

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102424\
 Data File : VU061212.D
 Acq On : 24 Oct 2024 20:39
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 25 02:39:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 25 02:35:03 2024
 Response via : Initial Calibration

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

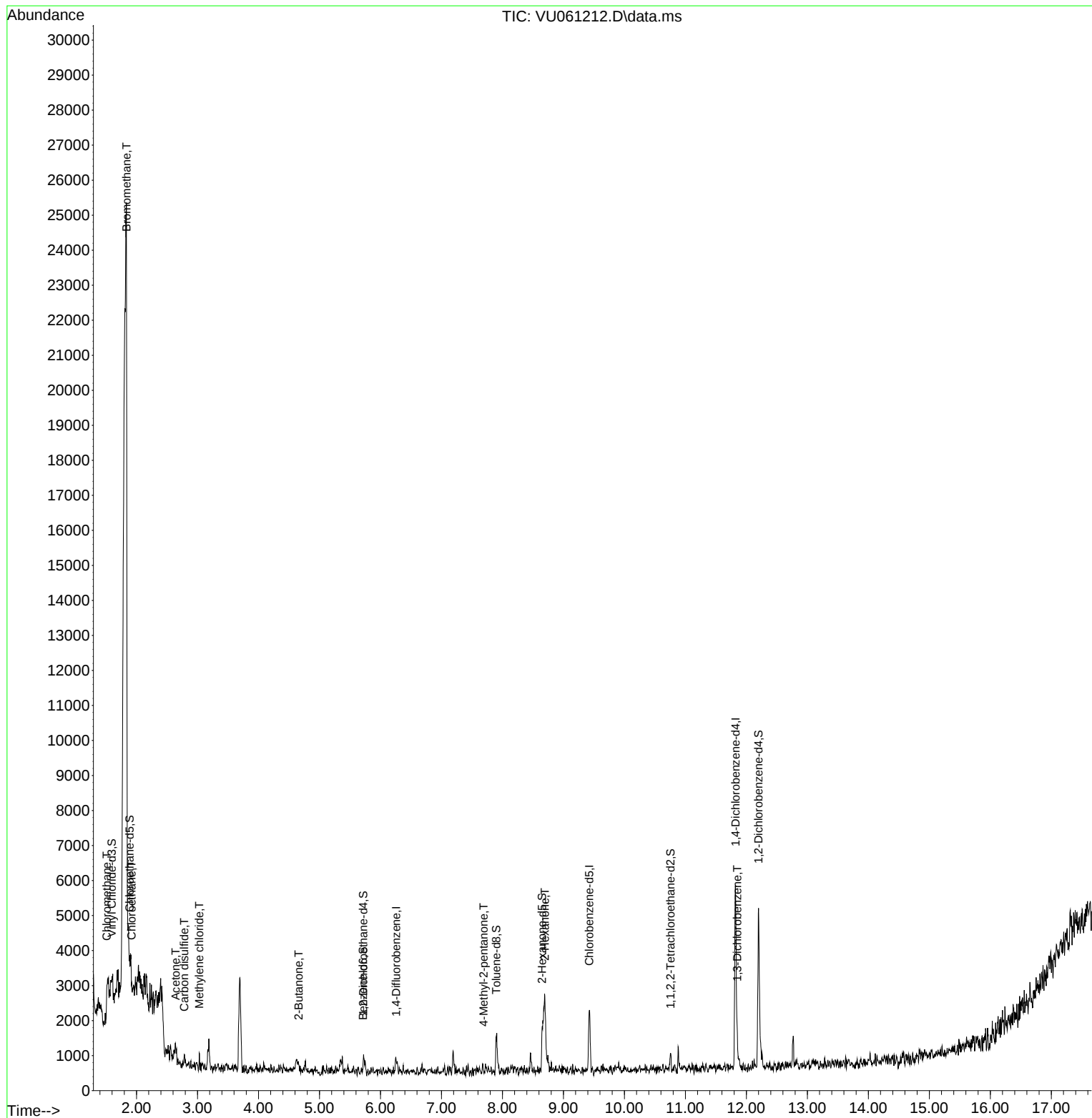
Internal Standards						
1) 1,4-Difluorobenzene	6.258	114	674	5.000	ug/L	# 0.02
28) Chlorobenzene-d5	9.425	117	1340	5.000	ug/L	# 0.01
58) 1,4-Dichlorobenzene-d4	11.823	152	2125	5.000	ug/L	0.02
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	83	1.813	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	36.200%#
7) Chloroethane-d5	1.888	69	41	0.977	ug/L	-0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	19.600%#
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	5.717	65	137	3.163	ug/L	0.03
Spiked Amount	5.000	Range	70 - 130	Recovery	=	63.200%#
32) Benzene-d6	5.714	84	25	0.066	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	1.400%#
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	7.901	98	374	1.059	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	21.200%#
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	445	23.448	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	46.900%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	185	2.155	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	43.200%#
66) 1,2-Dichlorobenzene-d4	12.200	152	1658	4.406	ug/L	0.01
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.200%
Target Compounds						Qvalue
3) Chloromethane	1.515	50	383	8.083	ug/L #	80
6) Bromomethane	1.837	94	249	7.213	ug/L #	69
8) Chloroethane	1.917	64	314	8.186	ug/L #	42
13) Acetone	2.640	43	557	94.605	ug/L	98
14) Carbon disulfide	2.782	76	105	0.790	ug/L #	74
16) Methylene chloride	3.030	84	26	0.554	ug/L #	55
21) 2-Butanone	4.660	43	63	6.750	ug/L #	43
40) 4-Methyl-2-pentanone	7.692	43	122	2.334	ug/L #	1
48) 2-Hexanone	8.698	43	1498	40.520	ug/L #	83
64) 1,3-Dichlorobenzene	11.849	146	95	0.139	ug/L #	24

