

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU093022\
 Data File : VU051046.D
 Acq On : 30 Sep 2022 20:04
 Operator : JC/MD
 Sample : N4859-18
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 01 01:28:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 01 01:23:58 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

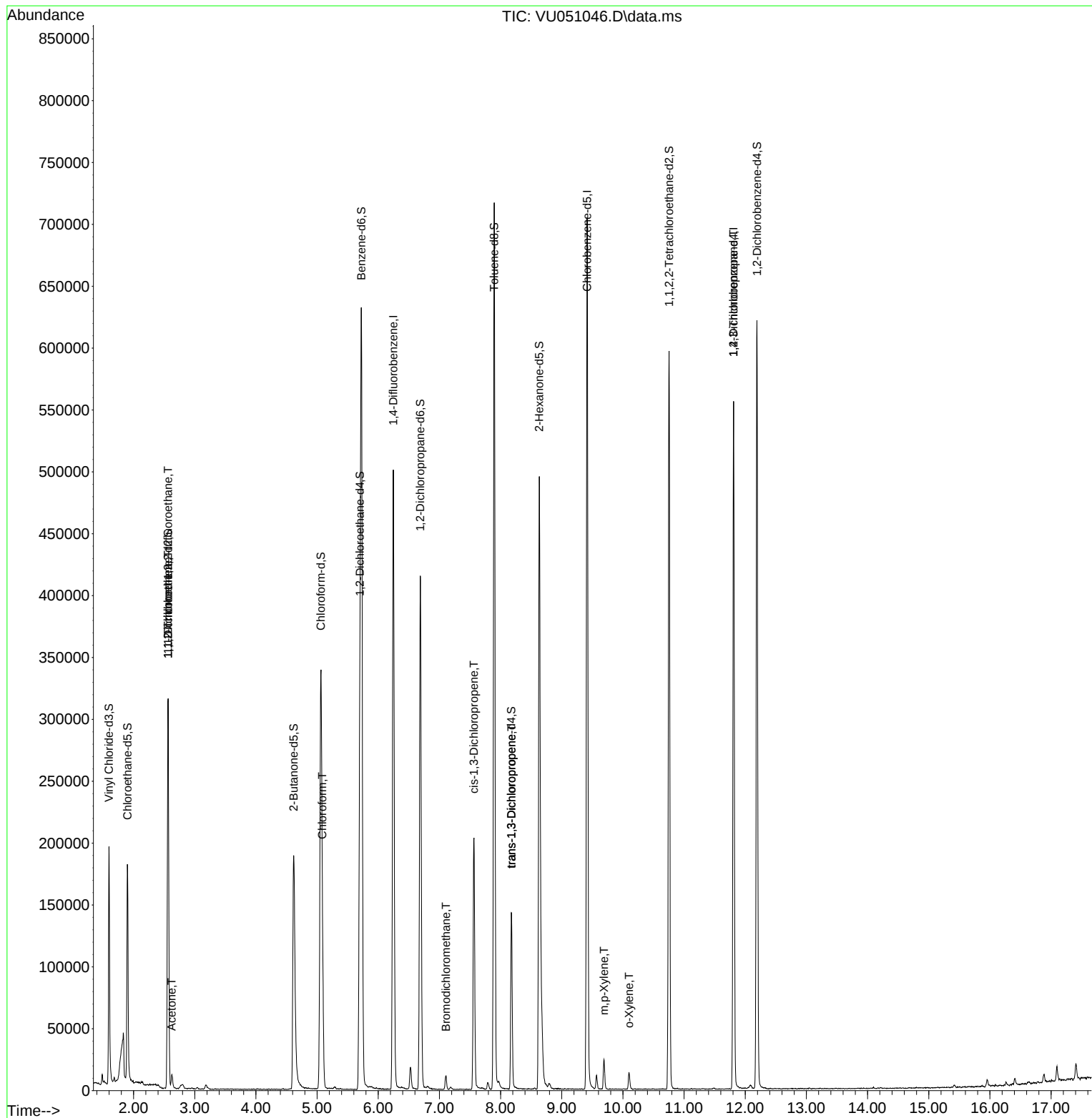
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	395995	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	391800	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	146793	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	145415	36.234	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	72.460%	
7) Chloroethane-d5	1.900	69	135421	36.326	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	72.660%	
11) 1,1-Dichloroethene-d2	2.565	63	185766	31.336	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	62.680%	
21) 2-Butanone-d5	4.617	46	281176	108.024	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	108.020%	
24) Chloroform-d	5.060	84	296956	45.928	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	91.860%	
26) 1,2-Dichloroethane-d4	5.700	65	191520	47.855	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	95.720%	
32) Benzene-d6	5.726	84	584176	50.916	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	101.840%	
36) 1,2-Dichloropropane-d6	6.687	67	199493	53.584	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	107.160%	
41) Toluene-d8	7.896	98	474441	44.756	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	89.520%	
43) trans-1,3-Dichloroprop...	8.176	79	79686	44.874	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	89.740%	
47) 2-Hexanone-d5	8.632	63	149477	99.433	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	99.430%	
56) 1,1,2,2-Tetrachloroeth...	10.755	84	302921	46.555	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	93.120%	
66) 1,2-Dichlorobenzene-d4	12.192	152	162984	51.974	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	103.940%	
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	1661	0.549	ug/L #	20
12) 1,1-Dichloroethene	2.562	96	1502	0.532	ug/L #	1
13) Acetone	2.623	43	12465	5.997	ug/L	94
25) Chloroform	5.086	83	88555	14.266	ug/L	98
38) Bromodichloromethane	7.105	83	7597	1.770	ug/L	91
39) cis-1,3-Dichloropropene	7.565	75	4629	1.016	ug/L #	71
44) trans-1,3-Dichloropropene	8.179	75	3695	0.802	ug/L	85
53) m,p-Xylene	9.690	106	6981	1.370	ug/L	82
54) o-Xylene	10.099	106	3296	0.647	ug/L	91
60) 1,2,3-Trichloropropane	11.809	75	18553	4.803	ug/L #	67

