

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012425\
 Data File : VU062988.D
 Acq On : 24 Jan 2025 13:11
 Operator : MD/SY
 Sample : Q1174-02
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E2932

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/27/2025
 Supervised By : Mahesh Dadoda 01/27/2025

Quant Time: Jan 24 19:04:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 24 19:02:27 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.277	114	113958	5.000	ug/L	0.04
28) Chlorobenzene-d5	9.415	117	106890	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	49742	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.621	65	22610	3.582	ug/L	0.03
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.600%
7) Chloroethane-d5	1.946	69	14825	2.920	ug/L	0.04
Spiked Amount	5.000	Range	65 - 130	Recovery	=	58.400%#
11) 1,1-Dichloroethene-d2	2.589	65	7931	2.426	ug/L	0.03
Spiked Amount	5.000	Range	60 - 125	Recovery	=	48.600%#
20) 2-Butanone-d5	4.753	46	48769	37.807	ug/L	0.14
Spiked Amount	50.000	Range	40 - 130	Recovery	=	75.620%
24) Chloroform-d	5.103	84	60362	3.887	ug/L	0.05
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.800%
26) 1,2-Dichloroethane-d4	5.746	65	33188	3.940	ug/L	0.06
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.800%
32) Benzene-d6	5.766	84	109164	4.178	ug/L	0.05
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.600%
36) 1,2-Dichloropropane-d6	6.714	67	34504	4.763	ug/L	0.04
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.200%
41) Toluene-d8	7.907	98	100033	3.930	ug/L	0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.600%
43) trans-1,3-Dichloroprop...	8.187	79	14184	3.928	ug/L	0.02
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.600%
46) 2-Hexanone-d5	8.647	63	37416	32.944	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	65.880%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	24767	4.082	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.600%
66) 1,2-Dichlorobenzene-d4	12.183	152	33713	4.074	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	81.400%
Target Compounds						
13) Acetone	2.785	43	17246m	16.877	ug/L	
14) Carbon disulfide	2.811	76	11229	0.497	ug/L	99
16) Methylene chloride	3.071	84	2334	0.301	ug/L	89
19) 1,1-Dichloroethane	3.894	63	23748	1.752	ug/L	94
21) 2-Butanone	4.830	43	13211m	9.707	ug/L	
40) 4-Methyl-2-pentanone	7.814	43	17766	5.250	ug/L #	93
42) Toluene	7.981	91	7750	0.230	ug/L	95

