

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040824\
 Data File : VU058482.D
 Acq On : 08 Apr 2024 20:56
 Operator : MD/SY
 Sample : P2013-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EOMA8

Quant Time: Apr 09 05:50:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 09 05:30:00 2024
 Response via : Initial Calibration

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

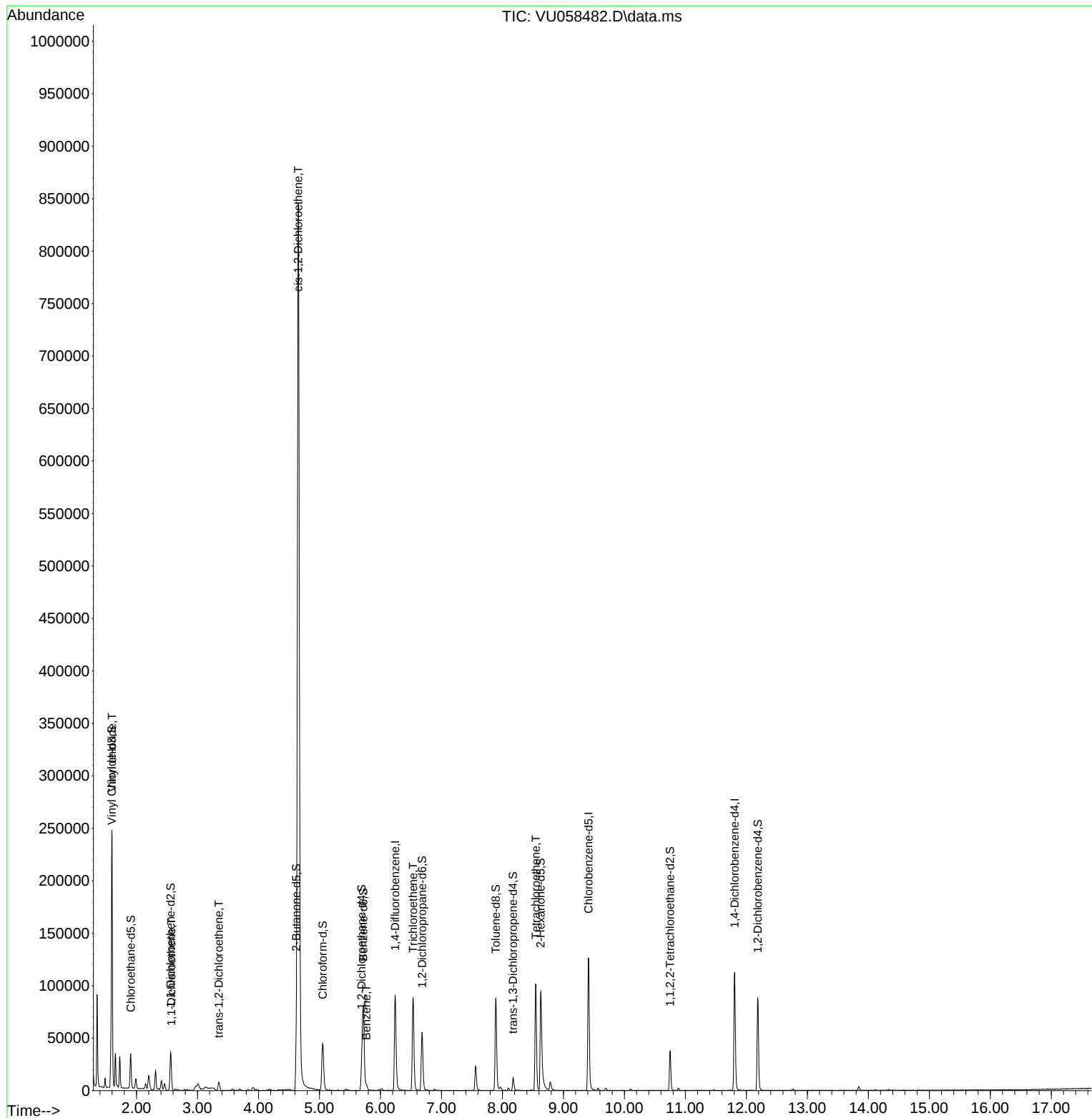
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	72326	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	68502	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	29353	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	15558	3.249	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.000%
7) Chloroethane-d5	1.907	69	15805	3.798	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.000%
11) 1,1-Dichloroethene-d2	2.560	65	7007	3.233	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.600%
20) 2-Butanone-d5	4.621	46	49307	48.862	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.720%
24) Chloroform-d	5.052	84	41871	4.380	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
26) 1,2-Dichloroethane-d4	5.692	65	20701	4.640	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
32) Benzene-d6	5.717	84	75240	4.080	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.600%
36) 1,2-Dichloropropane-d6	6.682	67	25879	4.474	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.400%
41) Toluene-d8	7.891	98	58740	3.592	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.800%
43) trans-1,3-Dichloroprop...	8.174	79	7348	4.093	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.800%
46) 2-Hexanone-d5	8.627	63	33047	44.629	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.260%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	19450	4.764	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	22433	4.538	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.800%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.599	62	130866	17.761	ug/L	100
12) 1,1-Dichloroethene	2.573	96	1063	0.207	ug/L	# 1
18) trans-1,2-Dichloroethene	3.351	96	2557	0.476	ug/L	98
22) cis-1,2-Dichloroethene	4.653	96	415917	68.942	ug/L	97
33) Benzene	5.772	78	4233	0.170	ug/L	100
34) Trichloroethene	6.534	95	30404	4.857	ug/L	96
47) Tetrachloroethene	8.547	164	21587	4.705	ug/L	97

