

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011425\
 Data File : VU062732.D
 Acq On : 14 Jan 2025 10:22
 Operator : MD/SY
 Sample : Q1058-02
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH8X1

Quant Time: Jan 15 00:32:05 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 15 00:31:11 2025
 Response via : Initial Calibration

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

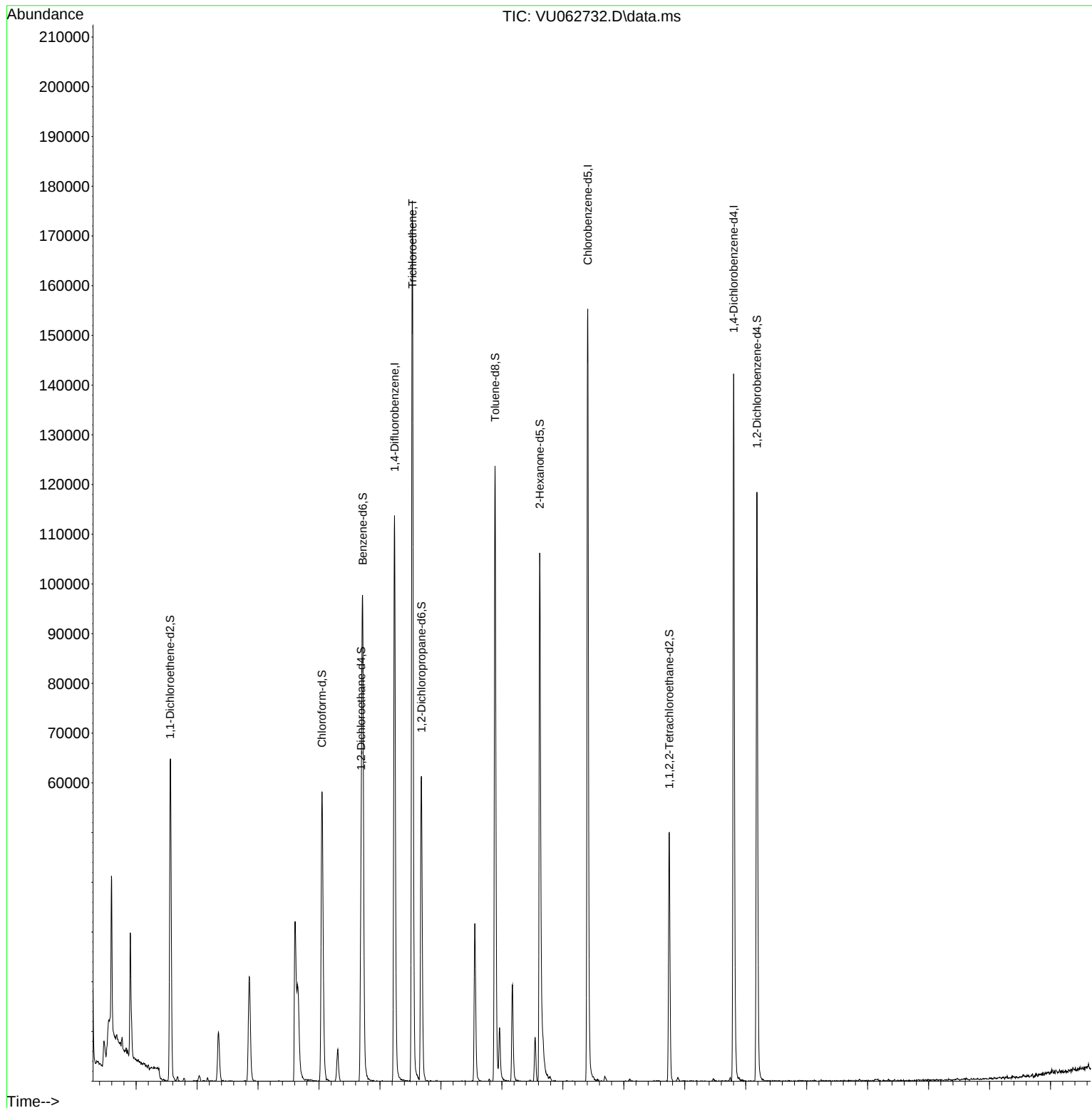
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	94037	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	88105	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	42040	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	17904	3.438	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.800%
7) Chloroethane-d5	1.904	69	17249	4.117	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.400%
11) 1,1-Dichloroethene-d2	2.557	65	10025	3.716	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.400%
20) 2-Butanone-d5	4.608	46	49499	46.502	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.000%
24) Chloroform-d	5.049	84	56302	4.394	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
26) 1,2-Dichloroethane-d4	5.692	65	32556	4.684	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
32) Benzene-d6	5.717	84	94143	4.371	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
36) 1,2-Dichloropropane-d6	6.679	67	28049	4.697	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.000%
41) Toluene-d8	7.888	98	86052	4.101	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.000%
43) trans-1,3-Dichloroprop...	8.174	79	12514	4.204	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.000%
46) 2-Hexanone-d5	8.621	63	38823	41.471	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.940%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	23510	4.701	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.000%
66) 1,2-Dichlorobenzene-d4	12.183	152	33047	4.725	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.400%
Target Compounds	Qvalue					
12) 1,1-Dichloroethene	2.573	96	8442	1.446	ug/L #	63
17) Methyl tert-butyl Ether	3.348	73	11097	0.692	ug/L	98
19) 1,1-Dichloroethane	3.856	63	23927	2.140	ug/L	93
22) cis-1,2-Dichloroethene	4.656	96	9204	1.351	ug/L	95
29) 1,1,1-Trichloroethane	5.309	97	5255	0.393	ug/L	92
34) Trichloroethene	6.531	95	61620	7.126	ug/L	98
42) Toluene	7.962	91	8627	0.311	ug/L	100