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

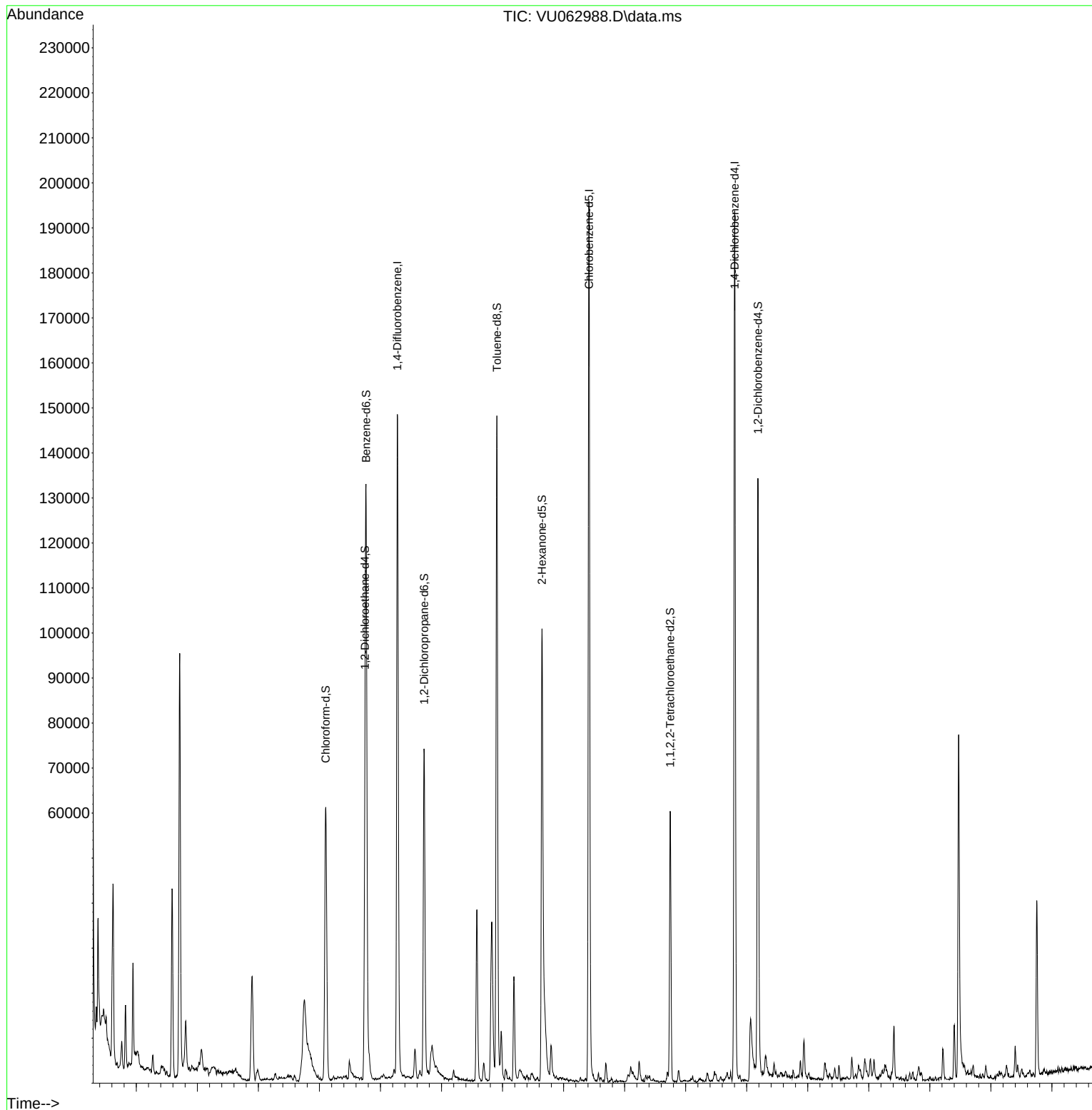
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012425\
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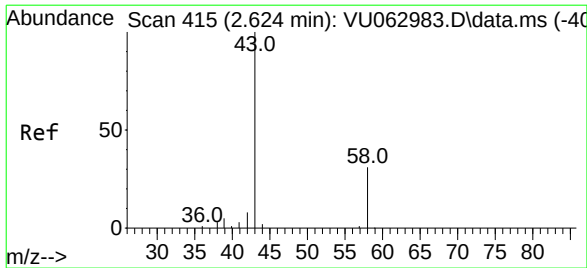
Instrument :
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QLast Update : Fri Jan 24 19:02:27 2025
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#13

Acetone

Concen: 16.877 ug/L m

RT: 2.785 min Scan# 46

Delta R.T. 0.161 min

Lab File: VU062988.D

Acq: 24 Jan 2025 13:11

Instrument :

MSVOA_U

ClientSampleId :

E2932

Tgt Ion: 43 Resp: 17246

Ion Ratio Lower Upper

43 100

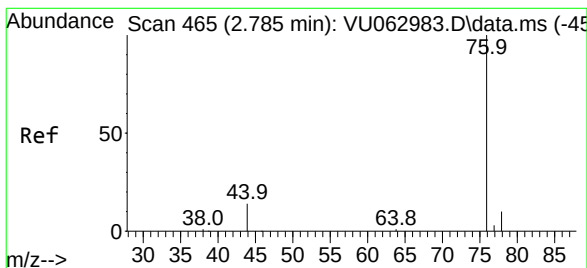
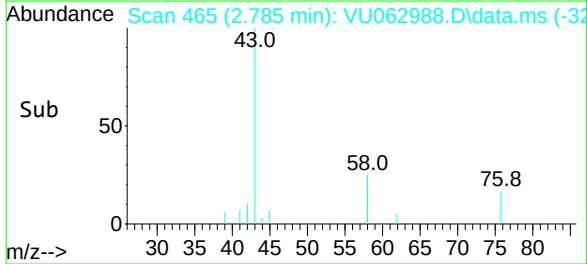
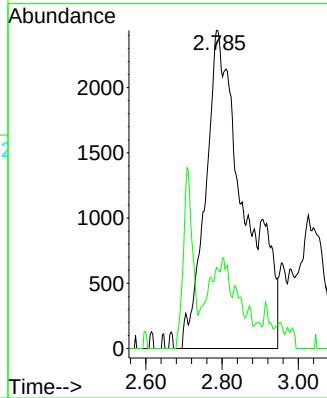
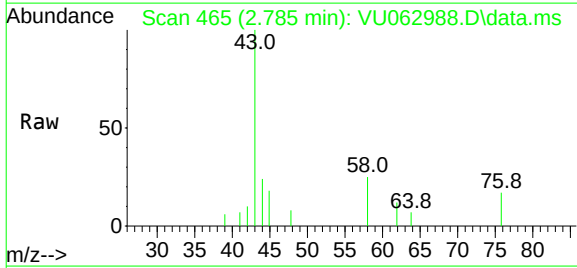
58 2.8 0.0 64.4