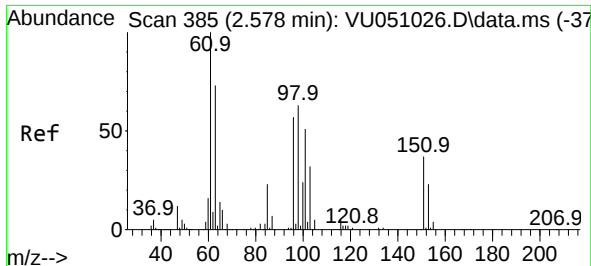
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Oct 01 01:23:58 2022
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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.549 ug/L

RT: 2.562 min Scan# 380

Delta R.T. -0.016 min

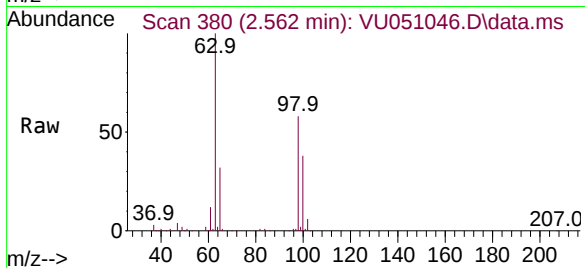
Lab File: VU051046.D

Acq: 30 Sep 2022 20:04

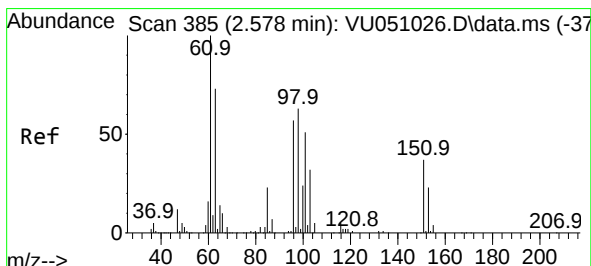
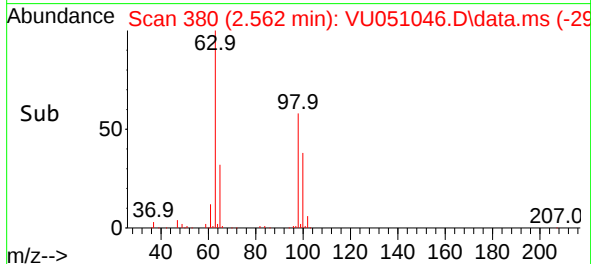
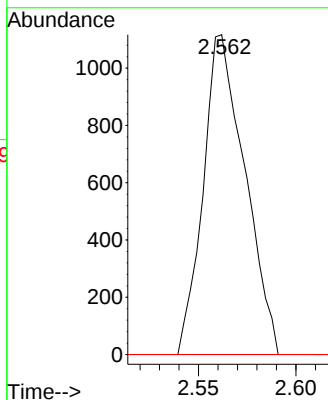
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	101	Resp:	1661
Ion	Ratio	Lower	Upper
101	100		
85	0.0	34.6	52.0#
151	0.0	58.6	87.8#



