

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012425\
 Data File : VU063003.D
 Acq On : 24 Jan 2025 19:20
 Operator : MD/SY
 Sample : Q1174-15MS
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 24 20:36:57 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

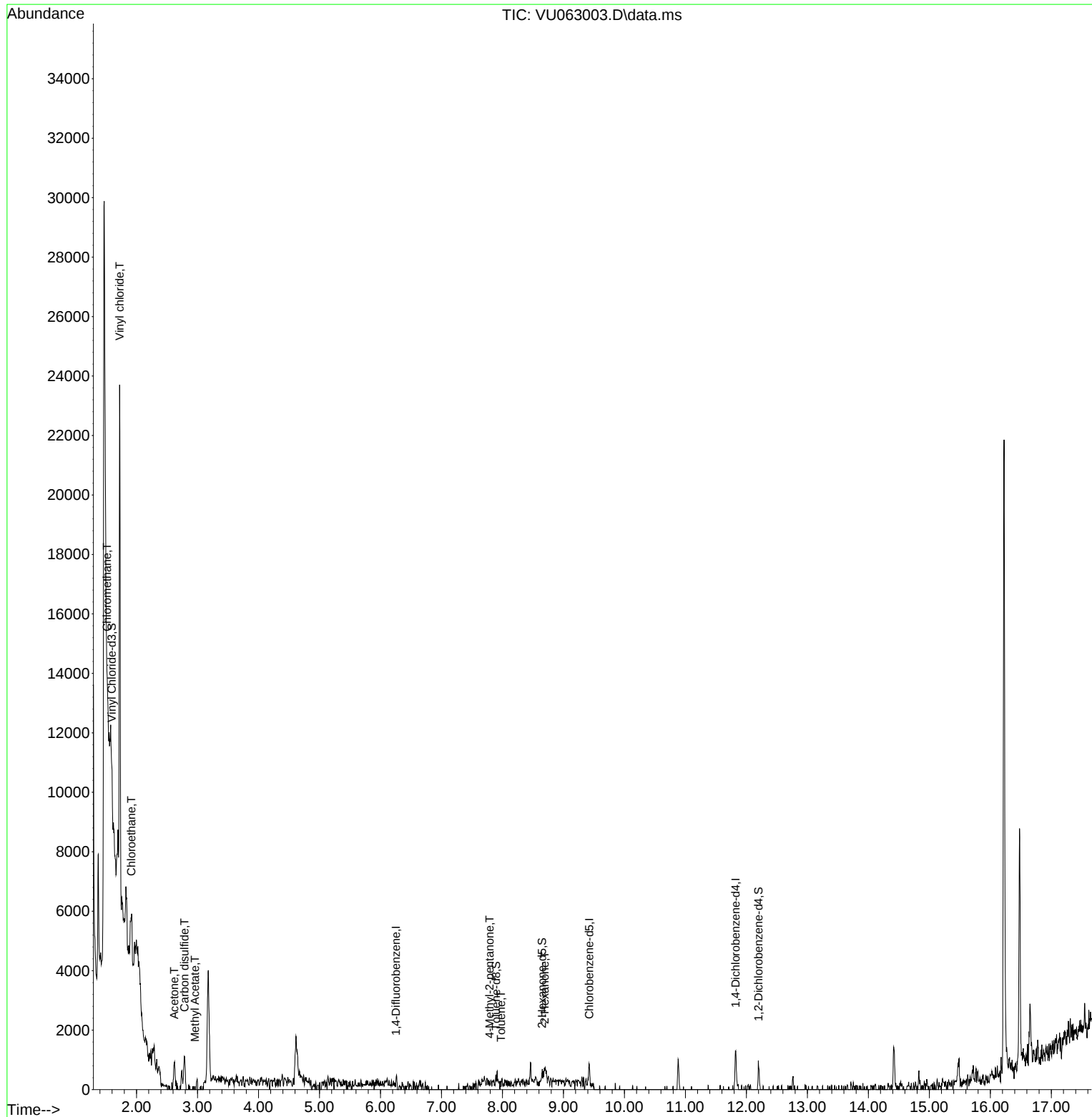
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.255	114	148	5.000	ug/L	# 0.02
28) Chlorobenzene-d5	9.422	117	533	5.000	ug/L	# 0.01
58) 1,4-Dichlorobenzene-d4	11.823	152	626	5.000	ug/L	0.02
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	138	16.836	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	336.800%#	
7) Chloroethane-d5	0.000	69	0	0.000	ug/L	
Spiked Amount	5.000	Range 65 - 130	Recovery	=	0.000%#	
11) 1,1-Dichloroethene-d2	0.000	65	0	0.000	ug/L	
Spiked Amount	5.000	Range 60 - 125	Recovery	=	0.000%#	
20) 2-Butanone-d5	0.000	46	0	0.000	ug/L	
Spiked Amount	50.000	Range 40 - 130	Recovery	=	0.000%#	
24) Chloroform-d	0.000	84	0	0.000	ug/L	
Spiked Amount	5.000	Range 70 - 125	Recovery	=	0.000%#	
26) 1,2-Dichloroethane-d4	0.000	65	0	0.000	ug/L	
Spiked Amount	5.000	Range 70 - 130	Recovery	=	0.000%#	
32) Benzene-d6	0.000	84	0	0.000	ug/L	
