

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011625\
 Data File : VU062820.D
 Acq On : 16 Jan 2025 15:23
 Operator : MD/SY
 Sample : Q1057-02
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH8T1

Quant Time: Jan 16 22:07:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 16 22:02:47 2025
 Response via : Initial Calibration

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

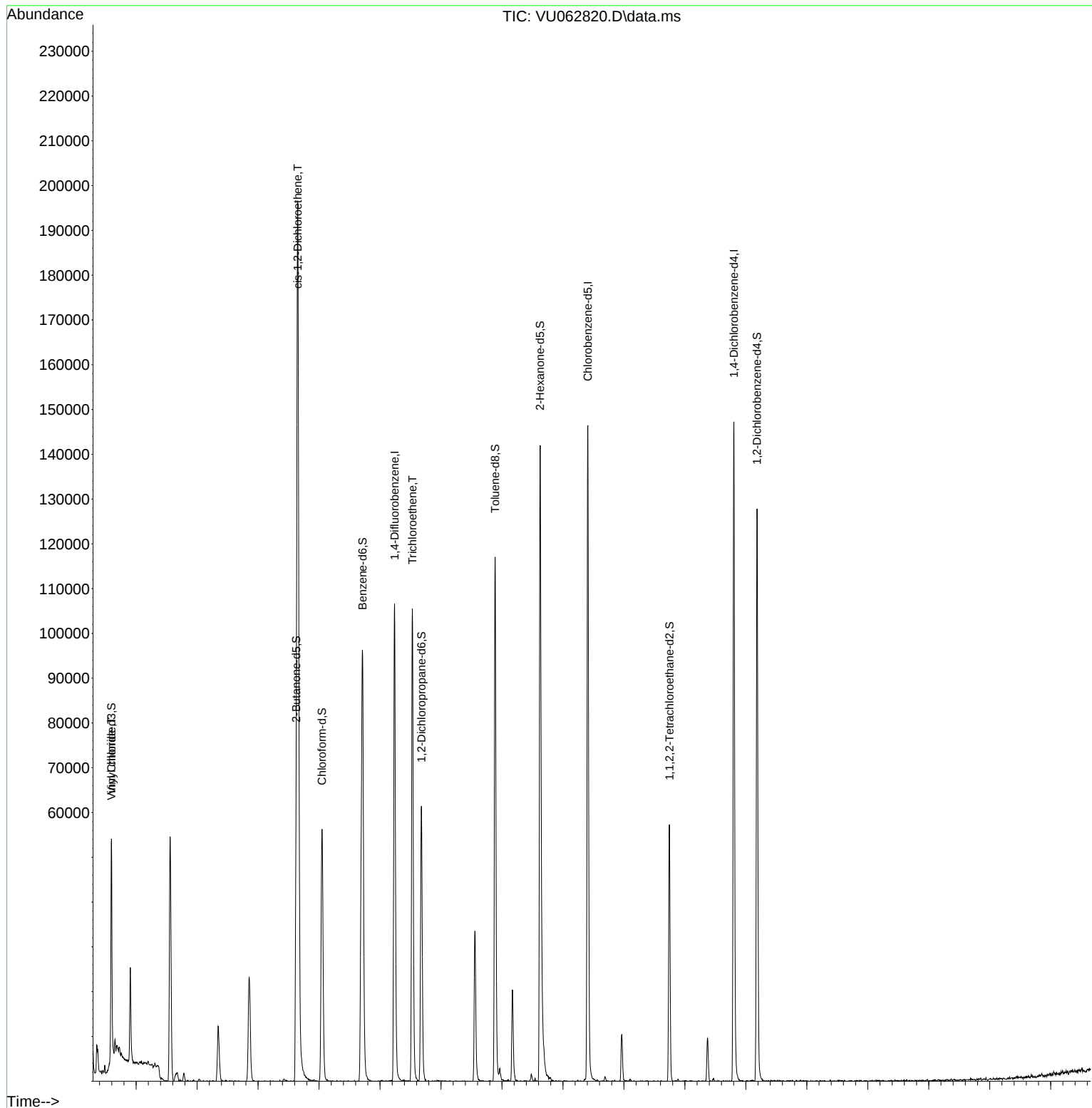
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	89254	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	83590	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	41866	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	13279	2.686	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	53.800%
7) Chloroethane-d5	1.904	69	14376	3.615	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.400%
11) 1,1-Dichloroethene-d2	2.554	65	8582	3.351	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.000%
20) 2-Butanone-d5	4.624	46	61082	60.459	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.920%
24) Chloroform-d	5.049	84	57435	4.722	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
26) 1,2-Dichloroethane-d4	5.688	65	33538	5.084	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.600%
32) Benzene-d6	5.714	84	88798	4.346	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
36) 1,2-Dichloropropane-d6	6.679	67	26531	4.683	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.600%
41) Toluene-d8	7.888	98	80035	4.020	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.400%
43) trans-1,3-Dichloroprop...	8.171	79	13162	4.661	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.200%
46) 2-Hexanone-d5	8.624	63	52183	58.753	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.500%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	26350	5.554	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.000%
66) 1,2-Dichlorobenzene-d4	12.183	152	35716	5.128	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.600%
Target Compounds						
5) Vinyl chloride	1.595	62	20395	3.174	ug/L #	77
12) 1,1-Dichloroethene	2.570	96	6241	1.126	ug/L #	38
17) Methyl tert-butyl Ether	3.357	73	5711	0.375	ug/L #	73
18) trans-1,2-Dichloroethene	3.341	96	4028	0.679	ug/L	92
19) 1,1-Dichloroethane	3.853	63	26783	2.524	ug/L	95
22) cis-1,2-Dichloroethene	4.650	96	100695	15.577	ug/L	97
34) Trichloroethene	6.531	95	37018	4.512	ug/L	98

