

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032724\
 Data File : VU058227.D
 Acq On : 27 Mar 2024 14:25
 Operator : MD/SY
 Sample : P1866-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COAL3

Quant Time: Mar 28 04:47:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 28 04:46:03 2024
 Response via : Initial Calibration

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

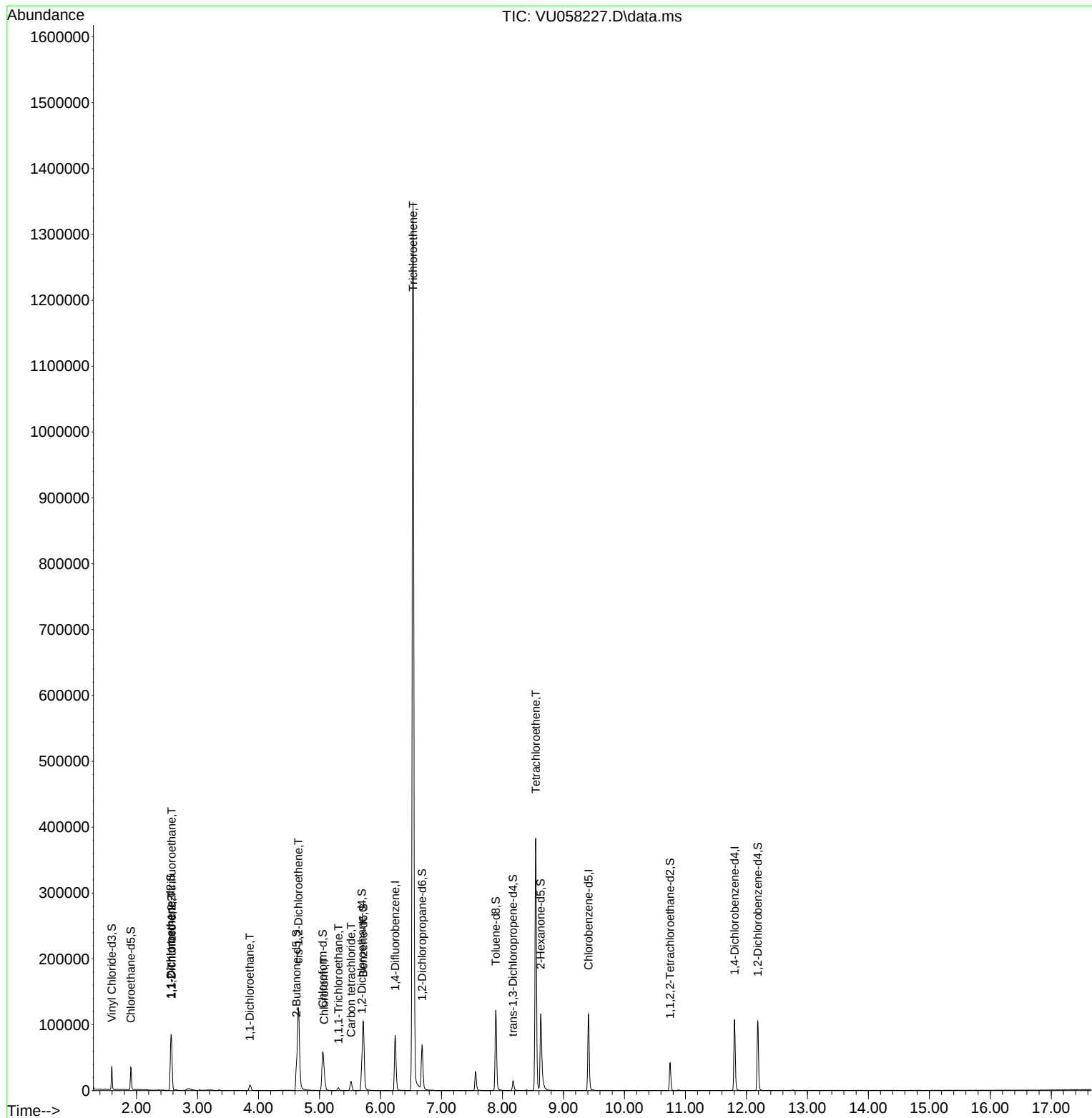
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	66969	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	64605	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	29219	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	23550	4.161	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	83.200%	
7) Chloroethane-d5	1.907	69	23123	5.006	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	100.200%	
11) 1,1-Dichloroethene-d2	2.560	65	10027	4.267	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	85.400%	
20) 2-Butanone-d5	4.624	46	56491	56.187	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	112.380%	
24) Chloroform-d	5.052	84	50479	4.989	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.800%	
26) 1,2-Dichloroethane-d4	5.695	65	24597	5.200	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	104.000%	
32) Benzene-d6	5.718	84	99147	4.725	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.400%	
36) 1,2-Dichloropropane-d6	6.682	67	31723	5.129	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	102.600%	
41) Toluene-d8	7.891	98	84715	4.557	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.200%	
43) trans-1,3-Dichloroprop...	8.174	79	9569	4.829	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	96.600%	
46) 2-Hexanone-d5	8.627	63	41674	51.931	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	103.860%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	21560	5.351	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	107.000%	
66) 1,2-Dichlorobenzene-d4	12.187	152	28254	5.193	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	103.800%	
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	6916	1.727	ug/L	96
12) 1,1-Dichloroethene	2.576	96	11548	3.440	ug/L	99
19) 1,1-Dichloroethane	3.859	63	10763	1.365	ug/L	94
22) cis-1,2-Dichloroethene	4.657	96	59982	13.835	ug/L	97
25) Chloroform	5.078	83	16632	2.012	ug/L	97
29) 1,1,1-Trichloroethane	5.312	97	3428	0.513	ug/L	96
31) Carbon tetrachloride	5.518	117	10065	1.770	ug/L	95
34) Trichloroethene	6.534	95	457949	103.593	ug/L	98
47) Tetrachloroethene	8.547	164	79431	26.826	ug/L	97

