

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071624\
 Data File : VU059972.D
 Acq On : 16 Jul 2024 14:17
 Operator : MD/SY
 Sample : P3217-10DL 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 17 02:28:52 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)

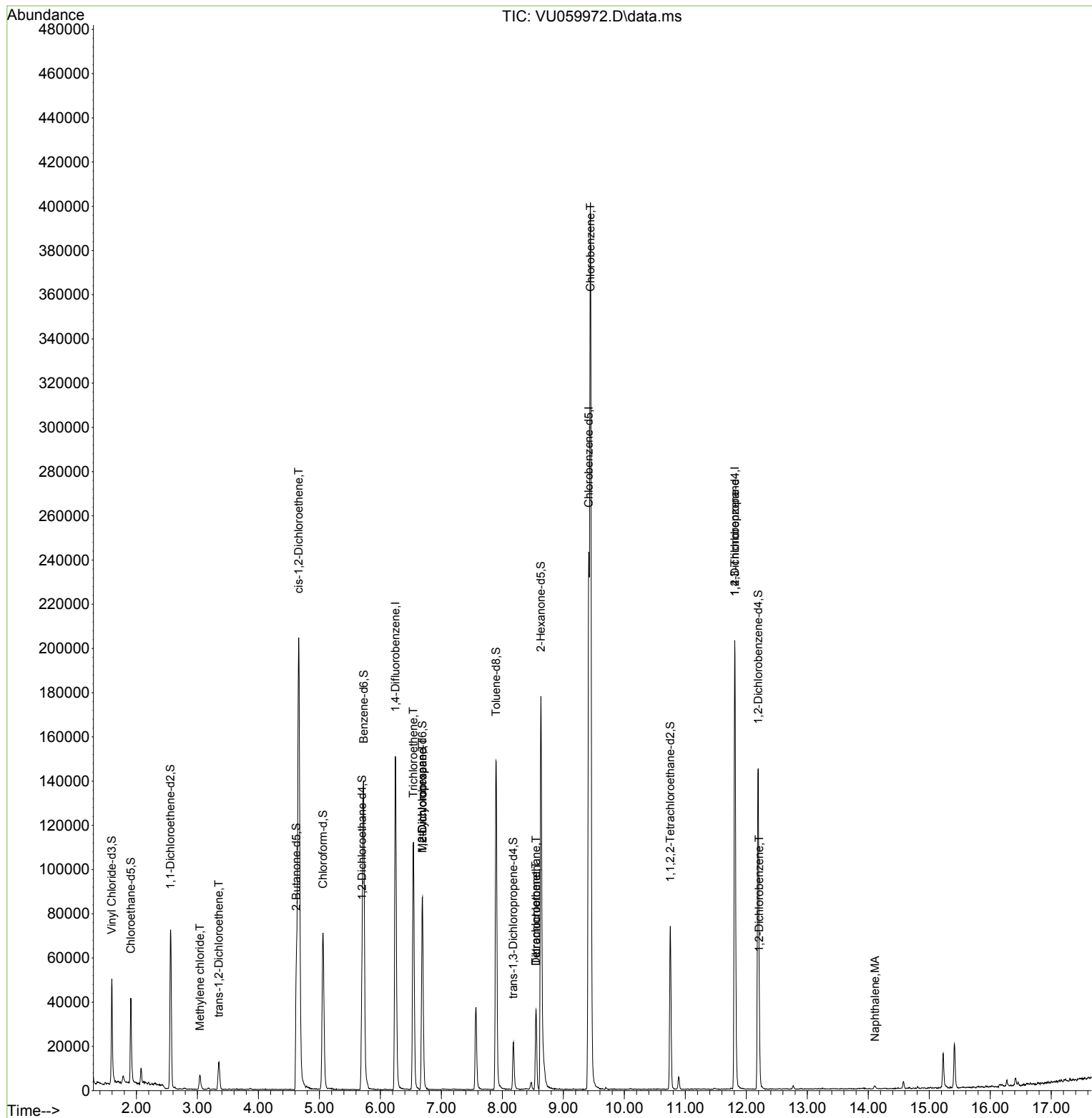
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	129049	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	136191	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	59484	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	36791	4.100	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.000%
7) Chloroethane-d5	1.908	69	32075	3.715	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.200%
11) 1,1-Dichloroethene-d2	2.557	65	13660	3.669	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.400%
20) 2-Butanone-d5	4.621	46	82114	44.424	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.840%
24) Chloroform-d	5.059	84	68516	3.720	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.400%
26) 1,2-Dichloroethane-d4	5.698	65	35349	3.984	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.600%
32) Benzene-d6	5.724	84	136438	3.640	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	72.800%
36) 1,2-Dichloropropane-d6	6.689	67	44886	3.908	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.200%
41) Toluene-d8	7.894	98	109716	3.149	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	63.000%#
43) trans-1,3-Dichloroprop...	8.177	79	13400	3.726	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.600%
46) 2-Hexanone-d5	8.631	63	62568	41.870	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.740%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	38975	4.107	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.200%
66) 1,2-Dichlorobenzene-d4	12.193	152	42687	4.032	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	80.600%
Target Compounds						Qvalue
16) Methylene chloride	3.039	84	3835	0.354	ug/L	88
18) trans-1,2-Dichloroethene	3.351	96	6058	0.636	ug/L	84
22) cis-1,2-Dichloroethene	4.660	96	110494	10.532	ug/L	94
34) Trichloroethene	6.541	95	39473	3.524	ug/L	95
35) Methylcyclohexane	6.689	83	10007	0.628	ug/L #	21
37) 1,2-Dichloropropane	6.689	63	4602	0.430	ug/L #	90
47) Tetrachloroethene	8.550	164	8413	0.968	ug/L	97
49) Dibromochloromethane	8.554	129	7951	0.910	ug/L #	12
51) Chlorobenzene	9.444	112	230062	8.284	ug/L	95
61) 1,2,3-Trichloropropane	11.811	75	7029	1.279	ug/L #	42
67) 1,2-Dichlorobenzene	12.213	146	5865	0.333	ug/L	94
71) Naphthalene	14.110	128	2319	0.153	ug/L #	78

