

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121924\
 Data File : VU062504.D
 Acq On : 20 Dec 2024 05:59
 Operator : MD/SY
 Sample : P5345-02
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0CK0

Quant Time: Dec 20 06:16:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 20 01:26:48 2024
 Response via : Initial Calibration

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

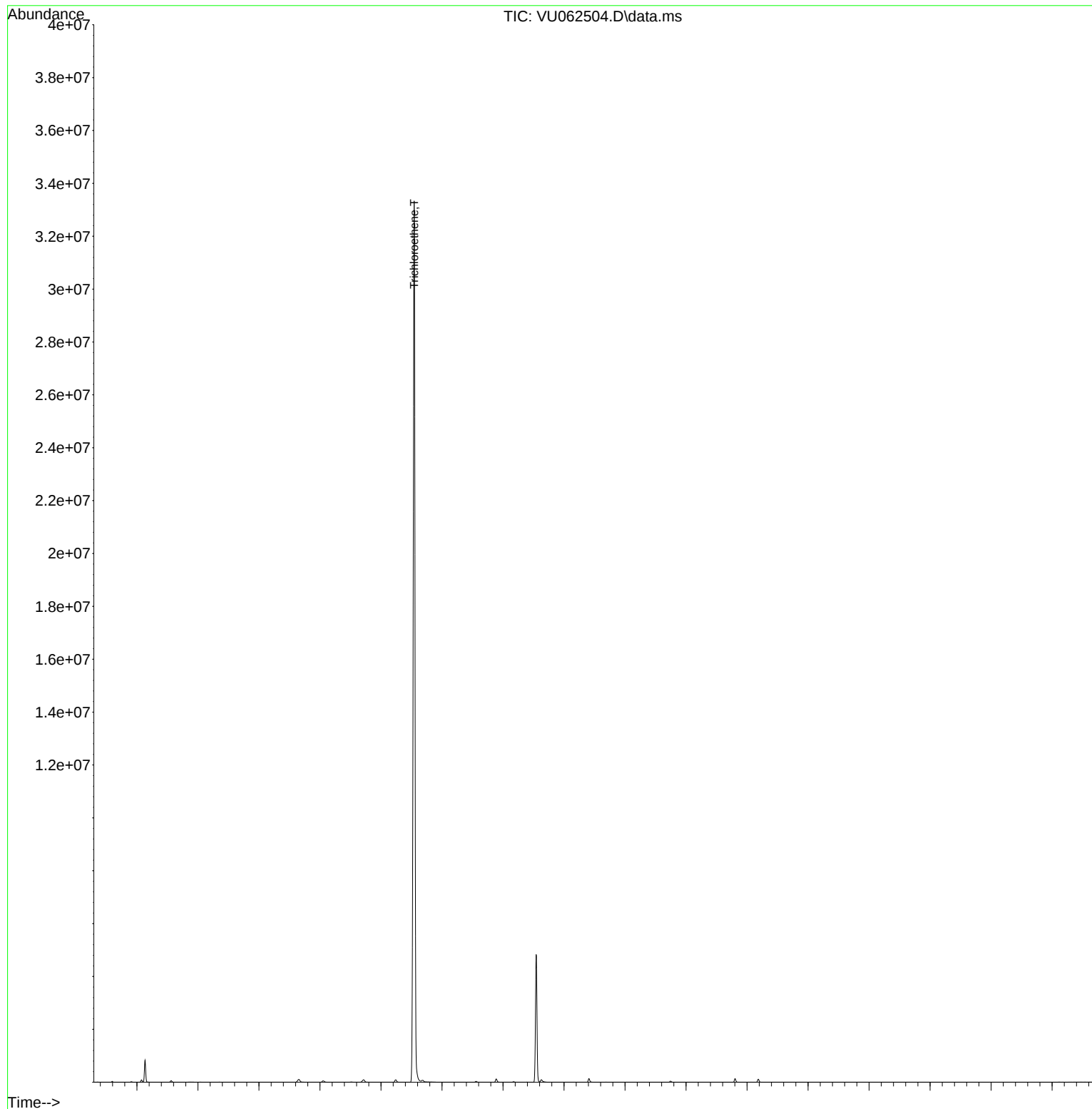
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	82870	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	78744	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	38417	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	20753	3.713	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.200%
7) Chloroethane-d5	1.907	69	17330	4.359	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.200%
11) 1,1-Dichloroethene-d2	2.560	65	10757	4.045	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.000%
20) 2-Butanone-d5	4.628	46	40389	37.703	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	75.400%
24) Chloroform-d	5.052	84	52205	4.315	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.400%
26) 1,2-Dichloroethane-d4	5.692	65	28443	4.781	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.600%
32) Benzene-d6	5.718	84	91711	4.044	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.800%
36) 1,2-Dichloropropane-d6	6.682	67	25653	3.953	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.000%
41) Toluene-d8	7.888	98	88404	4.126	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.600%
43) trans-1,3-Dichloroprop...	8.174	79	11889	4.162	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.200%
46) 2-Hexanone-d5	8.627	63	32994	38.289	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.580%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	19727	3.907	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.200%
66) 1,2-Dichlorobenzene-d4	12.184	152	32941	4.653	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.000%
Target Compounds	Qvalue					
9) Trichlorofluoromethane	2.132	101	547900	49.829	ug/L	98
12) 1,1-Dichloroethene	2.573	96	1679	0.300	ug/L #	1
13) Acetone	2.650	43	3430	4.703	ug/L	93
16) Methylene chloride	3.039	84	1760	0.300	ug/L	93
18) trans-1,2-Dichloroethene	3.354	96	1561	0.272	ug/L	85
22) cis-1,2-Dichloroethene	4.653	96	55048	8.543	ug/L	92
25) Chloroform	5.071	83	4752	0.400	ug/L	96
31) Carbon tetrachloride	5.518	117	6838	0.673	ug/L	99
34) Trichloroethene	6.544	95	12211910	1766.664	ug/L	96
45) 1,1,2-Trichloroethane	8.389	97	1613	0.360	ug/L #	68
47) Tetrachloroethene	8.544	164	1053109	197.319	ug/L	95

