

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040524\
 Data File : VU058451.D
 Acq On : 06 Apr 2024 04:06
 Operator : MD/SY
 Sample : P1948-17
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AK8

Quant Time: Apr 06 06:02:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 06 00:37:11 2024
 Response via : Initial Calibration

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

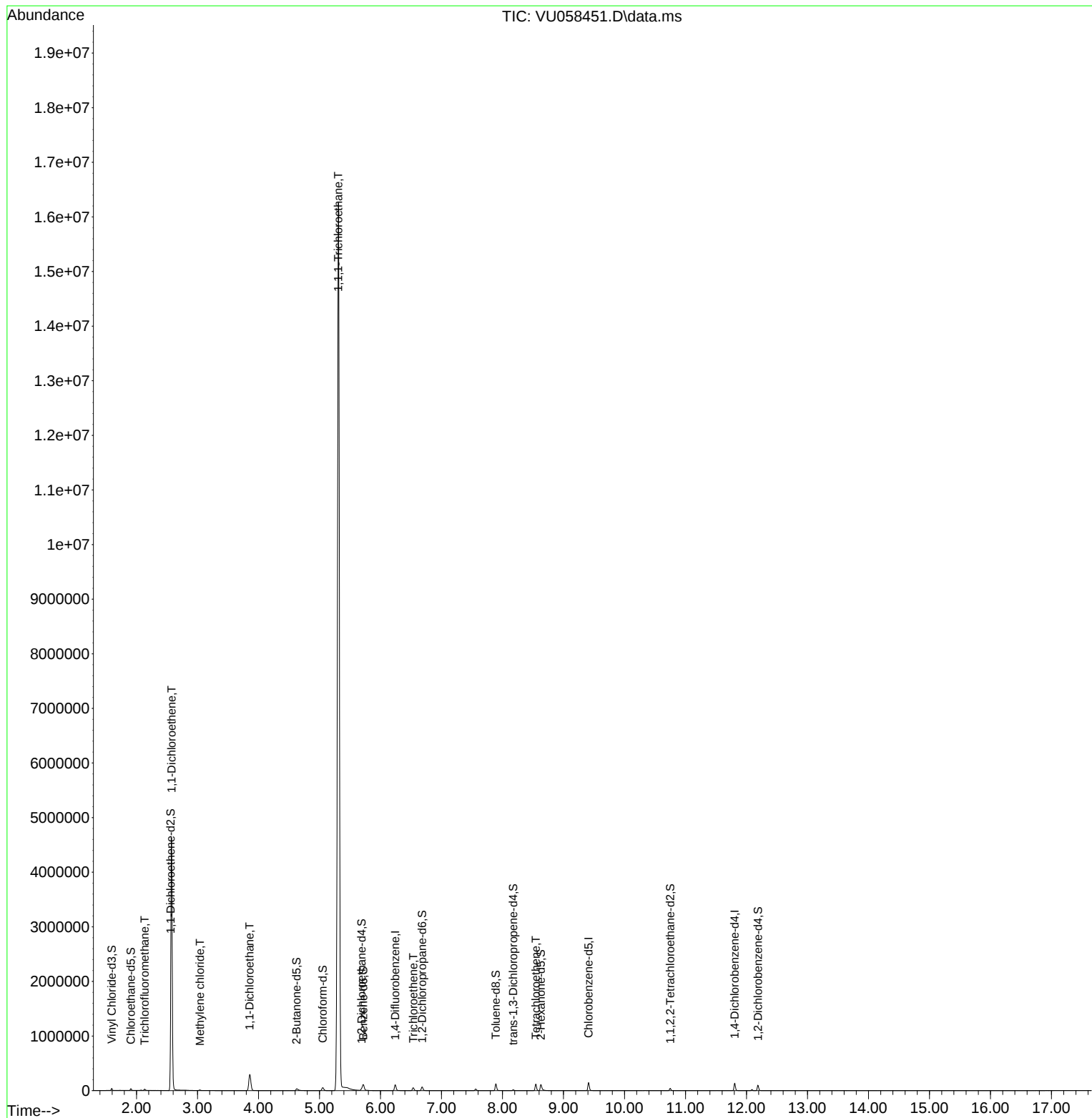
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	83868	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	79429	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	34095	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	23064	4.154	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.000%
7) Chloroethane-d5	1.907	69	20324	4.212	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.200%
11) 1,1-Dichloroethene-d2	2.560	65	11826	4.706	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.200%
20) 2-Butanone-d5	4.624	46	55829	47.711	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.420%
24) Chloroform-d	5.052	84	50305	4.538	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
26) 1,2-Dichloroethane-d4	5.692	65	24008	4.641	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
32) Benzene-d6	5.718	84	99354	4.646	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
36) 1,2-Dichloropropane-d6	6.682	67	32498	4.846	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.000%
41) Toluene-d8	7.891	98	80999	4.271	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.400%
43) trans-1,3-Dichloroprop...	8.177	79	9352	4.493	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.800%
46) 2-Hexanone-d5	8.627	63	39503	46.008	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.020%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	20883	4.411	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	25631	4.463	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.200%
Target Compounds						
					Qvalue	
9) Trichlorofluoromethane	2.136	101	13823	1.225	ug/L	99
12) 1,1-Dichloroethene	2.573	96	1439222	242.142	ug/L #	77
16) Methylene chloride	3.039	84	4572	0.580	ug/L	92
19) 1,1-Dichloroethane	3.856	63	347545	25.561	ug/L	98
29) 1,1,1-Trichloroethane	5.309	97	11203140	1052.006	ug/L	98
34) Trichloroethene	6.537	95	18744	2.583	ug/L	95
47) Tetrachloroethene	8.547	164	24806	4.662	ug/L	96

