

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112222\
 Data File : VU052083.D
 Acq On : 23 Nov 2022 11:00
 Operator : JC/MD
 Sample : N5760-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 24 08:58:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 24 05:20:45 2022
 Response via : Initial Calibration

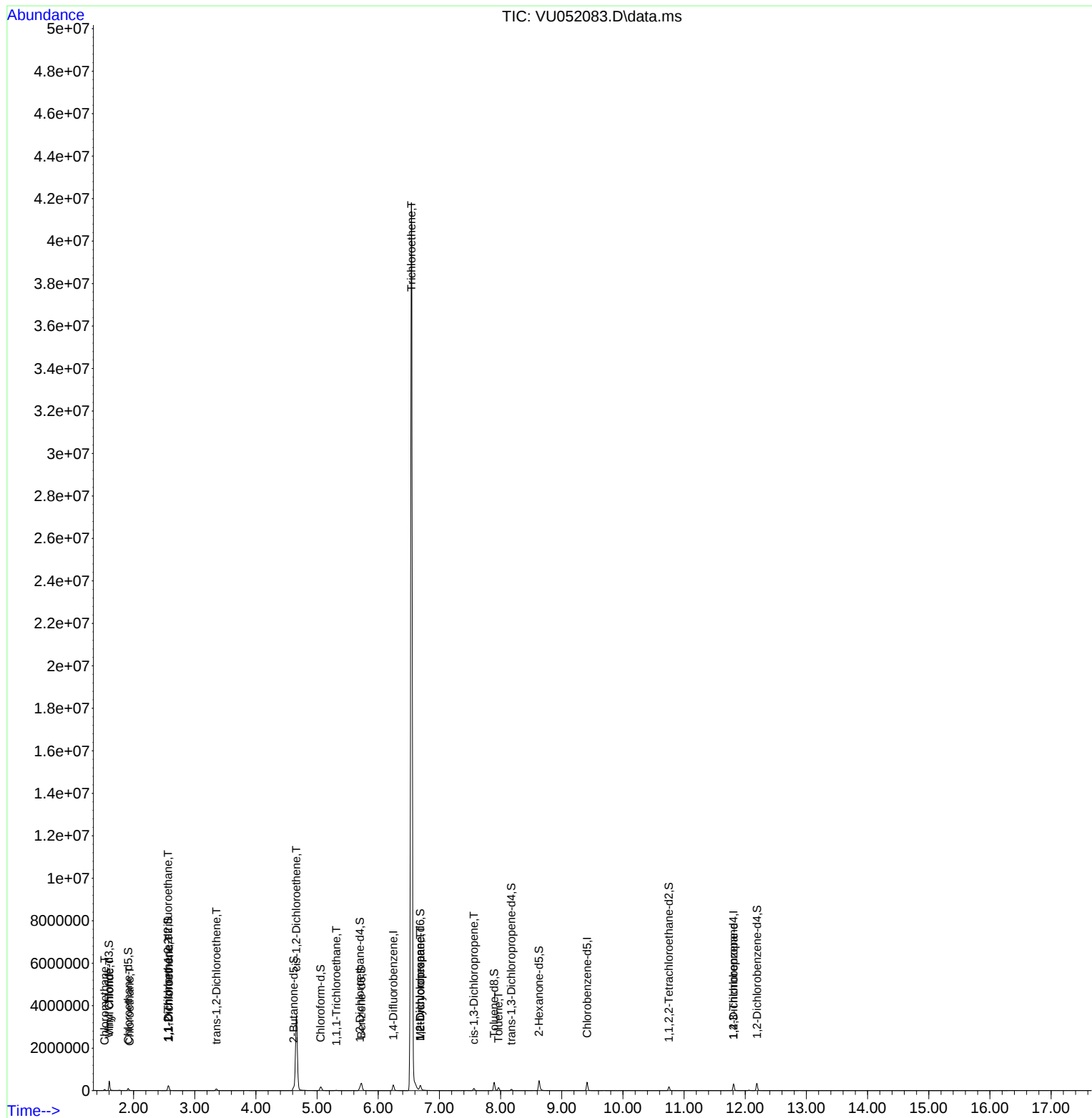
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	223310	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	227936	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	84606	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	94801	4.364	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	87.200%	
7) Chloroethane-d5	1.912	69	80284	4.759	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	95.200%	
11) 1,1-Dichloroethene-d2	2.565	65	35177	4.518	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	90.400%	
20) 2-Butanone-d5	4.616	46	206962	52.565	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	105.120%	
24) Chloroform-d	5.060	84	163753	5.131	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.600%	
26) 1,2-Dichloroethane-d4	5.700	65	84256	5.227	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	104.600%	
32) Benzene-d6	5.726	84	343871	5.082	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.600%	
36) 1,2-Dichloropropane-d6	6.687	67	110765	5.289	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	105.800%	
41) Toluene-d8	7.896	98	277149	4.527	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.600%	
43) trans-1,3-Dichloroprop...	8.176	79	35230	4.616	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	92.400%	
46) 2-Hexanone-d5	8.629	63	160564	49.646	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	99.300%	
56) 1,1,2,2-Tetrachloroeth...	10.751	84	92313	5.084	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	101.600%	
66) 1,2-Dichlorobenzene-d4	12.192	152	95061	5.869	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	117.400%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.527	50	39968	1.581	ug/L	99
5) Vinyl chloride	1.604	62	250178	10.301	ug/L	98
8) Chloroethane	1.935	64	1659	0.110	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	1236	0.076	ug/L #	20
12) 1,1-Dichloroethene	2.578	96	30373	1.875	ug/L #	54
18) trans-1,2-Dichloroethene	3.353	96	35772	2.060	ug/L	94
22) cis-1,2-Dichloroethene	4.662	96	1913617	105.002	ug/L	98
29) 1,1,1-Trichloroethane	5.314	97	10370	0.410	ug/L	95
34) Trichloroethene	6.542	95	15155131	819.094	ug/L	95
35) Methylcyclohexane	6.687	83	23585	0.886	ug/L #	19
37) 1,2-Dichloropropane	6.687	63	11173	0.582	ug/L #	89
39) cis-1,3-Dichloropropene	7.565	75	2444	0.099	ug/L #	51
42) Toluene	7.967	91	107657	1.411	ug/L	97
61) 1,2,3-Trichloropropane	11.809	75	10045	1.037	ug/L #	69

