

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121924\
 Data File : VU062505.D
 Acq On : 20 Dec 2024 06:24
 Operator : MD/SY
 Sample : P5345-03
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0CK1

Quant Time: Dec 20 06:42:17 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)

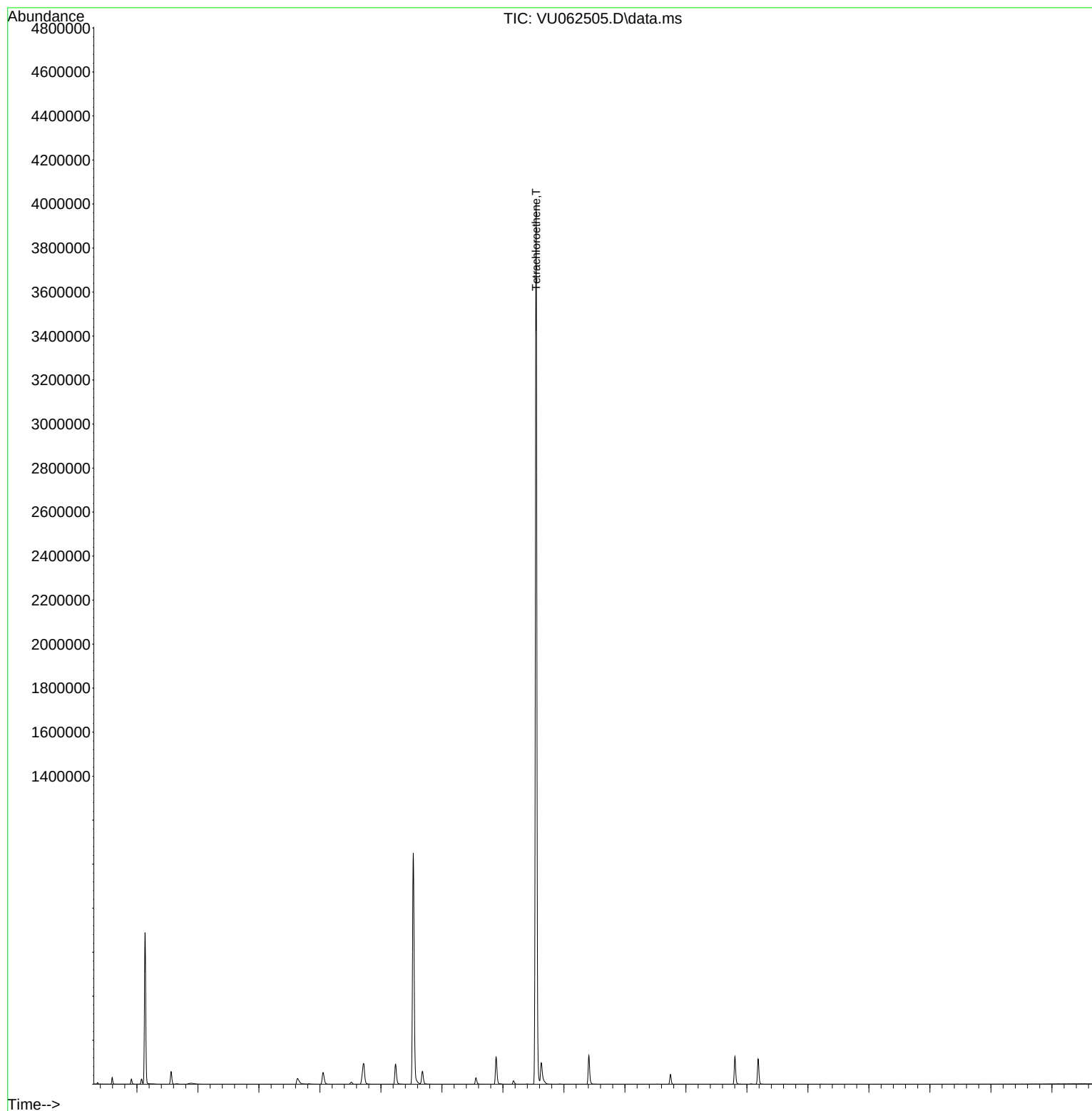
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	77930	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	74476	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	37292	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	21030	4.001	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.000%
7) Chloroethane-d5	1.907	69	17191	4.598	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.000%
11) 1,1-Dichloroethene-d2	2.560	65	10822	4.328	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.600%
20) 2-Butanone-d5	4.631	46	41601	41.296	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.600%
24) Chloroform-d	5.052	84	52075	4.578	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
26) 1,2-Dichloroethane-d4	5.695	65	29399	5.255	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.200%
32) Benzene-d6	5.717	84	91483	4.265	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.200%
36) 1,2-Dichloropropane-d6	6.679	67	25943	4.227	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.600%
41) Toluene-d8	7.888	98	87328	4.310	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.200%
43) trans-1,3-Dichloroprop...	8.174	79	11154	4.129	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.600%
46) 2-Hexanone-d5	8.627	63	32407	39.763	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.520%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	20398	4.271	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.400%
66) 1,2-Dichlorobenzene-d4	12.183	152	31935	4.647	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.000%
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.132	101	460532	44.538	ug/L	97
13) Acetone	2.653	43	4182	6.097	ug/L	96
22) cis-1,2-Dichloroethene	4.656	96	2504	0.413	ug/L	90
25) Chloroform	5.074	83	2848	0.255	ug/L	89
31) Carbon tetrachloride	5.518	117	6952	0.724	ug/L	99
34) Trichloroethene	6.531	95	370393	56.654	ug/L	98
45) 1,1,2-Trichloroethane	8.396	97	591	0.139	ug/L	95
47) Tetrachloroethene	8.544	164	879572	174.248	ug/L	95

