

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112222\
 Data File : VU052081.D
 Acq On : 23 Nov 2022 10:10
 Operator : JC/MD
 Sample : N5760-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 24 08:57:56 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)

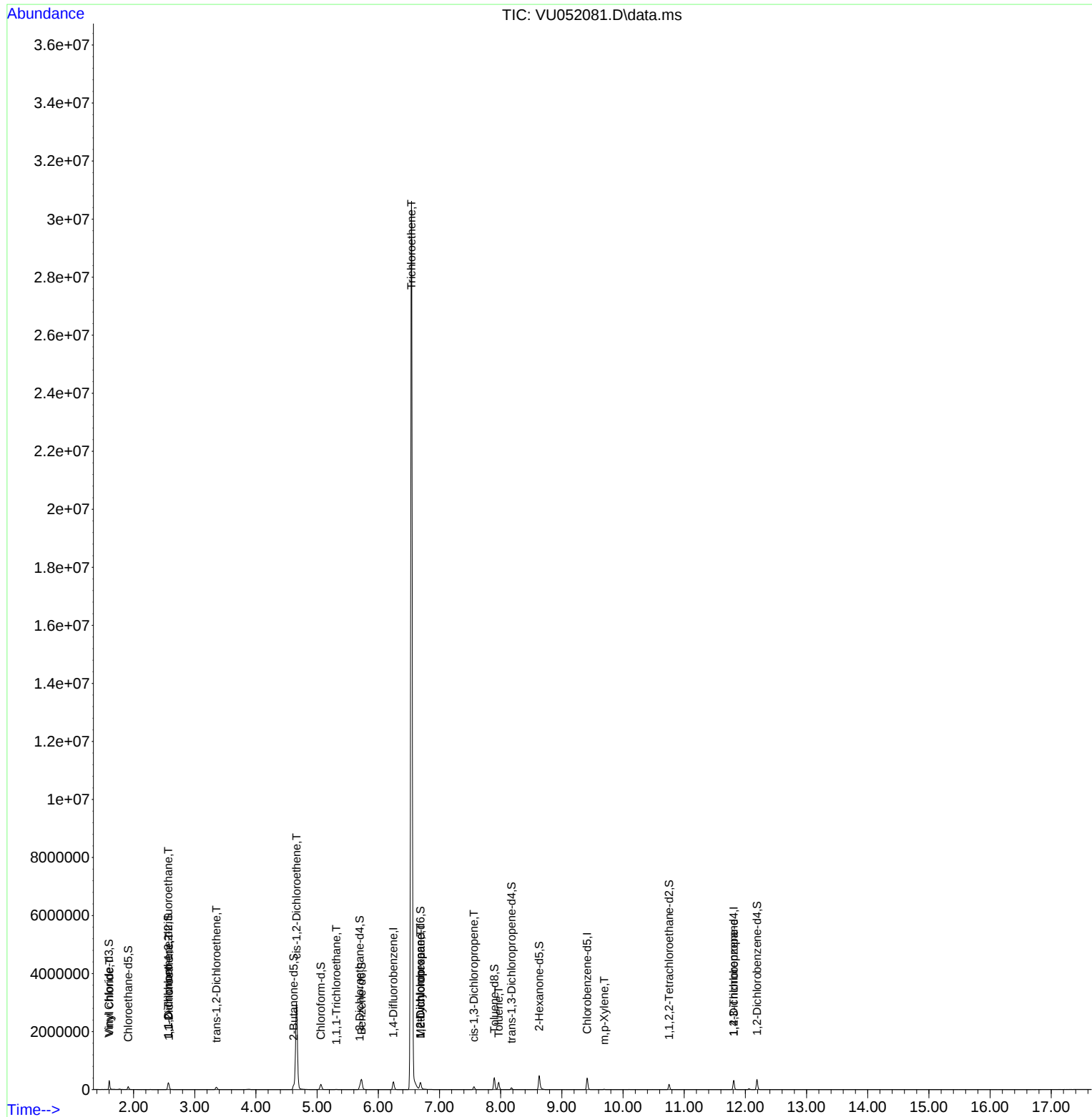
Internal Standards						
1) 1,4-Difluorobenzene	6.246	114	220914	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	227390	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	87026	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	94252	4.386	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.800%
7) Chloroethane-d5	1.912	69	81980	4.912	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.200%
11) 1,1-Dichloroethene-d2	2.565	65	35749	4.641	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.800%
20) 2-Butanone-d5	4.616	46	208260	53.468	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.940%
24) Chloroform-d	5.060	84	171495	5.432	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.600%
26) 1,2-Dichloroethane-d4	5.697	65	86264	5.409	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.200%
32) Benzene-d6	5.726	84	353538	5.237	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.800%
36) 1,2-Dichloropropane-d6	6.690	67	114602	5.485	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.800%
41) Toluene-d8	7.896	98	285355	4.672	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.400%
43) trans-1,3-Dichloroprop...	8.176	79	35395	4.649	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.000%
46) 2-Hexanone-d5	8.629	63	161224	49.970	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.940%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	92943	5.131	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.600%
66) 1,2-Dichlorobenzene-d4	12.192	152	96553	5.795	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.800%
Target Compounds						
5) Vinyl chloride	1.604	62	147319	6.132	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	1138	0.070	ug/L #	24
12) 1,1-Dichloroethene	2.581	96	31308	1.954	ug/L #	77
18) trans-1,2-Dichloroethene	3.353	96	36299	2.113	ug/L	96
22) cis-1,2-Dichloroethene	4.665	96	1605039	89.025	ug/L	98
29) 1,1,1-Trichloroethane	5.314	97	6563	0.260	ug/L #	85
34) Trichloroethene	6.542	95	10997436	595.809	ug/L	96
35) Methylcyclohexane	6.690	83	23938	0.902	ug/L #	19
37) 1,2-Dichloropropane	6.687	63	11565	0.604	ug/L #	89
39) cis-1,3-Dichloropropene	7.562	75	2269	0.092	ug/L #	69
42) Toluene	7.967	91	190325	2.500	ug/L	96
53) m,p-Xylene	9.693	106	3963	0.138	ug/L	96
61) 1,2,3-Trichloropropane	11.809	75	9855	0.989	ug/L #	64