Spiked Amount	5.000	Range 70 - 125	Recovery	=	0.000%#	
36) 1,2-Dichloropropane-d6	0.000	67	0	0.000	ug/L	
Spiked Amount	5.000	Range 60 - 140	Recovery	=	0.000%#	
41) Toluene-d8	7.894	98	149	1.174	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	23.400%#	
43) trans-1,3-Dichloroprop...	0.000	79	0	0.000	ug/L	
Spiked Amount	5.000	Range 55 - 130	Recovery	=	0.000%#	
46) 2-Hexanone-d5	8.650	63	66	11.654	ug/L	0.03
Spiked Amount	50.000	Range 45 - 130	Recovery	=	23.300%#	
56) 1,1,2,2-Tetrachloroeth...	0.000	84	0	0.000	ug/L	
Spiked Amount	5.000	Range 65 - 120	Recovery	=	0.000%#	
66) 1,2-Dichlorobenzene-d4	12.200	152	380	3.649	ug/L	0.02
Spiked Amount	5.000	Range 80 - 120	Recovery	=	73.000%#	
Target Compounds						
					Qvalue	
3) Chloromethane	1.518	50	752	79.476	ug/L #	40
5) Vinyl chloride	1.724	62	321	30.129	ug/L #	1
8) Chloroethane	1.914	64	1830	285.889	ug/L #	53
13) Acetone	2.618	43	1140	859.006	ug/L	96
14) Carbon disulfide	2.785	76	1640	55.885	ug/L #	76
15) Methyl Acetate	2.959	43	21	7.308	ug/L #	44
40) 4-Methyl-2-pentanone	7.791	43	20	1.185	ug/L #	39
42) Toluene	7.978	91	19	0.113	ug/L #	22
48) 2-Hexanone	8.692	43	604	49.787	ug/L #	50