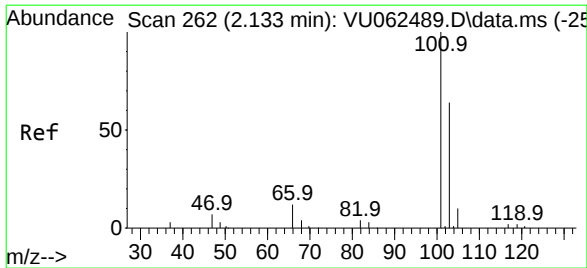
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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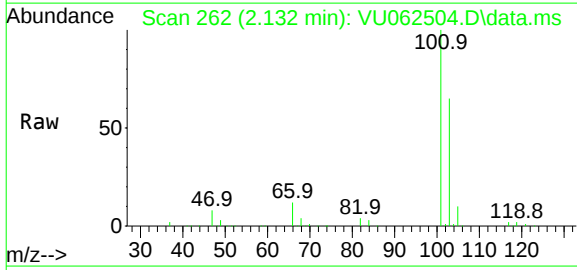
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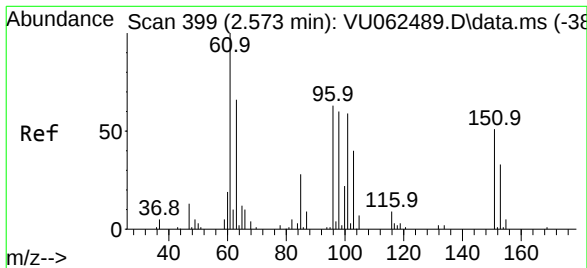
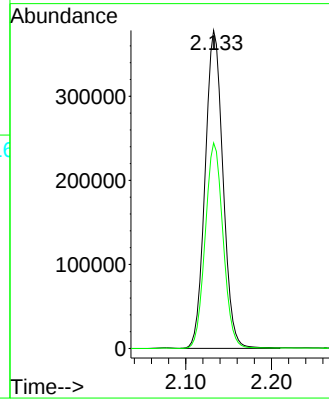
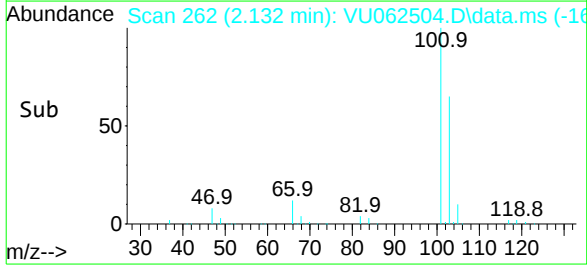


