

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112222\
 Data File : VU052075.D
 Acq On : 23 Nov 2022 07:34
 Operator : JC/MD
 Sample : N5693-11DL 100X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 23 08:26:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 19 21:39:41 2022
 Response via : Initial Calibration

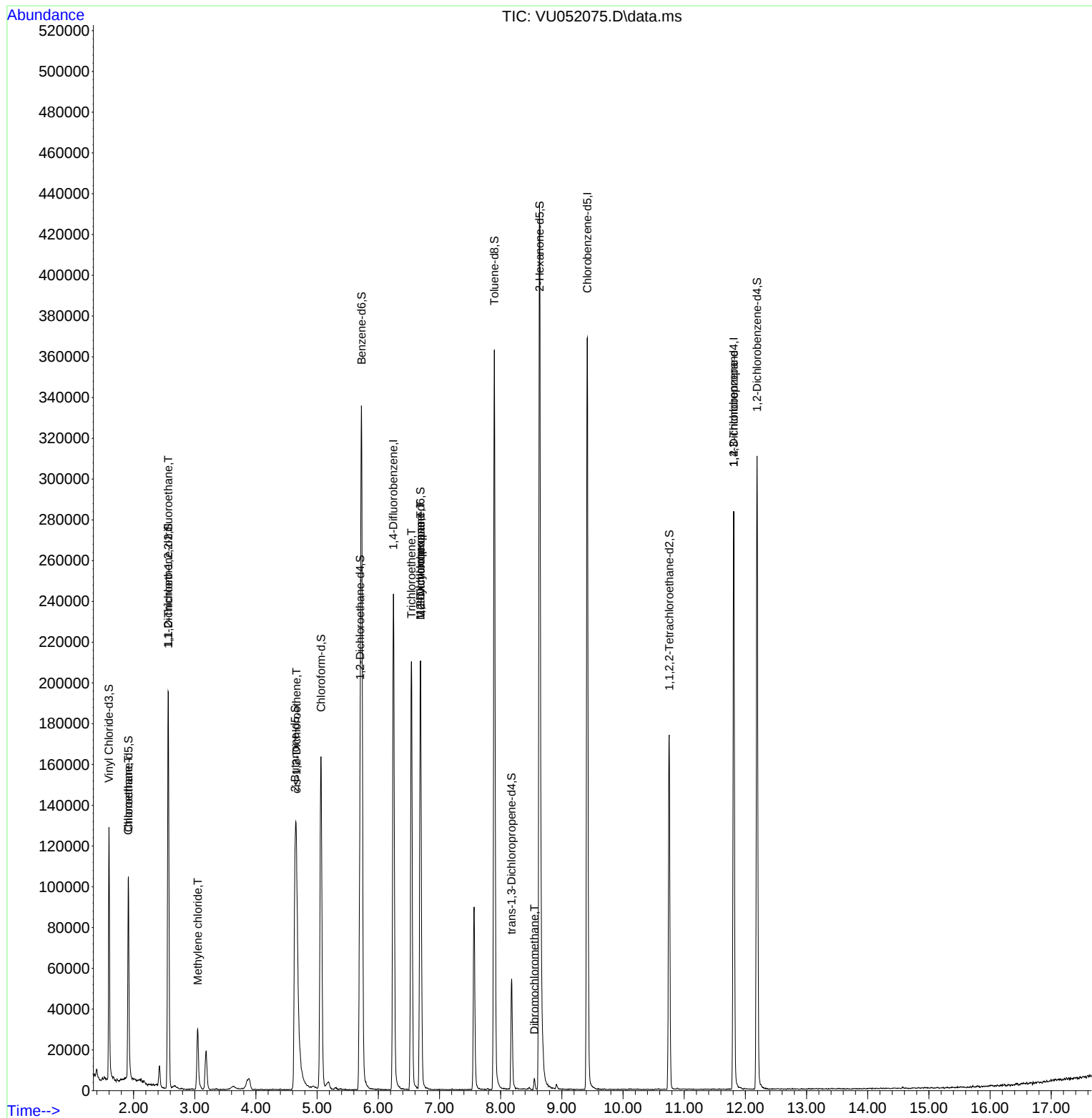
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	204475	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	215059	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	79449	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	95918	4.823	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	96.400%	
7) Chloroethane-d5	1.916	69	79605	5.153	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	103.000%	
11) 1,1-Dichloroethene-d2	2.568	65	36532	5.124	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	102.400%	
20) 2-Butanone-d5	4.642	46	214688	59.550	ug/L	0.03
Spiked Amount	50.000	Range 40 - 130	Recovery	=	119.100%	
24) Chloroform-d	5.063	84	160481	5.491	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	109.800%	
26) 1,2-Dichloroethane-d4	5.703	65	83035	5.625	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	112.600%	
32) Benzene-d6	5.726	84	326273	5.110	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.200%	
36) 1,2-Dichloropropane-d6	6.687	67	106692	5.400	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	108.000%	
41) Toluene-d8	7.896	98	255356	4.420	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	88.400%	
43) trans-1,3-Dichloroprop...	8.179	79	32531	4.518	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	90.400%	
46) 2-Hexanone-d5	8.636	63	153571	50.327	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	100.660%	
56) 1,1,2,2-Tetrachloroeth...	10.754	84	91500	5.341	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	106.800%	
66) 1,2-Dichlorobenzene-d4	12.192	152	87203	5.733	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	114.600%	
Target Compounds						
8) Chloroethane	1.912	64	2968	0.215	ug/L #	61
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	1165	0.078	ug/L #	1
16) Methylene chloride	3.047	84	16214	0.808	ug/L	92
22) cis-1,2-Dichloroethene	4.661	96	15866	0.951	ug/L	96
34) Trichloroethene	6.539	95	75555	4.328	ug/L	99
35) Methylcyclohexane	6.687	83	24638	0.981	ug/L #	20
37) 1,2-Dichloropropane	6.690	63	10578	0.584	ug/L #	88
49) Dibromochloromethane	8.552	129	1290	0.085	ug/L #	12
61) 1,2,3-Trichloropropane	11.809	75	9501	1.045	ug/L #	68

