

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032824\
 Data File : VU058252.D
 Acq On : 28 Mar 2024 20:13
 Operator : MD/SY
 Sample : P1902-19
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DCOC6

Quant Time: Mar 29 01:14:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 29 01:09:13 2024
 Response via : Initial Calibration

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

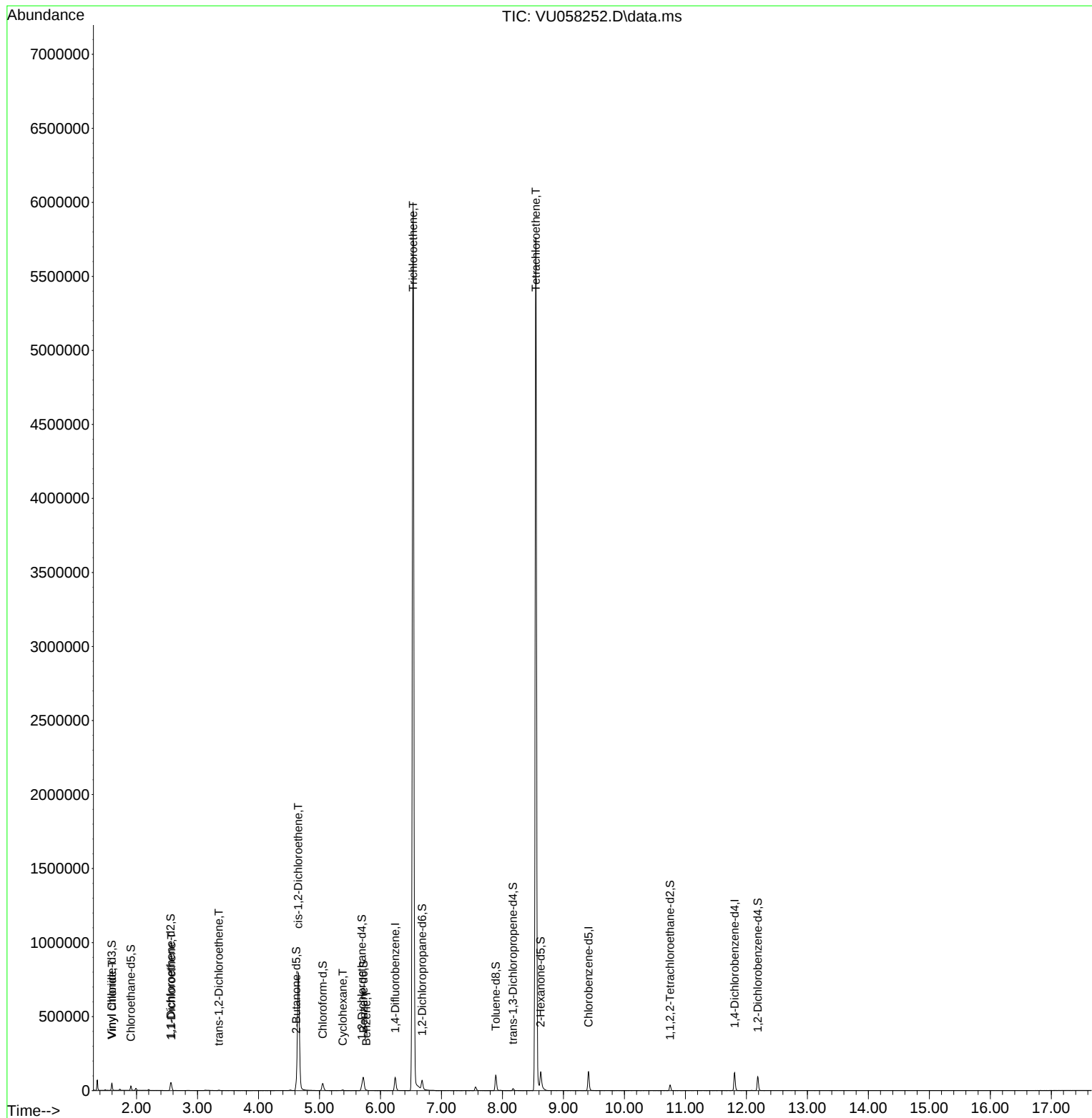
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	72317	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	71019	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	31702	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	19101	3.126	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.600%
7) Chloroethane-d5	1.907	69	20090	4.027	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.600%
11) 1,1-Dichloroethene-d2	2.560	65	8586	3.384	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.600%
20) 2-Butanone-d5	4.621	46	52403	48.267	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.540%
24) Chloroform-d	5.052	84	44700	4.091	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.800%
26) 1,2-Dichloroethane-d4	5.695	65	22809	4.465	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.400%
32) Benzene-d6	5.721	84	85108	3.690	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.800%
36) 1,2-Dichloropropane-d6	6.682	67	28256	4.156	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.200%
41) Toluene-d8	7.891	98	69777	3.415	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.200%#
43) trans-1,3-Dichloroprop...	8.174	79	8083	3.711	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.200%
46) 2-Hexanone-d5	8.627	63	42147	47.777	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.560%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	19462	4.394	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	24982	4.232	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.600%
Target Compounds						
5) Vinyl chloride	1.599	62	10747	2.592	ug/L	98
12) 1,1-Dichloroethene	2.573	96	6393	1.763	ug/L #	53
18) trans-1,2-Dichloroethene	3.351	96	1422	0.375	ug/L	93
22) cis-1,2-Dichloroethene	4.653	96	408035	87.151	ug/L	97
30) Cyclohexane	5.383	56	2368	0.369	ug/L #	90
33) Benzene	5.769	78	2577	0.138	ug/L	100
34) Trichloroethene	6.534	95	2034116	418.580	ug/L	97
47) Tetrachloroethene	8.550	164	1156107	355.185	ug/L	98

