

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081122\
 Data File : VU050236.D
 Acq On : 11 Aug 2022 17:33
 Operator : SY/MD
 Sample : N4160-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 12 01:34:09 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)

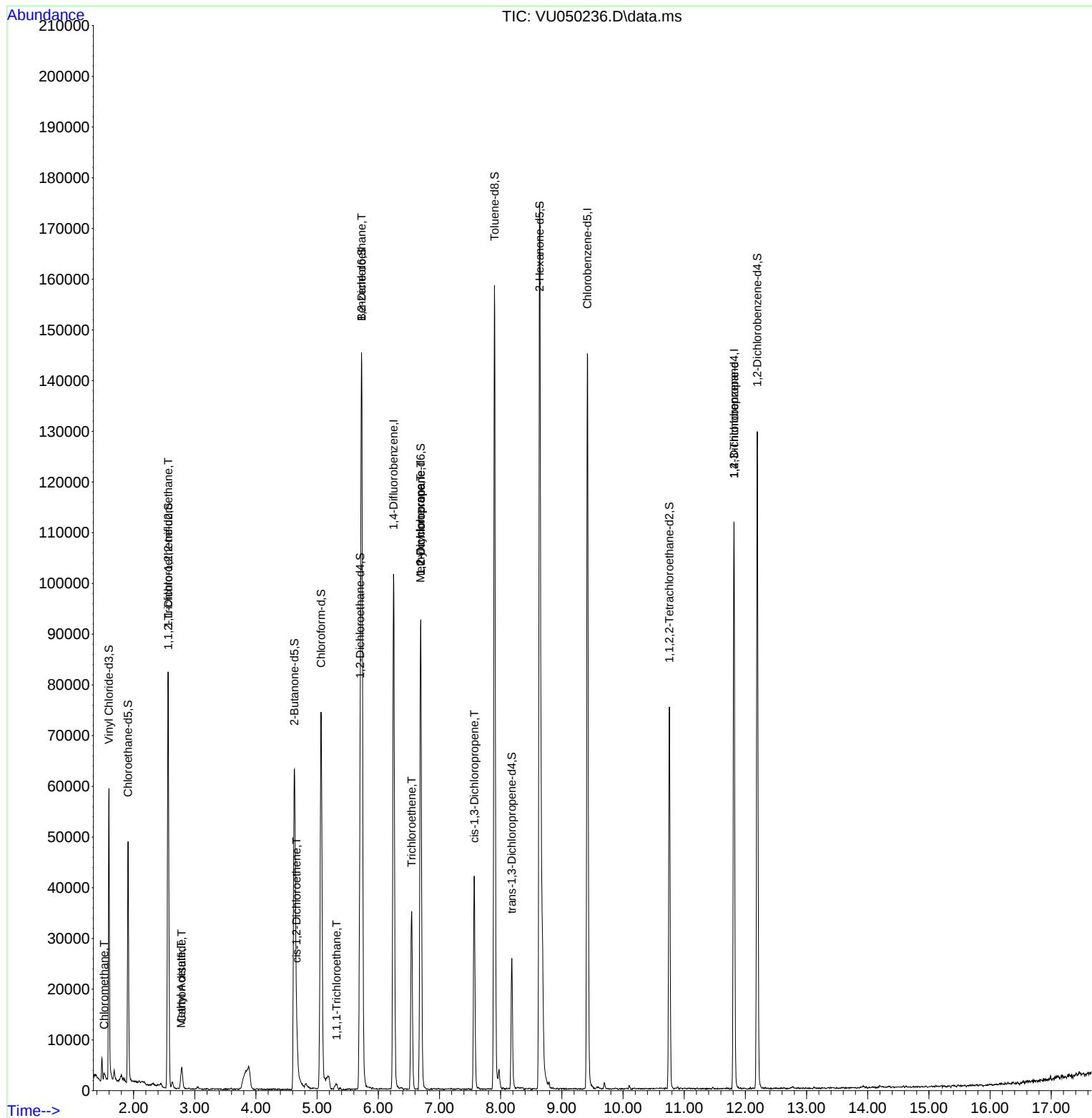
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	84048	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	83864	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	31857	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	42074	6.015	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 120.400%		
7) Chloroethane-d5	1.909	69	34470	6.108	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 122.200%		
11) 1,1-Dichloroethene-d2	2.565	65	15528	5.680	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 113.600%		
20) 2-Butanone-d5	4.626	46	97613	57.228	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	= 114.460%		
24) Chloroform-d	5.063	84	70632	5.429	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 108.600%		
26) 1,2-Dichloroethane-d4	5.703	65	37327	5.588	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 111.800%		
32) Benzene-d6	5.729	84	139301	5.323	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 106.400%		
36) 1,2-Dichloropropane-d6	6.694	67	46622	5.410	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 108.200%		
41) Toluene-d8	7.899	98	110931	4.799	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 96.000%		
43) trans-1,3-Dichloroprop...	8.182	79	15637	5.063	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 101.200%		
46) 2-Hexanone-d5	8.636	63	55265	50.463	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 100.920%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	38829	5.131	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 102.600%		
66) 1,2-Dichlorobenzene-d4	12.195	152	34045	5.454	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 109.000%		
Target Compounds						Qvalue
3) Chloromethane	1.520	50	1513	0.150	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	369	0.067	ug/L #	22
14) Carbon disulfide	2.787	76	2727	0.131	ug/L	99
15) Methyl Acetate	2.777	43	1040	0.401	ug/L #	46
22) cis-1,2-Dichloroethene	4.665	96	1472	0.204	ug/L	84
27) 1,2-Dichloroethane	5.729	62	807	0.101	ug/L #	73
29) 1,1,1-Trichloroethane	5.317	97	967	0.094	ug/L #	86
34) Trichloroethene	6.546	95	12923	1.818	ug/L	96
35) Methylcyclohexane	6.690	83	10571	1.152	ug/L #	21
37) 1,2-Dichloropropane	6.694	63	4750	0.607	ug/L #	89
39) cis-1,3-Dichloropropene	7.571	75	973	0.095	ug/L #	64
61) 1,2,3-Trichloropropane	11.816	75	3519	0.811	ug/L #	66

