

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121724\
 Data File : VU062380.D
 Acq On : 17 Dec 2024 11:40
 Operator : MD/SY
 Sample : P5274-06
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH8B5

Quant Time: Dec 18 00:13:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 18 00:11:18 2024
 Response via : Initial Calibration

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

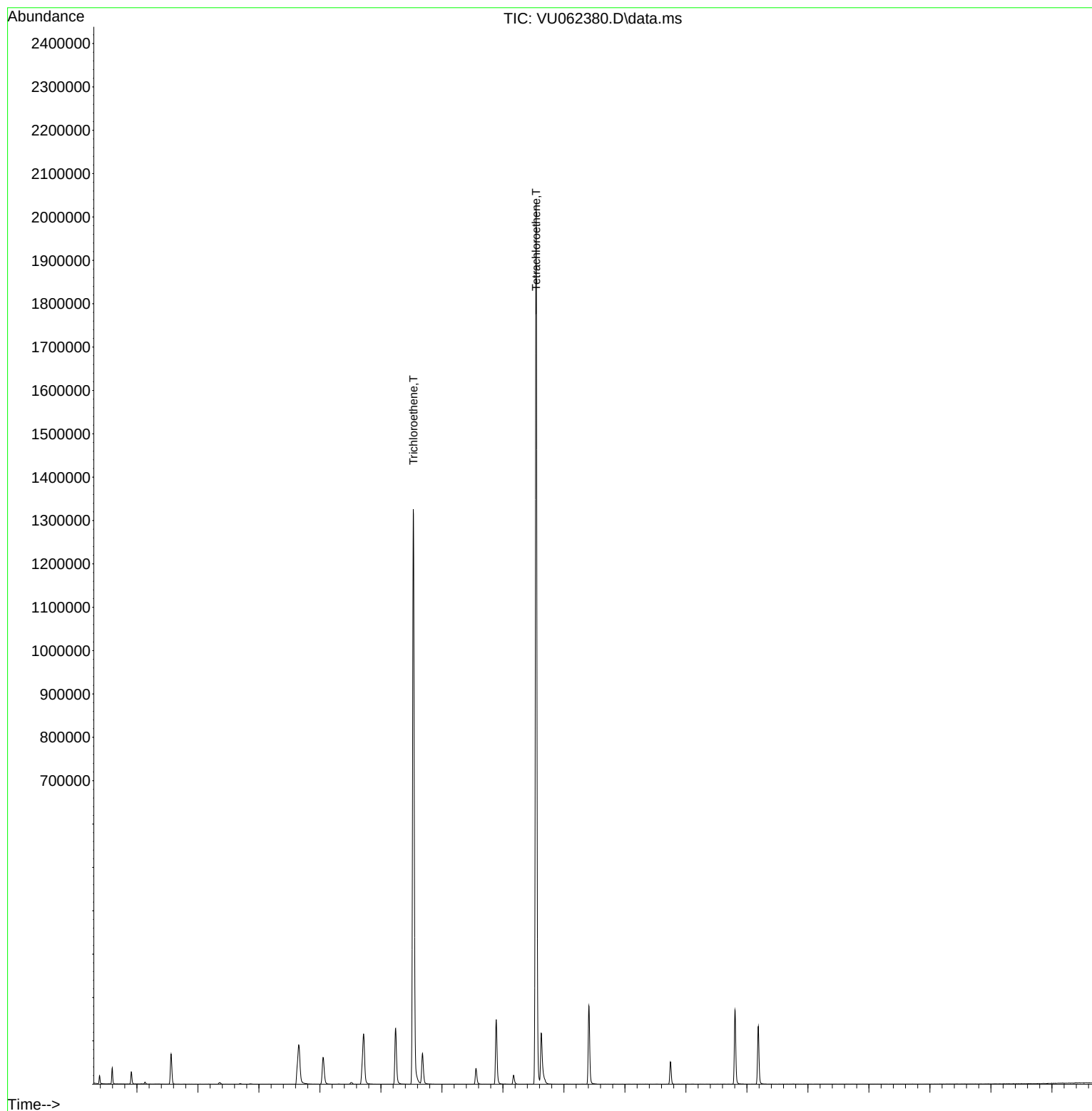
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	109465	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	104349	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	49272	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	25254	3.420	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.400%
7) Chloroethane-d5	1.907	69	20295	3.864	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.200%
11) 1,1-Dichloroethene-d2	2.557	65	12679	3.610	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.200%
20) 2-Butanone-d5	4.628	46	53375	37.720	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	75.440%
24) Chloroform-d	5.052	84	61841	3.870	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.400%
26) 1,2-Dichloroethane-d4	5.692	65	32426	4.127	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.600%
32) Benzene-d6	5.718	84	109779	3.653	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.000%
36) 1,2-Dichloropropane-d6	6.682	67	32354	3.762	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	75.200%
41) Toluene-d8	7.891	98	104510	3.681	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.600%
43) trans-1,3-Dichloroprop...	8.174	79	13318	3.519	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.400%
46) 2-Hexanone-d5	8.627	63	40795	35.725	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	71.440%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	24645	3.683	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	73.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	36819	4.055	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	81.200%
Target Compounds						
2) Dichlorodifluoromethane	1.383	85	1728	0.169	ug/L	96
9) Trichlorofluoromethane	2.132	101	2974	0.205	ug/L	95
12) 1,1-Dichloroethene	2.573	96	1787	0.242	ug/L #	1
17) Methyl tert-butyl Ether	3.357	73	3512	0.191	ug/L #	87
22) cis-1,2-Dichloroethene	4.660	96	43435	5.103	ug/L	89
31) Carbon tetrachloride	5.512	117	3254	0.242	ug/L #	50
34) Trichloroethene	6.531	95	468461	51.141	ug/L	97
47) Tetrachloroethene	8.544	164	452888	64.035	ug/L	95