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#14

Carbon disulfide

Concen: 0.497 ug/L

RT: 2.811 min Scan# 473

Delta R.T. 0.026 min

Lab File: VU062988.D

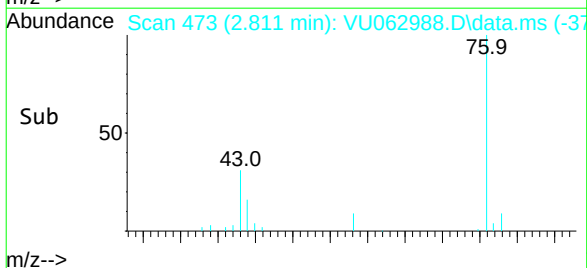
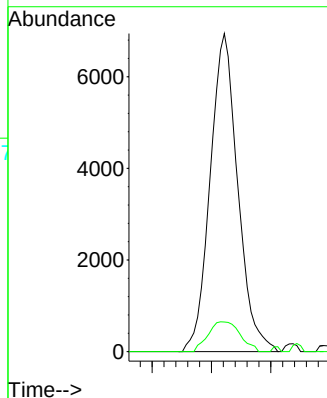
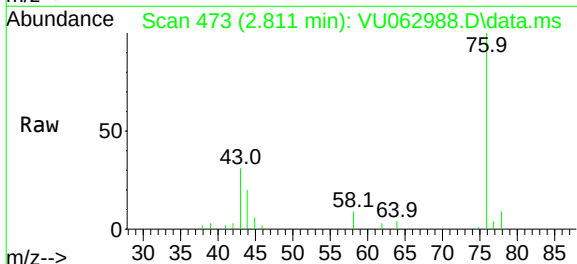
Acq: 24 Jan 2025 13:11

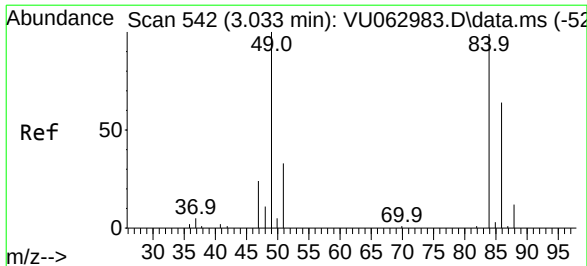
Tgt Ion: 76 Resp: 11229

Ion Ratio Lower Upper

76 100

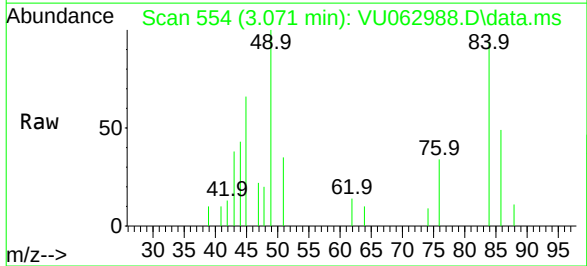
78 9.3 7.0 10.6





#16
Methylene chloride
Concen: 0.301 ug/L
RT: 3.071 min Scan# 55
Delta R.T. 0.039 min
Lab File: VU062988.D
Acq: 24 Jan 2025 13:11

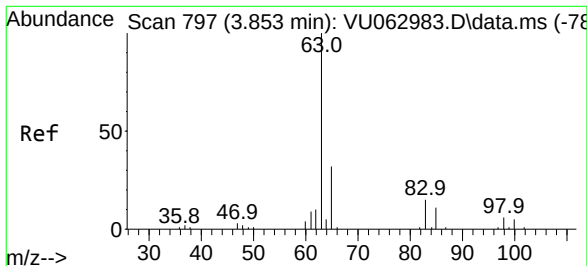
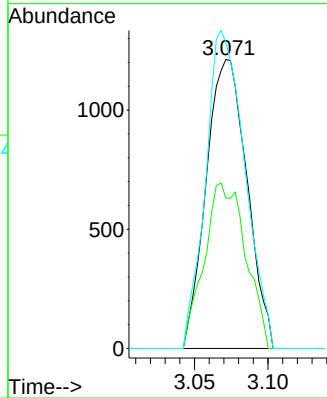
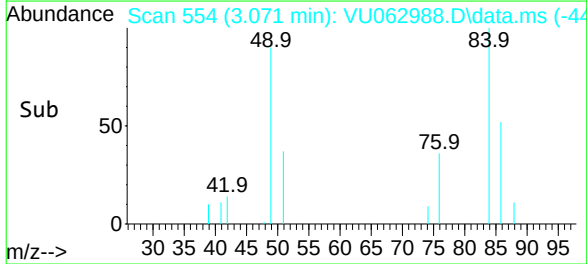
Instrument :
MSVOA_U
ClientSampleId :
E2932