#12

1,1-Dichloroethene

Concen: 0.532 ug/L

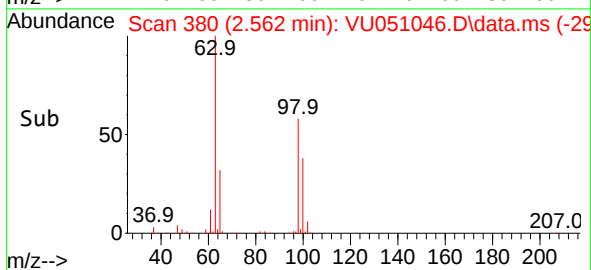
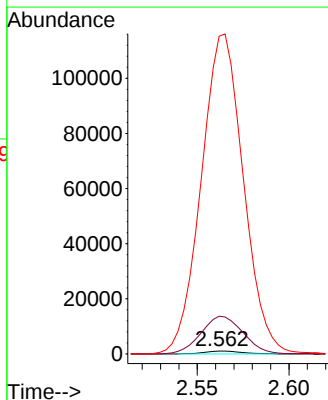
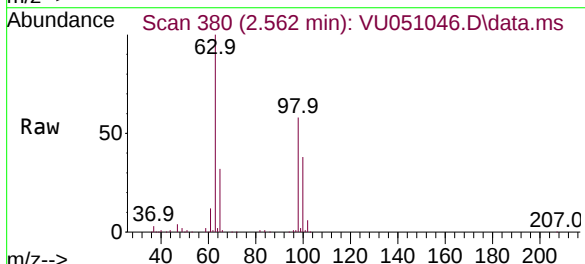
RT: 2.562 min Scan# 380

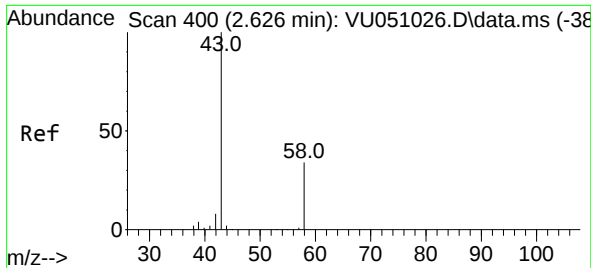
Delta R.T. -0.016 min

Lab File: VU051046.D

Acq: 30 Sep 2022 20:04

Tgt Ion:	96	Resp:	1502
Ion	Ratio	Lower	Upper
96	100		
61	1316.7	113.0	209.9#
63	11095.3	91.7	170.3#





#13

Acetone

Concen: 5.997 ug/L

RT: 2.623 min Scan# 399

Delta R.T. -0.003 min

Lab File: VU051046.D

Acq: 30 Sep 2022 20:04

Instrument :