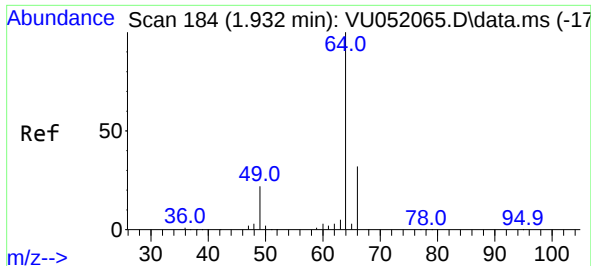
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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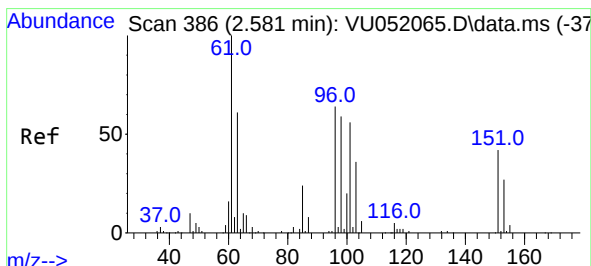
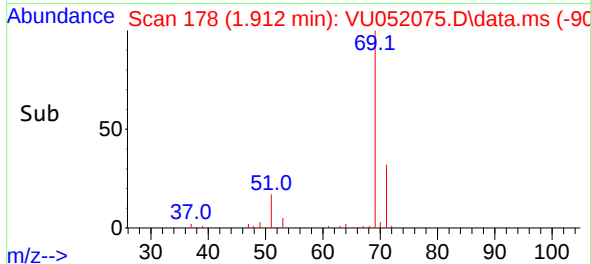
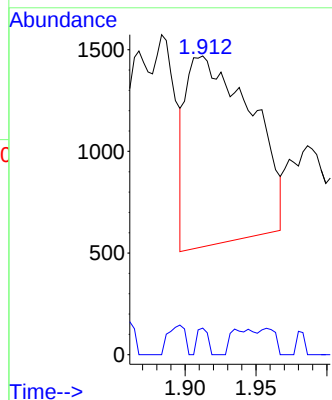
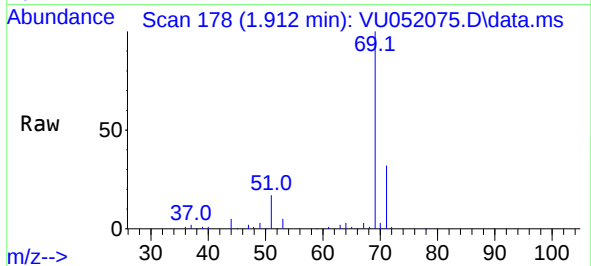