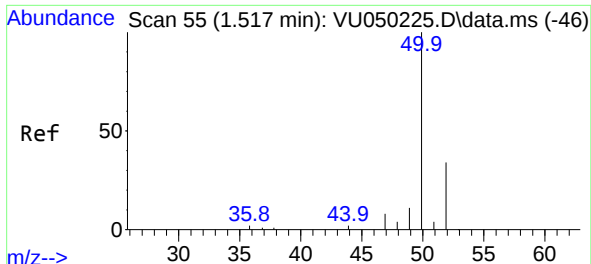
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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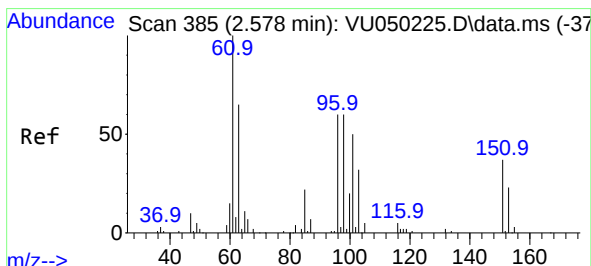
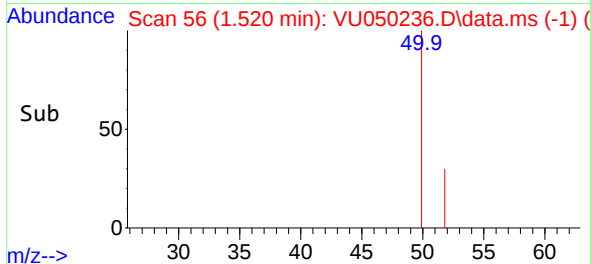
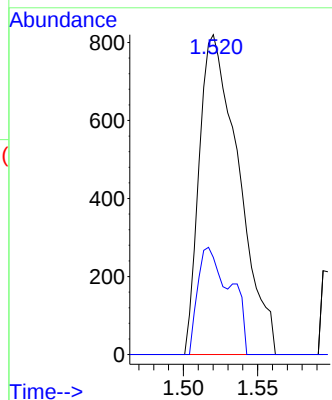
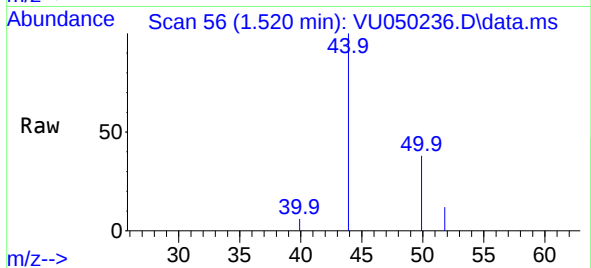




