

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031523\
 Data File : VU053206.D
 Acq On : 15 Mar 2023 17:27
 Operator : JC/MD
 Sample : 01929-10
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EYFE3

Quant Time: Mar 16 04:03:08 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)

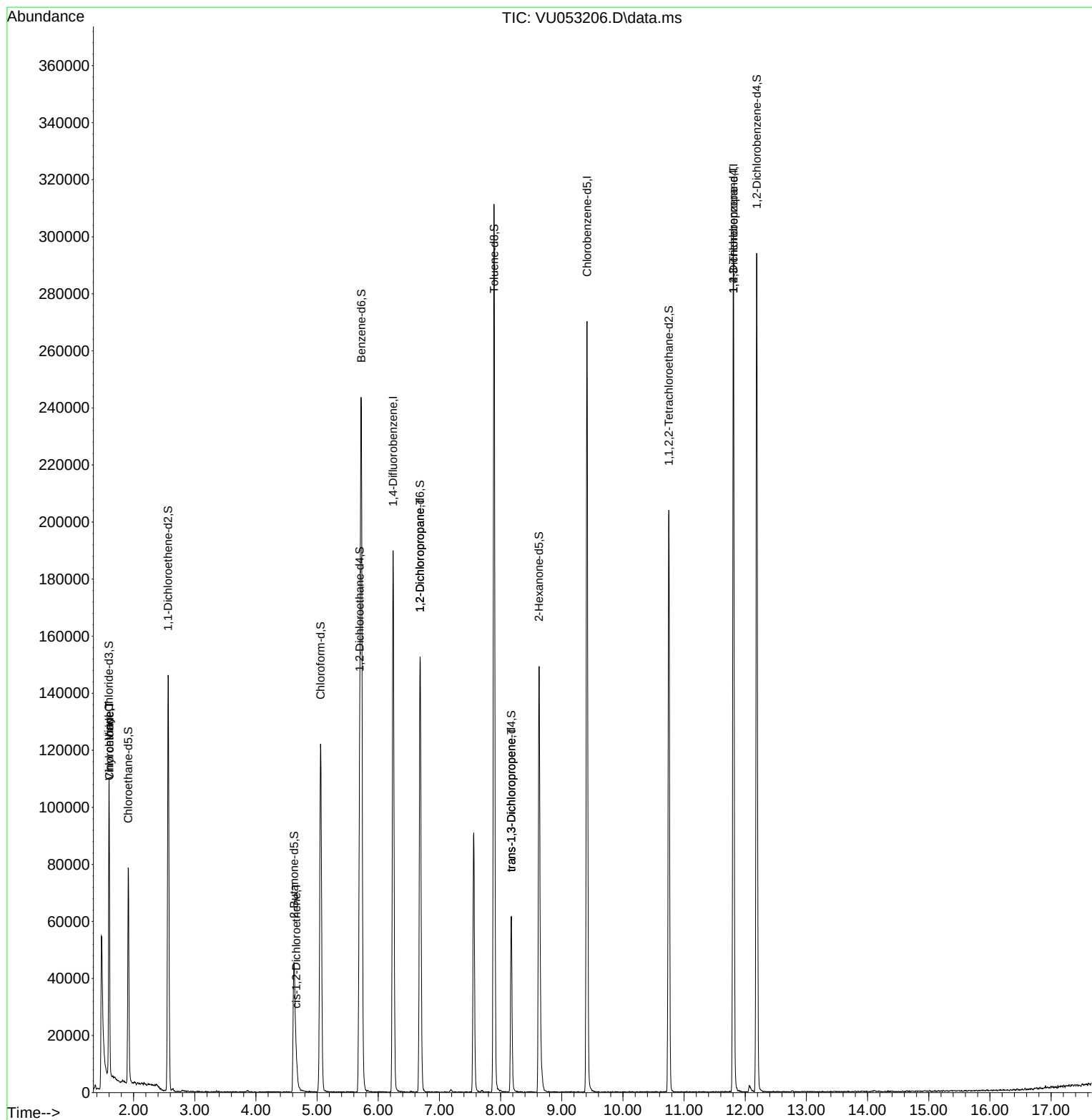
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	152803	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	146021	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	74755	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	64984	46.098	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	92.200%		
7) Chloroethane-d5	1.913	69	54335	47.651	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	95.300%		
11) 1,1-Dichloroethene-d2	2.565	63	85719	35.101	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	70.200%		
21) 2-Butanone-d5	4.623	46	74219	113.516	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	113.520%		
24) Chloroform-d	5.057	84	108612	46.778	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.560%		
26) 1,2-Dichloroethane-d4	5.697	65	70686	49.021	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.040%		
32) Benzene-d6	5.723	84	232384	49.065	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.140%		
36) 1,2-Dichloropropane-d6	6.684	67	76945	50.337	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	100.680%		
41) Toluene-d8	7.893	98	210115	47.650	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.300%		
43) trans-1,3-Dichloroprop...	8.176	79	36338	48.181	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	96.360%		
47) 2-Hexanone-d5	8.629	63	54776	114.619	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	114.620%		
56) 1,1,2,2-Tetrachloroeth...	10.751	84	103447	52.241	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	104.480%		
66) 1,2-Dichlorobenzene-d4	12.189	152	71678	49.520	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.040%		
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	9341	5.810	ug/L #	30
8) Chloroethane	1.604	64	3272	3.445	ug/L	88
20) cis-1,2-Dichloroethene	4.662	96	2804	2.097	ug/L	99
37) 1,2-Dichloropropane	6.684	63	7903	5.595	ug/L #	90
44) trans-1,3-Dichloropropene	8.176	75	1701	0.802	ug/L #	65
60) 1,2,3-Trichloropropane	11.806	75	10641	7.163	ug/L #	68

