

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU033123\
 Data File : VU053501.D
 Acq On : 31 Mar 2023 18:58
 Operator : JC/MD
 Sample : 02121-07ME
 Misc : 5.46g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 01 05:09:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM033123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 01 04:51:17 2023
 Response via : Initial Calibration

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

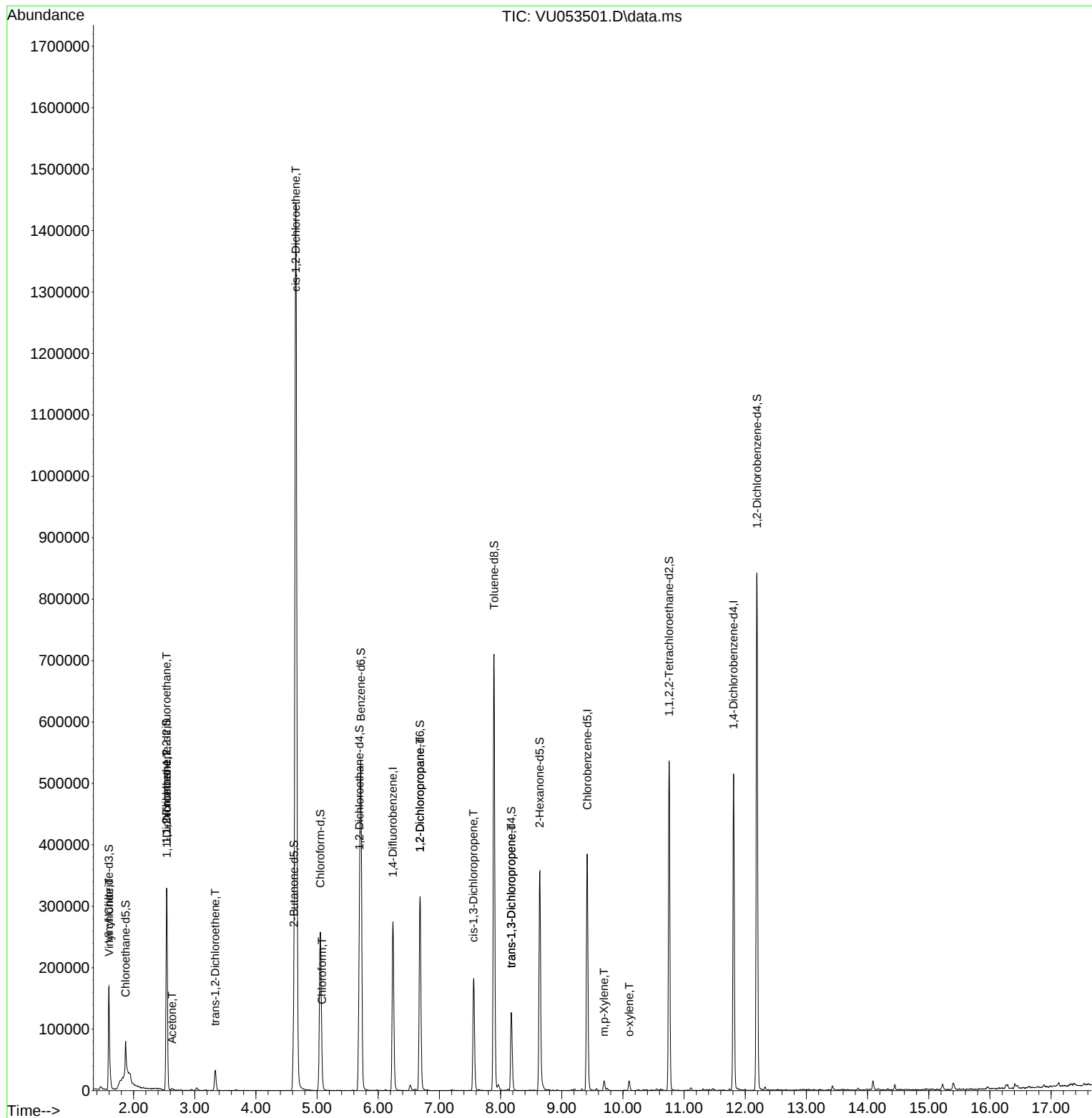
Internal Standards						
1) 1,4-Difluorobenzene	6.240	114	251137	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	246529	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	145147	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	137887	70.512	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	141.020%#
7) Chloroethane-d5	1.871	69	39318	26.077	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	52.160%#
11) 1,1-Dichloroethene-d2	2.543	63	180078	59.489	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	118.980%
21) 2-Butanone-d5	4.620	46	155135	175.221	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	175.220%#
24) Chloroform-d	5.054	84	238209	73.656	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	147.320%#
26) 1,2-Dichloroethane-d4	5.694	65	154617	80.908	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	161.820%#
32) Benzene-d6	5.716	84	506896	76.174	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	152.340%#
36) 1,2-Dichloropropane-d6	6.684	67	153671	75.552	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	151.100%#
41) Toluene-d8	7.893	98	506464	76.575	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	153.140%#
43) trans-1,3-Dichloroprop...	8.176	79	80481	76.654	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	153.300%#
47) 2-Hexanone-d5	8.639	63	138121	198.973	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	198.970%#
56) 1,1,2,2-Tetrachloroeth...	10.754	84	249914	87.176	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	174.360%#
66) 1,2-Dichlorobenzene-d4	12.192	152	242451	80.024	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	160.040%#
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.600	62	12350	6.362	ug/L #	72
10) 1,1,2-Trichloro-1,2,2-...	2.543	101	1857	1.074	ug/L #	20
12) 1,1-Dichloroethene	2.546	96	2124	1.378	ug/L #	1
13) Acetone	2.629	43	2898	3.642	ug/L	74
17) trans-1,2-Dichloroethene	3.337	96	15030	9.705	ug/L	95
20) cis-1,2-Dichloroethene	4.652	96	791775	442.623	ug/L	97
25) Chloroform	5.079	83	8946	3.040	ug/L	97
37) 1,2-Dichloropropane	6.684	63	16708	10.244	ug/L #	86
39) cis-1,3-Dichloropropene	7.555	75	4913	1.843	ug/L #	56
44) trans-1,3-Dichloropropene	8.176	75	3347	1.328	ug/L	84
53) m,p-Xylene	9.690	106	5370	1.695	ug/L	97
54) o-xylene	10.102	106	4459	1.423	ug/L	88

