

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011725\
 Data File : VU062894.D
 Acq On : 18 Jan 2025 00:50
 Operator : MD/SY
 Sample : Q1086-14
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AF5

Quant Time: Jan 18 03:33:05 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 17 23:41:19 2025
 Response via : Initial Calibration

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

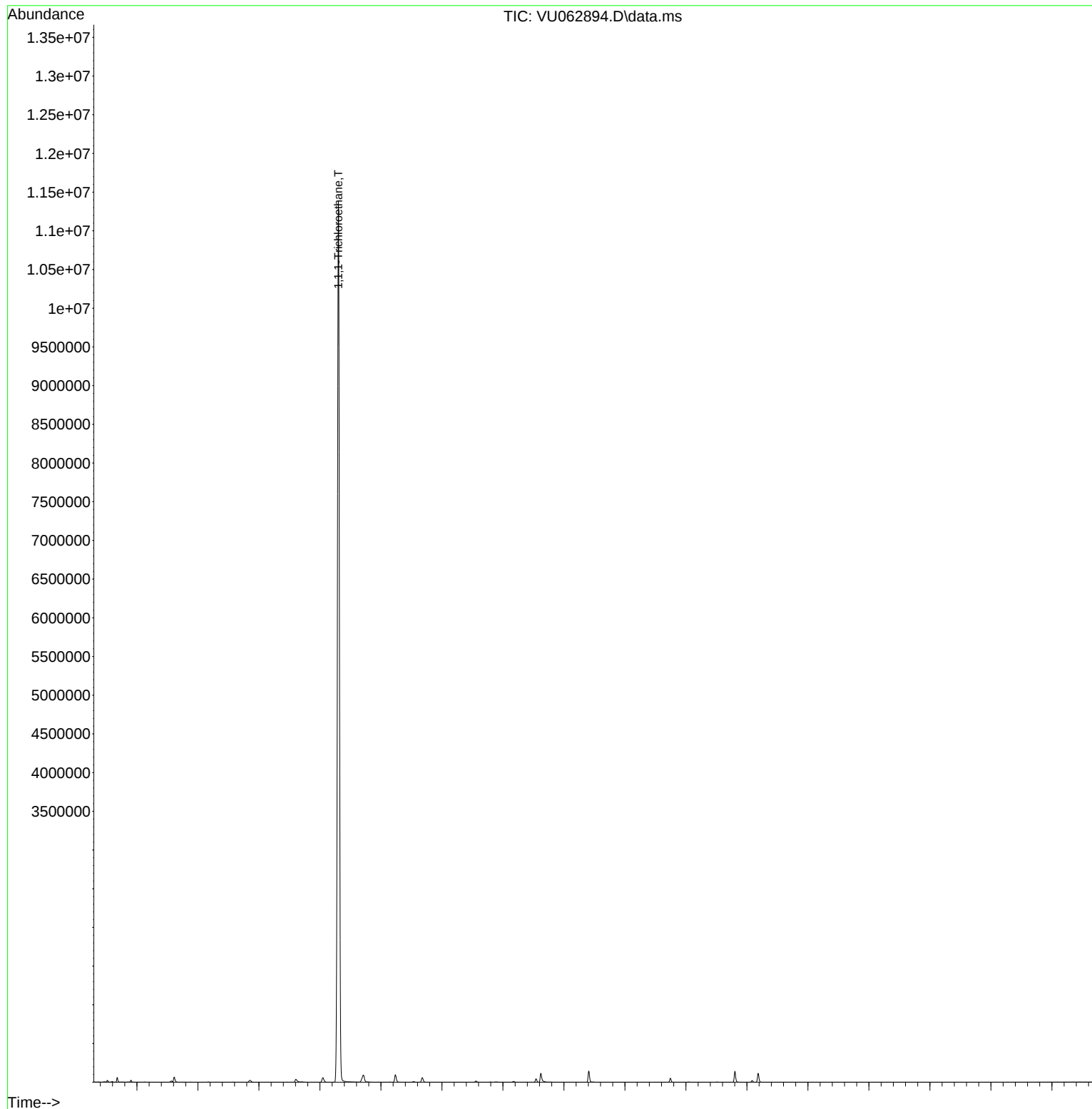
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	78748	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	78761	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	38317	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	4188	0.960	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	19.200%#
7) Chloroethane-d5	1.901	69	17688	5.042	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.800%
11) 1,1-Dichloroethene-d2	2.557	65	1089	0.482	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	9.600%#
20) 2-Butanone-d5	4.605	46	53957	60.532	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.060%
24) Chloroform-d	5.049	84	55999	5.219	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.400%
26) 1,2-Dichloroethane-d4	5.689	65	32441	5.574	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.400%
32) Benzene-d6	5.714	84	85593	4.446	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
36) 1,2-Dichloropropane-d6	6.679	67	26268	4.921	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.400%
41) Toluene-d8	7.898	98	3340	0.178	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	3.600%#
43) trans-1,3-Dichloroprop...	8.174	79	6654	2.501	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	50.000%#
46) 2-Hexanone-d5	8.621	63	40157	47.985	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.980%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	23467	5.249	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.000%
66) 1,2-Dichlorobenzene-d4	12.184	152	31804	4.989	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.800%
Target Compounds	Qvalue					
3) Chloromethane	1.515	50	15175	3.014	ug/L	98
6) Bromomethane	1.846	94	898	0.218	ug/L	80
9) Trichlorofluoromethane	2.133	101	1532	0.134	ug/L	94
12) 1,1-Dichloroethene	2.567	96	4936	1.010	ug/L	77
13) Acetone	2.612	43	71237	100.883	ug/L	100
19) 1,1-Dichloroethane	3.856	63	28556	3.050	ug/L	95
21) 2-Butanone	4.705	43	8369	8.899	ug/L	98
29) 1,1,1-Trichloroethane	5.303	97	8763634	733.550	ug/L	99
34) Trichloroethene	6.534	95	3447	0.446	ug/L	98
47) Tetrachloroethene	8.544	164	9364	1.759	ug/L	93