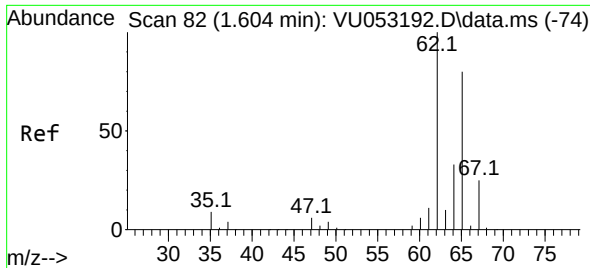
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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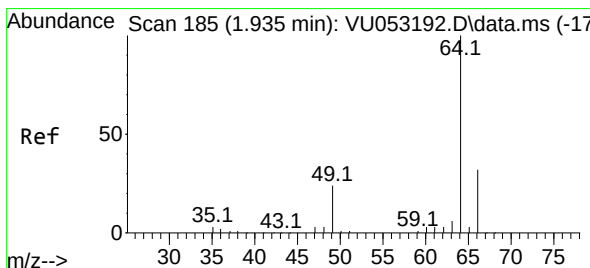
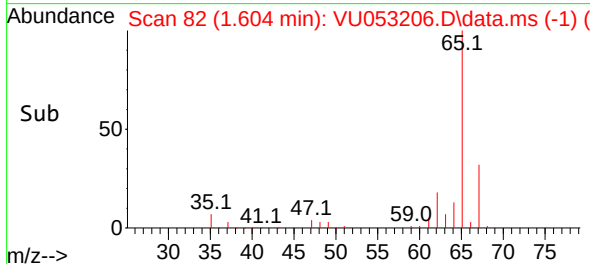
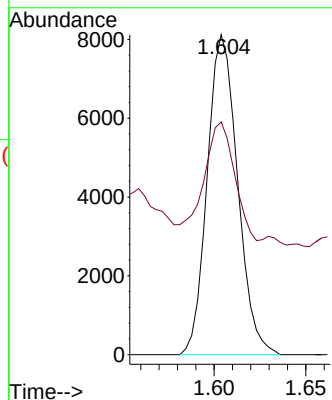
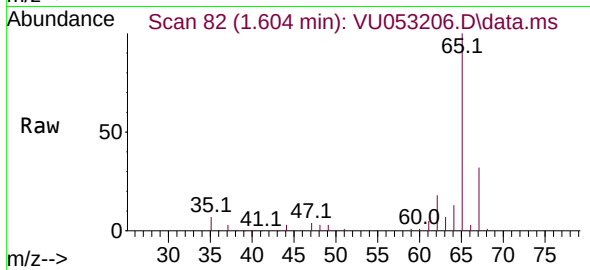