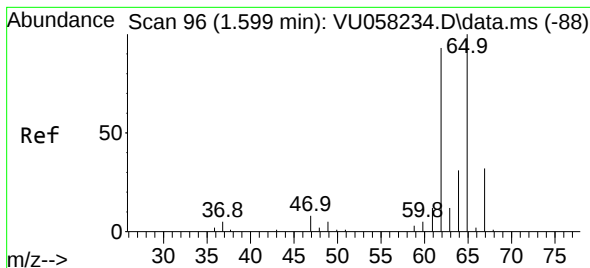
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 2.592 ug/L

RT: 1.599 min Scan# 90

Delta R.T. -0.000 min

Lab File: VU058252.D

Acq: 28 Mar 2024 20:13

Instrument :

MSVOA_U

ClientSampleId :

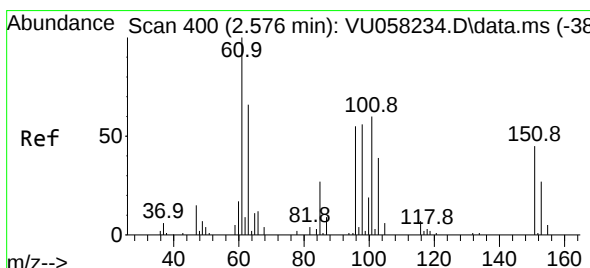
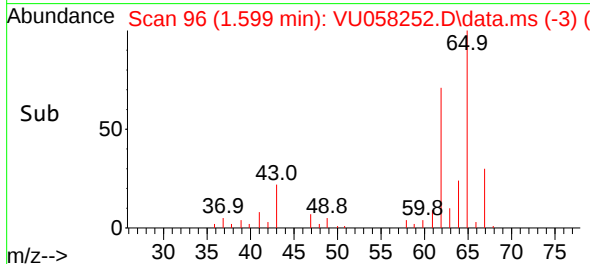
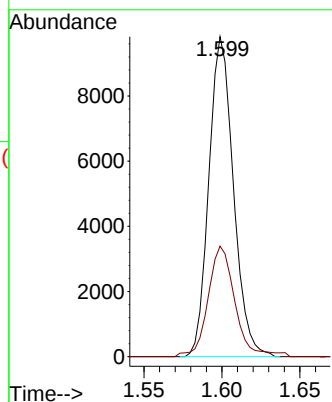
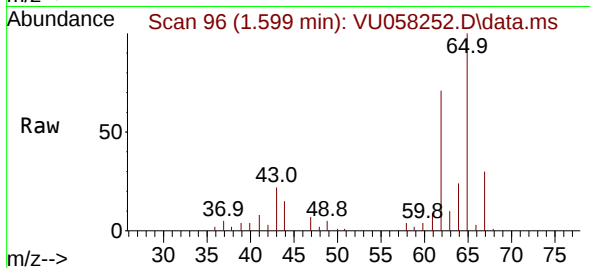
DCOC6