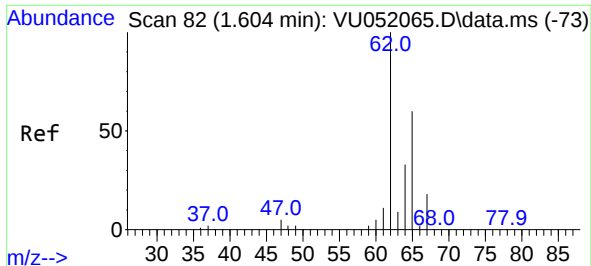
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : N5760-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
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ClientSampleId :

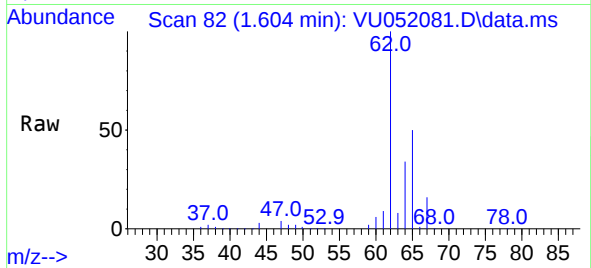
Quant Time: Nov 24 08:57:56 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 24 05:20:45 2022
Response via : Initial Calibration



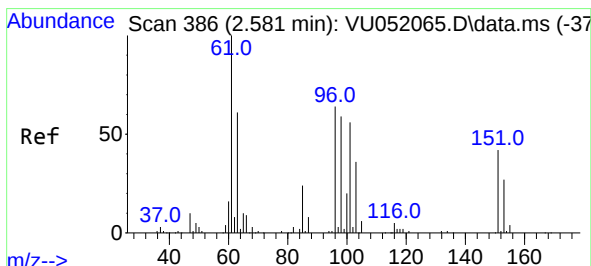
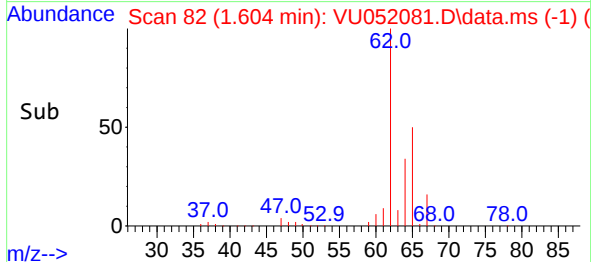
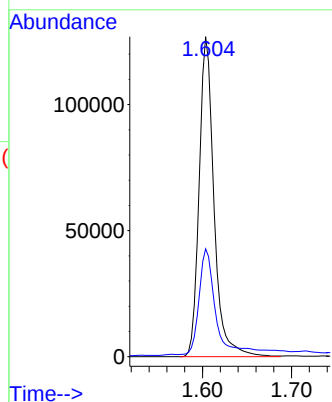


#5
 Vinyl chloride
 Concen: 6.132 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU052081.D
 Acq: 23 Nov 2022 10:10

Instrument :
 MSVOA_U
 ClientSampleId :