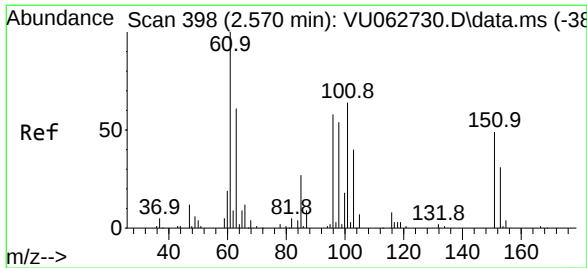
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 31 Sample Multiplier: 1

Instrument :
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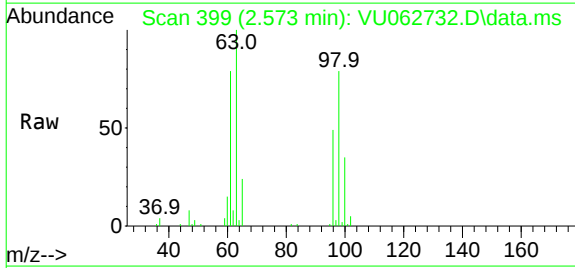
Quant Time: Jan 15 00:32:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jan 15 00:31:11 2025
Response via : Initial Calibration



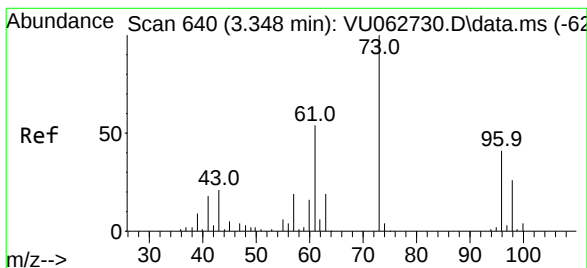
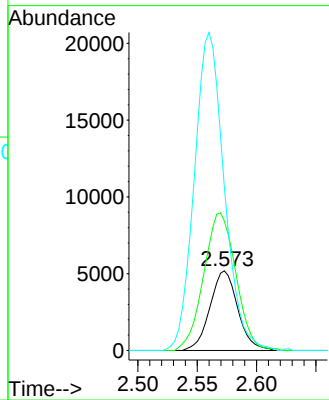
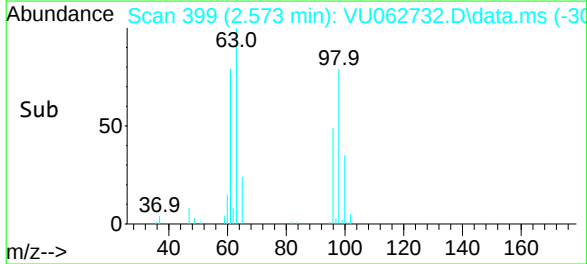


#12
1,1-Dichloroethene
Concen: 1.446 ug/L
RT: 2.573 min Scan# 39
Delta R.T. 0.003 min
Lab File: VU062732.D
Acq: 14 Jan 2025 10:22