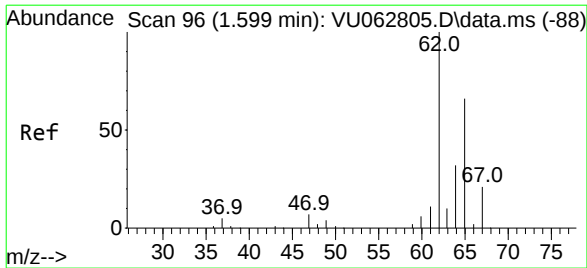
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BH8T1

Quant Time: Jan 16 22:07:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jan 16 22:02:47 2025
Response via : Initial Calibration

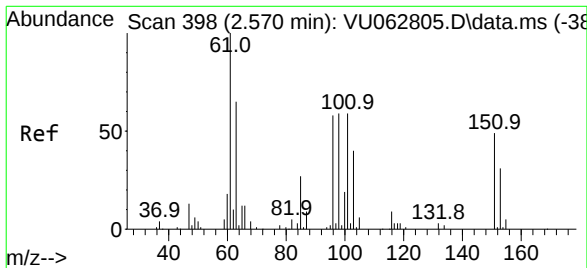
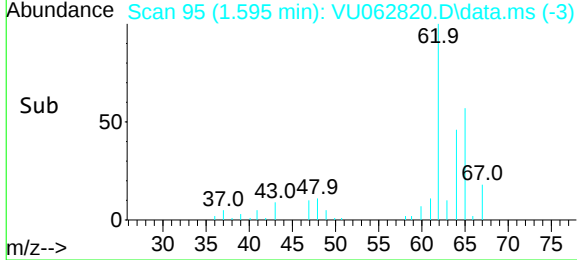
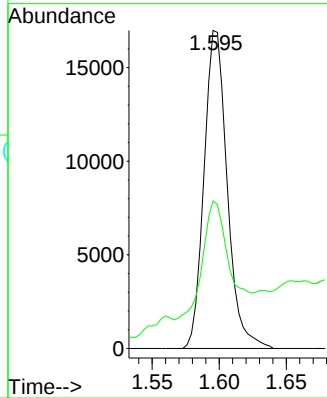
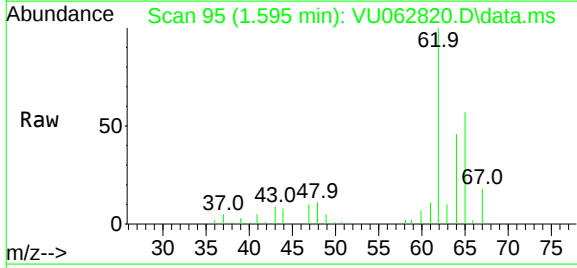




#5
 Vinyl chloride
 Concen: 3.174 ug/L
 RT: 1.595 min Scan# 95
 Delta R.T. -0.003 min
 Lab File: VU062820.D
 Acq: 16 Jan 2025 15:23