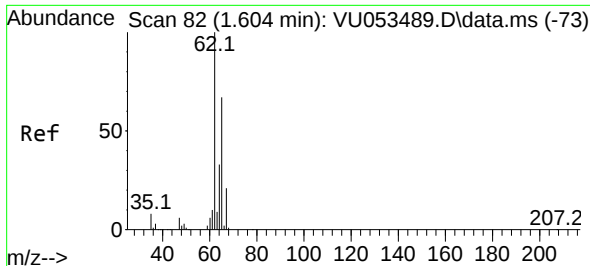
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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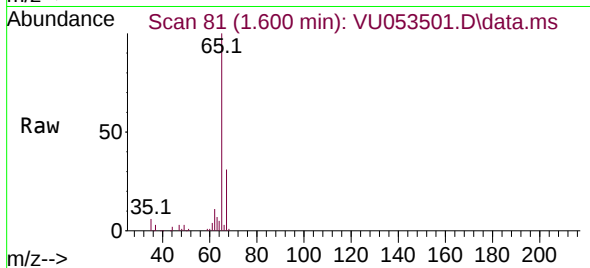
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM033123WMA.M
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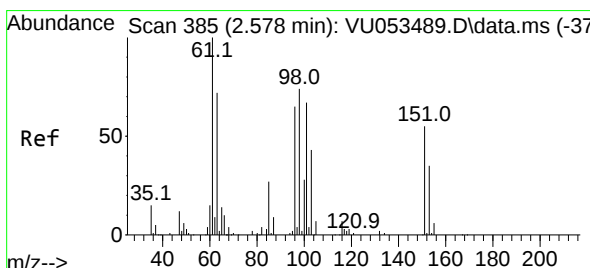
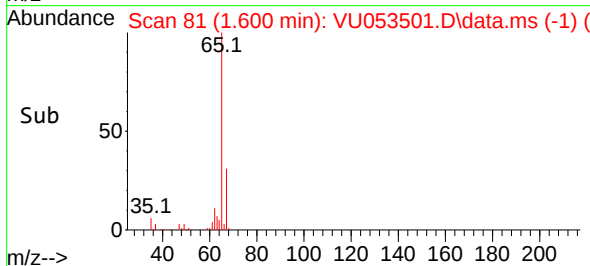
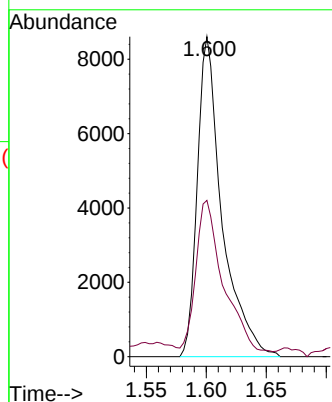


