

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031723\
 Data File : VU053271.D
 Acq On : 17 Mar 2023 16:49
 Operator : JC/MD
 Sample : 01930-14
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EYFC0

Quant Time: Mar 18 01:53:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 18 01:49:30 2023
 Response via : Initial Calibration

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

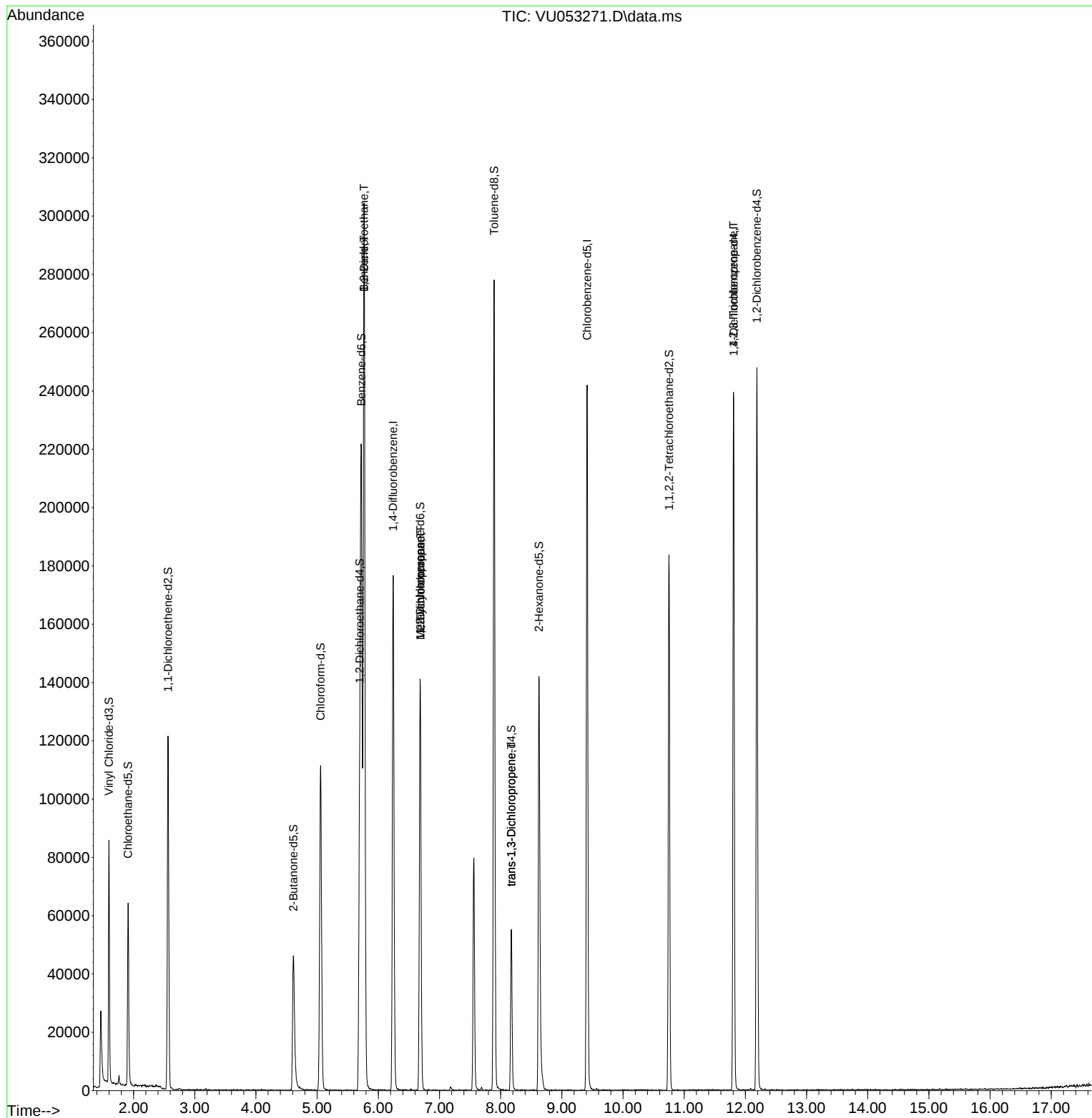
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	138661	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	126050	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	57187	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	56389	44.081	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	88.160%		
7) Chloroethane-d5	1.909	69	46606	45.041	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	90.080%		
11) 1,1-Dichloroethene-d2	2.562	63	72845	32.872	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	65.740%		
21) 2-Butanone-d5	4.613	46	67380	113.566	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	113.570%		
24) Chloroform-d	5.057	84	97590	46.318	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.640%		