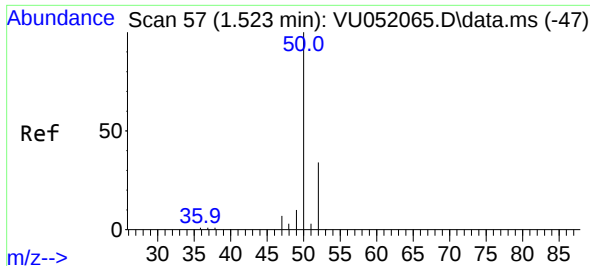
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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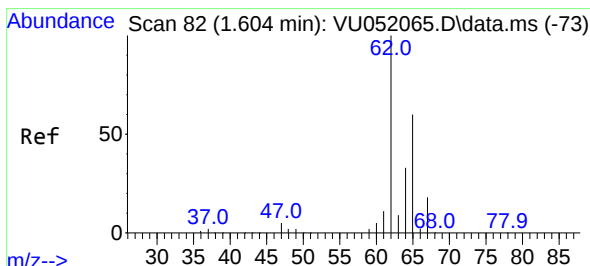
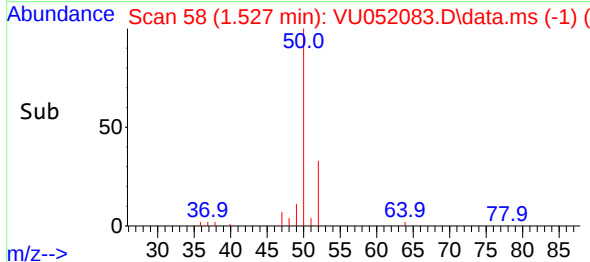
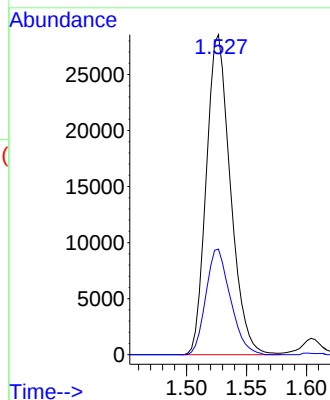
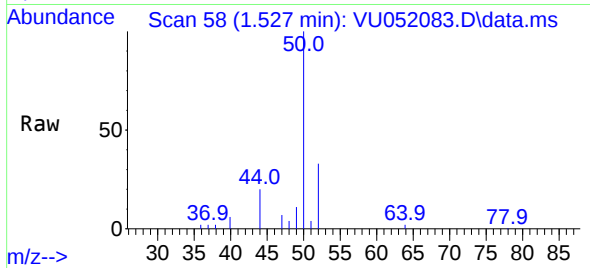




#3
Chloromethane
Concen: 1.581 ug/L
RT: 1.527 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU052083.D
Acq: 23 Nov 2022 11:00