#5
 Vinyl chloride
 Concen: 6.362 ug/L
 RT: 1.600 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU053501.D
 Acq: 31 Mar 2023 18:58

Instrument :
 MSVOA_W
 ClientSampleId :

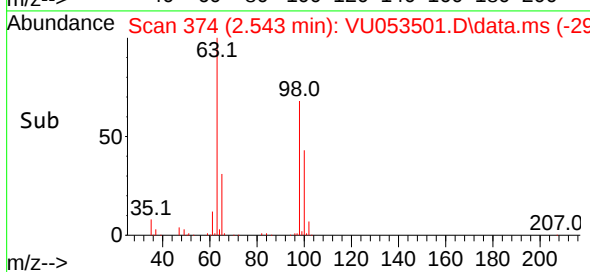
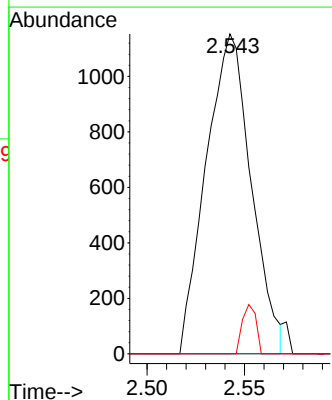
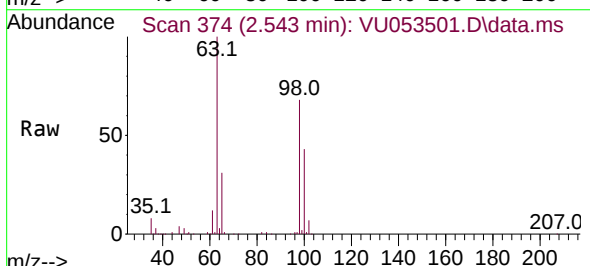


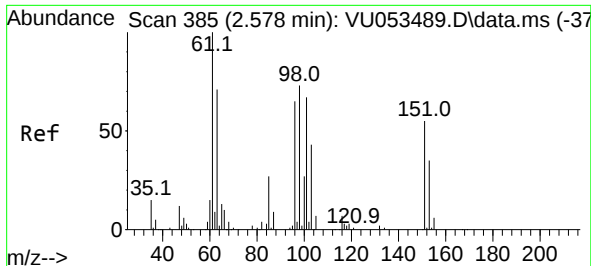
Tgt Ion: 62 Resp: 12350
 Ion Ratio Lower Upper
 62 100
 64 48.9 23.2 43.0#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.074 ug/L
 RT: 2.543 min Scan# 374
 Delta R.T. -0.035 min
 Lab File: VU053501.D
 Acq: 31 Mar 2023 18:58

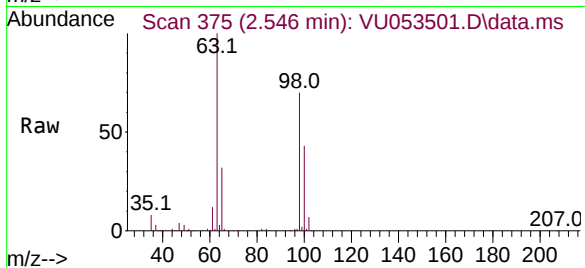
Tgt Ion: 101 Resp: 1857
 Ion Ratio Lower Upper
 101 100
 85 0.0 32.6 48.8#
 151 4.7 65.8 98.6#