26) 1,2-Dichloroethane-d4	5.697	65	66133	50.541	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.080%		
32) Benzene-d6	5.723	84	205120	50.170	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.340%		
36) 1,2-Dichloropropane-d6	6.684	67	67232	50.951	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	101.900%		
41) Toluene-d8	7.893	98	183496	48.206	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.420%		
43) trans-1,3-Dichloroprop...	8.173	79	31080	47.739	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	95.480%		
47) 2-Hexanone-d5	8.626	63	50857	123.279	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	123.280%		
56) 1,1,2,2-Tetrachloroeth...	10.751	84	90576	52.988	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	105.980%		
66) 1,2-Dichlorobenzene-d4	12.189	152	57948	52.333	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	104.660%		
Target Compounds						Qvalue
27) 1,2-Dichloroethane	5.768	62	2623	1.574	ug/L #	76
33) Benzene	5.768	78	285726	65.383	ug/L	100
35) Methylcyclohexane	6.687	83	15137	7.579	ug/L #	20
37) 1,2-Dichloropropane	6.687	63	7623	6.252	ug/L #	90
44) trans-1,3-Dichloropropene	8.173	75	1460	0.797	ug/L	89
60) 1,2,3-Trichloropropane	11.806	75	9093	8.002	ug/L #	68