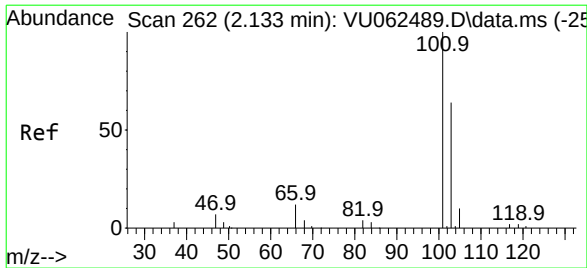
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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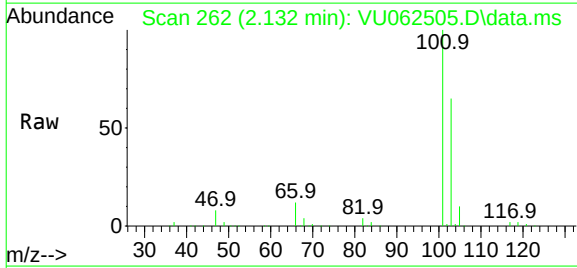
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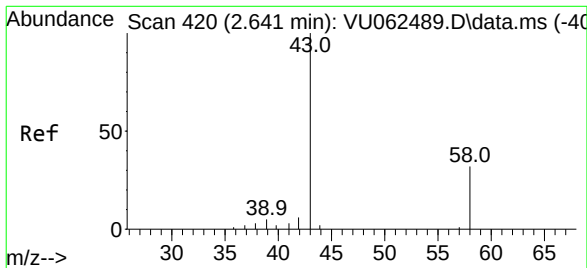
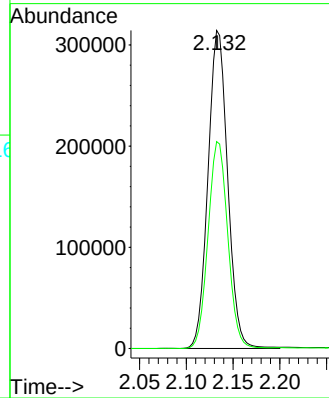
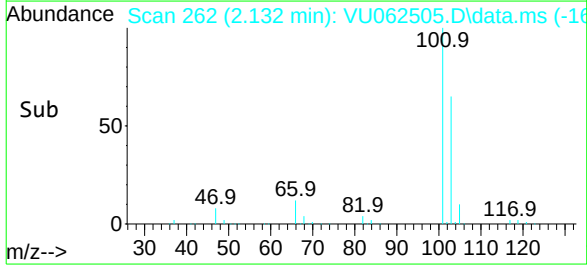