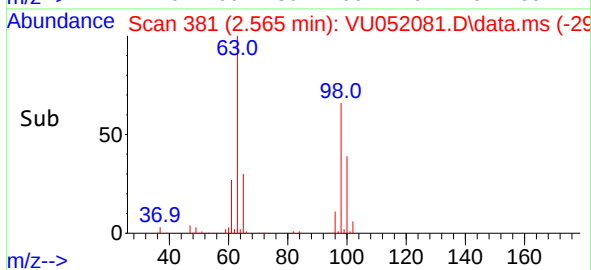
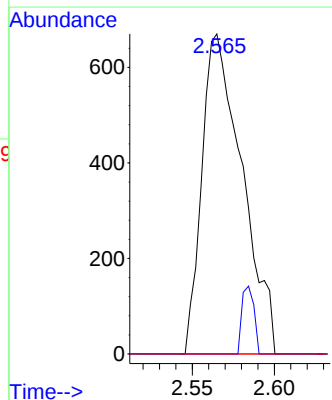
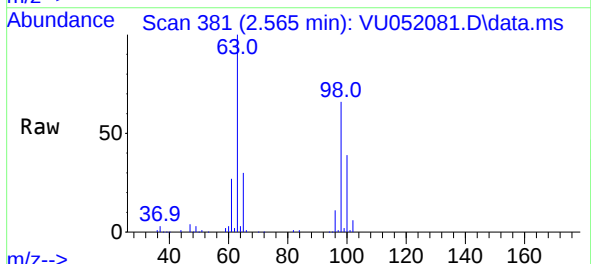


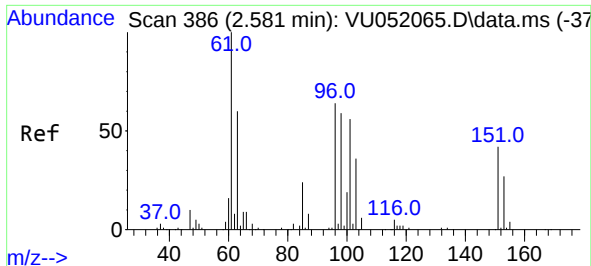
Tgt Ion: 62 Resp: 147319
 Ion Ratio Lower Upper
 62 100
 64 33.7 23.5 43.7



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.070 ug/L
 RT: 2.565 min Scan# 381
 Delta R.T. -0.016 min
 Lab File: VU052081.D
 Acq: 23 Nov 2022 10:10

Tgt Ion: 101 Resp: 1138
 Ion Ratio Lower Upper
 101 100
 85 6.3 33.8 50.6#
 151 0.0 58.6 88.0#

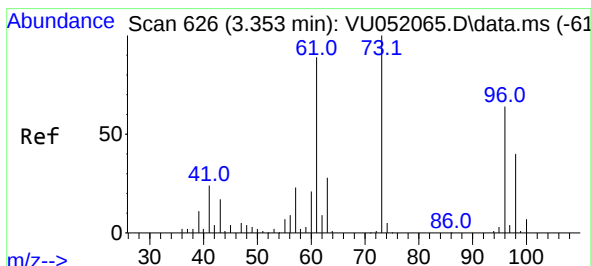
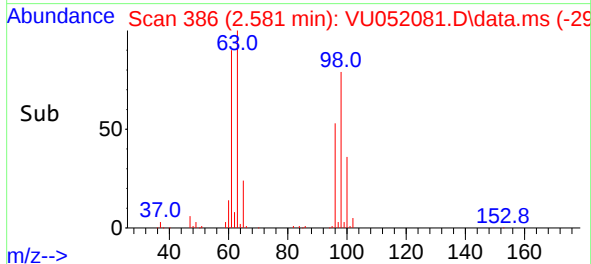
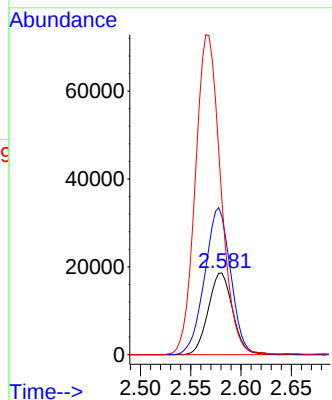
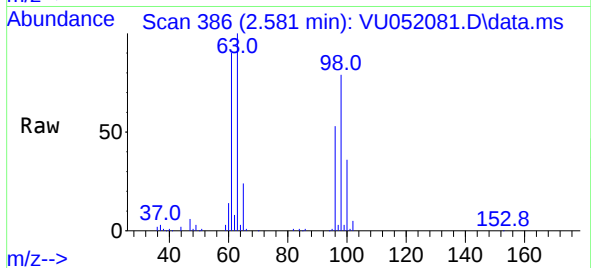




