

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011025\
 Data File : VU062687.D
 Acq On : 10 Jan 2025 16:27
 Operator : MD/SY
 Sample : Q1058-19
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH8Y8

Quant Time: Jan 10 22:46:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 10 22:42:03 2025
 Response via : Initial Calibration

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

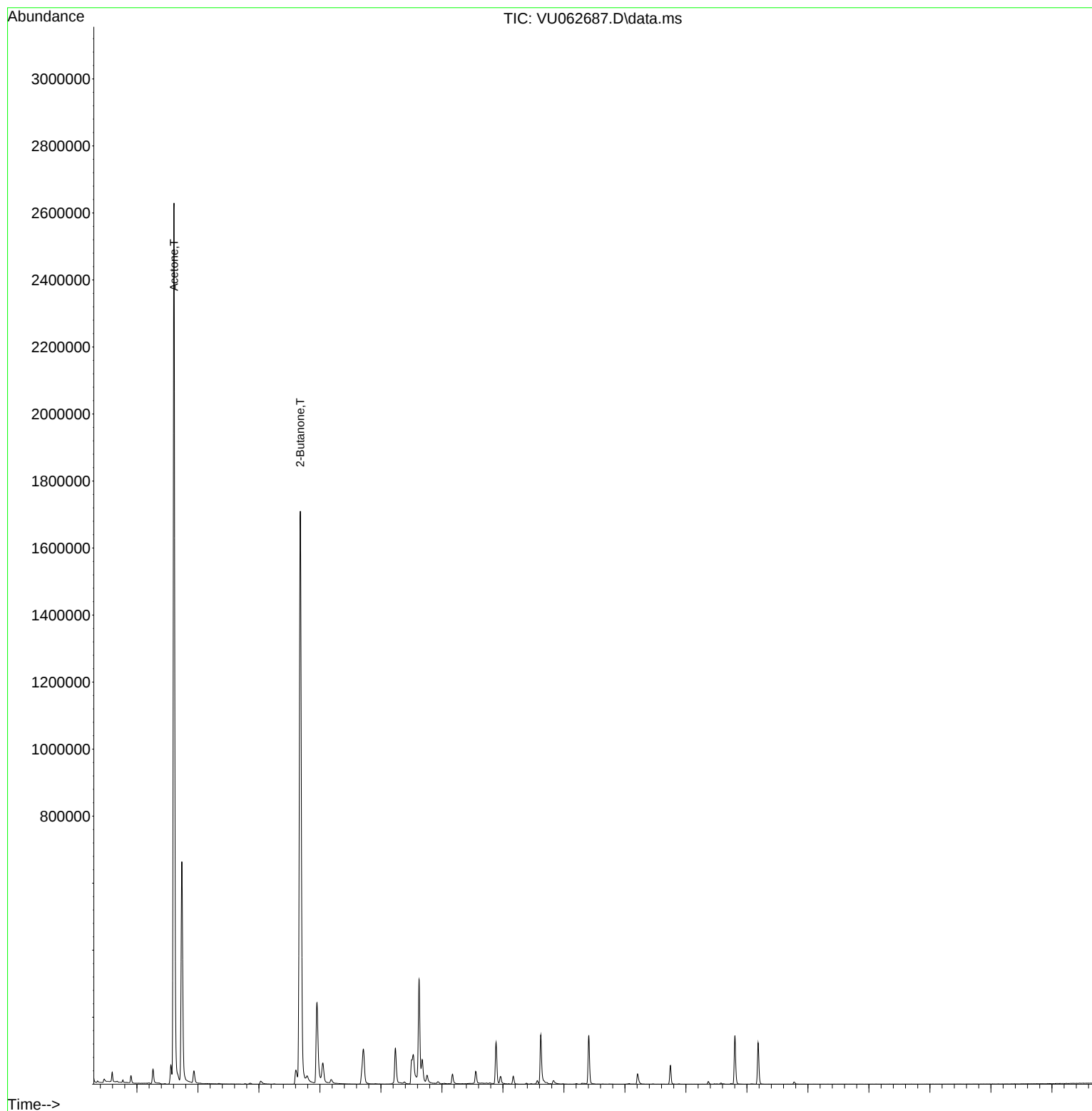
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	85303	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	80452	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	40157	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	18491	3.914	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.200%
7) Chloroethane-d5	1.904	69	16170	4.255	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.000%
11) 1,1-Dichloroethene-d2	2.557	65	10158	4.150	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.000%
20) 2-Butanone-d5	4.605	46	58893	60.992	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.980%
24) Chloroform-d	5.049	84	51793	4.456	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
26) 1,2-Dichloroethane-d4	5.685	65	32289	5.121	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.400%
32) Benzene-d6	5.714	84	89748	4.564	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
36) 1,2-Dichloropropane-d6	6.676	67	25753	4.723	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.400%
41) Toluene-d8	7.888	98	85337	4.454	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.000%
43) trans-1,3-Dichloroprop...	8.168	79	13777	5.069	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.400%
46) 2-Hexanone-d5	8.618	63	52749	61.707	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	123.420%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	25766	5.642	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.800%
66) 1,2-Dichlorobenzene-d4	12.184	152	34558	5.173	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.400%
Target Compounds					Qvalue	
12) 1,1-Dichloroethene	2.567	96	3747	0.708	ug/L	# 1
13) Acetone	2.608	43	2811396	3675.451	ug/L	99
15) Methyl Acetate	2.933	43	42766	25.822	ug/L	95
19) 1,1-Dichloroethane	3.853	63	4247	0.419	ug/L	96
21) 2-Butanone	4.679	43	2207663	2167.118	ug/L	99
22) cis-1,2-Dichloroethene	4.650	96	1389	0.225	ug/L	98
34) Trichloroethene	6.531	95	19215	2.433	ug/L	97
42) Toluene	7.962	91	15624	0.617	ug/L	97

