

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 :
 COL19

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)

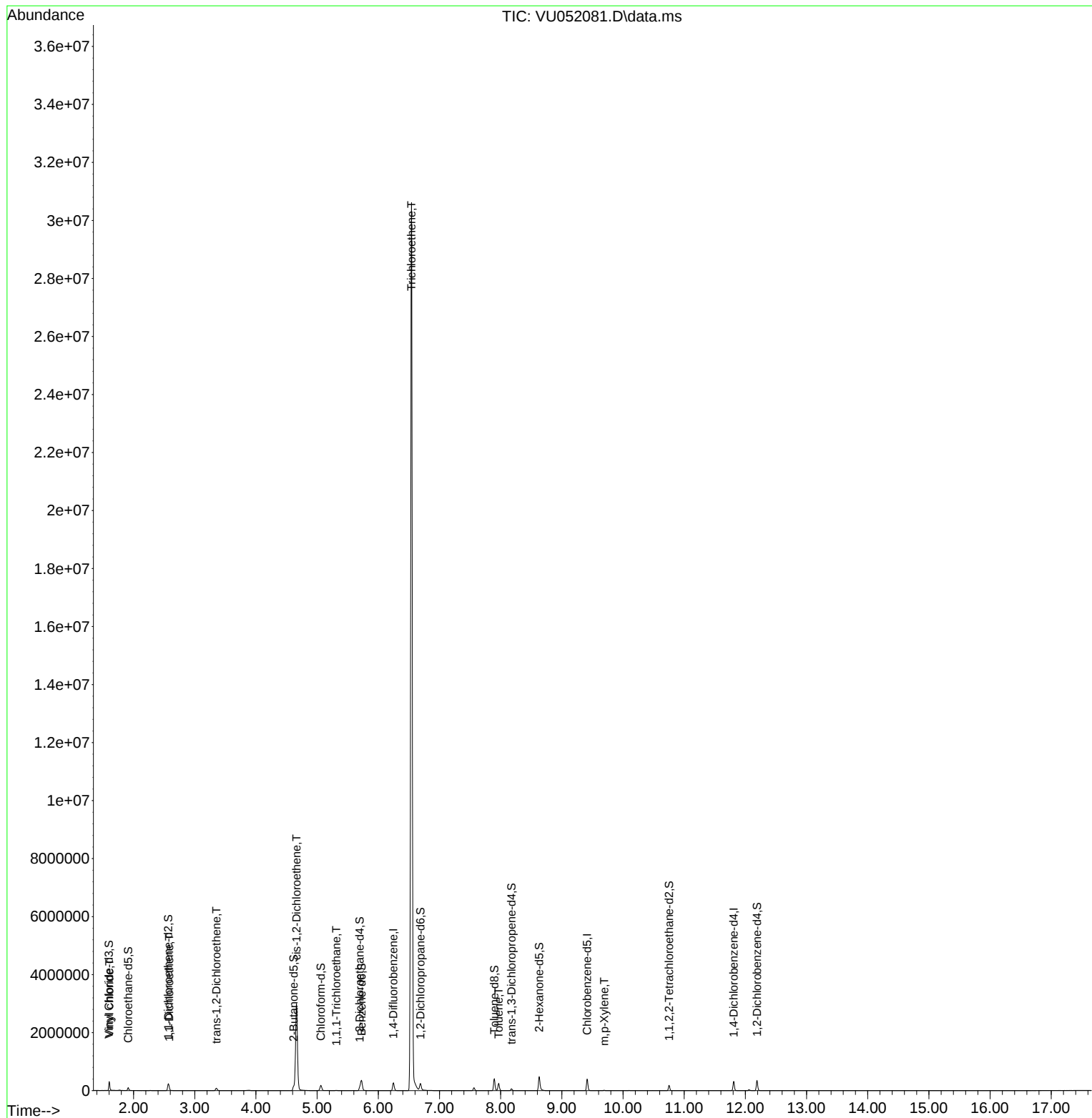
Internal Standards						
1) 1,4-Difluorobenzene	6.246	114	220914	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	227390	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	87026	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	94252	4.386	ug/L	0.00
Spiked Amount	5.000	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						Qvalue
5) Vinyl chloride	1.604	62	147319	6.132	ug/L	100
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
42) Toluene	7.967	91	190325	2.500	ug/L	96
53) m,p-Xylene	9.693	106	3963	0.138	ug/L	96