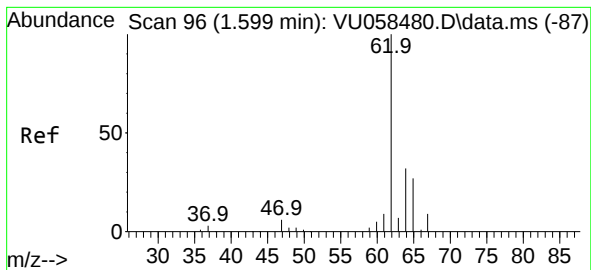
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040824\
Data File : VU058482.D
Acq On : 08 Apr 2024 20:56
Operator : MD/SY
Sample : P2013-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EOMA8

Quant Time: Apr 09 05:50:41 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Apr 09 05:30:00 2024
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 17.761 ug/L

RT: 1.599 min Scan# 90

Delta R.T. -0.000 min

Lab File: VU058482.D

Acq: 08 Apr 2024 20:56

Instrument :

MSVOA_U

ClientSampleId :

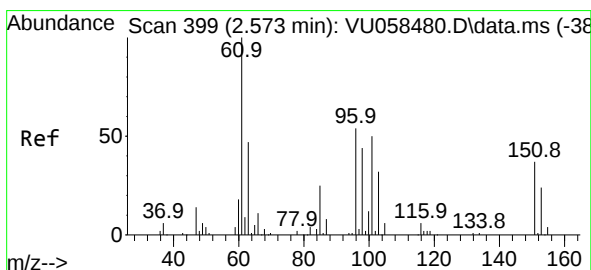
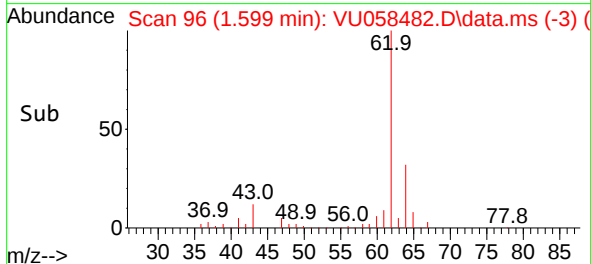
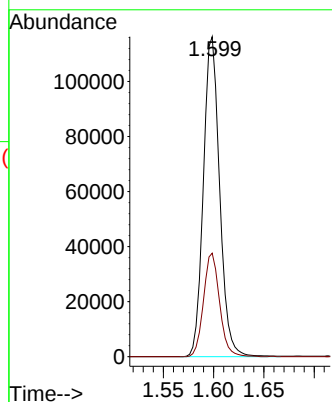
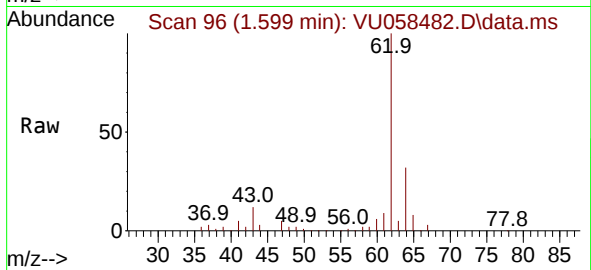
EOMA8

