

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081122\
 Data File : VU050235.D
 Acq On : 11 Aug 2022 17:08
 Operator : SY/MD
 Sample : N4160-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 12 01:33:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 12 01:30:48 2022
 Response via : Initial Calibration

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

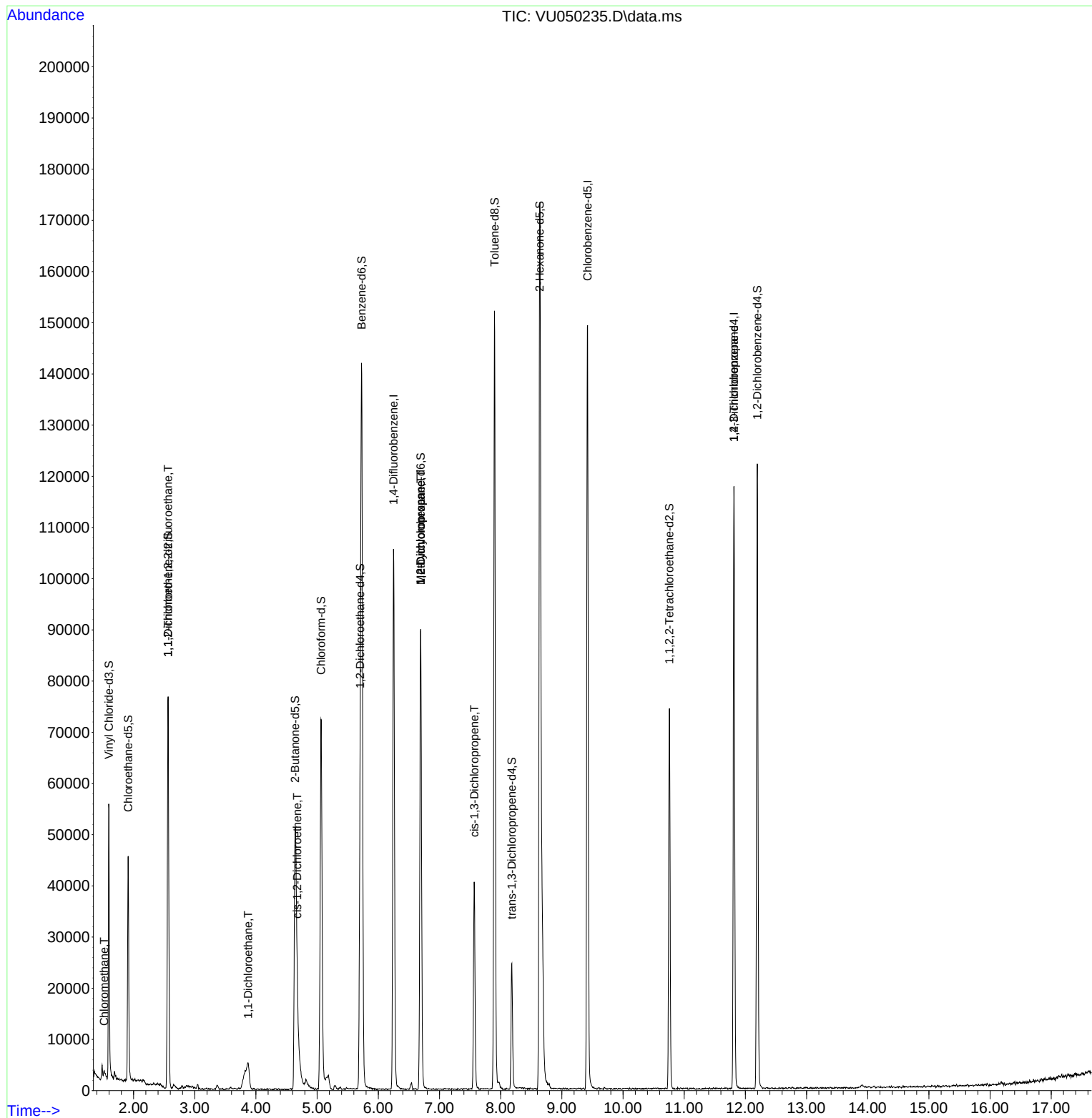
Internal Standards							
1) 1,4-Difluorobenzene		6.250	114	86520	5.000	ug/L	0.00
28) Chlorobenzene-d5		9.420	117	87164	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		11.812	152	33185	5.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		1.594	65	40192	5.582	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	111.600%	
7) Chloroethane-d5		1.912	69	32718	5.632	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.600%	
11) 1,1-Dichloroethene-d2		2.562	65	14951	5.313	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	106.200%	
20) 2-Butanone-d5		4.642	46	100451	57.209	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.420%	
24) Chloroform-d		5.063	84	68466	5.112	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.200%	
26) 1,2-Dichloroethane-d4		5.703	65	37476	5.450	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.000%	
32) Benzene-d6		5.729	84	134355	4.939	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%	
36) 1,2-Dichloropropane-d6		6.694	67	45680	5.100	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.000%	
41) Toluene-d8		7.899	98	104163	4.336	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.800%	
43) trans-1,3-Dichloroprop...		8.182	79	15060	4.692	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.800%	
46) 2-Hexanone-d5		8.639	63	54772	48.119	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.240%	
56) 1,1,2,2-Tetrachloroeth...		10.758	84	39238	4.988	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.800%	
66) 1,2-Dichlorobenzene-d4		12.195	152	33587	5.166	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.400%	
Target Compounds							Qvalue
3) Chloromethane		1.520	50	1687	0.163	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...		2.562	101	302	0.053	ug/L #	22
19) 1,1-Dichloroethane		3.874	63	1223	0.096	ug/L #	80
22) cis-1,2-Dichloroethene		4.674	96	439	0.059	ug/L	92
35) Methylcyclohexane		6.694	83	10315	1.082	ug/L #	18
37) 1,2-Dichloropropane		6.694	63	4609	0.567	ug/L #	89
39) cis-1,3-Dichloropropene		7.568	75	992	0.093	ug/L #	74
61) 1,2,3-Trichloropropane		11.812	75	3950	0.874	ug/L #	66