#3
Chloromethane
Concen: 0.150 ug/L
RT: 1.520 min Scan# 50
Delta R.T. 0.003 min
Lab File: VU050236.D
Acq: 11 Aug 2022 17:33

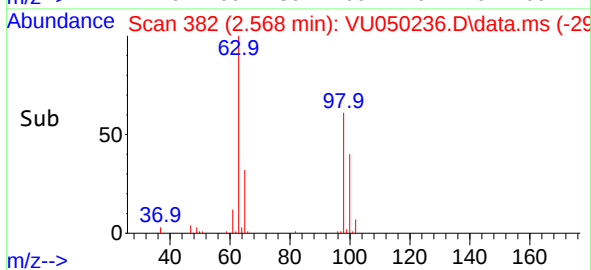
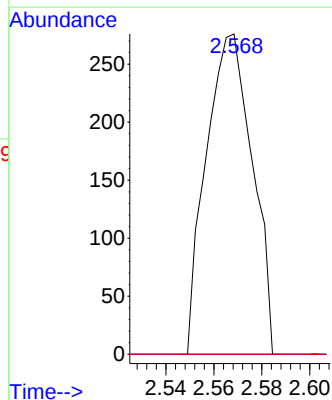
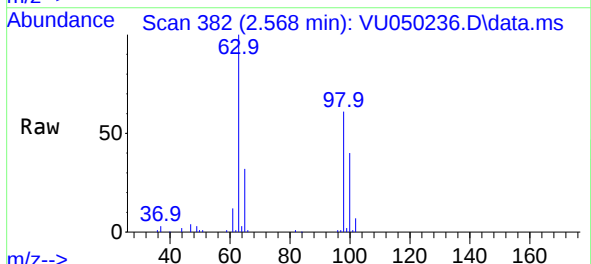
Instrument :
MSVOA_U
ClientSampleId :

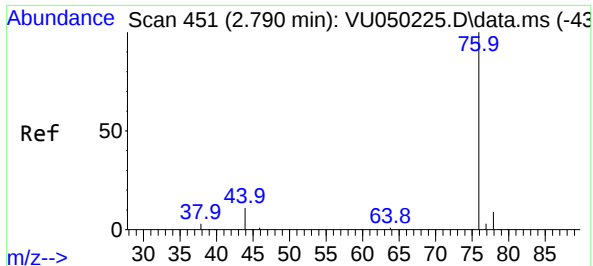
Tgt Ion: 50 Resp: 1513
Ion Ratio Lower Upper
50 100
52 30.4 23.2 43.2



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.067 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.010 min
Lab File: VU050236.D
Acq: 11 Aug 2022 17:33

Tgt Ion: 101 Resp: 369
Ion Ratio Lower Upper
101 100
85 0.0 35.6 53.4#
151 0.0 55.2 82.8#

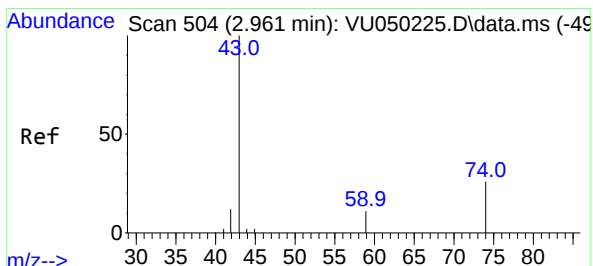
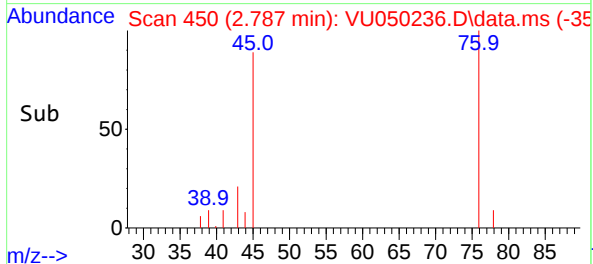
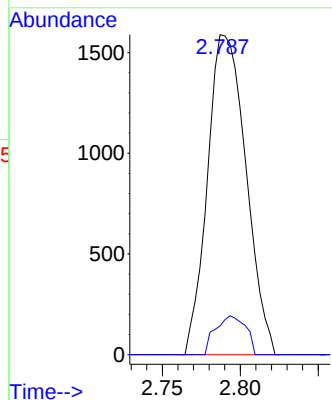
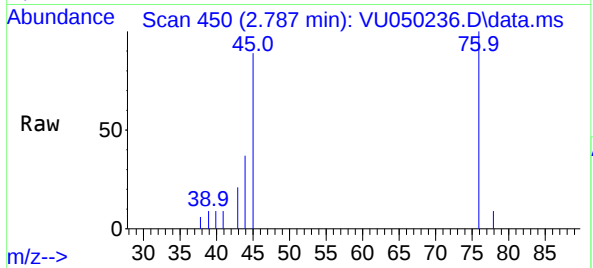




