

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031523\
 Data File : VU053212.D
 Acq On : 15 Mar 2023 19:47
 Operator : JC/MD
 Sample : 01929-18
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EYFF1

Quant Time: Mar 16 04:04:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 16 03:54:54 2023
 Response via : Initial Calibration

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

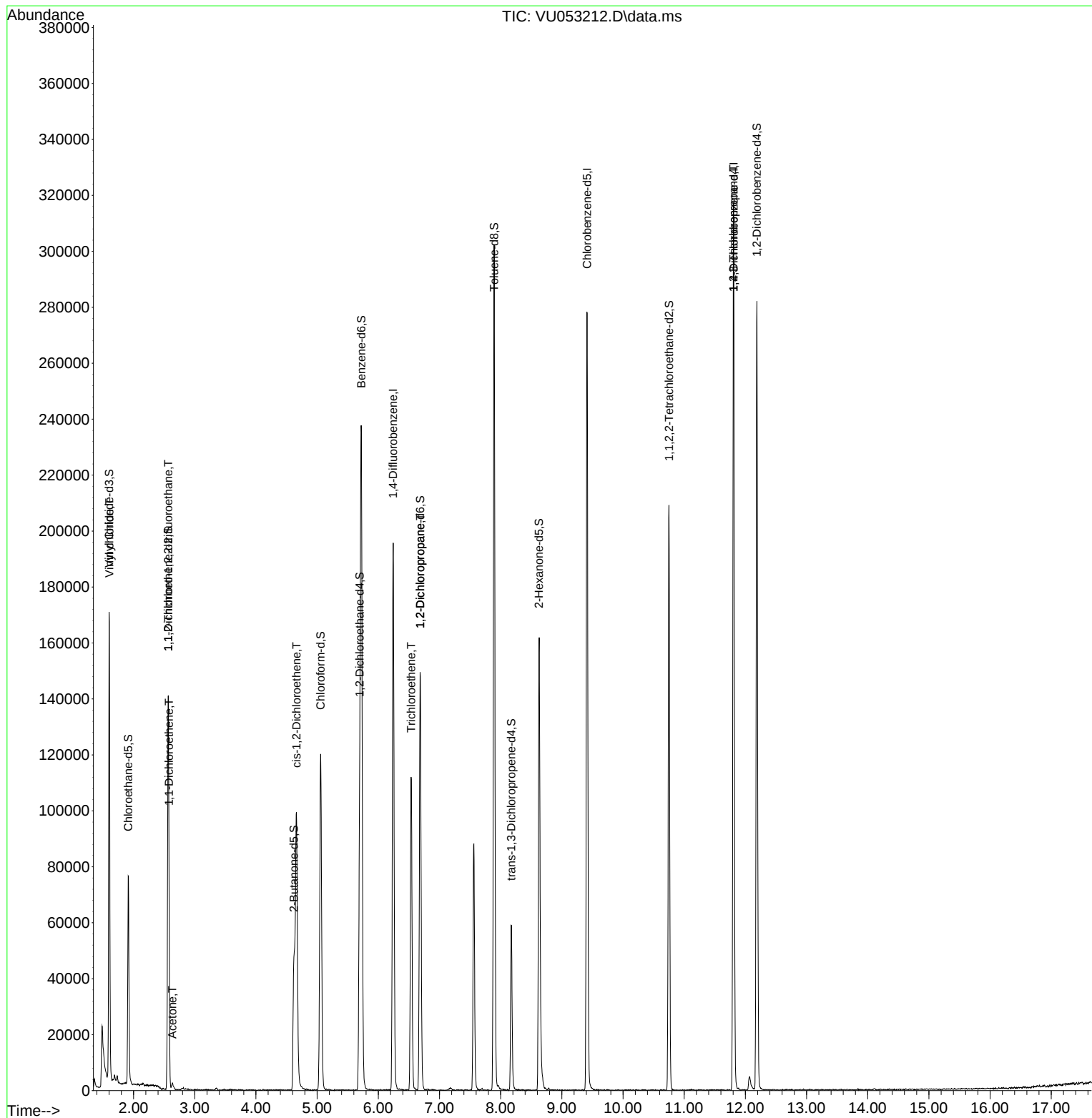
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	158136	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	153718	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	77823	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	62239	42.662	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	85.320%		
7) Chloroethane-d5	1.913	69	52949	44.869	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	89.740%		
11) 1,1-Dichloroethene-d2	2.565	63	84091	33.274	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	66.540%		
21) 2-Butanone-d5	4.620	46	72447	107.069	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	107.070%		
24) Chloroform-d	5.057	84	106808	44.450	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.900%		
26) 1,2-Dichloroethane-d4	5.697	65	68907	46.175	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.360%		
32) Benzene-d6	5.723	84	225322	45.192	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.380%		
36) 1,2-Dichloropropane-d6	6.684	67	73806	45.866	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	91.740%		
41) Toluene-d8	7.893	98	201994	43.514	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.020%		
43) trans-1,3-Dichloroprop...	8.173	79	34252	43.142	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	86.280%		
47) 2-Hexanone-d5	8.626	63	58267	115.819	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	115.820%		
56) 1,1,2,2-Tetrachloroeth...	10.751	84	102368	49.108	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	98.220%		
66) 1,2-Dichlorobenzene-d4	12.189	152	69614	46.198	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.400%		
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	61423	36.917	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	773	0.616	ug/L #	22
12) 1,1-Dichloroethene	2.578	96	1324	1.140	ug/L #	1
13) Acetone	2.636	43	2861	3.713	ug/L	99
20) cis-1,2-Dichloroethene	4.662	96	47244	34.135	ug/L	100
34) Trichloroethene	6.536	95	38653	27.817	ug/L	96
37) 1,2-Dichloropropane	6.684	63	7752	5.214	ug/L #	90
60) 1,2,3-Trichloropropane	11.806	75	11551	7.469	ug/L #	66