#8
Chloroethane
Concen: 0.215 ug/L
RT: 1.912 min Scan# 11
Delta R.T. -0.016 min
Lab File: VU052075.D
Acq: 23 Nov 2022 07:34

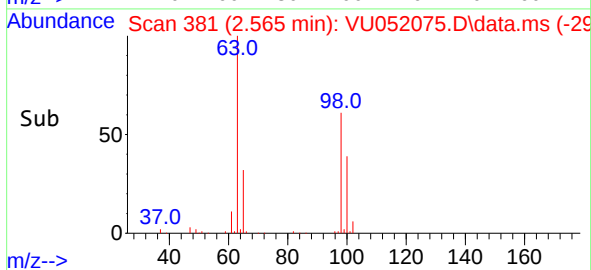
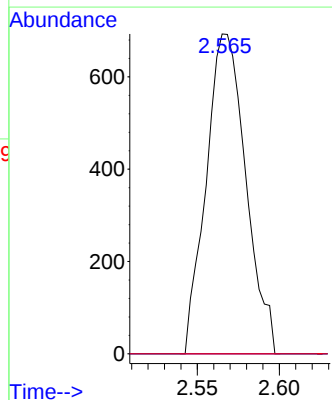
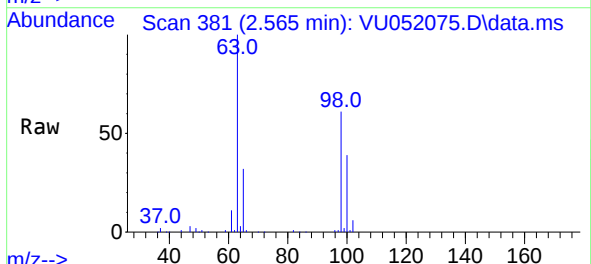
Instrument :
MSVOA_U
ClientSampleId :

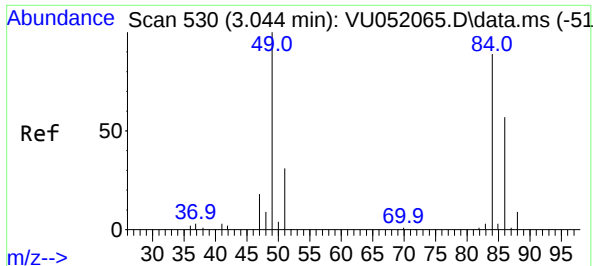
Tgt Ion: 64 Resp: 2968
Ion Ratio Lower Upper
64 100
66 8.9 21.1 39.1#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.078 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.013 min
Lab File: VU052075.D
Acq: 23 Nov 2022 07:34

Tgt Ion:101 Resp: 1165
Ion Ratio Lower Upper
101 100
85 296.5 33.8 50.6#
151 0.0 58.6 88.0#

