

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122724\
 Data File : VU062627.D
 Acq On : 27 Dec 2024 18:59
 Operator : MD/SY
 Sample : P5344-13
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0CH8

Quant Time: Dec 27 22:12:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 27 21:56:24 2024
 Response via : Initial Calibration

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

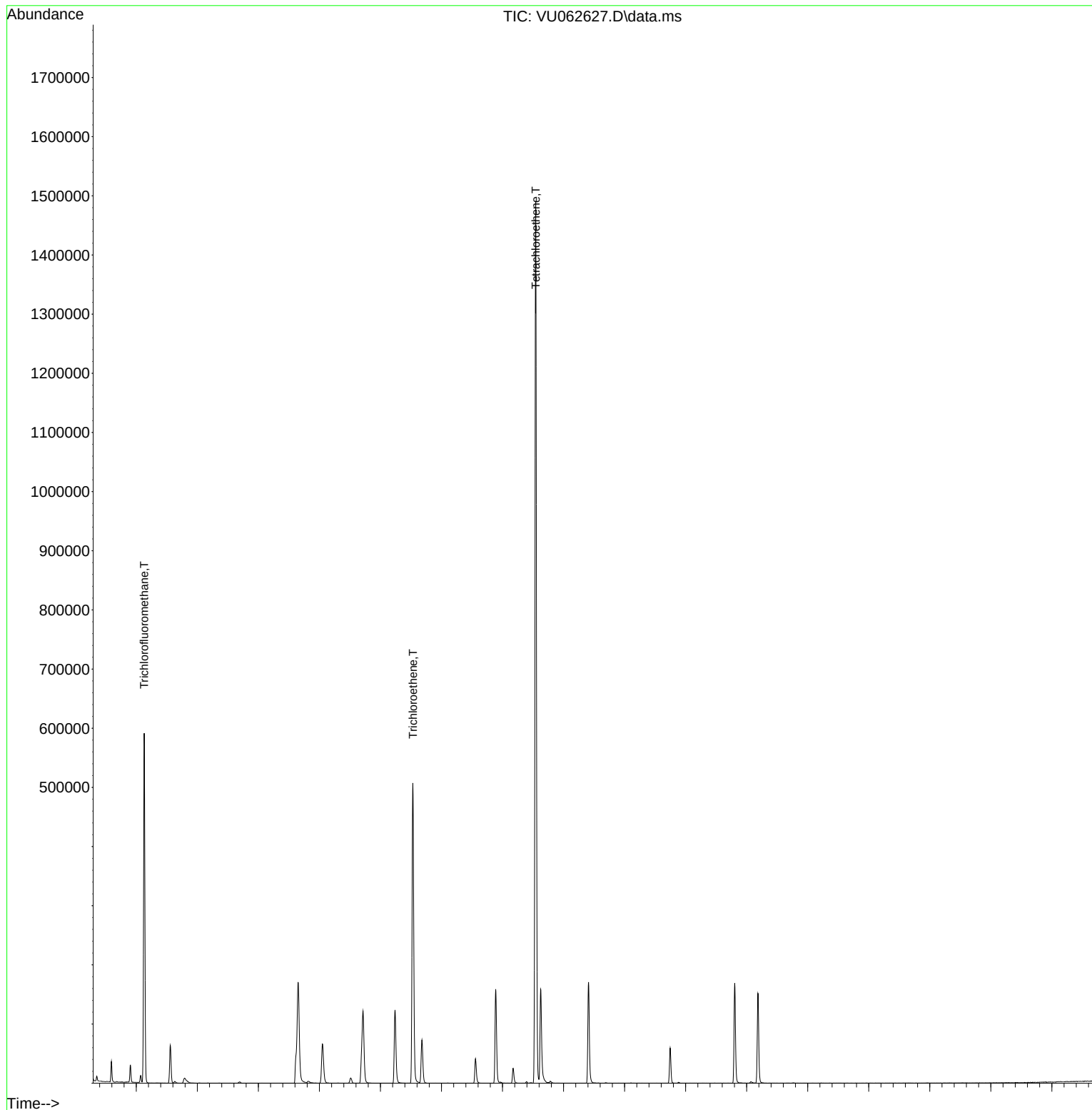
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	102453	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	97104	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	47993	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	23543	3.407	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.200%
7) Chloroethane-d5	1.901	69	19772	4.022	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.400%
11) 1,1-Dichloroethene-d2	2.557	65	12135	3.691	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.800%
20) 2-Butanone-d5	4.615	46	62172	46.944	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.880%
24) Chloroform-d	5.052	84	64145	4.289	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.800%
26) 1,2-Dichloroethane-d4	5.692	65	37716	5.128	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.600%
32) Benzene-d6	5.714	84	114399	4.090	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.800%
36) 1,2-Dichloropropane-d6	6.679	67	32834	4.103	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.000%
41) Toluene-d8	7.888	98	109349	4.139	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.800%
43) trans-1,3-Dichloroprop...	8.174	79	16126	4.578	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.600%
46) 2-Hexanone-d5	8.624	63	57553	54.161	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.320%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	28121	4.516	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	42581	4.815	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.200%
Target Compounds						
9) Trichlorofluoromethane	2.129	101	393610	28.955	ug/L	98
13) Acetone	2.631	43	4151	4.603	ug/L	98
22) cis-1,2-Dichloroethene	4.650	96	90414	11.349	ug/L	96
25) Chloroform	5.078	83	3550	0.242	ug/L	98
31) Carbon tetrachloride	5.512	117	6339	0.506	ug/L	94
34) Trichloroethene	6.531	95	179257	21.029	ug/L	98
45) 1,1,2-Trichloroethane	8.393	97	1035	0.187	ug/L	92
47) Tetrachloroethene	8.544	164	319947	48.613	ug/L	95