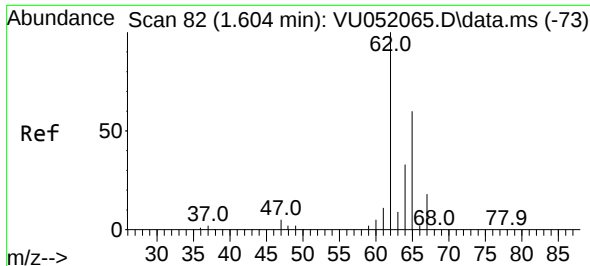
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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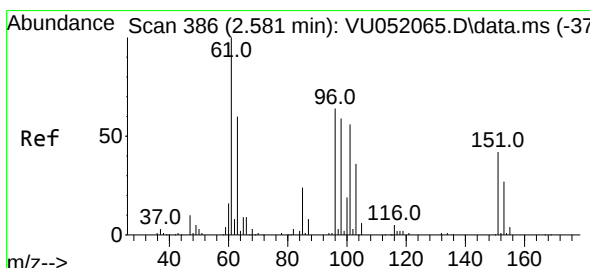
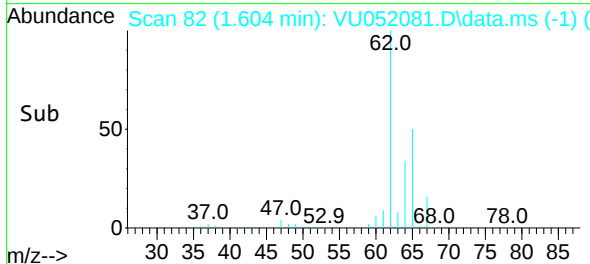
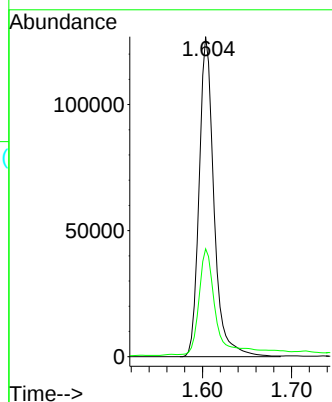
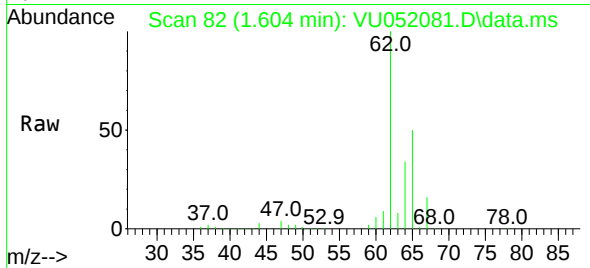




#5
 Vinyl chloride
 Concen: 6.132 ug/L
 RT: 1.604 min Scan# 82
 Delta R.T. -0.000 min
 Lab File: VU052081.D
 Acq: 23 Nov 2022 10:10

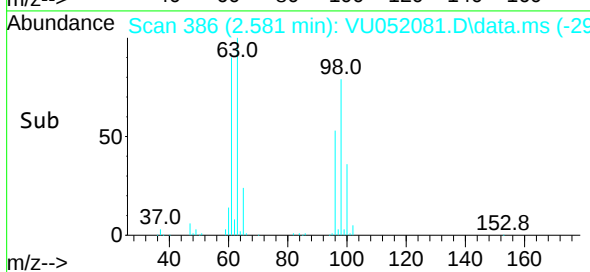
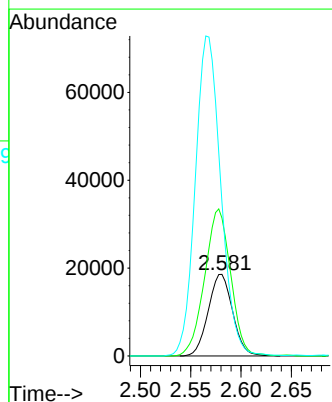
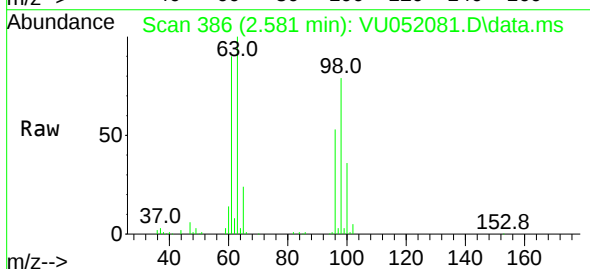
Instrument :
 MSVOA_U
 ClientSampleId :
 COL19

