

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071624\
 Data File : VU059980.D
 Acq On : 16 Jul 2024 17:34
 Operator : MD/SY
 Sample : P3217-04DL 100X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YDZC7DL

Quant Time: Jul 17 02:32:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 17 02:25:31 2024
 Response via : Initial Calibration

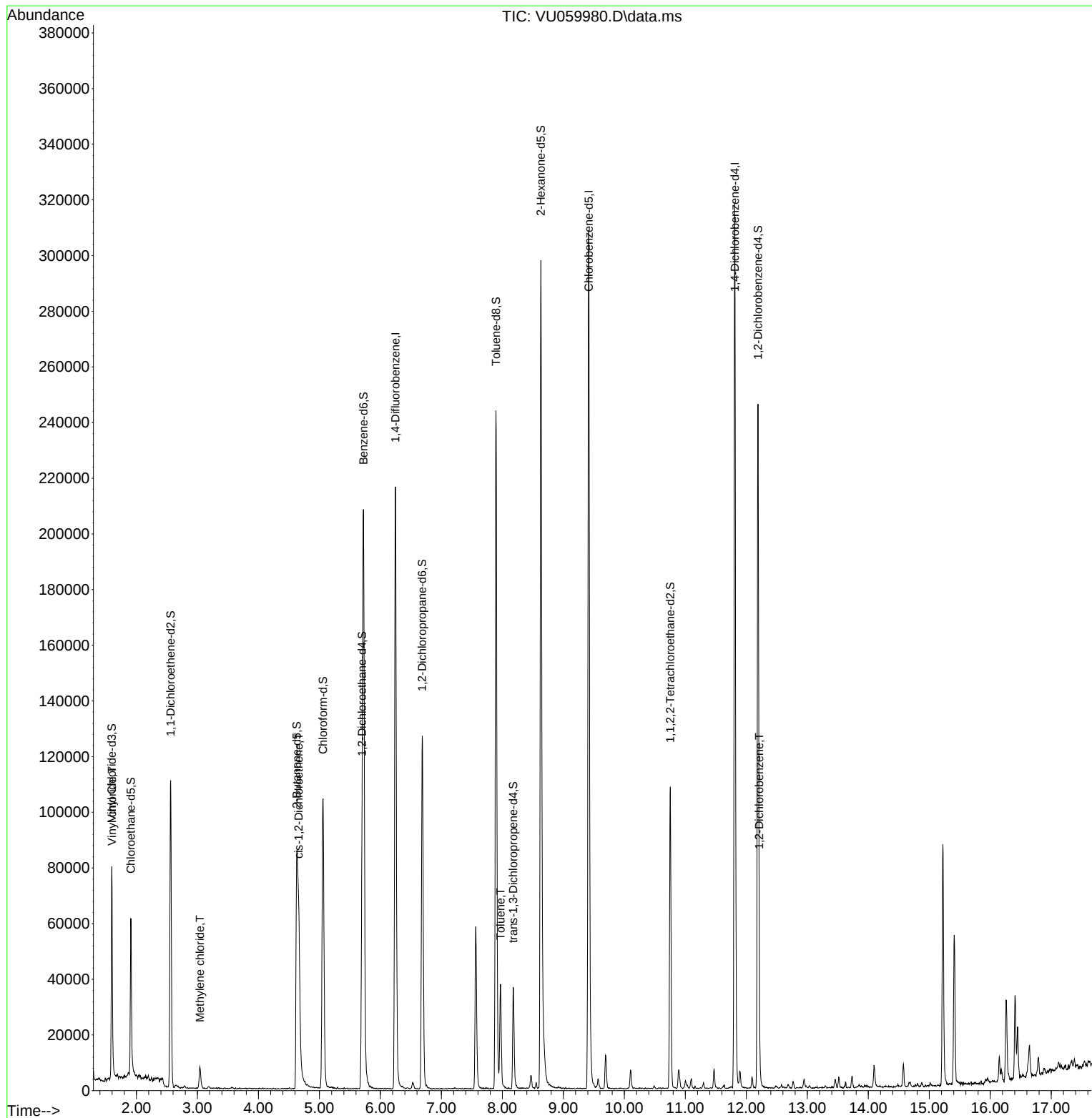
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	189100	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	189032	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	91281	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	49696	3.779	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.600%
7) Chloroethane-d5	1.908	69	44726	3.535	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	70.800%
11) 1,1-Dichloroethene-d2	2.560	65	20252	3.712	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.200%
20) 2-Butanone-d5	4.628	46	136818	50.514	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.020%
24) Chloroform-d	5.059	84	100265	3.715	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.200%
26) 1,2-Dichloroethane-d4	5.698	65	51808	3.985	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.600%
32) Benzene-d6	5.721	84	201586	3.875	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.400%
36) 1,2-Dichloropropane-d6	6.686	67	64323	4.035	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.600%
41) Toluene-d8	7.894	98	173581	3.589	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.800%
43) trans-1,3-Dichloroprop...	8.177	79	22317	4.471	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.400%
46) 2-Hexanone-d5	8.631	63	107787	51.967	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.940%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	55057	4.180	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	72179	4.443	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.800%
Target Compounds						
5) Vinyl chloride	1.599	62	10990	0.577	ug/L	96
16) Methylene chloride	3.039	84	4116	0.259	ug/L	94
22) cis-1,2-Dichloroethene	4.660	96	21969	1.429	ug/L	93
42) Toluene	7.968	91	29692	0.489	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	4251	0.158	ug/L #	88

