

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 :

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)

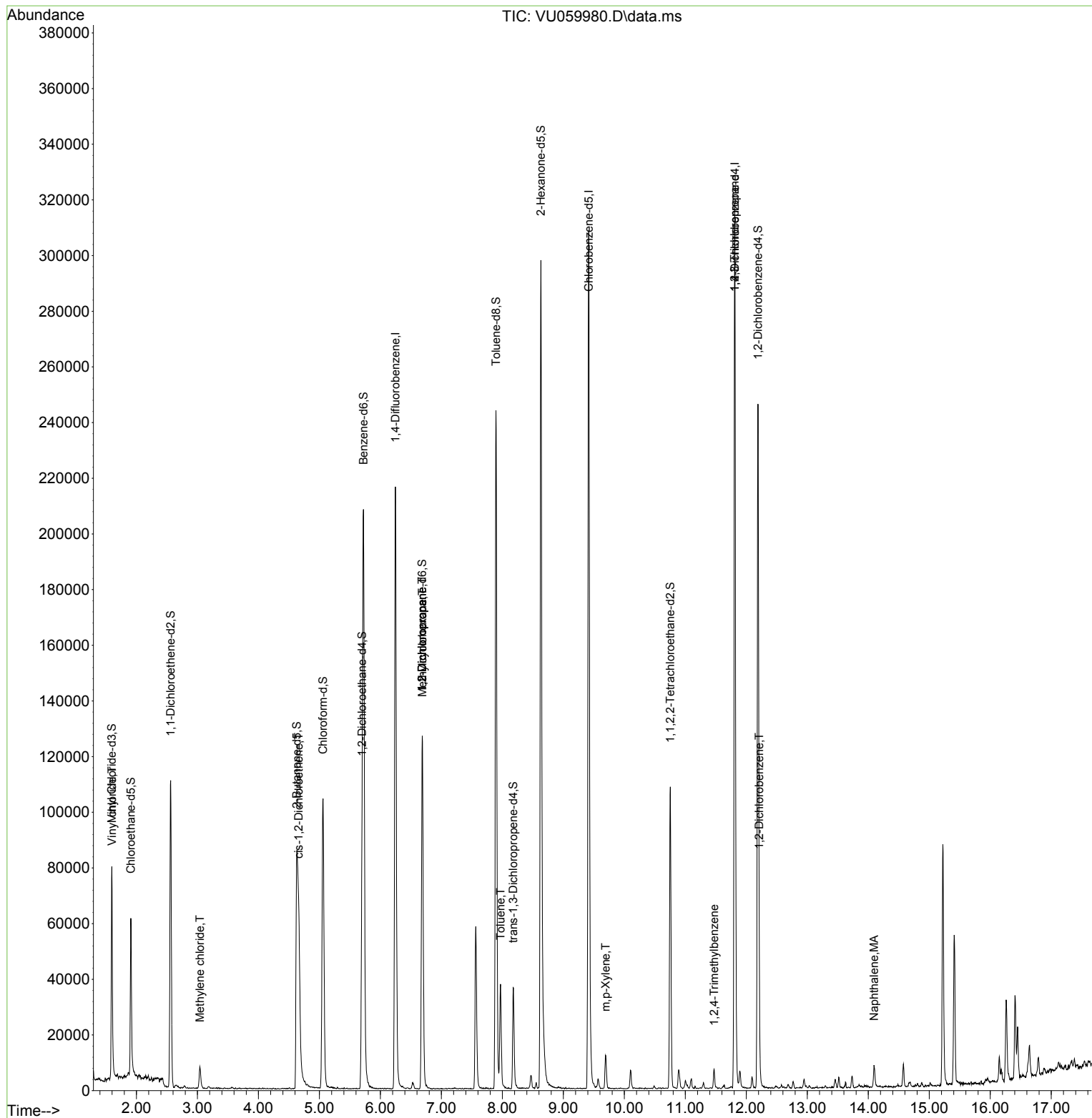
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	189100	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	189032	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	91281	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	49696	3.779	ug/L	0.00
Spiked Amount	5.000	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						
					Qvalue	
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
35) Methylcyclohexane	6.689	83	14904	0.674	ug/L #	18
37) 1,2-Dichloropropane	6.686	63	6555	0.441	ug/L #	90
42) Toluene	7.968	91	29692	0.489	ug/L	99
53) m,p-Xylene	9.695	106	4118	0.172	ug/L	87
61) 1,2,3-Trichloropropane	11.807	75	10228	1.213	ug/L #	70
63) 1,2,4-Trimethylbenzene	11.473	105	4591	0.107	ug/L	94
67) 1,2-Dichlorobenzene	12.209	146	4251	0.158	ug/L #	88
71) Naphthalene	14.094	128	8187	0.351	ug/L	99