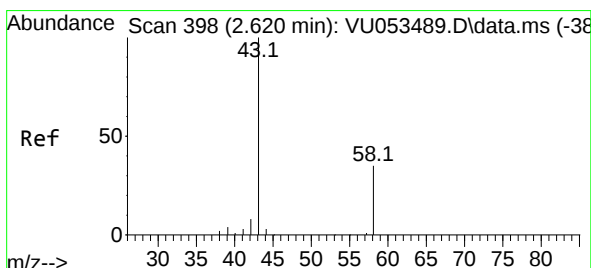
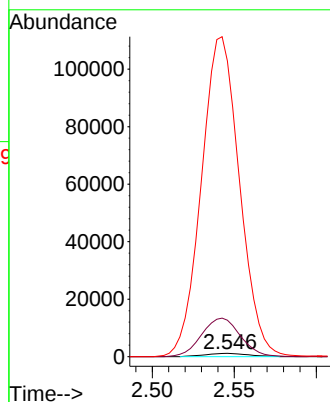
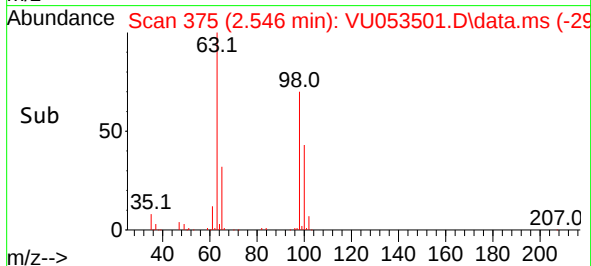


#12
1,1-Dichloroethene
Concen: 1.378 ug/L
RT: 2.546 min Scan# 31
Delta R.T. -0.032 min
Lab File: VU053501.D
Acq: 31 Mar 2023 18:58

Instrument :
MSVOA_W
ClientSampleId :

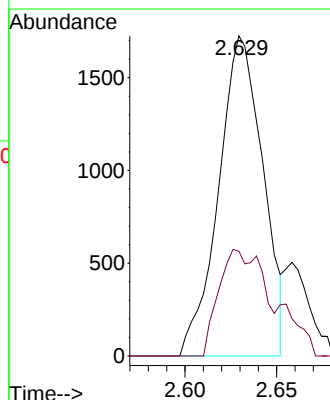
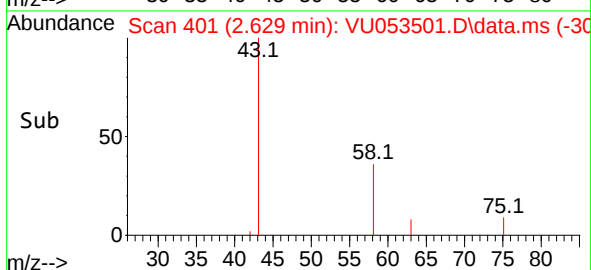
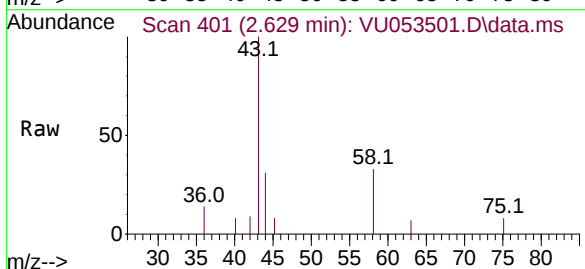


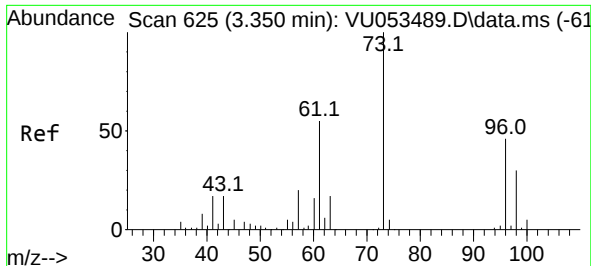
Tgt Ion: 96 Resp: 2124
Ion Ratio Lower Upper
96 100
61 1103.8 107.9 200.5#
63 8941.9 79.1 146.9#



#13
Acetone
Concen: 3.642 ug/L
RT: 2.629 min Scan# 401
Delta R.T. 0.010 min
Lab File: VU053501.D
Acq: 31 Mar 2023 18:58

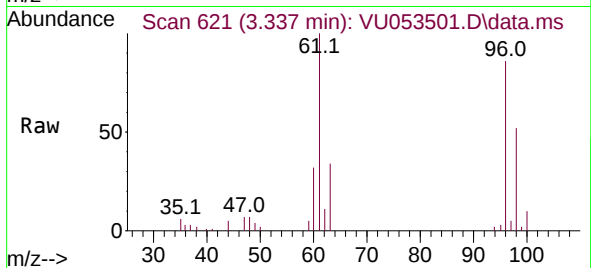
Tgt Ion: 43 Resp: 2898
Ion Ratio Lower Upper
43 100
58 20.0 0.0 70.2