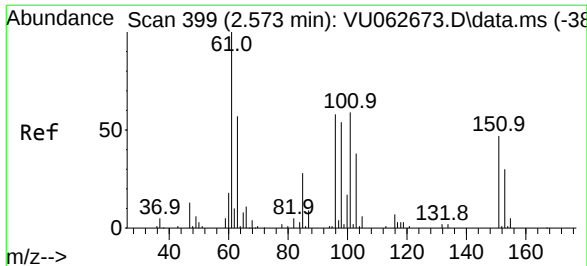
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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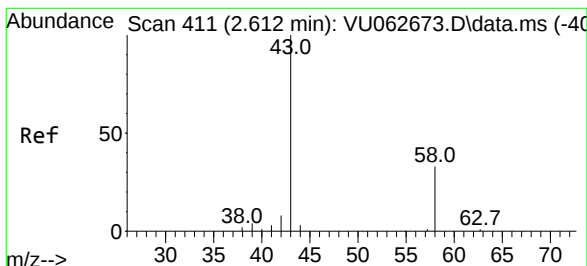
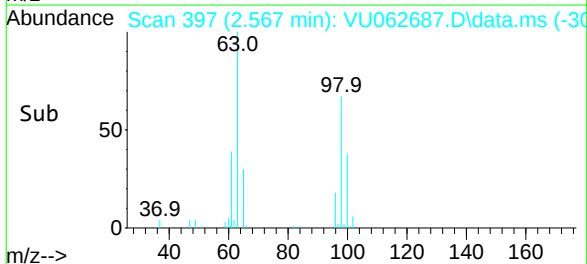
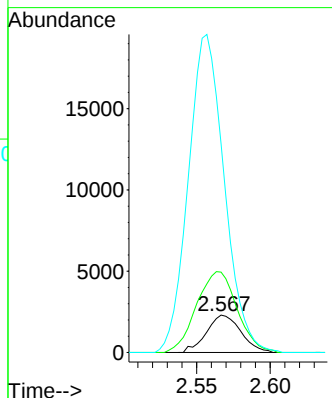
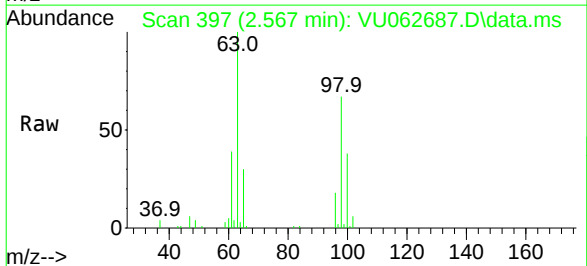