#5
 Vinyl chloride
 Concen: 5.810 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU053206.D
 Acq: 15 Mar 2023 17:27

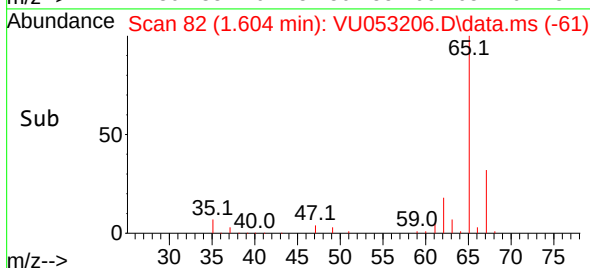
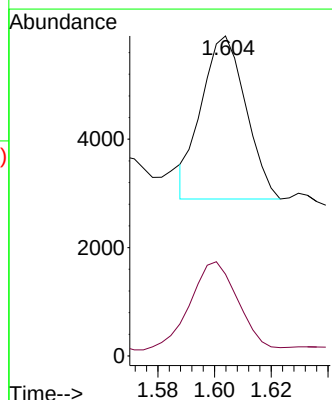
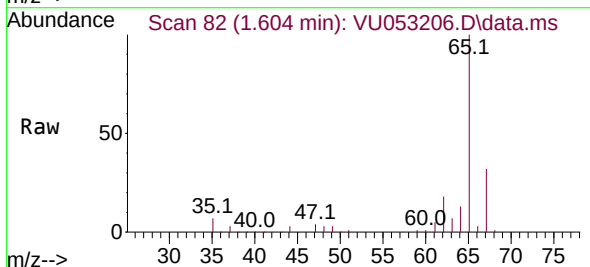
Instrument :
 MSVOA_U
 ClientSampleId :
 EYFE3

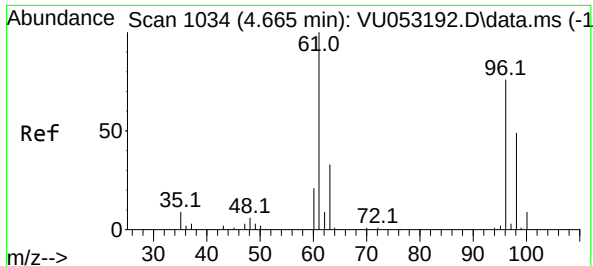
Tgt Ion: 62 Resp: 9341
 Ion Ratio Lower Upper
 62 100
 64 72.7 23.2 43.0#



#8
 Chloroethane
 Concen: 3.445 ug/L
 RT: 1.604 min Scan# 82
 Delta R.T. -0.331 min
 Lab File: VU053206.D
 Acq: 15 Mar 2023 17:27

Tgt Ion: 64 Resp: 3272
 Ion Ratio Lower Upper
 64 100
 66 25.5 22.6 42.0





#20

cis-1,2-Dichloroethene

Concen: 2.097 ug/L

RT: 4.662 min Scan# 1034

Delta R.T. -0.003 min

Lab File: VU053206.D

Acq: 15 Mar 2023 17:27

Instrument :

MSVOA_U

ClientSampleId :