#9
Trichlorofluoromethane
Concen: 49.829 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU062504.D
Acq: 20 Dec 2024 05:59

Instrument :
MSVOA_U
ClientSampleId :
C0CK0

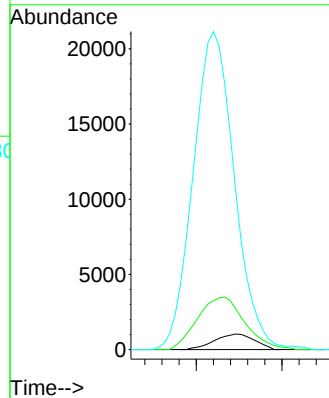
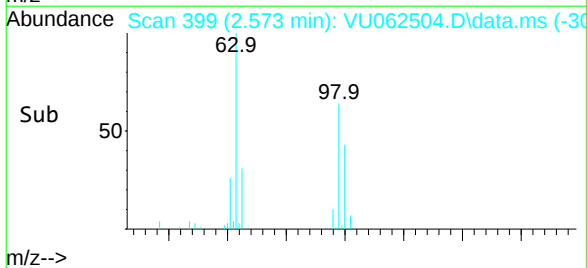
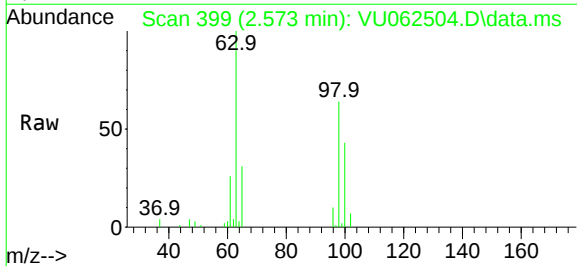


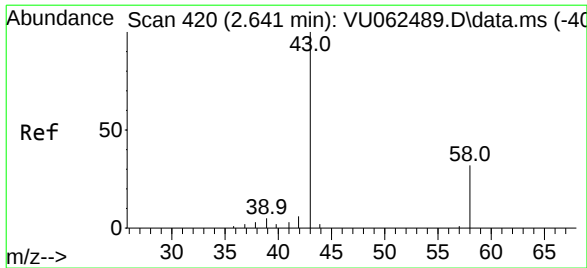
Tgt Ion:101 Resp: 547900
Ion Ratio Lower Upper
101 100
103 64.7 50.6 75.8



#12
1,1-Dichloroethene
Concen: 0.300 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU062504.D
Acq: 20 Dec 2024 05:59

Tgt Ion: 96 Resp: 1679
Ion Ratio Lower Upper
96 100
61 263.1 119.6 222.2#
63 1023.9 65.0 120.6#





#13

Acetone

Concen: 4.703 ug/L

RT: 2.650 min Scan# 42

Delta R.T. 0.010 min

Lab File: VU062504.D

Acq: 20 Dec 2024 05:59

Instrument :

MSVOA_U

ClientSampleId :