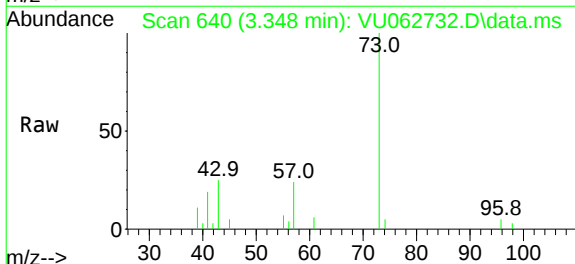
Instrument :
MSVOA_U
ClientSampleId :
BH8X1



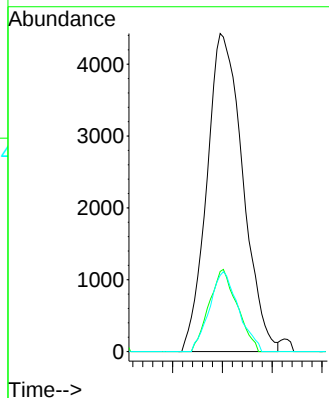
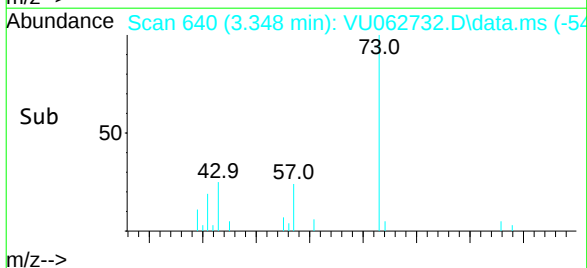
Tgt Ion: 96 Resp: 8442
Ion Ratio Lower Upper
96 100
61 162.3 120.4 223.6
63 205.2 82.3 152.9#

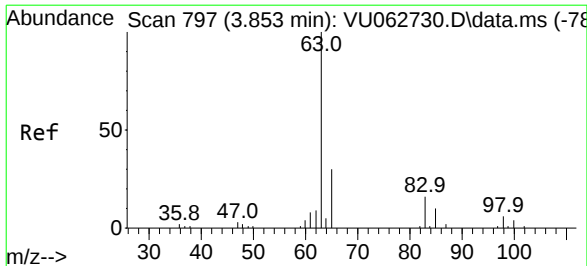


#17
Methyl tert-butyl Ether
Concen: 0.692 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.000 min
Lab File: VU062732.D
Acq: 14 Jan 2025 10:22



Tgt Ion: 73 Resp: 11097
Ion Ratio Lower Upper
73 100
43 20.3 16.2 24.4
57 20.3 14.6 22.0

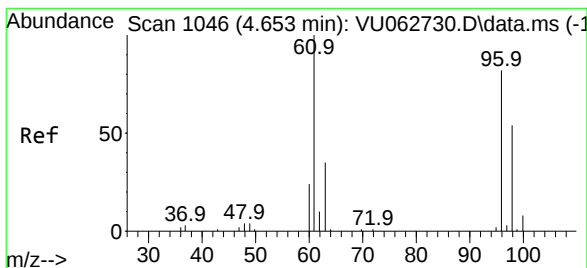
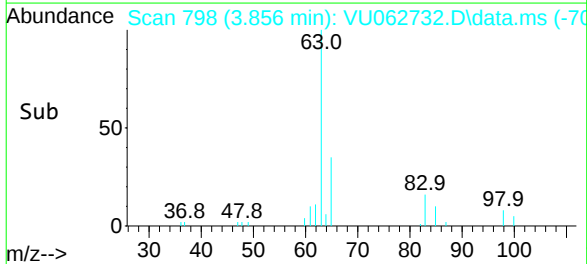
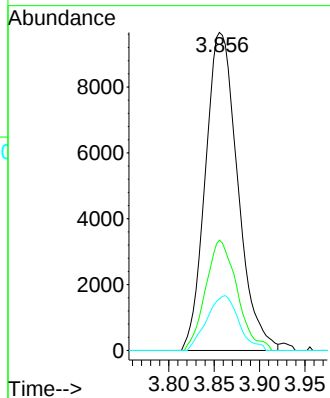
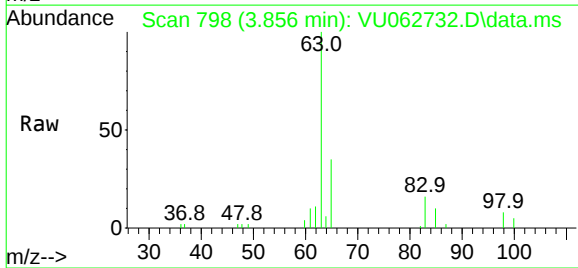




