

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031324\
 Data File : VU058087.D
 Acq On : 13 Mar 2024 17:31
 Operator : MD/SY
 Sample : P1729-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AH9

Quant Time: Mar 14 04:41:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR022924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 14 04:37:22 2024
 Response via : Initial Calibration

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

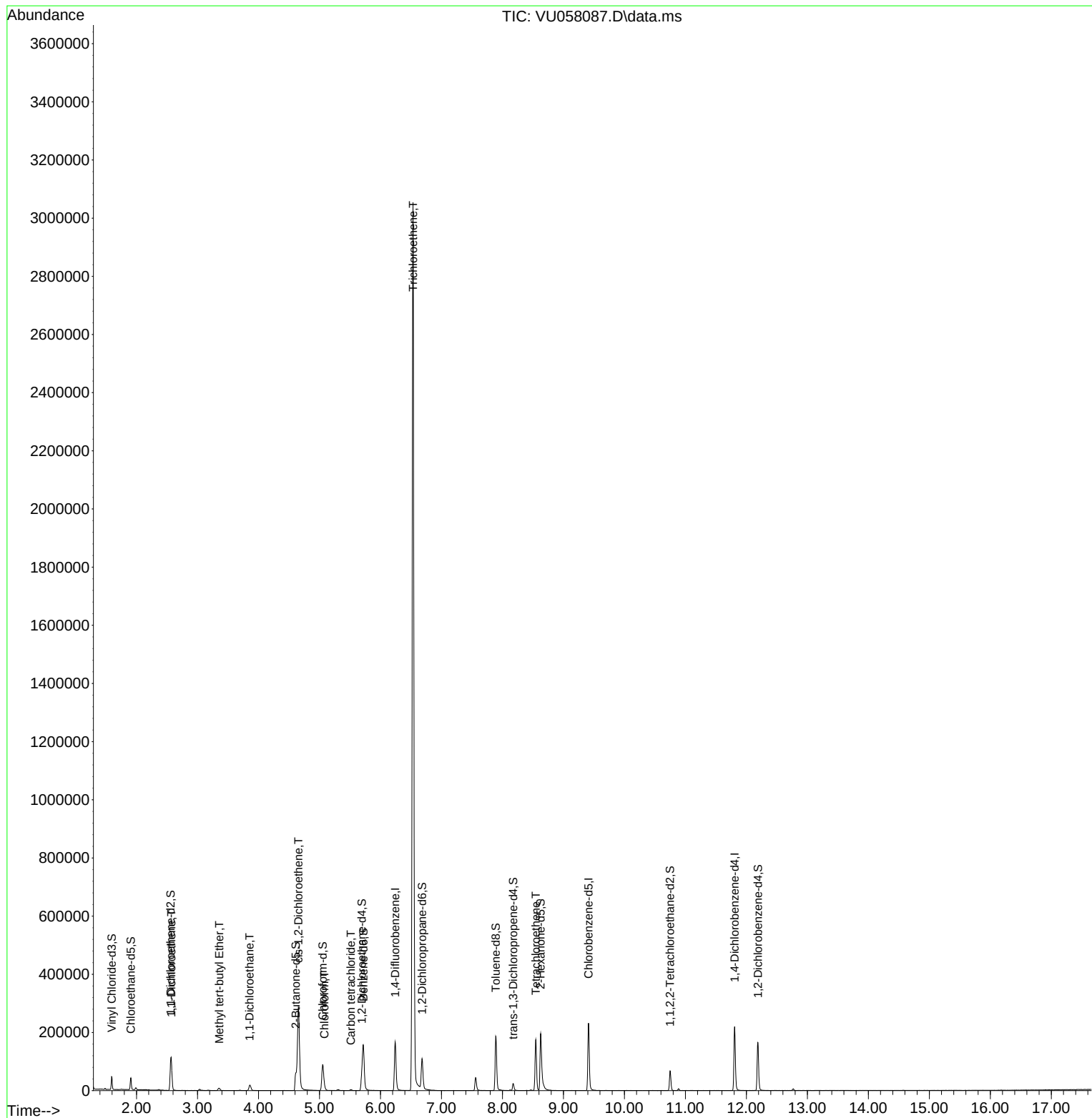
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	135833	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	131276	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	59688	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	27830	2.848	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	57.000%
7) Chloroethane-d5	1.907	69	29171	3.632	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.600%
11) 1,1-Dichloroethene-d2	2.560	65	13732	3.247	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.000%
20) 2-Butanone-d5	4.612	46	91175	56.621	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.240%
24) Chloroform-d	5.052	84	80817	4.372	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
26) 1,2-Dichloroethane-d4	5.695	65	39962	4.772	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.400%
32) Benzene-d6	5.721	84	151012	3.947	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.000%
36) 1,2-Dichloropropane-d6	6.682	67	51096	4.393	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.800%
41) Toluene-d8	7.891	98	129031	3.722	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.400%
43) trans-1,3-Dichloroprop...	8.177	79	14826	3.707	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.200%
46) 2-Hexanone-d5	8.627	63	73706	54.891	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.780%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	35670	5.002	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	45205	4.599	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.000%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.573	96	20713	2.527	ug/L	93
17) Methyl tert-butyl Ether	3.358	73	7055	0.364	ug/L #	91
19) 1,1-Dichloroethane	3.856	63	23368	1.312	ug/L	97
22) cis-1,2-Dichloroethene	4.657	96	148748	15.147	ug/L	97
25) Chloroform	5.081	83	8331	0.458	ug/L	97
31) Carbon tetrachloride	5.515	117	2118	0.156	ug/L	98
34) Trichloroethene	6.534	95	1066663	100.637	ug/L	98
47) Tetrachloroethene	8.547	164	37211	5.060	ug/L	98