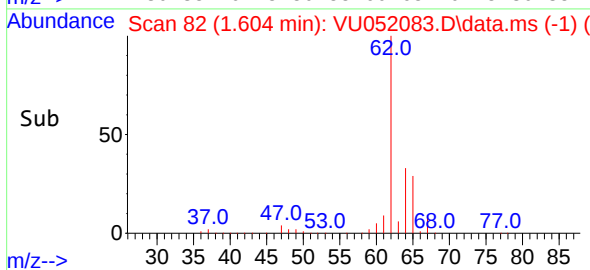
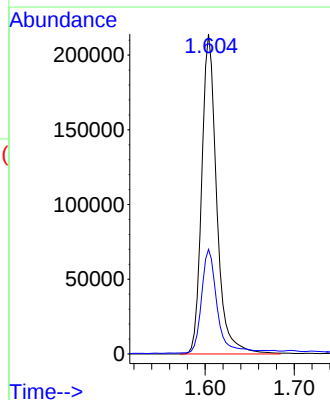
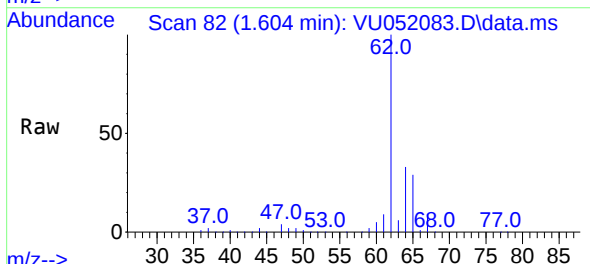
Instrument :
MSVOA_U
ClientSampleId :

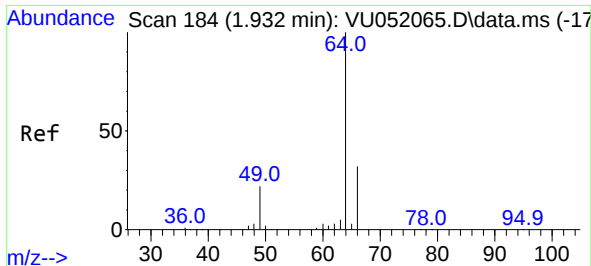
Tgt Ion: 50 Resp: 39968
Ion Ratio Lower Upper
50 100
52 33.0 23.4 43.4



#5
Vinyl chloride
Concen: 10.301 ug/L
RT: 1.604 min Scan# 82
Delta R.T. 0.000 min
Lab File: VU052083.D
Acq: 23 Nov 2022 11:00

Tgt Ion: 62 Resp: 250178
Ion Ratio Lower Upper
62 100
64 32.7 23.5 43.7

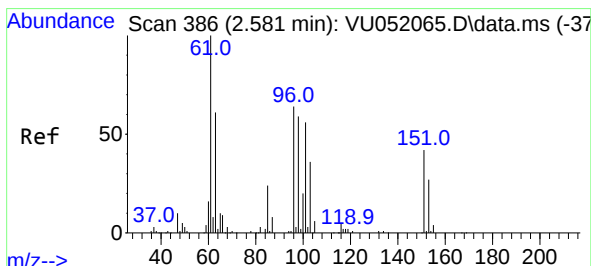
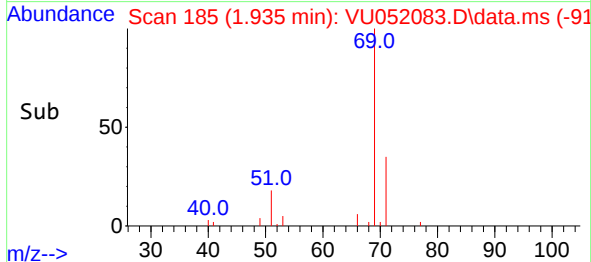
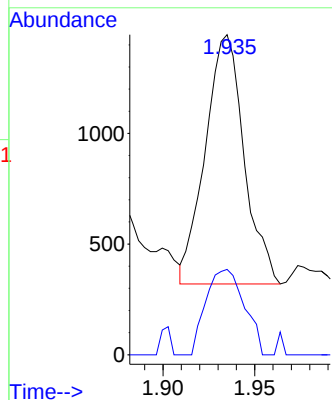
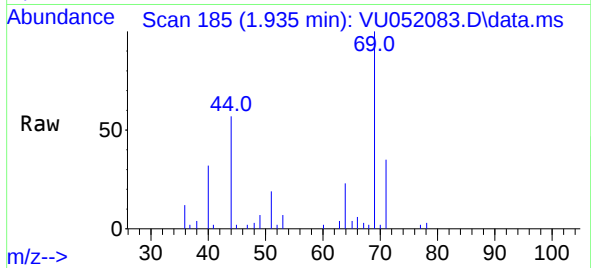




#8
Chloroethane
Concen: 0.110 ug/L
RT: 1.935 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU052083.D
Acq: 23 Nov 2022 11:00