#19
1,1-Dichloroethane
Concen: 2.140 ug/L
RT: 3.856 min Scan# 79
Delta R.T. 0.003 min
Lab File: VU062732.D
Acq: 14 Jan 2025 10:22

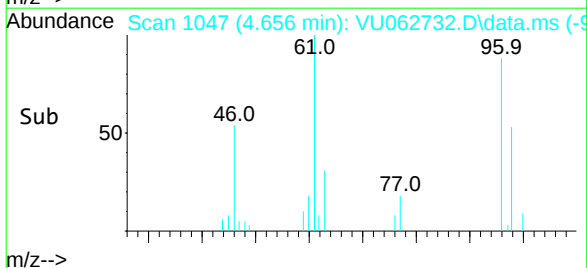
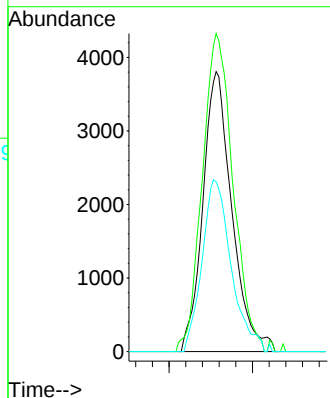
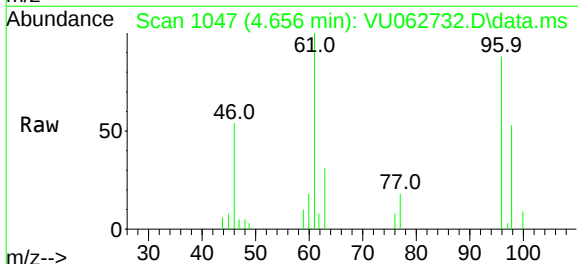
Instrument :
MSVOA_U
ClientSampleId :
BH8X1

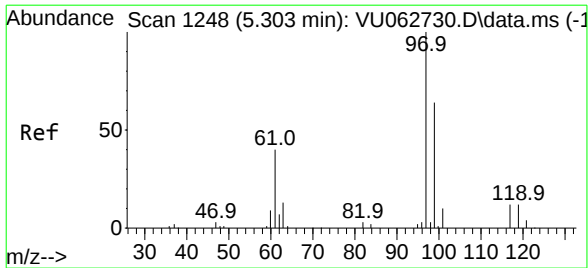
Tgt Ion:	63	Resp:	23927
Ion	Ratio	Lower	Upper
63	100		
65	34.7	20.7	38.5
83	16.2	10.5	19.5



#22
cis-1,2-Dichloroethene
Concen: 1.351 ug/L
RT: 4.656 min Scan# 1047
Delta R.T. 0.003 min
Lab File: VU062732.D
Acq: 14 Jan 2025 10:22

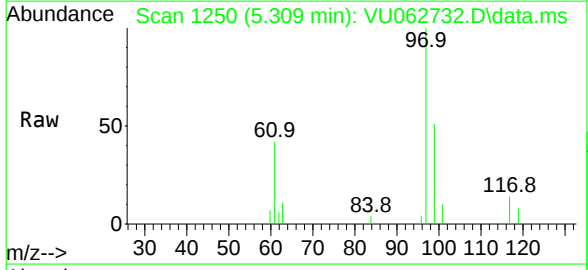
Tgt Ion:	96	Resp:	9204
Ion	Ratio	Lower	Upper
96	100		
61	113.6	84.8	157.6
98	60.7	43.1	80.1



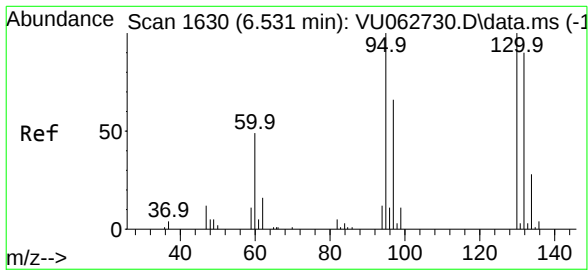
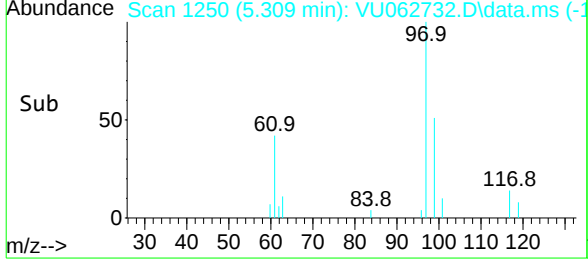
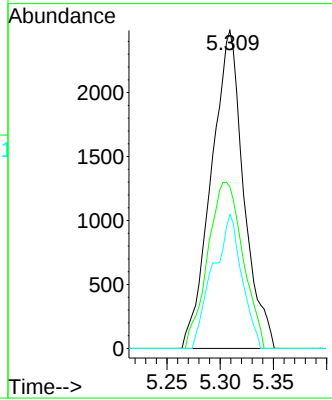