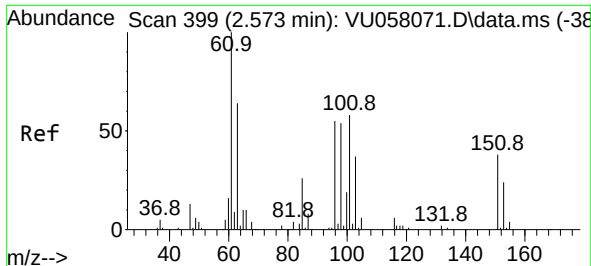
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 2.527 ug/L

RT: 2.573 min Scan# 399

Delta R.T. 0.000 min

Lab File: VU058087.D

Acq: 13 Mar 2024 17:31

Instrument :

MSVOA_U

ClientSampleId :

C0AH9

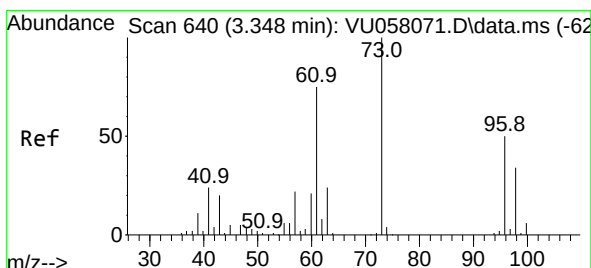
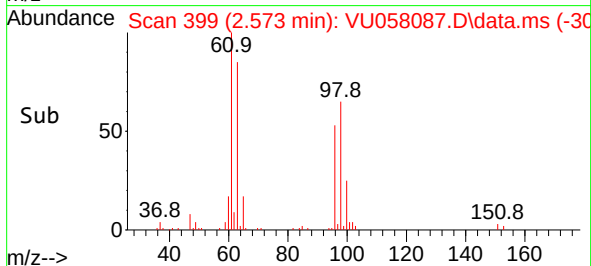
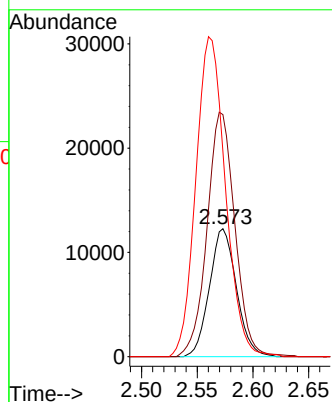
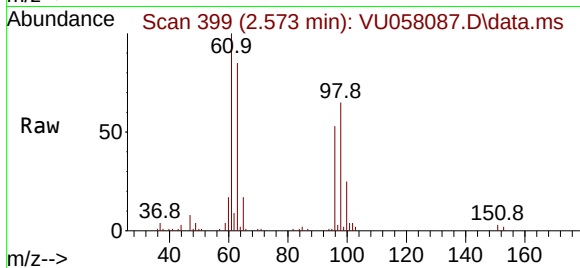
Tgt Ion: 96 Resp: 20713