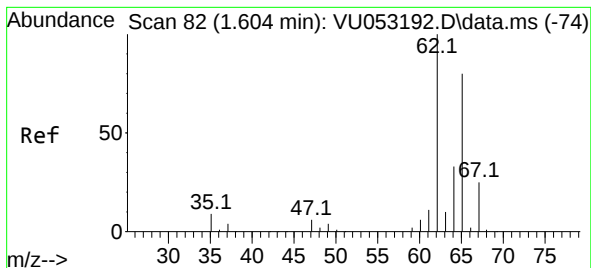
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 36.917 ug/L

RT: 1.604 min Scan# 81

Delta R.T. 0.000 min

Lab File: VU053212.D

Acq: 15 Mar 2023 19:47

Instrument :

MSVOA_U

ClientSampleId :

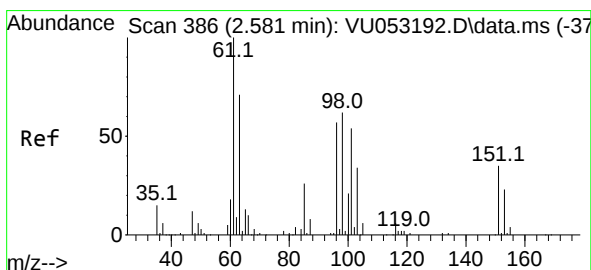
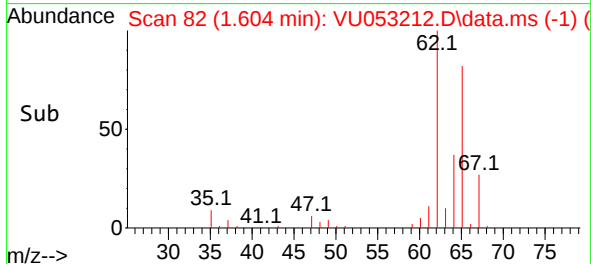
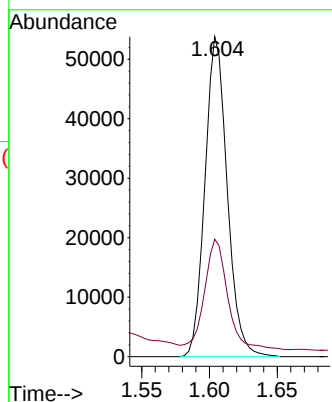
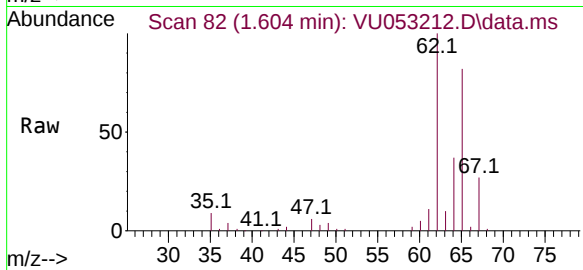
EYFF1