#12
1,1-Dichloroethene
Concen: 1.954 ug/L
RT: 2.581 min Scan# 313
Delta R.T. 0.003 min
Lab File: VU052081.D
Acq: 23 Nov 2022 10:10

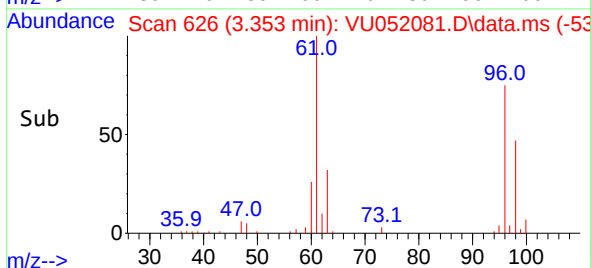
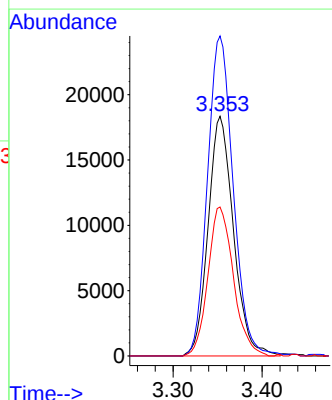
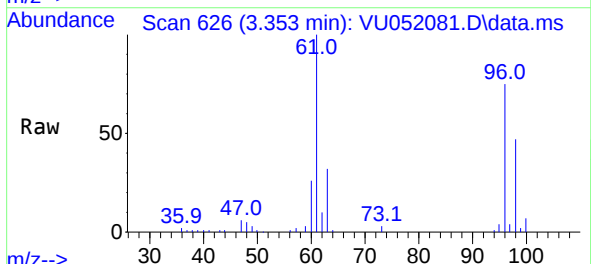
Instrument :
MSVOA_U
ClientSampleId :

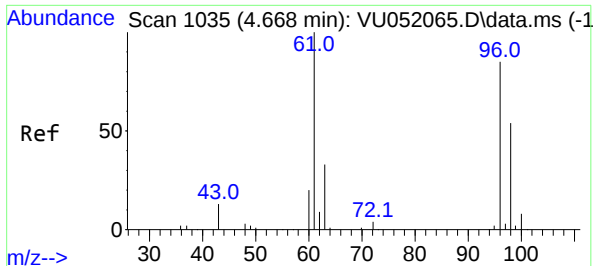
Tgt Ion: 96 Resp: 31308
Ion Ratio Lower Upper
96 100
61 169.2 114.8 213.2
63 188.4 93.7 174.1#



#18
trans-1,2-Dichloroethene
Concen: 2.113 ug/L
RT: 3.353 min Scan# 626
Delta R.T. -0.000 min
Lab File: VU052081.D
Acq: 23 Nov 2022 10:10

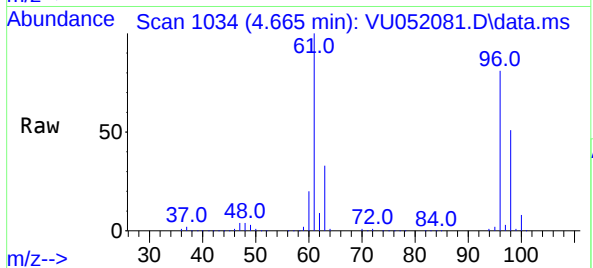
Tgt Ion: 96 Resp: 36299
Ion Ratio Lower Upper
96 100
61 133.5 97.9 181.7
98 62.2 43.8 81.3





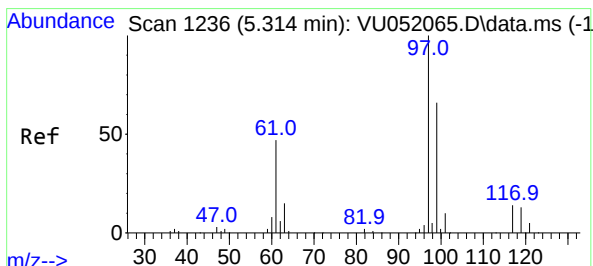
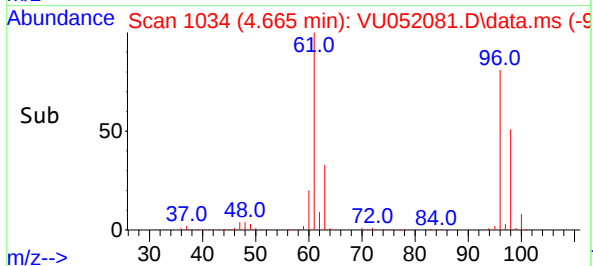
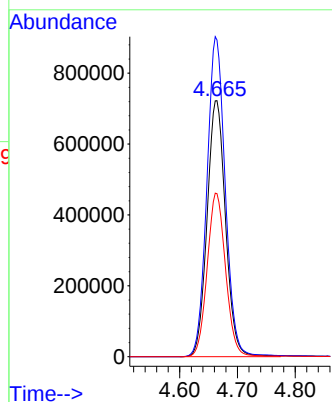
#22
 cis-1,2-Dichloroethene
 Concen: 89.025 ug/L
 RT: 4.665 min Scan# 1035
 Delta R.T. -0.000 min
 Lab File: VU052081.D
 Acq: 23 Nov 2022 10:10