Ion Ratio Lower Upper

96 100

61 189.0 131.8 244.8

63 160.2 98.1 182.1



#17

Methyl tert-butyl Ether

Concen: 0.364 ug/L

RT: 3.358 min Scan# 643

Delta R.T. 0.010 min

Lab File: VU058087.D

Acq: 13 Mar 2024 17:31

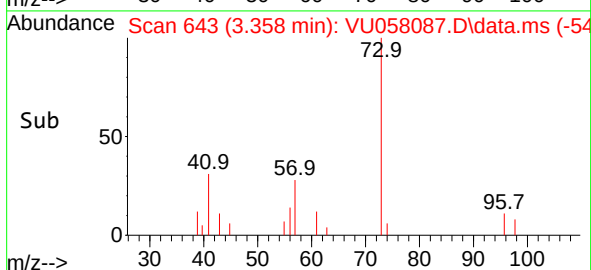
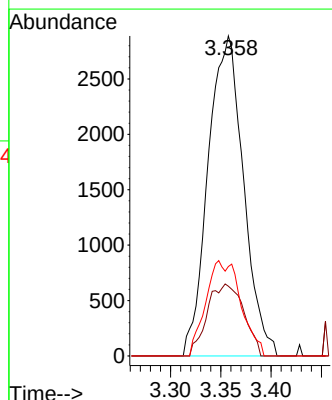
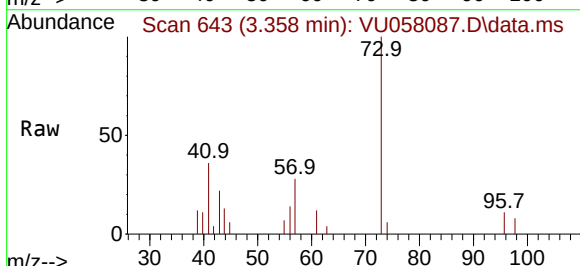
Tgt Ion: 73 Resp: 7055

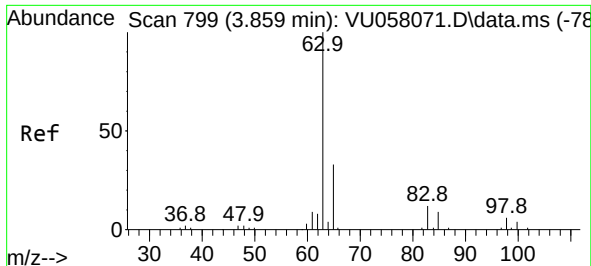
Ion Ratio Lower Upper

73 100

43 23.1 16.2 24.4

57 16.7 17.9 26.9#





#19

1,1-Dichloroethane

Concen: 1.312 ug/L

RT: 3.856 min Scan# 799

Delta R.T. -0.003 min

Lab File: VU058087.D

Acq: 13 Mar 2024 17:31

Instrument :

MSVOA_U

ClientSampleId :