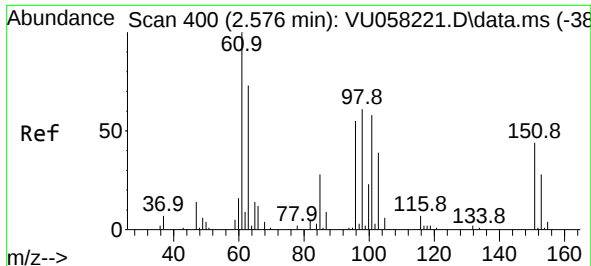
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032724\
Data File : VU058227.D
Acq On : 27 Mar 2024 14:25
Operator : MD/SY
Sample : P1866-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
COAL3

Quant Time: Mar 28 04:47:47 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032124WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Mar 28 04:46:03 2024
Response via : Initial Calibration

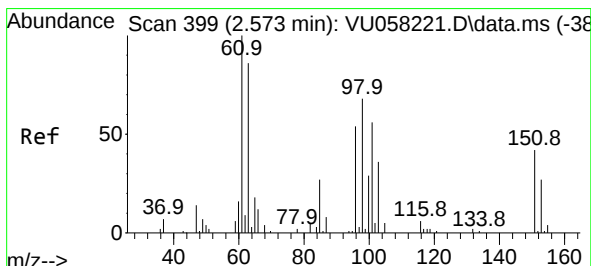
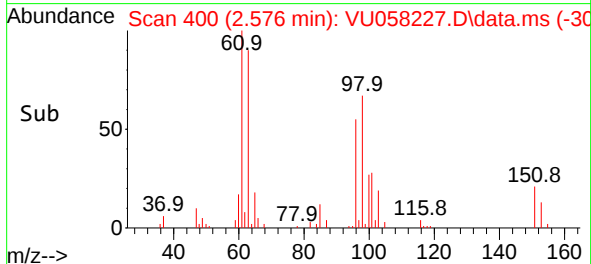
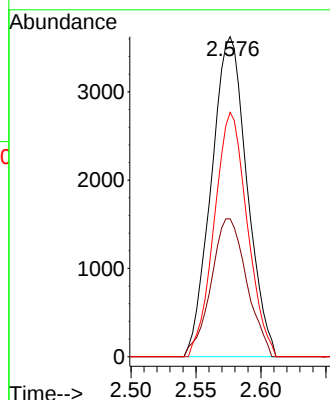
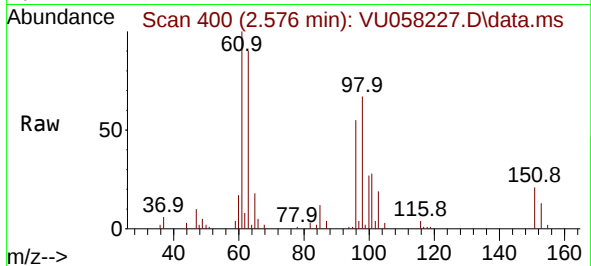




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.727 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU058227.D
Acq: 27 Mar 2024 14:25

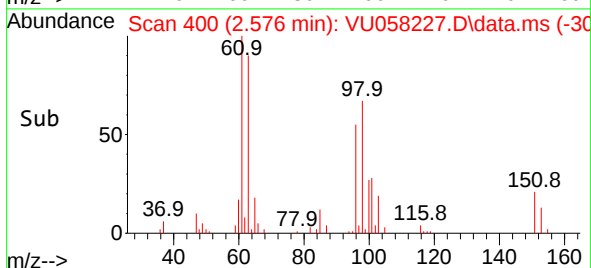
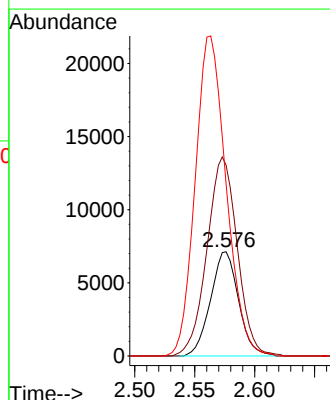
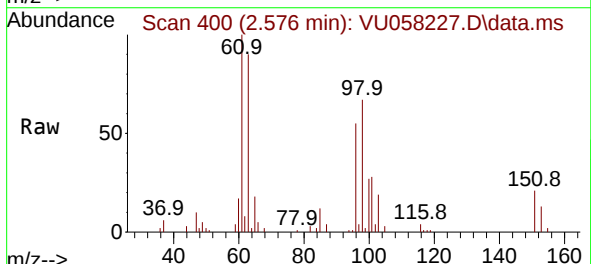
Instrument :
MSVOA_U
ClientSampleId :
COAL3

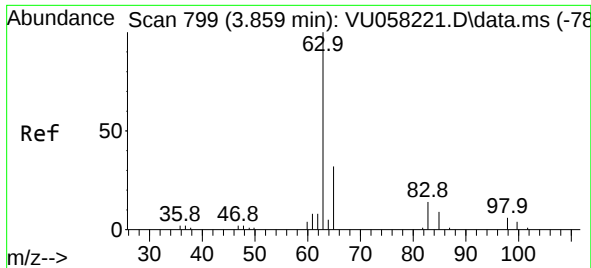
Tgt Ion:101 Resp: 6916
Ion Ratio Lower Upper
101 100
85 43.0 37.9 56.9
151 70.8 55.3 82.9



#12
1,1-Dichloroethene
Concen: 3.440 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU058227.D
Acq: 27 Mar 2024 14:25

Tgt Ion: 96 Resp: 11548
Ion Ratio Lower Upper
96 100
61 183.0 128.1 237.9
63 164.5 116.8 217.0