Tgt Ion: 62 Resp: 61423

Ion Ratio Lower Upper

62 100

64 36.7 23.2 43.0



#10

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

Concen: 0.616 ug/L

RT: 2.568 min Scan# 382

Delta R.T. -0.013 min

Lab File: VU053212.D

Acq: 15 Mar 2023 19:47

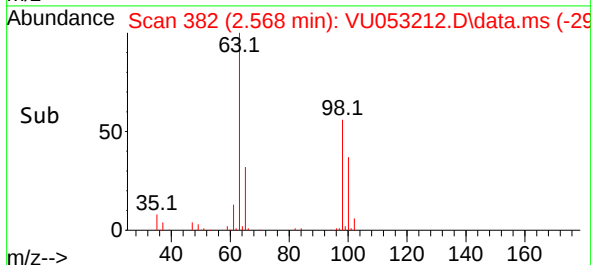
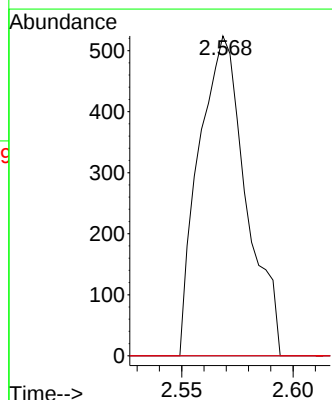
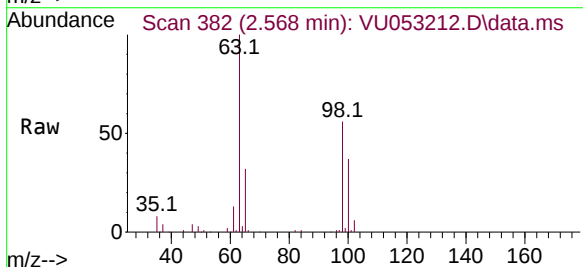
Tgt Ion: 101 Resp: 773

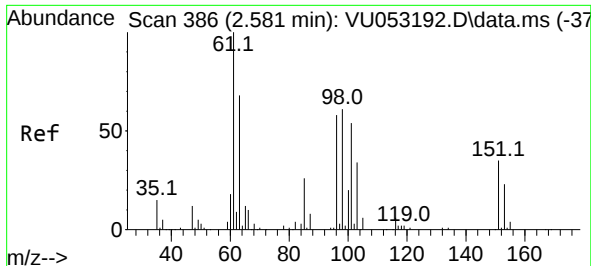
Ion Ratio Lower Upper

101 100

85 0.0 37.0 55.6#

151 0.0 52.9 79.3#





#12

1,1-Dichloroethene

Concen: 1.140 ug/L

RT: 2.578 min Scan# 386

Delta R.T. -0.003 min

Lab File: VU053212.D

Acq: 15 Mar 2023 19:47

Instrument :

MSVOA_U

ClientSampleId :