C0AH9

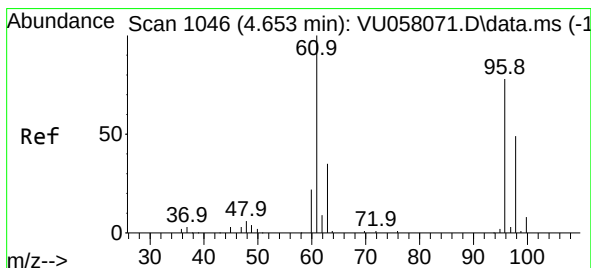
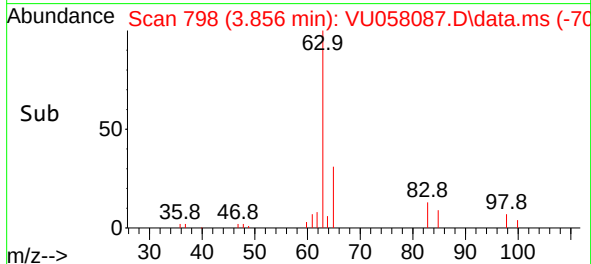
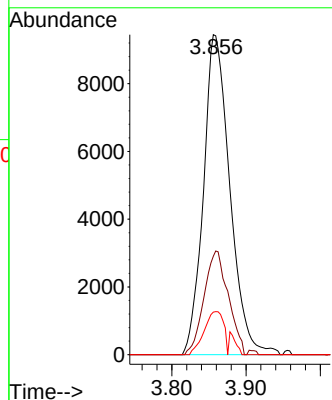
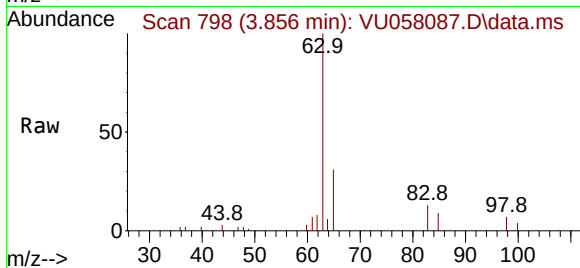
Tgt Ion: 63 Resp: 23368

Ion Ratio Lower Upper

63 100

65 29.1 22.1 41.1

83 12.6 9.0 16.6



#22

cis-1,2-Dichloroethene

Concen: 15.147 ug/L

RT: 4.657 min Scan# 1047

Delta R.T. 0.003 min

Lab File: VU058087.D

Acq: 13 Mar 2024 17:31

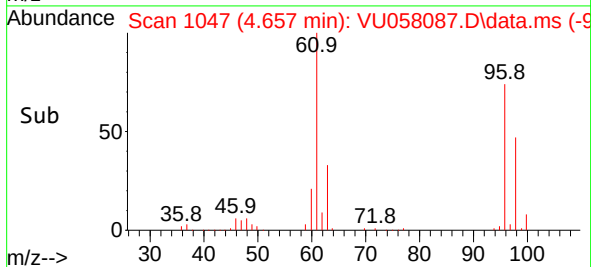
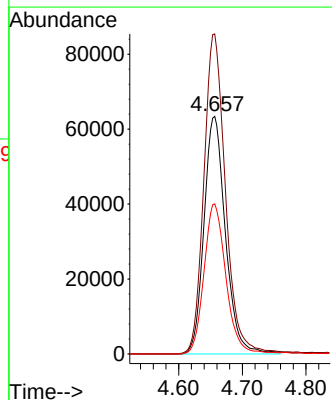
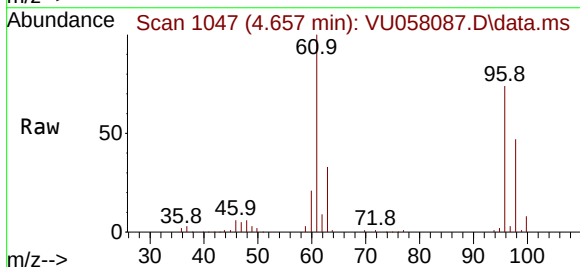
Tgt Ion: 96 Resp: 148748

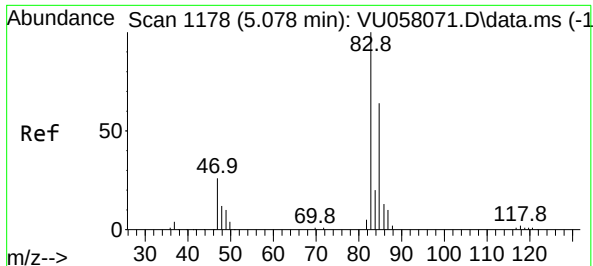
Ion Ratio Lower Upper

96 100

61 134.6 97.2 180.4

98 63.1 45.5 84.5





#25

Chloroform

Concen: 0.458 ug/L

RT: 5.081 min Scan# 1178

Delta R.T. 0.003 min

Lab File: VU058087.D

Acq: 13 Mar 2024 17:31

Instrument :