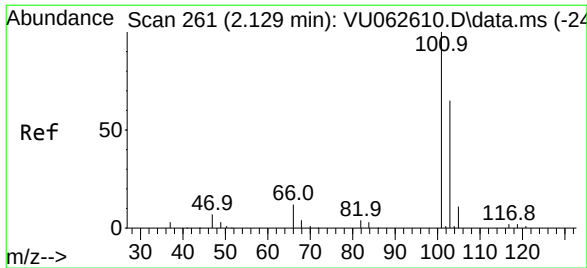
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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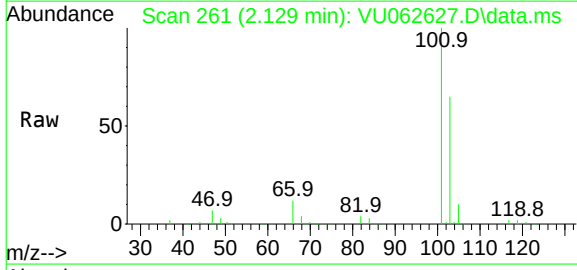
Quant Time: Dec 27 22:12:30 2024
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Quant Title : TRACE VOA SFAM1.0
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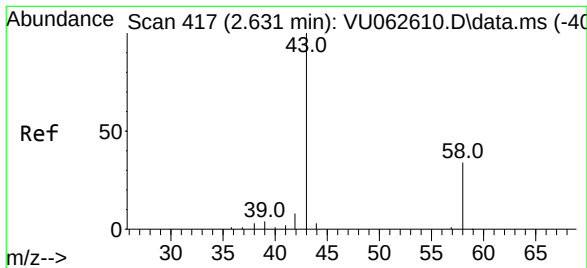
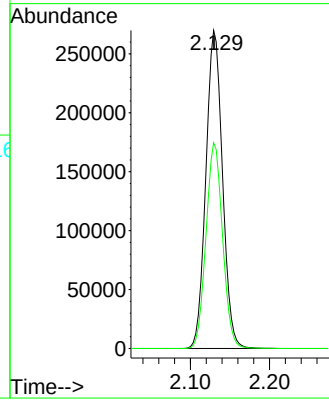
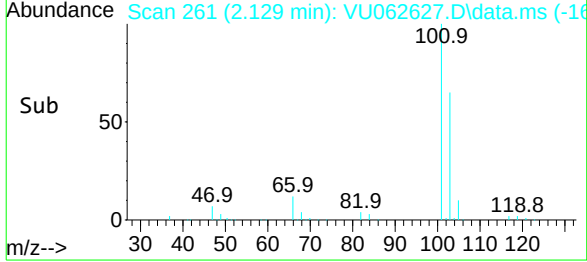