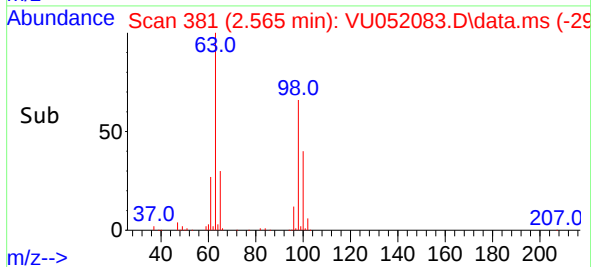
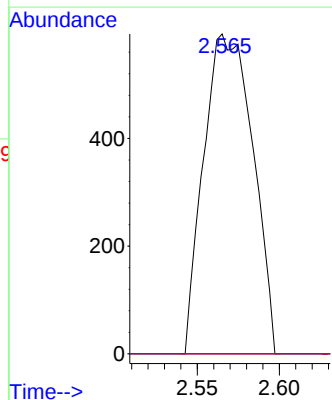
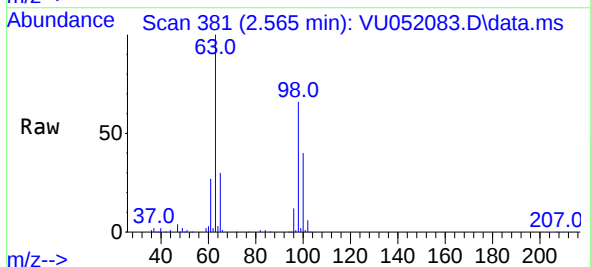
Instrument :
MSVOA_U
ClientSampleId :

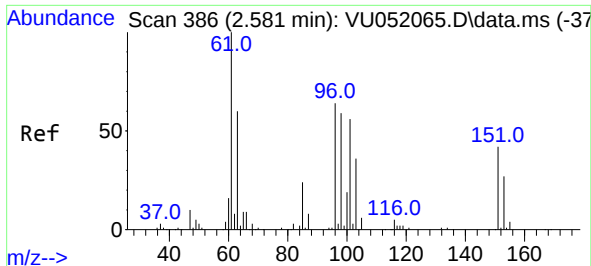
Tgt Ion: 64 Resp: 1659
Ion Ratio Lower Upper
64 100
66 26.7 21.1 39.1



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.076 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.016 min
Lab File: VU052083.D
Acq: 23 Nov 2022 11:00

Tgt Ion:101 Resp: 1236
Ion Ratio Lower Upper
101 100
85 0.0 33.8 50.6#
151 0.0 58.6 88.0#





#12

1,1-Dichloroethene

Concen: 1.875 ug/L

RT: 2.578 min Scan# 386

Delta R.T. 0.000 min

Lab File: VU052083.D

Acq: 23 Nov 2022 11:00

Instrument :

MSVOA_U

ClientSampleId :

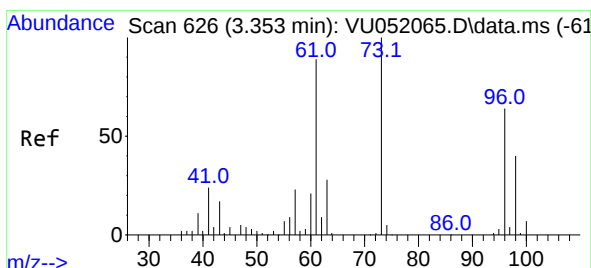
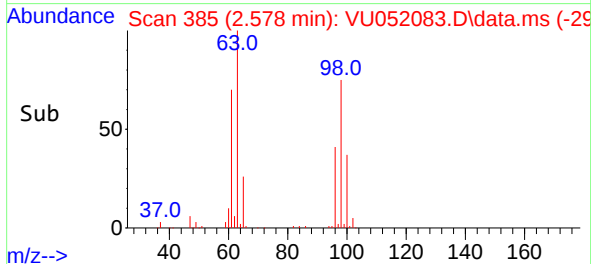
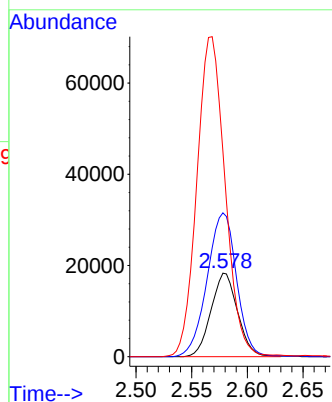
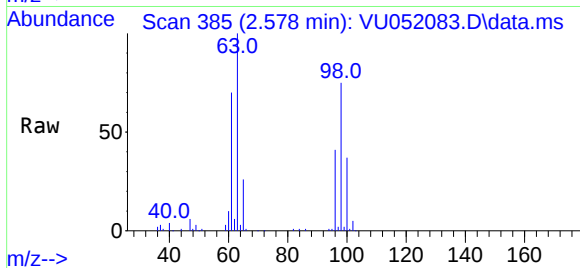
Tgt Ion: 96 Resp: 30373