#14
Carbon disulfide
Concen: 0.131 ug/L
RT: 2.787 min Scan# 446
Delta R.T. -0.003 min
Lab File: VU050236.D
Acq: 11 Aug 2022 17:33

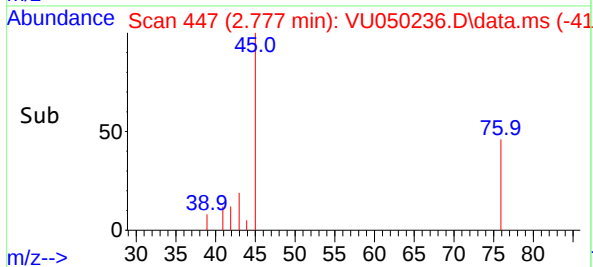
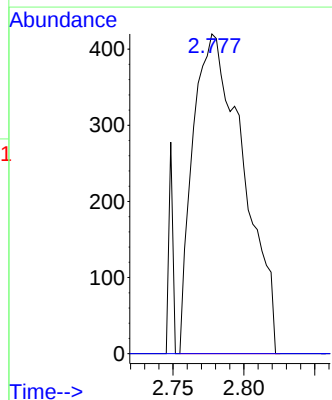
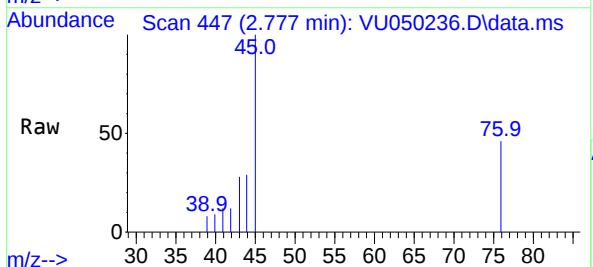
Instrument :
MSVOA_U
ClientSampleId :

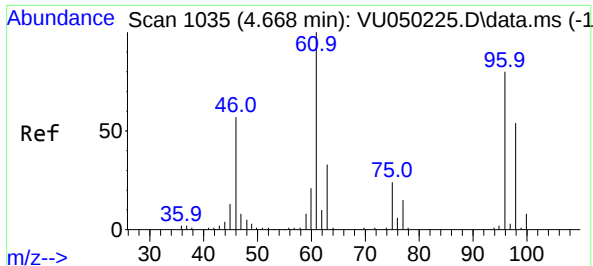
Tgt Ion: 76 Resp: 2727
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0



#15
Methyl Acetate
Concen: 0.401 ug/L
RT: 2.777 min Scan# 447
Delta R.T. -0.183 min
Lab File: VU050236.D
Acq: 11 Aug 2022 17:33

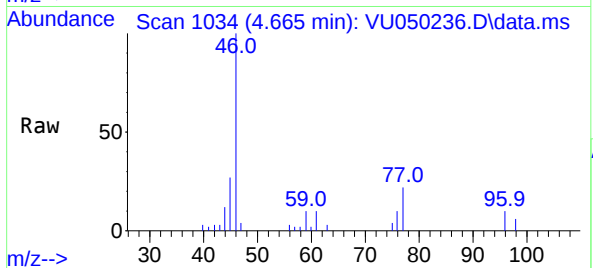
Tgt Ion: 43 Resp: 1040
Ion Ratio Lower Upper
43 100
74 0.0 22.7 34.1#