#12
1,1-Dichloroethene
Concen: 0.708 ug/L
RT: 2.567 min Scan# 399
Delta R.T. -0.006 min
Lab File: VU062687.D
Acq: 10 Jan 2025 16:27

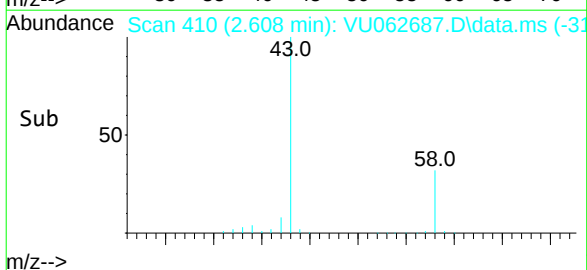
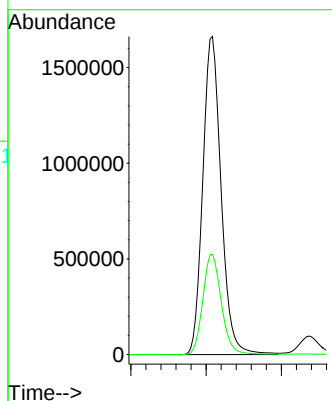
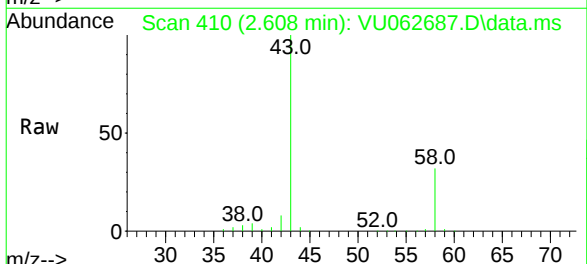
Instrument :
MSVOA_U
ClientSampleId :
BH8Y8

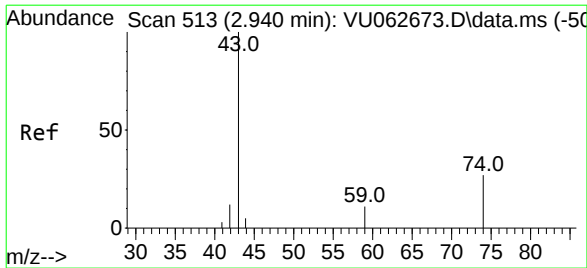
Tgt Ion: 96 Resp: 3747
Ion Ratio Lower Upper
96 100
61 215.0 120.4 223.6
63 558.3 82.3 152.9#



#13
Acetone
Concen: 3675.451 ug/L
RT: 2.608 min Scan# 410
Delta R.T. -0.003 min
Lab File: VU062687.D
Acq: 10 Jan 2025 16:27