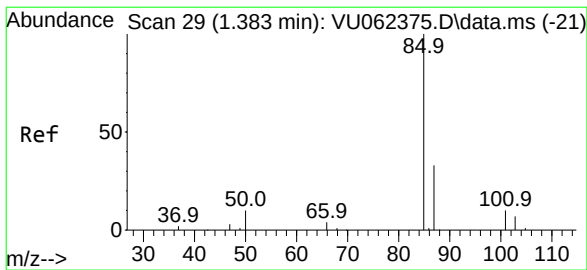
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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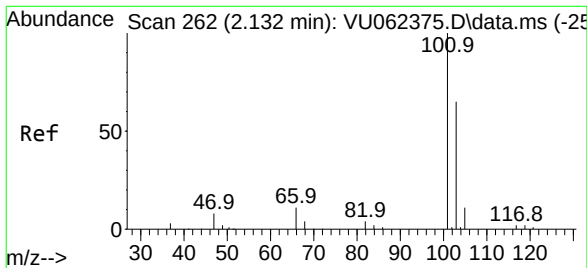
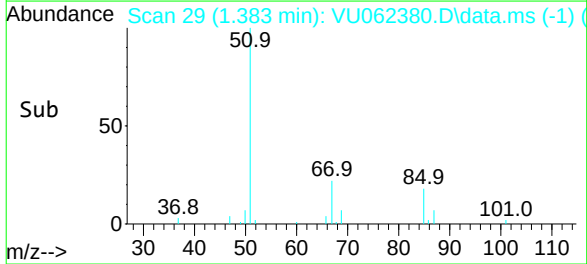
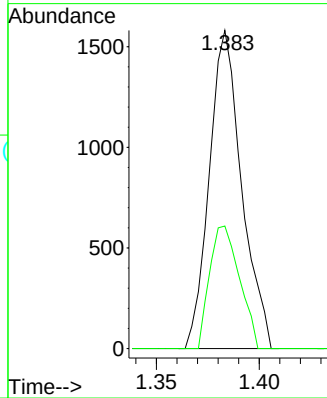
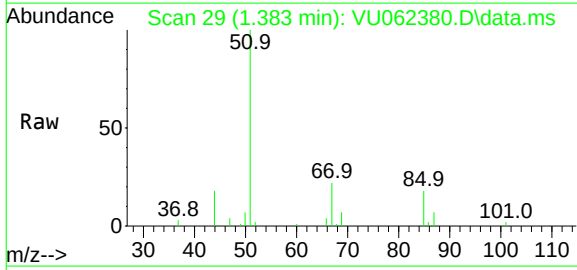