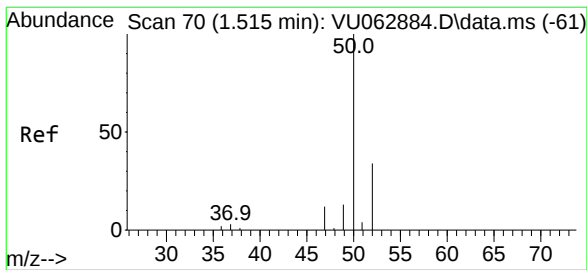
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jan 17 23:41:19 2025
Response via : Initial Calibration





#3

Chloromethane

Concen: 3.014 ug/L

RT: 1.515 min Scan# 70

Delta R.T. -0.000 min

Lab File: VU062894.D

Acq: 18 Jan 2025 00:50

Instrument :

MSVOA_U

ClientSampleId :

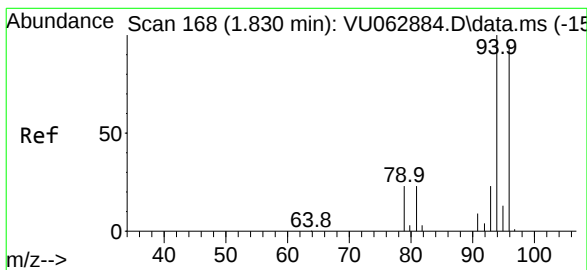
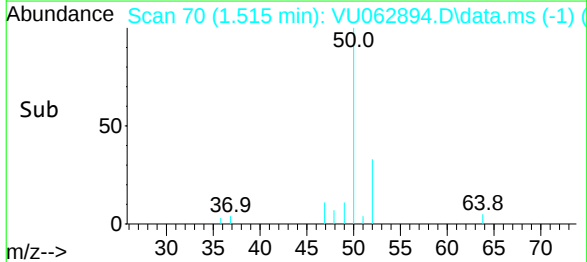
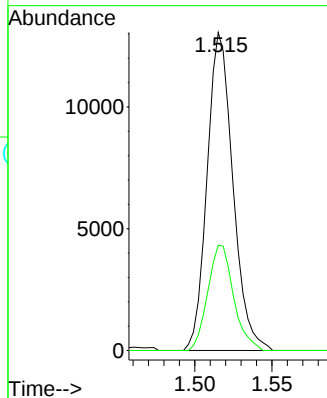
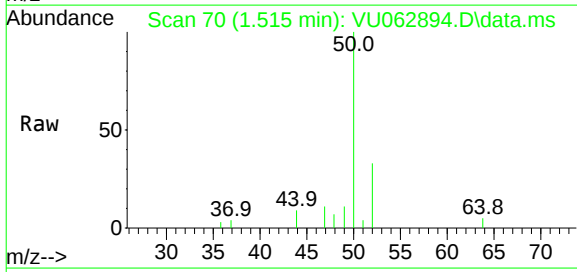
C0AF5