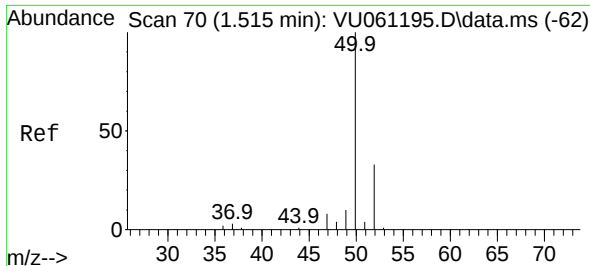
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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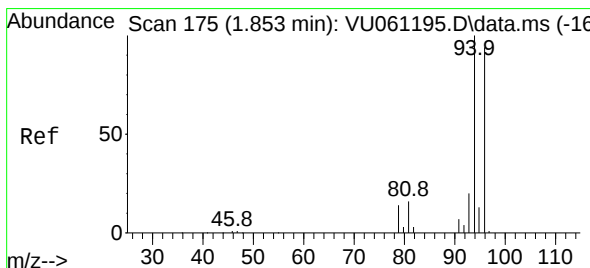
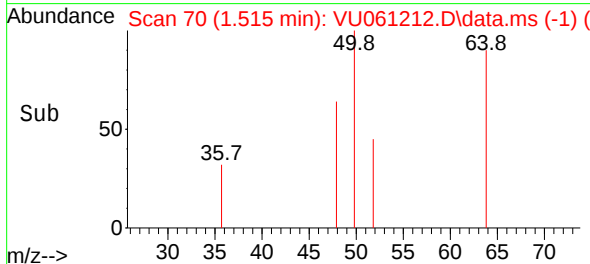
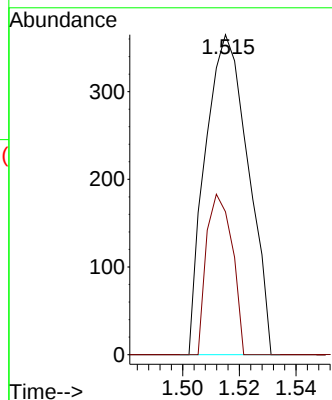
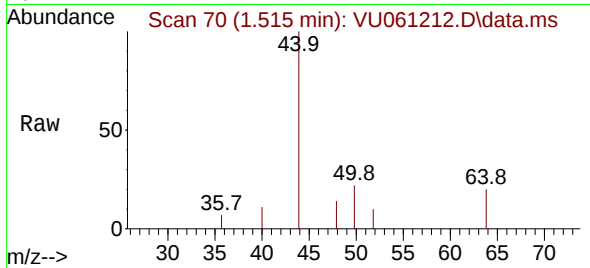




#3
Chloromethane
Concen: 8.083 ug/L
RT: 1.515 min Scan# 70
Delta R.T. 0.000 min
Lab File: VU061212.D
Acq: 24 Oct 2024 20:39

