

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070524\
 Data File : VU059866.D
 Acq On : 05 Jul 2024 16:56
 Operator : MD/SY
 Sample : P3137-16
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 06 03:06:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 06 02:59:52 2024
 Response via : Initial Calibration

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

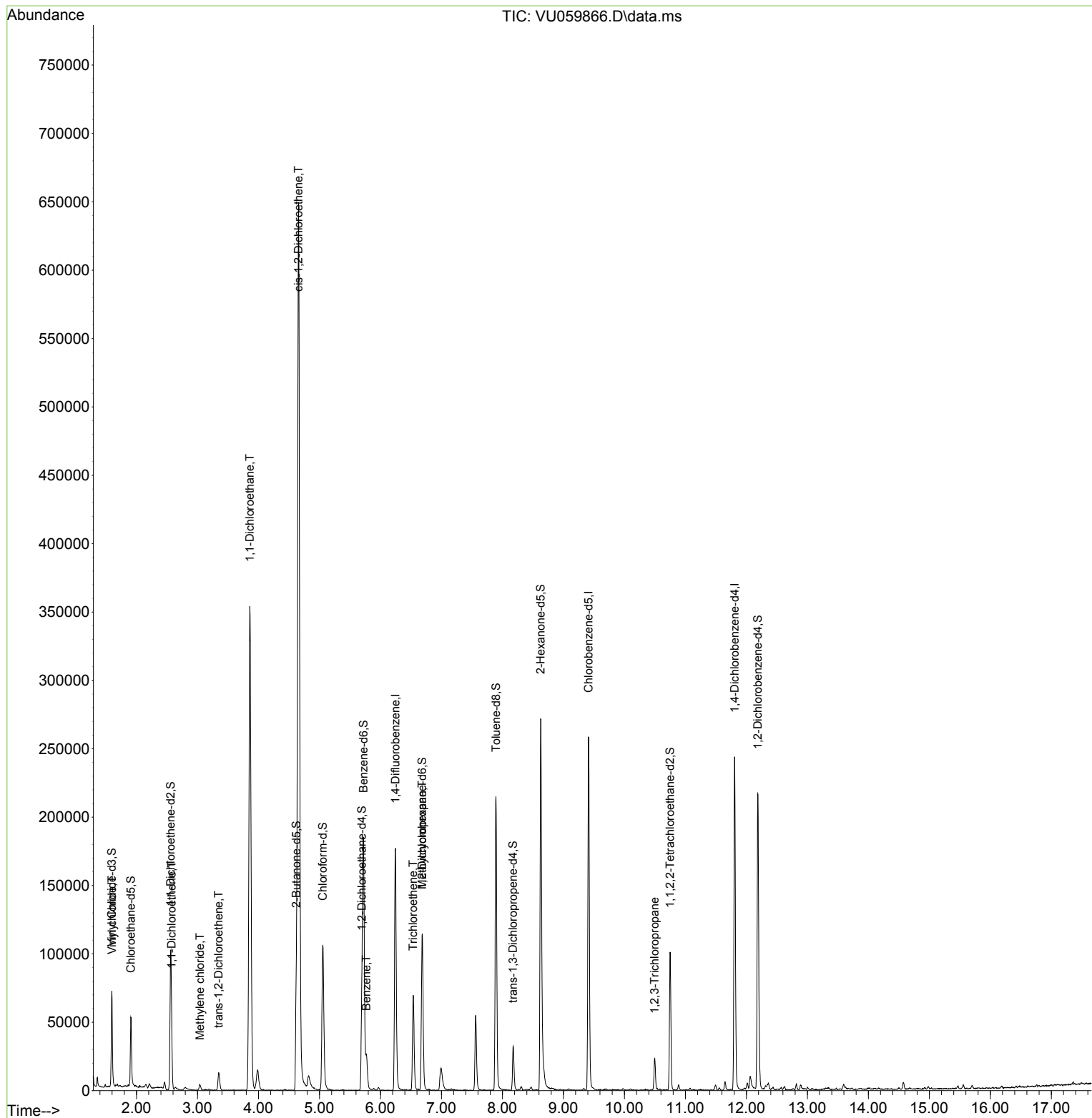
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	153345	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	154550	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	71897	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	42846	4.018	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.400%
7) Chloroethane-d5	1.907	69	40337	3.932	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.600%
11) 1,1-Dichloroethene-d2	2.560	65	16811	3.800	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.000%
20) 2-Butanone-d5	4.621	46	113015	51.455	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.900%
24) Chloroform-d	5.055	84	92616	4.232	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.600%
26) 1,2-Dichloroethane-d4	5.695	65	46575	4.418	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.400%
32) Benzene-d6	5.721	84	182130	4.282	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.600%
36) 1,2-Dichloropropane-d6	6.685	67	59775	4.586	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.800%
41) Toluene-d8	7.894	98	155426	3.931	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.600%
43) trans-1,3-Dichloroprop...	8.174	79	19571	4.795	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.000%
46) 2-Hexanone-d5	8.627	63	99021	58.393	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.780%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	53291	4.949	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	61238	4.786	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.800%
Target Compounds						
5) Vinyl chloride	1.599	62	9638	0.624	ug/L #	81
12) 1,1-Dichloroethene	2.576	96	10192	0.937	ug/L #	62
16) Methylene chloride	3.039	84	2424	0.188	ug/L	84
18) trans-1,2-Dichloroethene	3.348	96	6414	0.567	ug/L	86
19) 1,1-Dichloroethane	3.859	63	407215	19.524	ug/L	97
22) cis-1,2-Dichloroethene	4.657	96	357198	28.651	ug/L	94
33) Benzene	5.772	78	25203	0.537	ug/L	100
34) Trichloroethene	6.537	95	24692	1.943	ug/L	95
35) Methylcyclohexane	6.685	83	14078	0.778	ug/L #	18
61) 1,2,3-Trichloropropane	10.496	75	2140	0.322	ug/L #	65