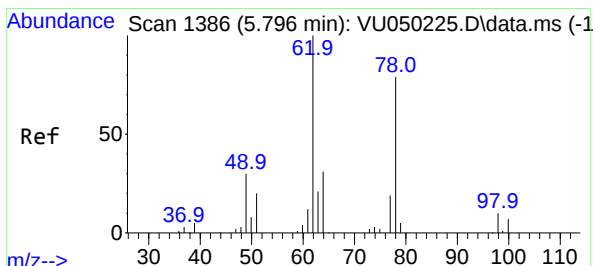
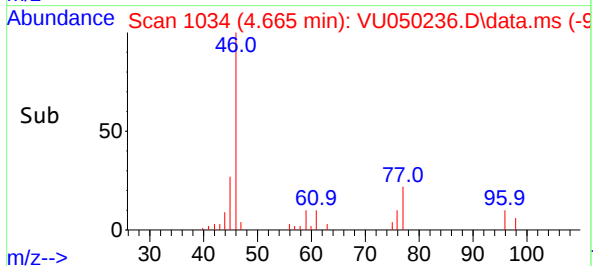
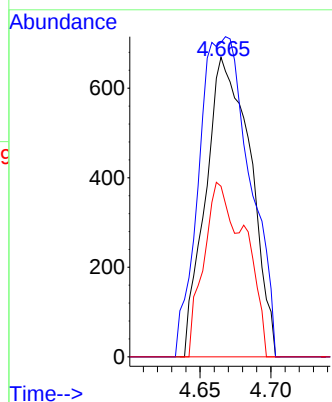
#22
 cis-1,2-Dichloroethene
 Concen: 0.204 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. -0.003 min
 Lab File: VU050236.D
 Acq: 11 Aug 2022 17:33

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 96 Resp: 1472

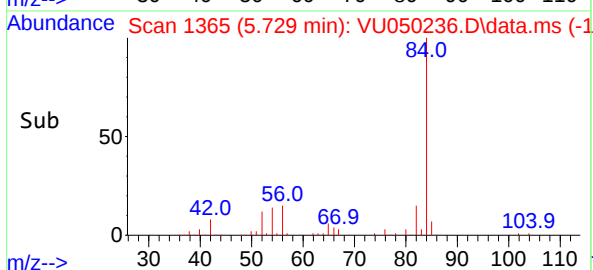
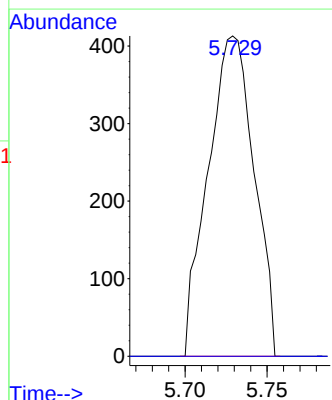
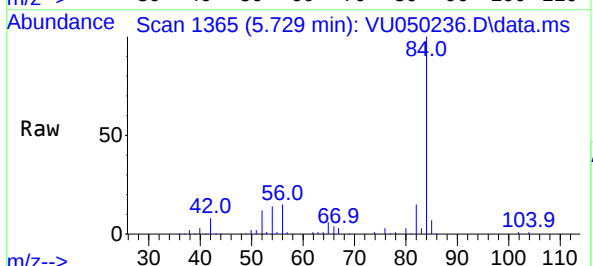
Ion	Ratio	Lower	Upper
96	100		
61	104.9	89.0	165.4
98	57.0	45.2	84.0

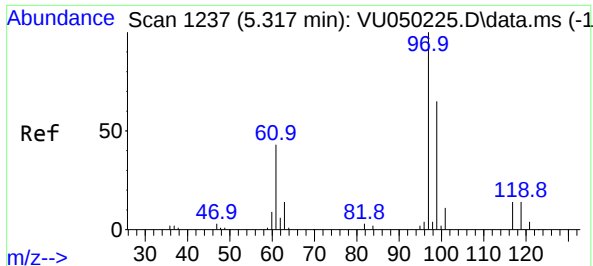


#27
 1,2-Dichloroethane
 Concen: 0.101 ug/L
 RT: 5.729 min Scan# 1365
 Delta R.T. -0.067 min
 Lab File: VU050236.D
 Acq: 11 Aug 2022 17:33