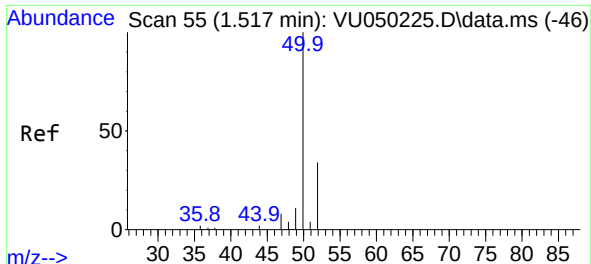
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_U
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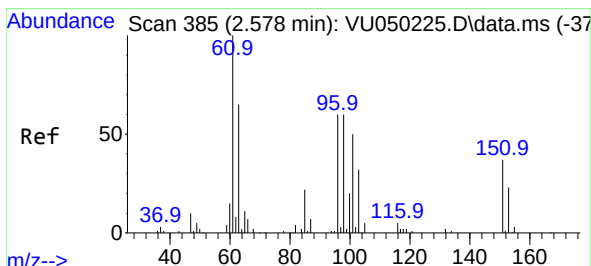
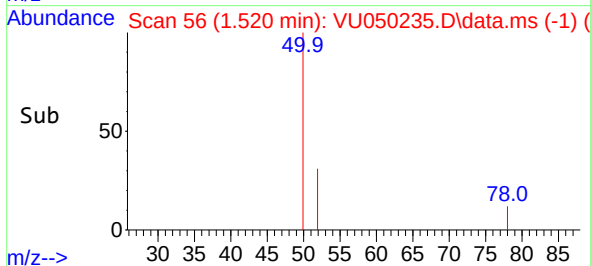
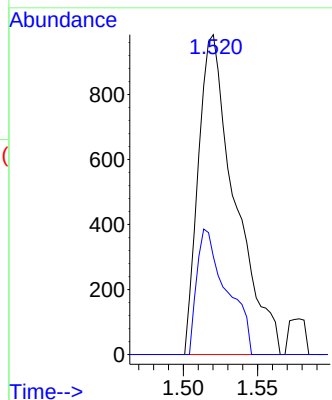
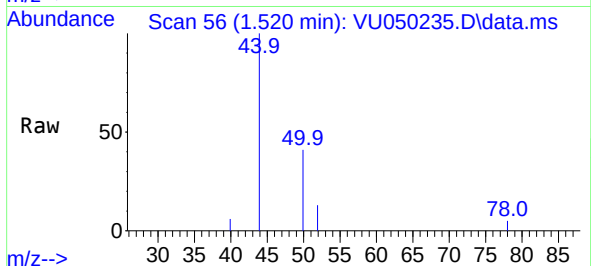