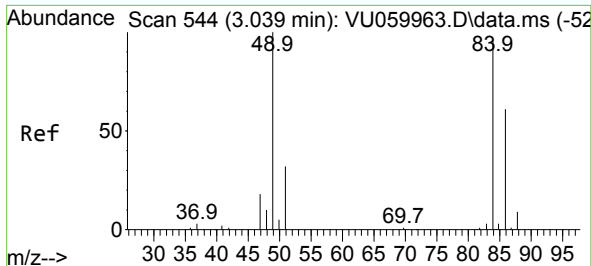
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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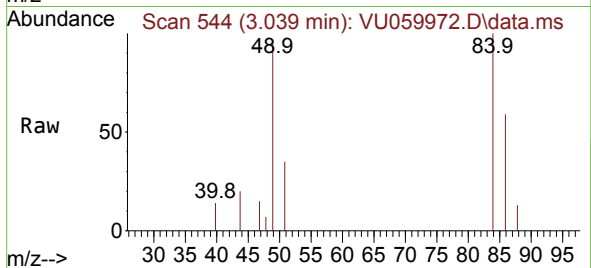
Quant Time: Jul 17 02:28:52 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
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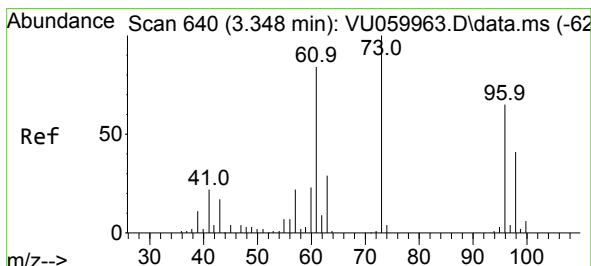
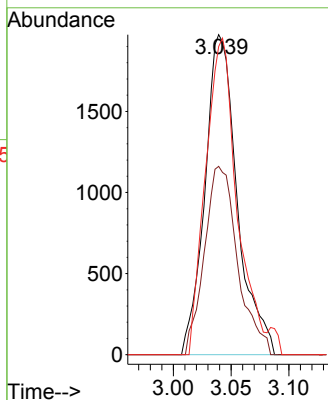
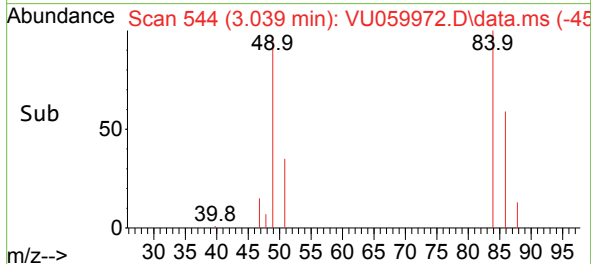


