

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122024\
 Data File : VU062548.D
 Acq On : 21 Dec 2024 02:31
 Operator : MD/SY
 Sample : P5344-05
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0CE7

Quant Time: Dec 21 03:41:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 20 23:41:56 2024
 Response via : Initial Calibration

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

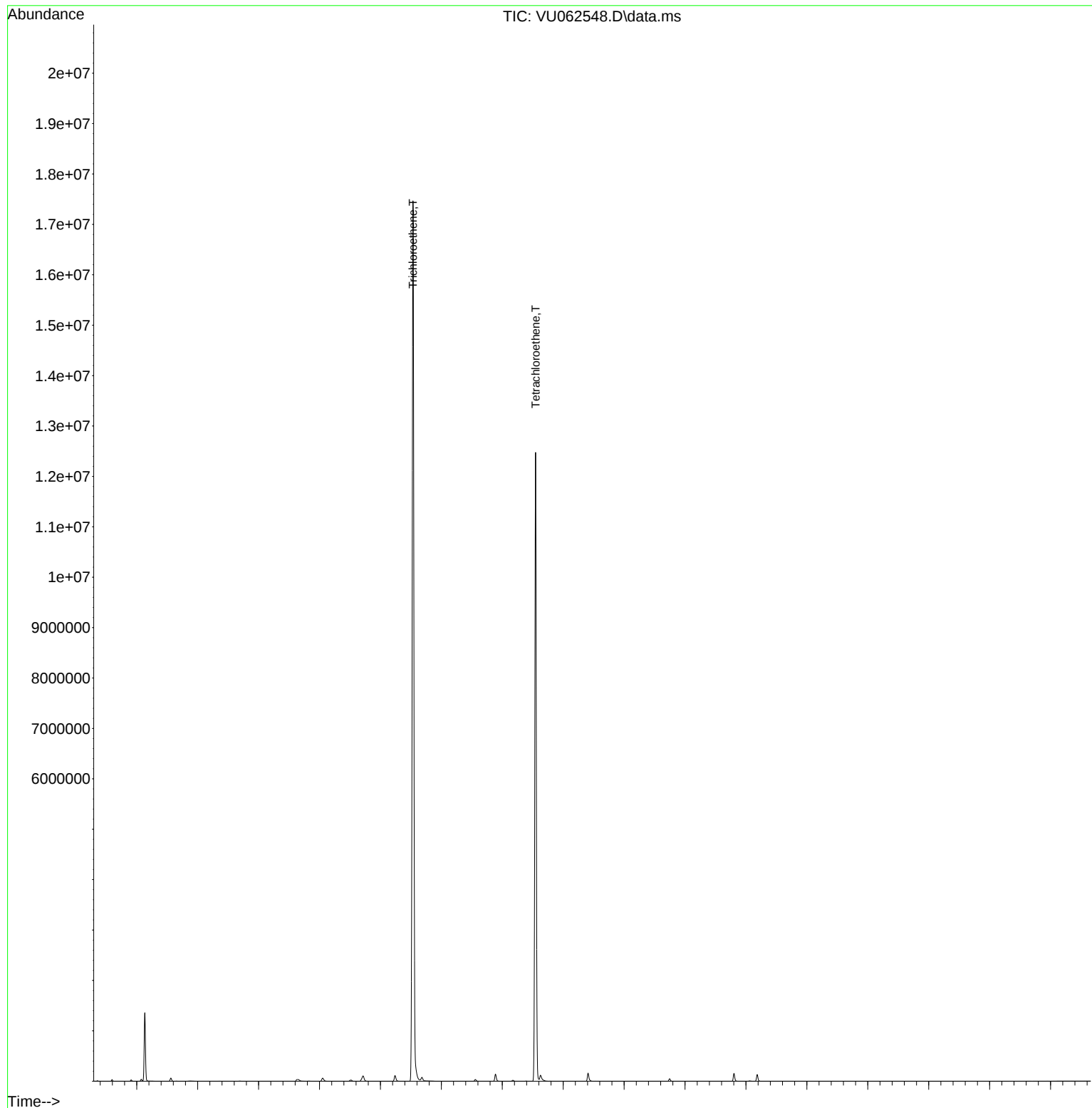
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	94550	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	90232	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	43613	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	21479	3.368	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.400%
7) Chloroethane-d5	1.907	69	18670	4.116	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.400%
11) 1,1-Dichloroethene-d2	2.560	65	11559	3.810	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.200%
20) 2-Butanone-d5	4.628	46	46589	38.118	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	76.240%
24) Chloroform-d	5.052	84	59645	4.321	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.400%
26) 1,2-Dichloroethane-d4	5.692	65	32319	4.762	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.200%
32) Benzene-d6	5.718	84	99781	3.840	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.800%
36) 1,2-Dichloropropane-d6	6.679	67	28302	3.806	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	76.200%
41) Toluene-d8	7.888	98	98208	4.000	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.000%
43) trans-1,3-Dichloroprop...	8.171	79	12920	3.947	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.000%
46) 2-Hexanone-d5	8.627	63	38186	38.672	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.340%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	23681	4.093	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.800%
66) 1,2-Dichlorobenzene-d4	12.184	152	36902	4.592	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.800%
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.133	101	902002	71.899	ug/L	98
13) Acetone	2.650	43	4105	4.933	ug/L	91
18) trans-1,2-Dichloroethene	3.358	96	790	0.120	ug/L	84
22) cis-1,2-Dichloroethene	4.653	96	11241	1.529	ug/L	88
25) Chloroform	5.081	83	4905	0.362	ug/L	93
31) Carbon tetrachloride	5.515	117	19129	1.643	ug/L	98
34) Trichloroethene	6.534	95	6106354	770.920	ug/L	97
45) 1,1,2-Trichloroethane	8.393	97	1683	0.327	ug/L	95
47) Tetrachloroethene	8.547	164	2700115	441.503	ug/L	96
51) Chlorobenzene	9.441	112	6800	0.352	ug/L	98

