

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 :
 YDZE5

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)

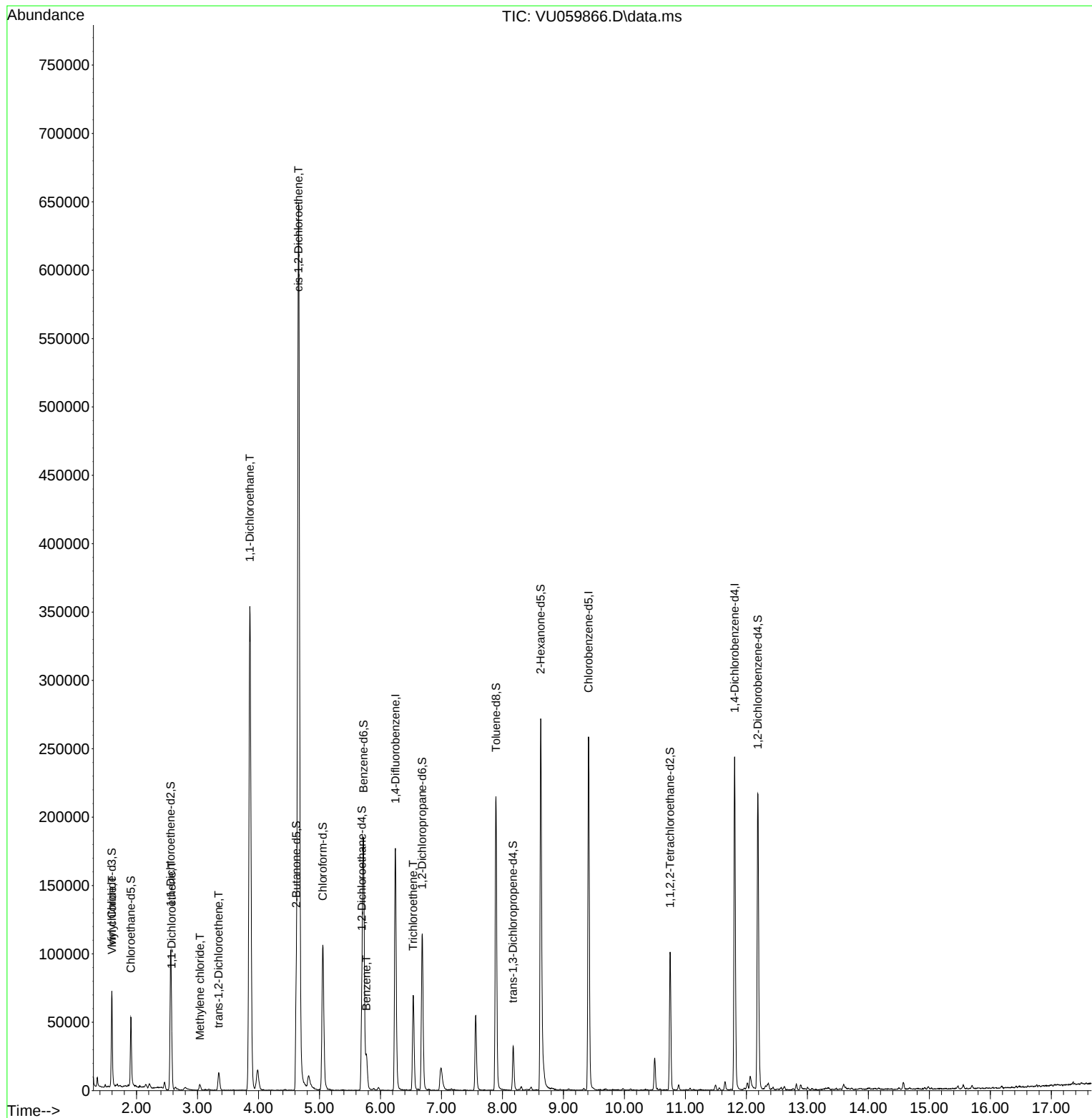
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	153345	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	154550	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	71897	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	42846	4.018	ug/L	0.00
Spiked Amount	5.000	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						
					Qvalue	
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