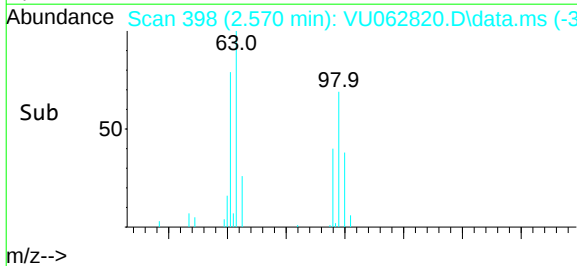
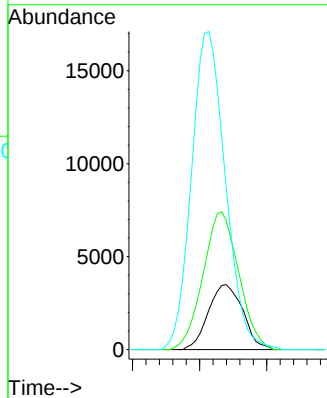
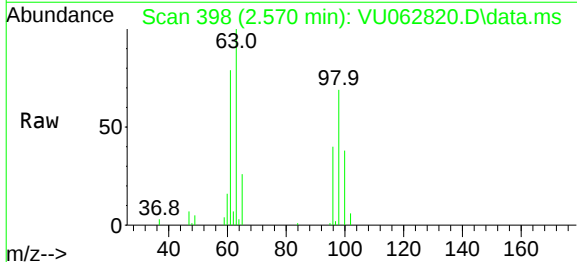
Instrument :
 MSVOA_U
 ClientSampleId :
 BH8T1

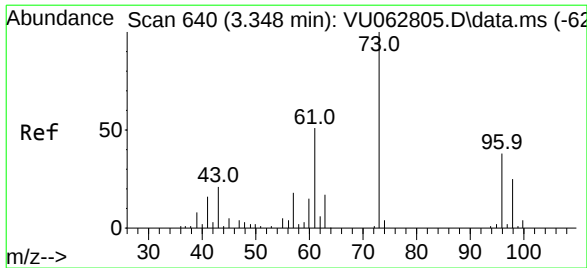
Tgt Ion: 62 Resp: 20395
 Ion Ratio Lower Upper
 62 100
 64 46.4 23.4 43.4#



#12
 1,1-Dichloroethene
 Concen: 1.126 ug/L
 RT: 2.570 min Scan# 398
 Delta R.T. 0.000 min
 Lab File: VU062820.D
 Acq: 16 Jan 2025 15:23

Tgt Ion: 96 Resp: 6241
 Ion Ratio Lower Upper
 96 100
 61 199.1 120.4 223.6
 63 252.8 82.3 152.9#

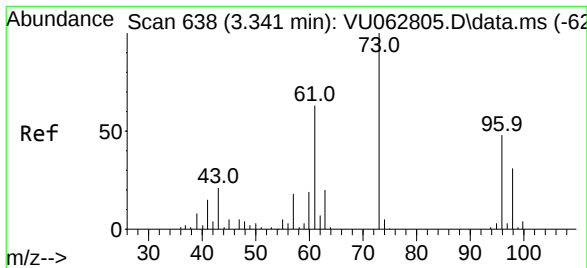
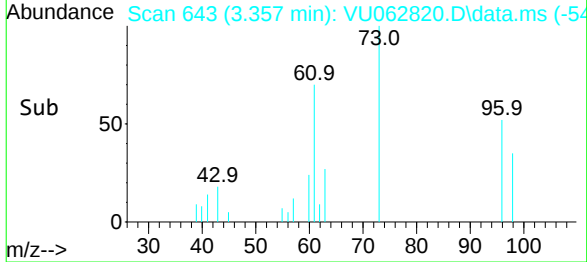
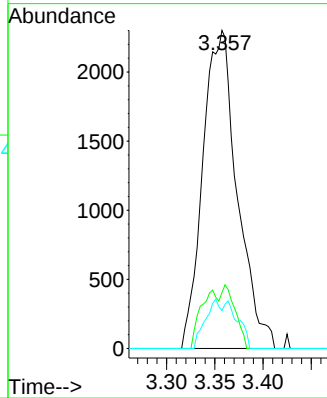
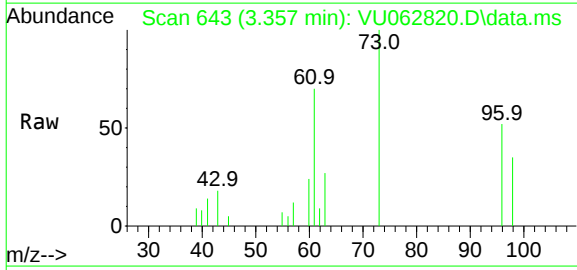