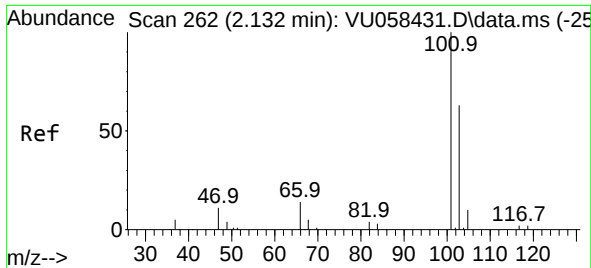
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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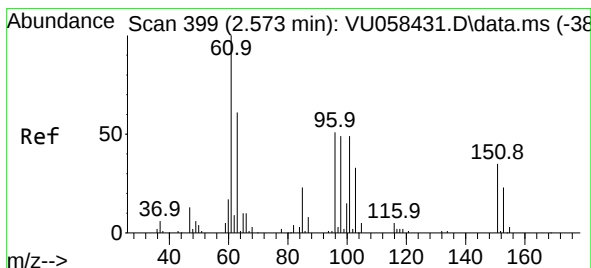
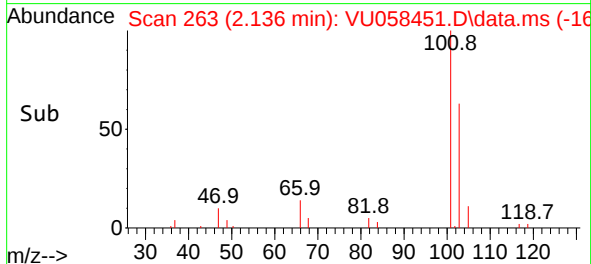
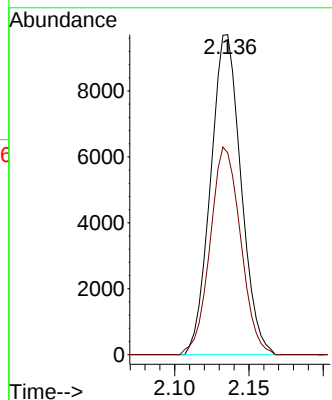
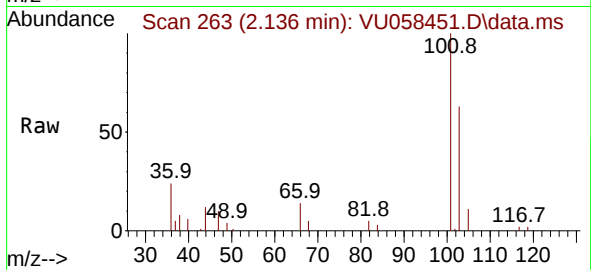




#9
 Trichlorofluoromethane
 Concen: 1.225 ug/L
 RT: 2.136 min Scan# 210
 Delta R.T. 0.003 min
 Lab File: VU058451.D
 Acq: 06 Apr 2024 04:06