#9
Trichlorofluoromethane
Concen: 28.955 ug/L
RT: 2.129 min Scan# 261
Delta R.T. -0.000 min
Lab File: VU062627.D
Acq: 27 Dec 2024 18:59

Instrument :
MSVOA_U
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C0CH8

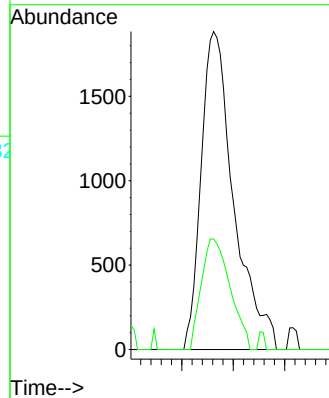
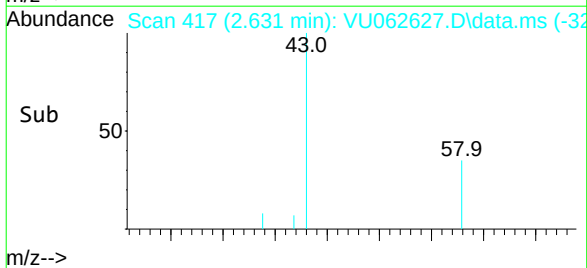
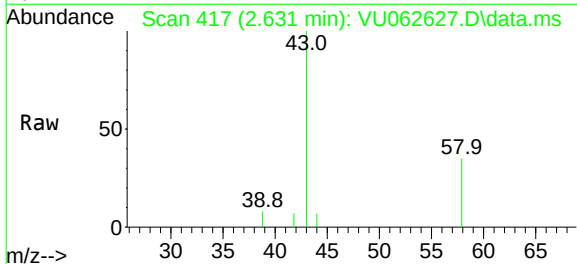


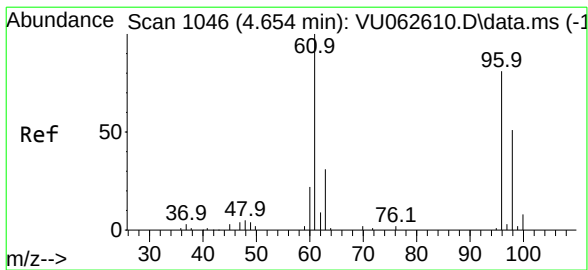
Tgt Ion:101 Resp: 393610
Ion Ratio Lower Upper
101 100
103 64.6 50.6 75.8



#13
Acetone
Concen: 4.603 ug/L
RT: 2.631 min Scan# 417
Delta R.T. -0.000 min
Lab File: VU062627.D
Acq: 27 Dec 2024 18:59