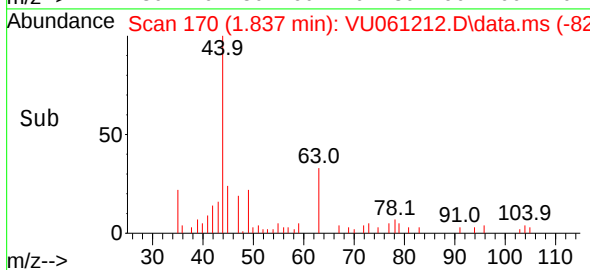
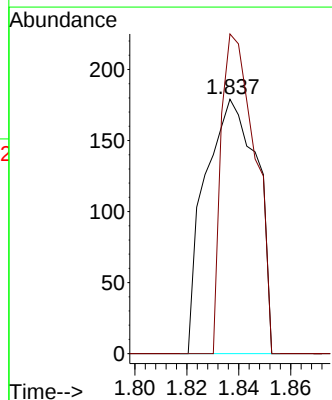
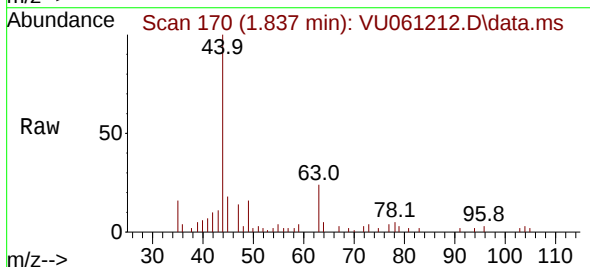
Instrument :
MSVOA_U
ClientSampleId :

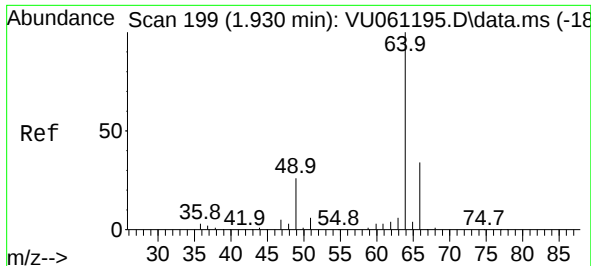
Tgt Ion: 50 Resp: 383
Ion Ratio Lower Upper
50 100
52 44.7 23.4 43.4#



#6
Bromomethane
Concen: 7.213 ug/L
RT: 1.837 min Scan# 170
Delta R.T. -0.016 min
Lab File: VU061212.D
Acq: 24 Oct 2024 20:39

Tgt Ion: 94 Resp: 249
Ion Ratio Lower Upper
94 100
96 125.7 66.9 124.3#

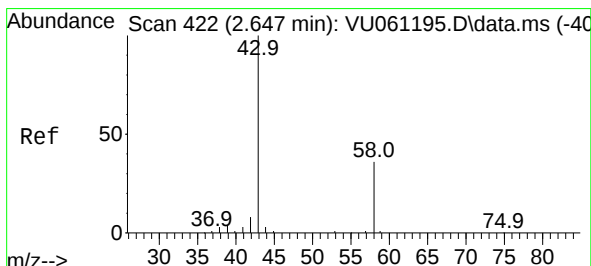
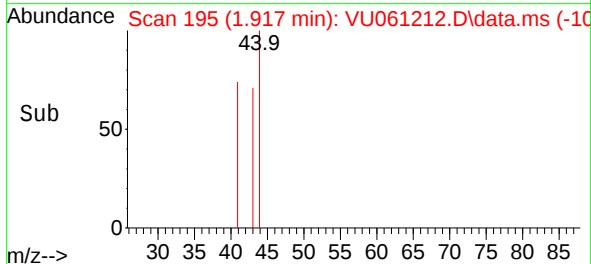
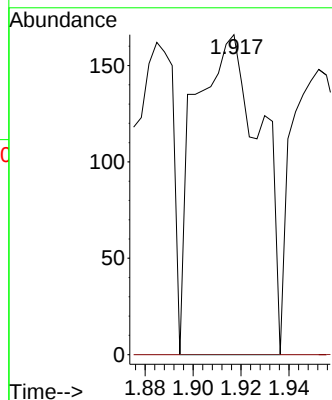
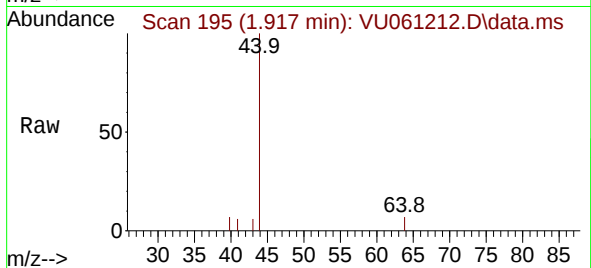




#8
Chloroethane
Concen: 8.186 ug/L
RT: 1.917 min Scan# 195
Delta R.T. -0.013 min
Lab File: VU061212.D
Acq: 24 Oct 2024 20:39