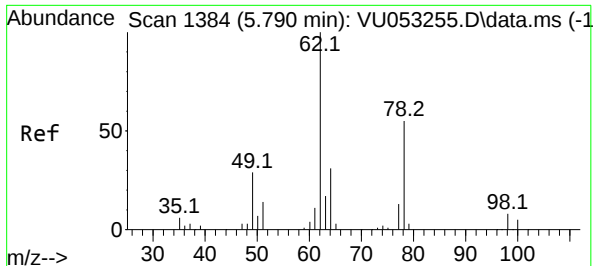
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Mar 18 01:49:30 2023
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#27

1,2-Dichloroethane

Concen: 1.574 ug/L

RT: 5.768 min Scan# 1377

Delta R.T. -0.022 min

Lab File: VU053271.D

Acq: 17 Mar 2023 16:49

Instrument :

MSVOA_U

ClientSampleId :

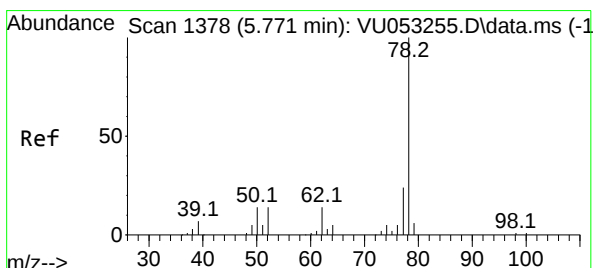
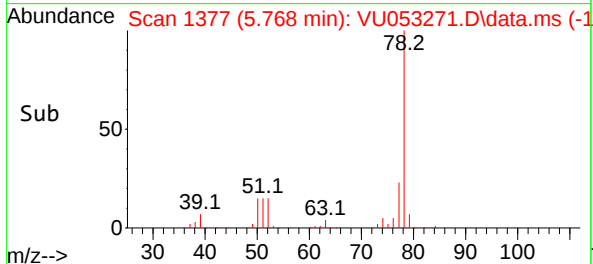
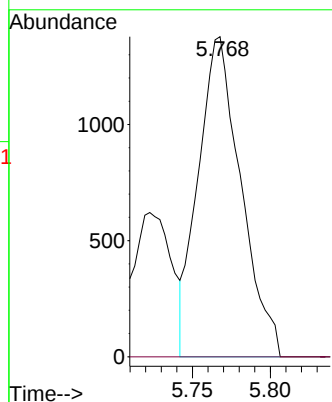
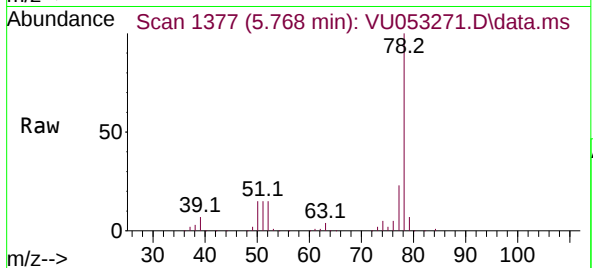
EYFC0

Tgt Ion: 62 Resp: 2623

Ion Ratio Lower Upper

62 100

98 0.0 7.0 10.6#



#33

Benzene

Concen: 65.383 ug/L

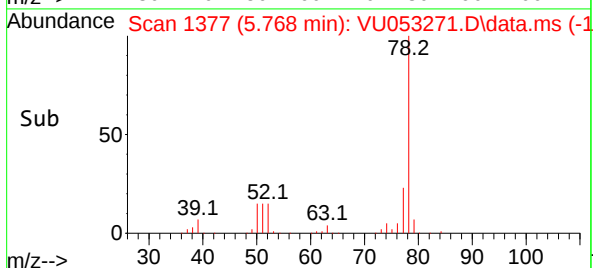
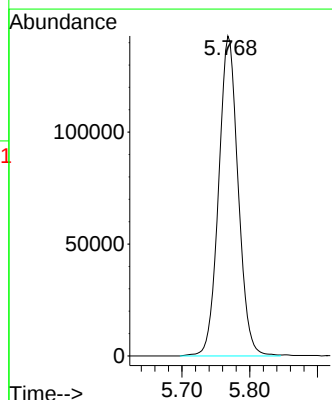
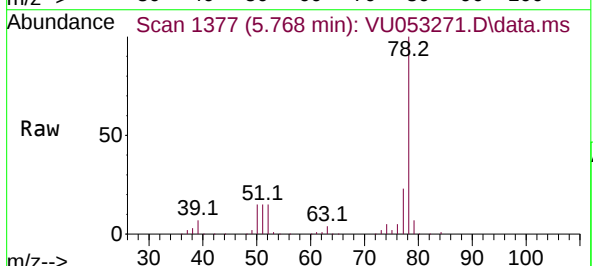
RT: 5.768 min Scan# 1377

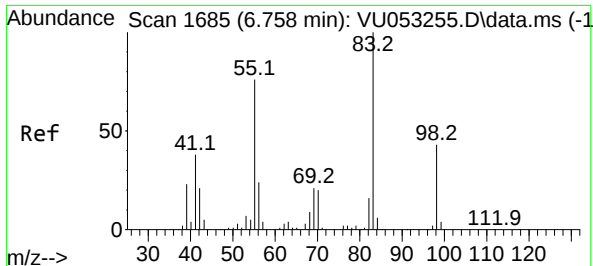
Delta R.T. -0.003 min

Lab File: VU053271.D

Acq: 17 Mar 2023 16:49

Tgt Ion: 78 Resp: 285726





#35

Methylcyclohexane

Concen: 7.579 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU053271.D

Acq: 17 Mar 2023 16:49

Instrument :