Tgt Ion: 50 Resp: 15175

Ion Ratio Lower Upper

50 100

52 33.1 24.1 44.7



#6

Bromomethane

Concen: 0.218 ug/L

RT: 1.846 min Scan# 173

Delta R.T. 0.016 min

Lab File: VU062894.D

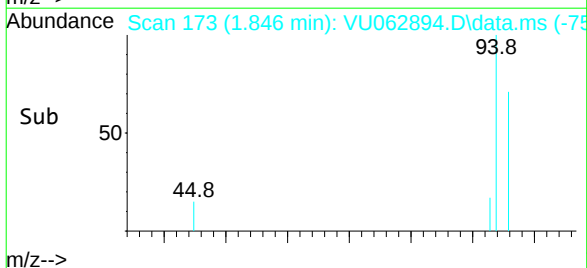
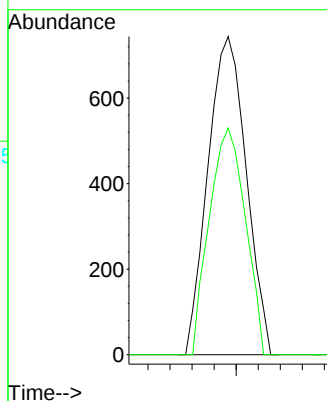
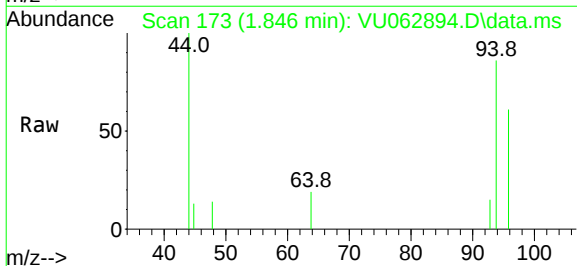
Acq: 18 Jan 2025 00:50