#3
Chloromethane
Concen: 0.163 ug/L
RT: 1.520 min Scan# 50
Delta R.T. 0.003 min
Lab File: VU050235.D
Acq: 11 Aug 2022 17:08

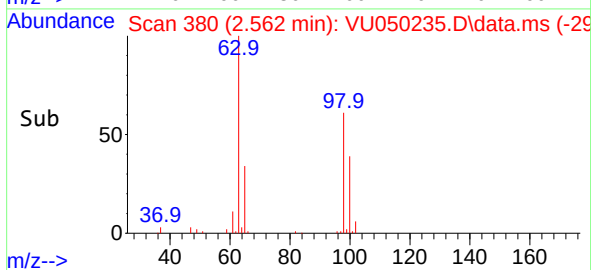
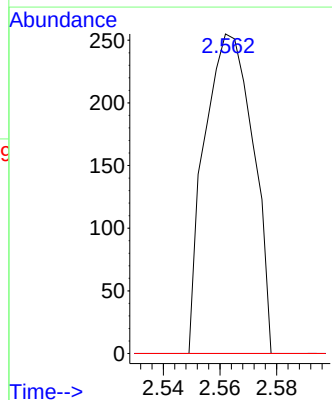
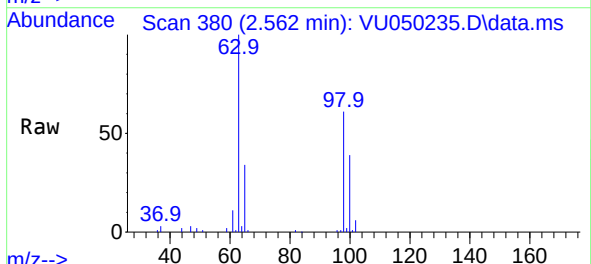
Instrument :
MSVOA_U
ClientSampleId :

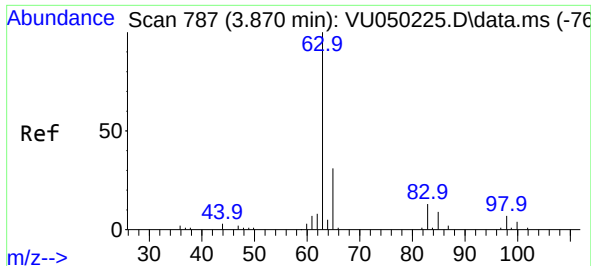
Tgt Ion: 50 Resp: 1687
Ion Ratio Lower Upper
50 100
52 30.7 23.2 43.2



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.053 ug/L
RT: 2.562 min Scan# 380
Delta R.T. -0.016 min
Lab File: VU050235.D
Acq: 11 Aug 2022 17:08

Tgt Ion: 101 Resp: 302
Ion Ratio Lower Upper
101 100
85 0.0 35.6 53.4#
151 0.0 55.2 82.8#

