

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032824\
 Data File : VU058243.D
 Acq On : 28 Mar 2024 16:41
 Operator : MD/SY
 Sample : P1902-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DCOB6

Quant Time: Mar 29 01:11:47 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)

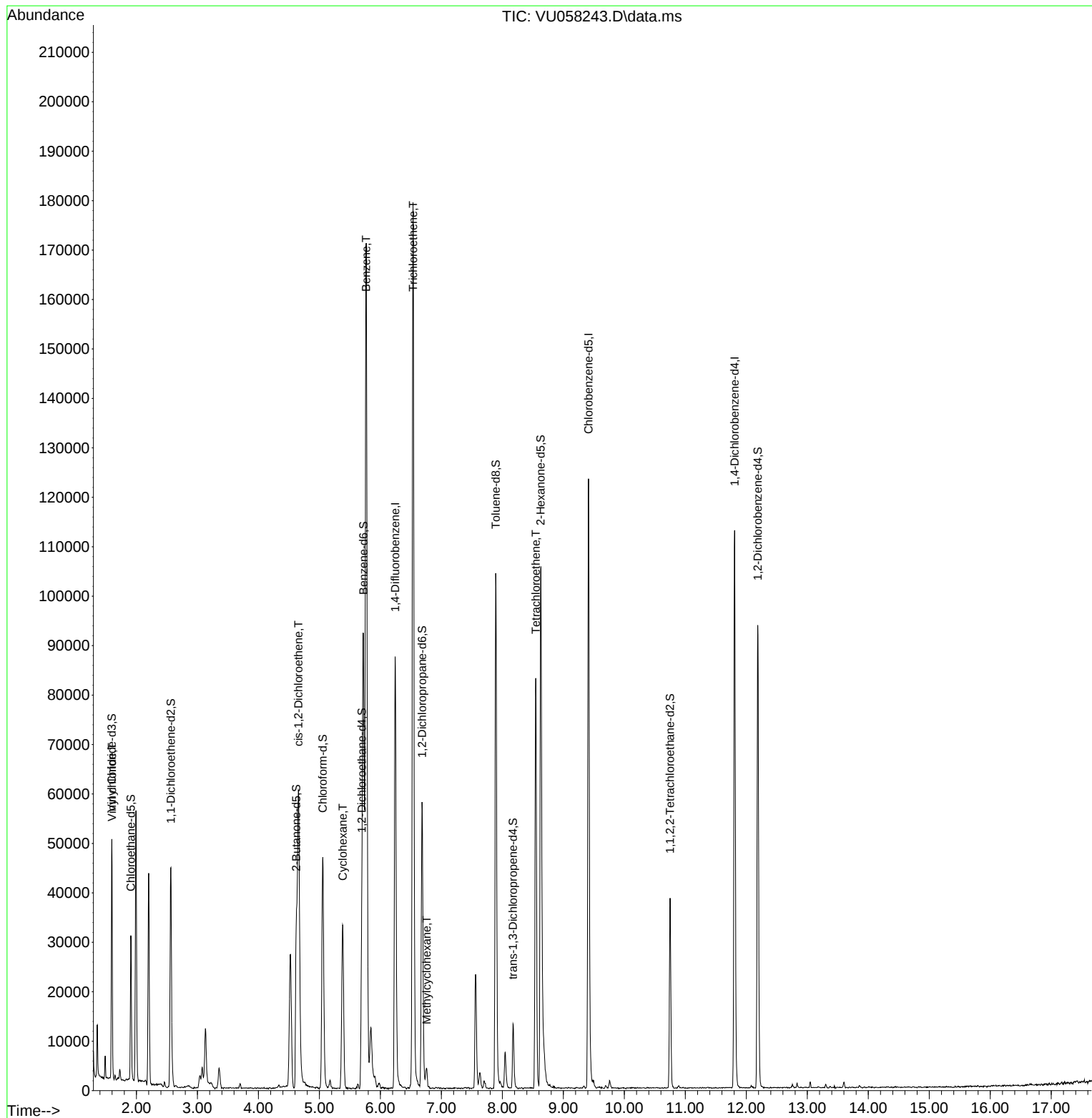
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	71813	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	67759	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	29586	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	20109	3.314	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.200%
7) Chloroethane-d5	1.907	69	19928	4.023	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.400%
11) 1,1-Dichloroethene-d2	2.563	65	8911	3.537	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.800%
20) 2-Butanone-d5	4.621	46	52465	48.663	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.320%
24) Chloroform-d	5.055	84	44493	4.101	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.000%
26) 1,2-Dichloroethane-d4	5.695	65	22554	4.446	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.000%
32) Benzene-d6	5.721	84	86834	3.946	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.000%
36) 1,2-Dichloropropane-d6	6.682	67	27916	4.304	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.000%
41) Toluene-d8	7.891	98	71515	3.668	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.400%
43) trans-1,3-Dichloroprop...	8.174	79	8256	3.972	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.400%
46) 2-Hexanone-d5	8.627	63	37936	45.072	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.140%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	19811	4.688	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	24852	4.511	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.200%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.599	62	2089	0.507	ug/L	87
22) cis-1,2-Dichloroethene	4.657	96	27759	5.971	ug/L	94
30) Cyclohexane	5.380	56	16108	2.632	ug/L	99
33) Benzene	5.766	78	163797	9.203	ug/L	100
34) Trichloroethene	6.534	95	61656	13.298	ug/L	97
35) Methylcyclohexane	6.759	83	1627	0.252	ug/L #	83
47) Tetrachloroethene	8.547	164	17510	5.638	ug/L	96