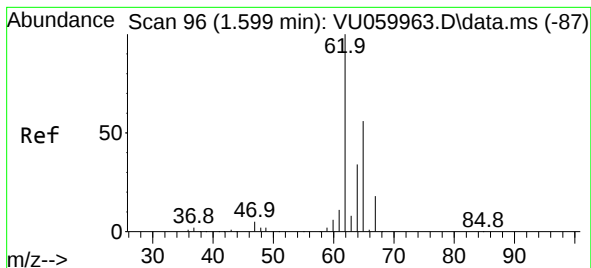
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.577 ug/L

RT: 1.599 min Scan# 90

Delta R.T. 0.000 min

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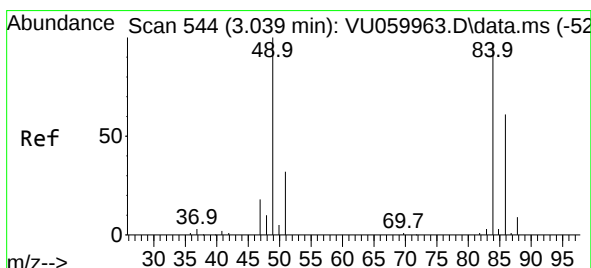
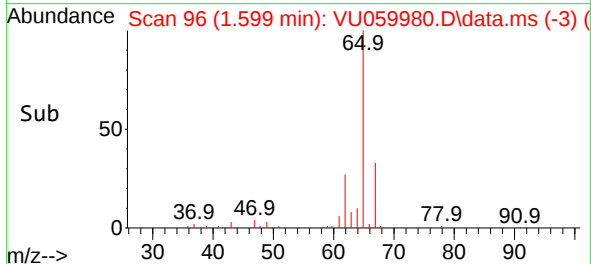
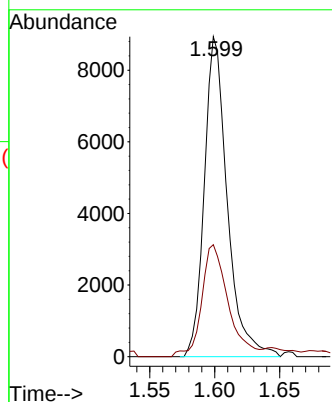
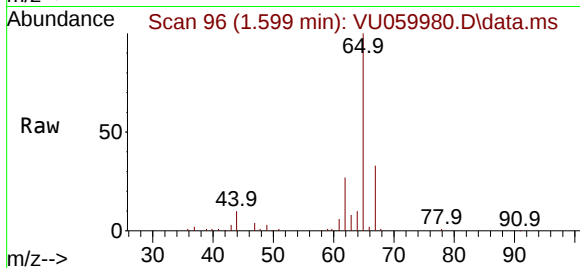
YDZC7DL