Tgt Ion: 43 Resp: 2811396
Ion Ratio Lower Upper
43 100
58 31.9 0.0 64.4

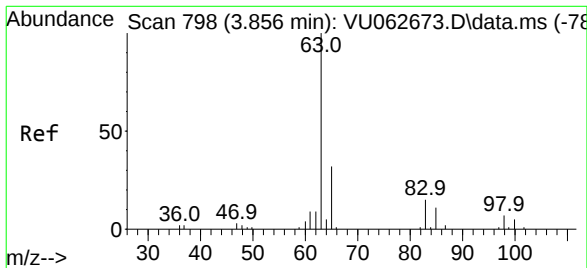
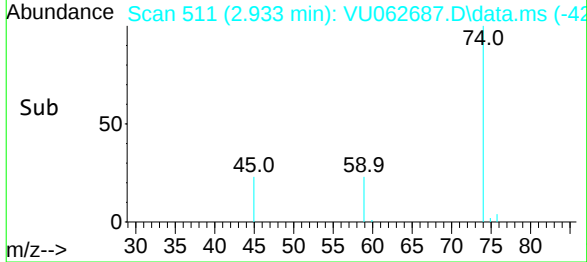
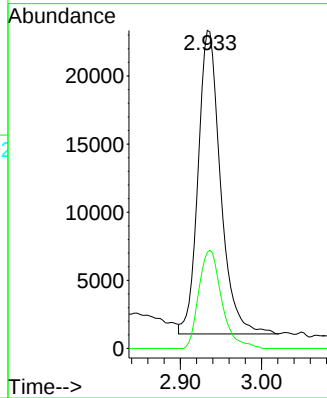
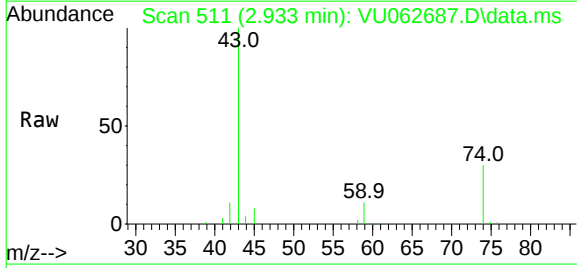




#15
Methyl Acetate
Concen: 25.822 ug/L
RT: 2.933 min Scan# 511
Delta R.T. -0.006 min
Lab File: VU062687.D
Acq: 10 Jan 2025 16:27

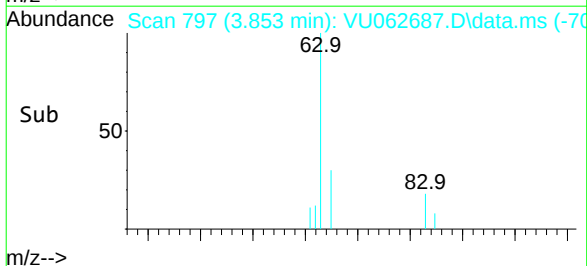
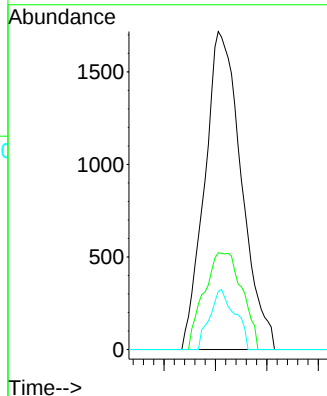
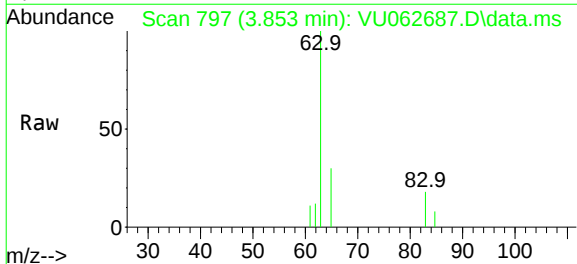
Instrument :
MSVOA_U
ClientSampleId :
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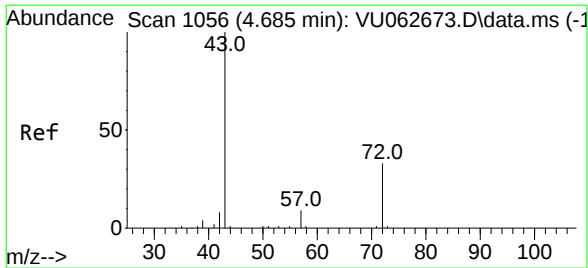
Tgt Ion: 43 Resp: 42766
Ion Ratio Lower Upper
43 100
74 33.1 24.4 36.6