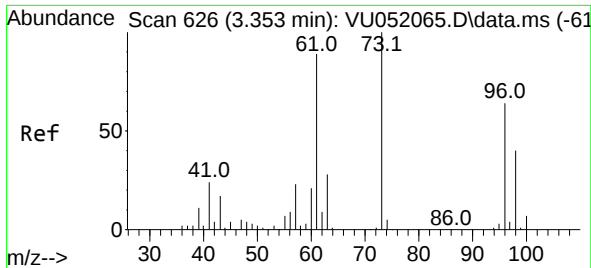
Tgt Ion: 62 Resp: 147319
 Ion Ratio Lower Upper
 62 100
 64 33.7 23.5 43.7



#12
 1,1-Dichloroethene
 Concen: 1.954 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. 0.003 min
 Lab File: VU052081.D
 Acq: 23 Nov 2022 10:10

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#

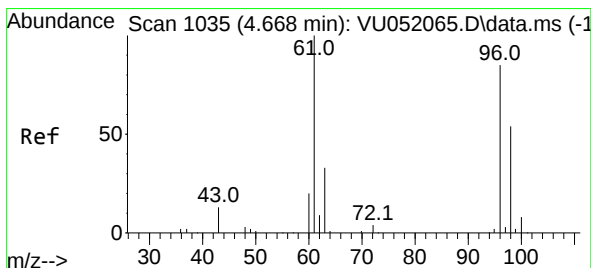
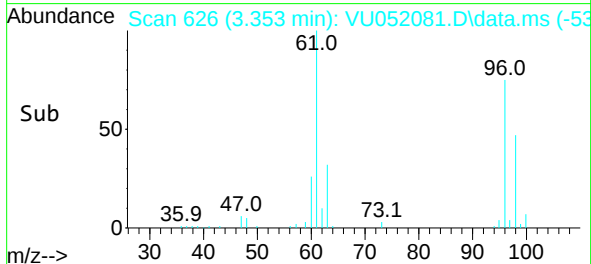
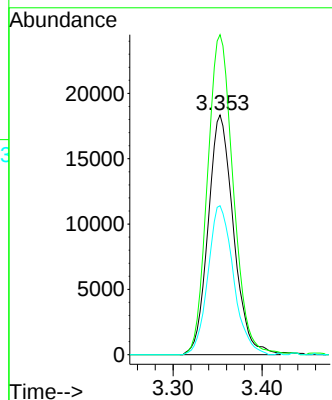
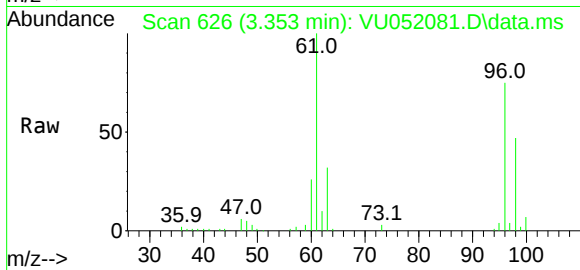




#18
trans-1,2-Dichloroethene
Concen: 2.113 ug/L
RT: 3.353 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU052081.D
Acq: 23 Nov 2022 10:10