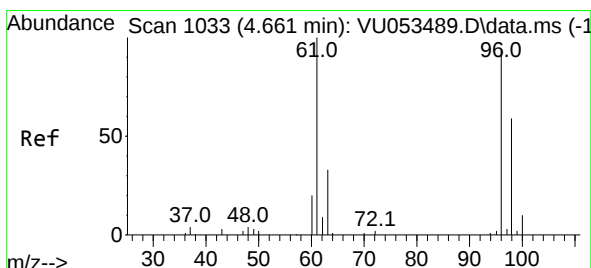
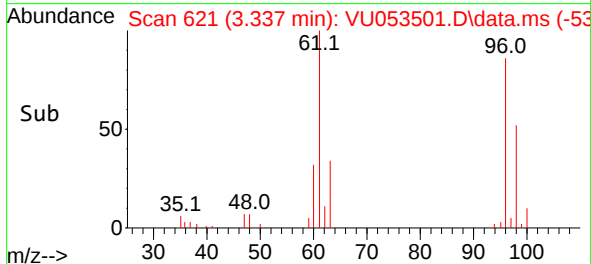
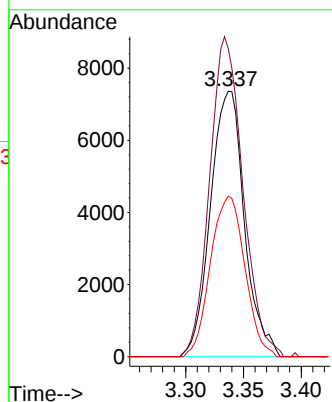


#17
trans-1,2-Dichloroethene
Concen: 9.705 ug/L
RT: 3.337 min Scan# 61
Delta R.T. -0.013 min
Lab File: VU053501.D
Acq: 31 Mar 2023 18:58

Instrument :
MSVOA_W
ClientSampleId :

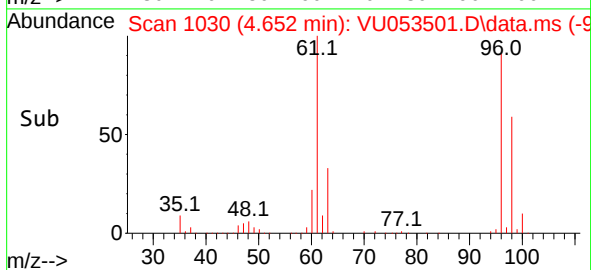
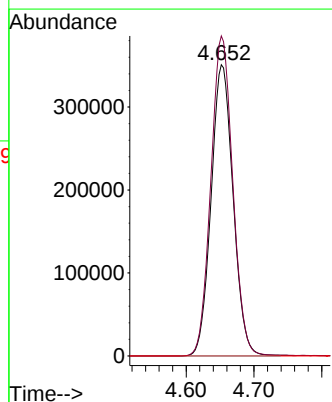
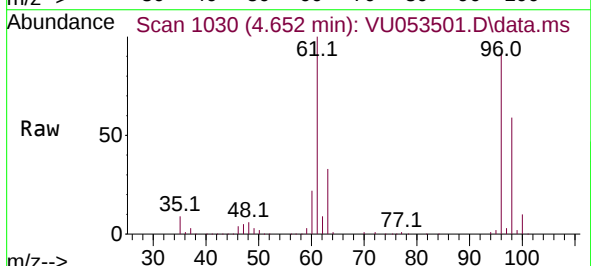


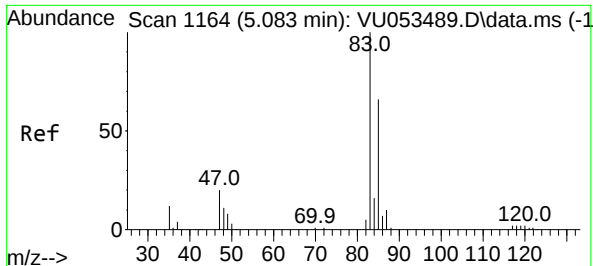
Tgt Ion: 96 Resp: 15030
Ion Ratio Lower Upper
96 100
61 116.2 84.4 156.8
98 60.5 46.0 85.4