#19

1,1-Dichloroethane

Concen: 1.365 ug/L

RT: 3.859 min Scan# 799

Delta R.T. 0.000 min

Lab File: VU058227.D

Acq: 27 Mar 2024 14:25

Instrument :

MSVOA_U

ClientSampleId :

COAL3

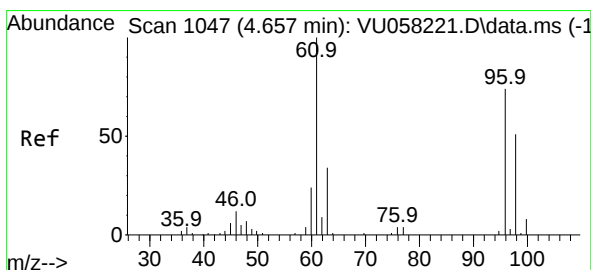
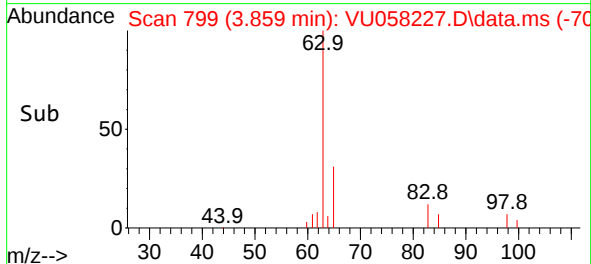
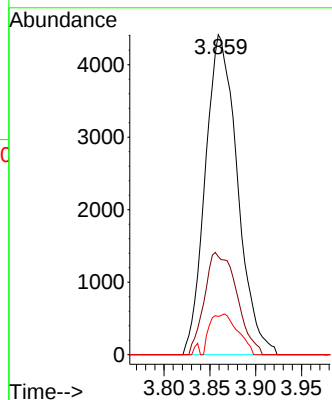
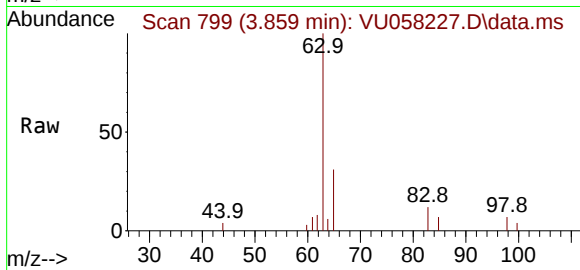
Tgt Ion: 63 Resp: 10763

Ion Ratio Lower Upper

63 100

65 29.0 22.3 41.5

83 11.3 10.0 18.6



#22

cis-1,2-Dichloroethene

Concen: 13.835 ug/L

RT: 4.657 min Scan# 1047

Delta R.T. 0.000 min

Lab File: VU058227.D

Acq: 27 Mar 2024 14:25

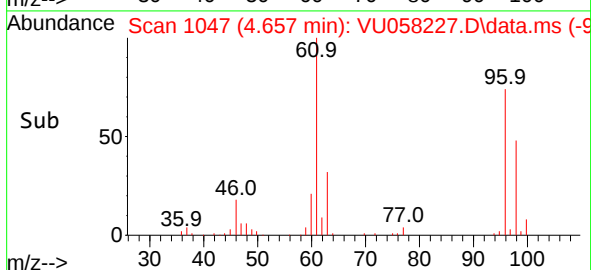
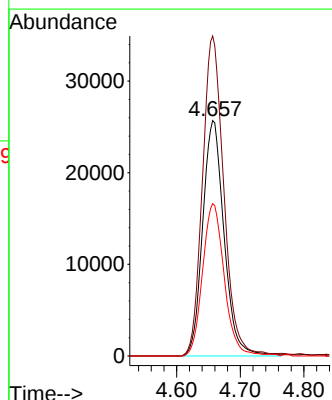
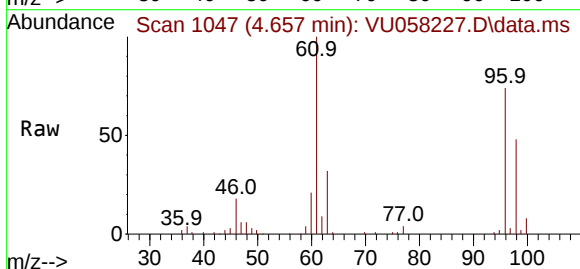
Tgt Ion: 96 Resp: 59982