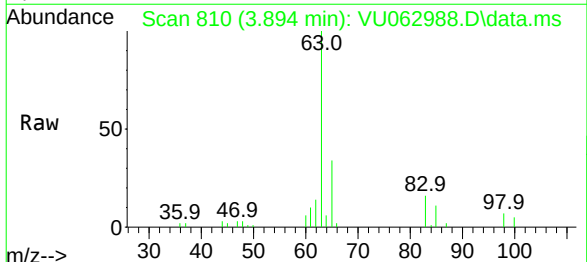
Tgt Ion: 84 Resp: 2334
Ion Ratio Lower Upper
84 100
86 52.1 44.7 83.1
49 106.0 68.3 126.9

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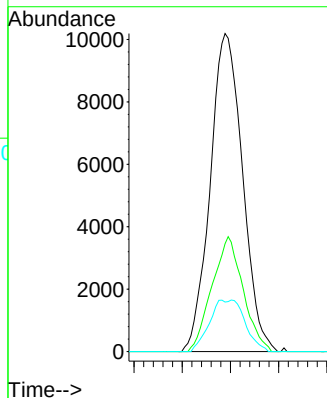
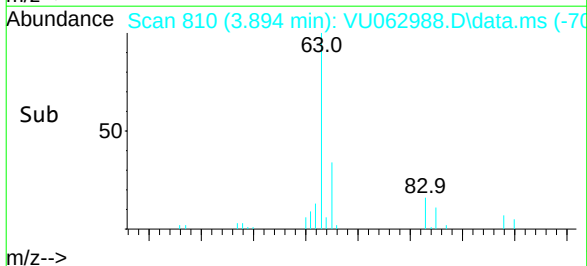
Reviewed By :John Carlone 01/27/2025
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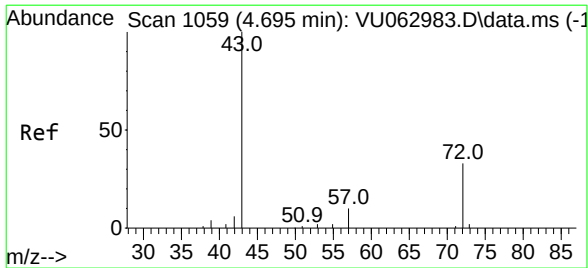


#19
1,1-Dichloroethane
Concen: 1.752 ug/L
RT: 3.894 min Scan# 810
Delta R.T. 0.042 min
Lab File: VU062988.D
Acq: 24 Jan 2025 13:11



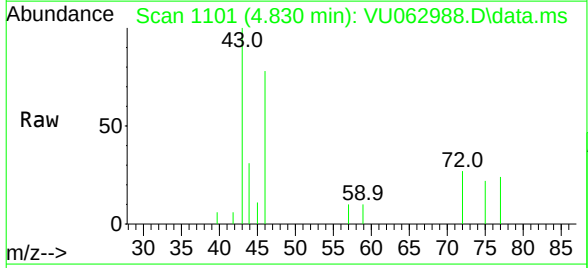
Tgt Ion: 63 Resp: 23748
Ion Ratio Lower Upper
63 100
65 33.9 20.7 38.5
83 15.6 10.5 19.5





#21
2-Butanone
Concen: 9.707 ug/L m
RT: 4.830 min Scan# 11
Delta R.T. 0.135 min
Lab File: VU062988.D
Acq: 24 Jan 2025 13:11