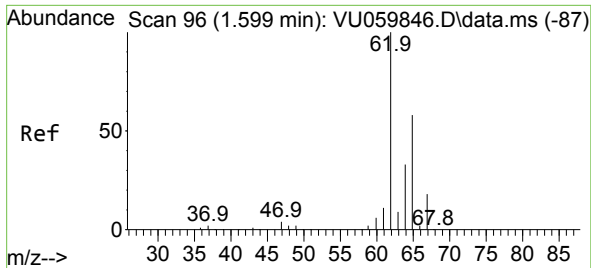
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration

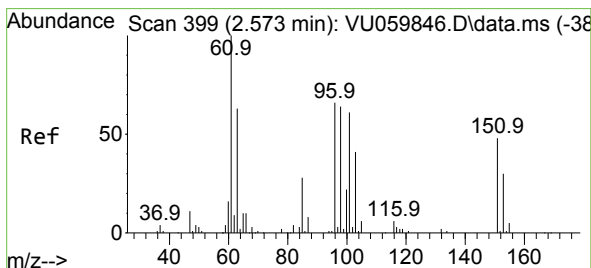
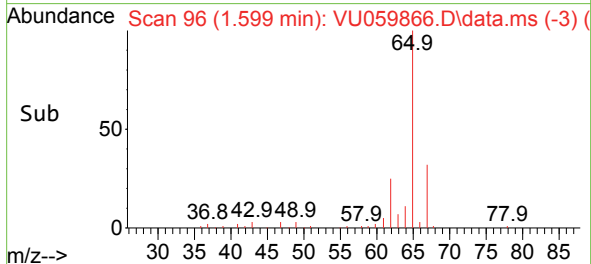
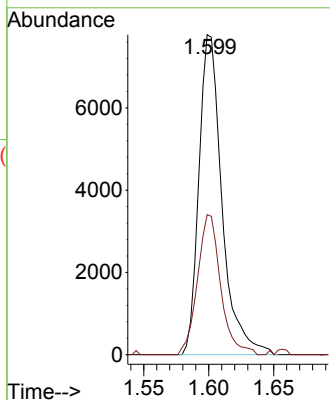
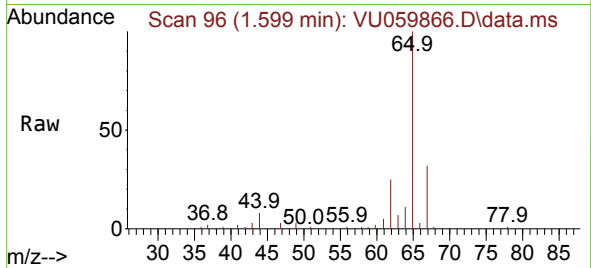