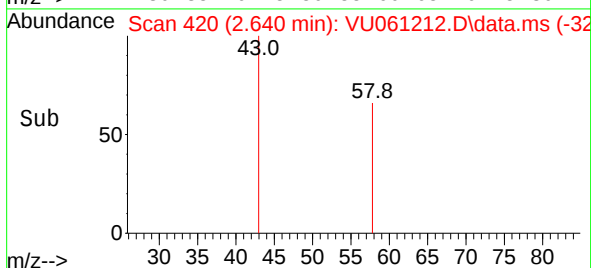
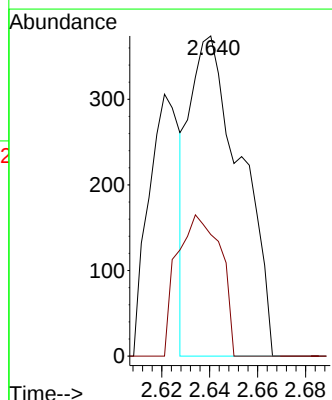
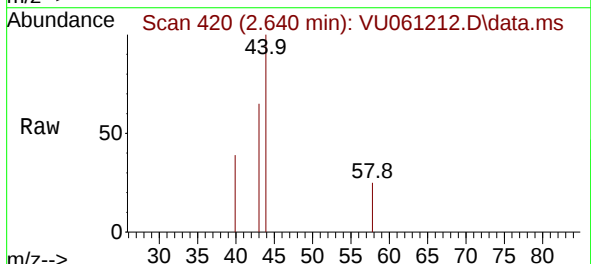
Instrument :
MSVOA_U
ClientSampleId :

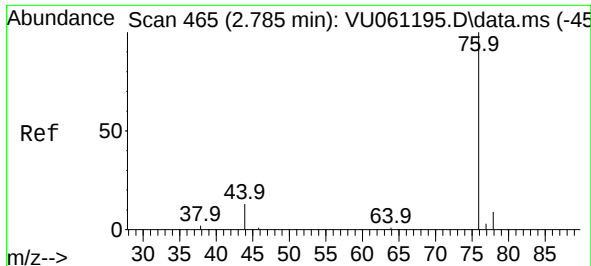
Tgt Ion: 64 Resp: 314
Ion Ratio Lower Upper
64 100
66 0.0 23.1 42.9#



#13
Acetone
Concen: 94.605 ug/L
RT: 2.640 min Scan# 420
Delta R.T. -0.006 min
Lab File: VU061212.D
Acq: 24 Oct 2024 20:39

Tgt Ion: 43 Resp: 557
Ion Ratio Lower Upper
43 100
58 37.5 0.0 73.2

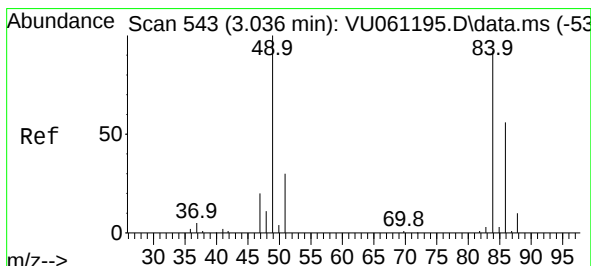
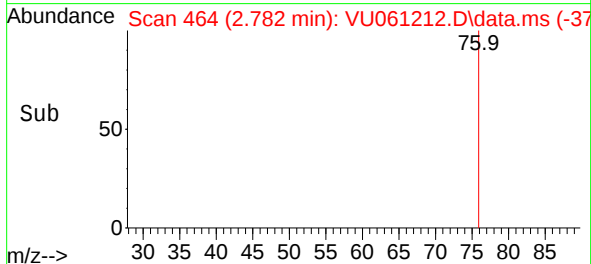
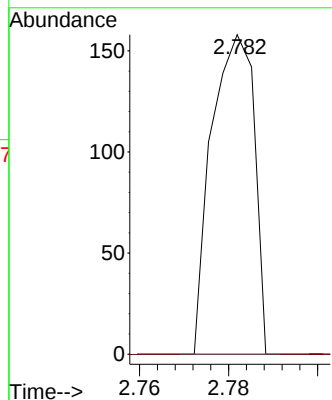
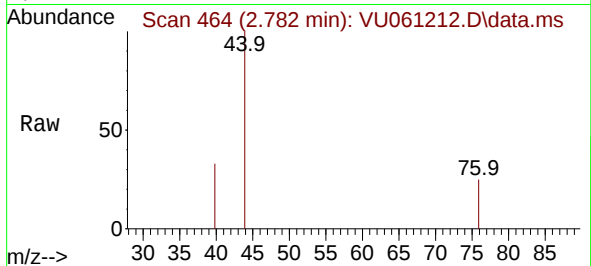