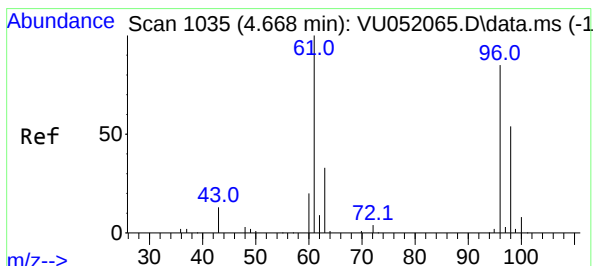
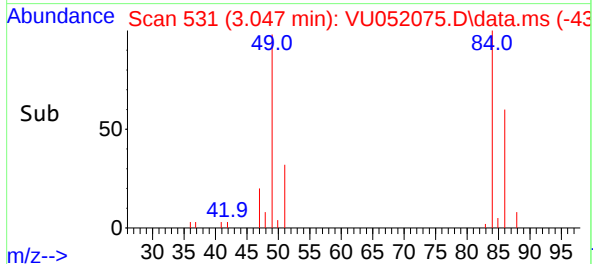
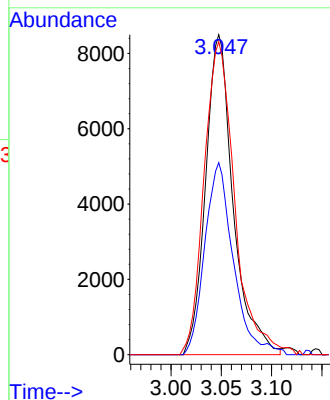
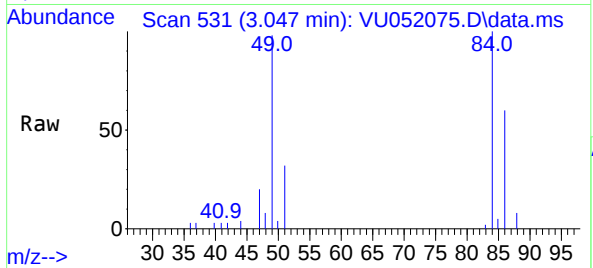




#16
Methylene chloride
Concen: 0.808 ug/L
RT: 3.047 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU052075.D
Acq: 23 Nov 2022 07:34

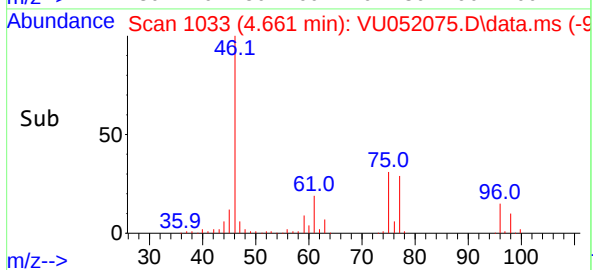
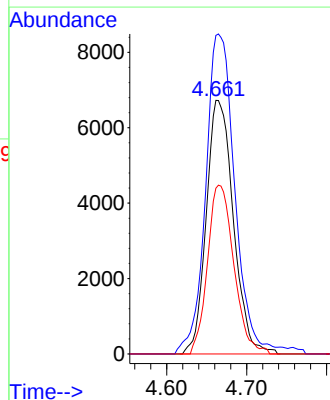
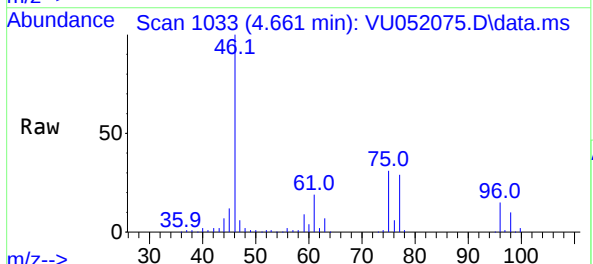
Instrument :
MSVOA_U
ClientSampleId :