MSVOA_U

ClientSampleId :

EYFC0

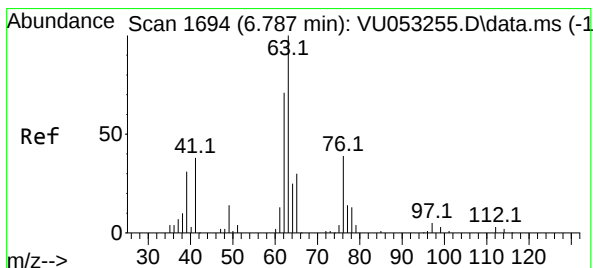
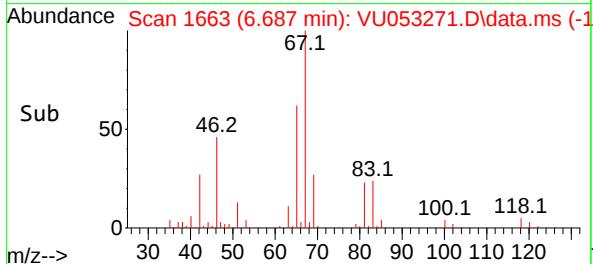
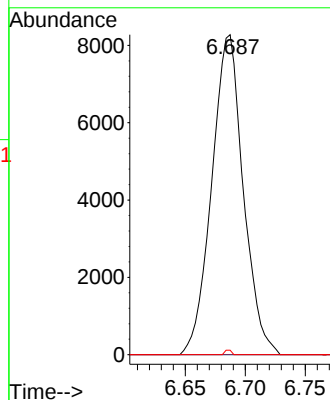
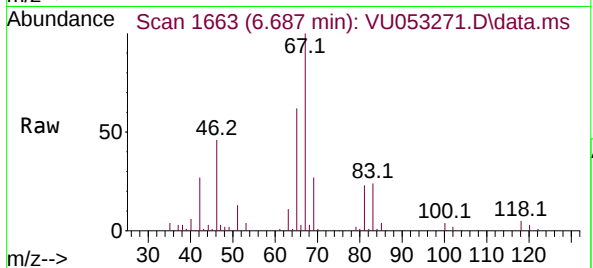
Tgt Ion: 83 Resp: 15137

Ion Ratio Lower Upper

83 100

55 0.0 58.2 87.4#

98 0.3 35.4 53.2#



#37

1,2-Dichloropropane

Concen: 6.252 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.100 min

Lab File: VU053271.D

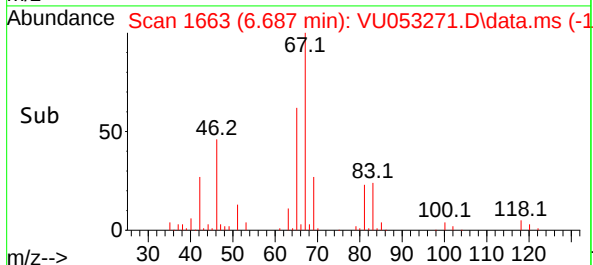
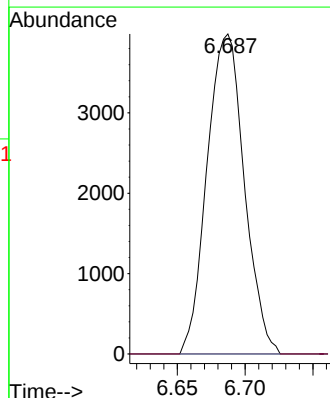
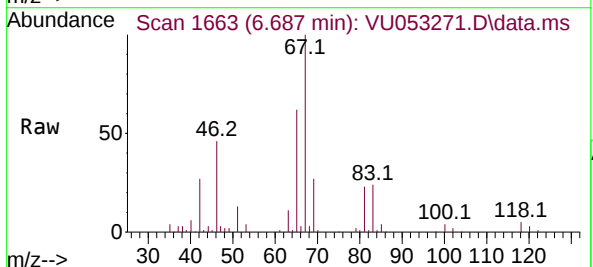
Acq: 17 Mar 2023 16:49