Tgt Ion: 62 Resp: 130866

Ion Ratio Lower Upper

62 100

64 32.4 22.6 42.0



#12

1,1-Dichloroethene

Concen: 0.207 ug/L

RT: 2.573 min Scan# 399

Delta R.T. -0.000 min

Lab File: VU058482.D

Acq: 08 Apr 2024 20:56

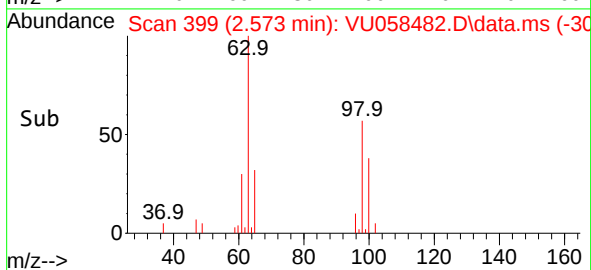
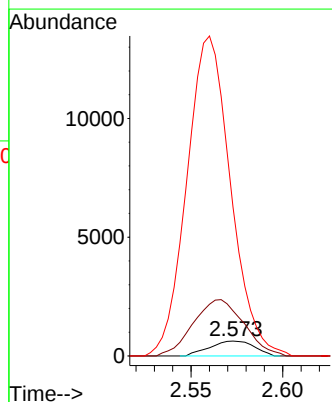
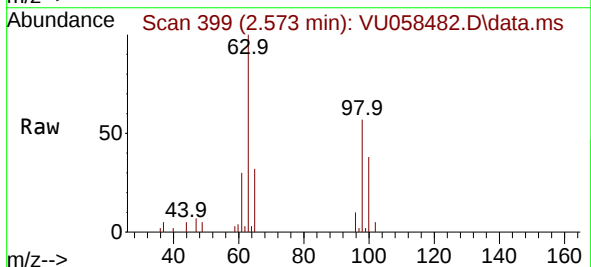
Tgt Ion: 96 Resp: 1063

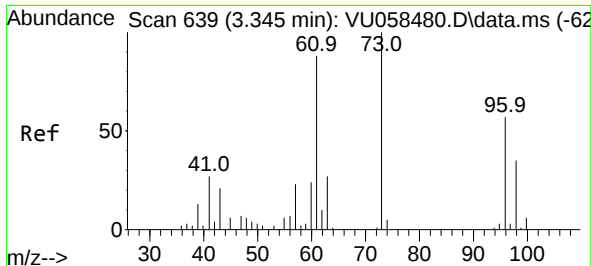
Ion Ratio Lower Upper

96 100

61 304.2 132.5 246.1#

63 1005.0 87.7 162.9#

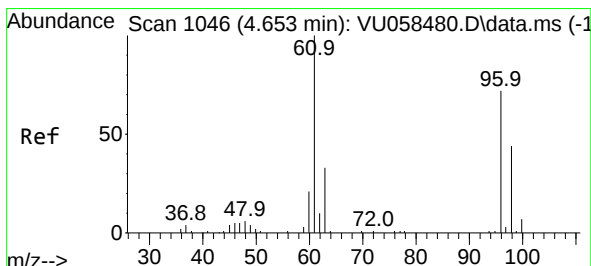
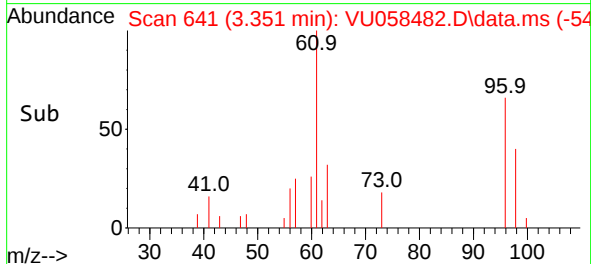
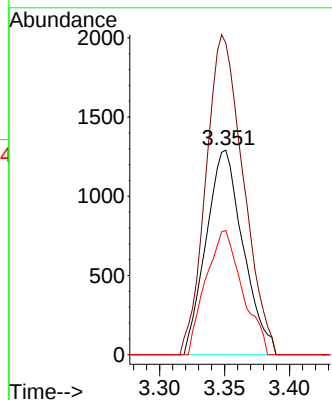
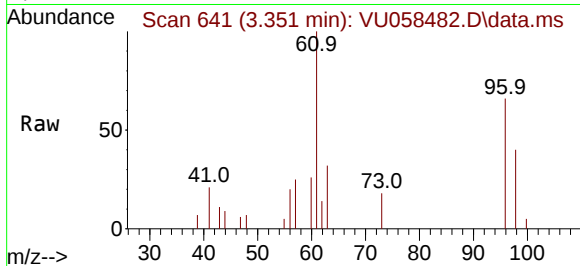