#2
 Dichlorodifluoromethane
 Concen: 0.169 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: VU062380.D
 Acq: 17 Dec 2024 11:40

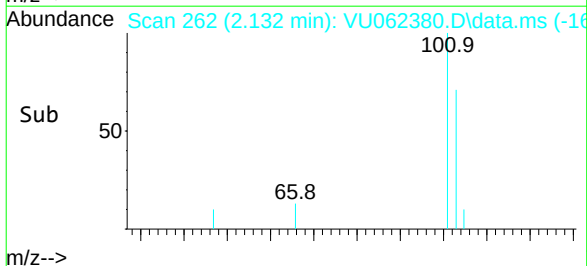
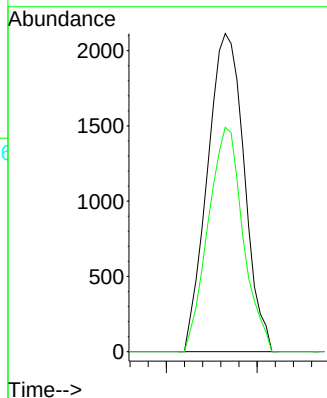
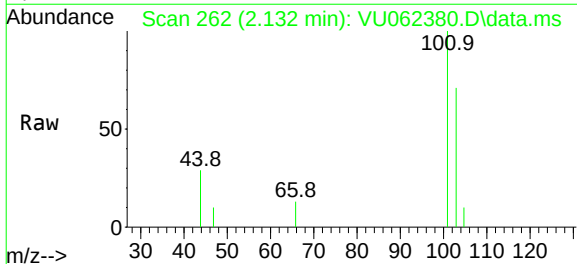
Instrument :
 MSVOA_U
 ClientSampleId :
 BH8B5

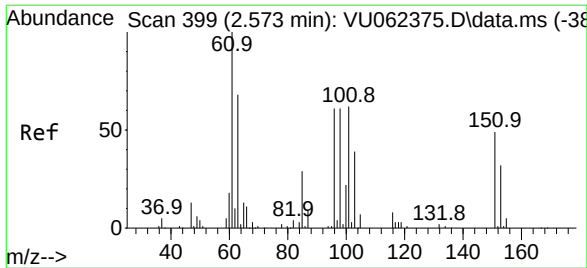
Tgt Ion	Ratio	Lower	Upper
85	100		
87	35.5	26.6	40.0



#9
 Trichlorofluoromethane
 Concen: 0.205 ug/L
 RT: 2.132 min Scan# 262
 Delta R.T. 0.000 min
 Lab File: VU062380.D
 Acq: 17 Dec 2024 11:40