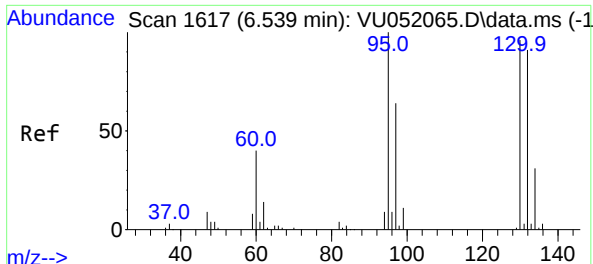
Tgt Ion: 84 Resp: 16214
Ion Ratio Lower Upper
84 100
86 60.0 43.8 81.4
49 97.8 75.9 141.1



#22
cis-1,2-Dichloroethene
Concen: 0.951 ug/L
RT: 4.661 min Scan# 1033
Delta R.T. -0.003 min
Lab File: VU052075.D
Acq: 23 Nov 2022 07:34

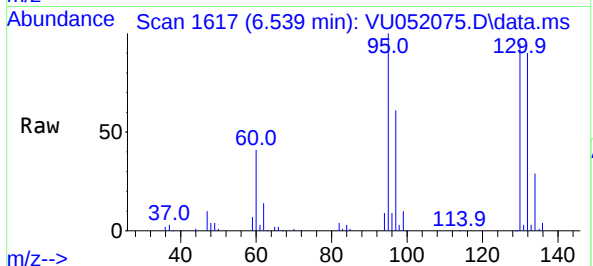
Tgt Ion: 96 Resp: 15866
Ion Ratio Lower Upper
96 100
61 125.6 85.1 158.1
98 65.4 42.8 79.6





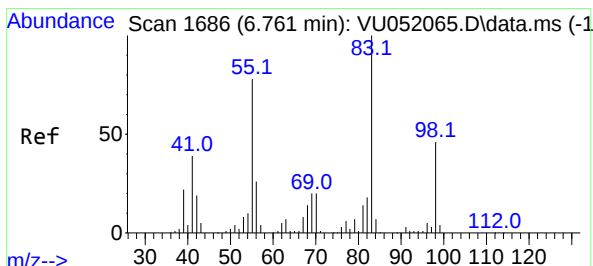
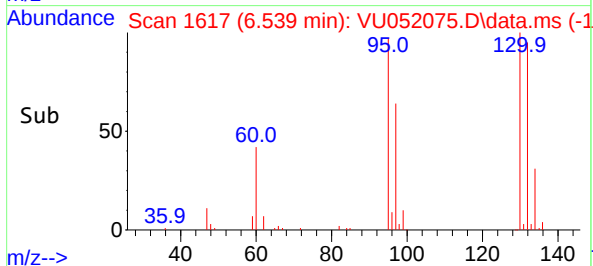
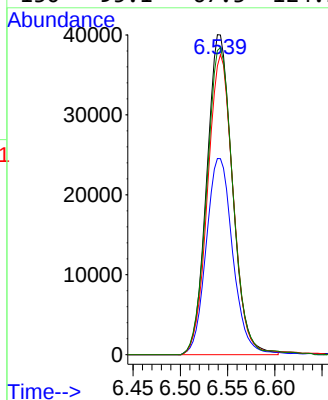
#34
Trichloroethene
Concen: 4.328 ug/L
RT: 6.539 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU052075.D
Acq: 23 Nov 2022 07:34