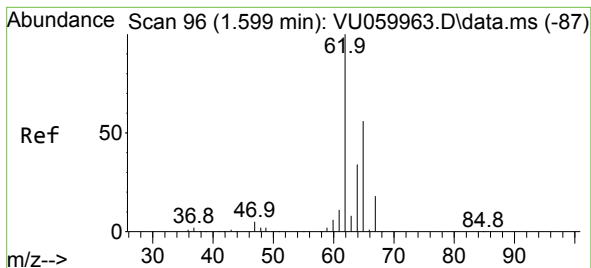
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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#5

Vinyl chloride

Concen: 0.577 ug/L

RT: 1.599 min Scan# 9

Delta R.T. 0.000 min

Lab File: VU059980.D

Acq: 16 Jul 2024 17:34

Instrument :

MSVOA_U

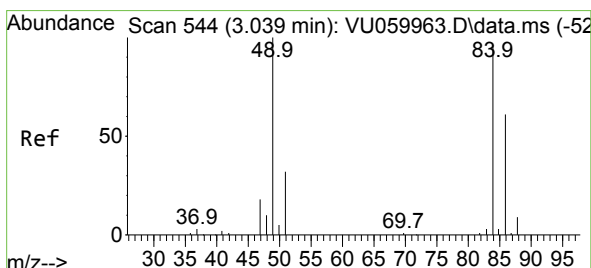
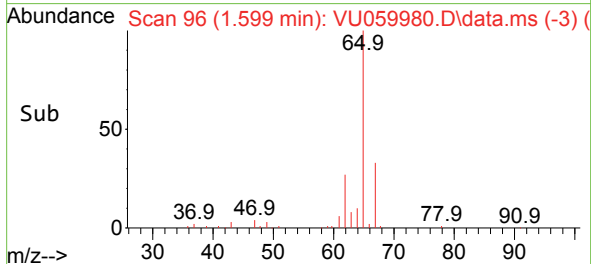
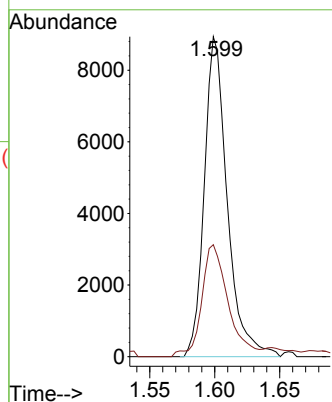
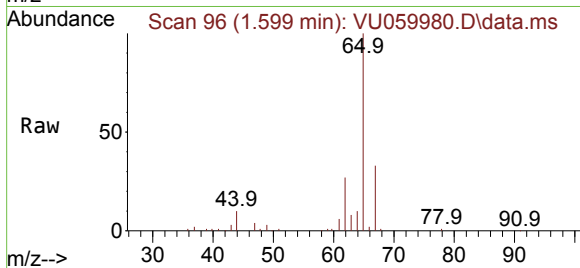
ClientSampleId :

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

Lab File: VU059980.D

Acq: 16 Jul 2024 17:34

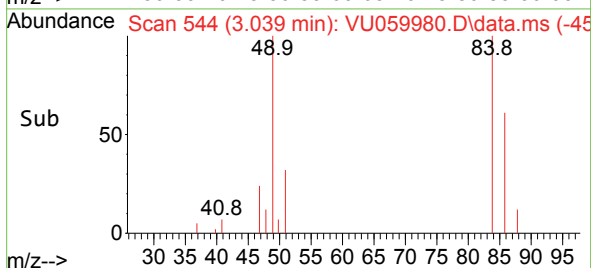
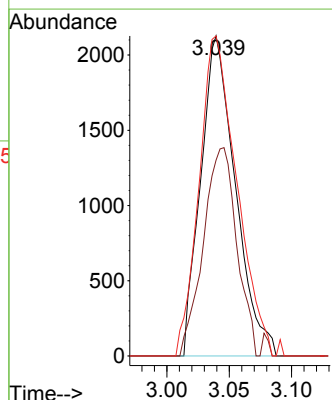
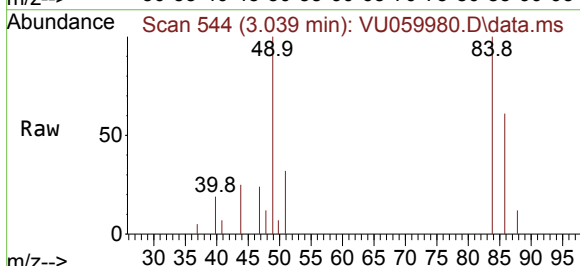
Tgt Ion: 84 Resp: 4116