Tgt Ion	Ratio	Lower	Upper
101	100		
103	66.9	50.6	75.8

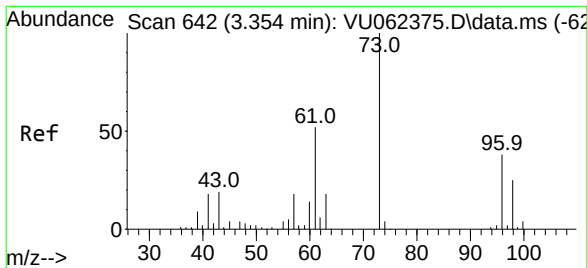
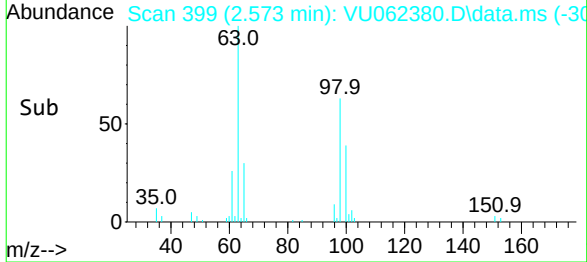
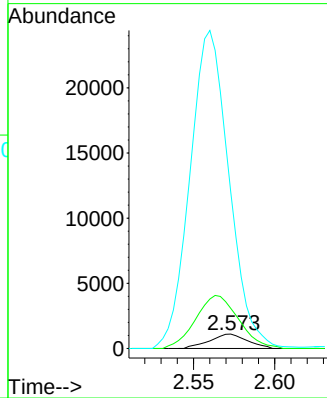
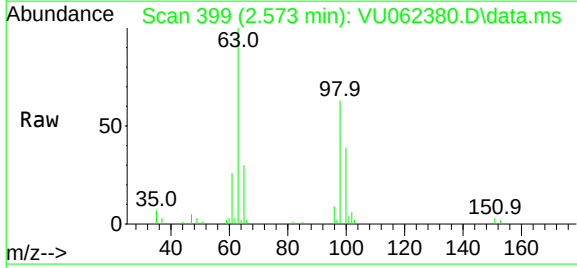




#12
1,1-Dichloroethene
Concen: 0.242 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU062380.D
Acq: 17 Dec 2024 11:40

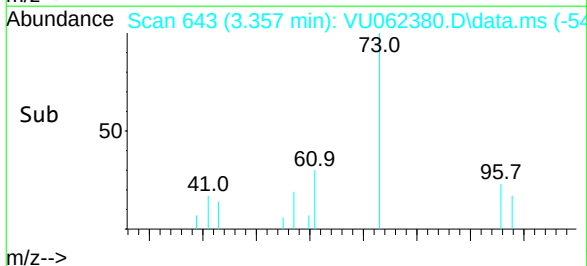
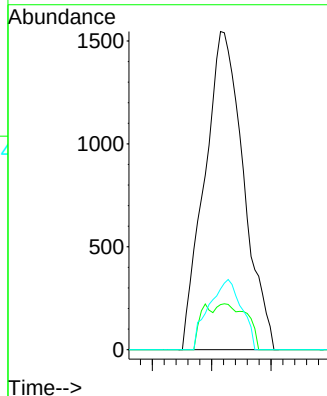
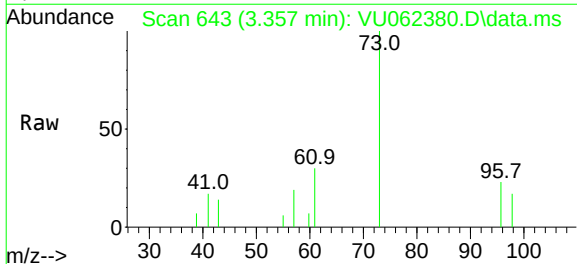
Instrument :
MSVOA_U
ClientSampleId :
BH8B5

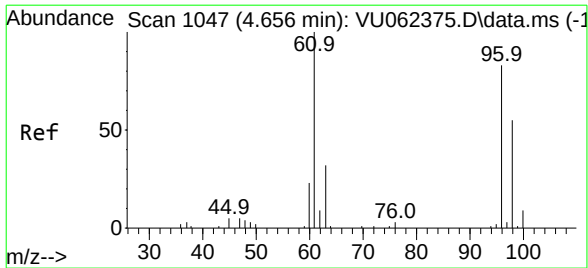
Tgt Ion: 96 Resp: 1787
Ion Ratio Lower Upper
96 100
61 277.9 119.6 222.2#
63 1083.6 65.0 120.6#



#17
Methyl tert-butyl Ether
Concen: 0.191 ug/L
RT: 3.357 min Scan# 643
Delta R.T. 0.003 min
Lab File: VU062380.D
Acq: 17 Dec 2024 11:40