#18
trans-1,2-Dichloroethene
Concen: 0.476 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.006 min
Lab File: VU058482.D
Acq: 08 Apr 2024 20:56

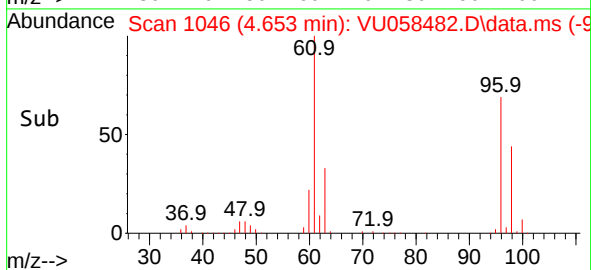
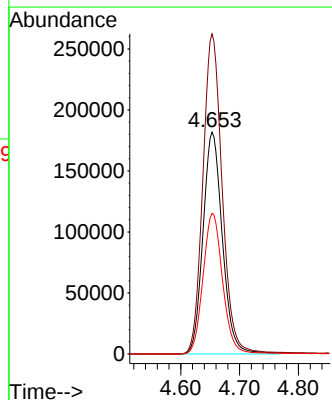
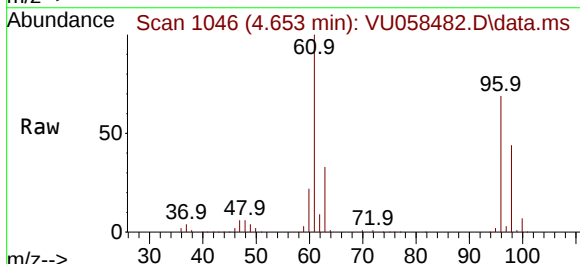
Instrument :
MSVOA_U
ClientSampleId :
EOMA8

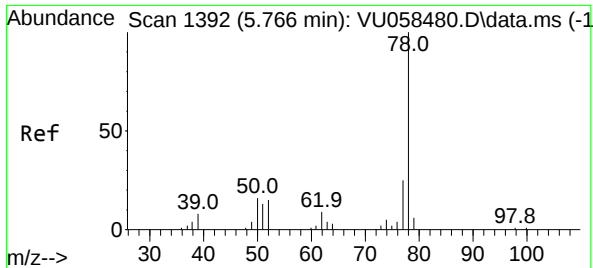
Tgt Ion: 96 Resp: 2557
Ion Ratio Lower Upper
96 100
61 152.4 107.6 199.8
98 60.7 45.1 83.7



#22
cis-1,2-Dichloroethene
Concen: 68.942 ug/L
RT: 4.653 min Scan# 1046
Delta R.T. -0.000 min
Lab File: VU058482.D
Acq: 08 Apr 2024 20:56

Tgt Ion: 96 Resp: 415917
Ion Ratio Lower Upper
96 100
61 144.3 98.1 182.3
98 63.4 43.6 81.0