#5
 Vinyl chloride
 Concen: 0.624 ug/L
 RT: 1.599 min Scan# 90
 Delta R.T. 0.000 min
 Lab File: VU059866.D
 Acq: 05 Jul 2024 16:56

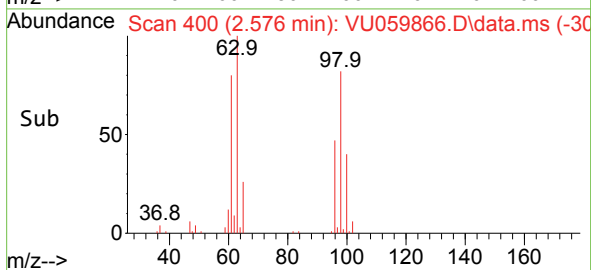
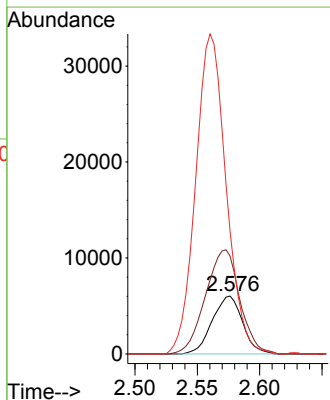
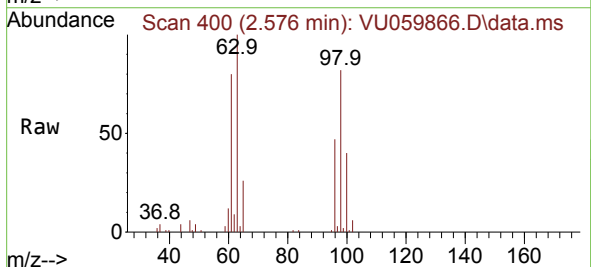
Instrument :
 MSVOA_U
 ClientSampleId :

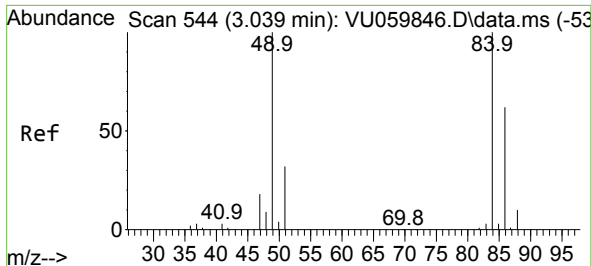
Tgt Ion: 62 Resp: 9638
 Ion Ratio Lower Upper
 62 100
 64 43.8 23.1 42.9#



#12
 1,1-Dichloroethene
 Concen: 0.937 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.003 min
 Lab File: VU059866.D
 Acq: 05 Jul 2024 16:56

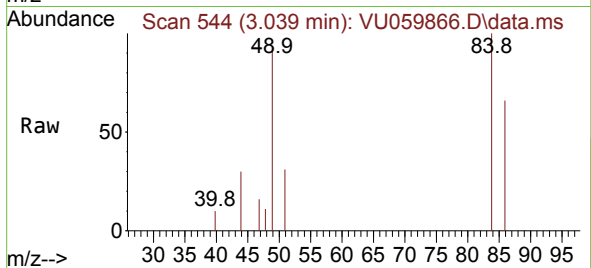
Tgt Ion: 96 Resp: 10192
 Ion Ratio Lower Upper
 96 100
 61 169.0 122.9 228.3
 63 212.4 80.4 149.4#