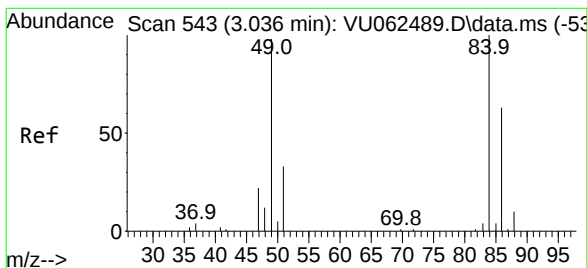
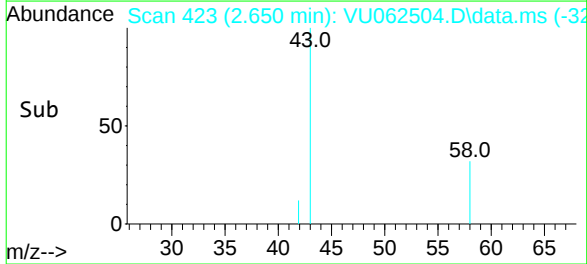
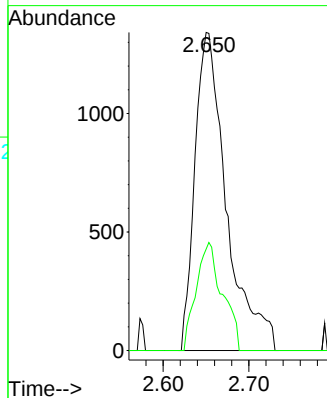
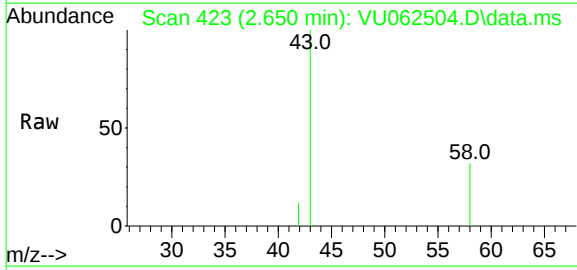
C0CK0

Tgt Ion: 43 Resp: 3430

Ion Ratio Lower Upper

43 100

58 28.2 0.0 64.0



#16

Methylene chloride

Concen: 0.300 ug/L

RT: 3.039 min Scan# 544

Delta R.T. 0.003 min

Lab File: VU062504.D

Acq: 20 Dec 2024 05:59

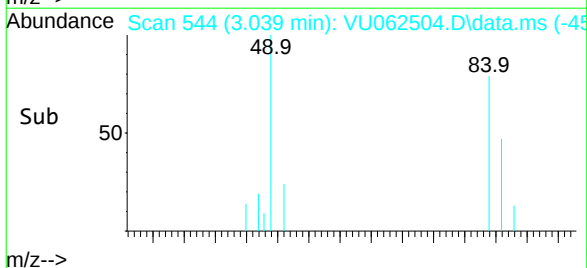
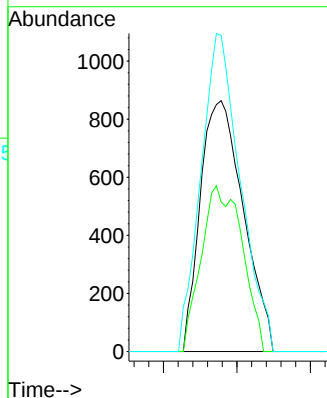
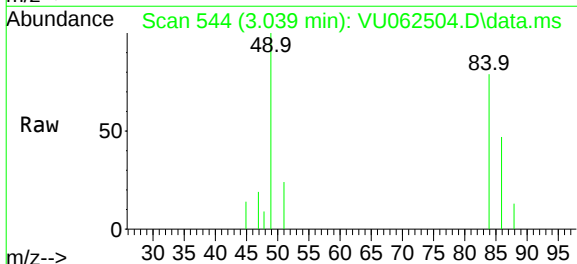
Tgt Ion: 84 Resp: 1760