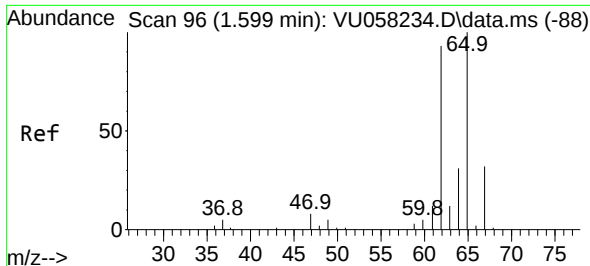
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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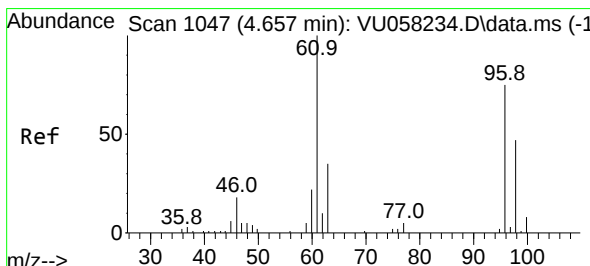
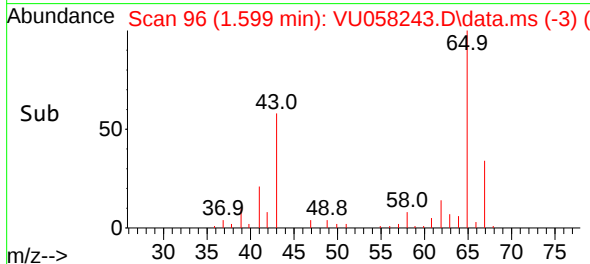
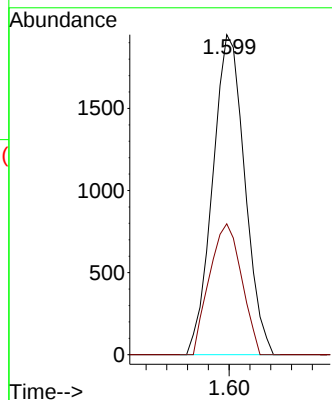
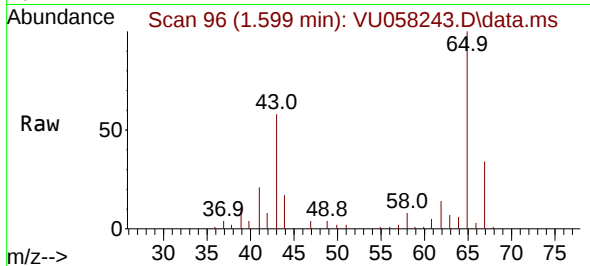




#5
Vinyl chloride
Concen: 0.507 ug/L
RT: 1.599 min Scan# 96
Delta R.T. 0.000 min
Lab File: VU058243.D
Acq: 28 Mar 2024 16:41