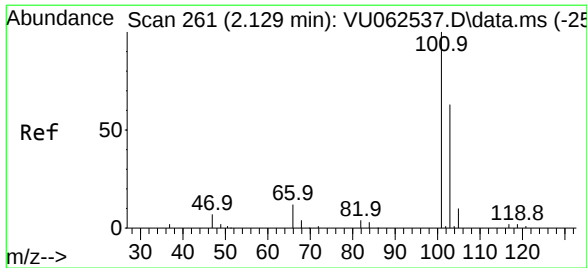
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122024\
Data File : VU062548.D
Acq On : 21 Dec 2024 02:31
Operator : MD/SY
Sample : P5344-05
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0CE7

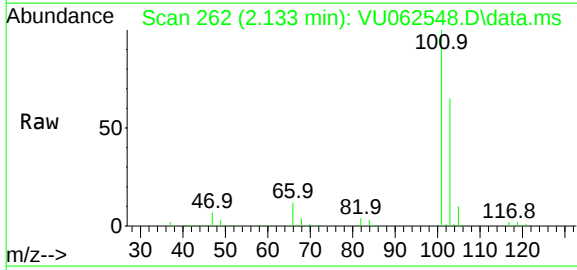
Quant Time: Dec 21 03:41:46 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Dec 20 23:41:56 2024
Response via : Initial Calibration



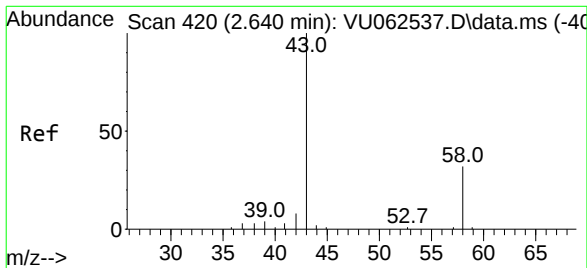
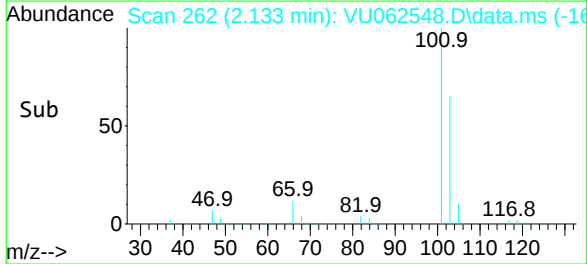
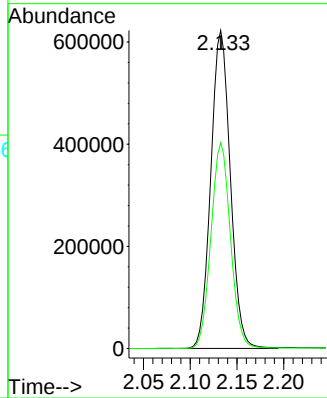