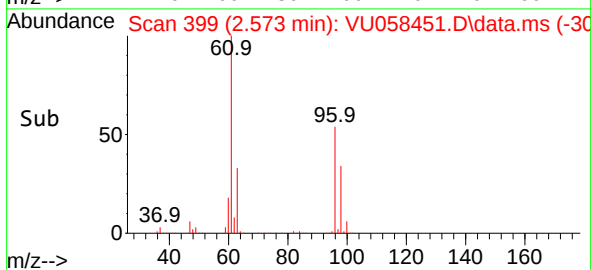
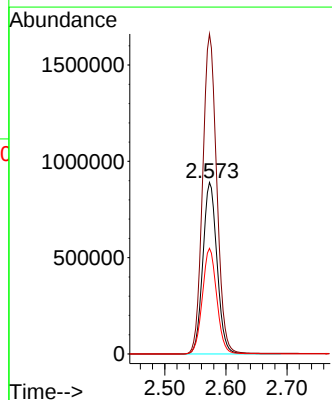
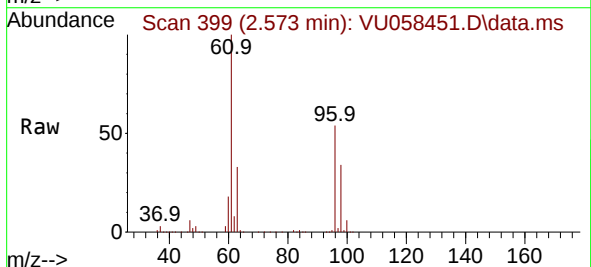
Instrument :
 MSVOA_U
 ClientSampleId :
 C0AK8

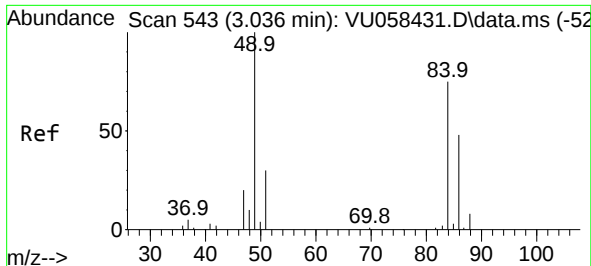
Tgt Ion:101 Resp: 13823
 Ion Ratio Lower Upper
 101 100
 103 65.0 51.2 76.8



#12
 1,1-Dichloroethene
 Concen: 242.142 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU058451.D
 Acq: 06 Apr 2024 04:06

Tgt Ion: 96 Resp: 1439222
 Ion Ratio Lower Upper
 96 100
 61 186.6 132.5 246.1
 63 61.5 87.7 162.9#

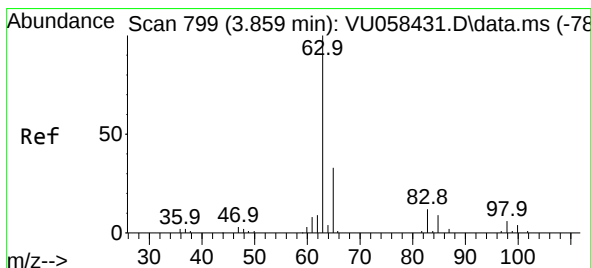
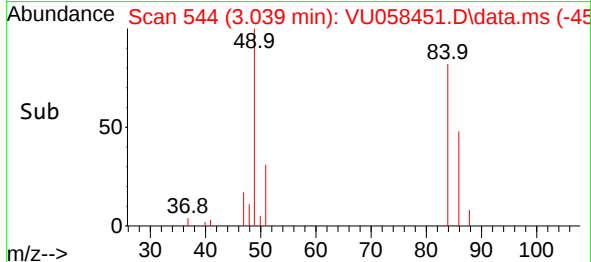
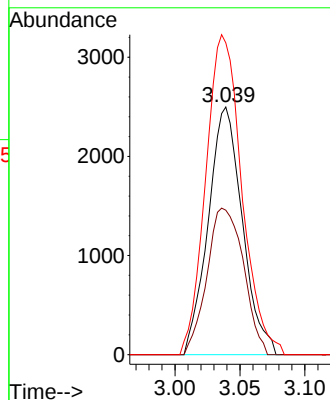
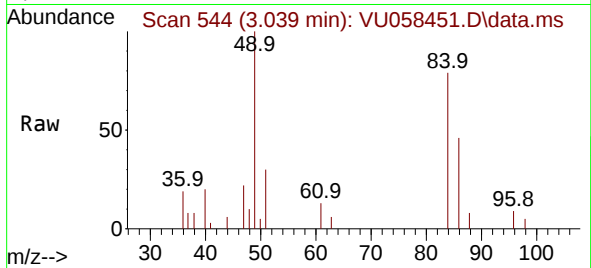