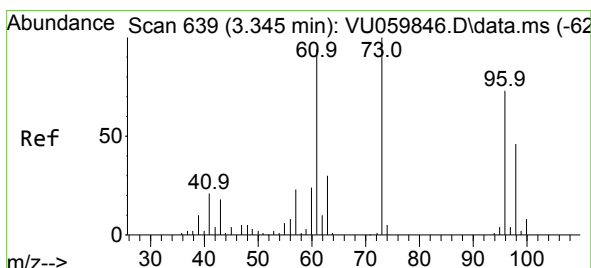
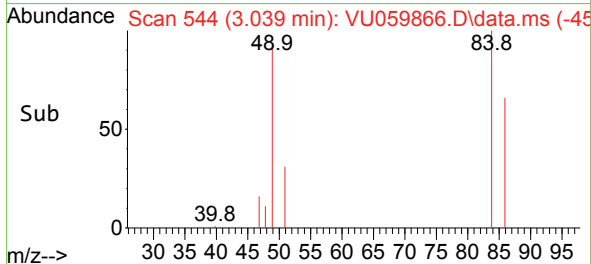
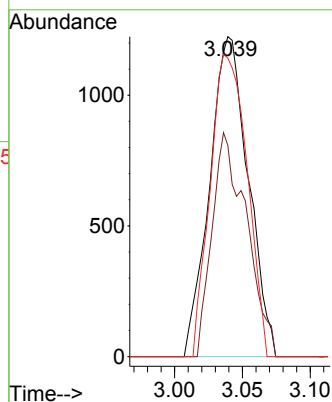
#16
Methylene chloride
Concen: 0.188 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU059866.D
Acq: 05 Jul 2024 16:56

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 84 Resp: 2424

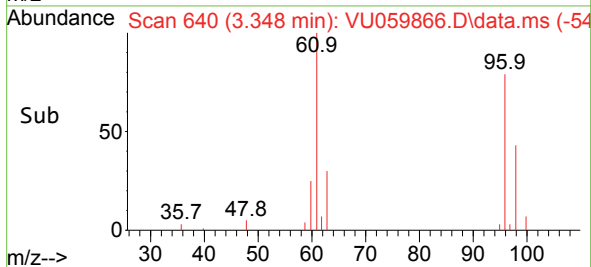
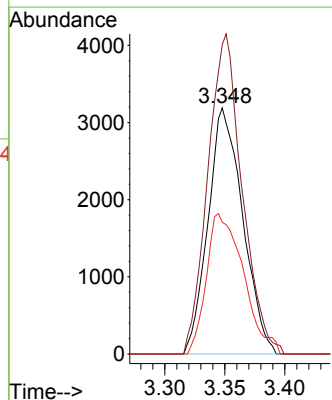
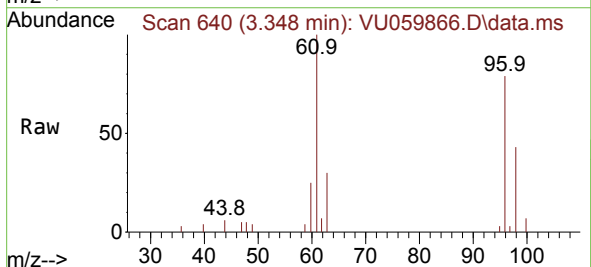
Ion	Ratio	Lower	Upper
84	100		
86	65.9	42.1	78.1
49	93.3	80.6	149.8

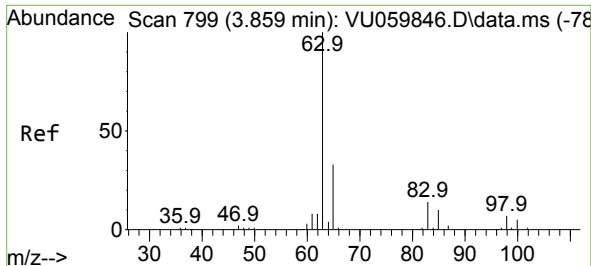


#18
trans-1,2-Dichloroethene
Concen: 0.567 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.003 min
Lab File: VU059866.D
Acq: 05 Jul 2024 16:56

Tgt Ion: 96 Resp: 6414

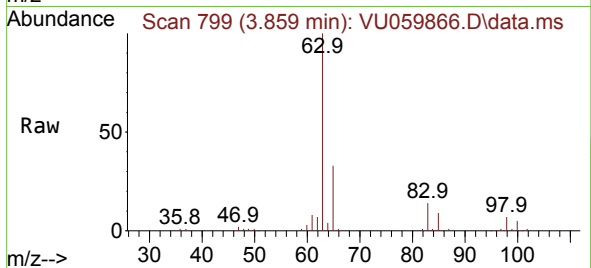
Ion	Ratio	Lower	Upper
96	100		
61	125.8	101.8	189.0
98	53.6	43.3	80.5