Tgt Ion: 62 Resp: 10990

Ion Ratio Lower Upper

62 100

64 35.0 23.1 42.9



#16

Methylene chloride

Concen: 0.259 ug/L

RT: 3.039 min Scan# 544

Delta R.T. 0.000 min

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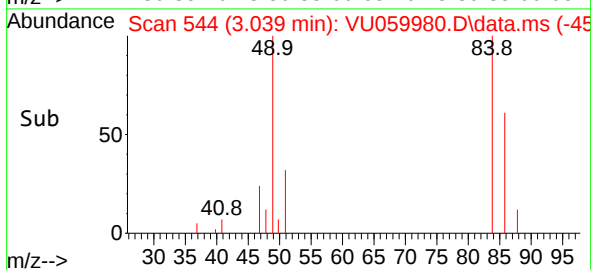
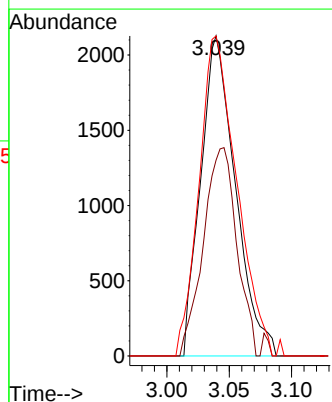
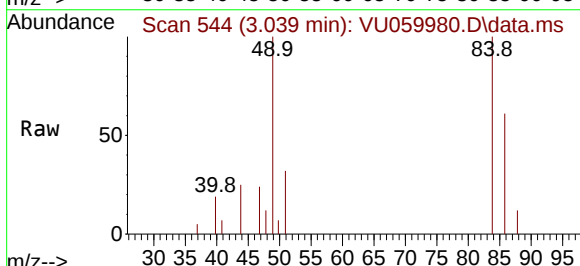
Tgt Ion: 84 Resp: 4116

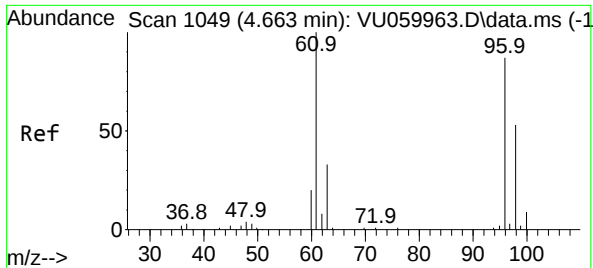
Ion Ratio Lower Upper

84 100

86 61.2 42.1 78.1

49 106.6 80.6 149.8





#22

cis-1,2-Dichloroethene

Concen: 1.429 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. -0.003 min

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ClientSampleId :

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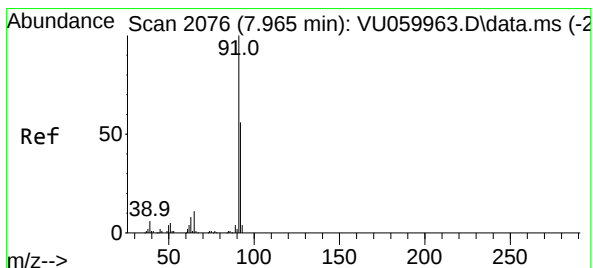
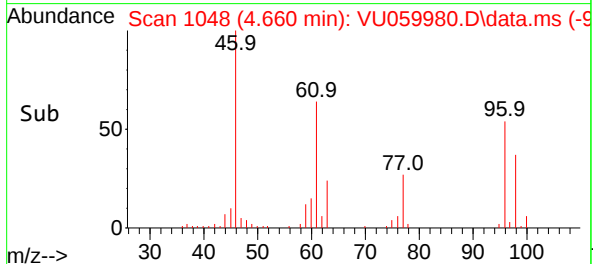
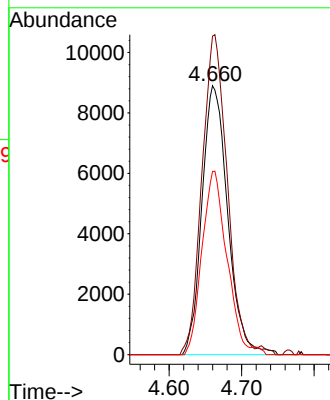
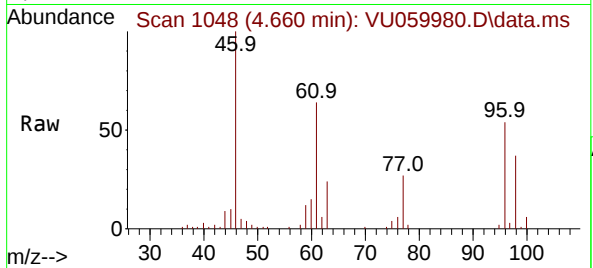
Tgt Ion: 96 Resp: 21969