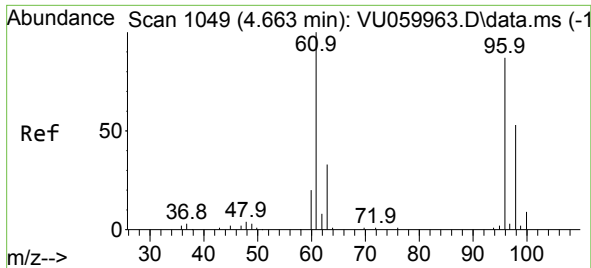
Ion Ratio Lower Upper

84 100

86 61.2 42.1 78.1

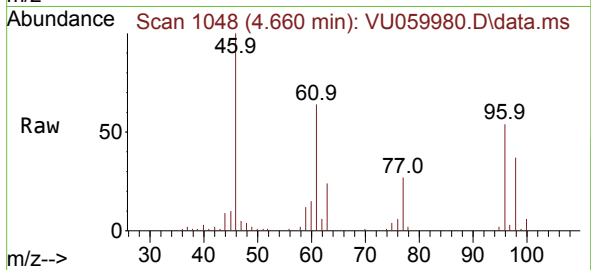
49 106.6 80.6 149.8



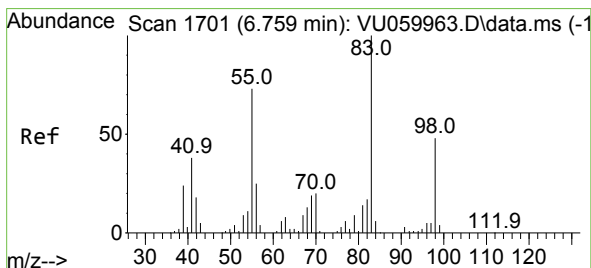
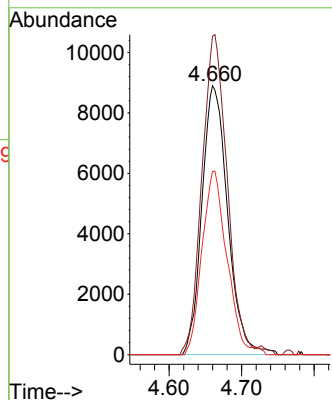
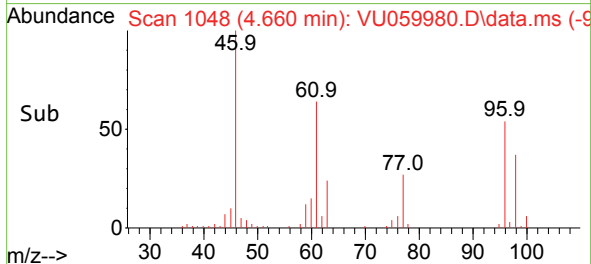


#22
 cis-1,2-Dichloroethene
 Concen: 1.429 ug/L
 RT: 4.660 min Scan# 1049
 Delta R.T. -0.003 min
 Lab File: VU059980.D
 Acq: 16 Jul 2024 17:34

Instrument :
 MSVOA_U
 ClientSampleId :