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 95 Resp: 75555

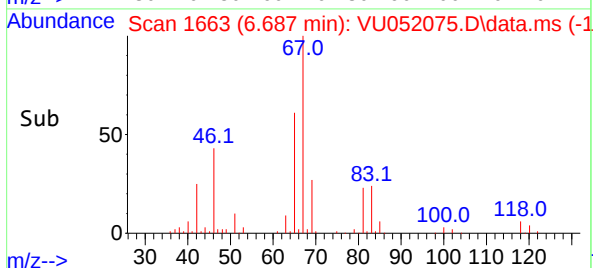
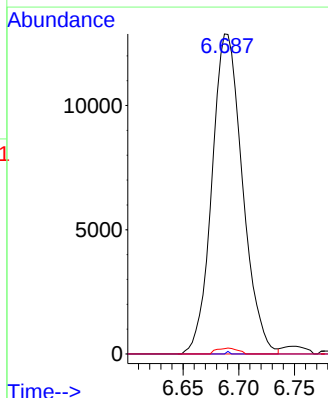
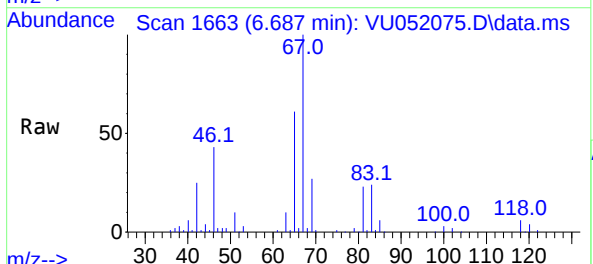
Ion	Ratio	Lower	Upper
95	100		
97	61.3	43.7	81.1
132	90.2	64.3	119.3
130	95.1	67.3	124.9

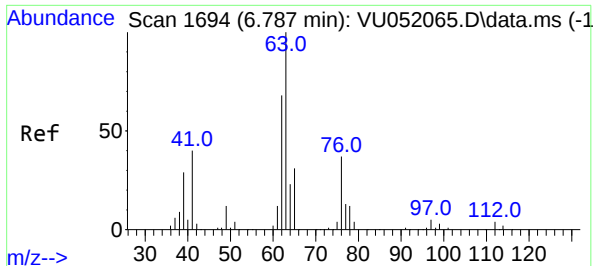


#35
Methylcyclohexane
Concen: 0.981 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.074 min
Lab File: VU052075.D
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Tgt Ion: 83 Resp: 24638

Ion	Ratio	Lower	Upper
83	100		
55	0.1	60.8	91.2#
98	1.3	35.1	52.7#

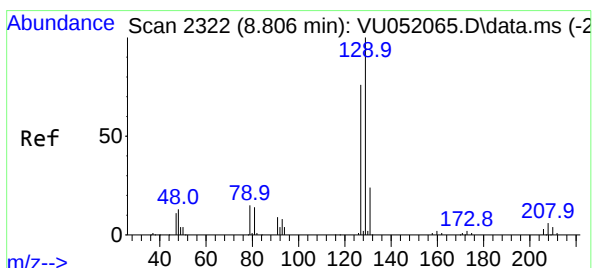
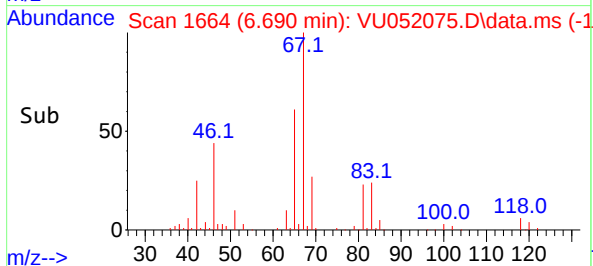
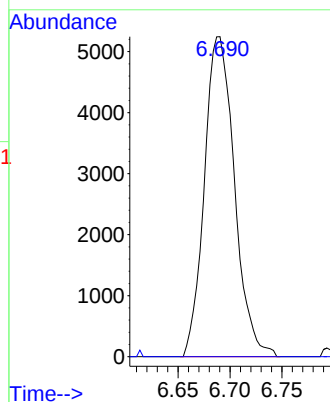
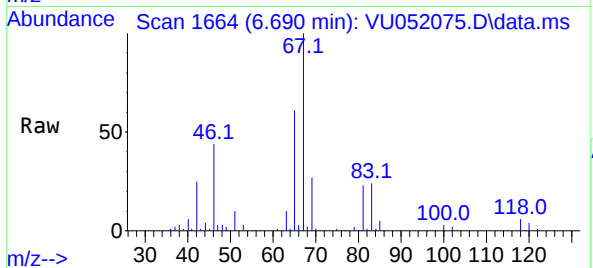