#16
Methylene chloride
Concen: 0.580 ug/L
RT: 3.039 min Scan# 54
Delta R.T. 0.003 min
Lab File: VU058451.D
Acq: 06 Apr 2024 04:06

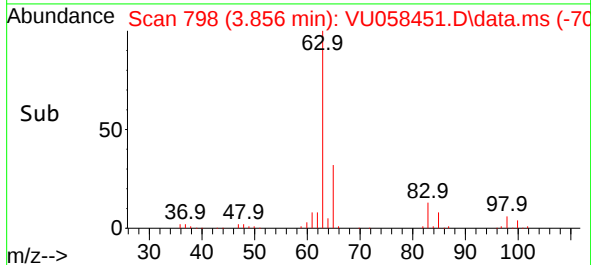
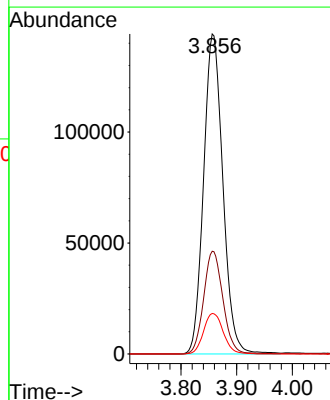
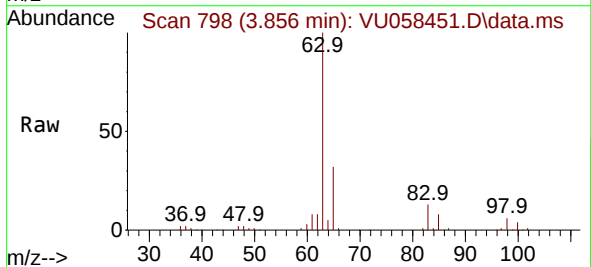
Instrument :
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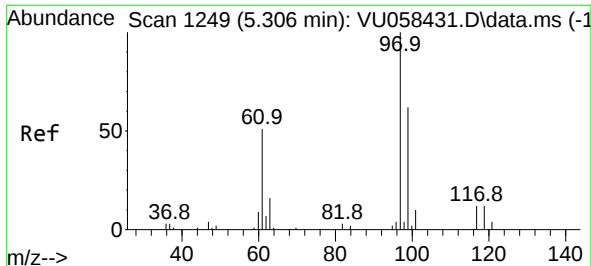
Tgt Ion: 84 Resp: 4572
Ion Ratio Lower Upper
84 100
86 58.3 44.3 82.3
49 125.9 96.0 178.2



#19
1,1-Dichloroethane
Concen: 25.561 ug/L
RT: 3.856 min Scan# 798
Delta R.T. -0.003 min
Lab File: VU058451.D
Acq: 06 Apr 2024 04:06

Tgt Ion: 63 Resp: 347545
Ion Ratio Lower Upper
63 100
65 32.1 22.9 42.5
83 12.7 9.6 17.8

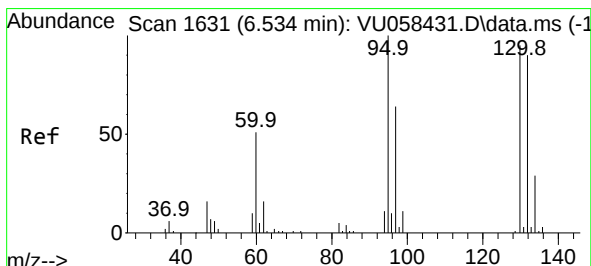
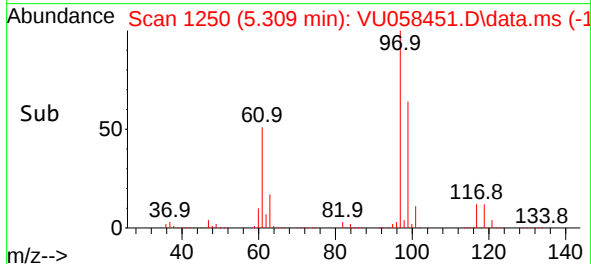
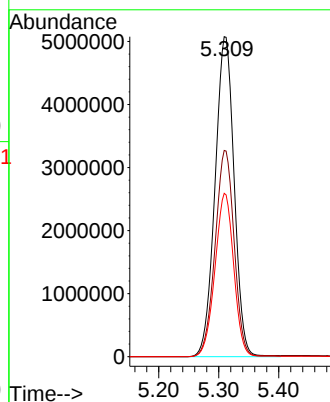
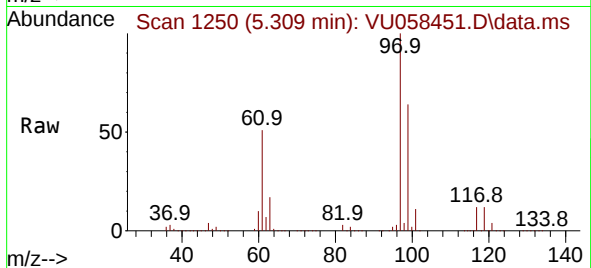