#9
Trichlorofluoromethane
Concen: 44.538 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU062505.D
Acq: 20 Dec 2024 06:24

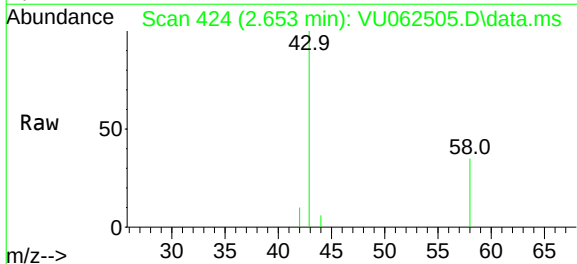
Instrument :
MSVOA_U
ClientSampleId :
C0CK1



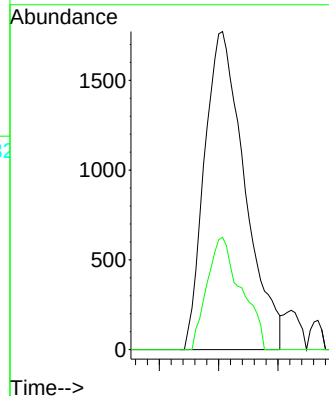
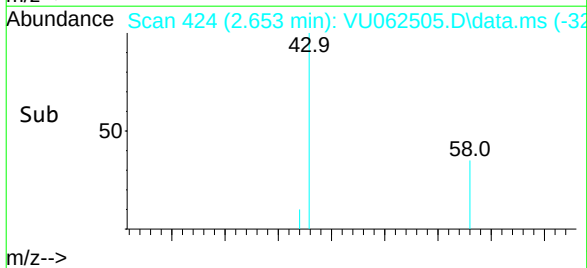
Tgt Ion:101 Resp: 460532
Ion Ratio Lower Upper
101 100
103 65.2 50.6 75.8

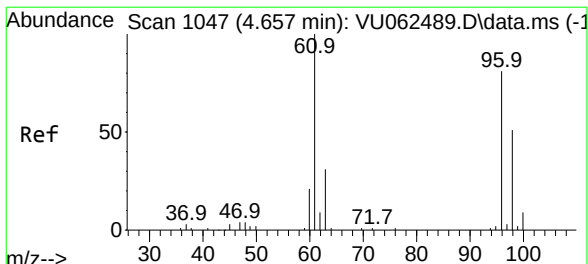


#13
Acetone
Concen: 6.097 ug/L
RT: 2.653 min Scan# 424
Delta R.T. 0.013 min
Lab File: VU062505.D
Acq: 20 Dec 2024 06:24