Tgt Ion: 43 Resp: 4151
Ion Ratio Lower Upper
43 100
58 30.7 0.0 64.0

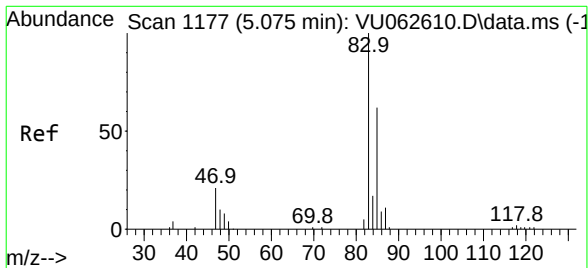
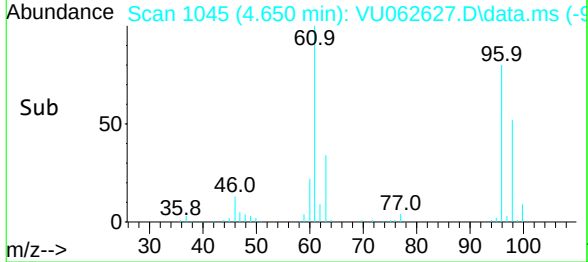
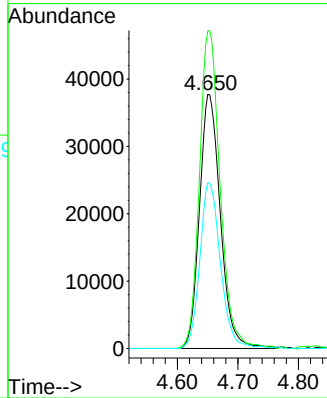
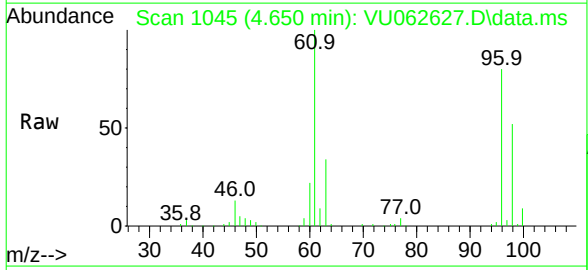




#22
cis-1,2-Dichloroethene
Concen: 11.349 ug/L
RT: 4.650 min Scan# 1045
Delta R.T. -0.003 min
Lab File: VU062627.D
Acq: 27 Dec 2024 18:59

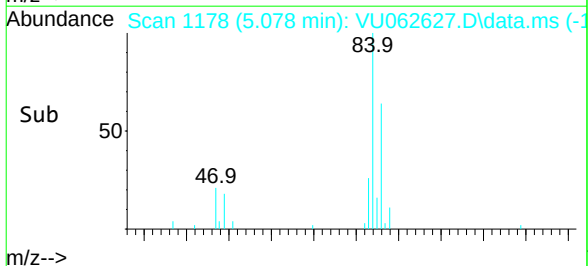
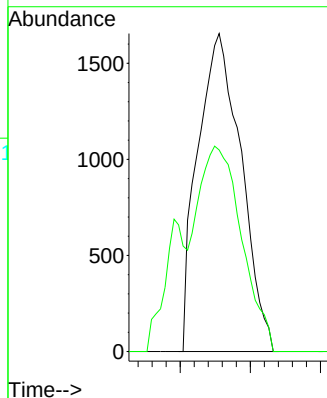
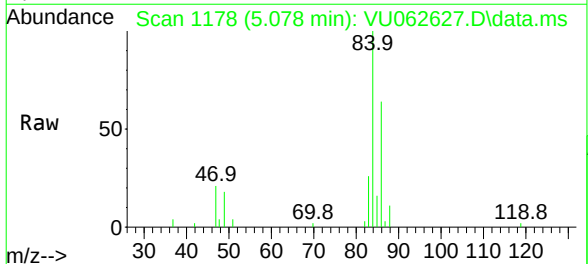
Instrument :
MSVOA_U
ClientSampleId :
C0CH8

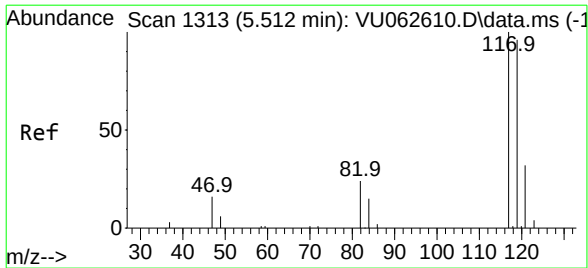
Tgt Ion:	96	Resp:	90414
Ion	Ratio	Lower	Upper
96	100		
61	124.9	92.0	170.8
98	65.2	44.5	82.7



#25
Chloroform
Concen: 0.242 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. 0.003 min
Lab File: VU062627.D
Acq: 27 Dec 2024 18:59