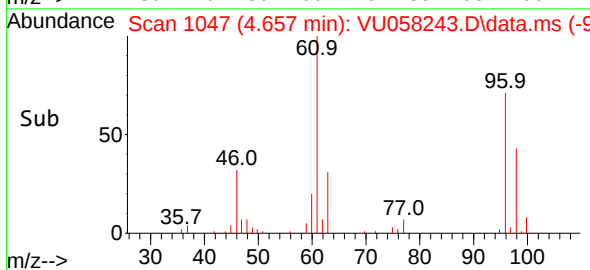
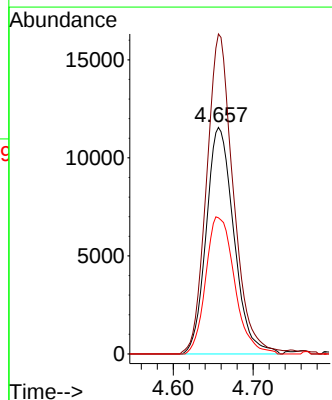
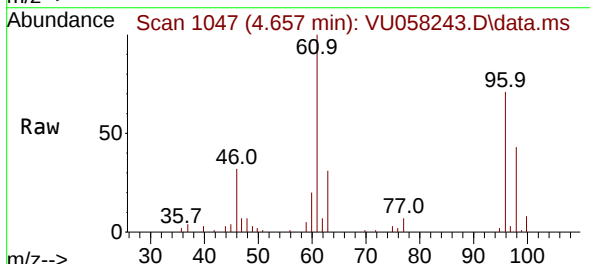
Instrument :
MSVOA_U
ClientSampleId :
DCOB6

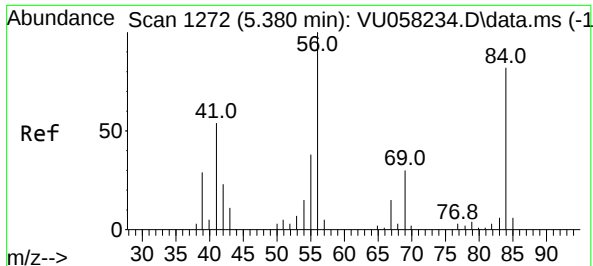
Tgt Ion: 62 Resp: 2089
Ion Ratio Lower Upper
62 100
64 40.9 23.4 43.6



#22
cis-1,2-Dichloroethene
Concen: 5.971 ug/L
RT: 4.657 min Scan# 1047
Delta R.T. 0.000 min
Lab File: VU058243.D
Acq: 28 Mar 2024 16:41

Tgt Ion: 96 Resp: 27759
Ion Ratio Lower Upper
96 100
61 141.2 92.8 172.4
98 60.1 43.2 80.2





#30

Cyclohexane

Concen: 2.632 ug/L

RT: 5.380 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU058243.D

Acq: 28 Mar 2024 16:41

Instrument :

MSVOA_U

ClientSampleId :

DCOB6

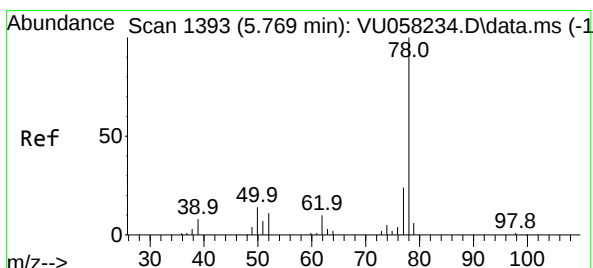
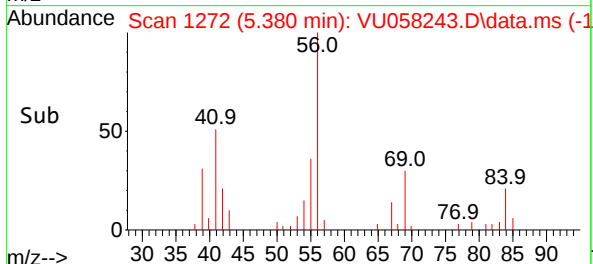
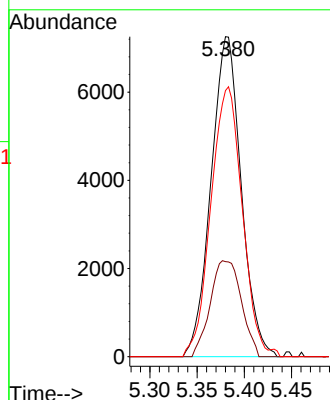
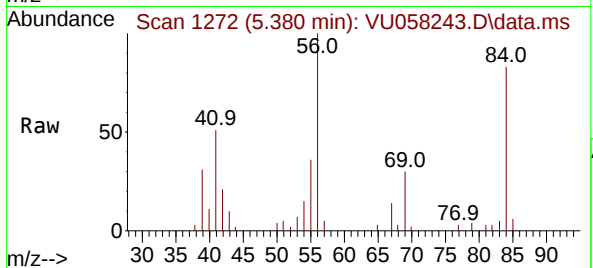
Tgt Ion: 56 Resp: 16108