#20
cis-1,2-Dichloroethene
Concen: 442.623 ug/L
RT: 4.652 min Scan# 1030
Delta R.T. -0.010 min
Lab File: VU053501.D
Acq: 31 Mar 2023 18:58

Tgt Ion: 96 Resp: 791775
Ion Ratio Lower Upper
96 100
61 109.9 74.7 138.7
68 0.0 0.0 0.0





#25

Chloroform

Concen: 3.040 ug/L

RT: 5.079 min Scan# 1163

Delta R.T. -0.003 min

Lab File: VU053501.D

Acq: 31 Mar 2023 18:58

Instrument :

MSVOA_W

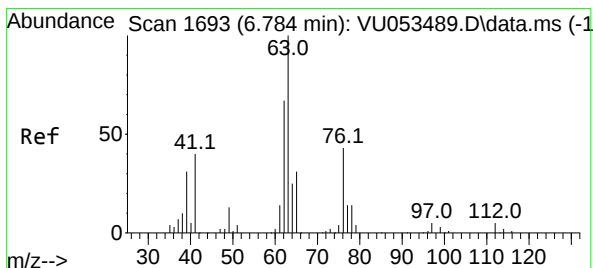
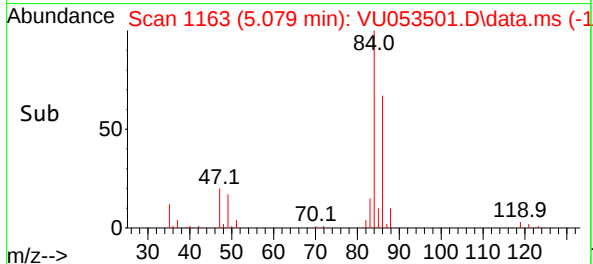
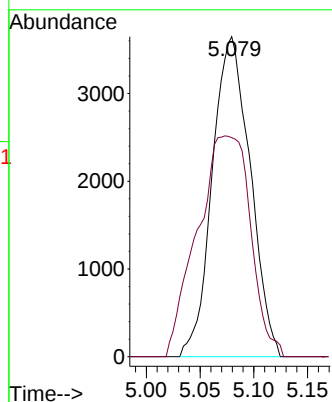
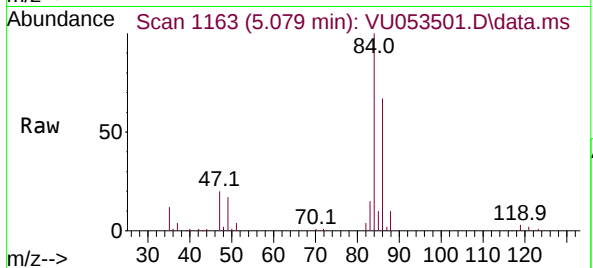
ClientSampleId :

Tgt Ion: 83 Resp: 8946

Ion Ratio Lower Upper

83 100

85 68.5 46.1 85.5



#37

1,2-Dichloropropane

Concen: 10.244 ug/L

RT: 6.684 min Scan# 1662

Delta R.T. -0.100 min

Lab File: VU053501.D

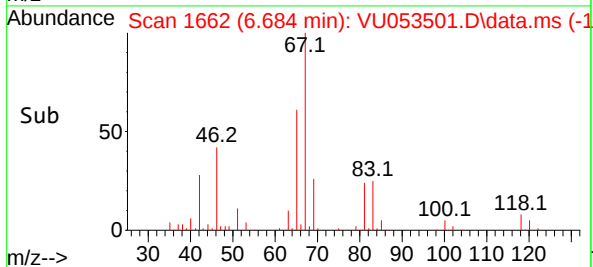
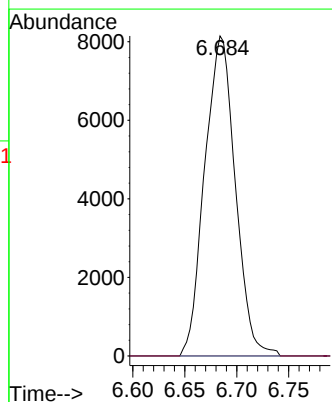
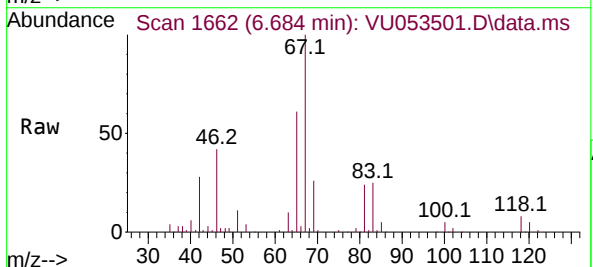
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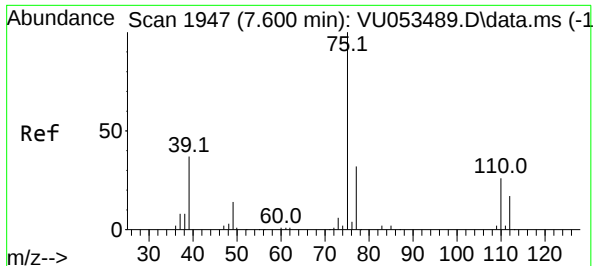
Tgt Ion: 63 Resp: 16708