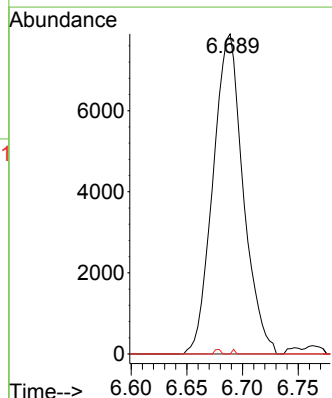
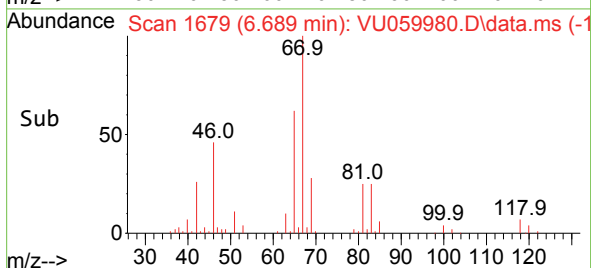
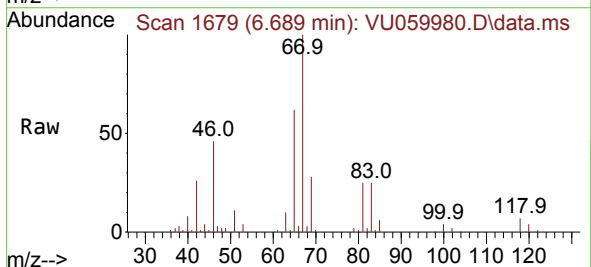


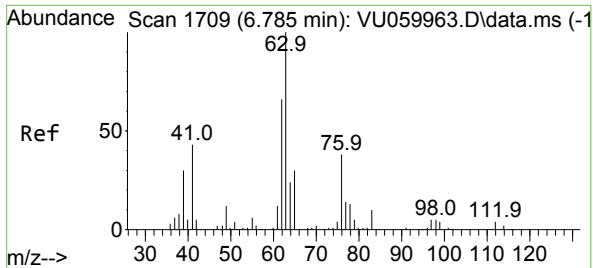
Tgt Ion: 96 Resp: 21969
 Ion Ratio Lower Upper
 96 100
 61 118.5 87.4 162.2
 98 68.1 42.3 78.5



#35
 Methylcyclohexane
 Concen: 0.674 ug/L
 RT: 6.689 min Scan# 1679
 Delta R.T. -0.071 min
 Lab File: VU059980.D
 Acq: 16 Jul 2024 17:34

Tgt Ion: 83 Resp: 14904
 Ion Ratio Lower Upper
 83 100
 55 0.0 62.7 94.1#
 98 0.1 35.4 53.0#

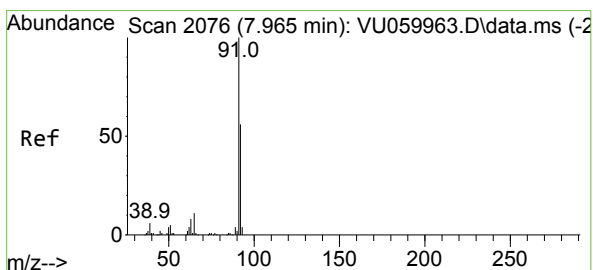
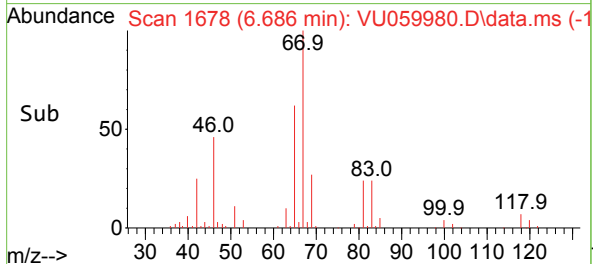
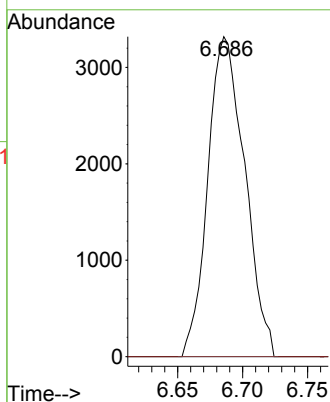
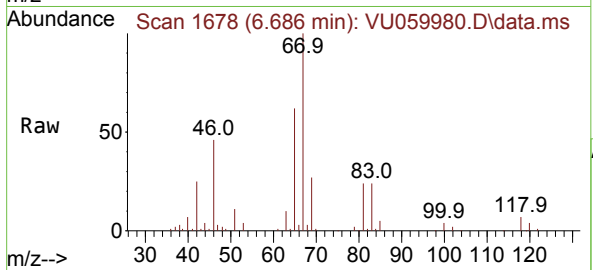




#37
1,2-Dichloropropane
Concen: 0.441 ug/L
RT: 6.686 min Scan# 11
Delta R.T. -0.099 min
Lab File: VU059980.D
Acq: 16 Jul 2024 17:34