MSVOA_U

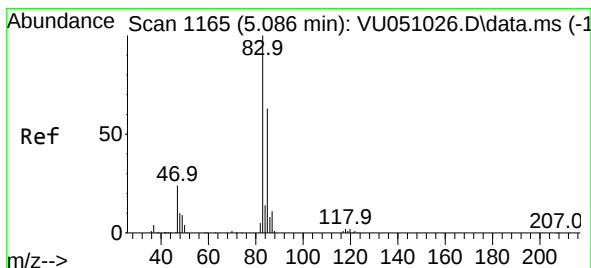
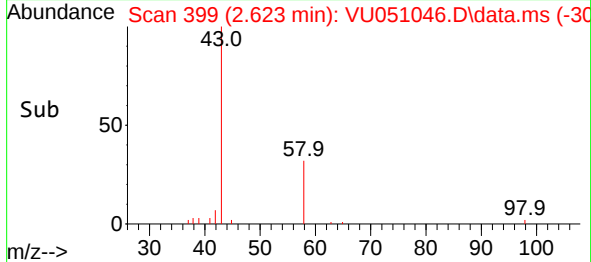
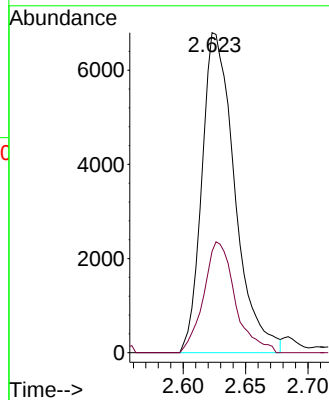
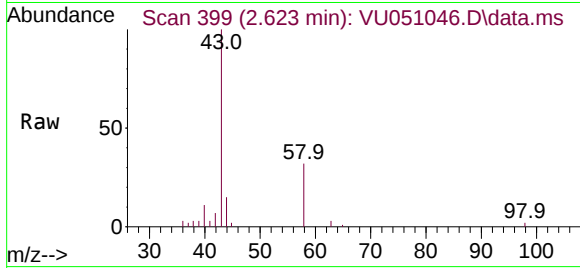
ClientSampleId :

Tgt Ion: 43 Resp: 12465

Ion Ratio Lower Upper

43 100

58 33.2 0.0 73.6



#25

Chloroform

Concen: 14.266 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. 0.000 min

Lab File: VU051046.D

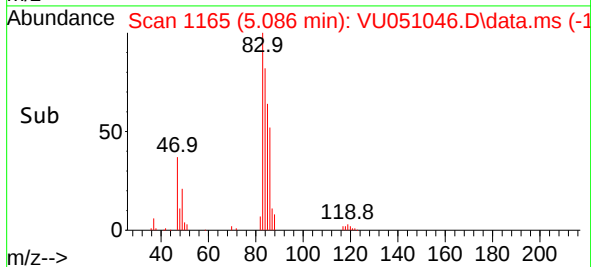
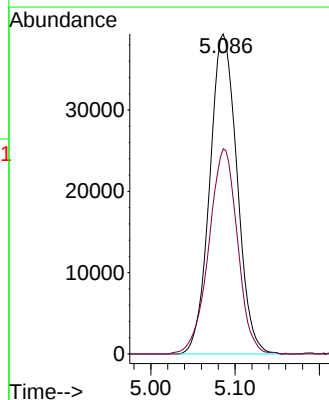
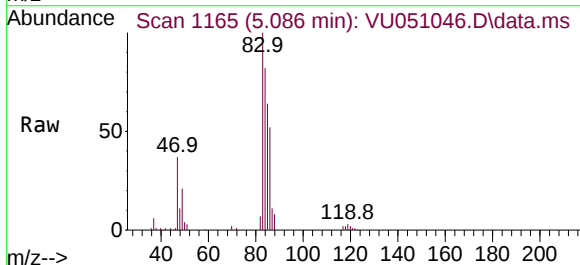
Acq: 30 Sep 2022 20:04