Tgt Ion: 43 Resp: 4182
Ion Ratio Lower Upper
43 100
58 29.8 0.0 64.0

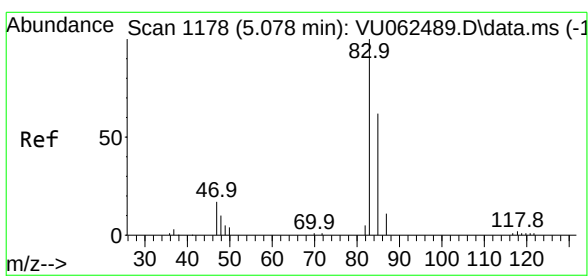
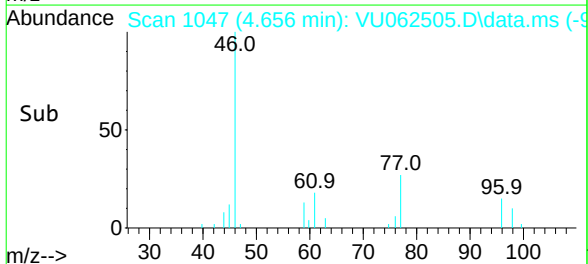
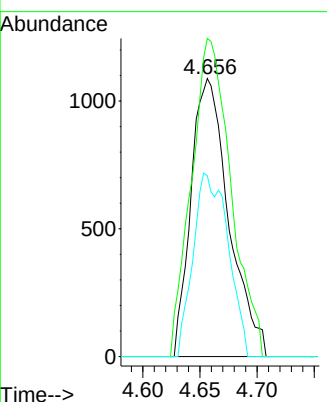
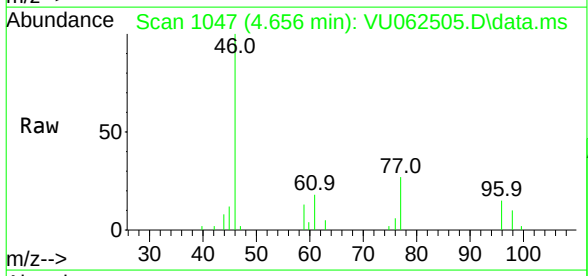




#22
 cis-1,2-Dichloroethene
 Concen: 0.413 ug/L
 RT: 4.656 min Scan# 1047
 Delta R.T. -0.000 min
 Lab File: VU062505.D
 Acq: 20 Dec 2024 06:24

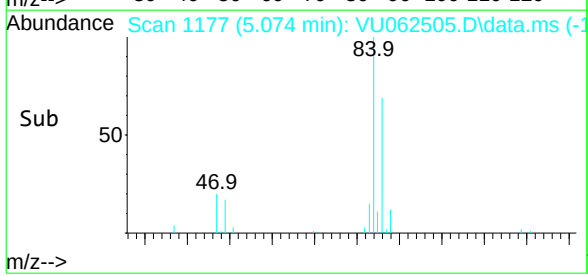
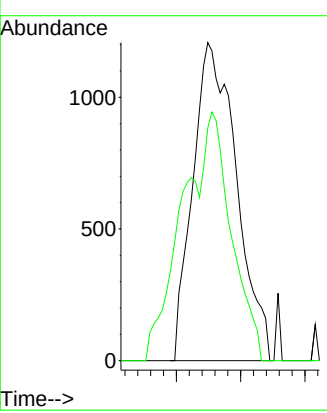
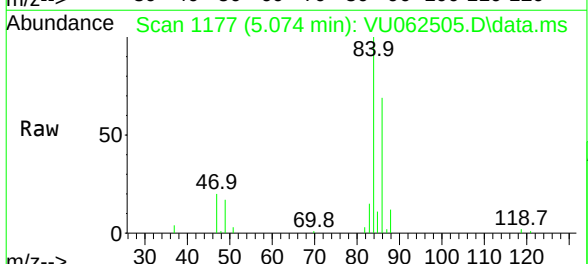
Instrument :
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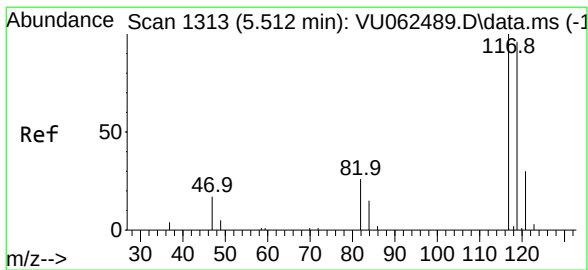
Tgt Ion: 96	Resp: 2504
Ion Ratio	Lower Upper
96 100	
61 114.4	92.0 170.8
98 65.1	44.5 82.7



#25
 Chloroform
 Concen: 0.255 ug/L
 RT: 5.074 min Scan# 1177
 Delta R.T. -0.003 min
 Lab File: VU062505.D
 Acq: 20 Dec 2024 06:24