#37
1,2-Dichloropropane
Concen: 0.584 ug/L
RT: 6.690 min Scan# 1
Delta R.T. -0.096 min
Lab File: VU052075.D
Acq: 23 Nov 2022 07:34

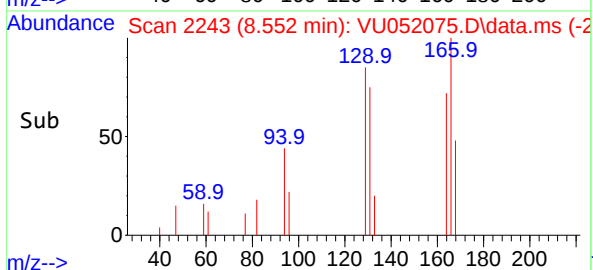
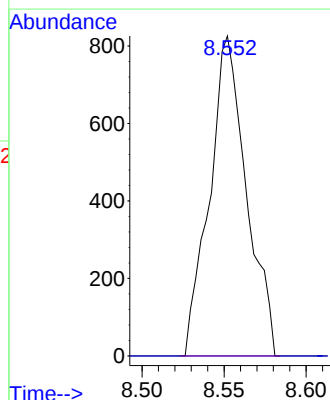
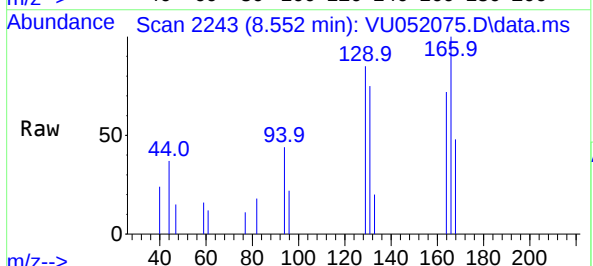
Instrument :
MSVOA_U
ClientSampleId :

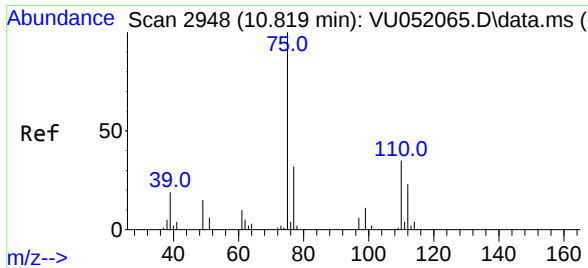
Tgt Ion: 63 Resp: 10578
Ion Ratio Lower Upper
63 100
112 0.2 3.3 4.9#



#49
Dibromochloromethane
Concen: 0.085 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.254 min
Lab File: VU052075.D
Acq: 23 Nov 2022 07:34

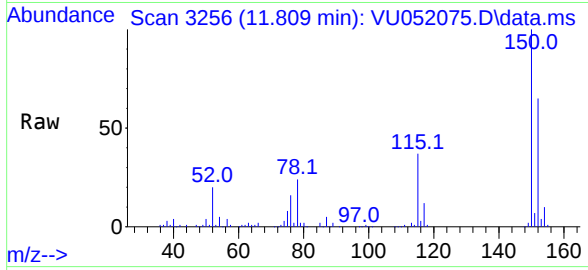
Tgt Ion: 129 Resp: 1290
Ion Ratio Lower Upper
129 100
127 0.0 52.8 98.2#





#61
 1,2,3-Trichloropropane
 Concen: 1.045 ug/L
 RT: 11.809 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU052075.D
 Acq: 23 Nov 2022 07:34

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 9501
 Ion Ratio Lower Upper
 75 100
 110 0.8 28.3 42.5#
 77 31.1 26.2 39.2

