

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032123\
 Data File : VU053319.D
 Acq On : 21 Mar 2023 13:17
 Operator : JC/MD
 Sample : 01961-08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EYFC3

Quant Time: Mar 22 03:10:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 22 03:08:43 2023
 Response via : Initial Calibration

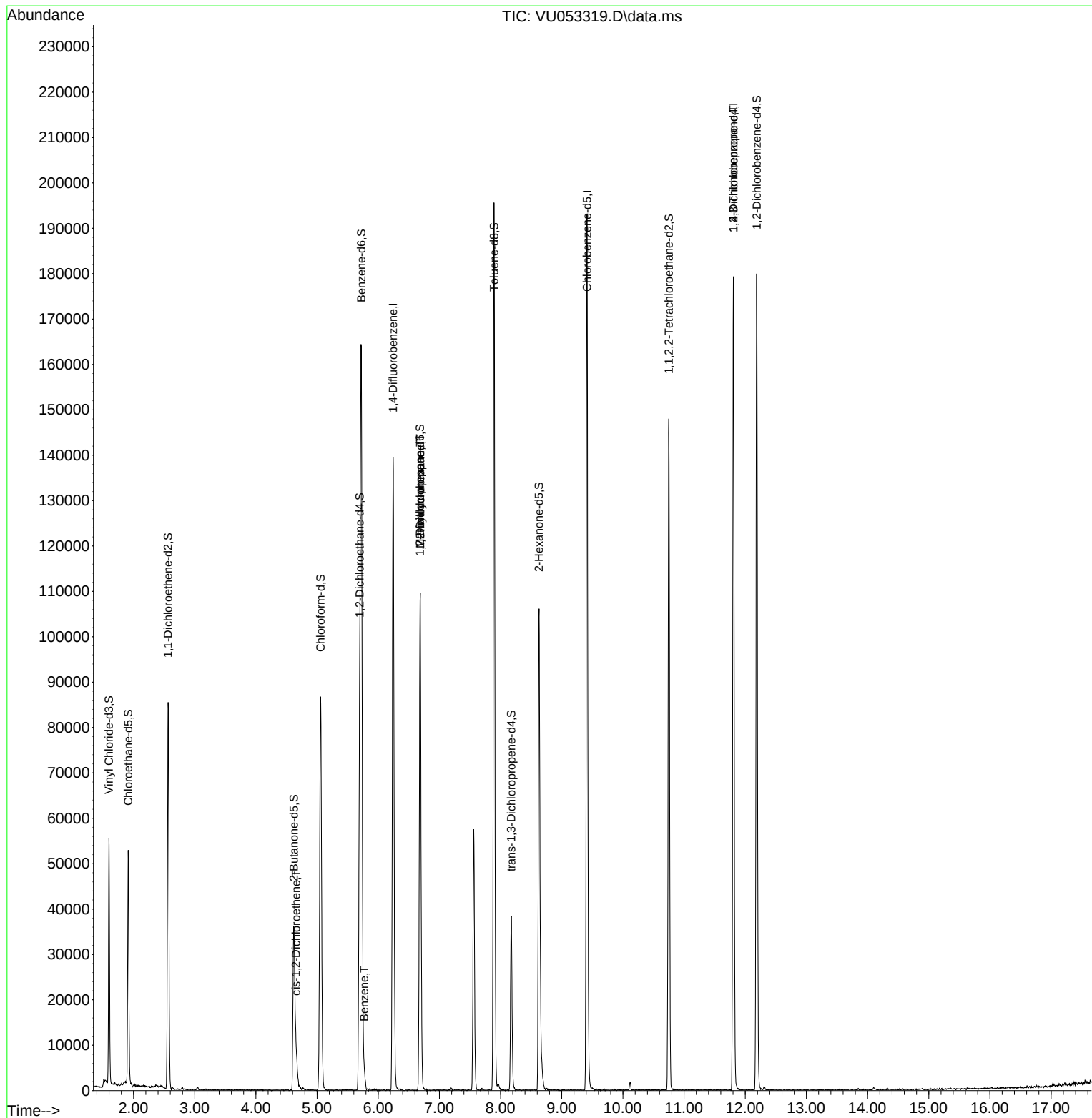
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	109543	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	100713	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	44000	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	37046	36.658	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.320%
7) Chloroethane-d5	1.912	69	36235	44.327	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.660%
11) 1,1-Dichloroethene-d2	2.565	63	49802	28.447	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.900%#
21) 2-Butanone-d5	4.620	46	52377	111.745	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.750%
24) Chloroform-d	5.057	84	75479	45.346	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.700%
26) 1,2-Dichloroethane-d4	5.697	65	52073	50.374	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.740%
32) Benzene-d6	5.722	84	151452	46.363	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.720%
36) 1,2-Dichloropropane-d6	6.684	67	52475	49.772	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.540%
41) Toluene-d8	7.893	98	129416	42.552	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.100%
43) trans-1,3-Dichloroprop...	8.176	79	22903	44.029	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.060%
47) 2-Hexanone-d5	8.626	63	37698	114.371	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.370%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	72907	53.382	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.760%
66) 1,2-Dichlorobenzene-d4	12.188	152	43649	51.233	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.460%
Target Compounds						
20) cis-1,2-Dichloroethene	4.655	96	1178	1.229	ug/L	73
33) Benzene	5.771	78	3807	1.090	ug/L	100
35) Methylcyclohexane	6.687	83	11060	6.930	ug/L #	20
37) 1,2-Dichloropropane	6.687	63	5713	5.865	ug/L #	90
60) 1,2,3-Trichloropropane	11.806	75	6964	7.965	ug/L #	64