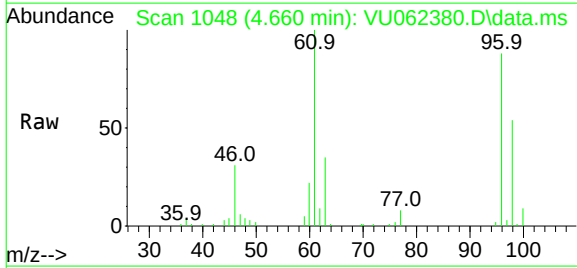
Tgt Ion: 73 Resp: 3512
Ion Ratio Lower Upper
73 100
43 11.3 16.3 24.5#
57 18.6 17.1 25.7



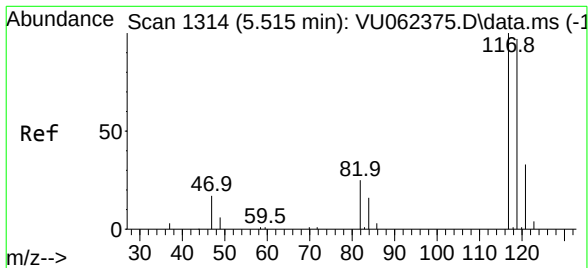
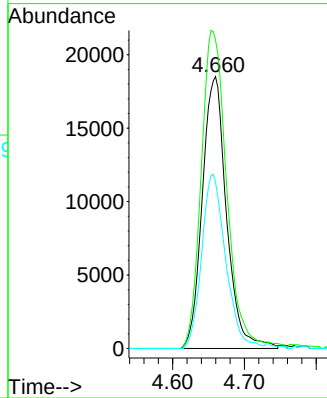
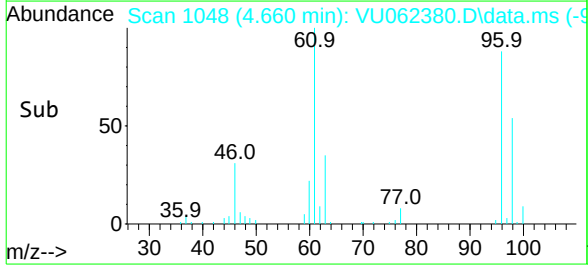


#22
 cis-1,2-Dichloroethene
 Concen: 5.103 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. 0.003 min
 Lab File: VU062380.D
 Acq: 17 Dec 2024 11:40

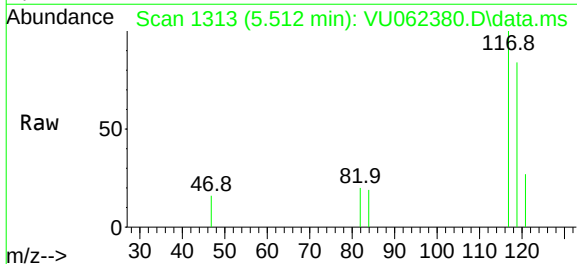
Instrument :
 MSVOA_U
 ClientSampleId :
 BH8B5



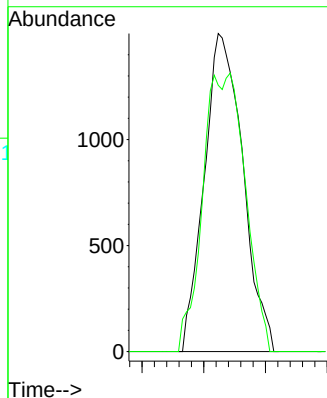
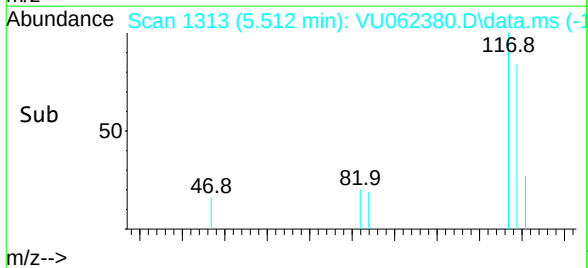
Tgt Ion:	96	Resp:	43435
Ion	Ratio	Lower	Upper
96	100		
61	113.4	92.0	170.8
98	61.2	44.5	82.7