MSVOA_U

ClientSampleId :

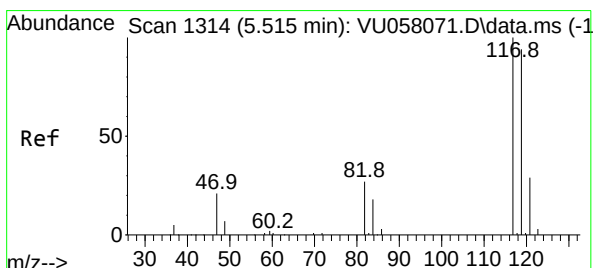
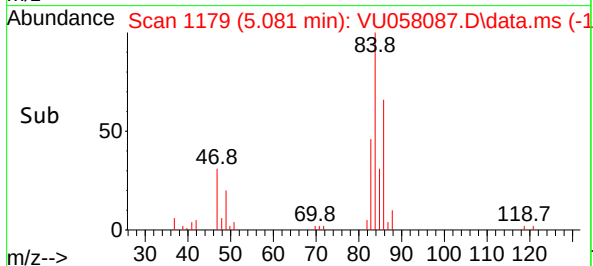
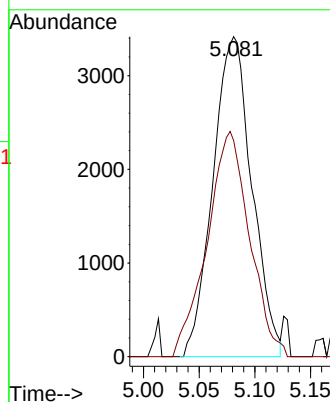
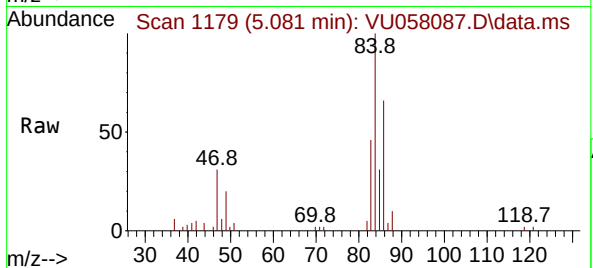
C0AH9

Tgt Ion: 83 Resp: 8331

Ion Ratio Lower Upper

83 100

85 67.6 45.4 84.4



#31

Carbon tetrachloride

Concen: 0.156 ug/L

RT: 5.515 min Scan# 1314

Delta R.T. 0.000 min

Lab File: VU058087.D

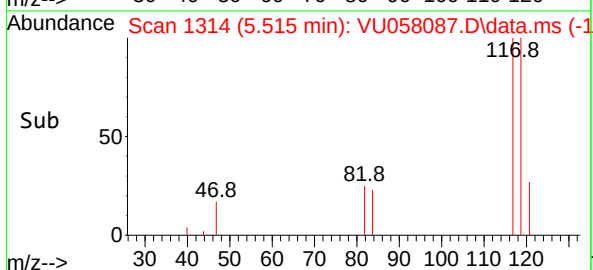
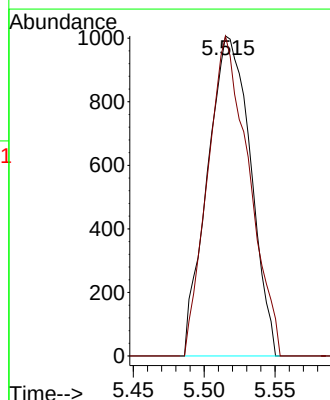
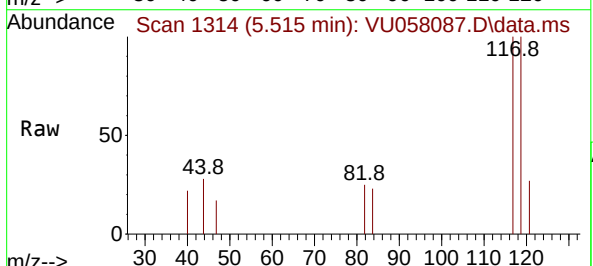
Acq: 13 Mar 2024 17:31