#16
Methylene chloride
Concen: 0.354 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU059972.D
Acq: 16 Jul 2024 14:17

Instrument :
MSVOA_U
ClientSampleId :

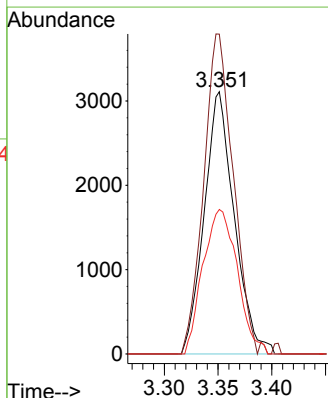
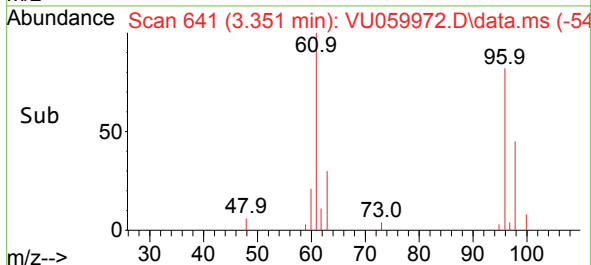
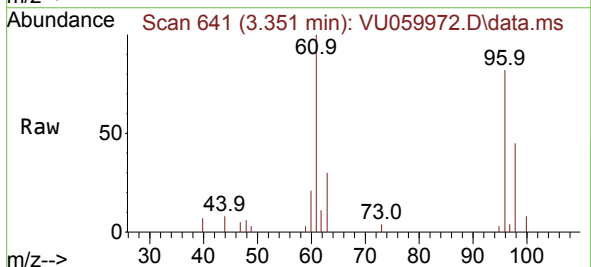


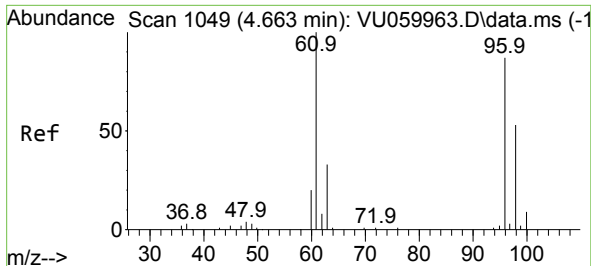
Tgt Ion: 84 Resp: 3835
Ion Ratio Lower Upper
84 100
86 58.8 42.1 78.1
49 96.3 80.6 149.8



#18
trans-1,2-Dichloroethene
Concen: 0.636 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU059972.D
Acq: 16 Jul 2024 14:17

Tgt Ion: 96 Resp: 6058
Ion Ratio Lower Upper
96 100
61 122.0 101.8 189.0
98 55.1 43.3 80.5





#22

cis-1,2-Dichloroethene

Concen: 10.532 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. -0.003 min

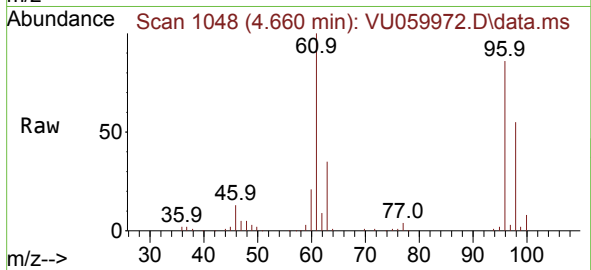
Lab File: VU059972.D

Acq: 16 Jul 2024 14:17

Instrument :

MSVOA_U

ClientSampleId :