Tgt Ion:	83	Resp:	3550
Ion	Ratio	Lower	Upper
83	100		
85	63.4	45.4	84.2

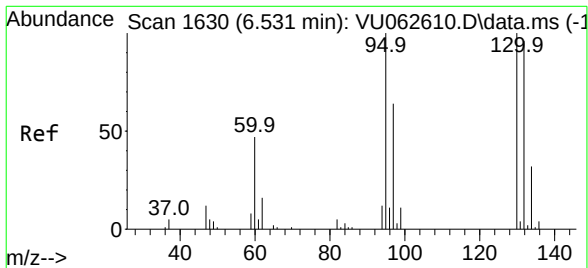
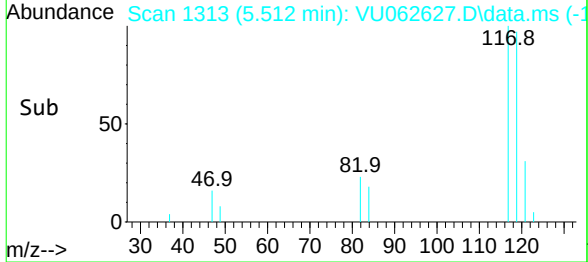
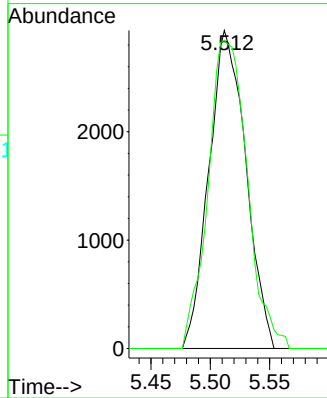
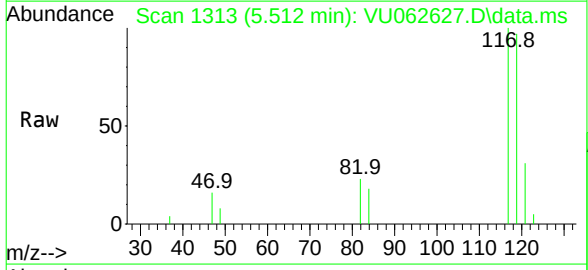




#31
Carbon tetrachloride
Concen: 0.506 ug/L
RT: 5.512 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VU062627.D
Acq: 27 Dec 2024 18:59

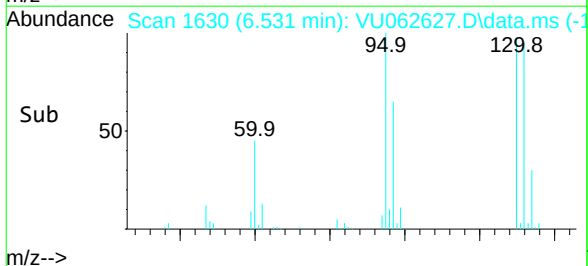
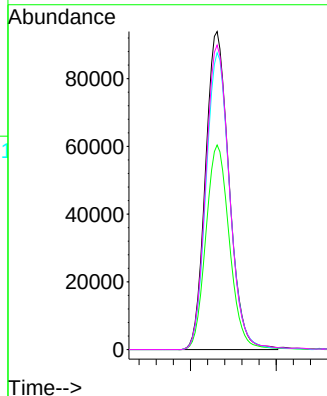
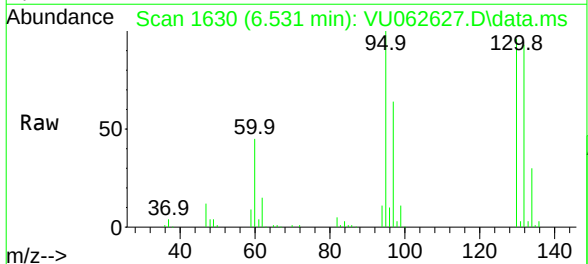
Instrument :
MSVOA_U
ClientSampleId :
C0CH8