#9
Trichlorofluoromethane
Concen: 71.899 ug/L
RT: 2.133 min Scan# 261
Delta R.T. 0.003 min
Lab File: VU062548.D
Acq: 21 Dec 2024 02:31

Instrument :
MSVOA_U
ClientSampleId :
C0CE7

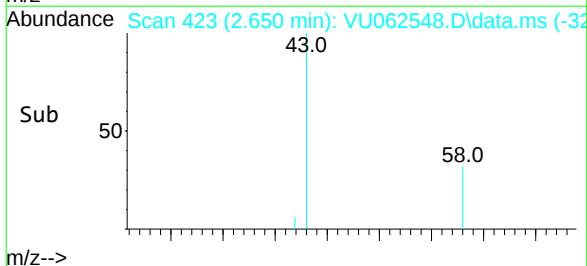
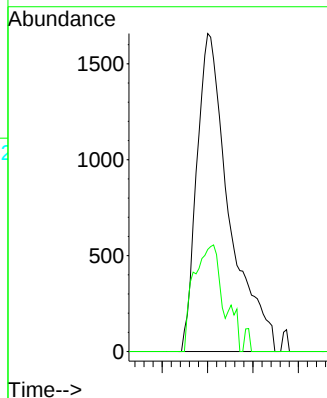
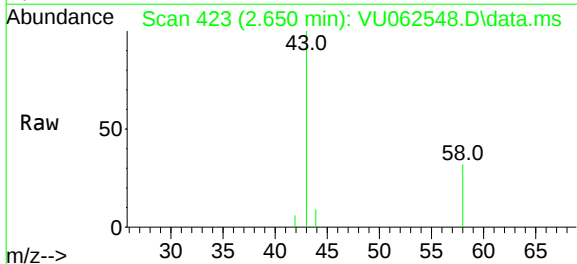


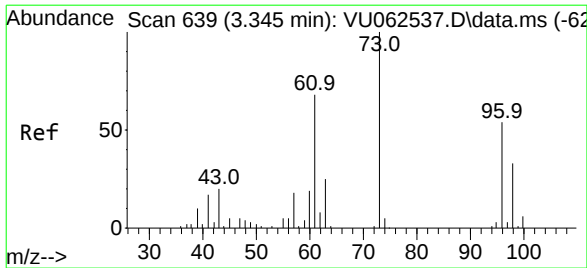
Tgt Ion:101 Resp: 902002
Ion Ratio Lower Upper
101 100
103 64.9 50.6 75.8



#13
Acetone
Concen: 4.933 ug/L
RT: 2.650 min Scan# 423
Delta R.T. 0.010 min
Lab File: VU062548.D
Acq: 21 Dec 2024 02:31

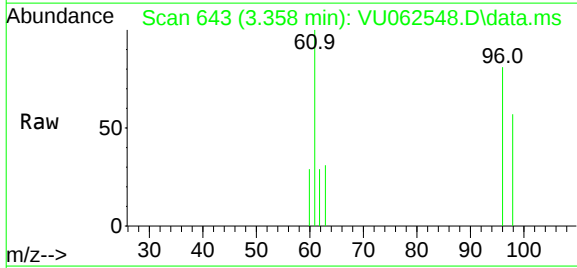
Tgt Ion: 43 Resp: 4105
Ion Ratio Lower Upper
43 100
58 26.9 0.0 64.0