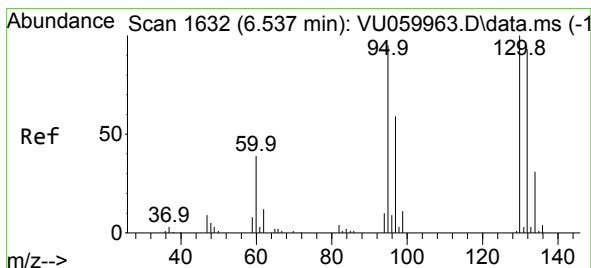
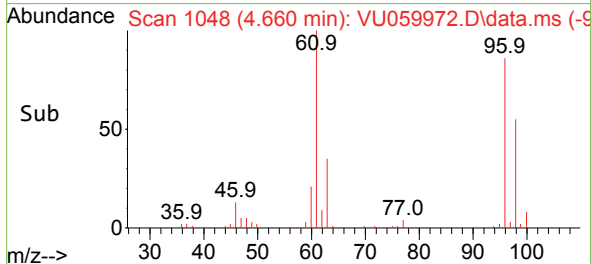
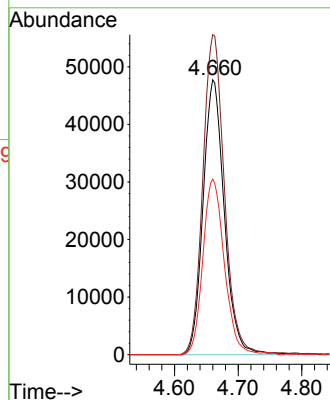
Tgt Ion: 96 Resp: 110494

Ion Ratio Lower Upper

96 100

61 116.4 87.4 162.2

98 63.9 42.3 78.5



#34

Trichloroethene

Concen: 3.524 ug/L

RT: 6.541 min Scan# 1633

Delta R.T. 0.003 min

Lab File: VU059972.D

Acq: 16 Jul 2024 14:17

Tgt Ion: 95 Resp: 39473

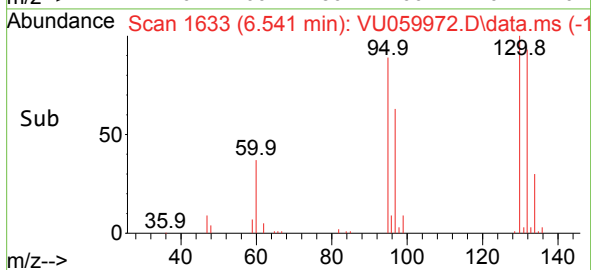
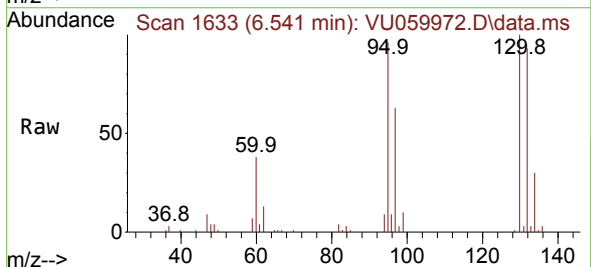
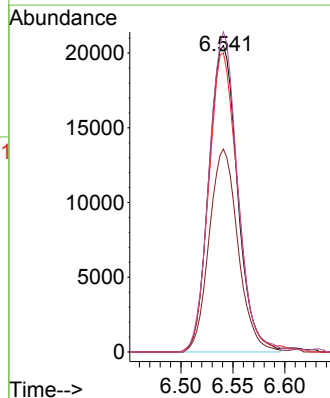
Ion Ratio Lower Upper