#29
1,1,1-Trichloroethane
Concen: 1052.006 ug/L
RT: 5.309 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU058451.D
Acq: 06 Apr 2024 04:06

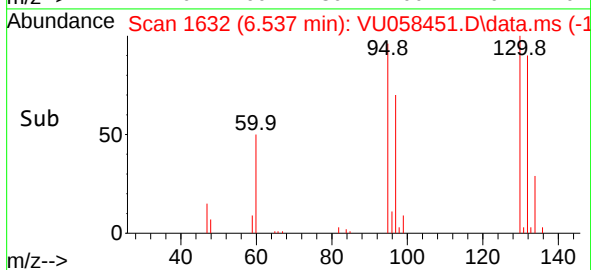
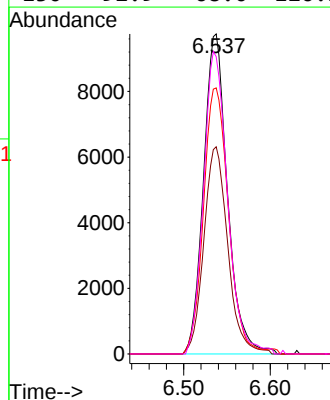
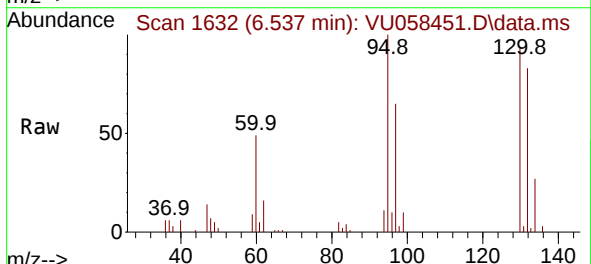
Instrument :
MSVOA_U
ClientSampleId :
C0AK8

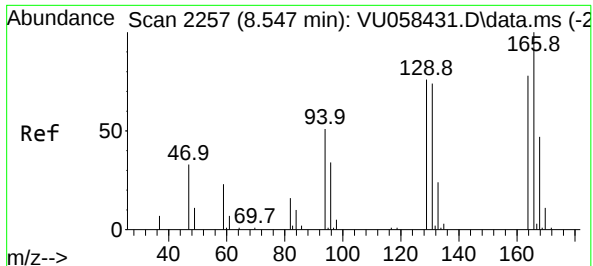
Tgt Ion: 97 Resp:11203140
Ion Ratio Lower Upper
97 100
99 64.4 50.4 75.6
61 50.2 39.4 59.0



#34
Trichloroethene
Concen: 2.583 ug/L
RT: 6.537 min Scan# 1632
Delta R.T. 0.003 min
Lab File: VU058451.D
Acq: 06 Apr 2024 04:06

Tgt Ion: 95 Resp: 18744
Ion Ratio Lower Upper
95 100
97 64.7 45.6 84.6
132 83.2 64.8 120.3
130 92.9 68.0 126.2





#47

Tetrachloroethene

Concen: 4.662 ug/L

RT: 8.547 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU058451.D

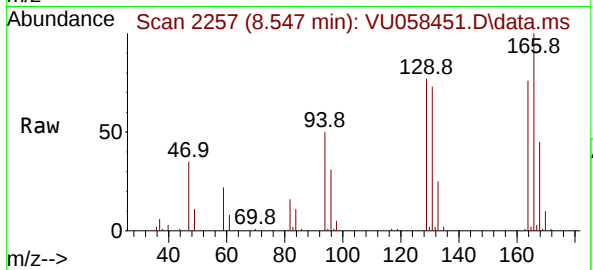
Acq: 06 Apr 2024 04:06

Instrument :

MSVOA_U

ClientSampleId :

C0AK8



Tgt Ion:164 Resp: 24806

Ion Ratio Lower Upper

164 100

129 101.1 67.3 125.1

131 96.1 65.5 121.6

166 131.5 89.5 166.1