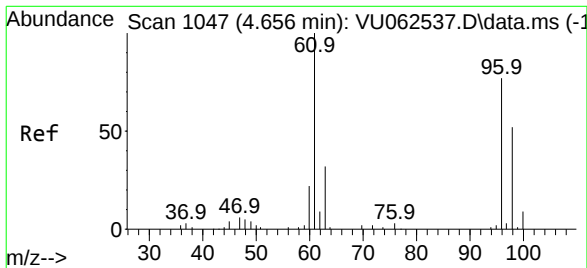
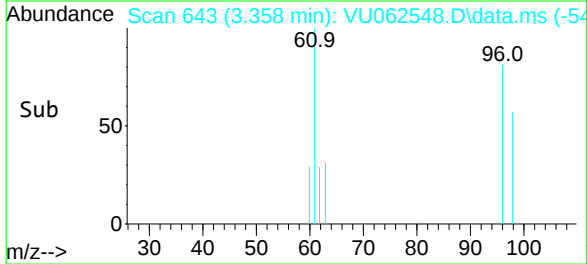
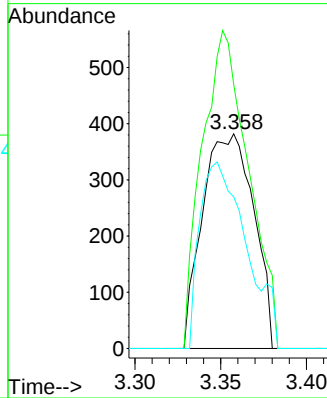


#18
trans-1,2-Dichloroethene
Concen: 0.120 ug/L
RT: 3.358 min Scan# 64
Delta R.T. 0.013 min
Lab File: VU062548.D
Acq: 21 Dec 2024 02:31

Instrument :
MSVOA_U
ClientSampleId :
C0CE7

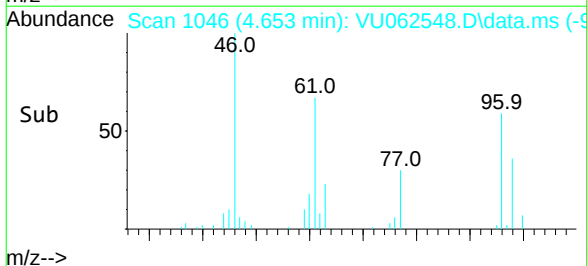
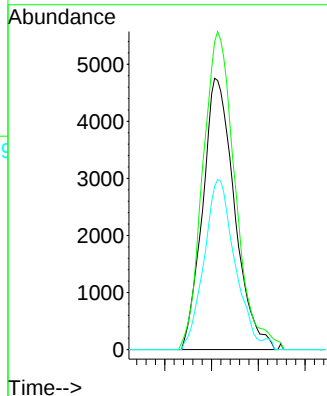
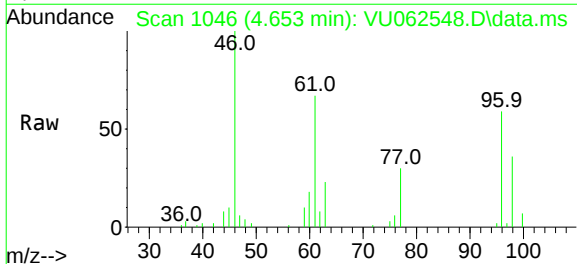


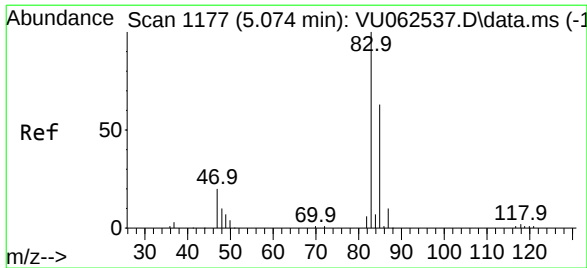
Tgt Ion: 96 Resp: 790
Ion Ratio Lower Upper
96 100
61 123.0 104.2 193.4
98 70.7 45.7 84.9



#22
cis-1,2-Dichloroethene
Concen: 1.529 ug/L
RT: 4.653 min Scan# 1046
Delta R.T. -0.003 min
Lab File: VU062548.D
Acq: 21 Dec 2024 02:31

Tgt Ion: 96 Resp: 11241
Ion Ratio Lower Upper
96 100
61 113.5 92.0 170.8
98 60.2 44.5 82.7