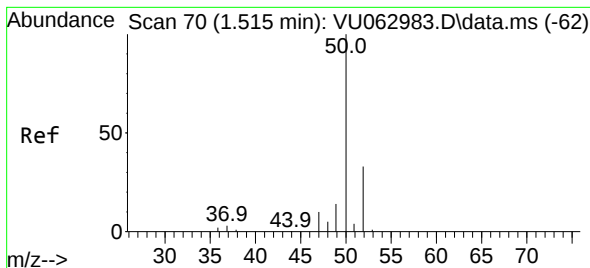
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 79.476 ug/L

RT: 1.518 min Scan# 70

Delta R.T. 0.003 min

Lab File: VU063003.D

Acq: 24 Jan 2025 19:20

Instrument :

MSVOA_U

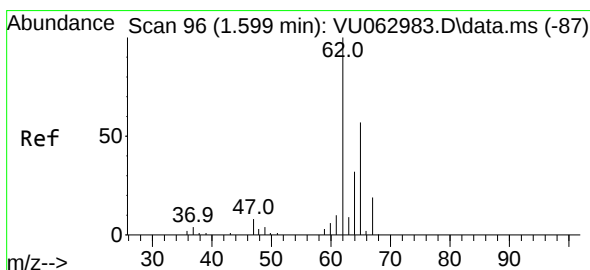
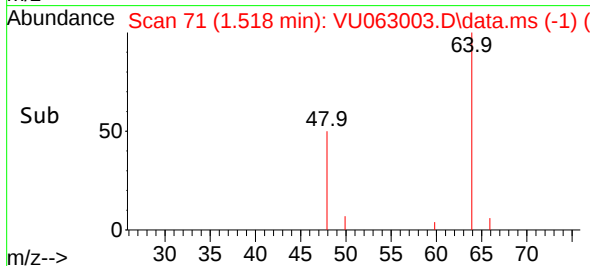
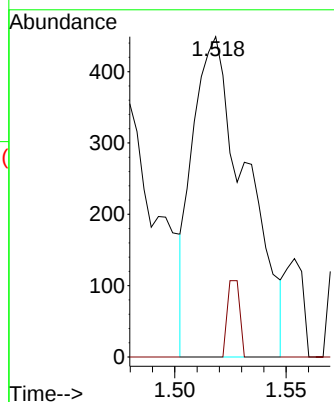
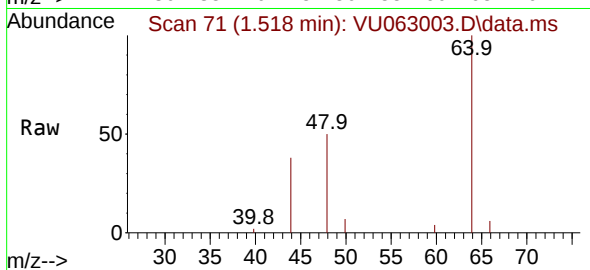
ClientSampleId :

Tgt Ion: 50 Resp: 752

Ion Ratio Lower Upper

50 100

52 0.0 24.1 44.7#



#5

Vinyl chloride

Concen: 30.129 ug/L

RT: 1.724 min Scan# 135

Delta R.T. 0.125 min

Lab File: VU063003.D

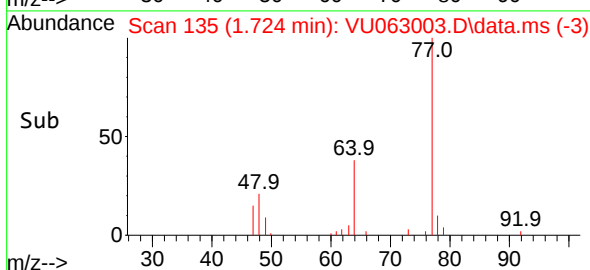
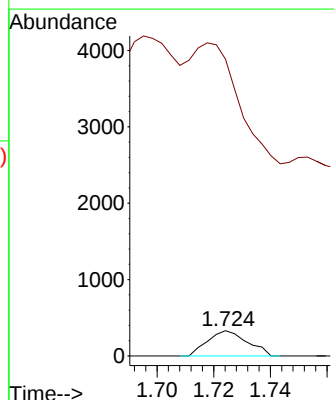
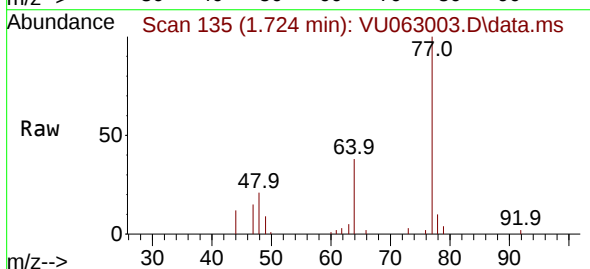
Acq: 24 Jan 2025 19:20