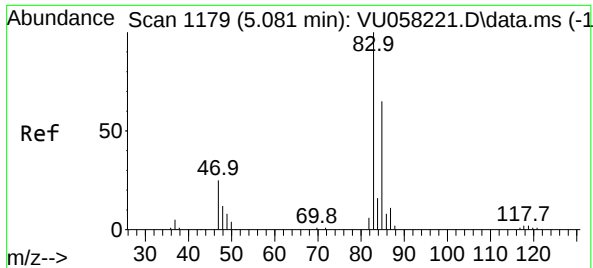
Ion Ratio Lower Upper

96 100

61 136.0 92.8 172.4

98 64.7 43.2 80.2





#25

Chloroform

Concen: 2.012 ug/L

RT: 5.078 min Scan# 1179

Delta R.T. -0.003 min

Lab File: VU058227.D

Acq: 27 Mar 2024 14:25

Instrument :

MSVOA_U

ClientSampleId :

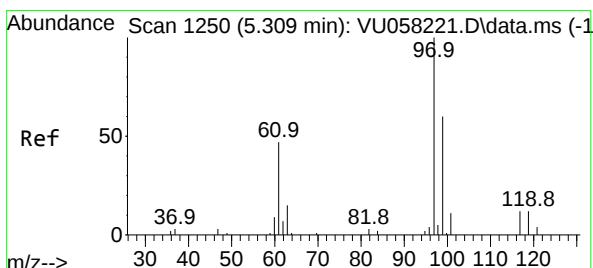
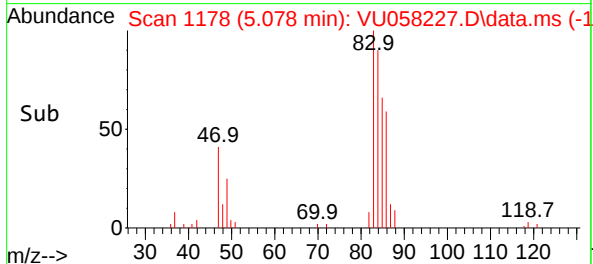
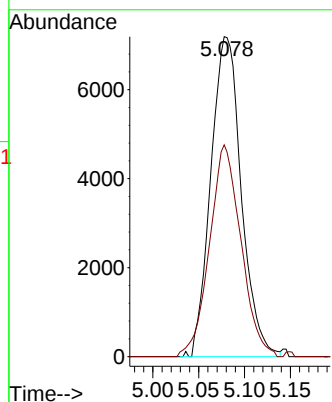
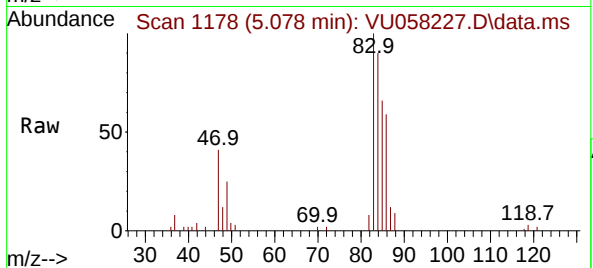
COAL3