Tgt Ion: 62 Resp: 10747

Ion Ratio Lower Upper

62 100

64 34.6 23.4 43.6



#12

1,1-Dichloroethene

Concen: 1.763 ug/L

RT: 2.573 min Scan# 399

Delta R.T. -0.003 min

Lab File: VU058252.D

Acq: 28 Mar 2024 20:13

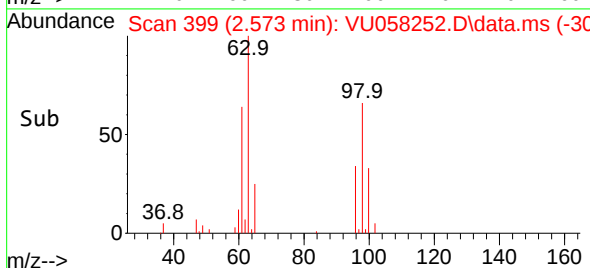
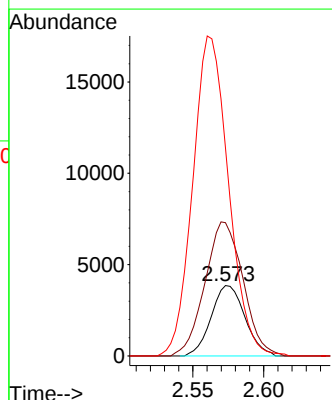
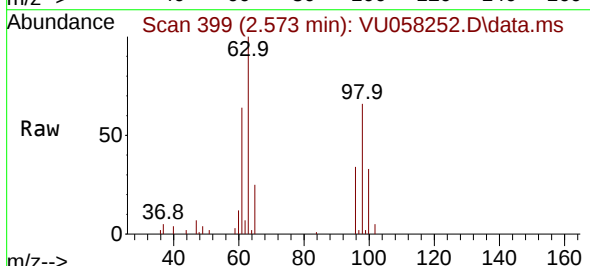
Tgt Ion: 96 Resp: 6393

