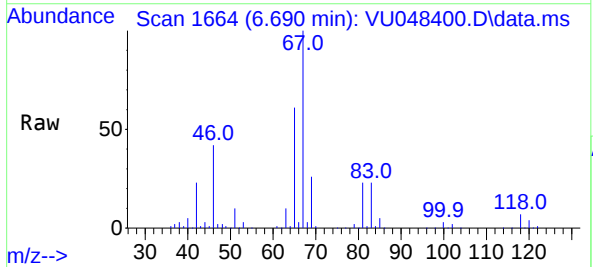
Instrument :
MSVOA_U
ClientSampleId :

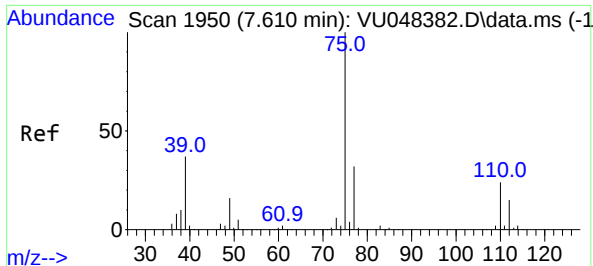
Tgt Ion: 43 Resp: 4314
Ion Ratio Lower Upper
43 100
72 27.1 14.6 43.8



#35
Methylcyclohexane
Concen: 11.921 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.074 min
Lab File: VU048400.D
Acq: 03 May 2022 19:05

Tgt Ion: 83 Resp: 51017
Ion Ratio Lower Upper
83 100
55 0.3 59.4 89.2#
98 0.2 37.3 55.9#





#39

cis-1,3-Dichloropropene

Concen: 1.023 ug/L

RT: 7.565 min Scan# 19

Delta R.T. -0.045 min

Lab File: VU048400.D

Acq: 03 May 2022 19:05

Instrument :

MSVOA_U

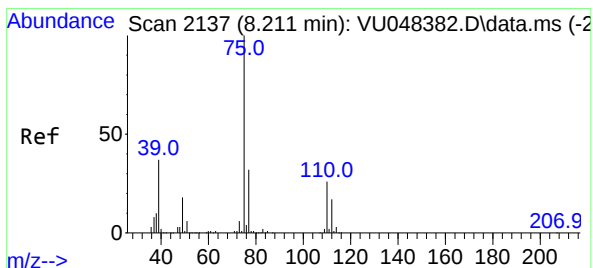
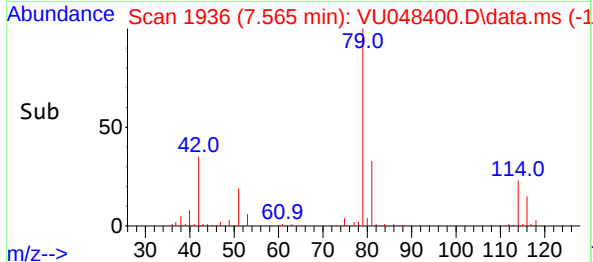
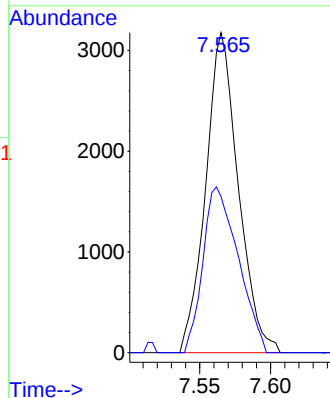
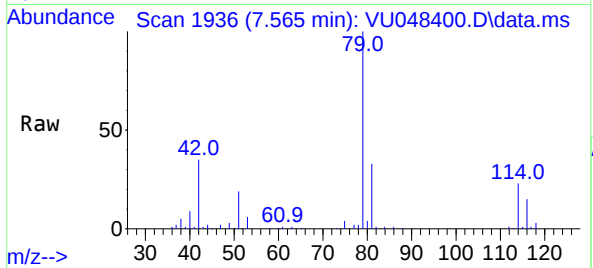
ClientSampleId :

Tgt Ion: 75 Resp: 5088

Ion Ratio Lower Upper

75 100

77 48.8 22.0 41.0#



#44

trans-1,3-Dichloropropene

Concen: 0.754 ug/L

RT: 8.182 min Scan# 2128

Delta R.T. -0.029 min

Lab File: VU048400.D

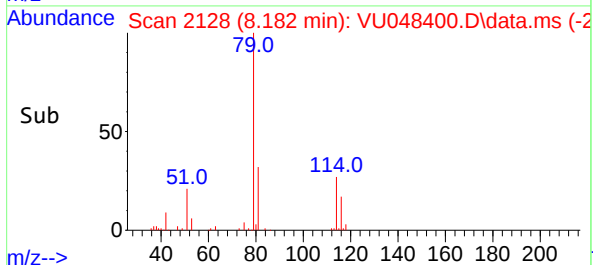
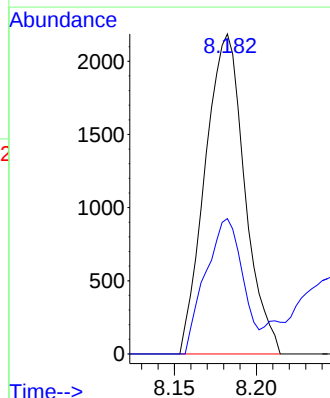
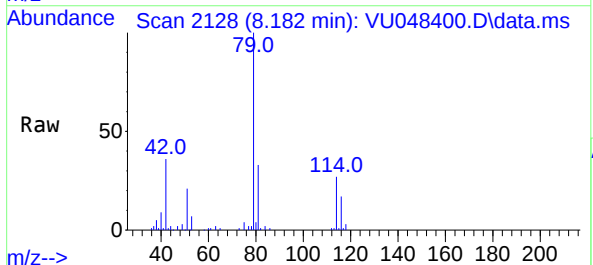
Acq: 03 May 2022 19:05

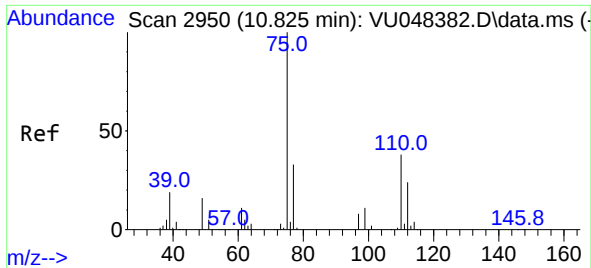
Tgt Ion: 75 Resp: 3665

Ion Ratio Lower Upper

75 100

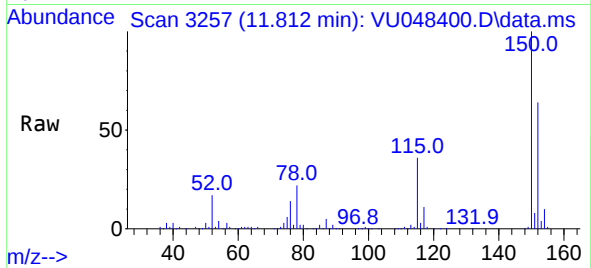
77 42.3 22.1 41.1#





#60
 1,2,3-Trichloropropane
 Concen: 4.160 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU048400.D
 Acq: 03 May 2022 19:05

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 18337
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.8 38.8
 110 2.8 29.9 44.9#