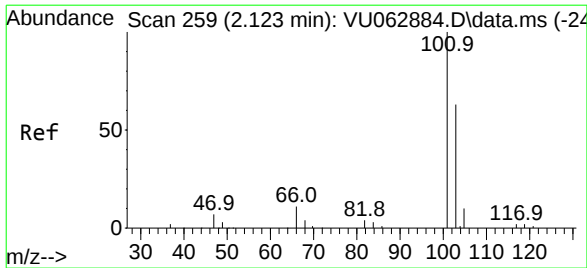
Tgt Ion: 94 Resp: 898

Ion Ratio Lower Upper

94 100

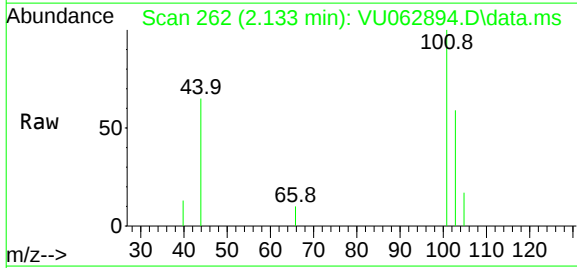
96 71.2 62.9 116.7



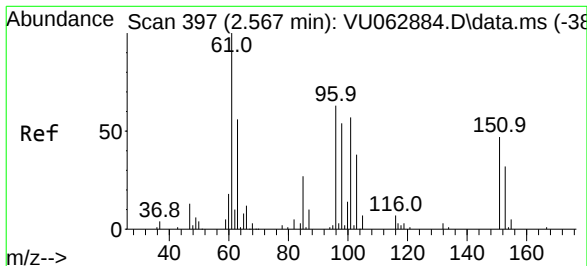
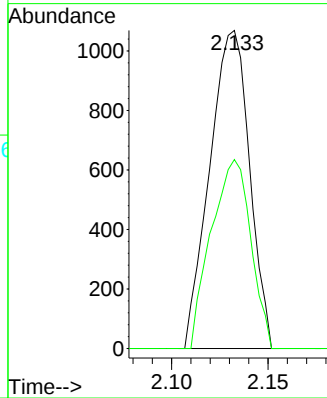
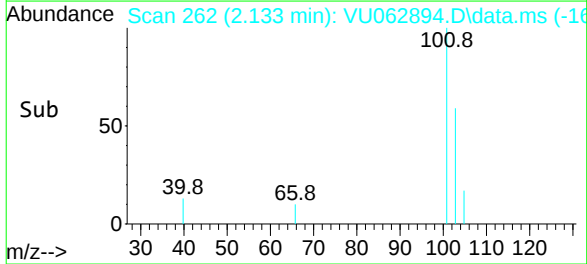


#9
 Trichlorofluoromethane
 Concen: 0.134 ug/L
 RT: 2.133 min Scan# 261
 Delta R.T. 0.010 min
 Lab File: VU062894.D
 Acq: 18 Jan 2025 00:50

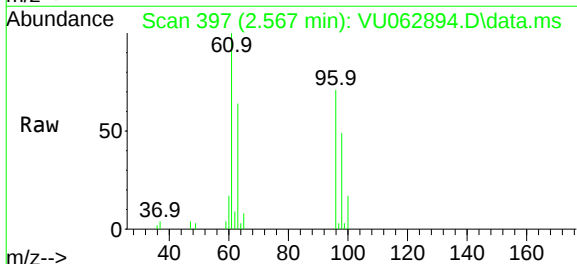
Instrument :
 MSVOA_U
 ClientSampleId :
 C0AF5



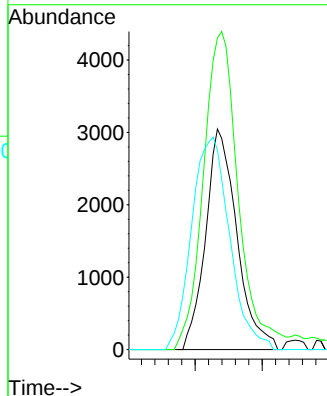
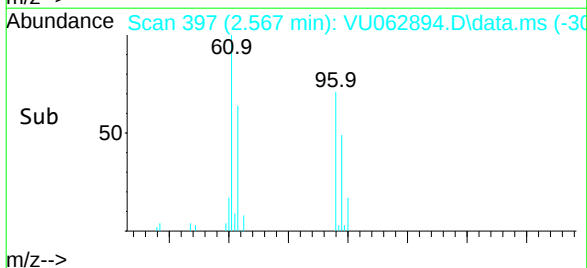
Tgt Ion: 101 Resp: 1532
 Ion Ratio Lower Upper
 101 100
 103 59.1 51.4 77.0

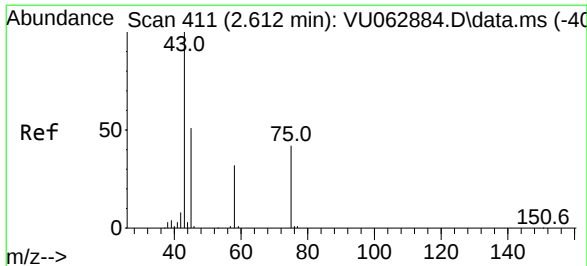


#12
 1,1-Dichloroethene
 Concen: 1.010 ug/L
 RT: 2.567 min Scan# 397
 Delta R.T. -0.000 min
 Lab File: VU062894.D
 Acq: 18 Jan 2025 00:50



Tgt Ion: 96 Resp: 4936
 Ion Ratio Lower Upper
 96 100
 61 141.2 120.4 223.6
 63 90.5 82.3 152.9