Tgt Ion: 62 Resp: 807

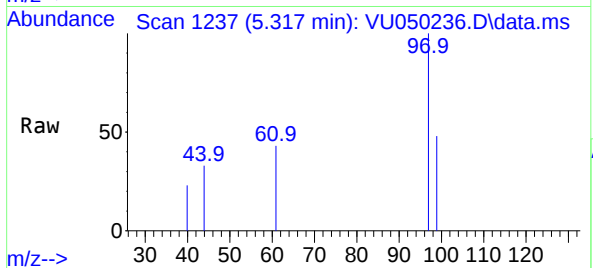
Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.8	11.8#





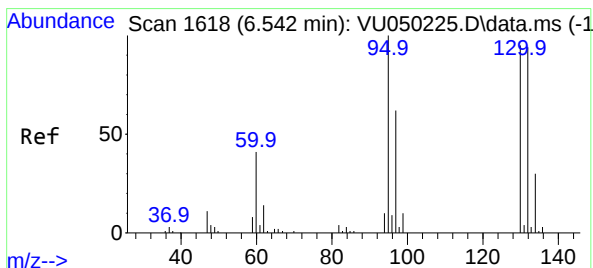
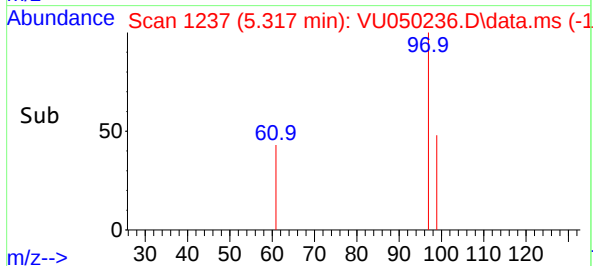
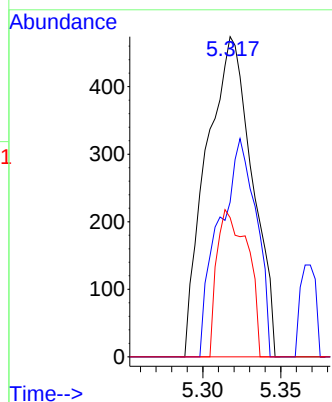
#29
1,1,1-Trichloroethane
Concen: 0.094 ug/L
RT: 5.317 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU050236.D
Acq: 11 Aug 2022 17:33

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 97 Resp: 967

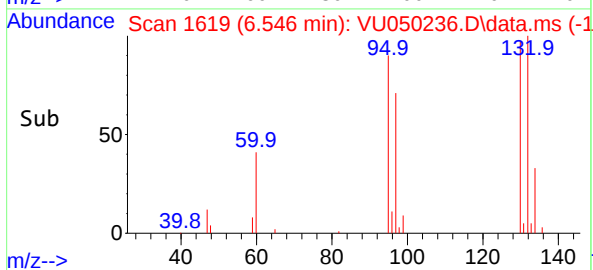
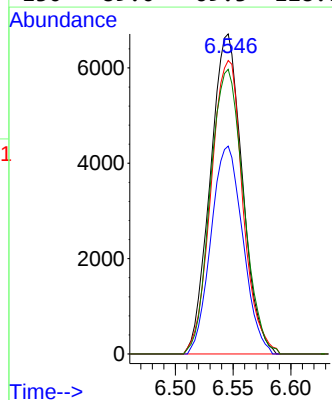
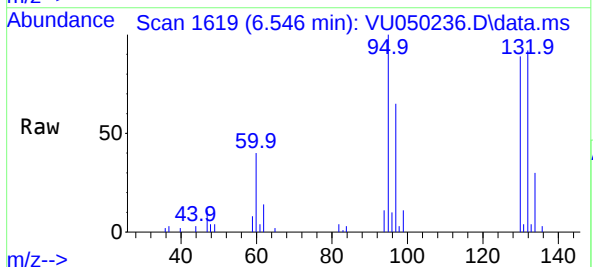
Ion	Ratio	Lower	Upper
97	100		
99	55.3	51.5	77.3
61	30.8	34.2	51.4#