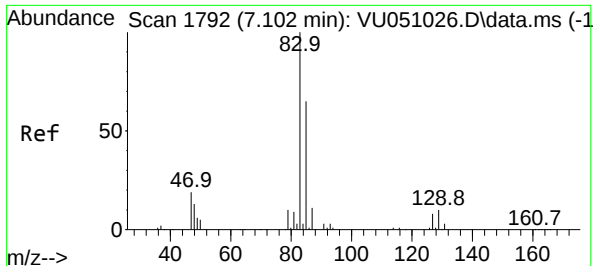
Tgt Ion: 83 Resp: 88555

Ion Ratio Lower Upper

83 100

85 64.1 45.7 84.9





#38

Bromodichloromethane

Concen: 1.770 ug/L

RT: 7.105 min Scan# 1

Delta R.T. 0.003 min

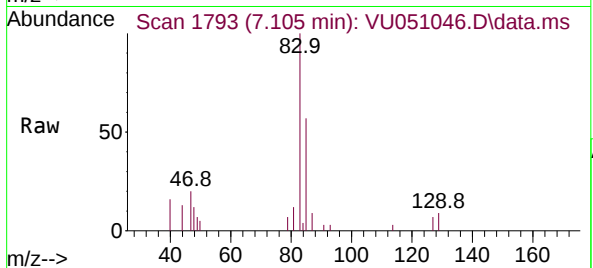
Lab File: VU051046.D

Acq: 30 Sep 2022 20:04

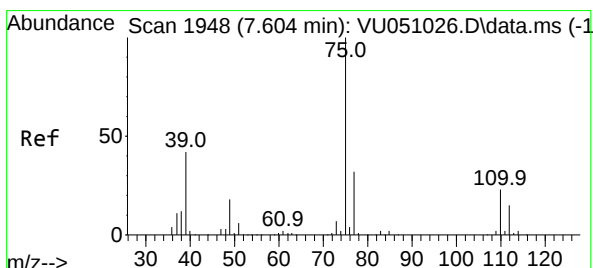
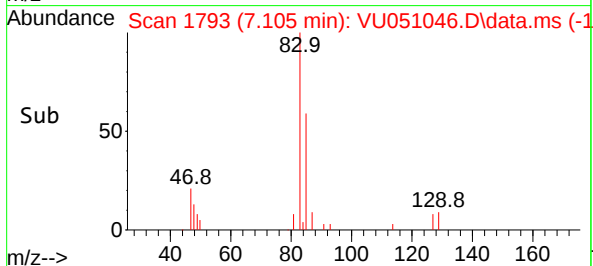
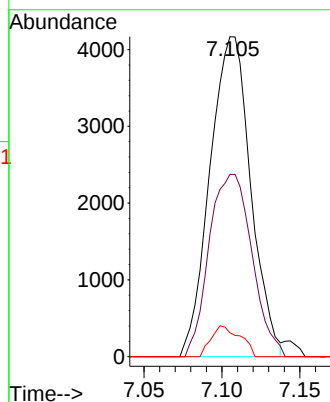
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	83	Resp:	7597
Ion	Ratio	Lower	Upper
83	100		
85	57.0	45.1	83.7
127	7.4	6.7	10.1



#39

cis-1,3-Dichloropropene

Concen: 1.016 ug/L

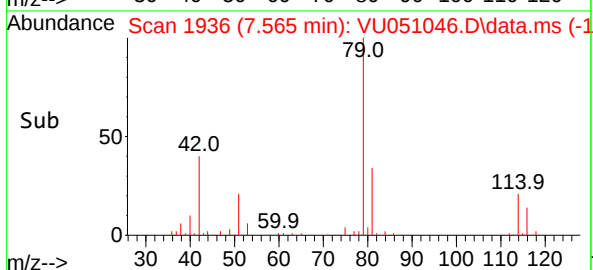
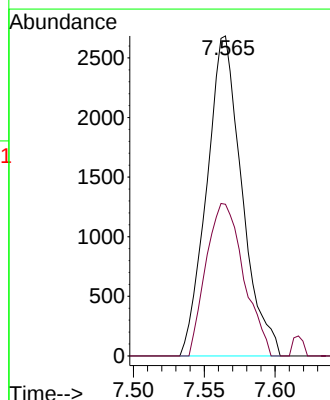
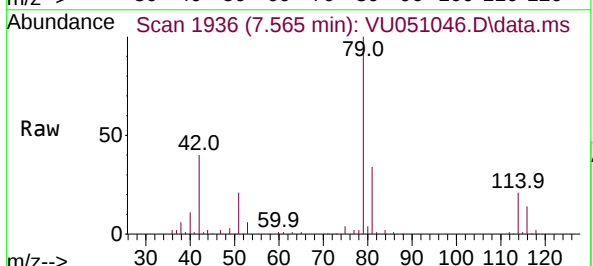
RT: 7.565 min Scan# 1936