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 1.843 ug/L

RT: 7.555 min Scan# 1947

Delta R.T. -0.045 min

Lab File: VU053501.D

Acq: 31 Mar 2023 18:58

Instrument :

MSVOA_W

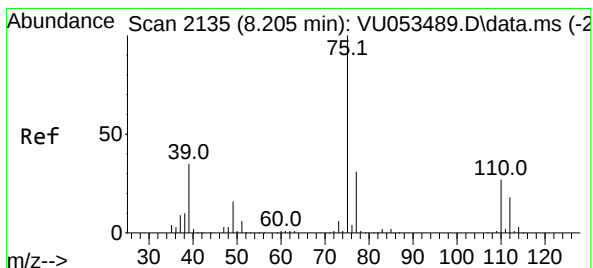
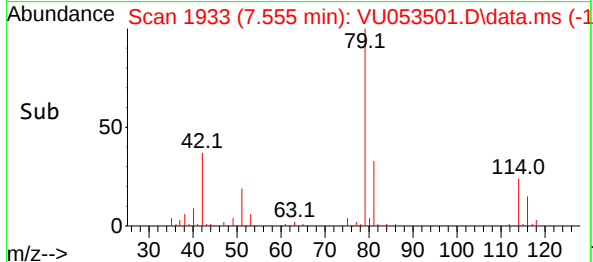
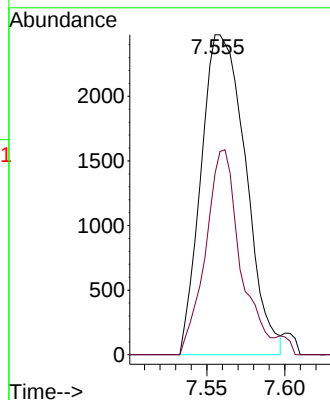
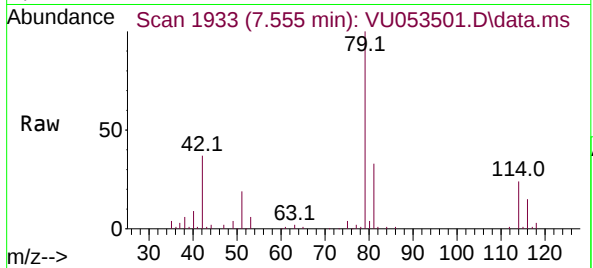
ClientSampleId :