#13

Acetone

Concen: 100.883 ug/L

RT: 2.612 min Scan# 411

Delta R.T. -0.000 min

Lab File: VU062894.D

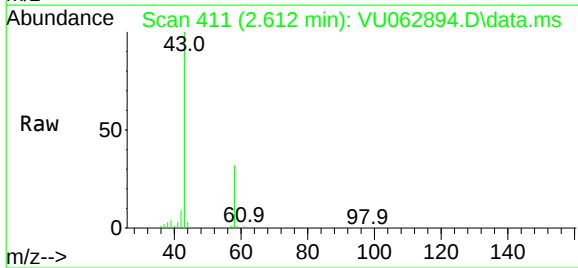
Acq: 18 Jan 2025 00:50

Instrument :

MSVOA_U

ClientSampleId :

C0AF5

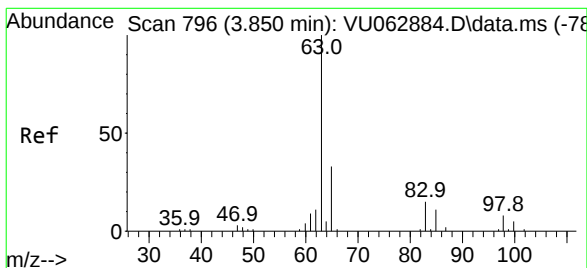
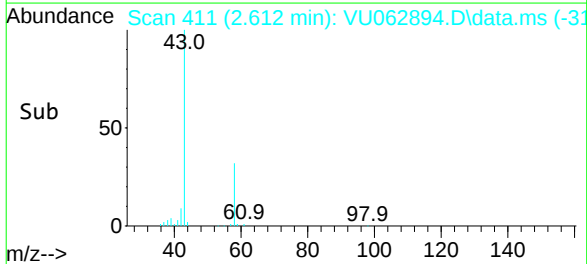
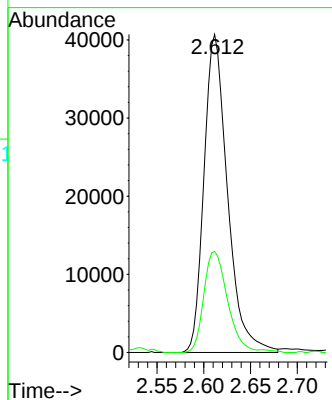


Tgt Ion: 43 Resp: 71237

Ion Ratio Lower Upper

43 100

58 32.4 0.0 64.4



#19

1,1-Dichloroethane

Concen: 3.050 ug/L

RT: 3.856 min Scan# 798

Delta R.T. 0.006 min

Lab File: VU062894.D

Acq: 18 Jan 2025 00:50

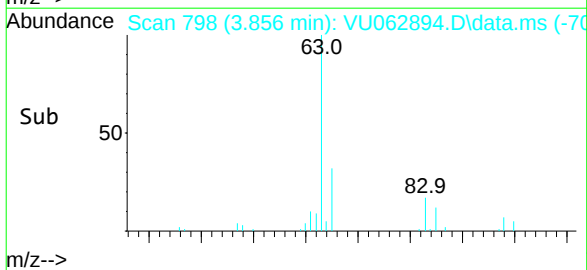
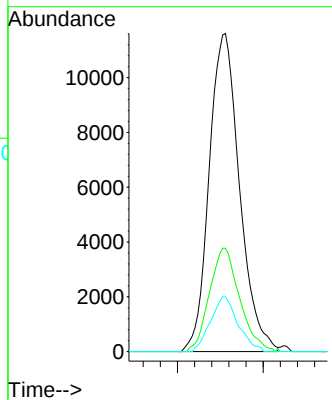
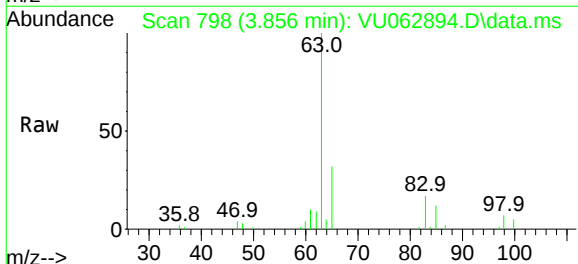
Tgt Ion: 63 Resp: 28556