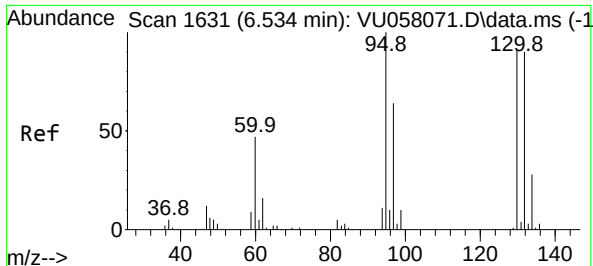
Tgt Ion: 117 Resp: 2118

Ion Ratio Lower Upper

117 100

119 96.4 75.8 113.8



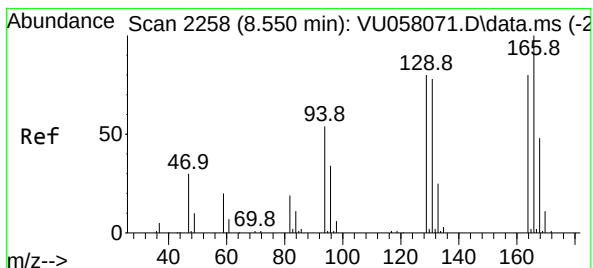
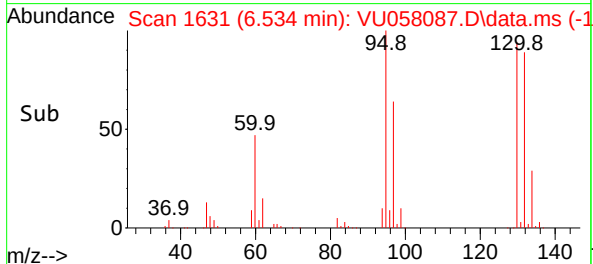
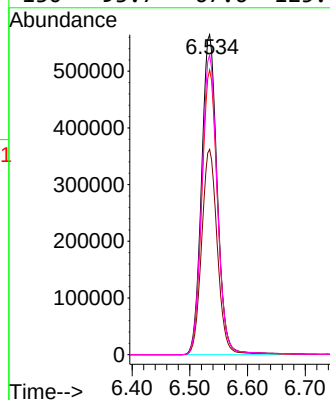
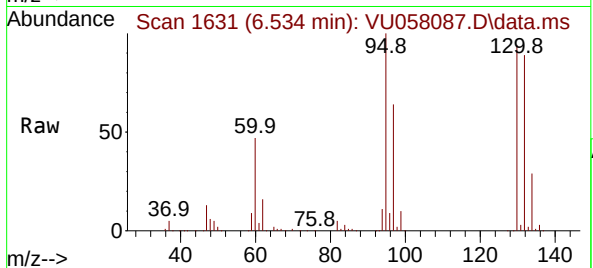


#34
Trichloroethene
Concen: 100.637 ug/L
RT: 6.534 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU058087.D
Acq: 13 Mar 2024 17:31

Instrument :
MSVOA_U
ClientSampleId :
C0AH9

Tgt Ion: 95 Resp: 1066663

Ion	Ratio	Lower	Upper
95	100		
97	64.1	45.3	84.1
132	89.0	63.1	117.1
130	93.7	67.6	125.6



#47
Tetrachloroethene
Concen: 5.060 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.003 min
Lab File: VU058087.D
Acq: 13 Mar 2024 17:31

Tgt Ion: 164 Resp: 37211

Ion	Ratio	Lower	Upper
164	100		
129	98.7	69.3	128.7
131	96.7	69.9	129.9
166	126.3	90.1	167.3