Ion Ratio Lower Upper

56 100

69 30.8 24.2 36.2

84 87.7 69.7 104.5



#33

Benzene

Concen: 9.203 ug/L

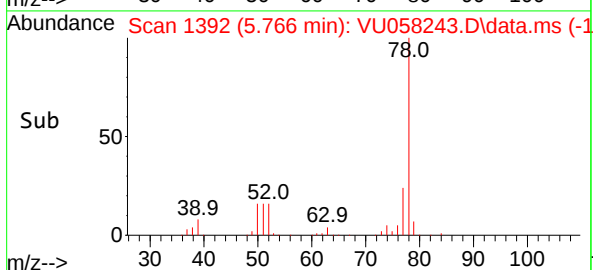
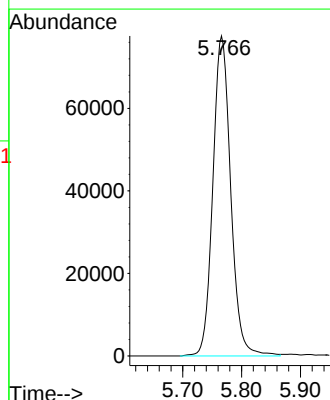
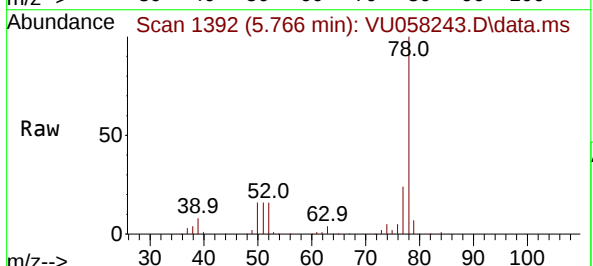
RT: 5.766 min Scan# 1392

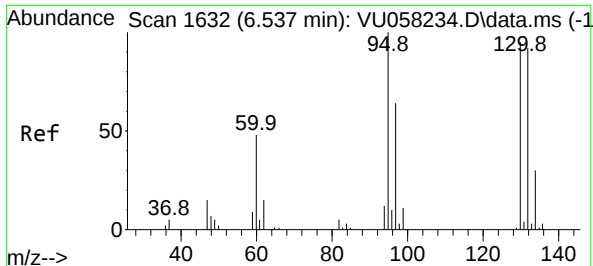
Delta R.T. -0.003 min

Lab File: VU058243.D

Acq: 28 Mar 2024 16:41

Tgt Ion: 78 Resp: 163797





#34

Trichloroethene

Concen: 13.298 ug/L

RT: 6.534 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU058243.D

Acq: 28 Mar 2024 16:41

Instrument :

MSVOA_U

ClientSampleId :

DCOB6

Tgt Ion: 95 Resp: 61656

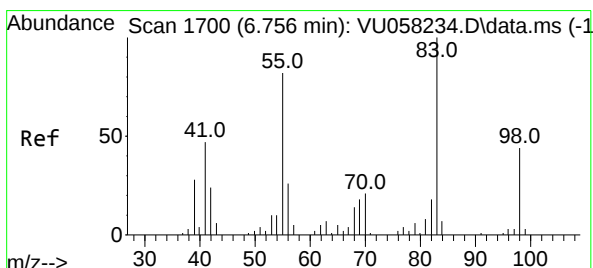
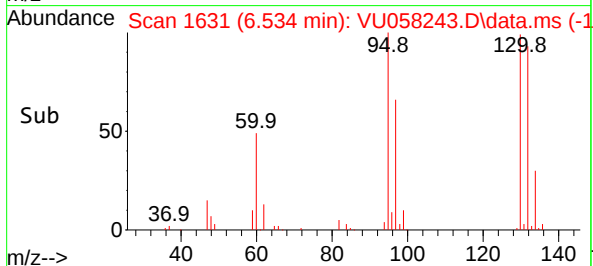
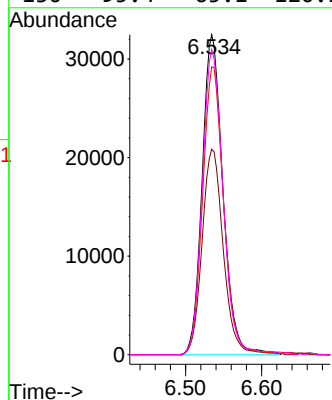
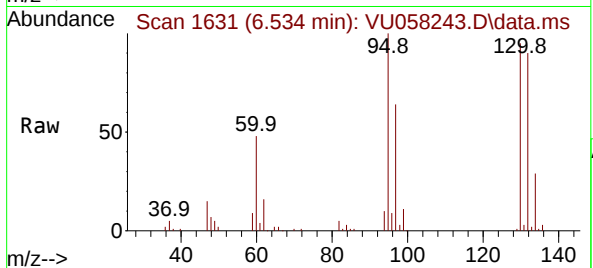
Ion Ratio Lower Upper