EYFF1

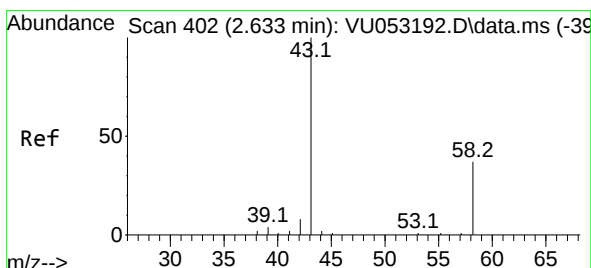
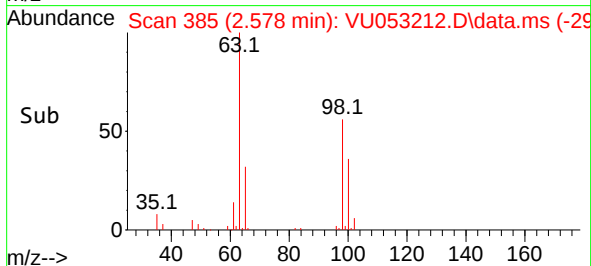
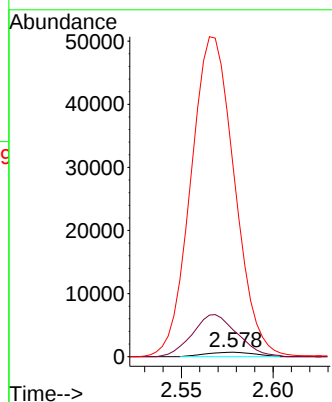
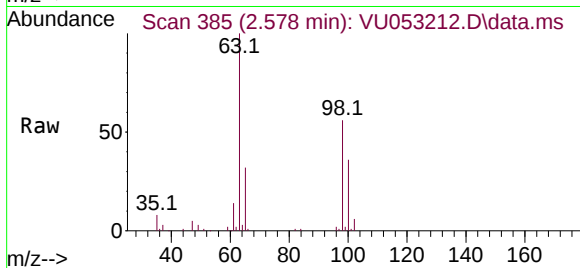
Tgt Ion: 96 Resp: 1324

Ion Ratio Lower Upper

96 100

61 602.5 122.2 226.9#

63 4282.9 89.9 166.9#



#13

Acetone

Concen: 3.713 ug/L

RT: 2.636 min Scan# 403

Delta R.T. 0.003 min

Lab File: VU053212.D

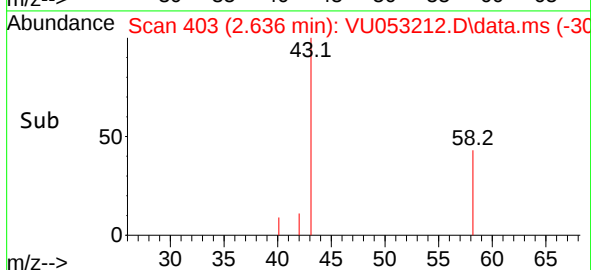
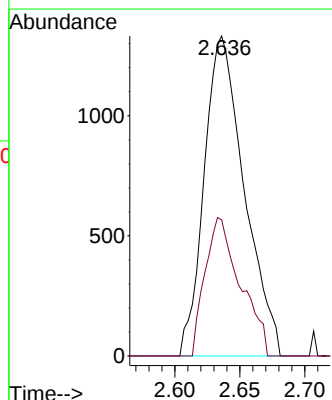
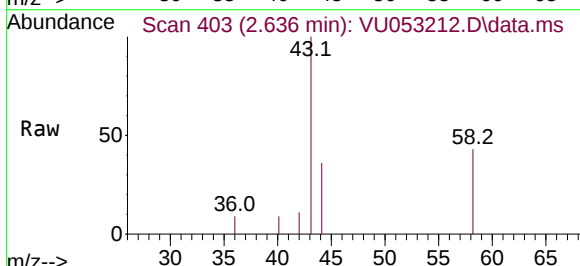
Acq: 15 Mar 2023 19:47