EYFE3

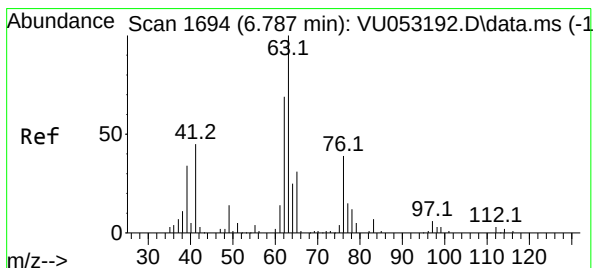
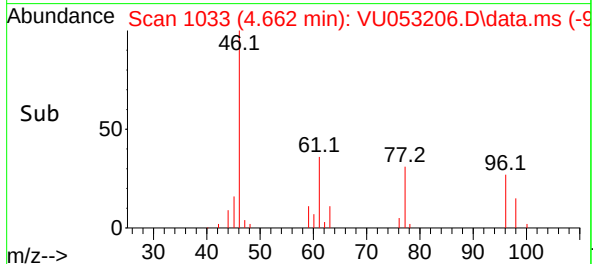
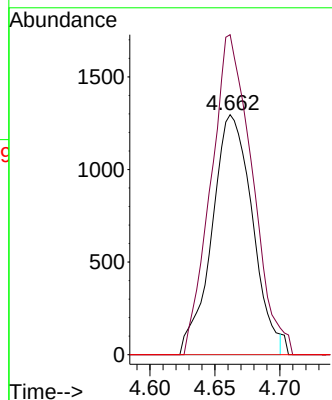
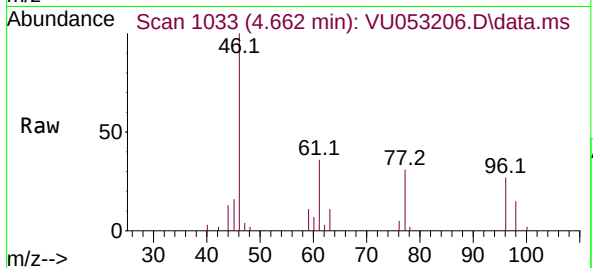
Tgt Ion: 96 Resp: 2804

Ion Ratio Lower Upper

96 100

61 133.3 92.5 171.7

68 0.0 0.0 0.0



#37

1,2-Dichloropropane

Concen: 5.595 ug/L

RT: 6.684 min Scan# 1662

Delta R.T. -0.103 min

Lab File: VU053206.D

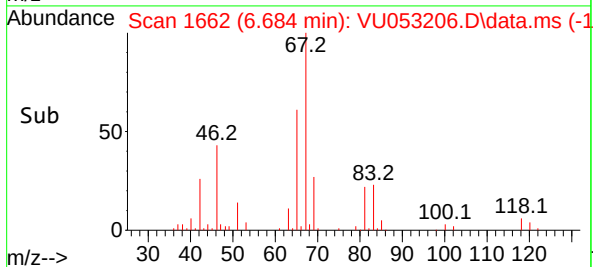
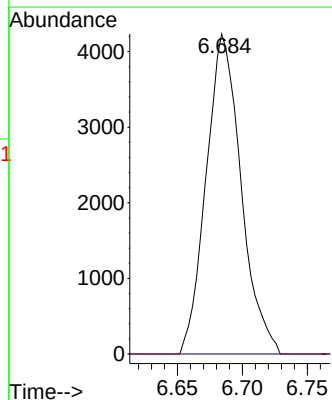
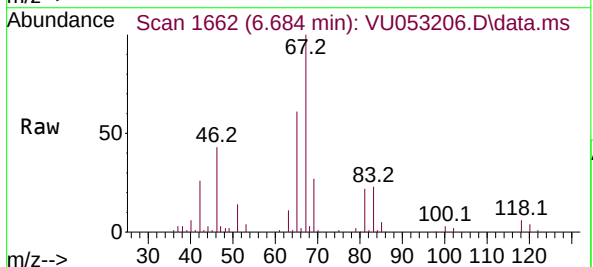
Acq: 15 Mar 2023 17:27