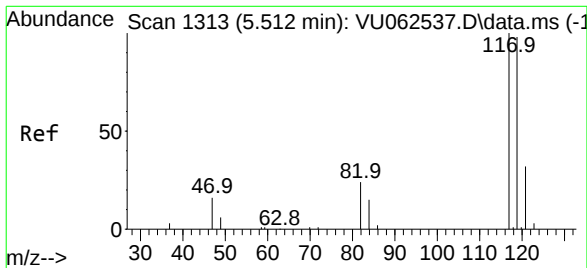
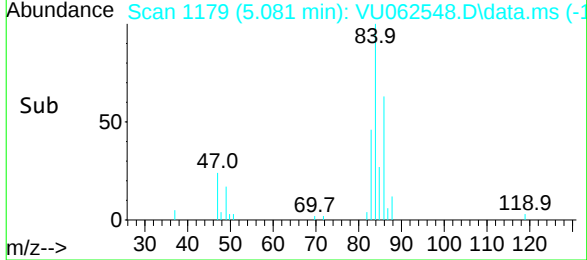
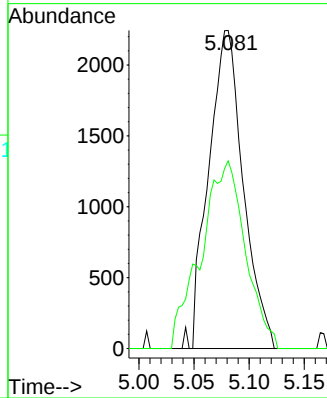
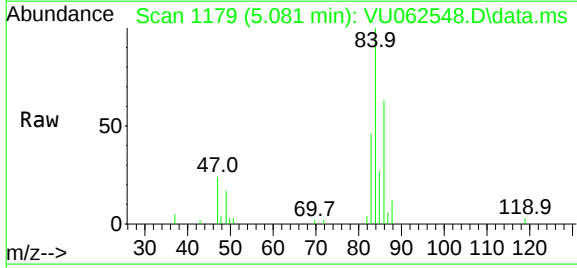




#25
Chloroform
Concen: 0.362 ug/L
RT: 5.081 min Scan# 1177
Delta R.T. 0.007 min
Lab File: VU062548.D
Acq: 21 Dec 2024 02:31

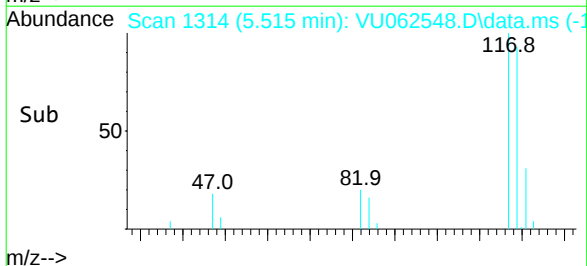
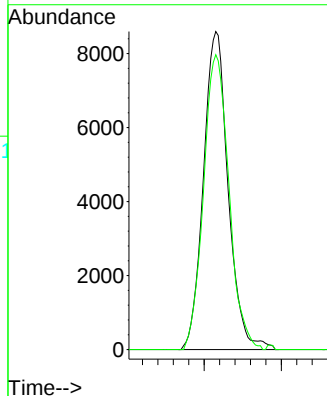
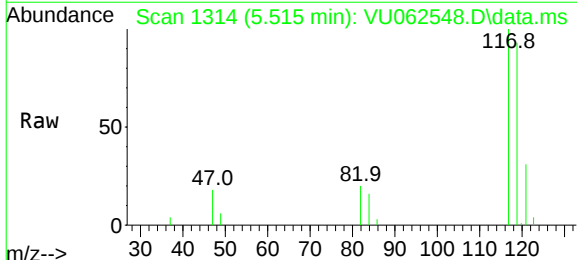
Instrument :
MSVOA_U
ClientSampleId :
C0CE7

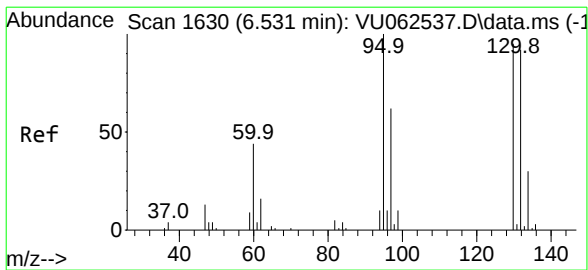
Tgt Ion: 83 Resp: 4905
Ion Ratio Lower Upper
83 100
85 59.0 45.4 84.2