#29
 1,1,1-Trichloroethane
 Concen: 0.393 ug/L
 RT: 5.309 min Scan# 1248
 Delta R.T. 0.006 min
 Lab File: VU062732.D
 Acq: 14 Jan 2025 10:22

Instrument :
 MSVOA_U
 ClientSampleId :
 BH8X1

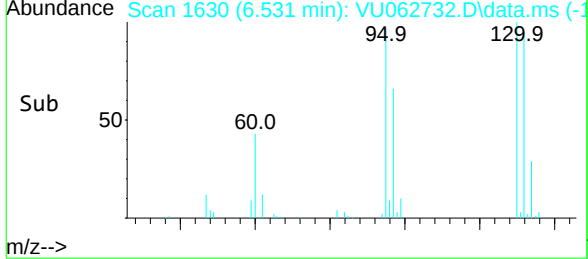
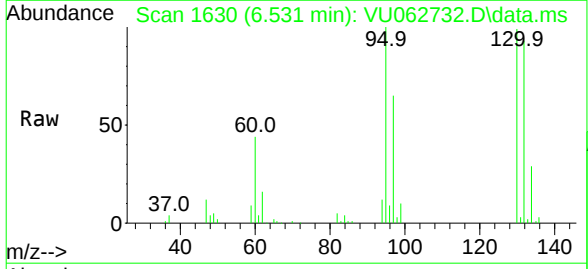
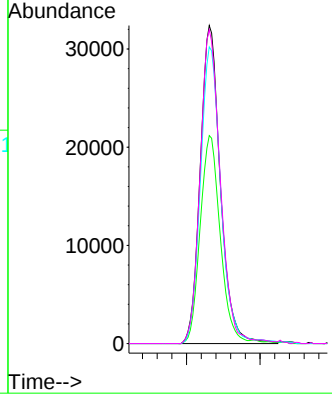


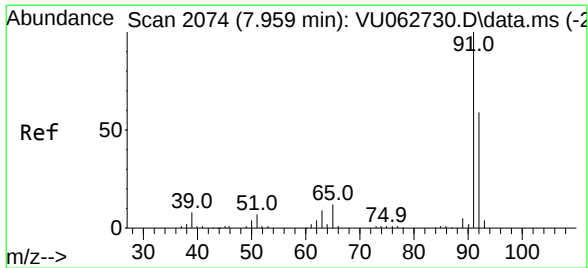
Tgt Ion:	97	Resp:	5255
Ion	Ratio	Lower	Upper
97	100		
99	56.8	52.4	78.6
61	37.6	32.2	48.4



#34
 Trichloroethene
 Concen: 7.126 ug/L
 RT: 6.531 min Scan# 1630
 Delta R.T. -0.000 min
 Lab File: VU062732.D
 Acq: 14 Jan 2025 10:22

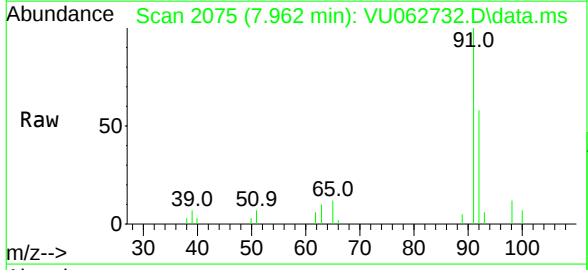
Tgt Ion:	95	Resp:	61620
Ion	Ratio	Lower	Upper
95	100		
97	65.4	47.5	88.3
132	93.3	66.9	124.3
130	98.7	68.6	127.4





#42
Toluene
Concen: 0.311 ug/L
RT: 7.962 min Scan# 2075
Delta R.T. 0.003 min
Lab File: VU062732.D
Acq: 14 Jan 2025 10:22

Instrument :
MSVOA_U
ClientSampleId :
BH8X1



Tgt Ion:	91	Resp:	8627
Ion	Ratio	Lower	Upper
91	100		
92	57.8	40.4	75.0