#19
1,1-Dichloroethane
Concen: 0.419 ug/L
RT: 3.853 min Scan# 797
Delta R.T. -0.003 min
Lab File: VU062687.D
Acq: 10 Jan 2025 16:27

Tgt Ion: 63 Resp: 4247
Ion Ratio Lower Upper
63 100
65 30.4 20.7 38.5
83 18.3 10.5 19.5

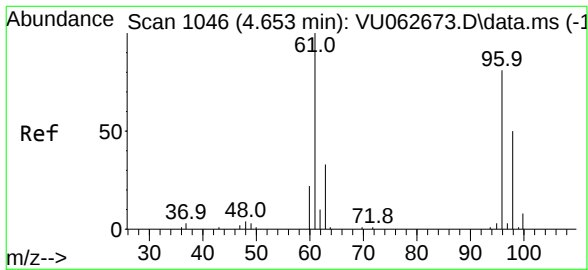
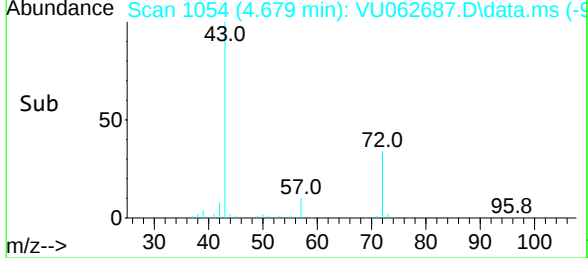
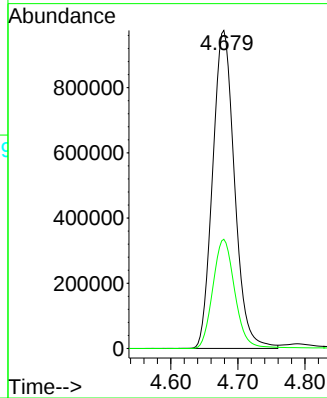
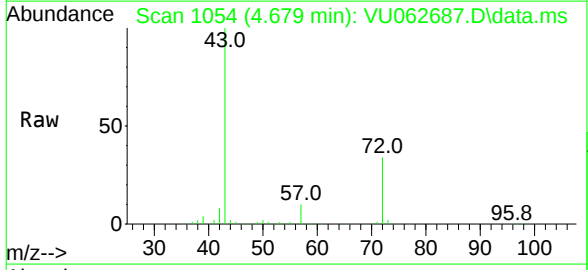




#21
2-Butanone
Concen: 2167.118 ug/L
RT: 4.679 min Scan# 1054
Delta R.T. -0.006 min
Lab File: VU062687.D
Acq: 10 Jan 2025 16:27

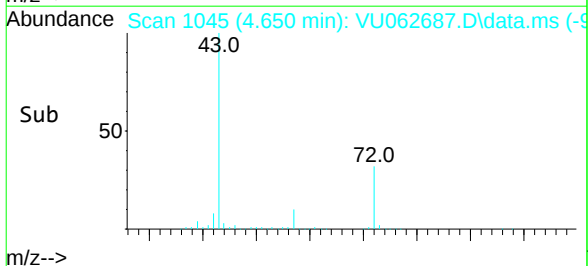
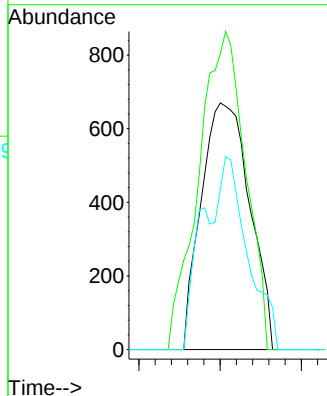
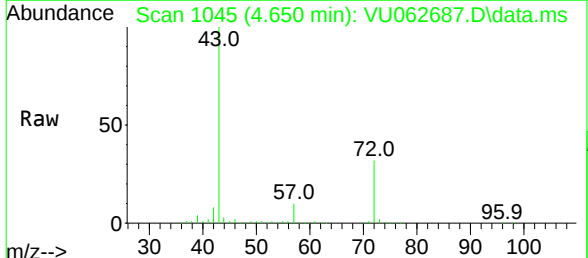
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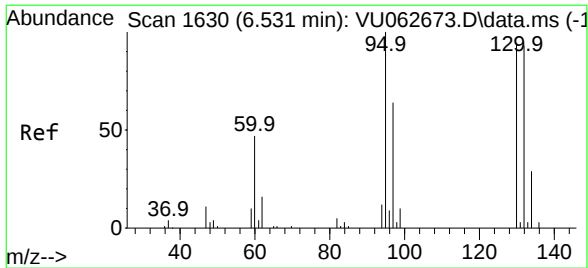
Tgt Ion: 43 Resp: 2207663
Ion Ratio Lower Upper
43 100
72 34.8 17.1 51.2