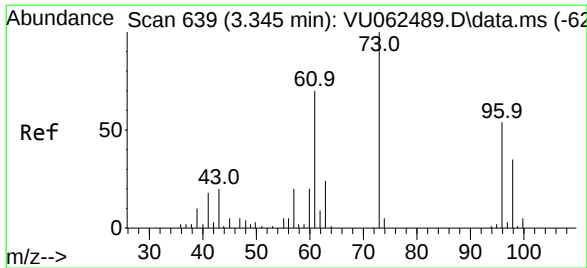
Ion Ratio Lower Upper

84 100

86 59.6 43.5 80.7

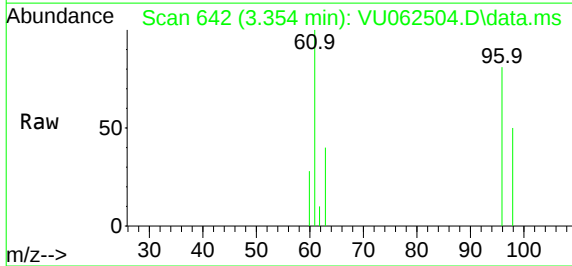
49 126.0 81.9 152.1



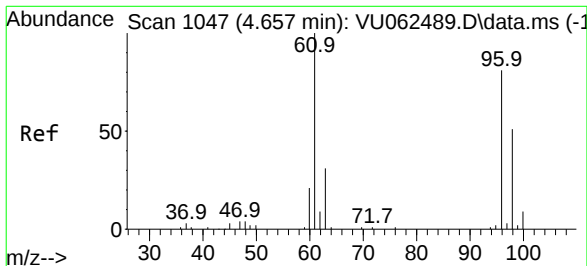
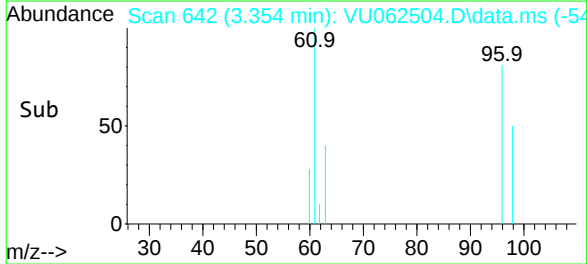
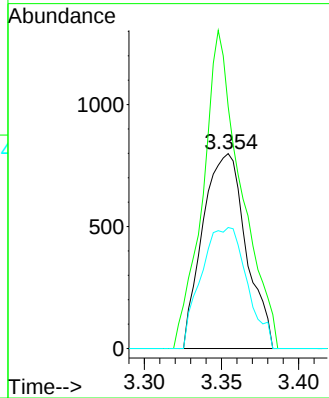


#18
trans-1,2-Dichloroethene
Concen: 0.272 ug/L
RT: 3.354 min Scan# 64
Delta R.T. 0.010 min
Lab File: VU062504.D
Acq: 20 Dec 2024 05:59

Instrument :
MSVOA_U
ClientSampleId :
C0CK0

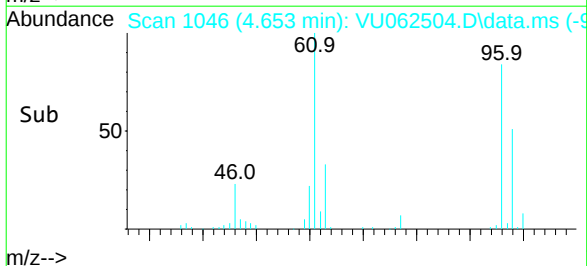
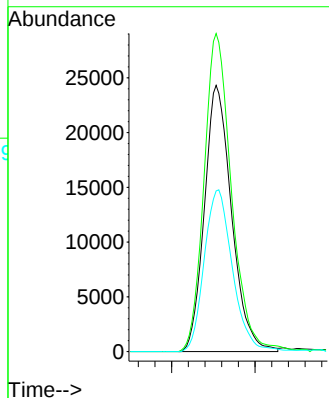
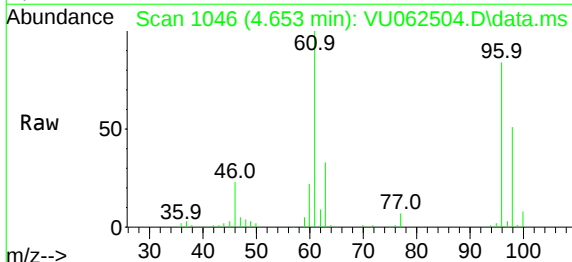