#31
Carbon tetrachloride
Concen: 1.643 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. 0.003 min
Lab File: VU062548.D
Acq: 21 Dec 2024 02:31

Tgt Ion: 117 Resp: 19129
Ion Ratio Lower Upper
117 100
119 95.4 77.5 116.3





#34

Trichloroethene

Concen: 770.920 ug/L

RT: 6.534 min Scan# 16

Delta R.T. 0.003 min

Lab File: VU062548.D

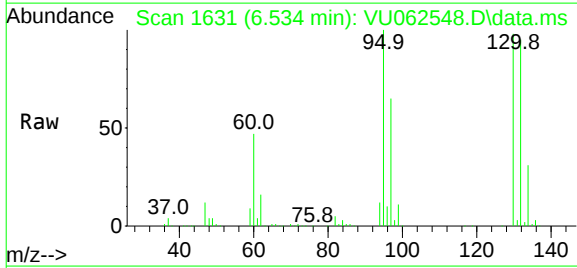
Acq: 21 Dec 2024 02:31

Instrument :

MSVOA_U

ClientSampleId :

C0CE7



Tgt Ion: 95 Resp: 6106354

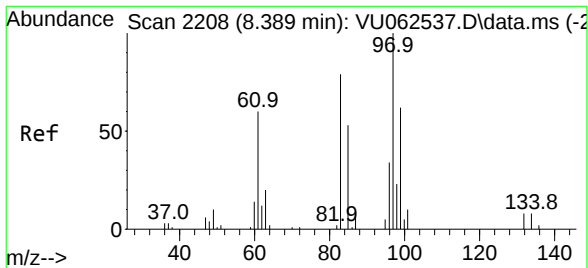
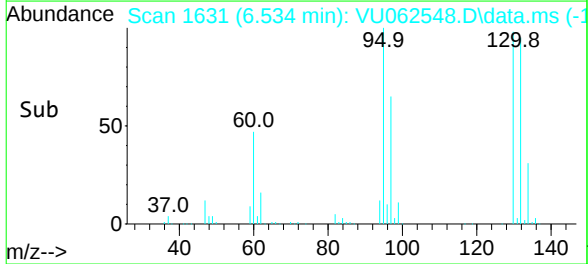
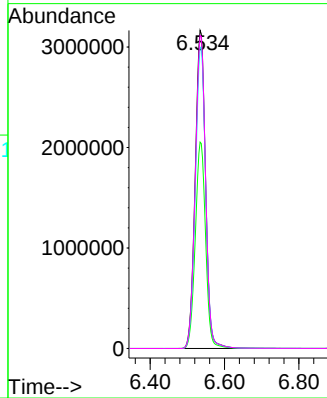
Ion Ratio Lower Upper

95 100

97 64.9 45.9 85.3

132 94.7 63.8 118.4

130 98.4 65.5 121.7



#45

1,1,2-Trichloroethane

Concen: 0.327 ug/L

RT: 8.393 min Scan# 2209

Delta R.T. 0.003 min

Lab File: VU062548.D

Acq: 21 Dec 2024 02:31

Tgt Ion: 97 Resp: 1683

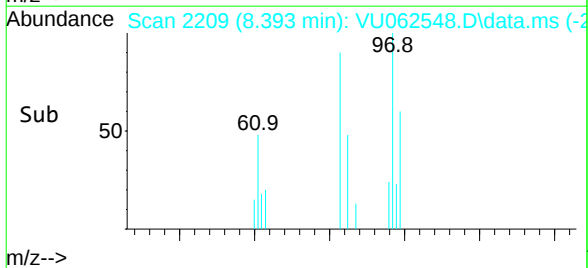
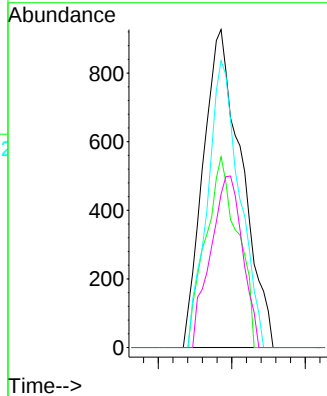
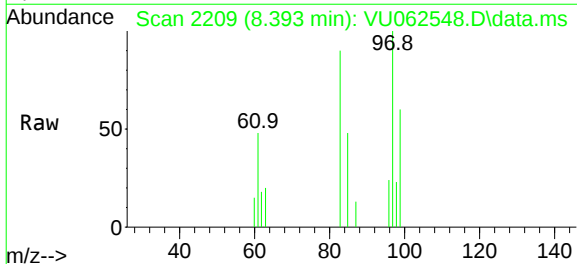
Ion Ratio Lower Upper