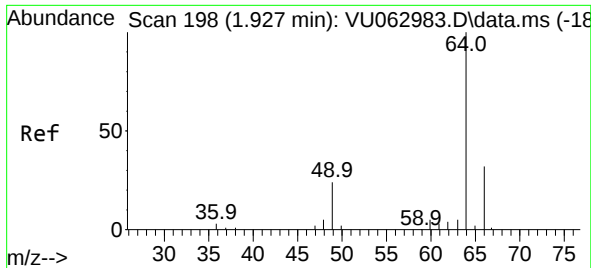
Tgt Ion: 62 Resp: 321

Ion Ratio Lower Upper

62 100

64 1177.6 23.4 43.4#

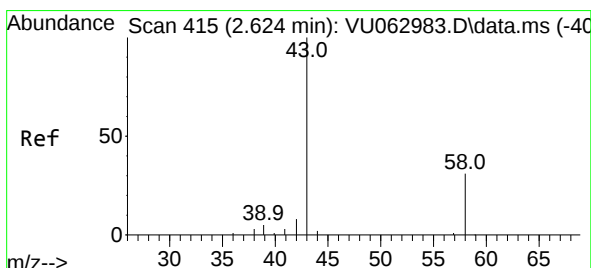
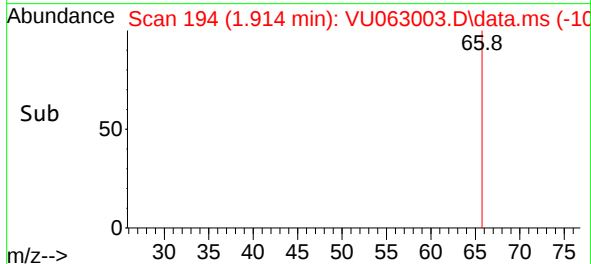
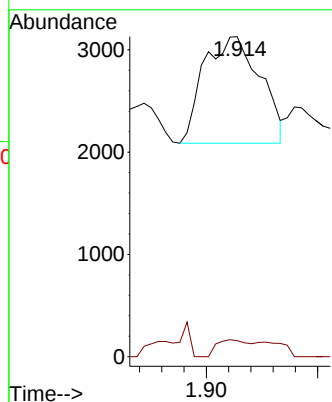
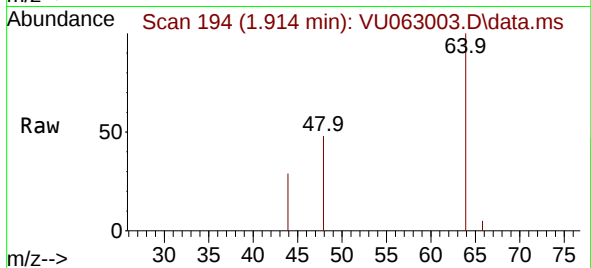




#8
Chloroethane
Concen: 285.889 ug/L
RT: 1.914 min Scan# 19
Delta R.T. -0.013 min
Lab File: VU063003.D
Acq: 24 Jan 2025 19:20

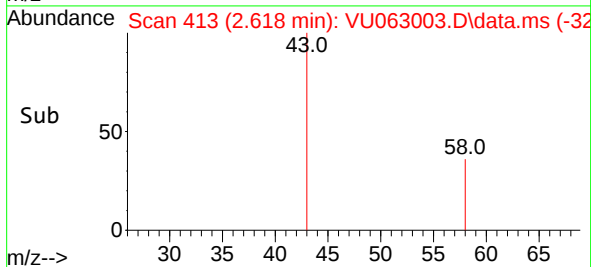
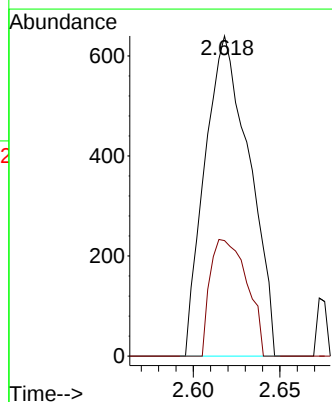
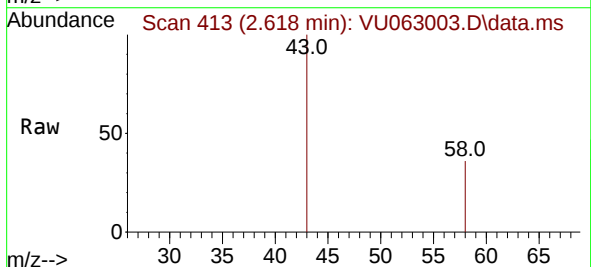
Instrument :
MSVOA_U
ClientSampleId :