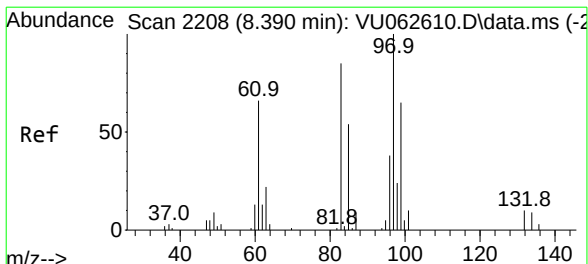
Tgt Ion:117 Resp: 6339
Ion Ratio Lower Upper
117 100
119 103.2 77.5 116.3



#34
Trichloroethene
Concen: 21.029 ug/L
RT: 6.531 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VU062627.D
Acq: 27 Dec 2024 18:59

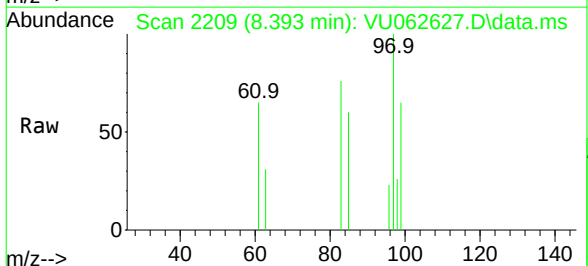
Tgt Ion: 95 Resp: 179257
Ion Ratio Lower Upper
95 100
97 64.3 45.9 85.3
132 93.3 63.8 118.4
130 95.7 65.5 121.7



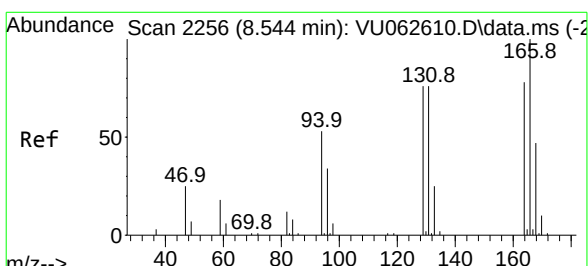
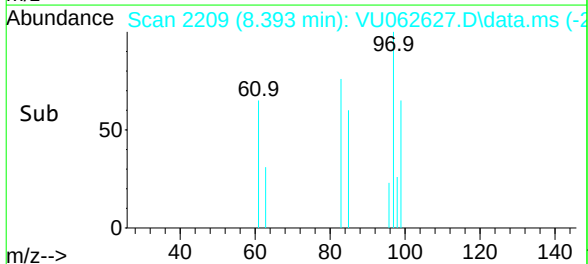
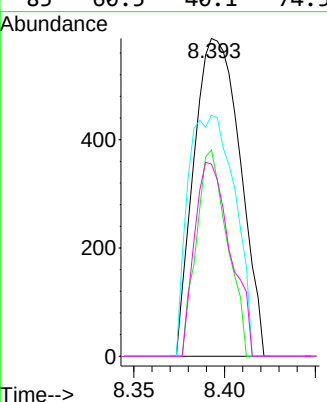


#45
 1,1,2-Trichloroethane
 Concen: 0.187 ug/L
 RT: 8.393 min Scan# 2209
 Delta R.T. 0.003 min
 Lab File: VU062627.D
 Acq: 27 Dec 2024 18:59

Instrument :
 MSVOA_U
 ClientSampleId :
 C0CH8



Tgt Ion:	97	Resp:	1035
Ion	Ratio	Lower	Upper
97	100		
99	64.9	43.0	79.8
83	75.8	61.7	114.5
85	60.5	40.1	74.5



#47
 Tetrachloroethene
 Concen: 48.613 ug/L
 RT: 8.544 min Scan# 2256
 Delta R.T. -0.000 min
 Lab File: VU062627.D
 Acq: 27 Dec 2024 18:59

Tgt Ion:	164	Resp:	319947
Ion	Ratio	Lower	Upper
164	100		
129	97.5	73.2	136.0
131	95.2	72.3	134.3
166	126.7	90.2	167.4