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 96 Resp: 1605039

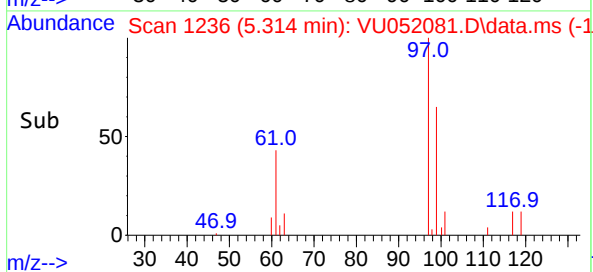
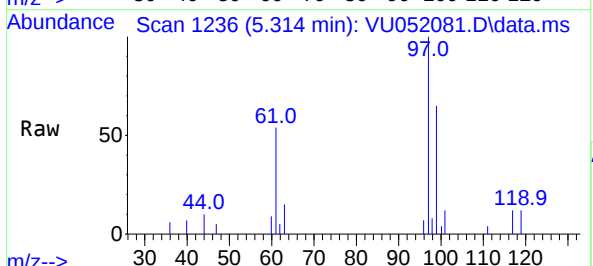
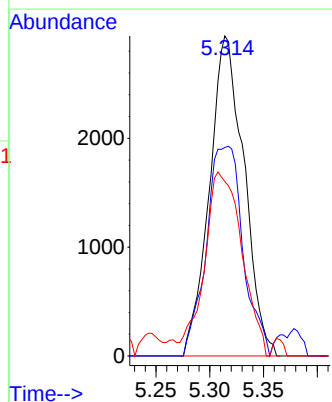
Ion	Ratio	Lower	Upper
96	100		
61	123.6	85.1	158.1
98	63.7	42.8	79.6

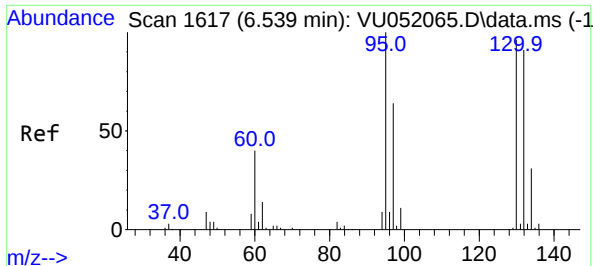


#29
 1,1,1-Trichloroethane
 Concen: 0.260 ug/L
 RT: 5.314 min Scan# 1236
 Delta R.T. -0.000 min
 Lab File: VU052081.D
 Acq: 23 Nov 2022 10:10

Tgt Ion: 97 Resp: 6563

Ion	Ratio	Lower	Upper
97	100		
99	69.7	51.0	76.6
61	62.3	36.9	55.3



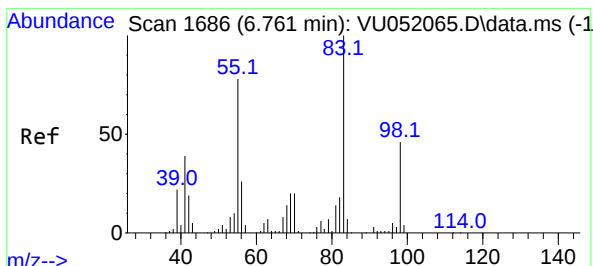
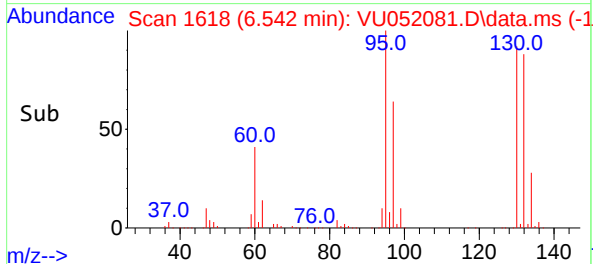
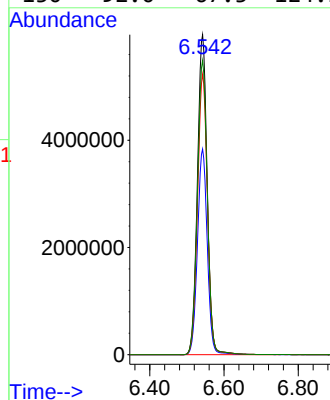
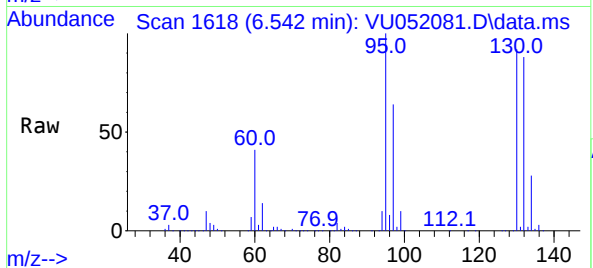