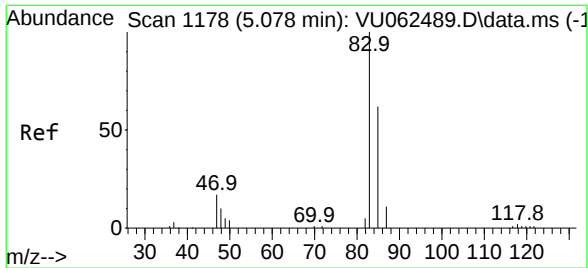
Tgt Ion: 96 Resp: 1561
Ion Ratio Lower Upper
96 100
61 124.2 104.2 193.4
98 62.1 45.7 84.9



#22
cis-1,2-Dichloroethene
Concen: 8.543 ug/L
RT: 4.653 min Scan# 1046
Delta R.T. -0.003 min
Lab File: VU062504.D
Acq: 20 Dec 2024 05:59

Tgt Ion: 96 Resp: 55048
Ion Ratio Lower Upper
96 100
61 119.5 92.0 170.8
98 60.4 44.5 82.7

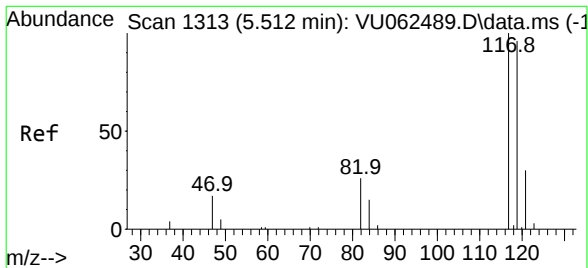
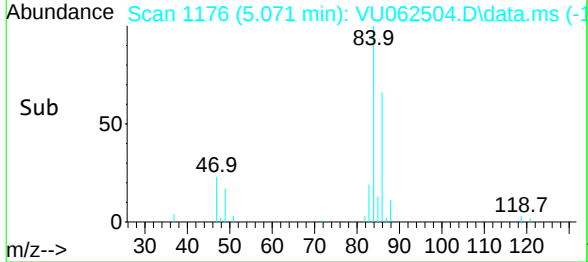
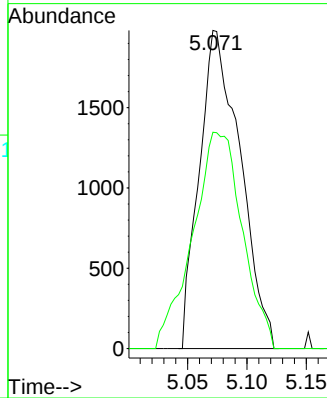
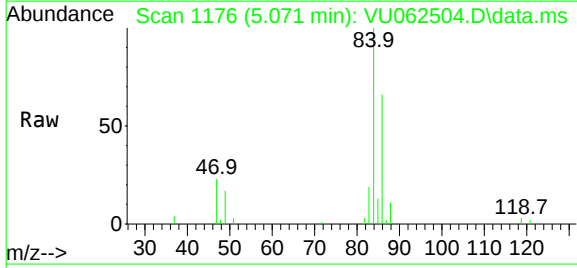




#25
Chloroform
Concen: 0.400 ug/L
RT: 5.071 min Scan# 1176
Delta R.T. -0.007 min
Lab File: VU062504.D
Acq: 20 Dec 2024 05:59