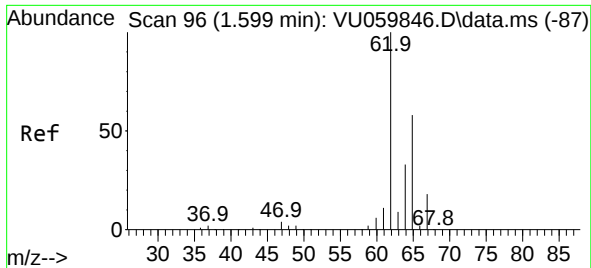
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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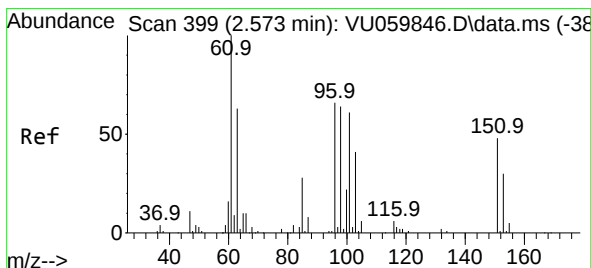
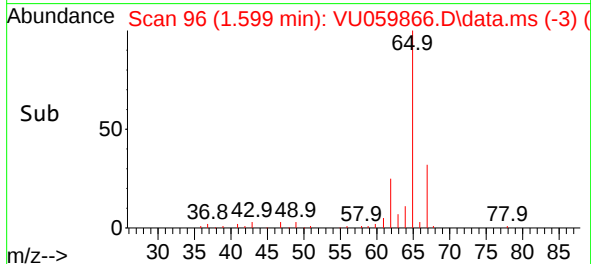
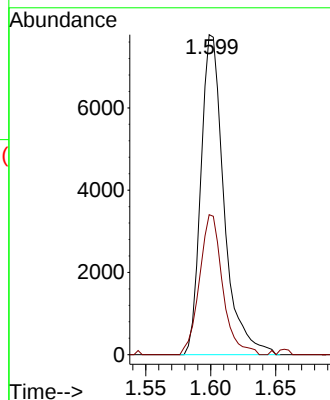
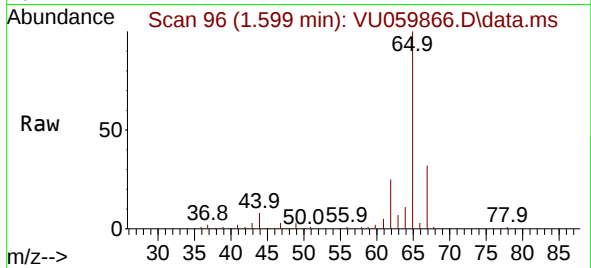




#5
 Vinyl chloride
 Concen: 0.624 ug/L
 RT: 1.599 min Scan# 90
 Delta R.T. 0.000 min
 Lab File: VU059866.D
 Acq: 05 Jul 2024 16:56

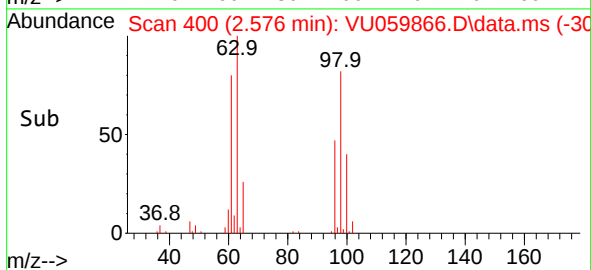
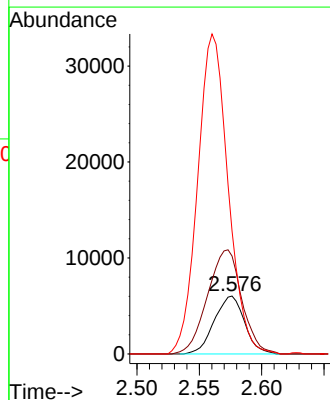
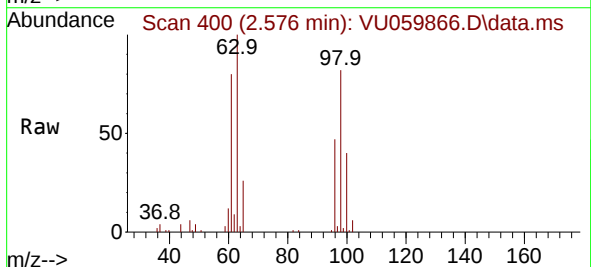
Instrument :
 MSVOA_U
 ClientSampleId :
 YDZE5