#33

Benzene

Concen: 0.170 ug/L

RT: 5.772 min Scan# 11

Delta R.T. 0.006 min

Lab File: VU058482.D

Acq: 08 Apr 2024 20:56

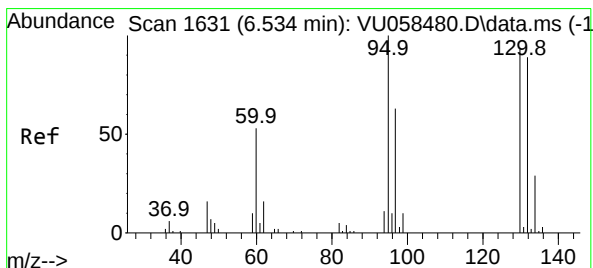
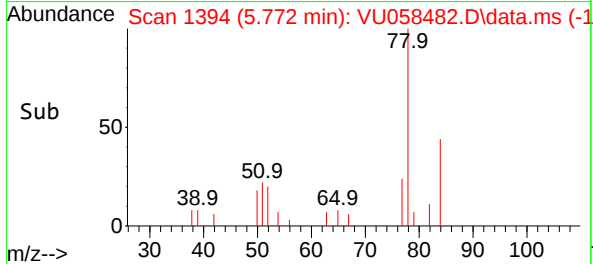
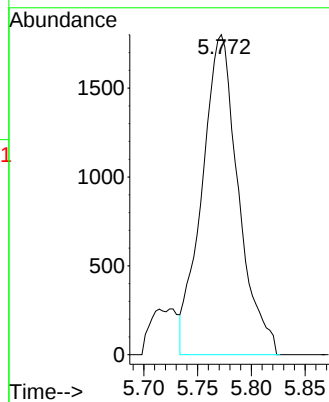
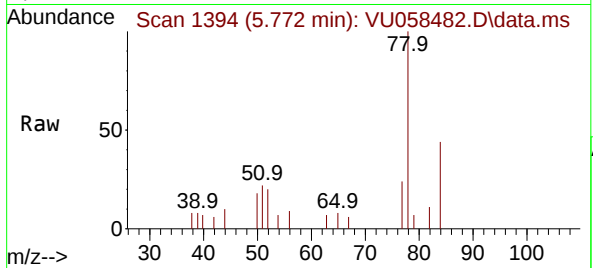
Instrument :

MSVOA_U

ClientSampleId :

EOMA8

Tgt Ion: 78 Resp: 4233



#34

Trichloroethene

Concen: 4.857 ug/L

RT: 6.534 min Scan# 1631

Delta R.T. -0.000 min

Lab File: VU058482.D

Acq: 08 Apr 2024 20:56

Tgt Ion: 95 Resp: 30404

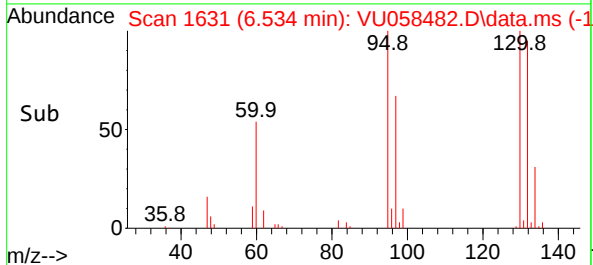
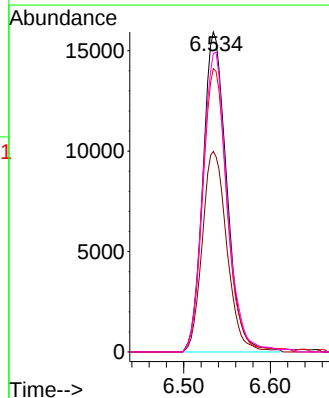
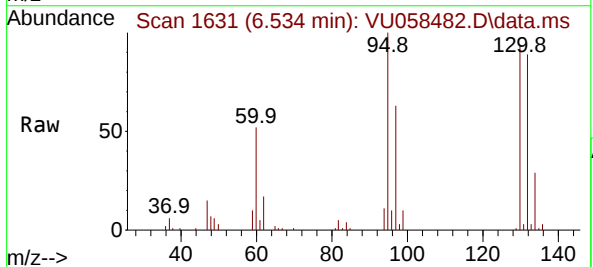
Ion Ratio Lower Upper

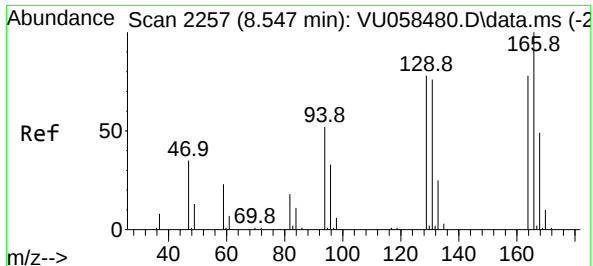
95 100

97 62.7 45.6 84.6

132 88.5 64.8 120.3

130 93.2 68.0 126.2





#47
 Tetrachloroethene
 Concen: 4.705 ug/L
 RT: 8.547 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU058482.D
 Acq: 08 Apr 2024 20:56

Instrument :
 MSVOA_U
 ClientSampleId :
 E0MA8

Tgt Ion:164	Resp:	21587
Ion	Ratio	Lower Upper
164	100	
129	99.4	67.3 125.1
131	93.3	65.5 121.6
166	122.8	89.5 166.1