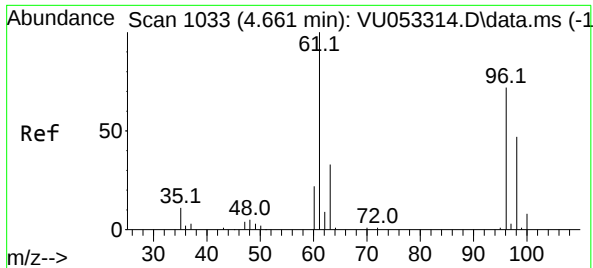
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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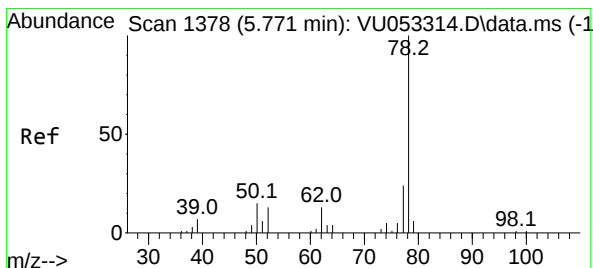
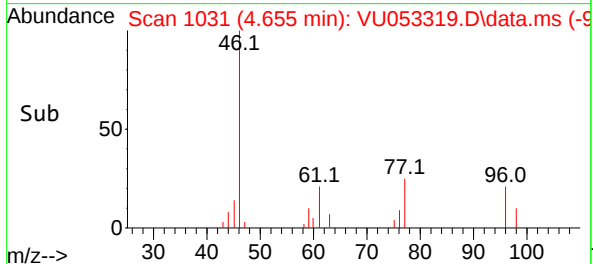
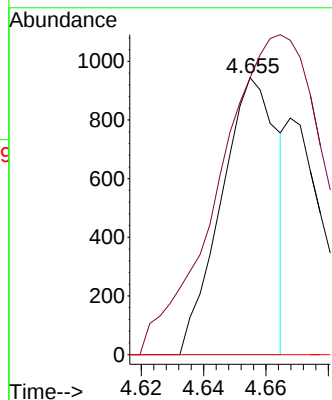
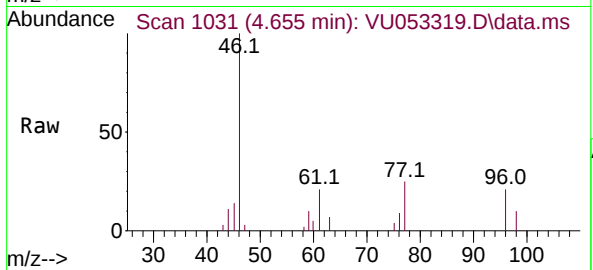