#22
cis-1,2-Dichloroethene
Concen: 0.225 ug/L
RT: 4.650 min Scan# 1045
Delta R.T. -0.003 min
Lab File: VU062687.D
Acq: 10 Jan 2025 16:27

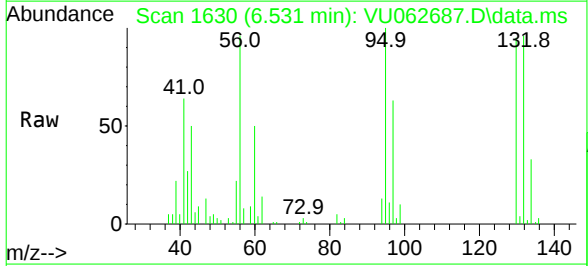
Tgt Ion: 96 Resp: 1389
Ion Ratio Lower Upper
96 100
61 120.0 84.8 157.6
98 65.1 43.1 80.1



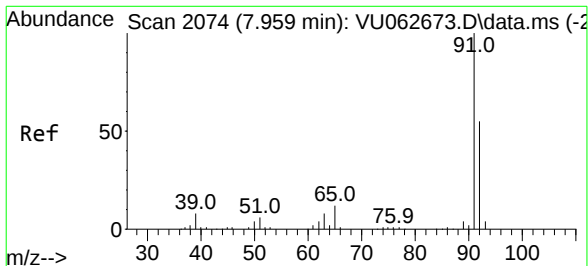
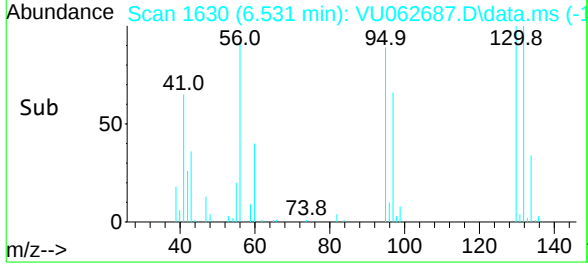
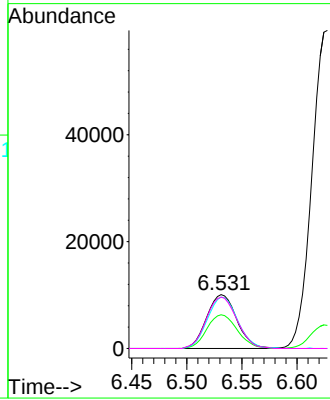


#34
Trichloroethene
Concen: 2.433 ug/L
RT: 6.531 min Scan# 16
Delta R.T. 0.000 min
Lab File: VU062687.D
Acq: 10 Jan 2025 16:27

Instrument :
MSVOA_U
ClientSampleId :
BH8Y8



Tgt Ion	Ratio	Lower	Upper
95	100		
97	62.6	47.5	88.3
132	95.5	66.9	124.3
130	95.3	68.6	127.4



#42
Toluene
Concen: 0.617 ug/L
RT: 7.962 min Scan# 2075
Delta R.T. 0.003 min
Lab File: VU062687.D
Acq: 10 Jan 2025 16:27

Tgt Ion	Ratio	Lower	Upper
91	100		
92	60.2	40.4	75.0