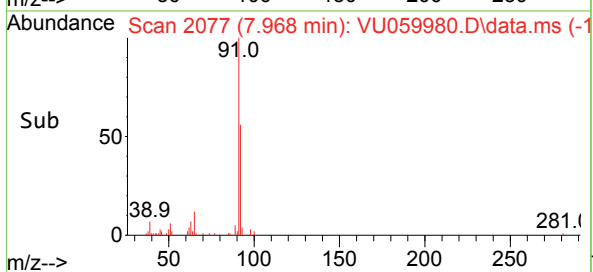
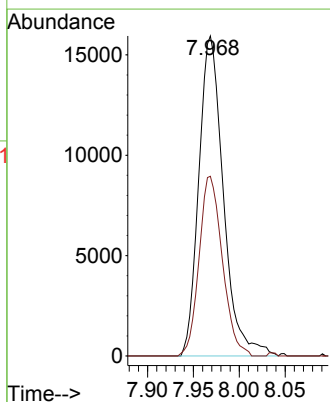
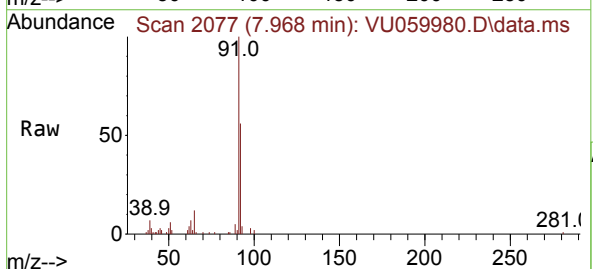
Instrument :
MSVOA_U
ClientSampleId :

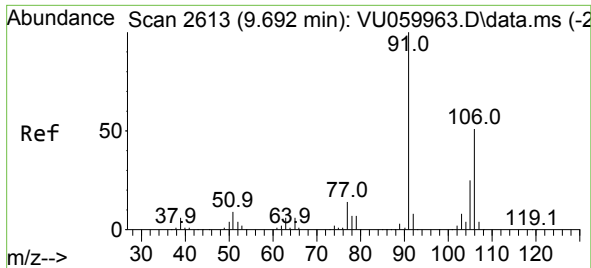
Tgt Ion: 63 Resp: 6555
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#



#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

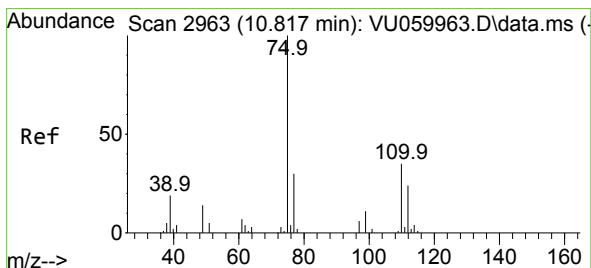
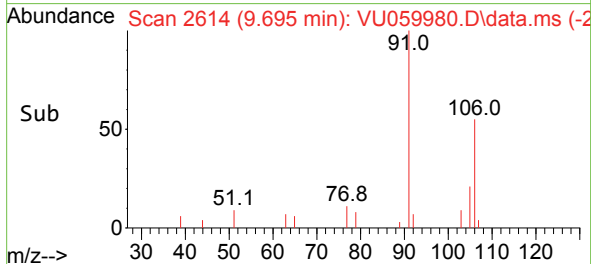
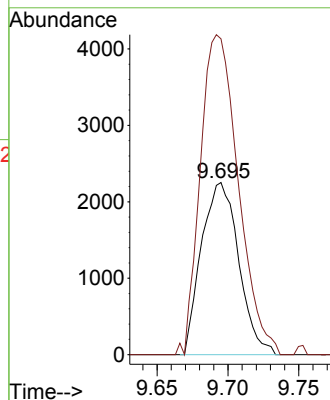
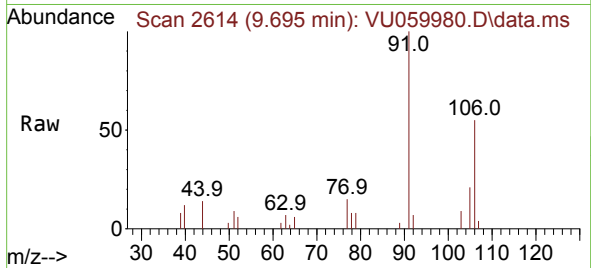