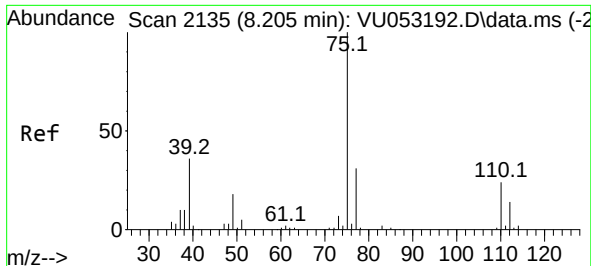
Tgt Ion: 63 Resp: 7903

Ion Ratio Lower Upper

63 100

112 0.0 2.6 3.8#

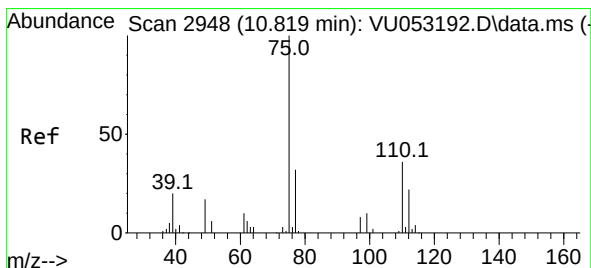
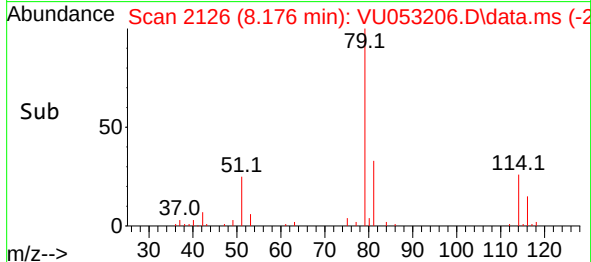
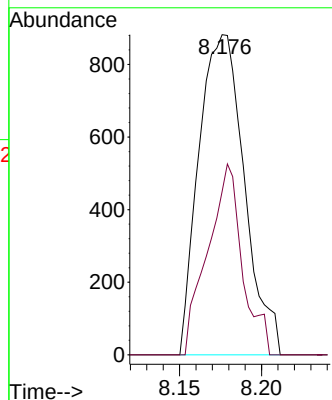
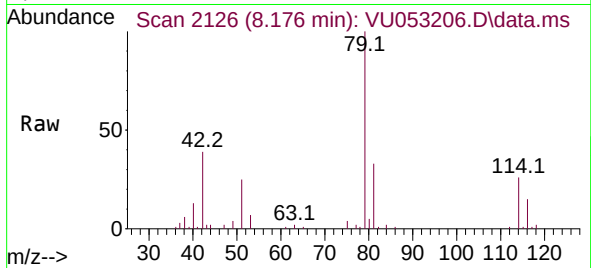




#44
trans-1,3-Dichloropropene
Concen: 0.802 ug/L
RT: 8.176 min Scan# 2135
Delta R.T. -0.029 min
Lab File: VU053206.D
Acq: 15 Mar 2023 17:27

Instrument :
MSVOA_U
ClientSampleId :
EYFE3

Tgt Ion: 75 Resp: 1701
Ion Ratio Lower Upper
75 100
77 51.0 22.0 40.8#



#60
1,2,3-Trichloropropane
Concen: 7.163 ug/L
RT: 11.806 min Scan# 3255
Delta R.T. 0.987 min
Lab File: VU053206.D
Acq: 15 Mar 2023 17:27

Tgt Ion: 75 Resp: 10641
Ion Ratio Lower Upper
75 100
77 35.2 26.6 40.0
110 1.5 28.6 42.8#