#20
 cis-1,2-Dichloroethene
 Concen: 1.229 ug/L
 RT: 4.655 min Scan# 1031
 Delta R.T. -0.006 min
 Lab File: VU053319.D
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 MSVOA_U
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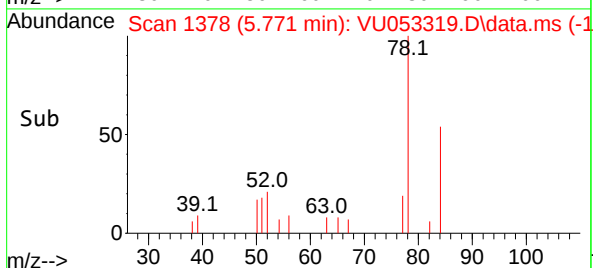
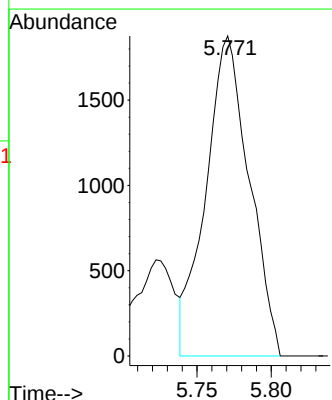
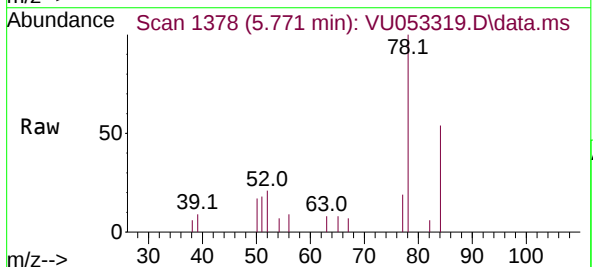
Tgt Ion: 96 Resp: 1178

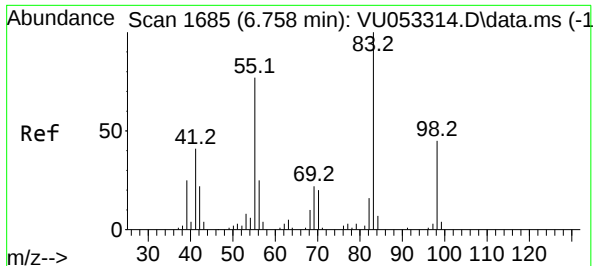
Ion	Ratio	Lower	Upper
96	100		
61	100.0	92.5	171.7
68	0.0	0.0	0.0



#33
 Benzene
 Concen: 1.090 ug/L
 RT: 5.771 min Scan# 1378
 Delta R.T. -0.000 min
 Lab File: VU053319.D
 Acq: 21 Mar 2023 13:17

Tgt Ion: 78 Resp: 3807





#35

Methylcyclohexane

Concen: 6.930 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU053319.D

Acq: 21 Mar 2023 13:17

Instrument :

MSVOA_U

ClientSampleId :