Tgt Ion: 75 Resp: 4913

Ion Ratio Lower Upper

75 100

77 56.7 22.5 41.7#



#44

trans-1,3-Dichloropropene

Concen: 1.328 ug/L

RT: 8.176 min Scan# 2126

Delta R.T. -0.029 min

Lab File: VU053501.D

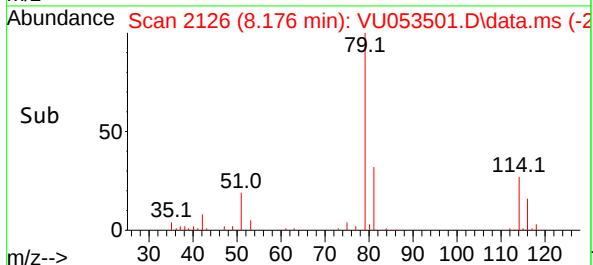
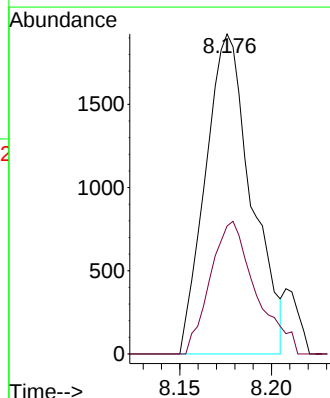
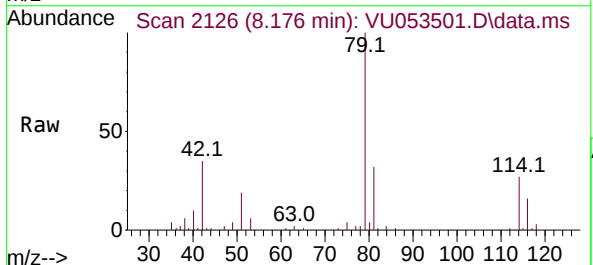
Acq: 31 Mar 2023 18:58

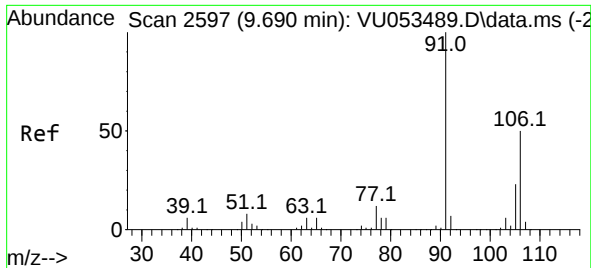
Tgt Ion: 75 Resp: 3347

Ion Ratio Lower Upper

75 100

77 40.0 21.8 40.4

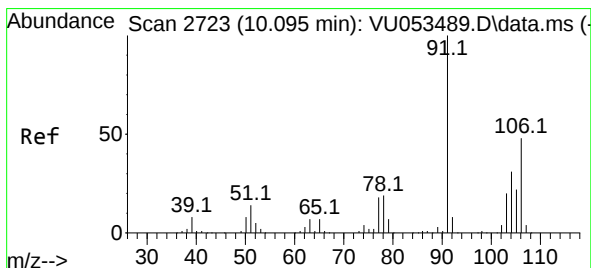
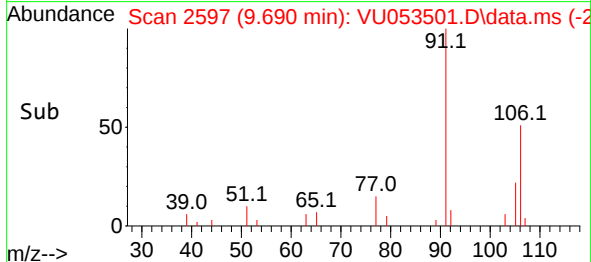
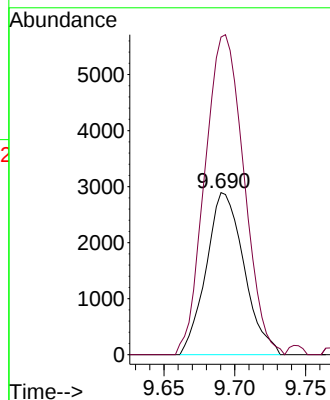
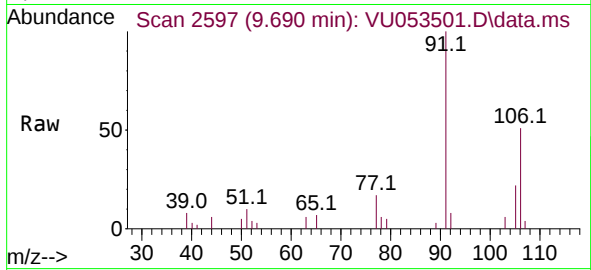




#53
m,p-Xylene
Concen: 1.695 ug/L
RT: 9.690 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU053501.D
Acq: 31 Mar 2023 18:58

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:106 Resp: 5370
Ion Ratio Lower Upper
106 100
91 195.9 140.0 260.0



#54
o-xylene
Concen: 1.423 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. 0.006 min
Lab File: VU053501.D
Acq: 31 Mar 2023 18:58

Tgt Ion:106 Resp: 4459
Ion Ratio Lower Upper
106 100
91 188.7 144.9 269.1