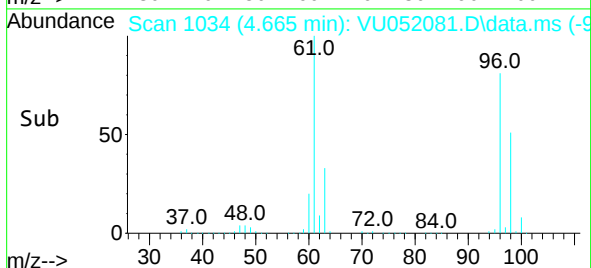
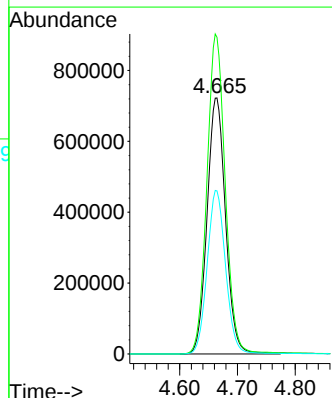
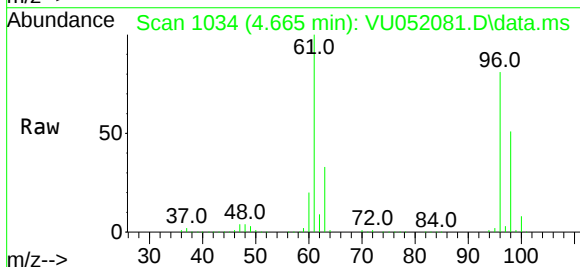
Instrument :
MSVOA_U
ClientSampleId :
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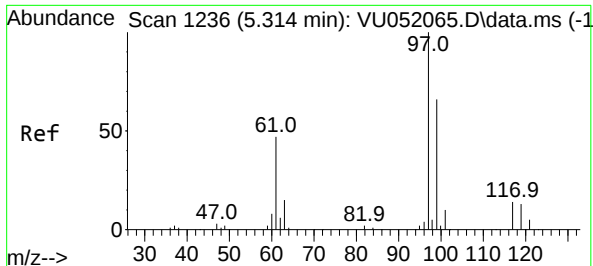
Tgt Ion: 96 Resp: 36299
Ion Ratio Lower Upper
96 100
61 133.5 97.9 181.7
98 62.2 43.8 81.3



#22
cis-1,2-Dichloroethene
Concen: 89.025 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. -0.000 min
Lab File: VU052081.D
Acq: 23 Nov 2022 10:10

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# 11

Delta R.T. -0.000 min

Lab File: VU052081.D

Acq: 23 Nov 2022 10:10

Instrument :

MSVOA_U

ClientSampleId :

COL19

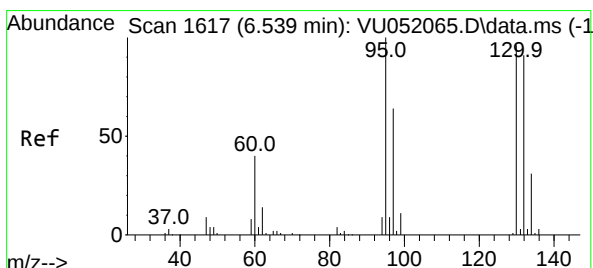
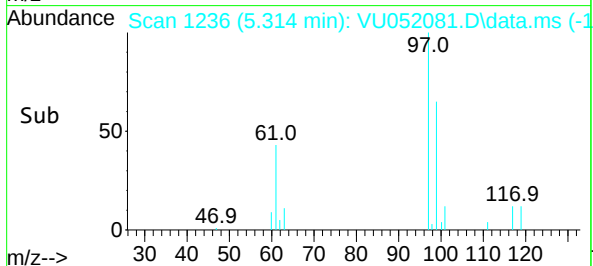
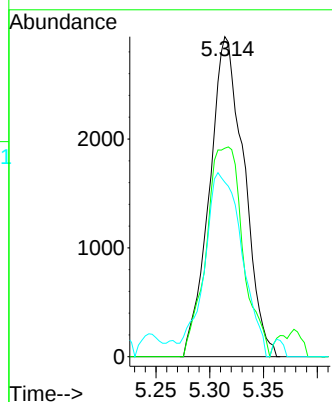
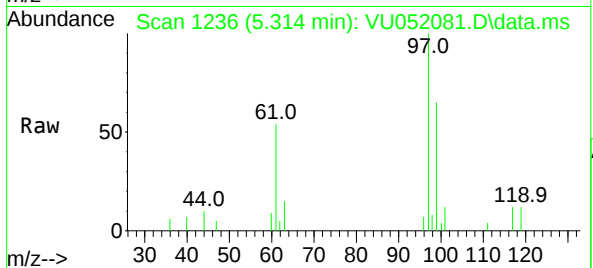
Tgt Ion: 97 Resp: 6563