EYFC3

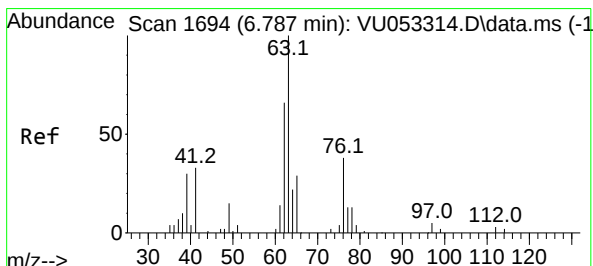
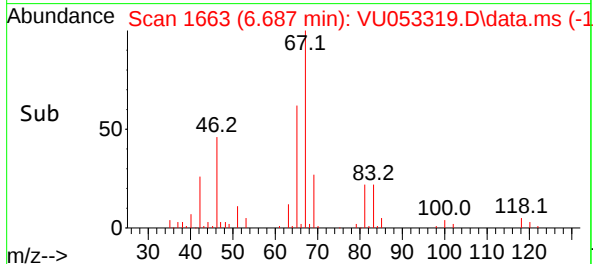
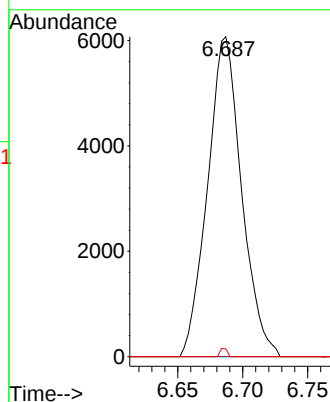
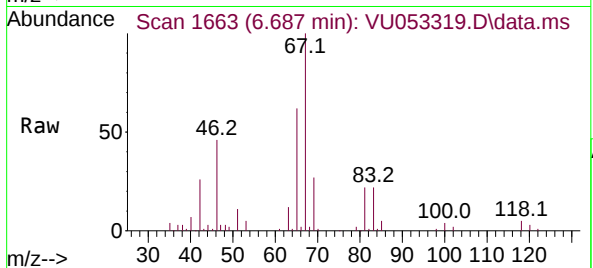
Tgt Ion: 83 Resp: 11060

Ion Ratio Lower Upper

83 100

55 0.0 58.2 87.4#

98 0.5 35.4 53.2#



#37

1,2-Dichloropropane

Concen: 5.865 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.100 min

Lab File: VU053319.D

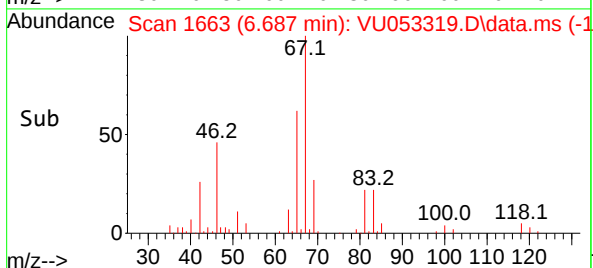
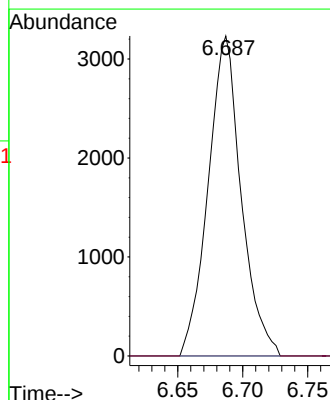
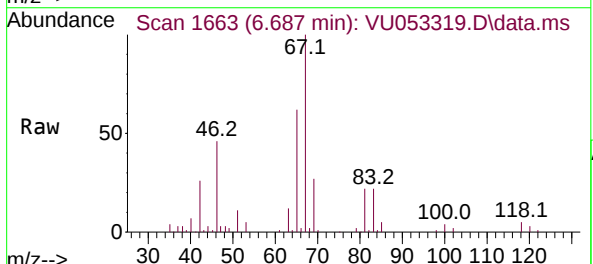
Acq: 21 Mar 2023 13:17

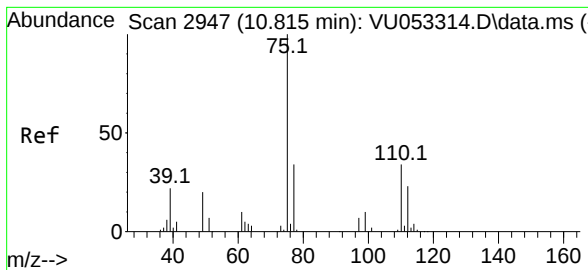
Tgt Ion: 63 Resp: 5713

Ion Ratio Lower Upper

63 100

112 0.0 2.6 3.8#





#60
 1,2,3-Trichloropropane
 Concen: 7.965 ug/L
 RT: 11.806 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU053319.D
 Acq: 21 Mar 2023 13:17

Instrument :
 MSVOA_U
 ClientSampleId :
 EYFC3

Tgt Ion: 75 Resp: 6964
 Ion Ratio Lower Upper
 75 100
 77 27.5 26.6 40.0
 110 0.0 28.6 42.8#