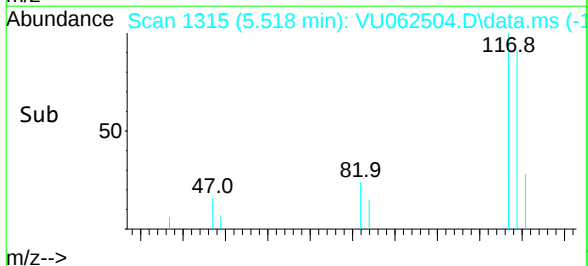
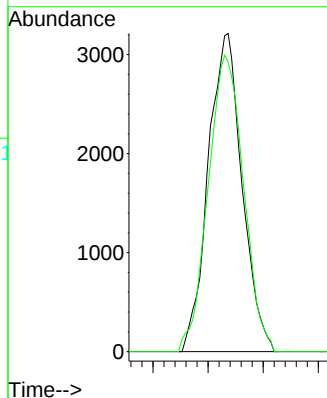
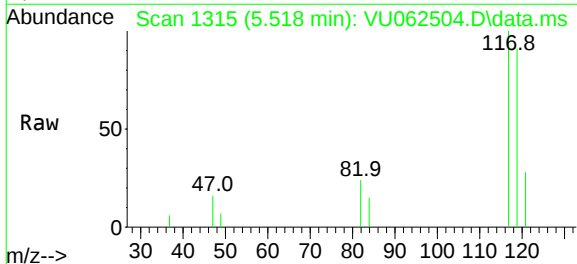
Instrument :
MSVOA_U
ClientSampleId :
C0CK0

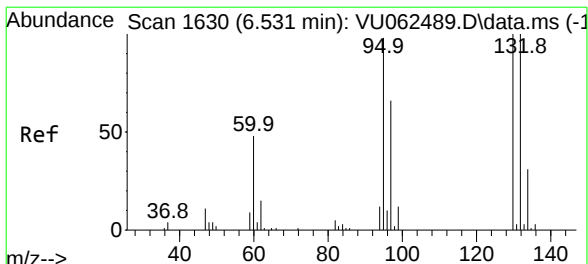
Tgt Ion: 83 Resp: 4752
Ion Ratio Lower Upper
83 100
85 68.0 45.4 84.2



#31
Carbon tetrachloride
Concen: 0.673 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VU062504.D
Acq: 20 Dec 2024 05:59

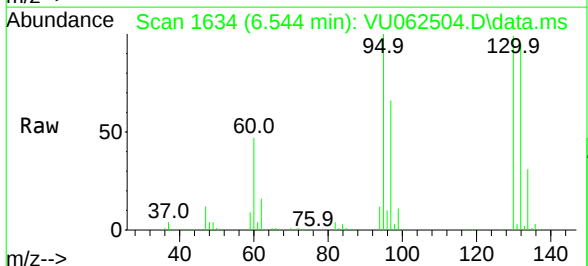
Tgt Ion: 117 Resp: 6838
Ion Ratio Lower Upper
117 100
119 97.7 77.5 116.3





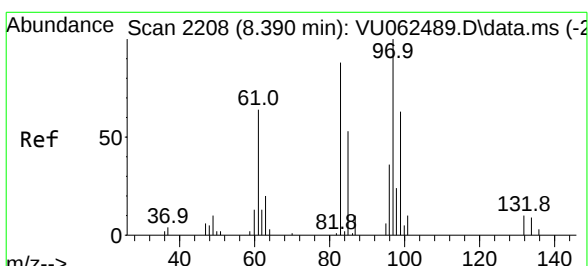
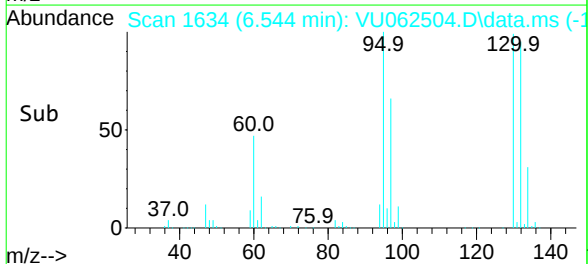
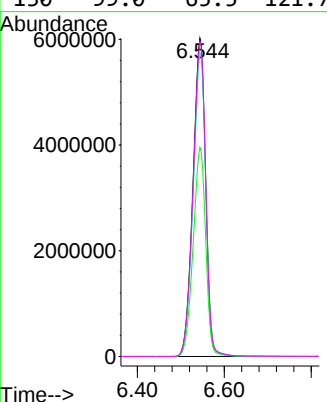
#34
 Trichloroethene
 Concen: 1766.664 ug/L
 RT: 6.544 min Scan# 1634
 Delta R.T. 0.013 min
 Lab File: VU062504.D
 Acq: 20 Dec 2024 05:59