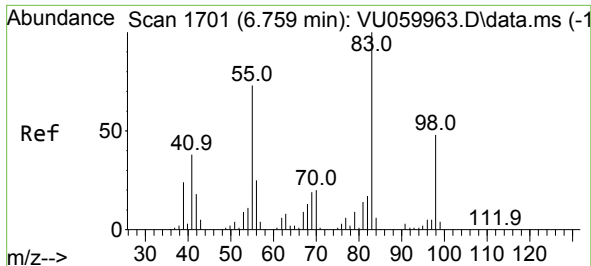
95 100

97 66.2 45.3 84.1

132 97.6 64.0 119.0

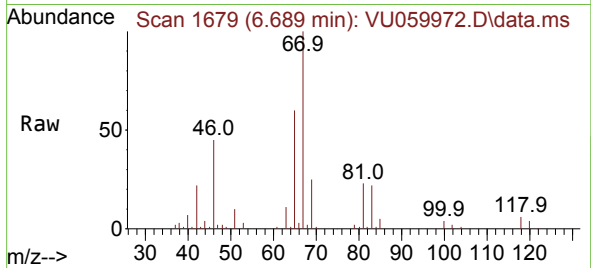
130 104.4 69.1 128.3



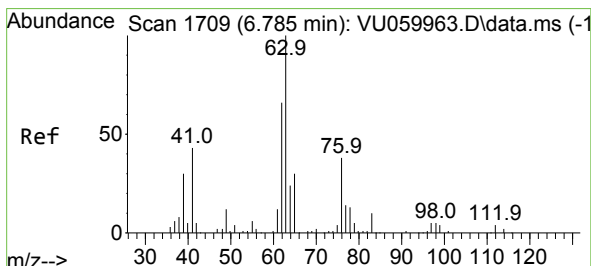
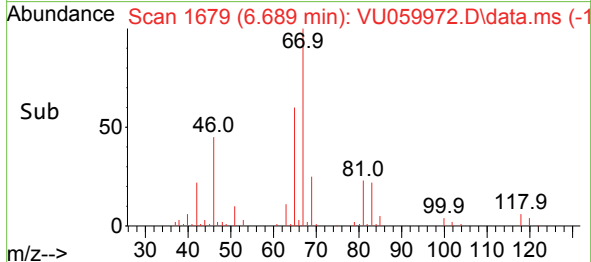
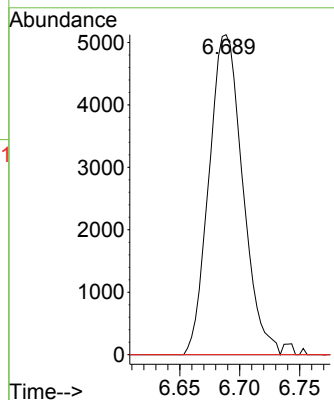


#35
Methylcyclohexane
Concen: 0.628 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.071 min
Lab File: VU059972.D
Acq: 16 Jul 2024 14:17

Instrument :
MSVOA_U
ClientSampleId :

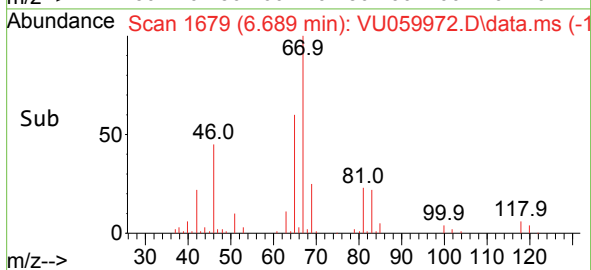
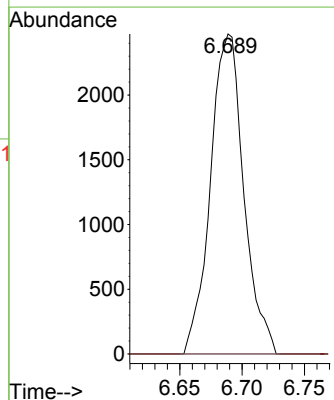
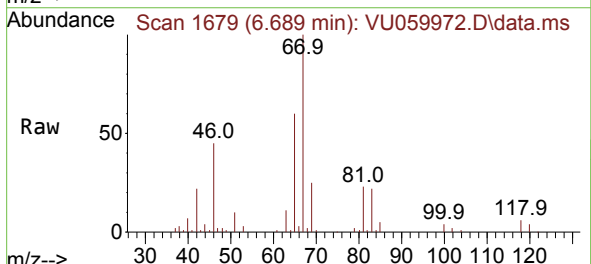


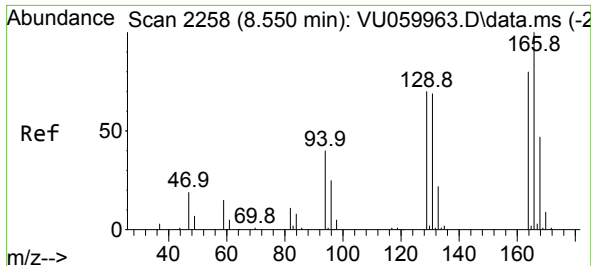
Tgt Ion: 83 Resp: 10007
Ion Ratio Lower Upper
83 100
55 0.0 62.7 94.1#
98 5.0 35.4 53.0#



#37
1,2-Dichloropropane
Concen: 0.430 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.096 min
Lab File: VU059972.D
Acq: 16 Jul 2024 14:17