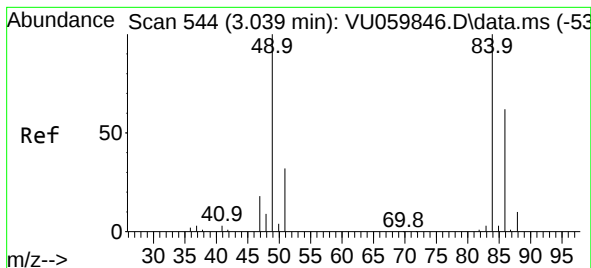
Tgt Ion: 62 Resp: 9638
 Ion Ratio Lower Upper
 62 100
 64 43.8 23.1 42.9#



#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 :

YDZE5

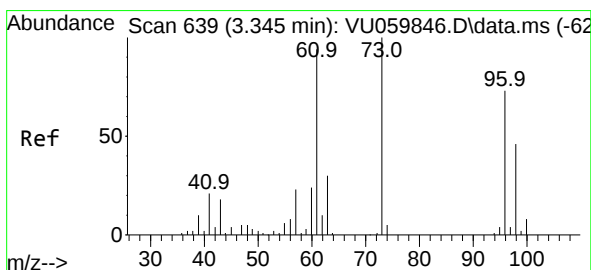
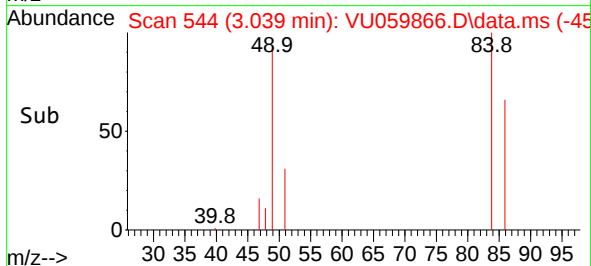
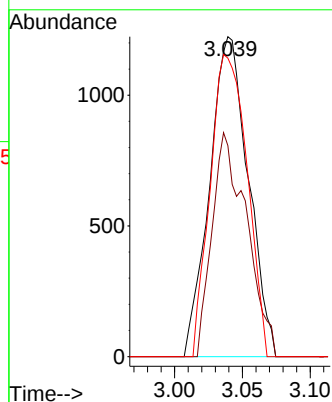
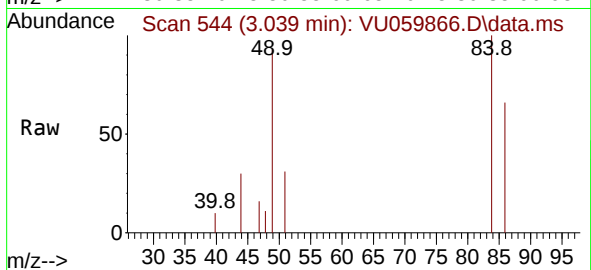
Tgt Ion: 84 Resp: 2424

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

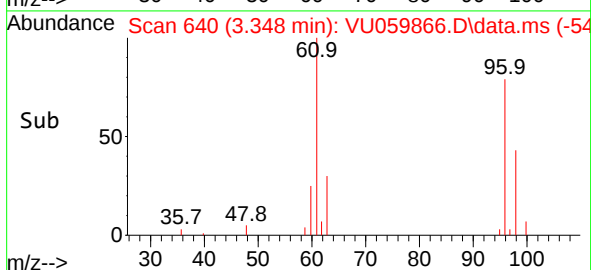
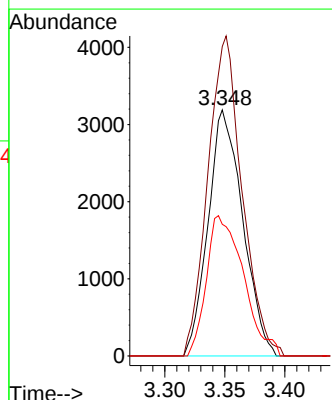
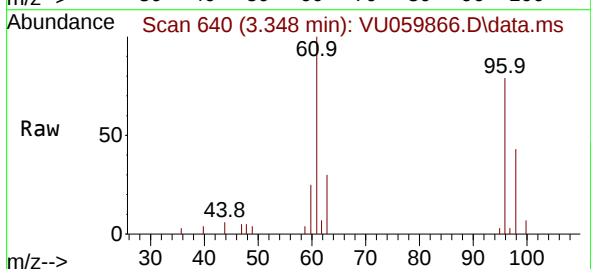
Tgt Ion: 96 Resp: 6414