#34
Trichloroethene
Concen: 595.809 ug/L
RT: 6.542 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU052081.D
Acq: 23 Nov 2022 10:10

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp:10997436

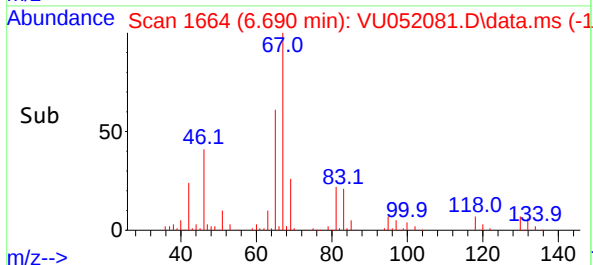
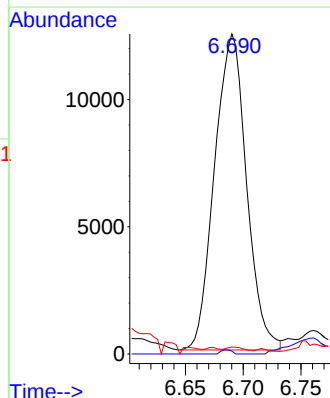
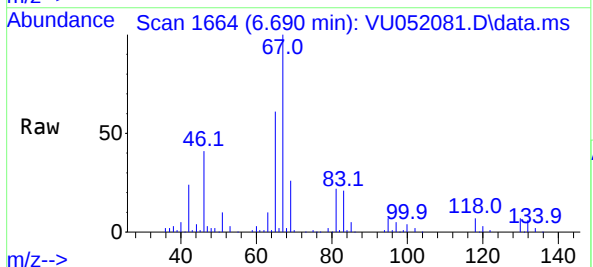
Ion	Ratio	Lower	Upper
95	100		
97	64.3	43.7	81.1
132	87.7	64.3	119.3
130	92.0	67.3	124.9

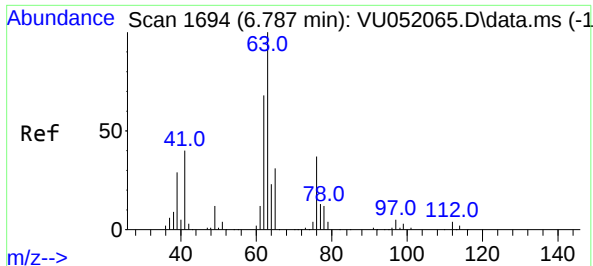


#35
Methylcyclohexane
Concen: 0.902 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.071 min
Lab File: VU052081.D
Acq: 23 Nov 2022 10:10

Tgt Ion: 83 Resp: 23938

Ion	Ratio	Lower	Upper
83	100		
55	0.4	60.8	91.2#
98	0.0	35.1	52.7#

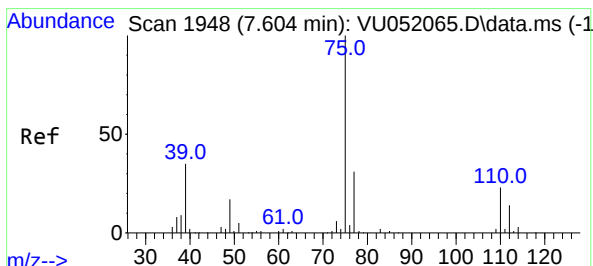
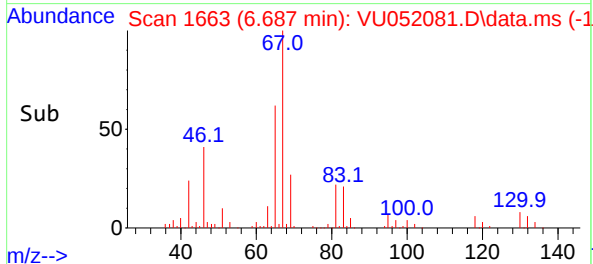
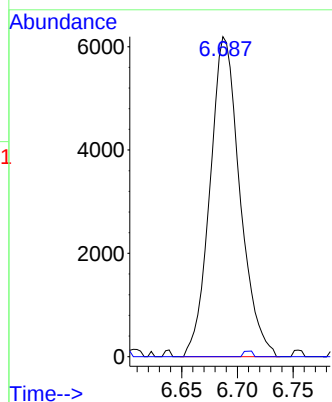
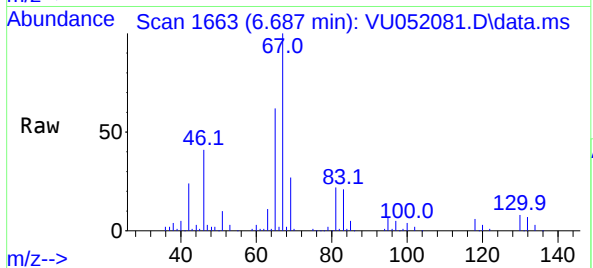