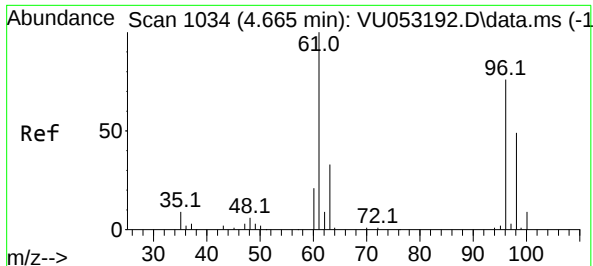
Tgt Ion: 43 Resp: 2861

Ion Ratio Lower Upper

43 100

58 38.1 0.0 75.0

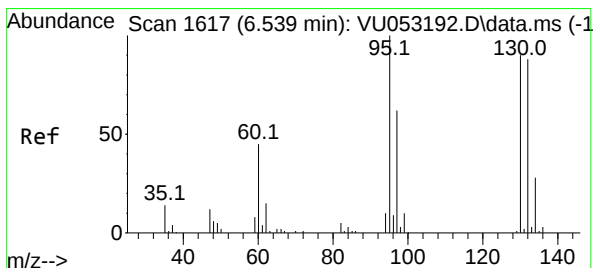
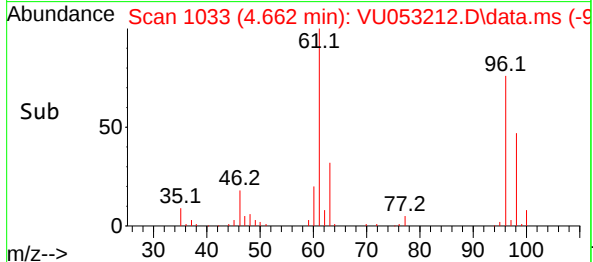
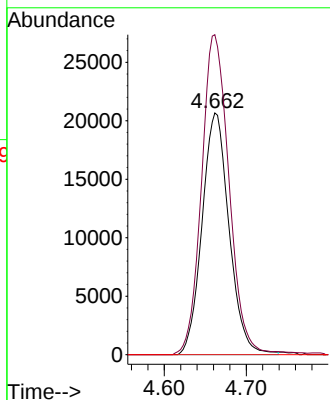
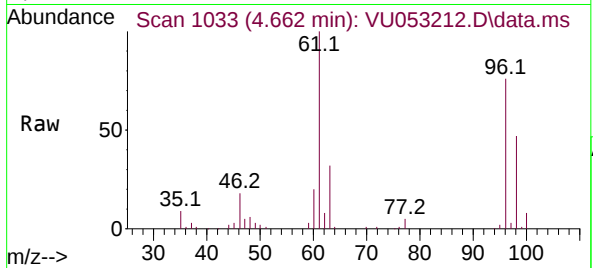




#20
 cis-1,2-Dichloroethene
 Concen: 34.135 ug/L
 RT: 4.662 min Scan# 1034
 Delta R.T. -0.003 min
 Lab File: VU053212.D
 Acq: 15 Mar 2023 19:47

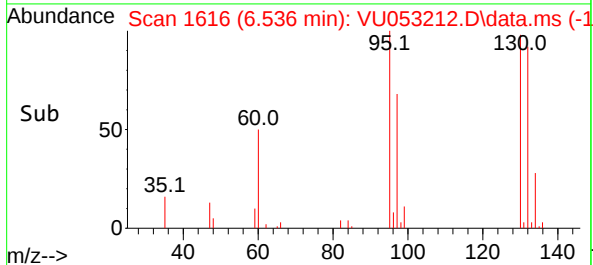
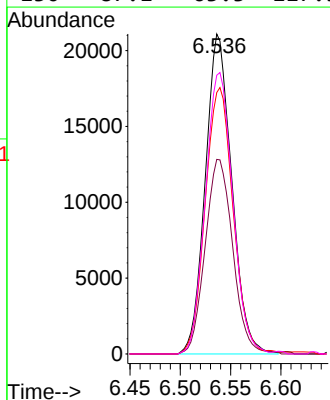
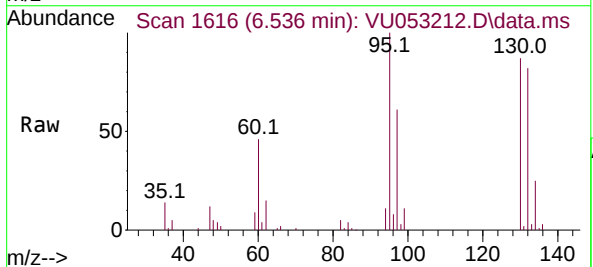
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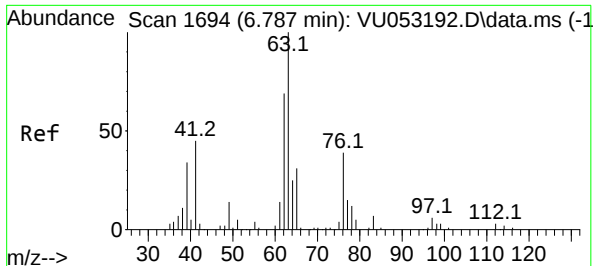
Tgt Ion: 96 Resp: 47244
 Ion Ratio Lower Upper
 96 100
 61 132.4 92.5 171.7
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 27.817 ug/L
 RT: 6.536 min Scan# 1616
 Delta R.T. -0.003 min
 Lab File: VU053212.D
 Acq: 15 Mar 2023 19:47