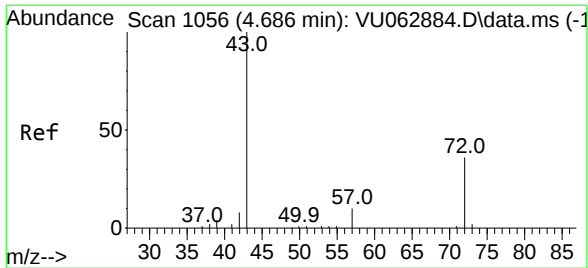
Ion Ratio Lower Upper

63 100

65 32.5 20.7 38.5

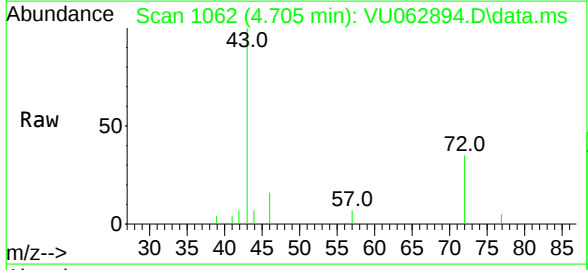
83 17.2 10.5 19.5



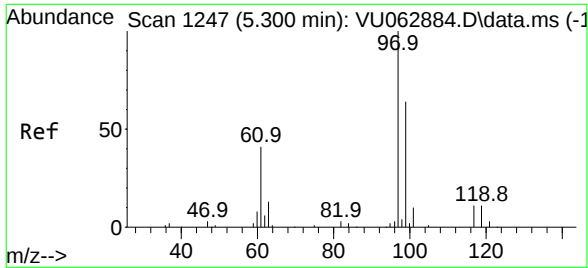
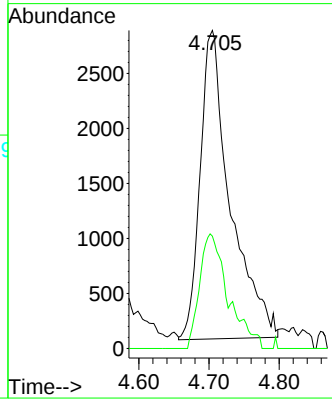
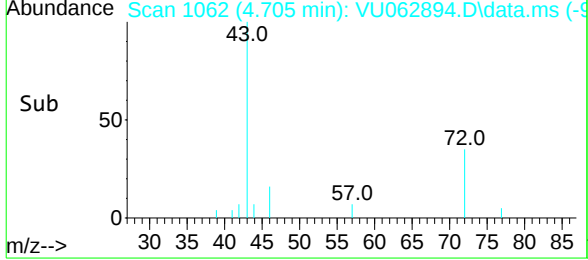


#21
 2-Butanone
 Concen: 8.899 ug/L
 RT: 4.705 min Scan# 1062
 Delta R.T. 0.019 min
 Lab File: VU062894.D
 Acq: 18 Jan 2025 00:50

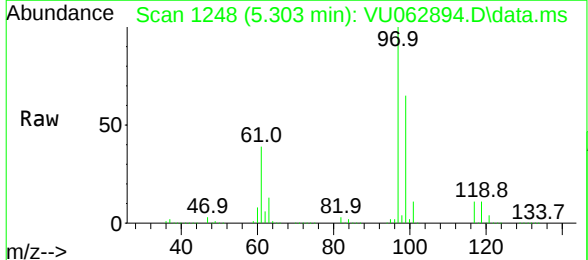
Instrument :
 MSVOA_U
 ClientSampleId :
 C0AF5



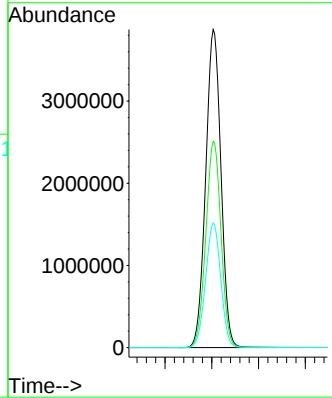
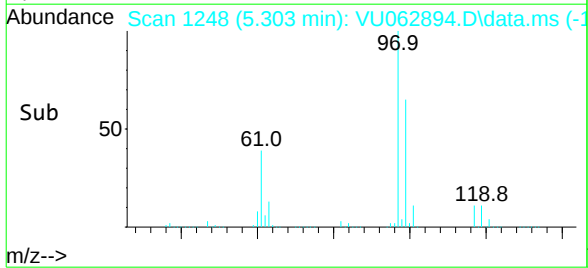
Tgt Ion:	43	Resp:	8369
Ion	Ratio	Lower	Upper
43	100		
72	35.2	17.1	51.2