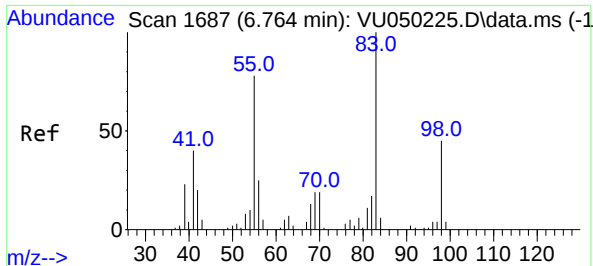


#34
Trichloroethene
Concen: 1.818 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.003 min
Lab File: VU050236.D
Acq: 11 Aug 2022 17:33

Tgt Ion: 95 Resp: 12923

Ion	Ratio	Lower	Upper
95	100		
97	64.9	45.6	84.8
132	91.7	65.0	120.6
130	89.0	69.3	128.7





#35

Methylcyclohexane

Concen: 1.152 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU050236.D

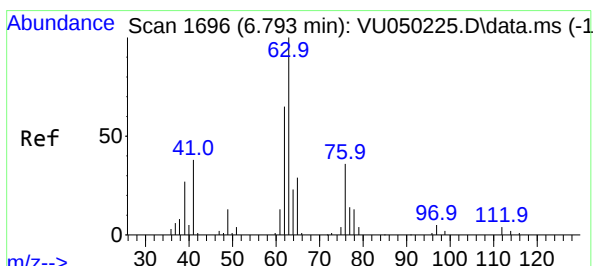
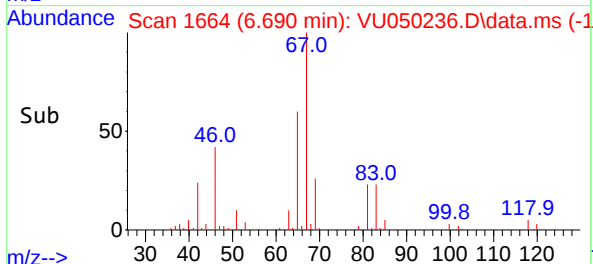
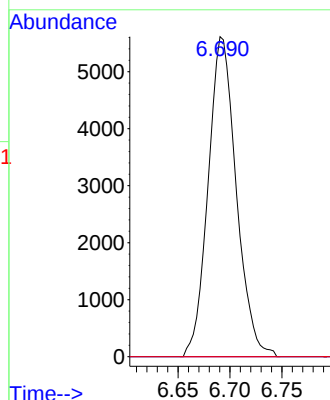
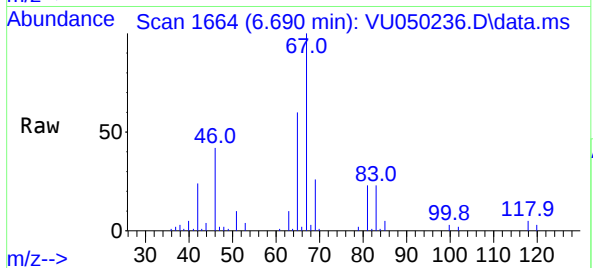
Acq: 11 Aug 2022 17:33

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	10571
Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.7	94.1#
98	4.9	36.2	54.2#



#37

1,2-Dichloropropane

Concen: 0.607 ug/L

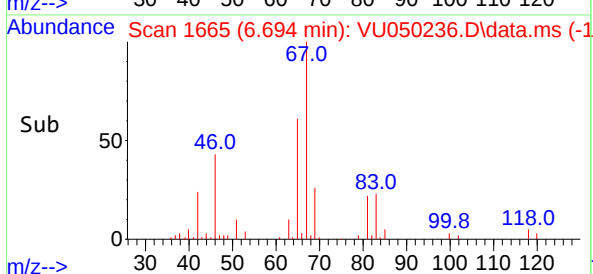
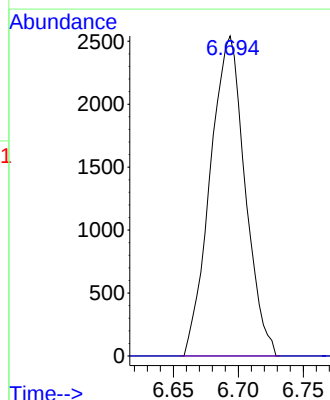
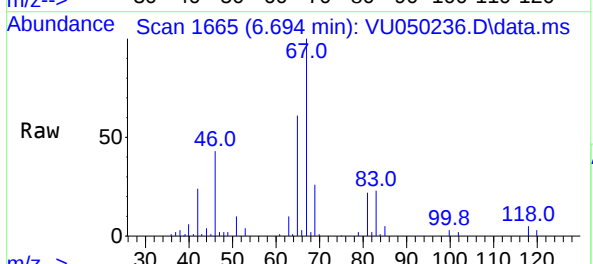
RT: 6.694 min Scan# 1665