Tgt Ion: 83 Resp: 16632

Ion Ratio Lower Upper

83 100

85 66.2 47.9 88.9



#29

1,1,1-Trichloroethane

Concen: 0.513 ug/L

RT: 5.312 min Scan# 1251

Delta R.T. 0.003 min

Lab File: VU058227.D

Acq: 27 Mar 2024 14:25

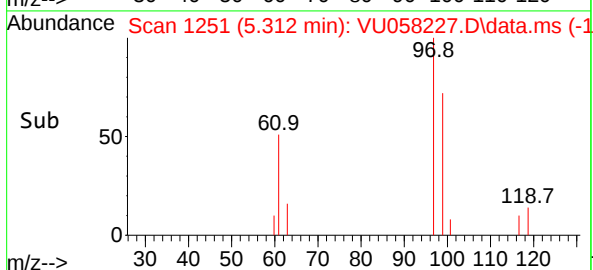
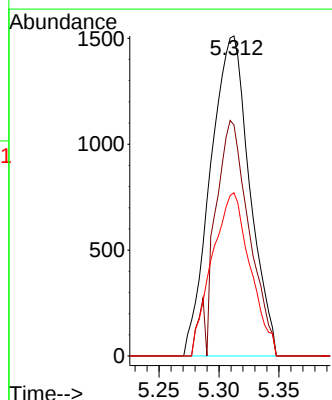
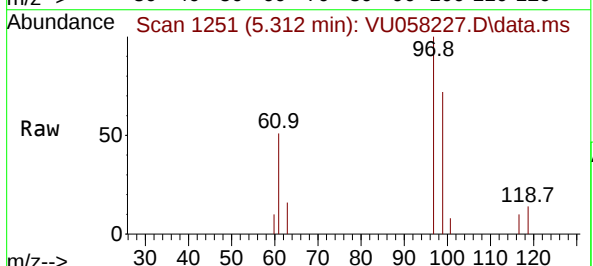
Tgt Ion: 97 Resp: 3428

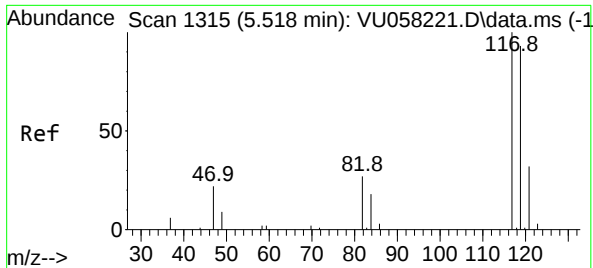
Ion Ratio Lower Upper

97 100

99 64.7 50.5 75.7

61 49.8 36.3 54.5

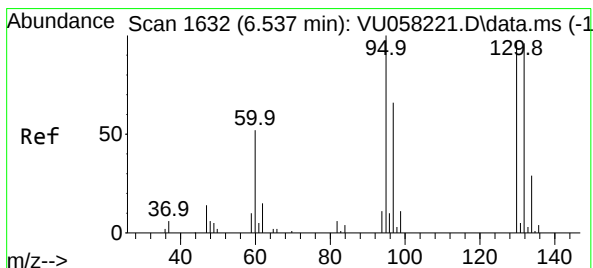
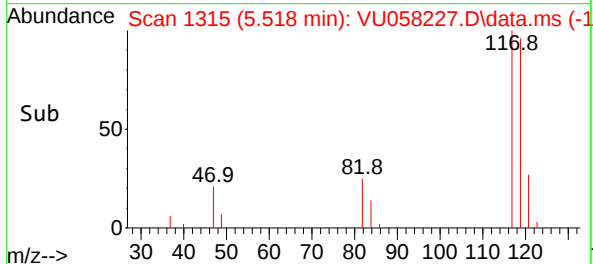
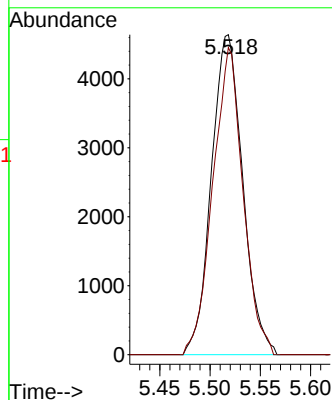
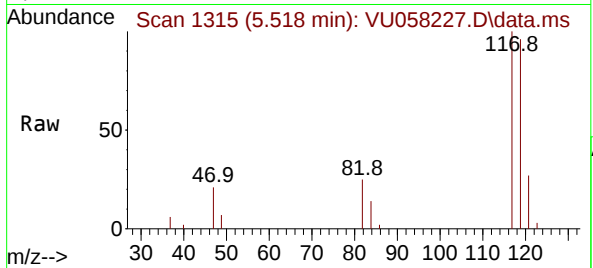