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# 1618

Delta R.T. 0.003 min

Lab File: VU052081.D

Acq: 23 Nov 2022 10:10

Tgt Ion: 95 Resp:10997436

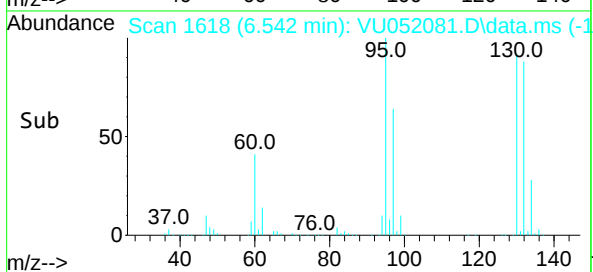
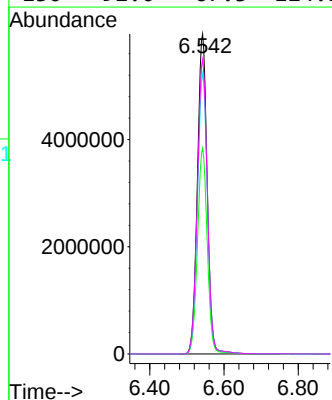
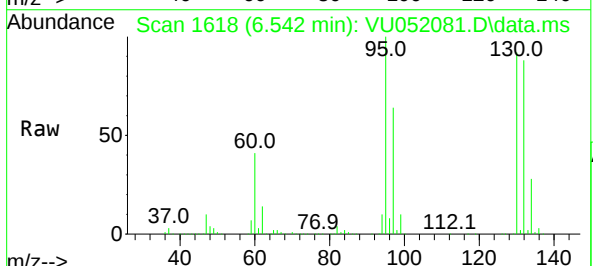
Ion Ratio Lower Upper

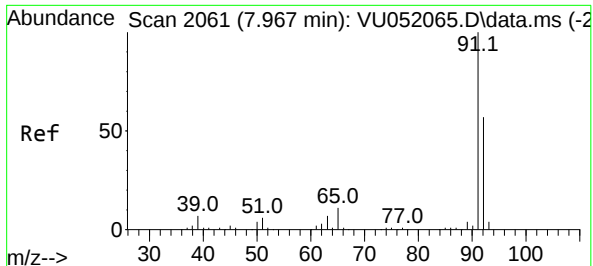
95 100

97 64.3 43.7 81.1

132 87.7 64.3 119.3

130 92.0 67.3 124.9

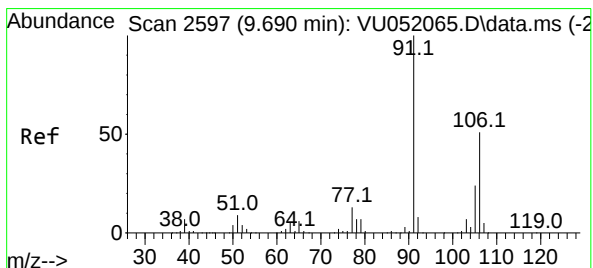
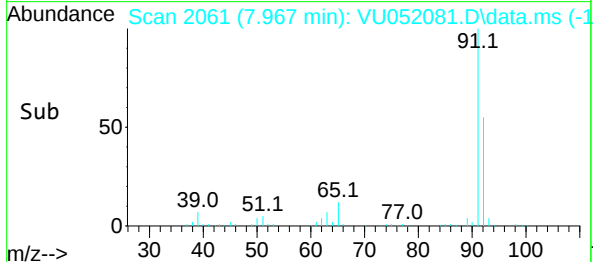
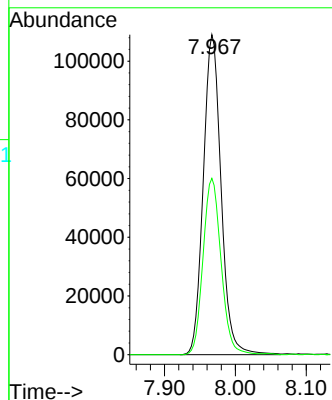
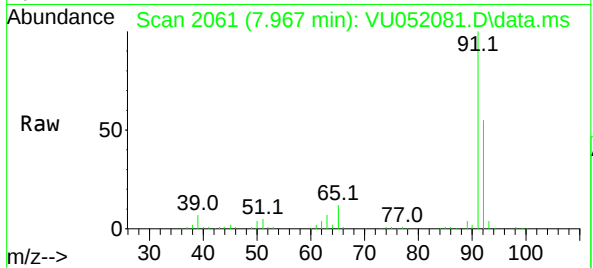




#42
Toluene
Concen: 2.500 ug/L
RT: 7.967 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VU052081.D
Acq: 23 Nov 2022 10:10

Instrument :
MSVOA_U
ClientSampleId :
COL19

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