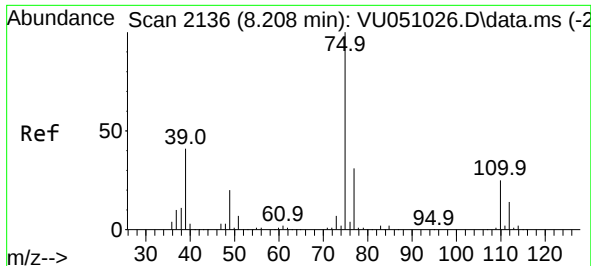
Delta R.T. -0.039 min

Lab File: VU051046.D

Acq: 30 Sep 2022 20:04

Tgt Ion:	75	Resp:	4629
Ion	Ratio	Lower	Upper
75	100		
77	47.4	22.0	41.0#

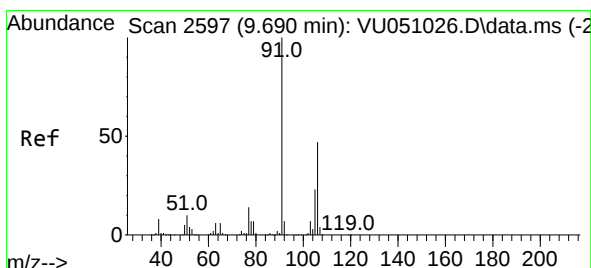
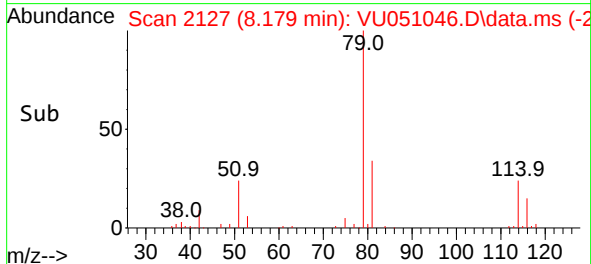
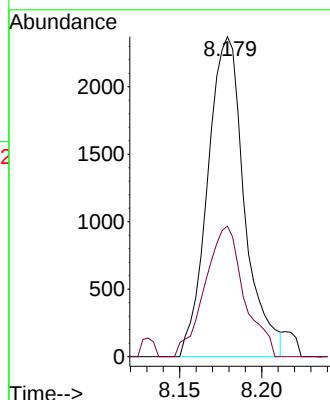
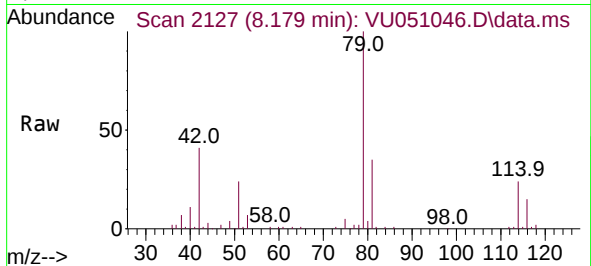




#44
trans-1,3-Dichloropropene
Concen: 0.802 ug/L
RT: 8.179 min Scan# 2136
Delta R.T. -0.029 min
Lab File: VU051046.D
Acq: 30 Sep 2022 20:04

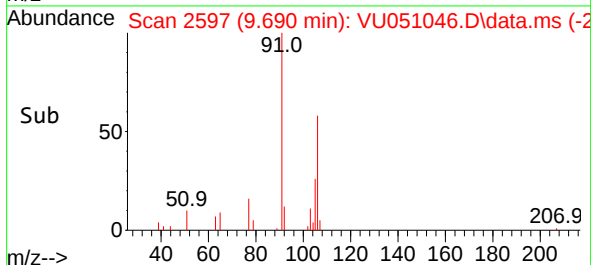
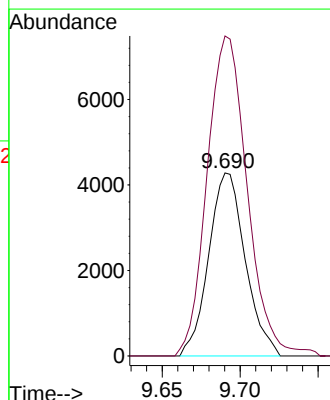
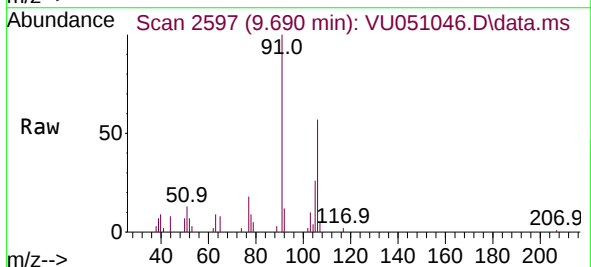
Instrument :
MSVOA_U
ClientSampleId :