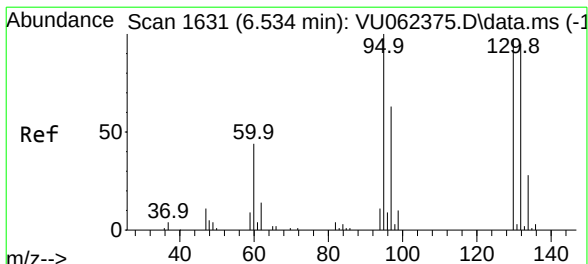


#31
 Carbon tetrachloride
 Concen: 0.242 ug/L
 RT: 5.512 min Scan# 1313
 Delta R.T. -0.003 min
 Lab File: VU062380.D
 Acq: 17 Dec 2024 11:40



Tgt Ion:	117	Resp:	3254
Ion	Ratio	Lower	Upper
117	100		
119	47.8	77.5	116.3#

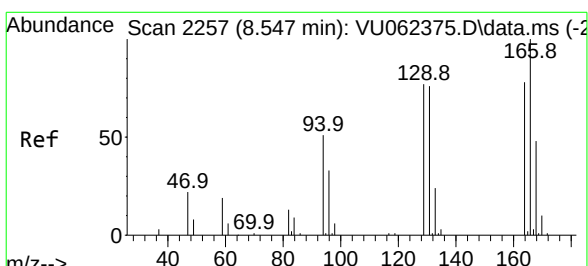
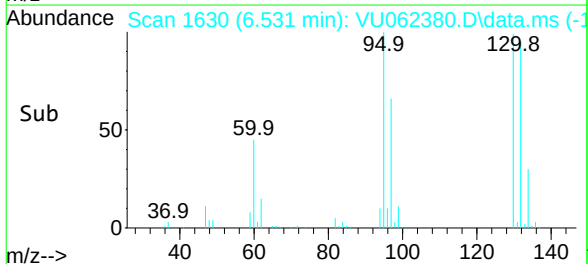
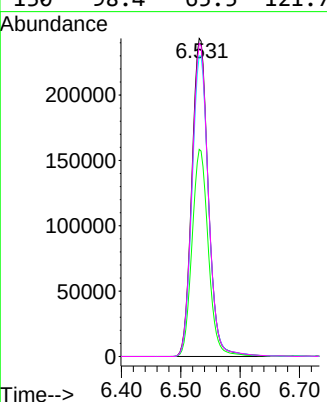
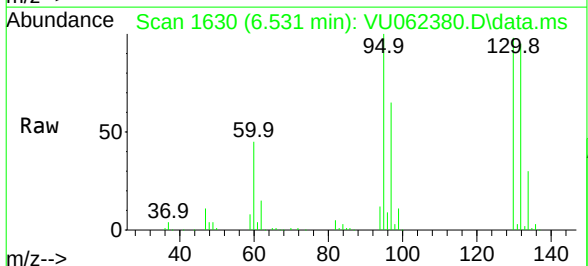




#34
 Trichloroethene
 Concen: 51.141 ug/L
 RT: 6.531 min Scan# 16
 Delta R.T. -0.003 min
 Lab File: VU062380.D
 Acq: 17 Dec 2024 11:40

Instrument :
 MSVOA_U
 ClientSampleId :
 BH8B5

Tgt Ion:	95	Resp:	468461
Ion	Ratio	Lower	Upper
95	100		
97	65.1	45.9	85.3
132	94.5	63.8	118.4
130	98.4	65.5	121.7



#47
 Tetrachloroethene
 Concen: 64.035 ug/L
 RT: 8.544 min Scan# 2256
 Delta R.T. -0.003 min
 Lab File: VU062380.D
 Acq: 17 Dec 2024 11:40

Tgt Ion:	164	Resp:	452888
Ion	Ratio	Lower	Upper
164	100		
129	99.3	73.2	136.0
131	95.0	72.3	134.3
166	127.0	90.2	167.4