#17
Methyl tert-butyl Ether
Concen: 0.375 ug/L
RT: 3.357 min Scan# 643
Delta R.T. 0.010 min
Lab File: VU062820.D
Acq: 16 Jan 2025 15:23

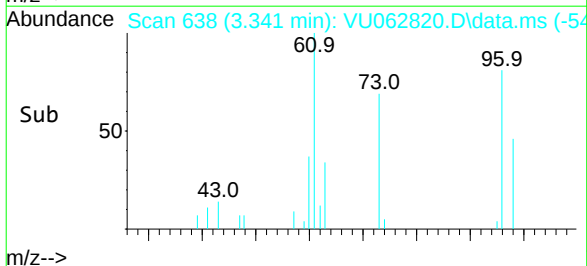
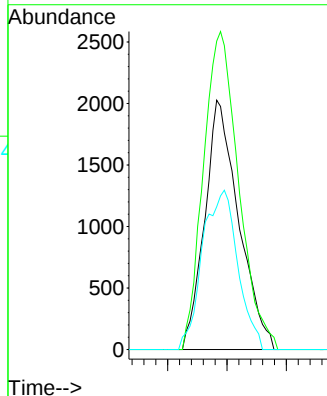
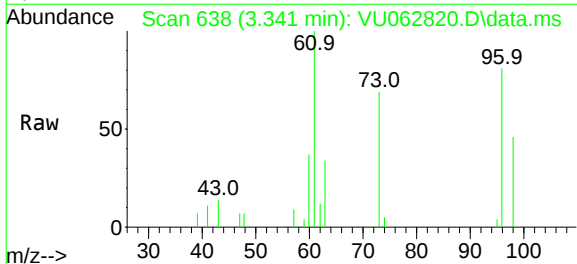
Instrument :
MSVOA_U
ClientSampleId :
BH8T1

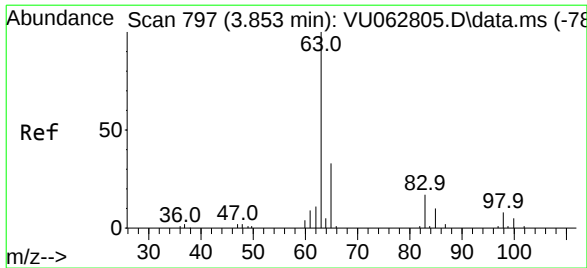
Tgt Ion: 73 Resp: 5711
Ion Ratio Lower Upper
73 100
43 8.2 16.2 24.4#
57 6.2 14.6 22.0#



#18
trans-1,2-Dichloroethene
Concen: 0.679 ug/L
RT: 3.341 min Scan# 638
Delta R.T. 0.000 min
Lab File: VU062820.D
Acq: 16 Jan 2025 15:23

Tgt Ion: 96 Resp: 4028
Ion Ratio Lower Upper
96 100
61 123.7 94.4 175.2
98 57.3 42.8 79.4

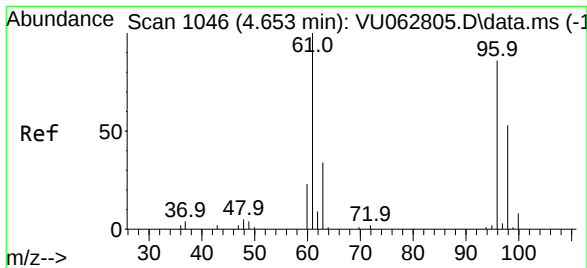
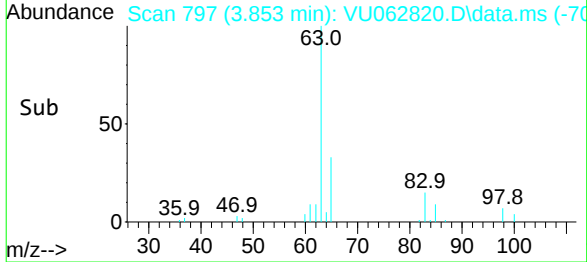
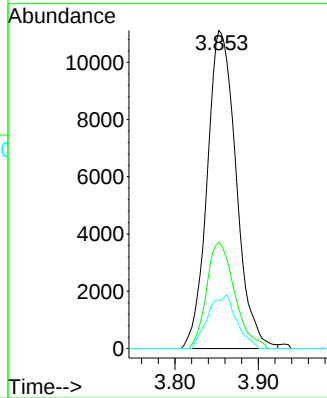
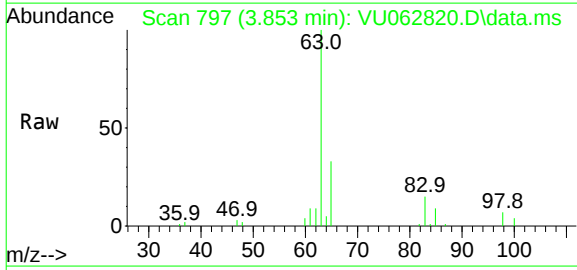