Ion Ratio Lower Upper

96 100

61 118.5 87.4 162.2

98 68.1 42.3 78.5



#42

Toluene

Concen: 0.489 ug/L

RT: 7.968 min Scan# 2077

Delta R.T. 0.003 min

Lab File: VU059980.D

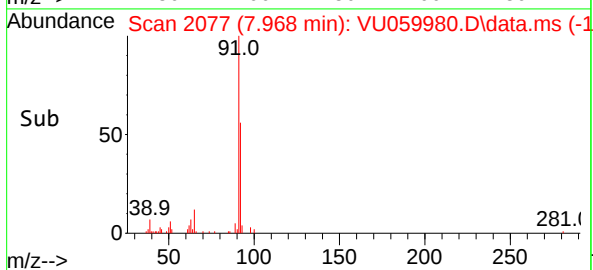
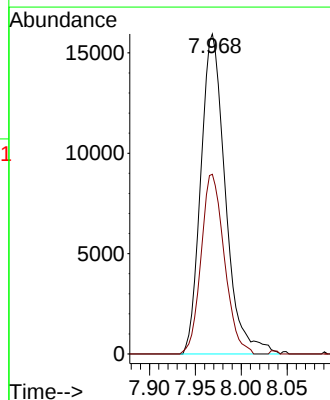
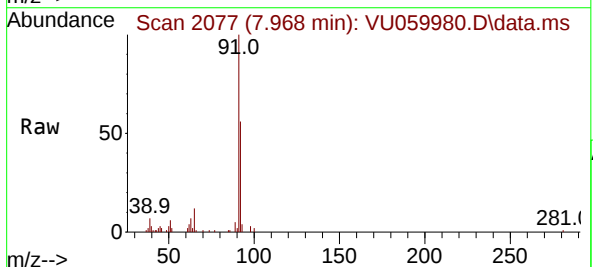
Acq: 16 Jul 2024 17:34

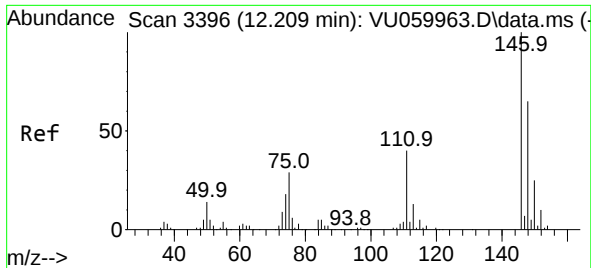
Tgt Ion: 91 Resp: 29692

Ion Ratio Lower Upper

91 100

92 56.1 39.7 73.7





#67

1,2-Dichlorobenzene

Concen: 0.158 ug/L

RT: 12.209 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU059980.D

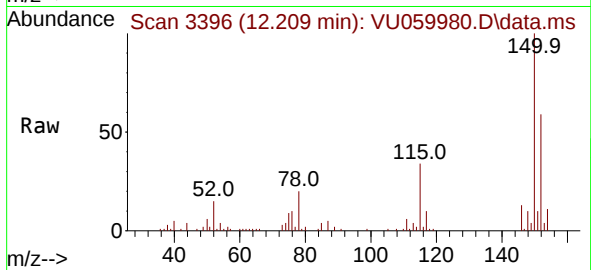
Acq: 16 Jul 2024 17:34

Instrument :

MSVOA_U

ClientSampleId :

YDZC7DL



Tgt Ion:146 Resp: 4251

Ion Ratio Lower Upper

146 100

111 43.4 33.4 50.0

148 75.9 49.7 74.5#