Ion Ratio Lower Upper

96 100

61 172.1 114.8 213.2

63 245.7 93.7 174.1#



#18

trans-1,2-Dichloroethene

Concen: 2.060 ug/L

RT: 3.353 min Scan# 626

Delta R.T. 0.000 min

Lab File: VU052083.D

Acq: 23 Nov 2022 11:00

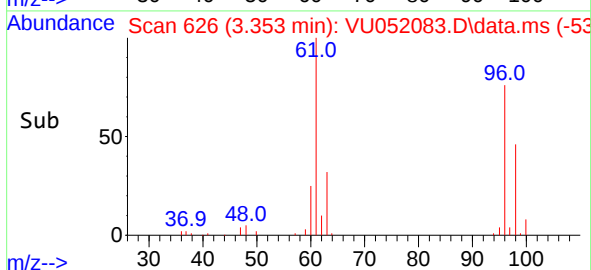
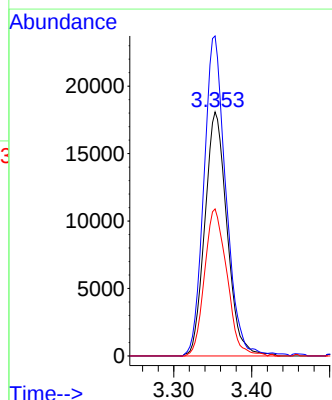
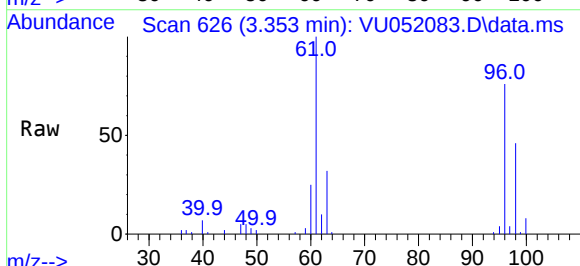
Tgt Ion: 96 Resp: 35772

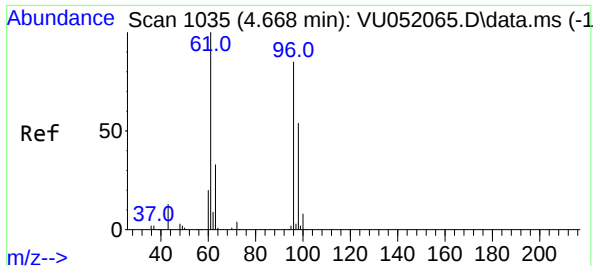
Ion Ratio Lower Upper

96 100

61 131.1 97.9 181.7

98 60.3 43.8 81.3





#22

cis-1,2-Dichloroethene

Concen: 105.002 ug/L

RT: 4.662 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU052083.D

Acq: 23 Nov 2022 11:00

Instrument :

MSVOA_U

ClientSampleId :

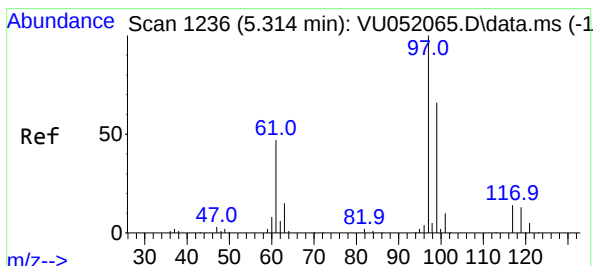
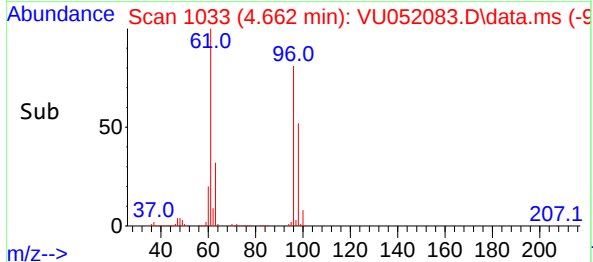
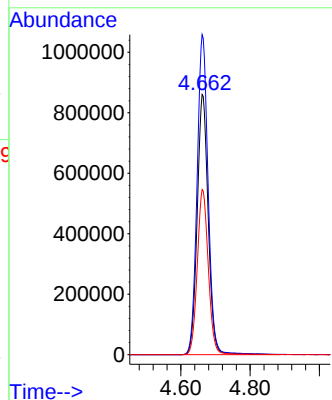
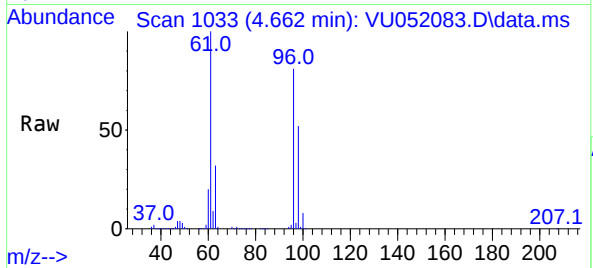
Tgt Ion: 96 Resp: 1913617