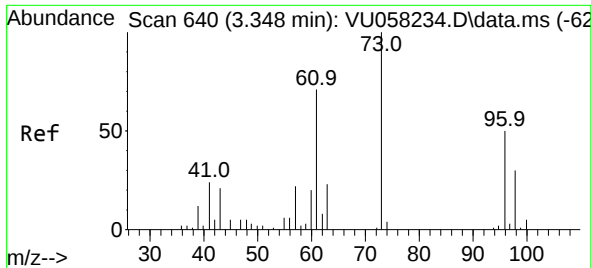
Ion Ratio Lower Upper

96 100

61 189.2 128.1 237.9

63 295.4 116.8 217.0#

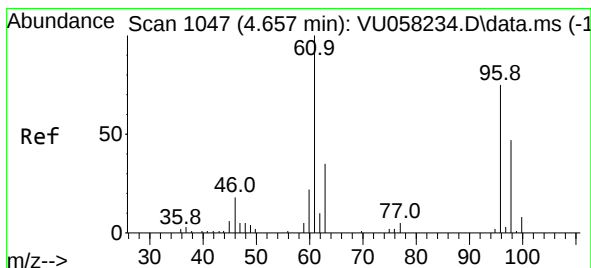
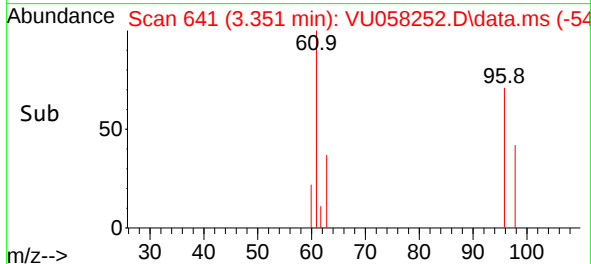
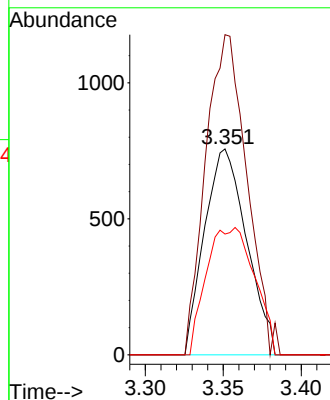
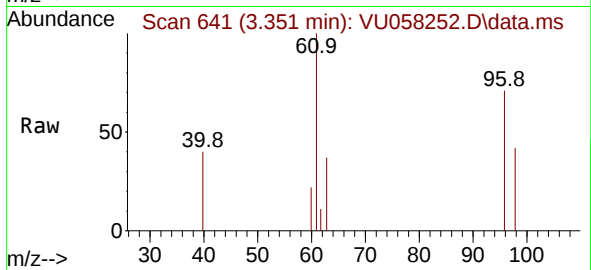




#18
trans-1,2-Dichloroethene
Concen: 0.375 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU058252.D
Acq: 28 Mar 2024 20:13

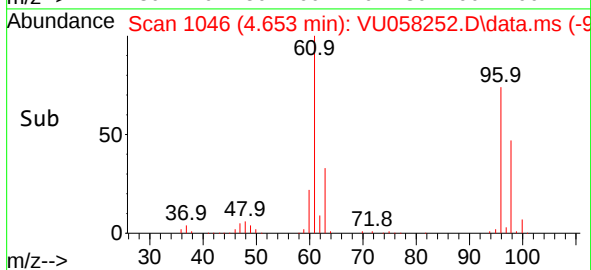
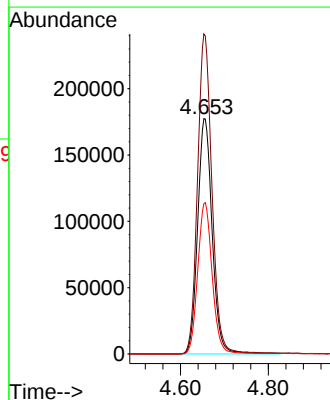
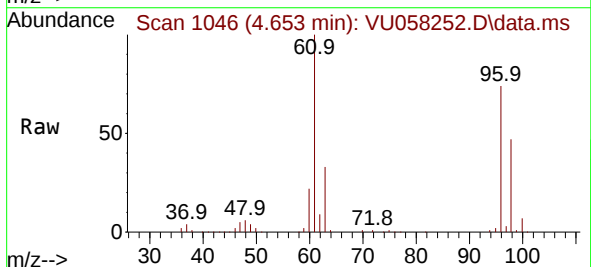
Instrument :
MSVOA_U
ClientSampleId :
DCOC6

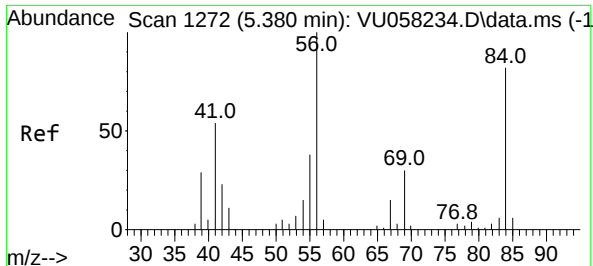
Tgt Ion: 96 Resp: 1422
Ion Ratio Lower Upper
96 100
61 155.5 102.5 190.3
98 58.7 44.0 81.8



#22
cis-1,2-Dichloroethene
Concen: 87.151 ug/L
RT: 4.653 min Scan# 1046
Delta R.T. -0.003 min
Lab File: VU058252.D
Acq: 28 Mar 2024 20:13