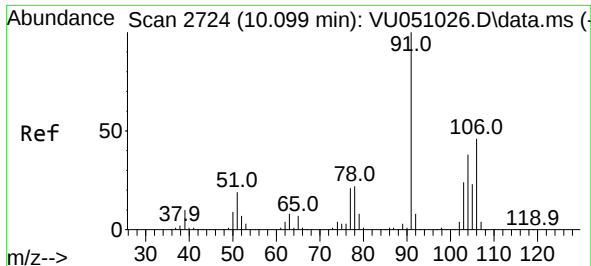
Tgt Ion: 75 Resp: 3695
Ion Ratio Lower Upper
75 100
77 40.8 22.7 42.3



#53
m,p-Xylene
Concen: 1.370 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. 0.000 min
Lab File: VU051046.D
Acq: 30 Sep 2022 20:04

Tgt Ion: 106 Resp: 6981
Ion Ratio Lower Upper
106 100
91 174.9 141.9 263.5

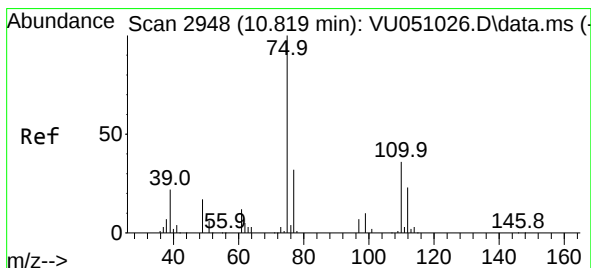
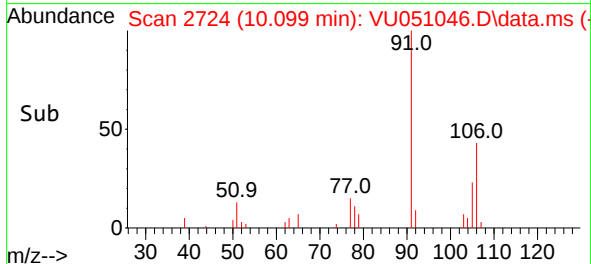
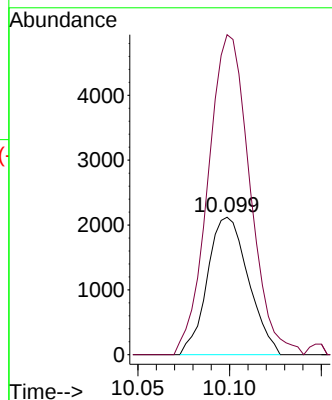
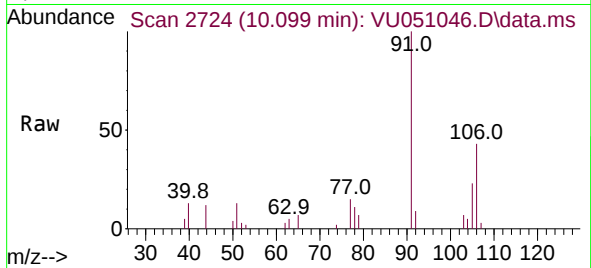




#54
o-Xylene
Concen: 0.647 ug/L
RT: 10.099 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU051046.D
Acq: 30 Sep 2022 20:04

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:106 Resp: 3296
Ion Ratio Lower Upper
106 100
91 232.7 152.4 283.0



#60
1,2,3-Trichloropropane
Concen: 4.803 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.990 min
Lab File: VU051046.D
Acq: 30 Sep 2022 20:04

Tgt Ion: 75 Resp: 18553
Ion Ratio Lower Upper
75 100
77 32.0 26.1 39.1
110 0.5 30.0 45.0#