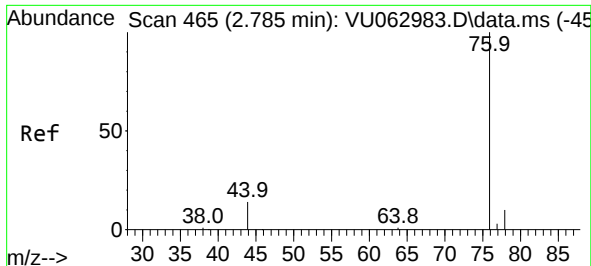
Tgt Ion: 64 Resp: 1830
Ion Ratio Lower Upper
64 100
66 5.0 21.6 40.2#



#13
Acetone
Concen: 859.006 ug/L
RT: 2.618 min Scan# 413
Delta R.T. -0.006 min
Lab File: VU063003.D
Acq: 24 Jan 2025 19:20

Tgt Ion: 43 Resp: 1140
Ion Ratio Lower Upper
43 100
58 30.1 0.0 64.4

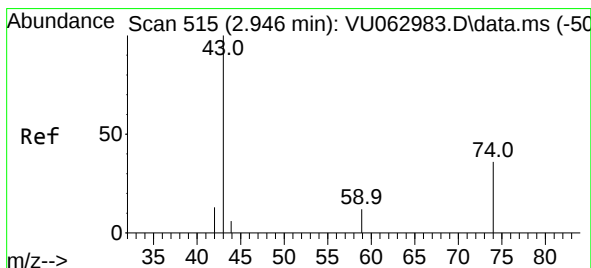
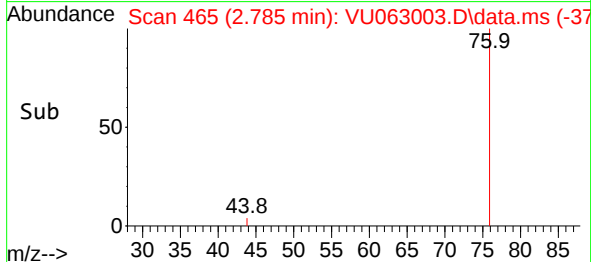
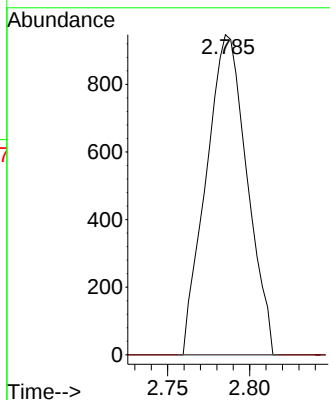
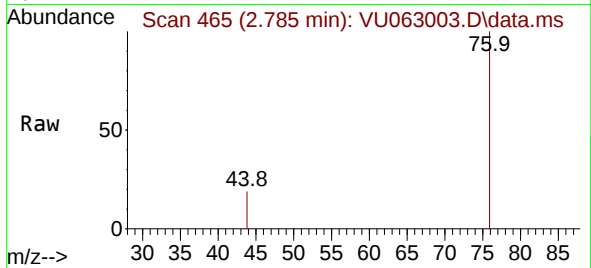




#14
Carbon disulfide
Concen: 55.885 ug/L
RT: 2.785 min Scan# 41
Delta R.T. 0.000 min
Lab File: VU063003.D
Acq: 24 Jan 2025 19:20