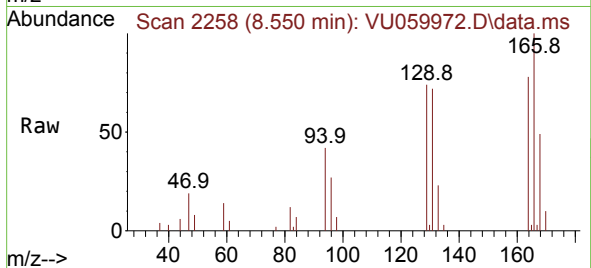
Tgt Ion: 63 Resp: 4602
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#



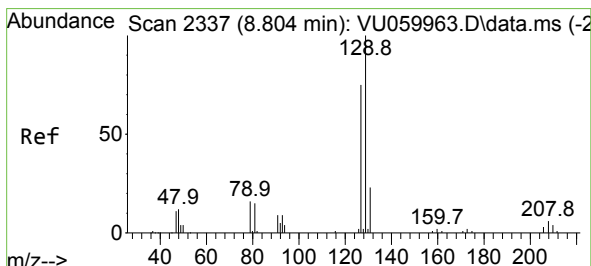
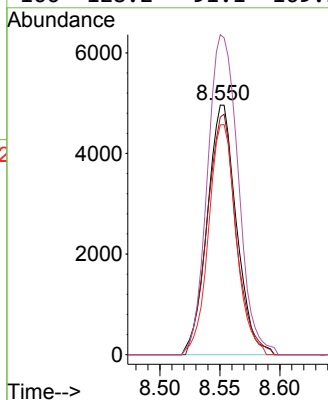
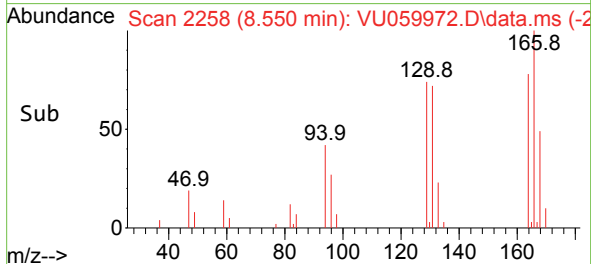


#47
Tetrachloroethene
Concen: 0.968 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU059972.D
Acq: 16 Jul 2024 14:17

Instrument :
MSVOA_U
ClientSampleId :

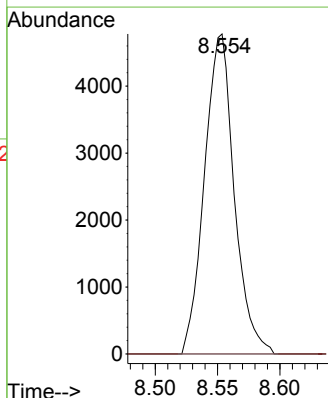
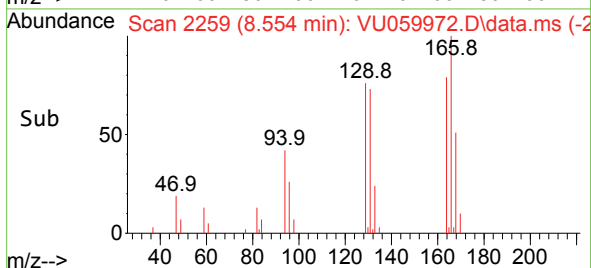
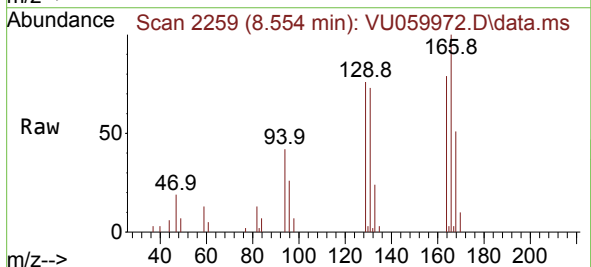


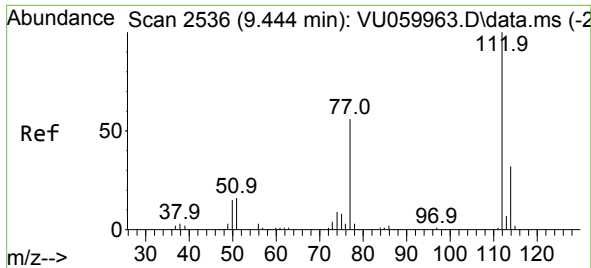
Tgt Ion:164 Resp: 8413
Ion Ratio Lower Upper
164 100
129 95.2 70.8 131.4
131 92.0 64.8 120.3
166 128.2 91.1 169.1