#53
m,p-Xylene
Concen: 0.172 ug/L
RT: 9.695 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU059980.D
Acq: 16 Jul 2024 17:34

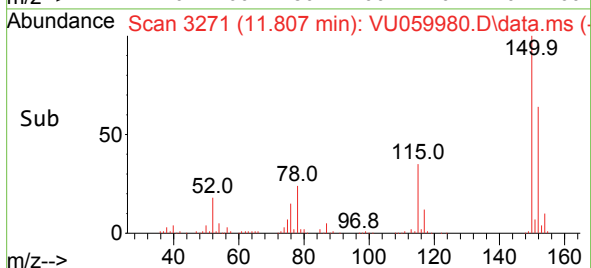
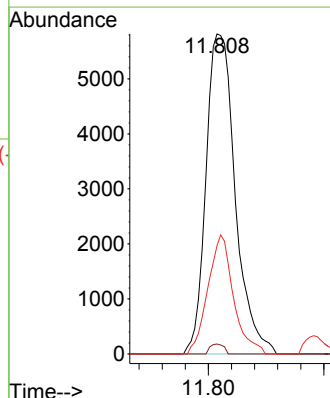
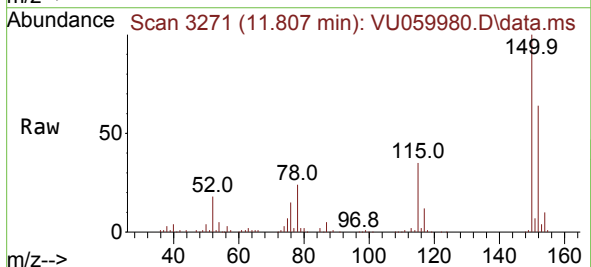
Instrument :
MSVOA_U
ClientSampleId :

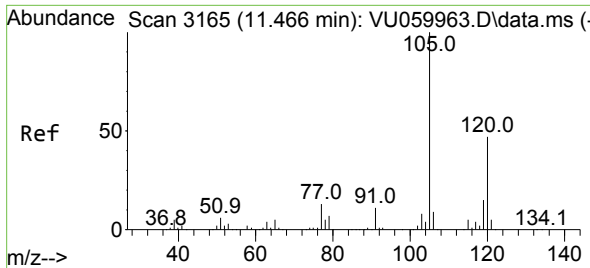
Tgt Ion:106 Resp: 4118
Ion Ratio Lower Upper
106 100
91 183.5 142.0 263.8



#61
1,2,3-Trichloropropane
Concen: 1.213 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.991 min
Lab File: VU059980.D
Acq: 16 Jul 2024 17:34

Tgt Ion: 75 Resp: 10228
Ion Ratio Lower Upper
75 100
110 1.5 27.1 40.7#
77 32.5 25.4 38.2

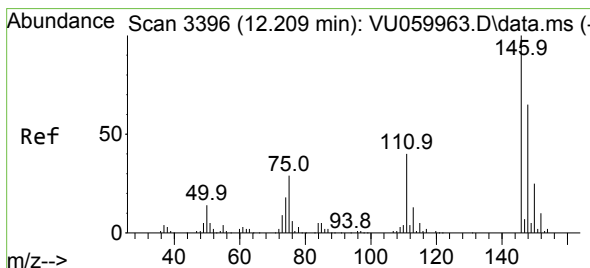
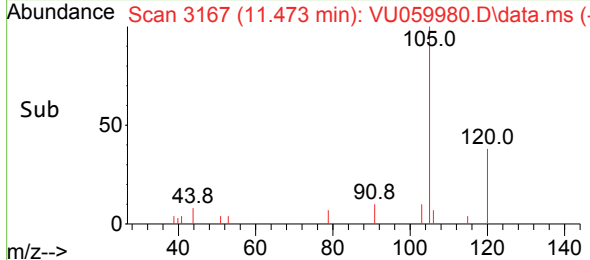
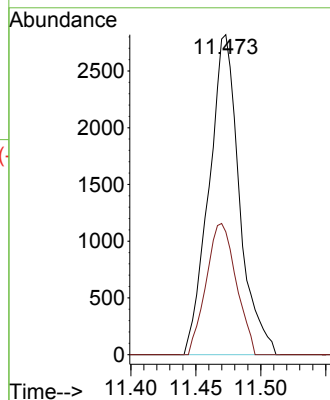
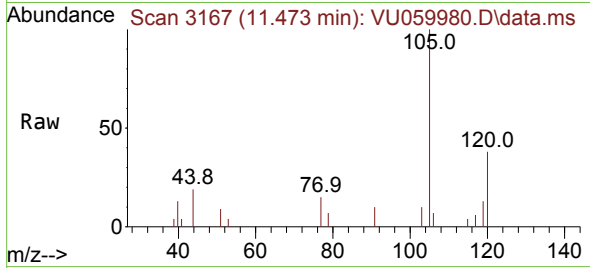