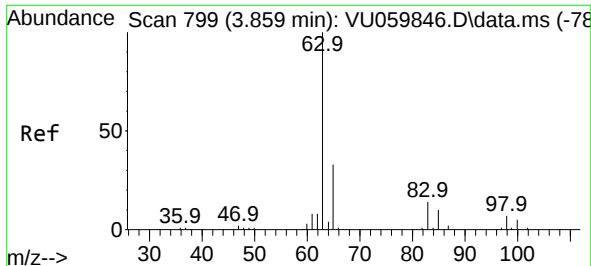
Ion Ratio Lower Upper

96 100

61 125.8 101.8 189.0

98 53.6 43.3 80.5

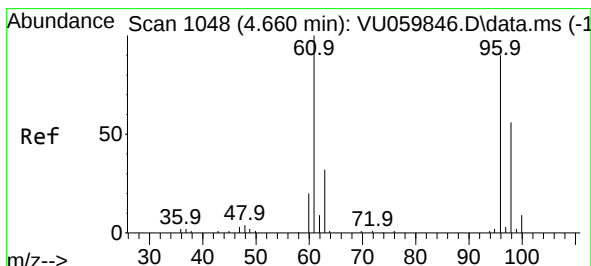
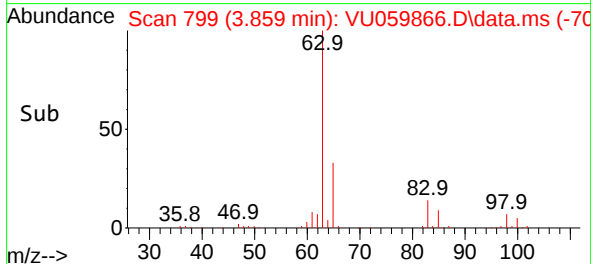
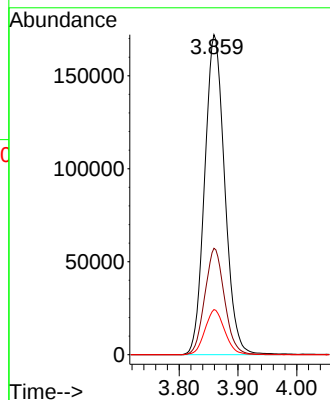
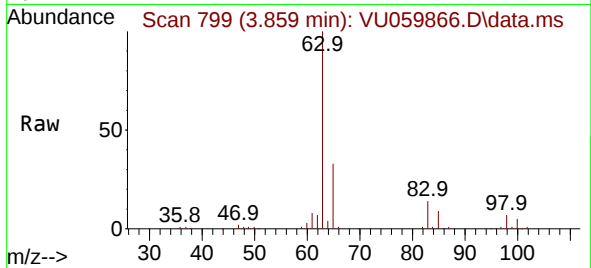




#19
1,1-Dichloroethane
Concen: 19.524 ug/L
RT: 3.859 min Scan# 799
Delta R.T. 0.000 min
Lab File: VU059866.D
Acq: 05 Jul 2024 16:56