#31
Carbon tetrachloride
Concen: 1.770 ug/L
RT: 5.518 min Scan# 111
Delta R.T. 0.000 min
Lab File: VU058227.D
Acq: 27 Mar 2024 14:25

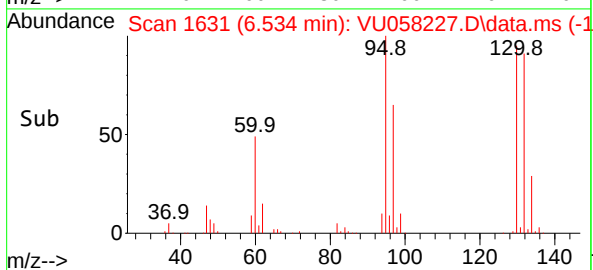
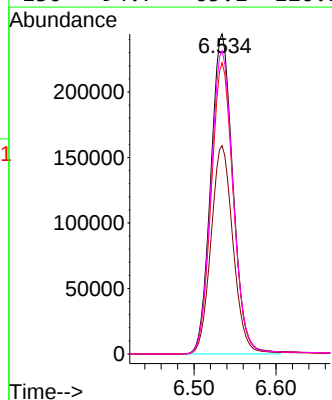
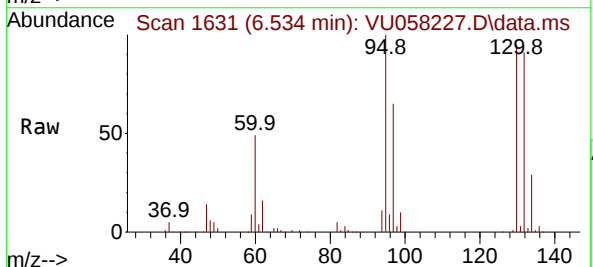
Instrument :
MSVOA_U
ClientSampleId :
COAL3

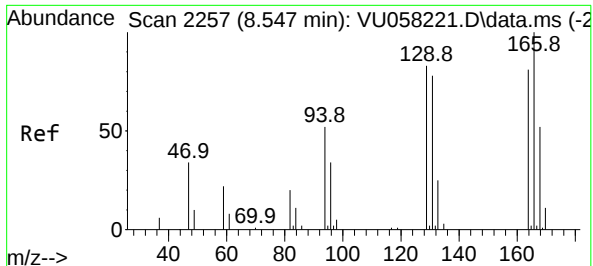
Tgt Ion:117 Resp: 10065
Ion Ratio Lower Upper
117 100
119 92.3 78.1 117.1



#34
Trichloroethene
Concen: 103.593 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. -0.003 min
Lab File: VU058227.D
Acq: 27 Mar 2024 14:25

Tgt Ion: 95 Resp: 457949
Ion Ratio Lower Upper
95 100
97 65.1 47.7 88.7
132 91.0 63.6 118.2
130 94.7 65.1 120.9





#47
 Tetrachloroethene
 Concen: 26.826 ug/L
 RT: 8.547 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU058227.D
 Acq: 27 Mar 2024 14:25

Instrument :
 MSVOA_U
 ClientSampleId :
 COAL3

Tgt Ion:164	Resp:	79431
Ion	Ratio	Lower Upper
164	100	
129	101.9	71.3 132.3
131	96.4	70.8 131.4
166	126.7	90.9 168.9