Tgt Ion: 96 Resp: 408035
Ion Ratio Lower Upper
96 100
61 136.0 92.8 172.4
98 63.9 43.2 80.2





#30

Cyclohexane

Concen: 0.369 ug/L

RT: 5.383 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU058252.D

Acq: 28 Mar 2024 20:13

Instrument :

MSVOA_U

ClientSampleId :

DCOC6

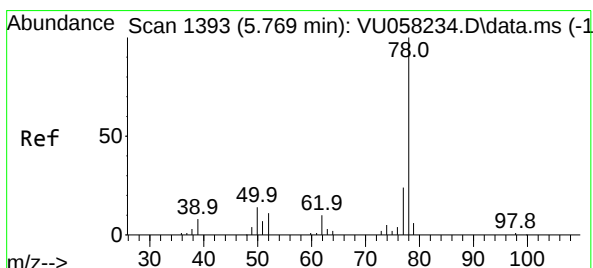
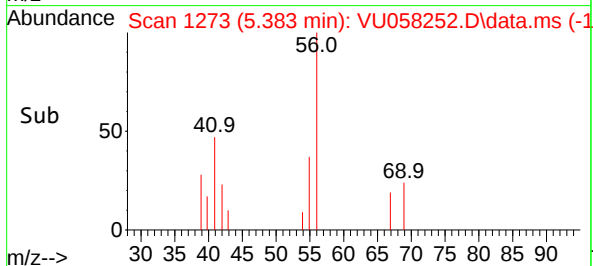
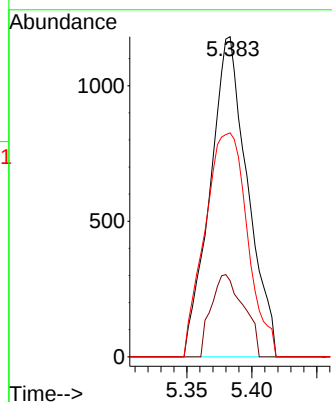
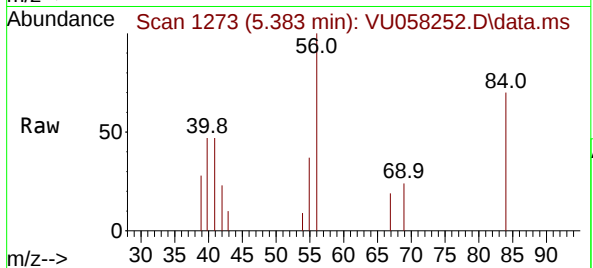
Tgt Ion: 56 Resp: 2368

Ion Ratio Lower Upper

56 100

69 22.2 24.2 36.2#

84 79.3 69.7 104.5



#33

Benzene

Concen: 0.138 ug/L

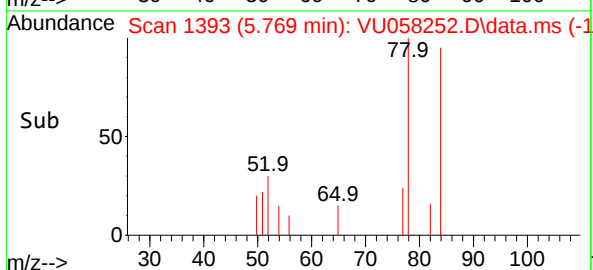
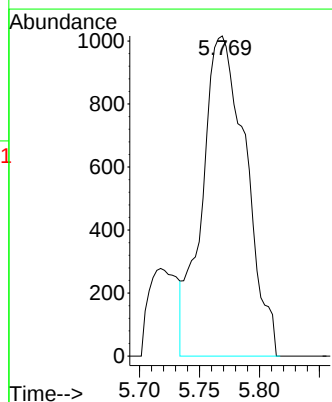
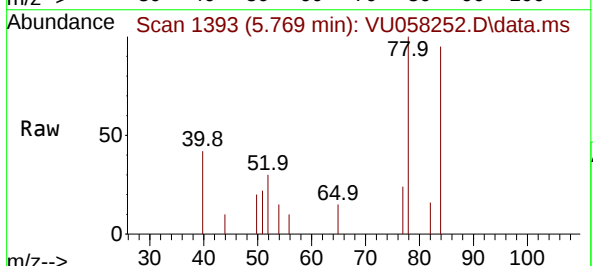
RT: 5.769 min Scan# 1393