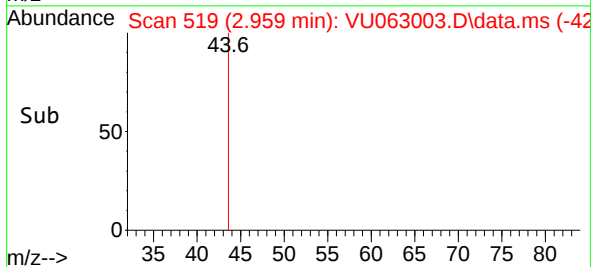
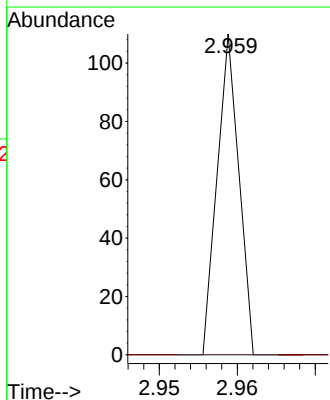
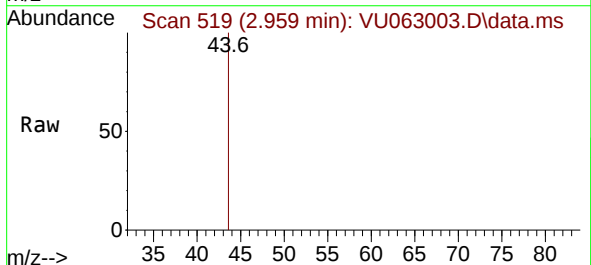
Instrument :
MSVOA_U
ClientSampleId :

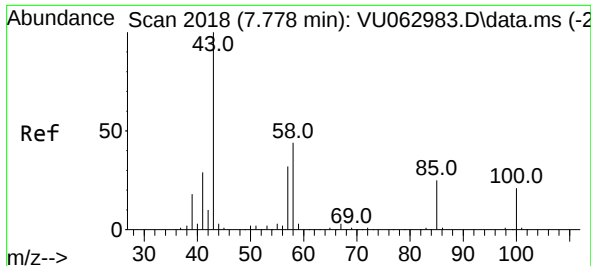
Tgt Ion: 76 Resp: 1640
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#



#15
Methyl Acetate
Concen: 7.308 ug/L
RT: 2.959 min Scan# 519
Delta R.T. 0.013 min
Lab File: VU063003.D
Acq: 24 Jan 2025 19:20

Tgt Ion: 43 Resp: 21
Ion Ratio Lower Upper
43 100
74 0.0 24.4 36.6#





#40

4-Methyl-2-pentanone

Concen: 1.185 ug/L

RT: 7.791 min Scan# 20

Delta R.T. 0.013 min

Lab File: VU063003.D

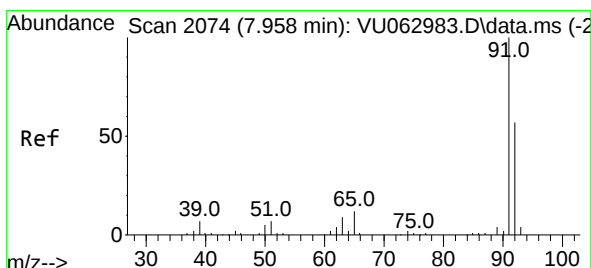
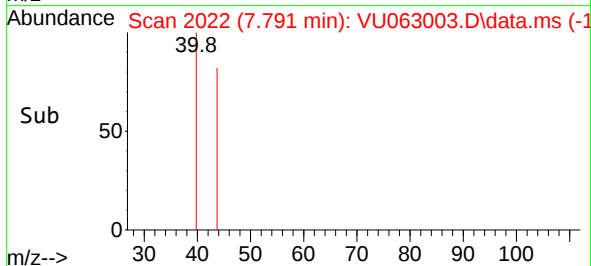
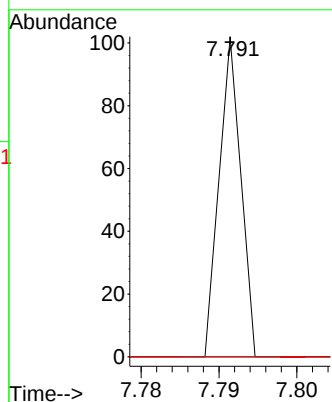
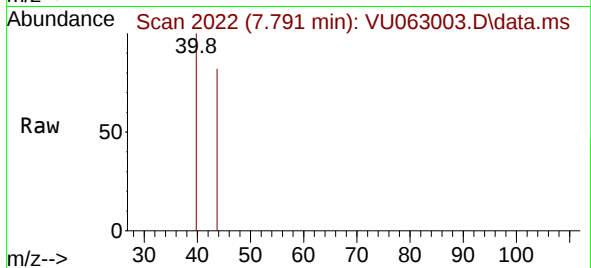
Acq: 24 Jan 2025 19:20