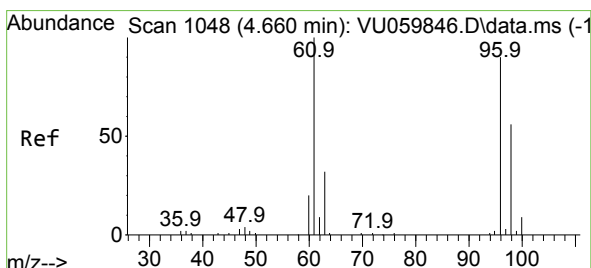
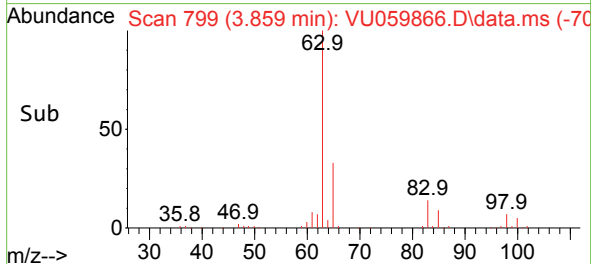
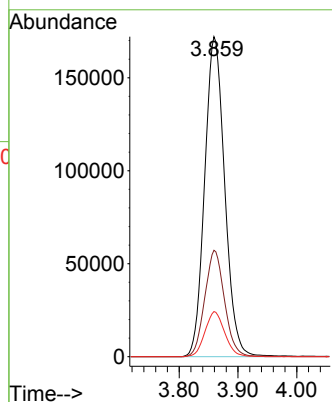


#19
1,1-Dichloroethane
Concen: 19.524 ug/L
RT: 3.859 min Scan# 799
Delta R.T. 0.000 min
Lab File: VU059866.D
Acq: 05 Jul 2024 16:56

Instrument :
MSVOA_U
ClientSampleId :

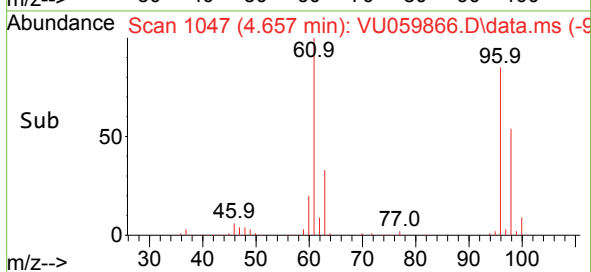
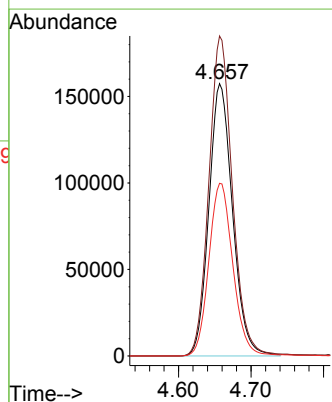
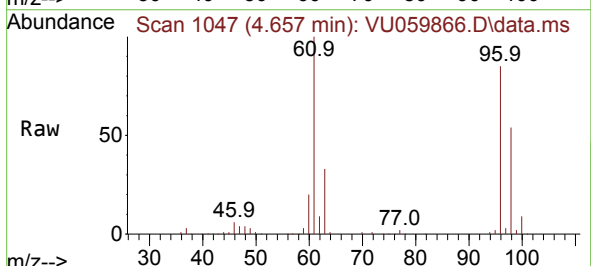


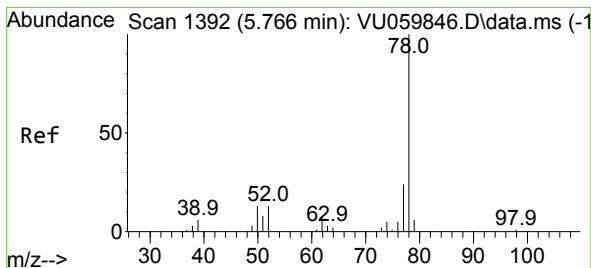
Tgt Ion: 63 Resp: 407215
Ion Ratio Lower Upper
63 100
65 33.2 21.8 40.6
83 14.1 9.9 18.5