Instrument :
 MSVOA_U
 ClientSampleId :
 C0CK0



Tgt Ion: 95 Resp: 12211910

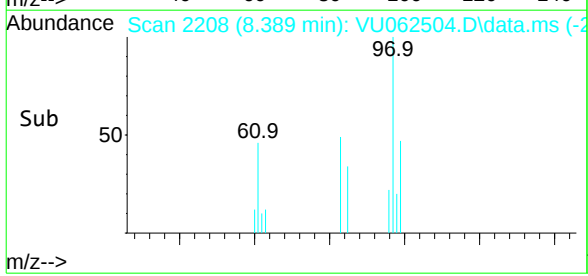
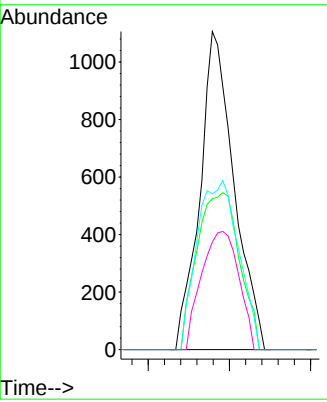
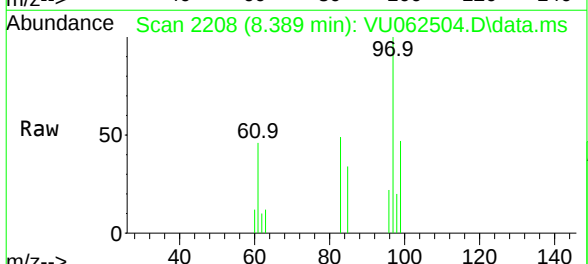
Ion	Ratio	Lower	Upper
95	100		
97	65.7	45.9	85.3
132	95.5	63.8	118.4
130	99.0	65.5	121.7

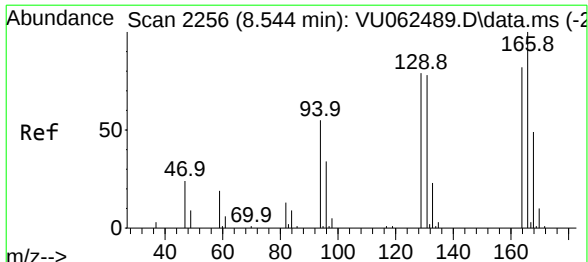


#45
 1,1,2-Trichloroethane
 Concen: 0.360 ug/L
 RT: 8.389 min Scan# 2208
 Delta R.T. -0.000 min
 Lab File: VU062504.D
 Acq: 20 Dec 2024 05:59

Tgt Ion: 97 Resp: 1613

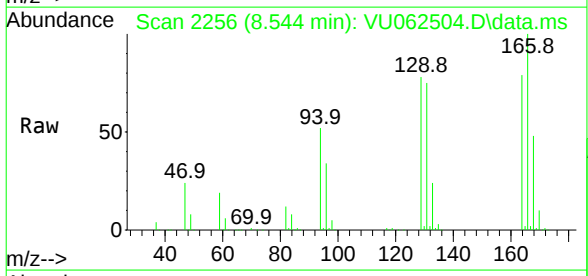
Ion	Ratio	Lower	Upper
97	100		
99	47.5	43.0	79.8
83	49.0	61.7	114.5#
85	33.8	40.1	74.5#





#47
Tetrachloroethene
Concen: 197.319 ug/L
RT: 8.544 min Scan# 22
Delta R.T. -0.000 min
Lab File: VU062504.D
Acq: 20 Dec 2024 05:59

Instrument :
MSVOA_U
ClientSampleId :
C0CK0



Tgt Ion:164 Resp: 1053109

Ion	Ratio	Lower	Upper
164	100		
129	98.8	73.2	136.0
131	95.3	72.3	134.3
166	127.3	90.2	167.4