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 43	Resp:	20
Ion Ratio	Lower	Upper
43	100	
58	0.0	35.8 53.8#
100	0.0	16.8 25.2#



#42

Toluene

Concen: 0.113 ug/L

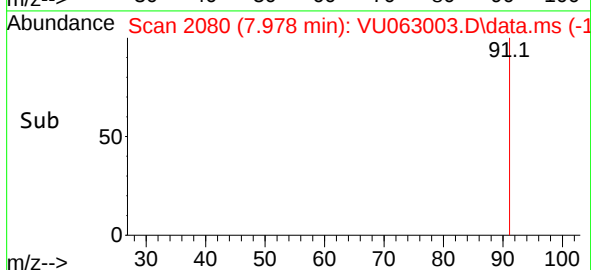
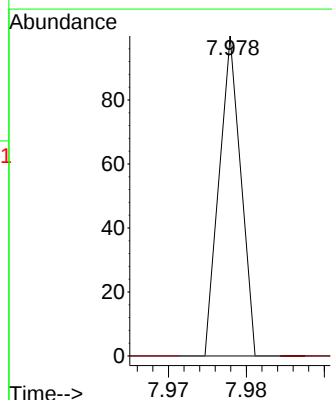
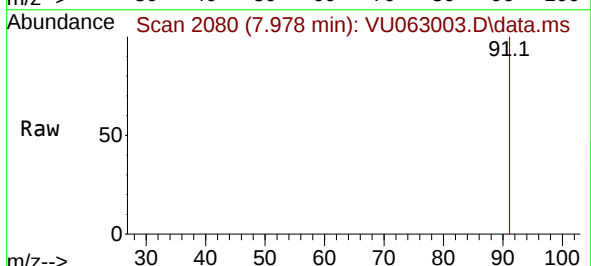
RT: 7.978 min Scan# 2080

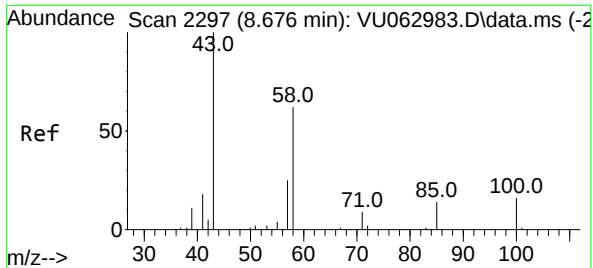
Delta R.T. 0.019 min

Lab File: VU063003.D

Acq: 24 Jan 2025 19:20

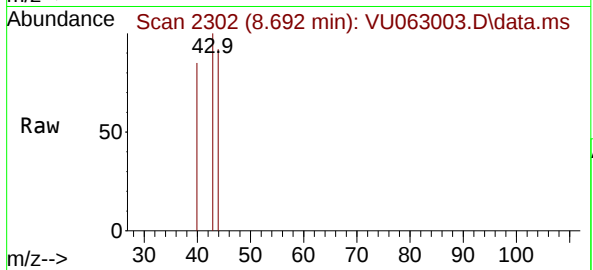
Tgt Ion: 91	Resp:	19
Ion Ratio	Lower	Upper
91	100	
92	0.0	40.4 75.0#





#48
 2-Hexanone
 Concen: 49.787 ug/L
 RT: 8.692 min Scan# 21
 Delta R.T. 0.016 min
 Lab File: VU063003.D
 Acq: 24 Jan 2025 19:20

Instrument :
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 ClientSampleId :



Tgt Ion: 43	Resp:	604	
Ion	Ratio	Lower	Upper
43	100		
58	21.5	50.2	75.4#
57	0.0	19.9	29.9#
100	0.0	12.6	18.8#