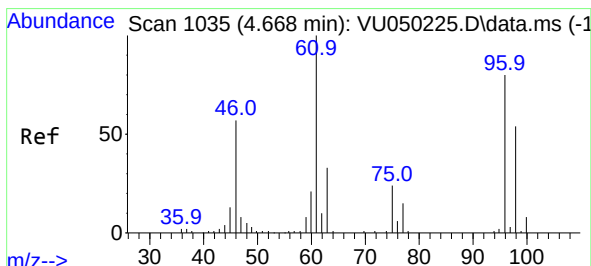
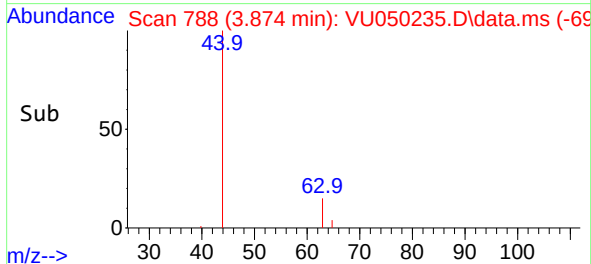
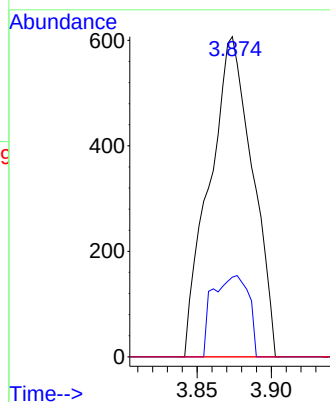
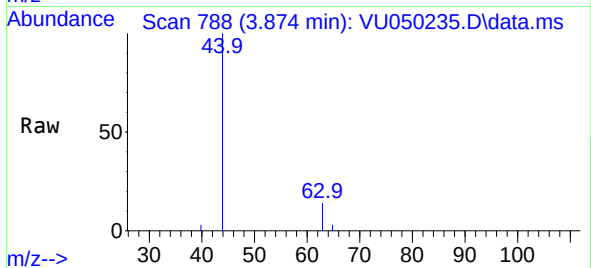




#19
1,1-Dichloroethane
Concen: 0.096 ug/L
RT: 3.874 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU050235.D
Acq: 11 Aug 2022 17:08

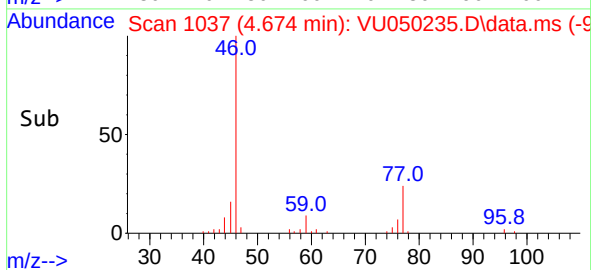
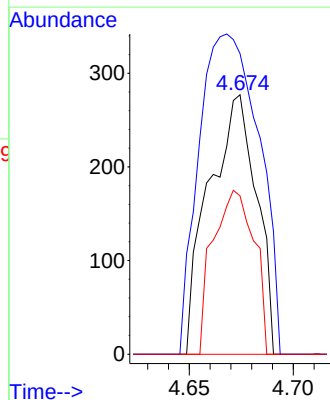
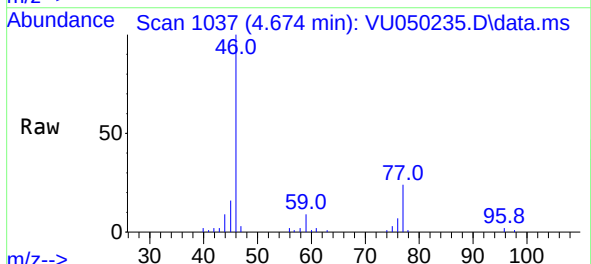
Instrument :
MSVOA_U
ClientSampleId :

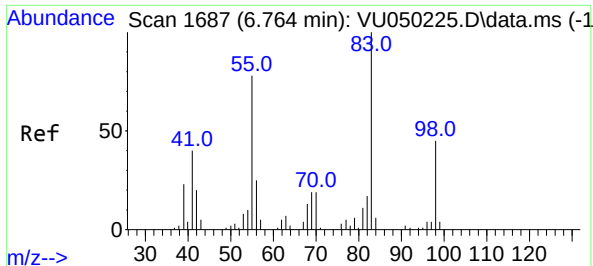
Tgt Ion: 63 Resp: 1223
Ion Ratio Lower Upper
63 100
65 24.9 22.7 42.3
83 0.0 9.8 18.2#