Ion Ratio Lower Upper

96 100

61 123.0 85.1 158.1

98 63.5 42.8 79.6



#29

1,1,1-Trichloroethane

Concen: 0.410 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. 0.000 min

Lab File: VU052083.D

Acq: 23 Nov 2022 11:00

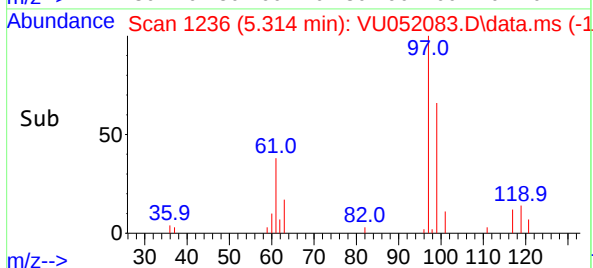
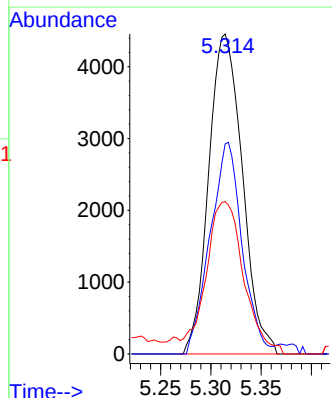
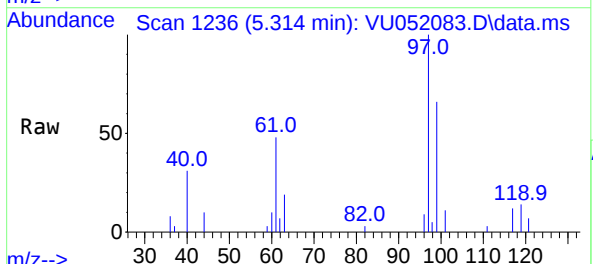
Tgt Ion: 97 Resp: 10370

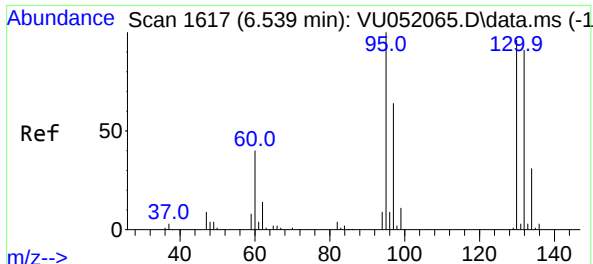
Ion Ratio Lower Upper

97 100

99 62.9 51.0 76.6

61 53.3 36.9 55.3



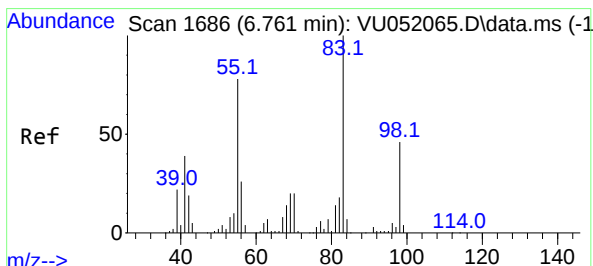
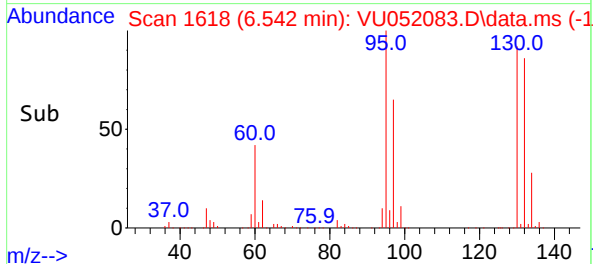
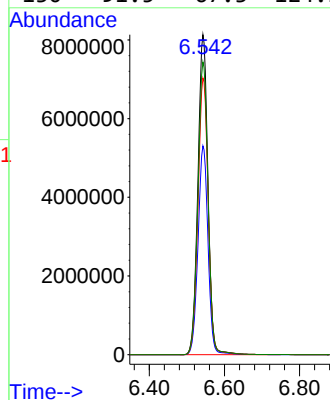
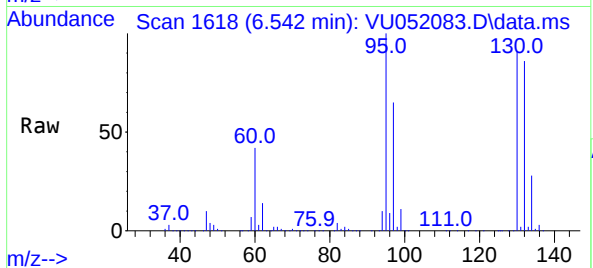


#34
Trichloroethene
Concen: 819.094 ug/L
RT: 6.542 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU052083.D
Acq: 23 Nov 2022 11:00