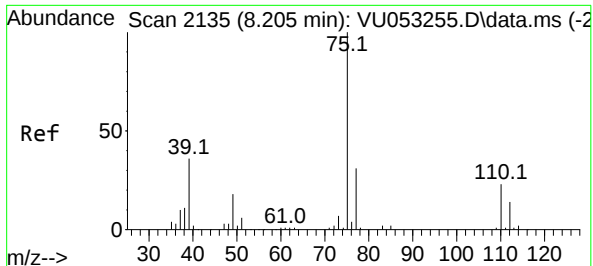
Tgt Ion: 63 Resp: 7623

Ion Ratio Lower Upper

63 100

112 0.0 2.6 3.8#





#44

trans-1,3-Dichloropropene

Concen: 0.797 ug/L

RT: 8.173 min Scan# 2135

Delta R.T. -0.032 min

Lab File: VU053271.D

Acq: 17 Mar 2023 16:49

Instrument :

MSVOA_U

ClientSampleId :

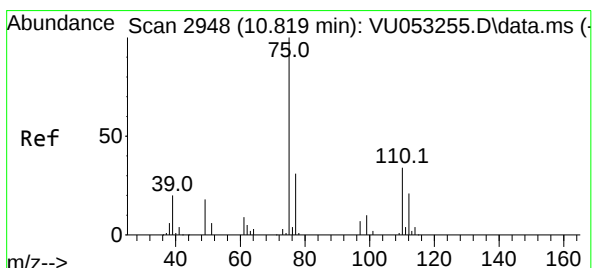
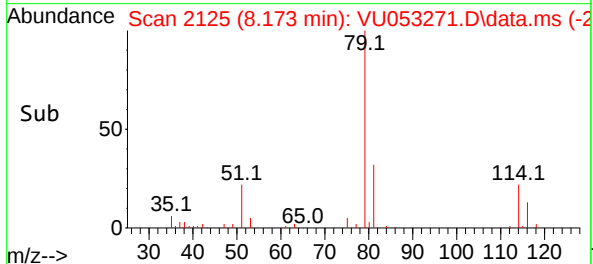
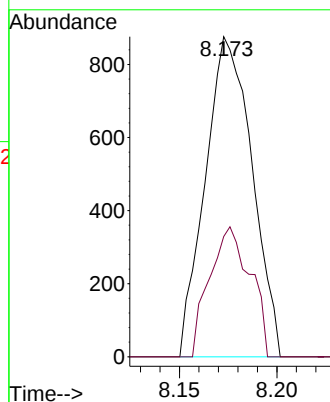
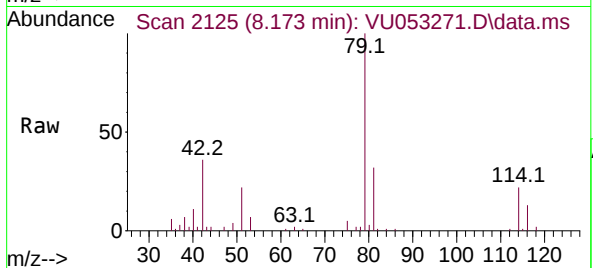
EYFC0

Tgt Ion: 75 Resp: 1460

Ion Ratio Lower Upper

75 100

77 37.6 22.0 40.8



#60

1,2,3-Trichloropropane

Concen: 8.002 ug/L

RT: 11.806 min Scan# 3255

Delta R.T. 0.987 min

Lab File: VU053271.D

Acq: 17 Mar 2023 16:49

Tgt Ion: 75 Resp: 9093

Ion Ratio Lower Upper

75 100

77 31.8 26.6 40.0

110 0.8 28.6 42.8