#22
cis-1,2-Dichloroethene
Concen: 0.059 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VU050235.D
Acq: 11 Aug 2022 17:08

Tgt Ion: 96 Resp: 439
Ion Ratio Lower Upper
96 100
61 115.9 89.0 165.4
98 61.0 45.2 84.0





#35

Methylcyclohexane

Concen: 1.082 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.071 min

Lab File: VU050235.D

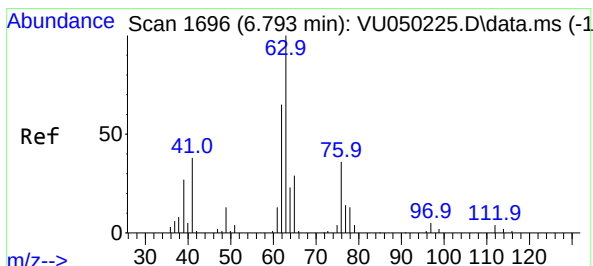
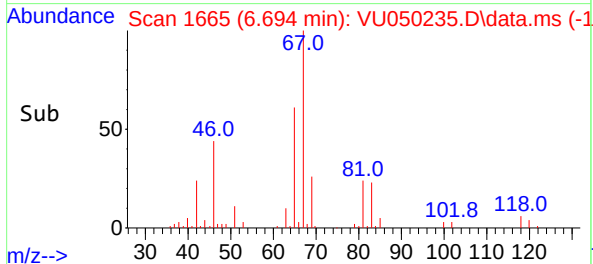
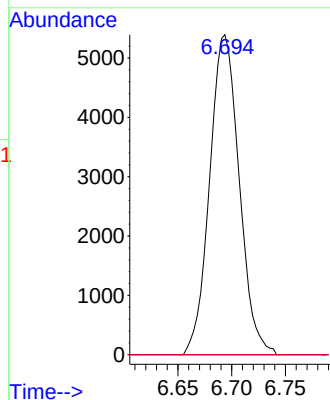
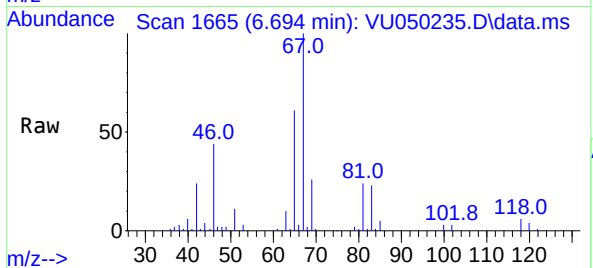
Acq: 11 Aug 2022 17:08

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	10315
Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.7	94.1#
98	0.0	36.2	54.2#



#37

1,2-Dichloropropane

Concen: 0.567 ug/L

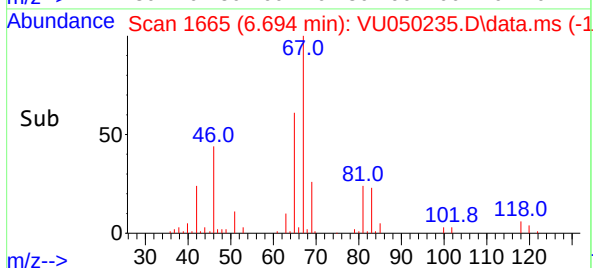
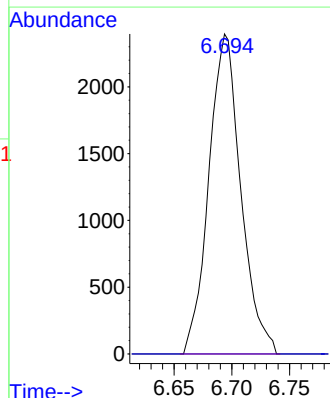
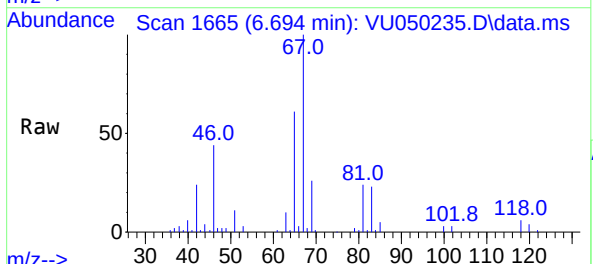
RT: 6.694 min Scan# 1665