#49
Dibromochloromethane
Concen: 0.910 ug/L
RT: 8.554 min Scan# 2259
Delta R.T. -0.251 min
Lab File: VU059972.D
Acq: 16 Jul 2024 14:17

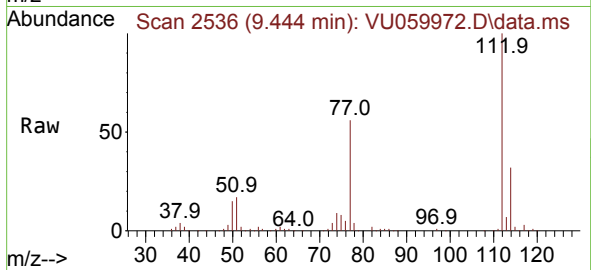
Tgt Ion:129 Resp: 7951
Ion Ratio Lower Upper
129 100
127 0.0 52.5 97.5#



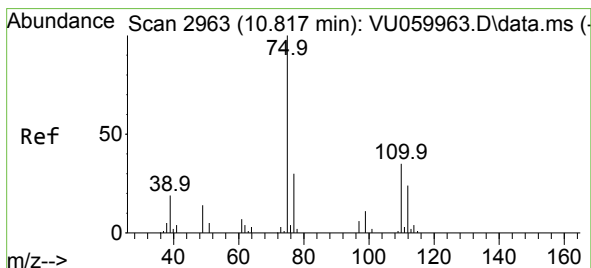
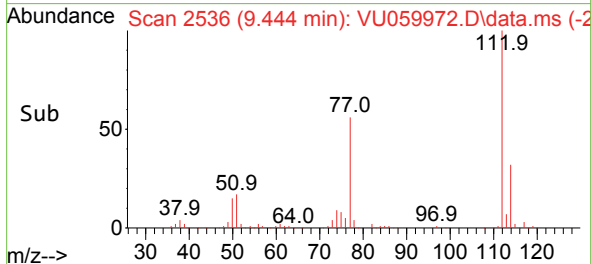
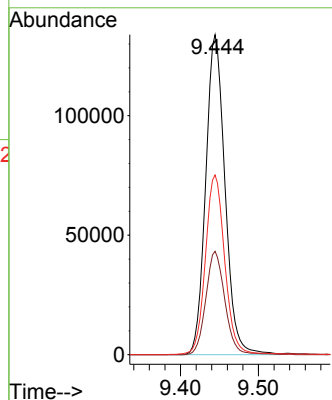


#51
Chlorobenzene
Concen: 8.284 ug/L
RT: 9.444 min Scan# 211
Delta R.T. 0.000 min
Lab File: VU059972.D
Acq: 16 Jul 2024 14:17

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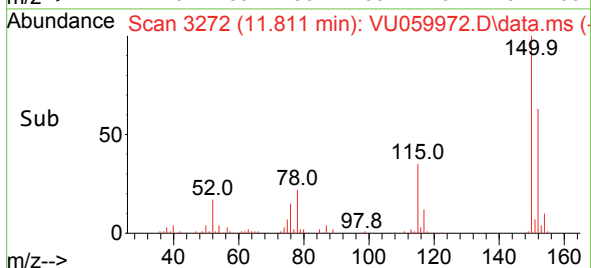
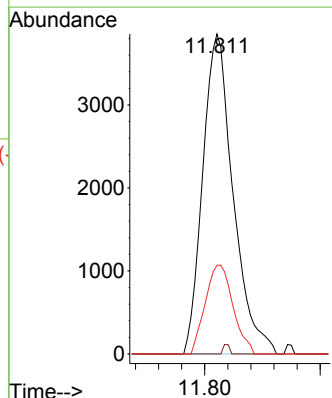
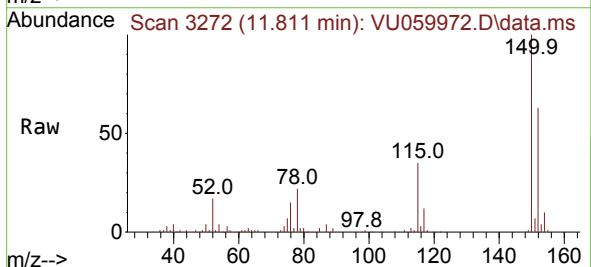