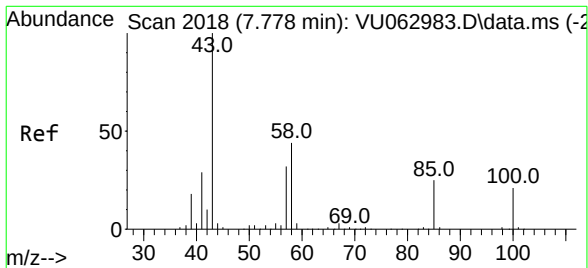
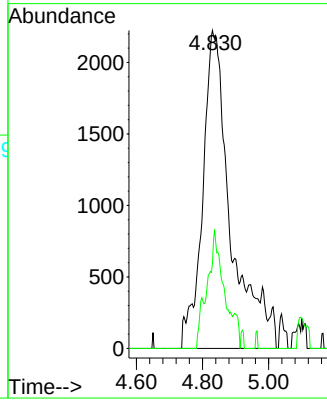
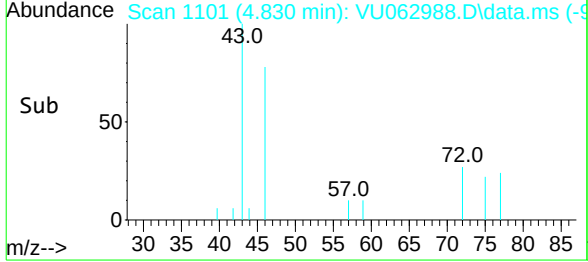
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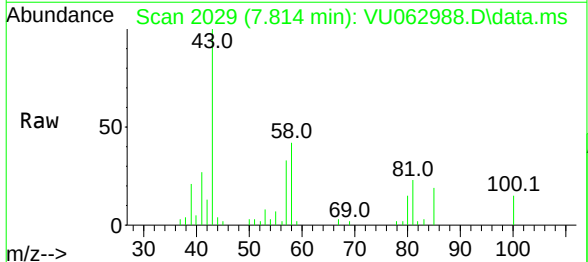
Tgt Ion: 43 Resp: 13211
Ion Ratio Lower Upper
43 100
72 13.2 17.1 51.2#

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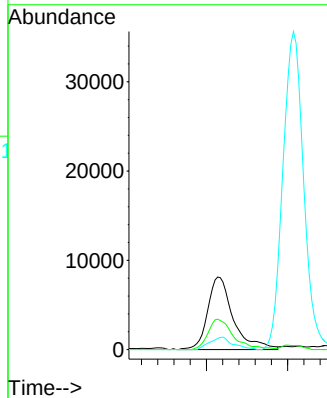
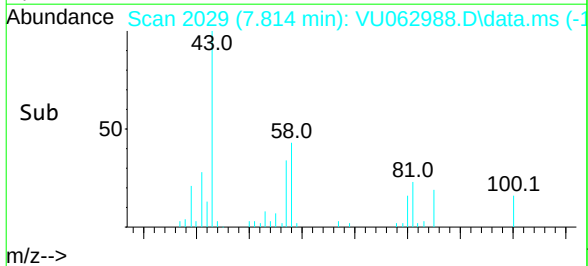
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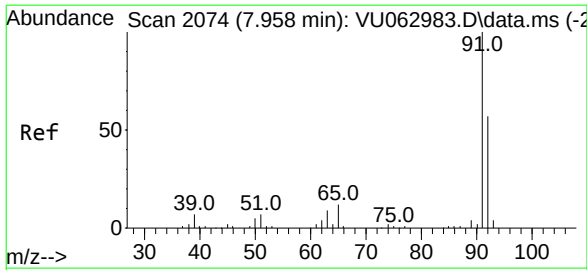


#40
4-Methyl-2-pentanone
Concen: 5.250 ug/L
RT: 7.814 min Scan# 2029
Delta R.T. 0.035 min
Lab File: VU062988.D
Acq: 24 Jan 2025 13:11



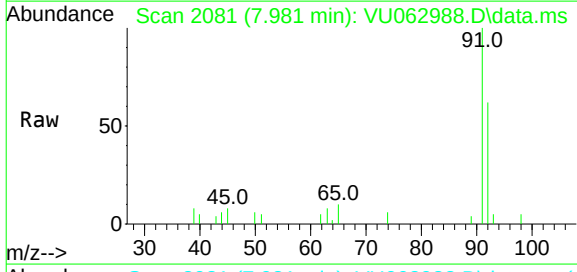
Tgt Ion: 43 Resp: 17766
Ion Ratio Lower Upper
43 100
58 41.7 35.8 53.8
100 15.5 16.8 25.2#





#42
Toluene
Concen: 0.230 ug/L
RT: 7.981 min Scan# 2081
Delta R.T. 0.023 min
Lab File: VU062988.D
Acq: 24 Jan 2025 13:11

Instrument : MSVOA_U
ClientSampleId : E2932



Tgt Ion: 91 Resp: 7750
Ion Ratio Lower Upper
91 100
92 61.7 40.4 75.0

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