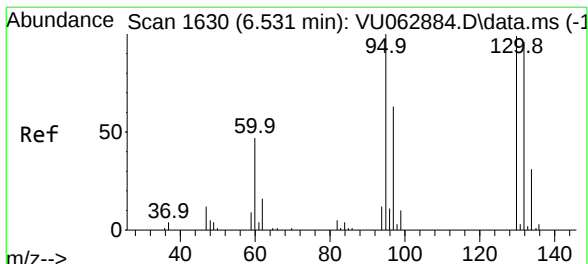


#29
 1,1,1-Trichloroethane
 Concen: 733.550 ug/L
 RT: 5.303 min Scan# 1248
 Delta R.T. 0.003 min
 Lab File: VU062894.D
 Acq: 18 Jan 2025 00:50



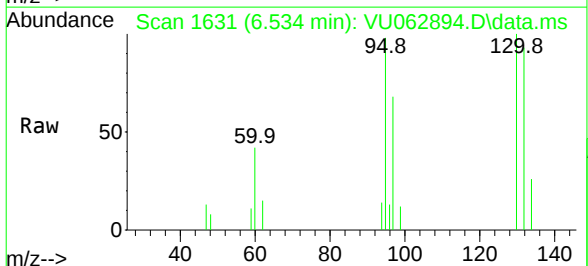
Tgt Ion:	97	Resp:	8763634
Ion	Ratio	Lower	Upper
97	100		
99	64.9	52.4	78.6
61	39.0	32.2	48.4



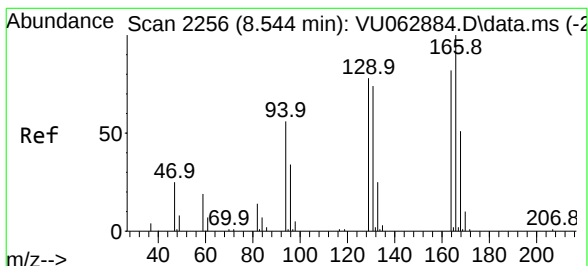
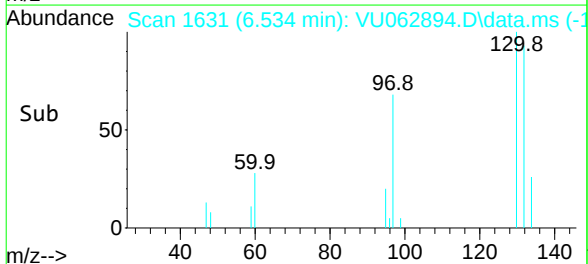
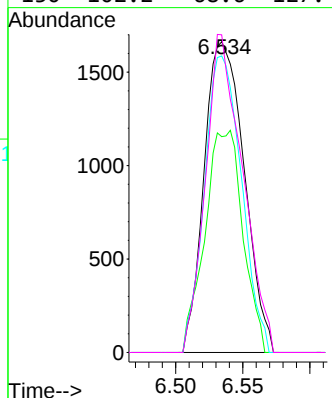


#34
 Trichloroethene
 Concen: 0.446 ug/L
 RT: 6.534 min Scan# 1631
 Delta R.T. 0.003 min
 Lab File: VU062894.D
 Acq: 18 Jan 2025 00:50

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AF5



Tgt Ion:	95	Resp:	3447
Ion	Ratio	Lower	Upper
95	100		
97	69.5	47.5	88.3
132	95.4	66.9	124.3
130	102.2	68.6	127.4



#47
 Tetrachloroethene
 Concen: 1.759 ug/L
 RT: 8.544 min Scan# 2256
 Delta R.T. -0.000 min
 Lab File: VU062894.D
 Acq: 18 Jan 2025 00:50

Tgt Ion:	164	Resp:	9364
Ion	Ratio	Lower	Upper
164	100		
129	93.8	71.0	131.9
131	99.7	69.4	129.0
166	119.1	92.7	172.3