#22
cis-1,2-Dichloroethene
Concen: 28.651 ug/L
RT: 4.657 min Scan# 1047
Delta R.T. -0.003 min
Lab File: VU059866.D
Acq: 05 Jul 2024 16:56

Tgt Ion: 96 Resp: 357198
Ion Ratio Lower Upper
96 100
61 117.5 87.4 162.2
98 63.4 42.3 78.5





#33

Benzene

Concen: 0.537 ug/L

RT: 5.772 min Scan# 1

Delta R.T. 0.006 min

Lab File: VU059866.D

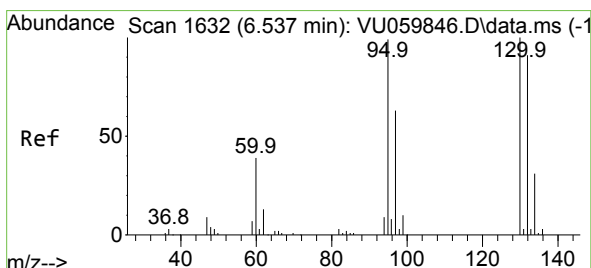
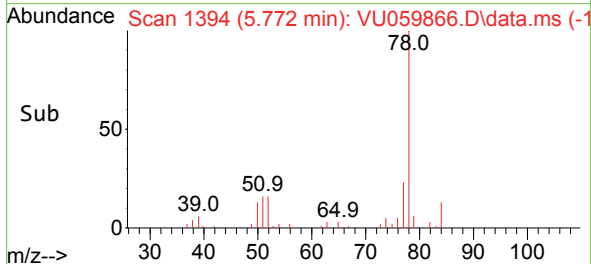
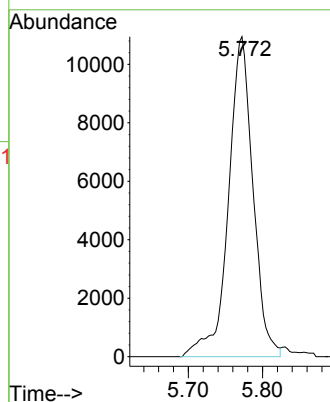
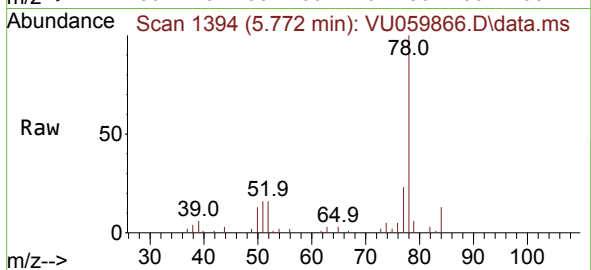
Acq: 05 Jul 2024 16:56

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 78 Resp: 25203



#34

Trichloroethene

Concen: 1.943 ug/L

RT: 6.537 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VU059866.D

Acq: 05 Jul 2024 16:56

Tgt Ion: 95 Resp: 24692

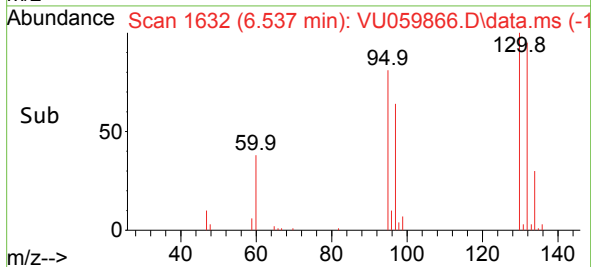
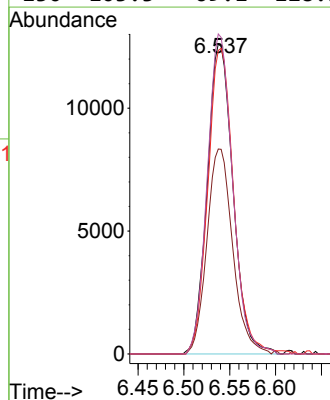
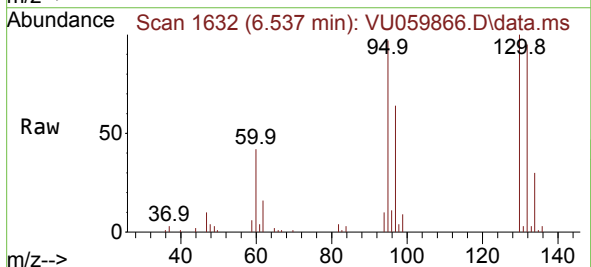
Ion Ratio Lower Upper