#37
1,2-Dichloropropane
Concen: 0.604 ug/L
RT: 6.687 min Scan# 11565
Delta R.T. -0.100 min
Lab File: VU052081.D
Acq: 23 Nov 2022 10:10

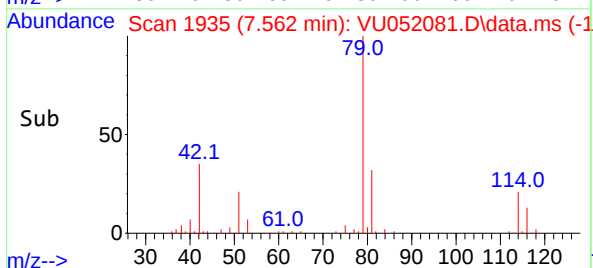
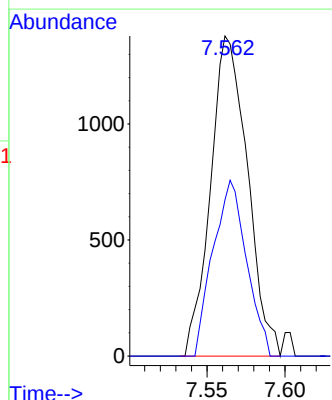
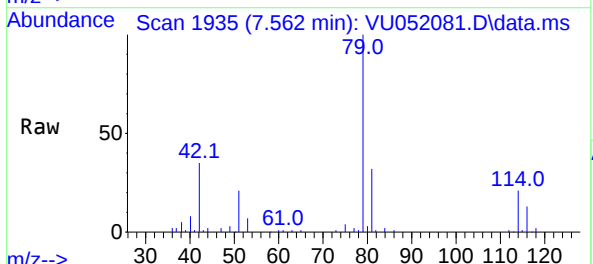
Instrument :
MSVOA_U
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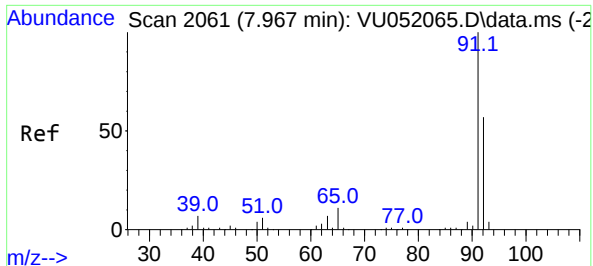
Tgt Ion: 63 Resp: 11565
Ion Ratio Lower Upper
63 100
112 0.5 3.3 4.9#



#39
cis-1,3-Dichloropropene
Concen: 0.092 ug/L
RT: 7.562 min Scan# 1935
Delta R.T. -0.042 min
Lab File: VU052081.D
Acq: 23 Nov 2022 10:10