#19
1,1-Dichloroethane
Concen: 2.524 ug/L
RT: 3.853 min Scan# 797
Delta R.T. 0.000 min
Lab File: VU062820.D
Acq: 16 Jan 2025 15:23

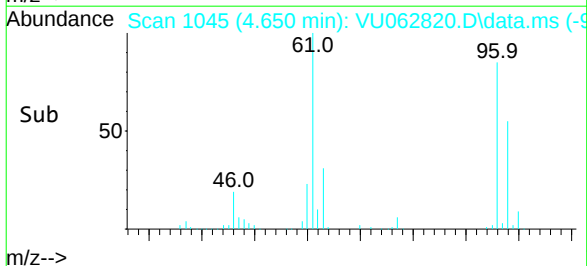
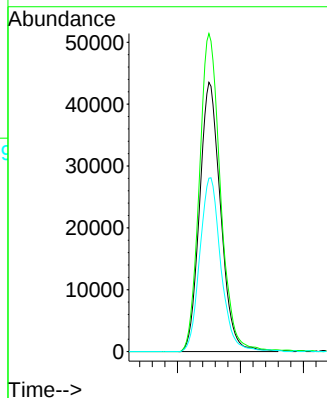
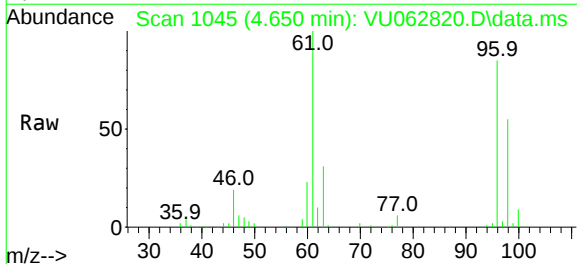
Instrument :
MSVOA_U
ClientSampleId :
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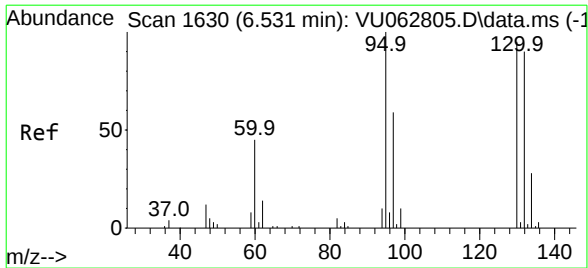
Tgt Ion:	63	Resp:	26783
Ion	Ratio	Lower	Upper
63	100		
65	33.4	20.7	38.5
83	15.2	10.5	19.5



#22
cis-1,2-Dichloroethene
Concen: 15.577 ug/L
RT: 4.650 min Scan# 1045
Delta R.T. -0.003 min
Lab File: VU062820.D
Acq: 16 Jan 2025 15:23

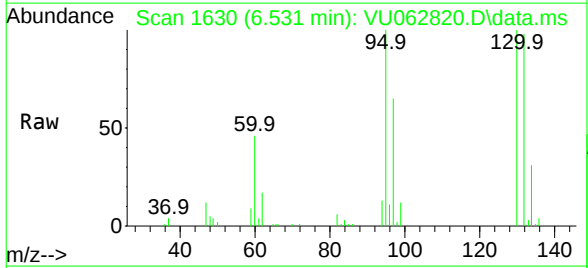
Tgt Ion:	96	Resp:	100695
Ion	Ratio	Lower	Upper
96	100		
61	118.1	84.8	157.6
98	64.4	43.1	80.1





#34
 Trichloroethene
 Concen: 4.512 ug/L
 RT: 6.531 min Scan# 16
 Delta R.T. 0.000 min
 Lab File: VU062820.D
 Acq: 16 Jan 2025 15:23

Instrument :
 MSVOA_U
 ClientSampleId :
 BH8T1



Tgt Ion:	95	Resp:	37018
Ion	Ratio	Lower	Upper
95	100		
97	65.3	47.5	88.3
132	98.2	66.9	124.3
130	99.6	68.6	127.4