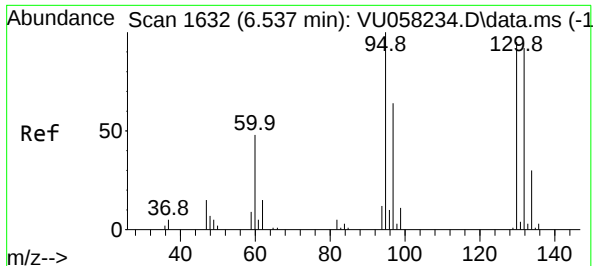
Delta R.T. -0.000 min

Lab File: VU058252.D

Acq: 28 Mar 2024 20:13

Tgt Ion: 78 Resp: 2577



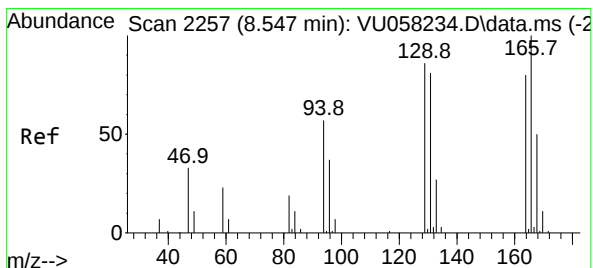
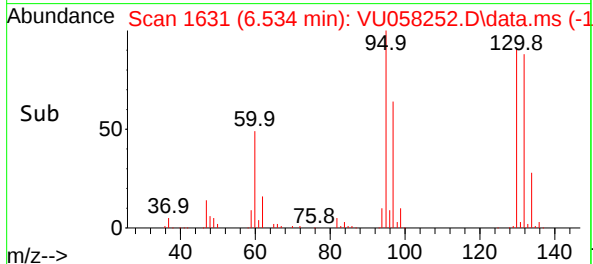
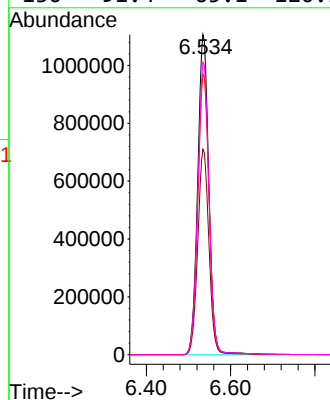
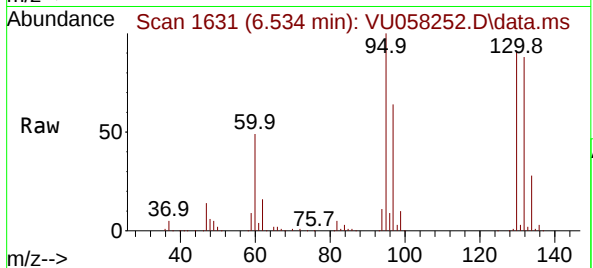


#34
Trichloroethene
Concen: 418.580 ug/L
RT: 6.534 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU058252.D
Acq: 28 Mar 2024 20:13

Instrument :
MSVOA_U
ClientSampleId :
DCOC6

Tgt Ion: 95 Resp: 2034116

Ion	Ratio	Lower	Upper
95	100		
97	64.2	47.7	88.7
132	87.5	63.6	118.2
130	91.4	65.1	120.9



#47
Tetrachloroethene
Concen: 355.185 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.003 min
Lab File: VU058252.D
Acq: 28 Mar 2024 20:13

Tgt Ion:164 Resp: 1156107

Ion	Ratio	Lower	Upper
164	100		
129	106.1	71.3	132.3
131	101.7	70.8	131.4
166	127.8	90.9	168.9