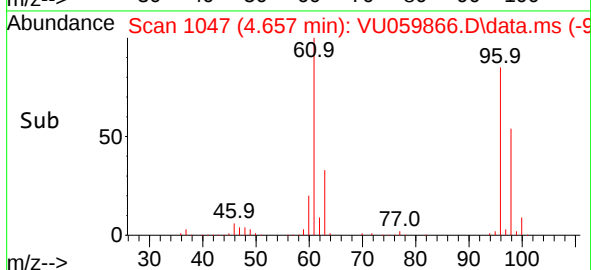
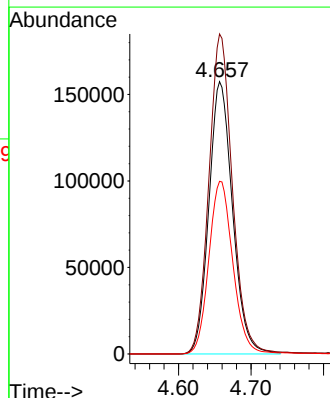
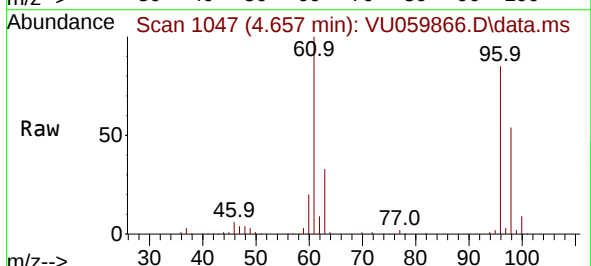
Instrument :
MSVOA_U
ClientSampleId :
YDZE5

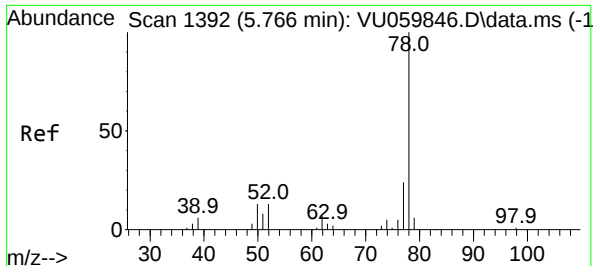
Tgt Ion: 63 Resp: 407215
Ion Ratio Lower Upper
63 100
65 33.2 21.8 40.6
83 14.1 9.9 18.5



#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# 11

Delta R.T. 0.006 min

Lab File: VU059866.D

Acq: 05 Jul 2024 16:56

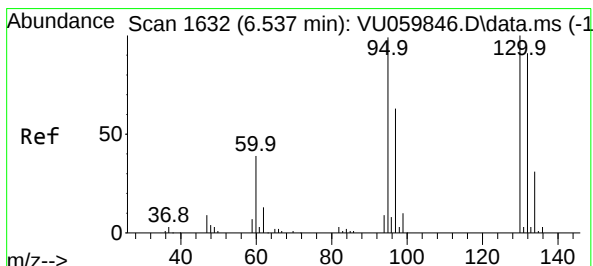
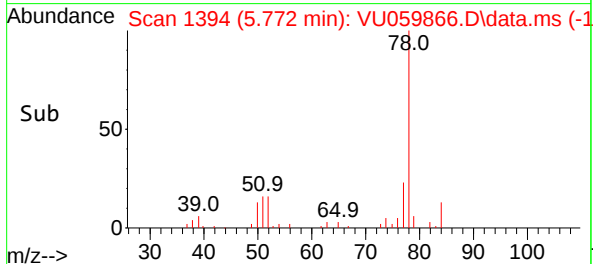
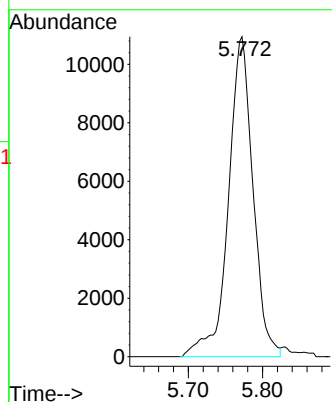
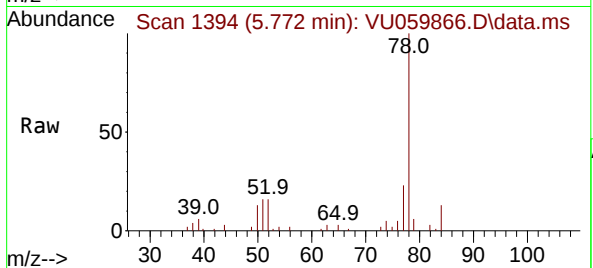
Instrument :

MSVOA_U

ClientSampleId :

YDZE5

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