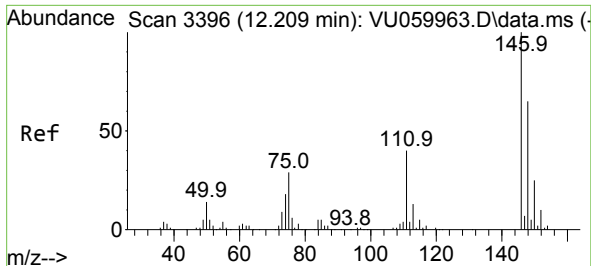
Tgt Ion:112 Resp: 230062
Ion Ratio Lower Upper
112 100
114 32.3 22.4 41.6
77 56.2 49.1 73.7



#61
1,2,3-Trichloropropane
Concen: 1.279 ug/L
RT: 11.811 min Scan# 3272
Delta R.T. 0.994 min
Lab File: VU059972.D
Acq: 16 Jul 2024 14:17

Tgt Ion: 75 Resp: 7029
Ion Ratio Lower Upper
75 100
110 0.6 27.1 40.7#
77 0.0 25.4 38.2#





#67

1,2-Dichlorobenzene

Concen: 0.333 ug/L

RT: 12.213 min Scan# 31

Delta R.T. 0.003 min

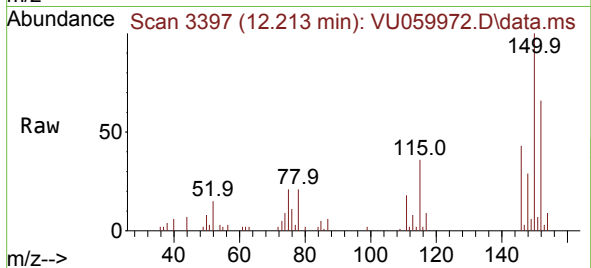
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Acq: 16 Jul 2024 14:17

Instrument :

MSVOA_U

ClientSampleId :



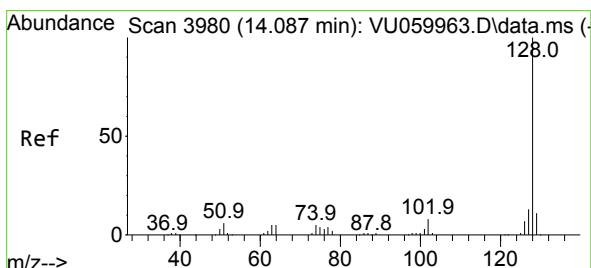
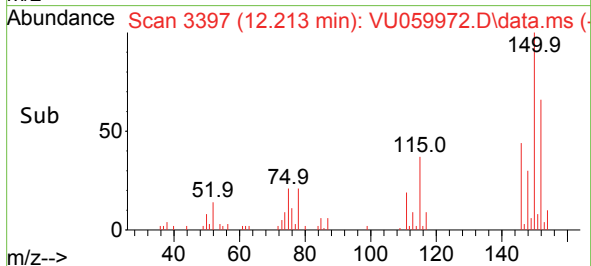
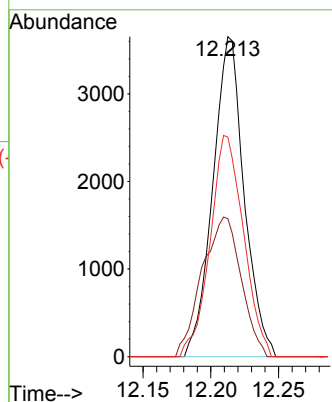
Tgt Ion:146 Resp: 5865

Ion Ratio Lower Upper

146 100

111 43.1 33.4 50.0

148 68.6 49.7 74.5



#71

Naphthalene

Concen: 0.153 ug/L

RT: 14.110 min Scan# 3987

Delta R.T. 0.023 min

Lab File: VU059972.D

Acq: 16 Jul 2024 14:17

Tgt Ion:128 Resp: 2319

Ion Ratio Lower Upper

128 100

129 0.0 8.2 12.4#

127 5.8 10.2 15.4#