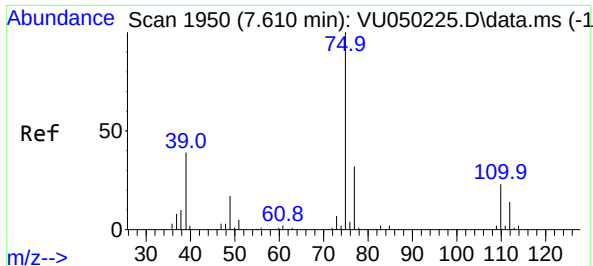
Delta R.T. -0.100 min

Lab File: VU050235.D

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Tgt Ion:	63	Resp:	4609
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.4#

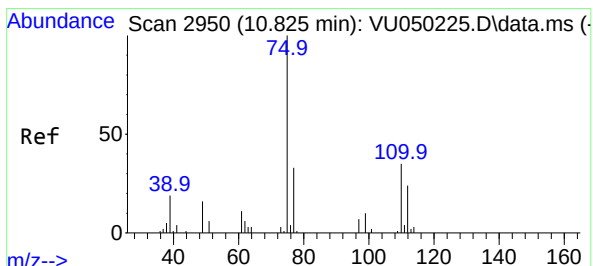
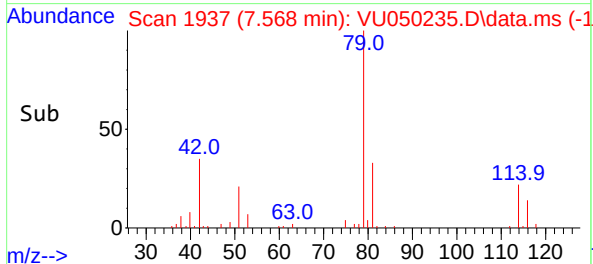
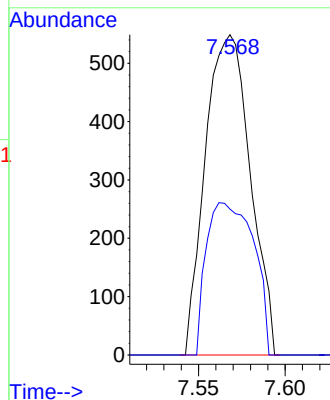
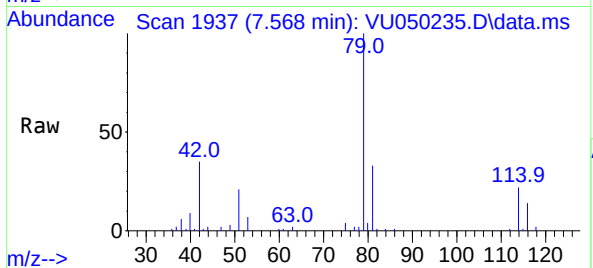




#39
cis-1,3-Dichloropropene
Concen: 0.093 ug/L
RT: 7.568 min Scan# 1950
Delta R.T. -0.042 min
Lab File: VU050235.D
Acq: 11 Aug 2022 17:08

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 992
Ion Ratio Lower Upper
75 100
77 45.5 21.8 40.4#



#61
1,2,3-Trichloropropane
Concen: 0.874 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU050235.D
Acq: 11 Aug 2022 17:08

Tgt Ion: 75 Resp: 3950
Ion Ratio Lower Upper
75 100
110 0.0 28.5 42.7#
77 29.9 25.8 38.6