Tgt Ion: 95 Resp: 38653
 Ion Ratio Lower Upper
 95 100
 97 60.8 43.8 81.3
 132 81.7 61.5 114.3
 130 87.1 63.3 117.5

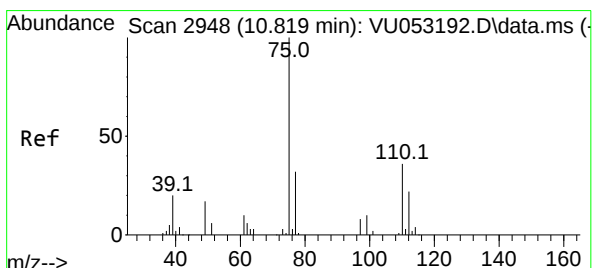
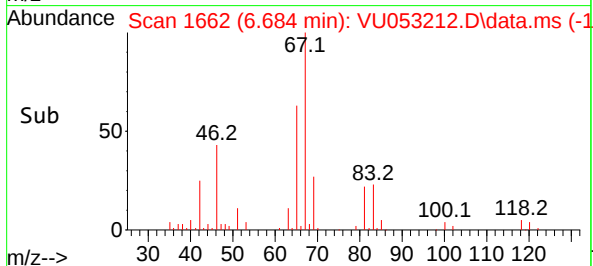
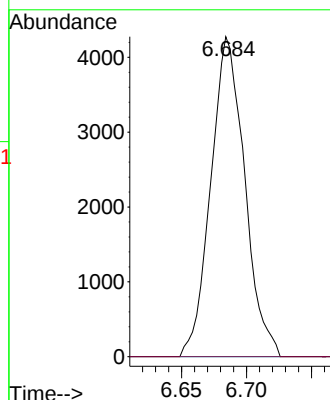
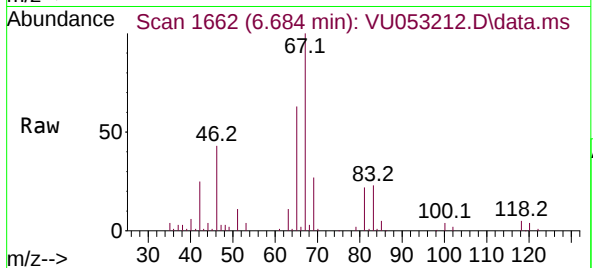




#37
1,2-Dichloropropane
Concen: 5.214 ug/L
RT: 6.684 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU053212.D
Acq: 15 Mar 2023 19:47

Instrument :
MSVOA_U
ClientSampleId :
EYFF1

Tgt Ion: 63 Resp: 7752
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#



#60
1,2,3-Trichloropropane
Concen: 7.469 ug/L
RT: 11.806 min Scan# 3255
Delta R.T. 0.987 min
Lab File: VU053212.D
Acq: 15 Mar 2023 19:47

Tgt Ion: 75 Resp: 11551
Ion Ratio Lower Upper
75 100
77 29.7 26.6 40.0
110 1.0 28.6 42.8#