#63
1,2,4-Trimethylbenzene
Concen: 0.107 ug/L
RT: 11.473 min Scan# 3165
Delta R.T. 0.007 min
Lab File: VU059980.D
Acq: 16 Jul 2024 17:34

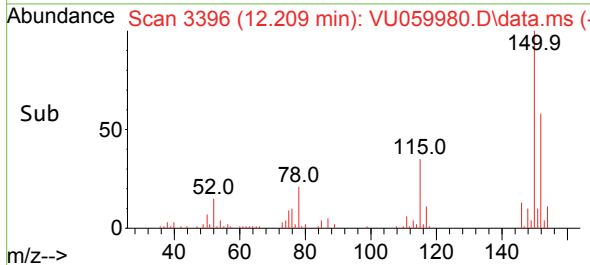
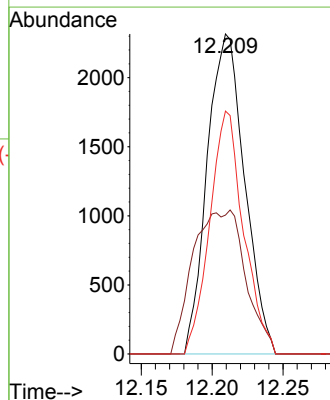
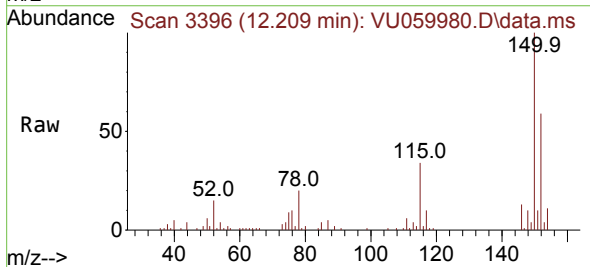
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MSVOA_U
ClientSampleId :

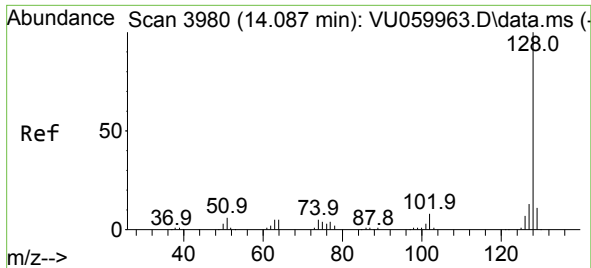
Tgt Ion:105 Resp: 4591
Ion Ratio Lower Upper
105 100
120 40.3 35.4 53.0



#67
1,2-Dichlorobenzene
Concen: 0.158 ug/L
RT: 12.209 min Scan# 3396
Delta R.T. 0.000 min
Lab File: VU059980.D
Acq: 16 Jul 2024 17:34

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#





#71

Naphthalene

Concen: 0.351 ug/L

RT: 14.094 min Scan# 3982

Delta R.T. 0.007 min

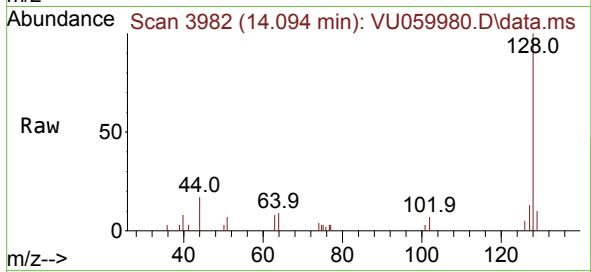
Lab File: VU059980.D

Acq: 16 Jul 2024 17:34

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:128 Resp: 8187

Ion Ratio Lower Upper

128 100

129 10.0 8.2 12.4

127 12.0 10.2 15.4