Tgt Ion: 75 Resp: 2269
Ion Ratio Lower Upper
75 100
77 48.8 22.0 40.8#

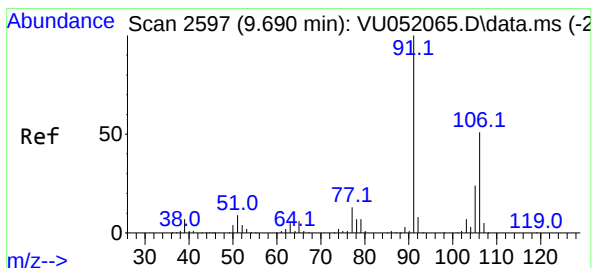
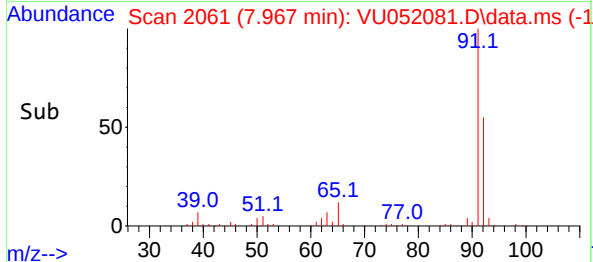
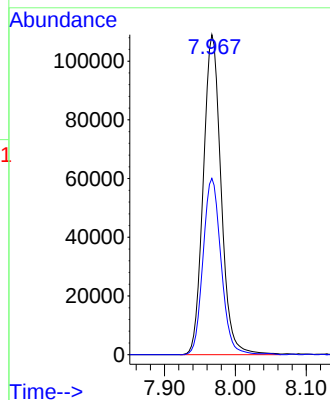
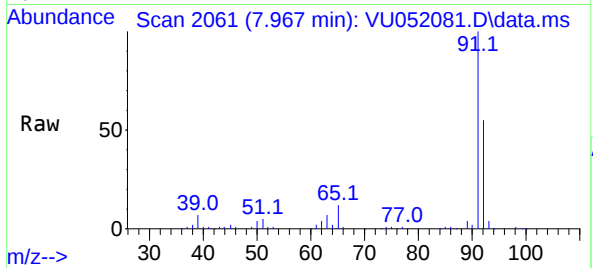




#42
Toluene
Concen: 2.500 ug/L
RT: 7.967 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VU052081.D
Acq: 23 Nov 2022 10:10

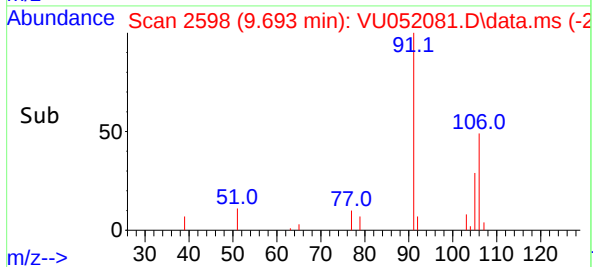
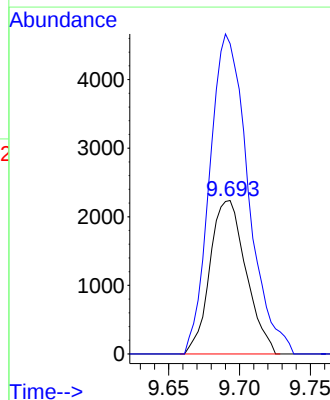
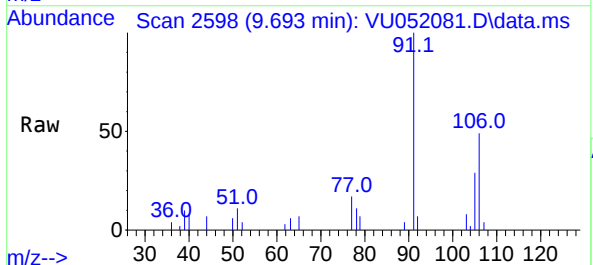
Instrument :
MSVOA_U
ClientSampleId :

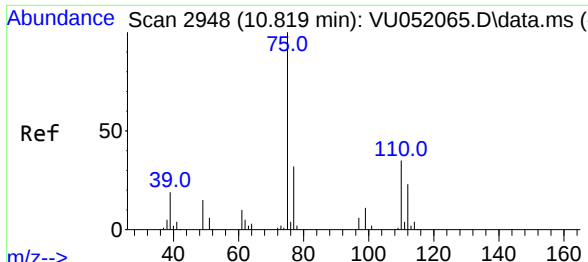
Tgt Ion: 91 Resp: 190325
Ion Ratio Lower Upper
91 100
92 55.1 40.7 75.5



#53
m,p-Xylene
Concen: 0.138 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU052081.D
Acq: 23 Nov 2022 10:10

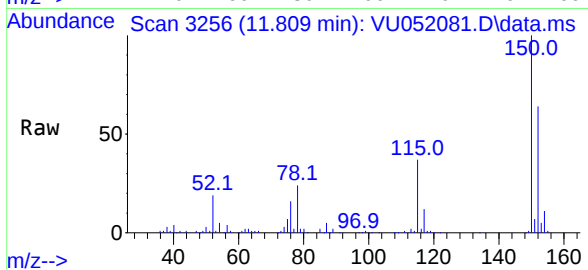
Tgt Ion: 106 Resp: 3963
Ion Ratio Lower Upper
106 100
91 202.1 137.7 255.7





#61
1,2,3-Trichloropropane
Concen: 0.989 ug/L
RT: 11.809 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU052081.D
Acq: 23 Nov 2022 10:10

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 9855
Ion Ratio Lower Upper
75 100
110 0.0 28.3 42.5#
77 37.6 26.2 39.2