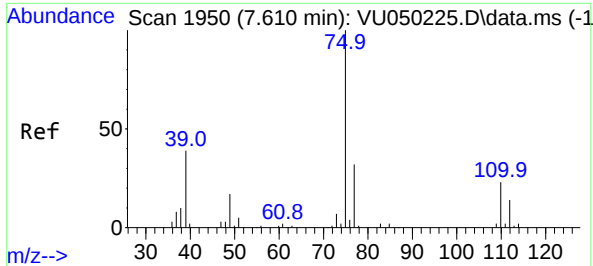
Delta R.T. -0.100 min

Lab File: VU050236.D

Acq: 11 Aug 2022 17:33

Tgt Ion:	63	Resp:	4750
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.4#

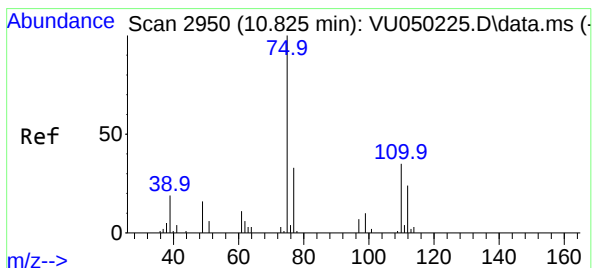
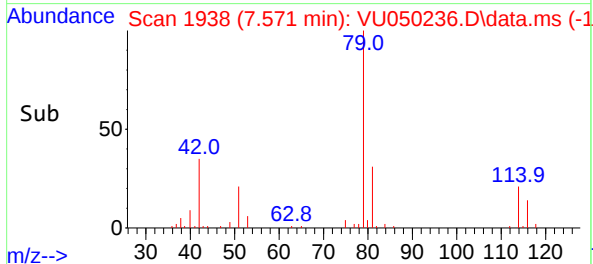
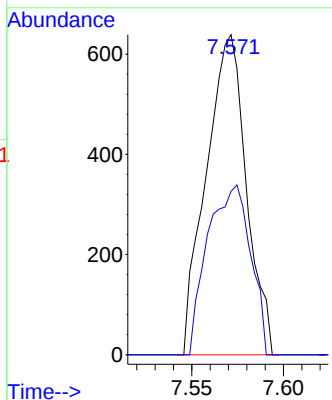
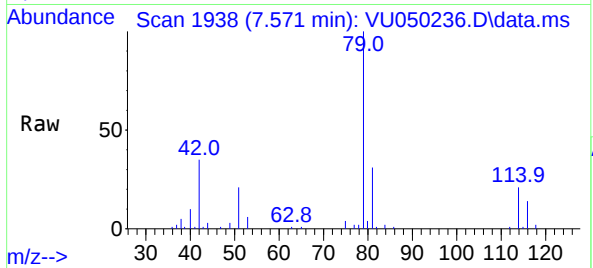




#39
 cis-1,3-Dichloropropene
 Concen: 0.095 ug/L
 RT: 7.571 min Scan# 1950
 Delta R.T. -0.038 min
 Lab File: VU050236.D
 Acq: 11 Aug 2022 17:33

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion: 75 Resp: 973
 Ion Ratio Lower Upper
 75 100
 77 51.0 21.8 40.4#



#61
 1,2,3-Trichloropropane
 Concen: 0.811 ug/L
 RT: 11.816 min Scan# 3258
 Delta R.T. 0.990 min
 Lab File: VU050236.D
 Acq: 11 Aug 2022 17:33

Tgt Ion: 75 Resp: 3519
 Ion Ratio Lower Upper
 75 100
 110 0.0 28.5 42.7#
 77 34.6 25.8 38.6