95 100

97 64.2 47.7 88.7

132 90.0 63.6 118.2

130 95.4 65.1 120.9



#35

Methylcyclohexane

Concen: 0.252 ug/L

RT: 6.759 min Scan# 1701

Delta R.T. 0.003 min

Lab File: VU058243.D

Acq: 28 Mar 2024 16:41

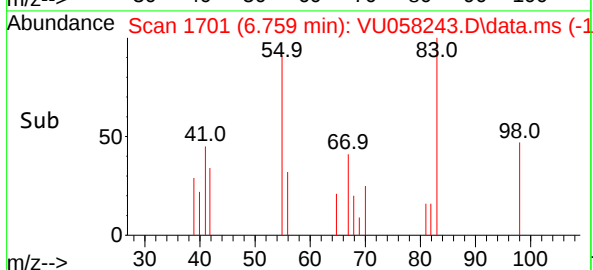
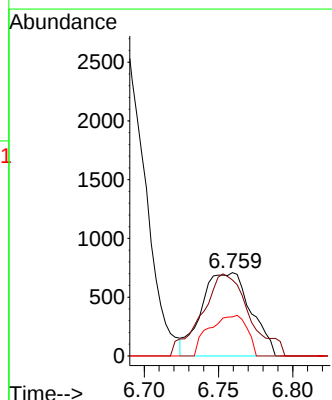
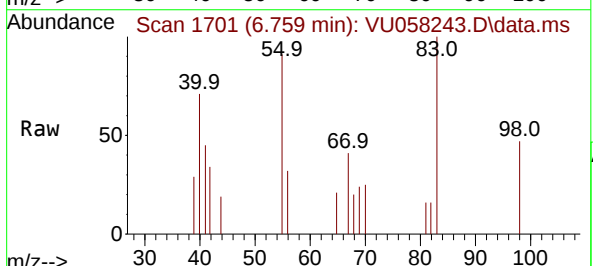
Tgt Ion: 83 Resp: 1627

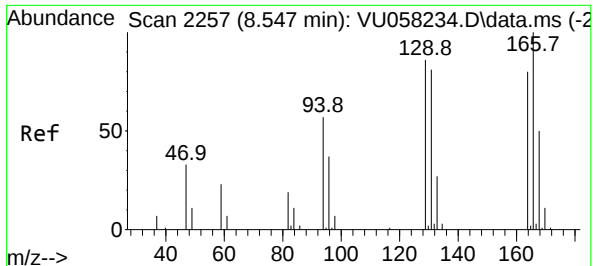
Ion Ratio Lower Upper

83 100

55 95.4 62.7 94.1#

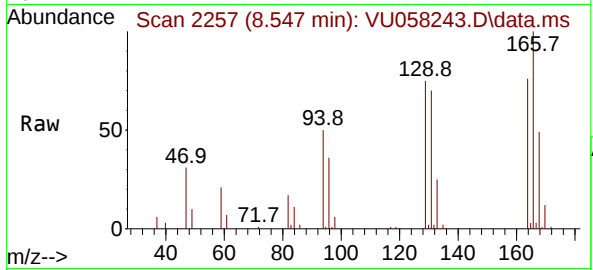
98 37.7 37.3 55.9





#47
 Tetrachloroethene
 Concen: 5.638 ug/L
 RT: 8.547 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU058243.D
 Acq: 28 Mar 2024 16:41

Instrument :
 MSVOA_U
 ClientSampleId :
 DCOB6



Tgt Ion:	164	Resp:	17510
Ion	Ratio	Lower	Upper
164	100		
129	98.6	71.3	132.3
131	91.9	70.8	131.4
166	130.8	90.9	168.9