Tgt Ion: 83	Resp: 2848
Ion Ratio	Lower Upper
83 100	
85 73.2	45.4 84.2

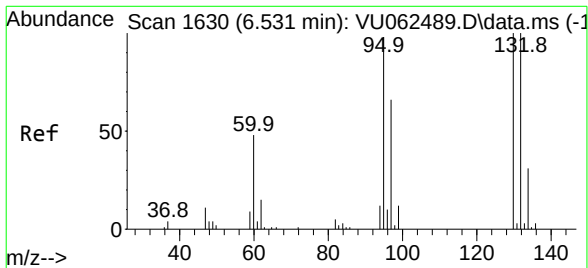
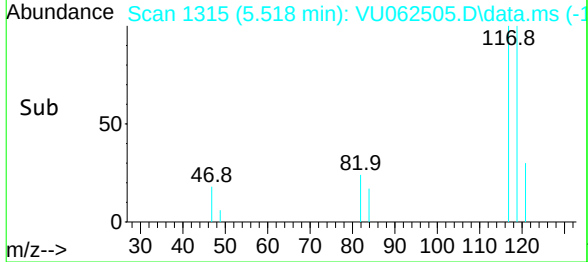
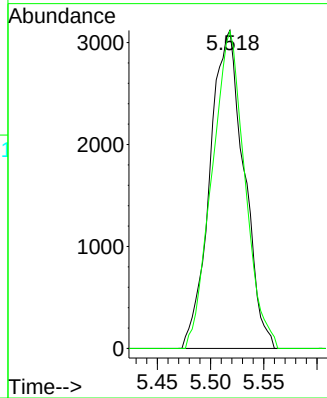
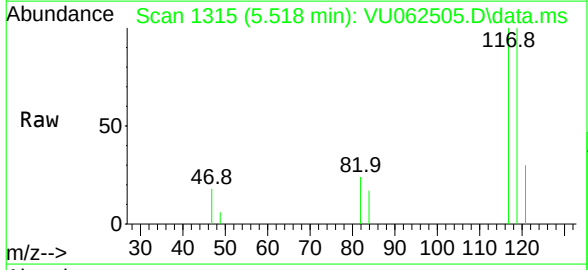




#31
Carbon tetrachloride
Concen: 0.724 ug/L
RT: 5.518 min Scan# 1313
Delta R.T. 0.006 min
Lab File: VU062505.D
Acq: 20 Dec 2024 06:24

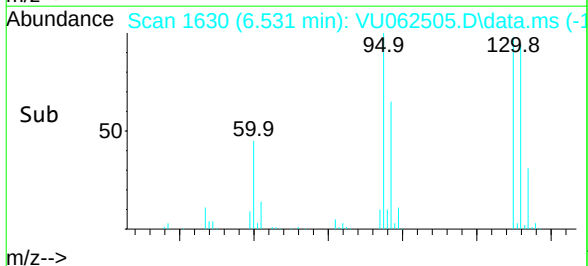
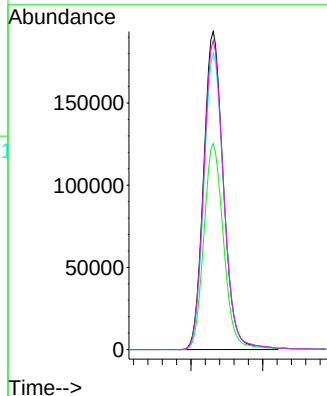
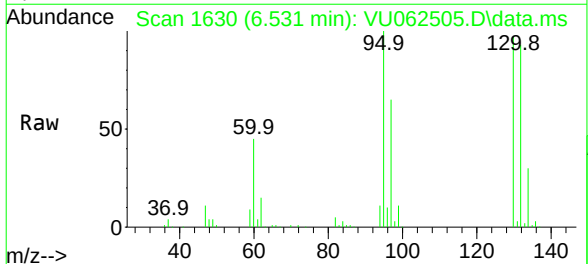
Instrument :
MSVOA_U
ClientSampleId :
C0CK1