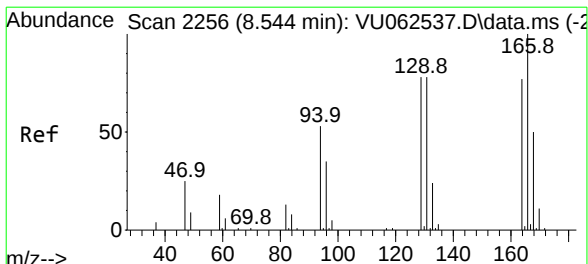
97 100

99 60.0 43.0 79.8

83 90.2 61.7 114.5

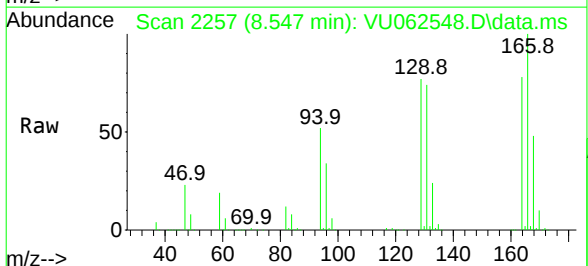
85 48.2 40.1 74.5





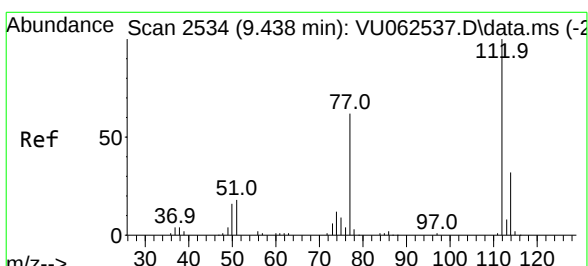
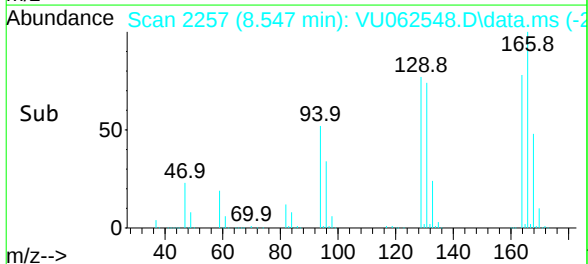
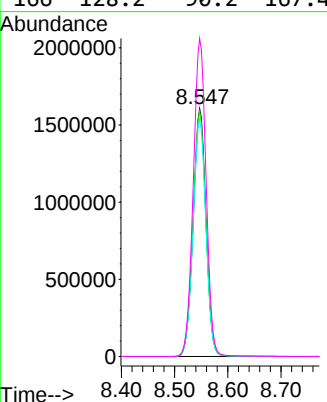
#47
 Tetrachloroethene
 Concen: 441.503 ug/L
 RT: 8.547 min Scan# 2256
 Delta R.T. 0.003 min
 Lab File: VU062548.D
 Acq: 21 Dec 2024 02:31

Instrument : MSVOA_U
 ClientSampleId : C0CE7



Tgt Ion:164 Resp: 2700115

Ion	Ratio	Lower	Upper
164	100		
129	98.9	73.2	136.0
131	95.5	72.3	134.3
166	128.2	90.2	167.4



#51
 Chlorobenzene
 Concen: 0.352 ug/L
 RT: 9.441 min Scan# 2535
 Delta R.T. 0.003 min
 Lab File: VU062548.D
 Acq: 21 Dec 2024 02:31

Tgt Ion:112 Resp: 6800

Ion	Ratio	Lower	Upper
112	100		
114	30.2	23.0	42.6
77	64.2	50.5	75.7