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp:15155131

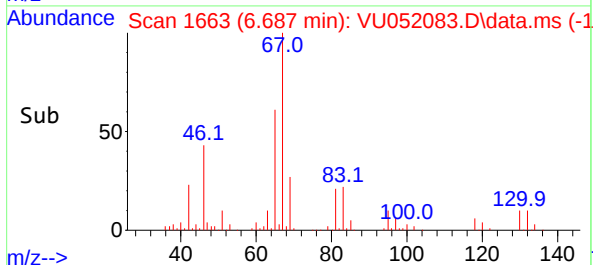
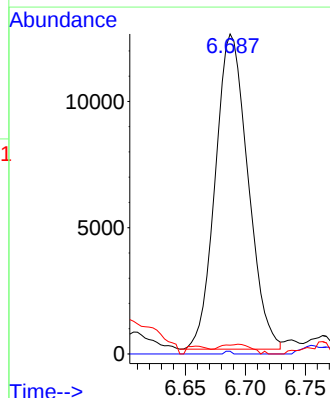
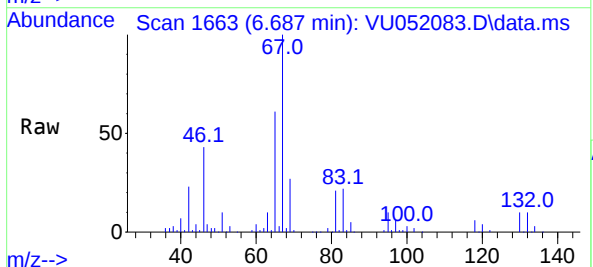
Ion	Ratio	Lower	Upper
95	100		
97	65.2	43.7	81.1
132	86.4	64.3	119.3
130	91.5	67.3	124.9

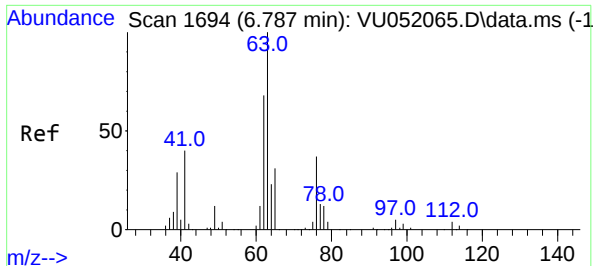


#35
Methylcyclohexane
Concen: 0.886 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.074 min
Lab File: VU052083.D
Acq: 23 Nov 2022 11:00

Tgt Ion: 83 Resp: 23585

Ion	Ratio	Lower	Upper
83	100		
55	0.2	60.8	91.2#
98	0.0	35.1	52.7#

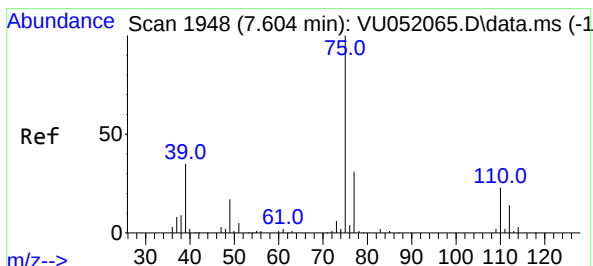
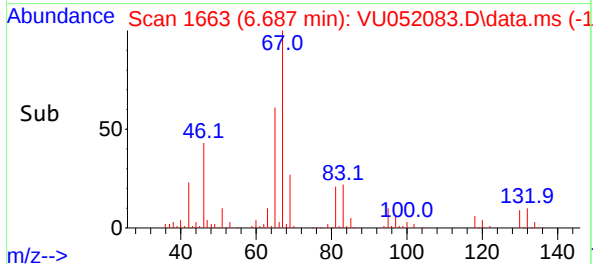
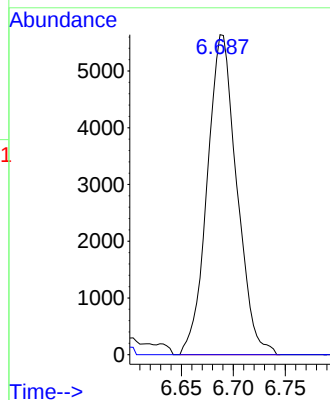
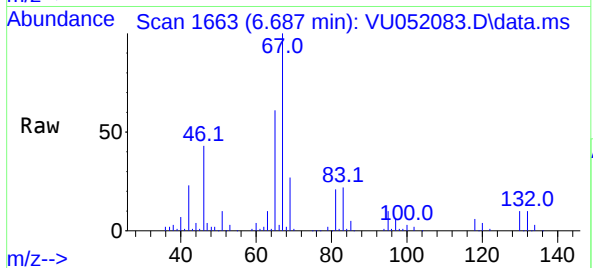




#37
1,2-Dichloropropane
Concen: 0.582 ug/L
RT: 6.687 min Scan# 11173
Delta R.T. -0.100 min
Lab File: VU052083.D
Acq: 23 Nov 2022 11:00