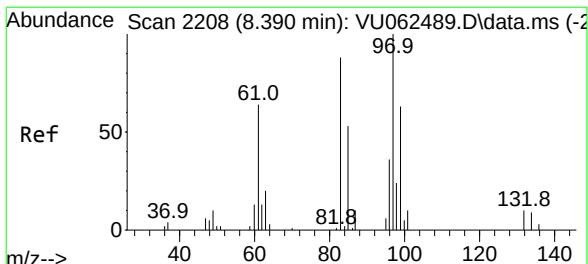
Tgt Ion: 117 Resp: 6952
Ion Ratio Lower Upper
117 100
119 96.0 77.5 116.3



#34
Trichloroethene
Concen: 56.654 ug/L
RT: 6.531 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VU062505.D
Acq: 20 Dec 2024 06:24

Tgt Ion: 95 Resp: 370393
Ion Ratio Lower Upper
95 100
97 64.8 45.9 85.3
132 93.3 63.8 118.4
130 97.1 65.5 121.7

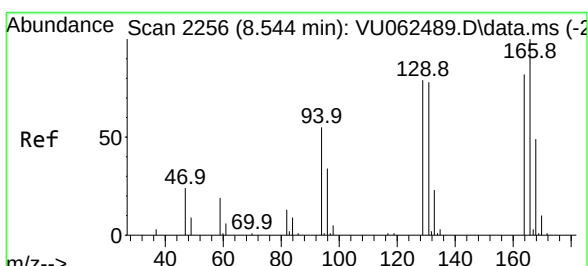
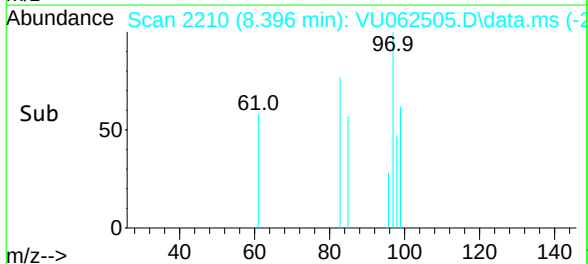
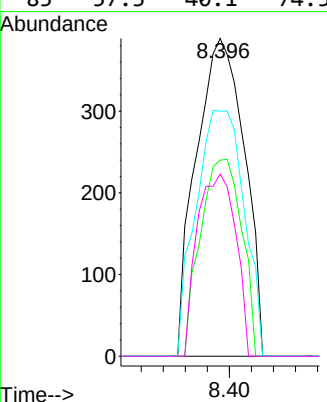
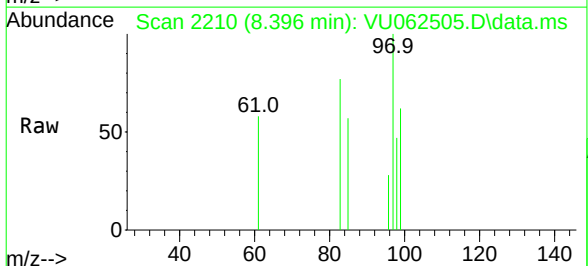




#45
 1,1,2-Trichloroethane
 Concen: 0.139 ug/L
 RT: 8.396 min Scan# 2210
 Delta R.T. 0.006 min
 Lab File: VU062505.D
 Acq: 20 Dec 2024 06:24

Instrument : MSVOA_U
 ClientSampleId : C0CK1

Tgt Ion:	97	Resp:	591
Ion	Ratio	Lower	Upper
97	100		
99	61.7	43.0	79.8
83	77.1	61.7	114.5
85	57.3	40.1	74.5



#47
 Tetrachloroethene
 Concen: 174.248 ug/L
 RT: 8.544 min Scan# 2256
 Delta R.T. -0.000 min
 Lab File: VU062505.D
 Acq: 20 Dec 2024 06:24

Tgt Ion:	164	Resp:	879572
Ion	Ratio	Lower	Upper
164	100		
129	98.3	73.2	136.0
131	95.5	72.3	134.3
166	127.5	90.2	167.4