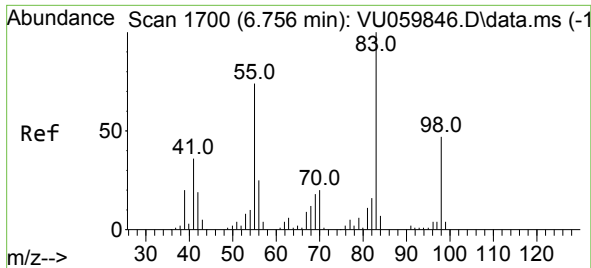
95 100

97 66.1 45.3 84.1

132 97.9 64.0 119.0

130 103.3 69.1 128.3

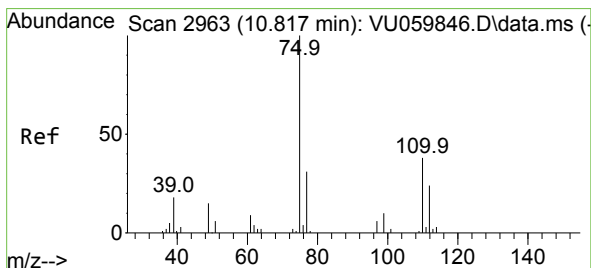
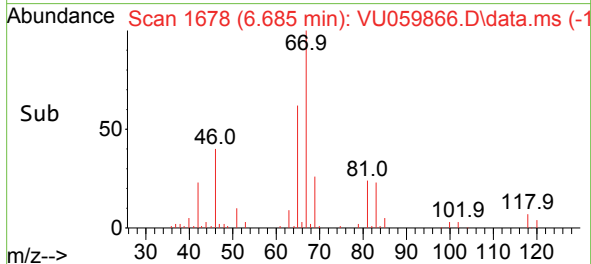
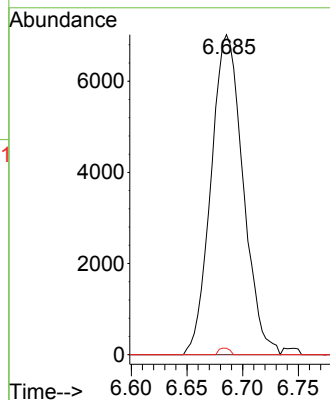
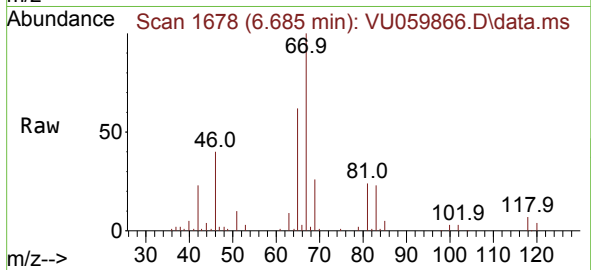




#35
Methylcyclohexane
Concen: 0.778 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.071 min
Lab File: VU059866.D
Acq: 05 Jul 2024 16:56

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 83 Resp: 14078
Ion Ratio Lower Upper
83 100
55 0.0 62.7 94.1#
98 0.7 35.4 53.0#



#61
1,2,3-Trichloropropane
Concen: 0.322 ug/L
RT: 10.496 min Scan# 2863
Delta R.T. -0.321 min
Lab File: VU059866.D
Acq: 05 Jul 2024 16:56

Tgt Ion: 75 Resp: 2140
Ion Ratio Lower Upper
75 100
110 5.9 27.1 40.7#
77 20.4 25.4 38.2#