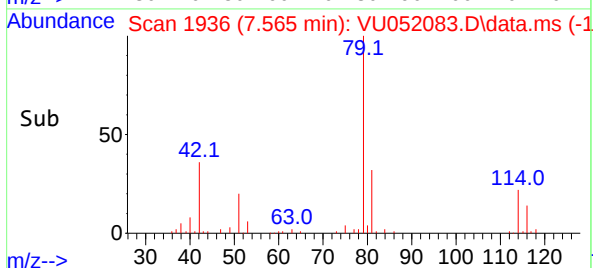
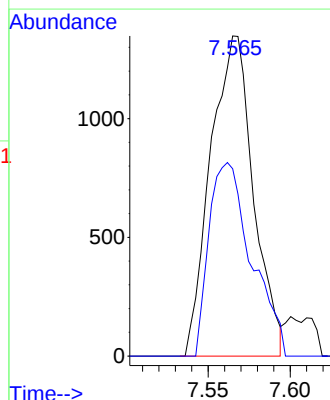
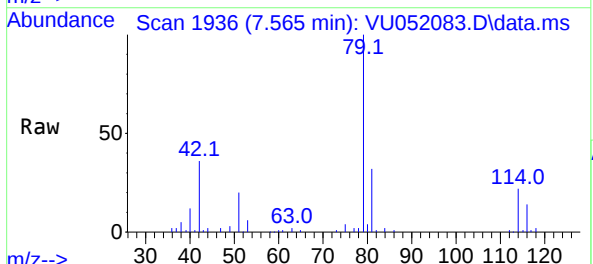
Instrument :
MSVOA_U
ClientSampleId :

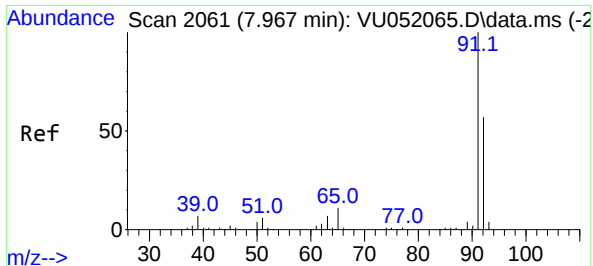
Tgt Ion: 63 Resp: 11173
Ion Ratio Lower Upper
63 100
112 0.5 3.3 4.9#



#39
cis-1,3-Dichloropropene
Concen: 0.099 ug/L
RT: 7.565 min Scan# 1936
Delta R.T. -0.039 min
Lab File: VU052083.D
Acq: 23 Nov 2022 11:00

Tgt Ion: 75 Resp: 2444
Ion Ratio Lower Upper
75 100
77 58.5 22.0 40.8#

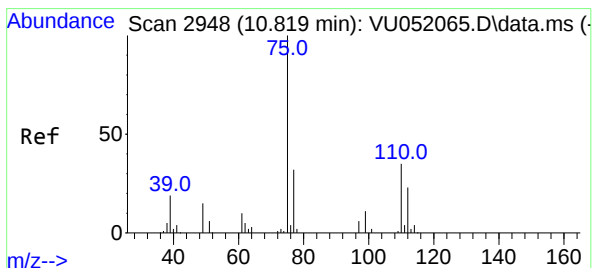
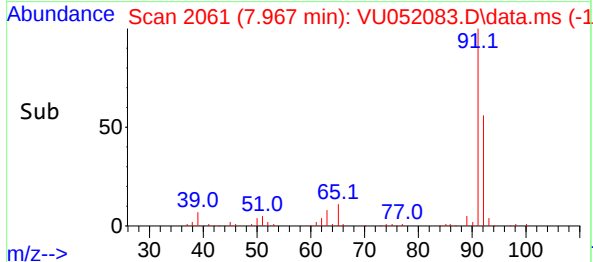
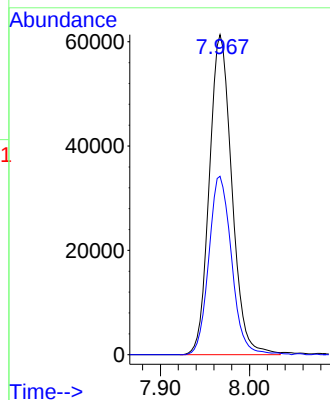
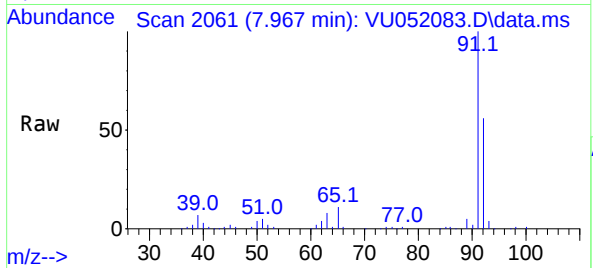




#42
Toluene
Concen: 1.411 ug/L
RT: 7.967 min Scan# 2061
Delta R.T. 0.000 min
Lab File: VU052083.D
Acq: 23 Nov 2022 11:00

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 91 Resp: 107657
Ion Ratio Lower Upper
91 100
92 55.8 40.7 75.5



#61
1,2,3-Trichloropropane
Concen: 1.037 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.990 min
Lab File: VU052083.D
Acq: 23 Nov 2022 11:00

Tgt Ion: 75 Resp: 10045
Ion Ratio Lower Upper
75 100
110 1.5 28.3 42.5#
77 34.2 26.2 39.2