#14
Carbon disulfide
Concen: 0.790 ug/L
RT: 2.782 min Scan# 41
Delta R.T. -0.003 min
Lab File: VU061212.D
Acq: 24 Oct 2024 20:39

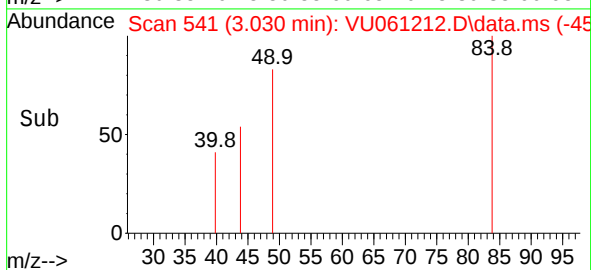
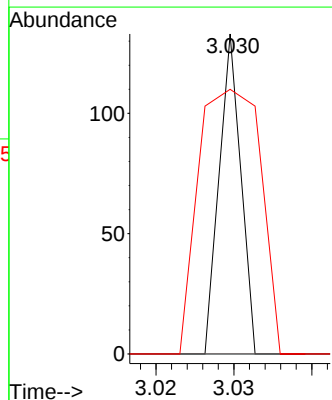
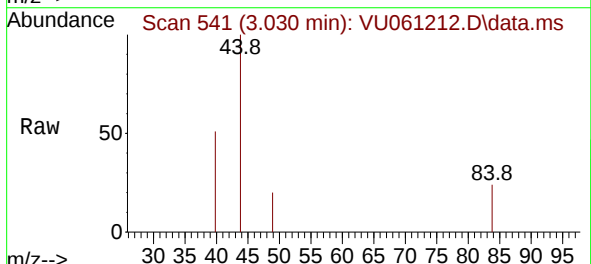
Instrument :
MSVOA_U
ClientSampleId :

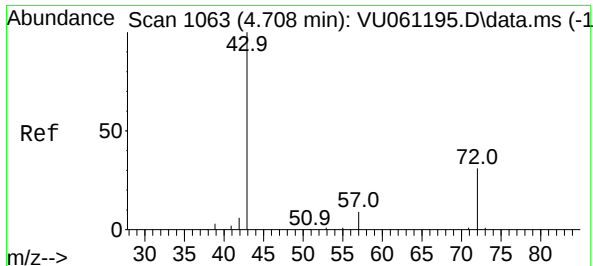
Tgt Ion: 76 Resp: 105
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.2#



#16
Methylene chloride
Concen: 0.554 ug/L
RT: 3.030 min Scan# 541
Delta R.T. -0.006 min
Lab File: VU061212.D
Acq: 24 Oct 2024 20:39

Tgt Ion: 84 Resp: 26
Ion Ratio Lower Upper
84 100
86 0.0 43.5 80.7#
49 82.7 75.7 140.7

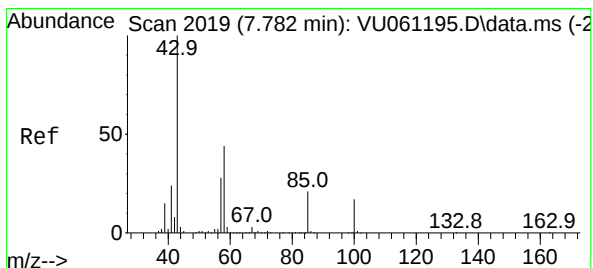
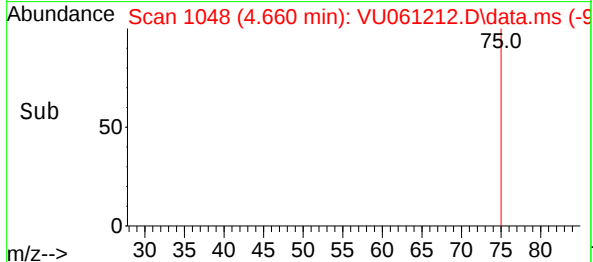
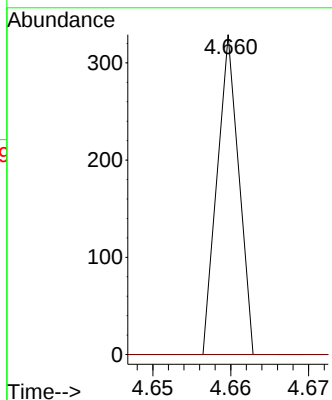
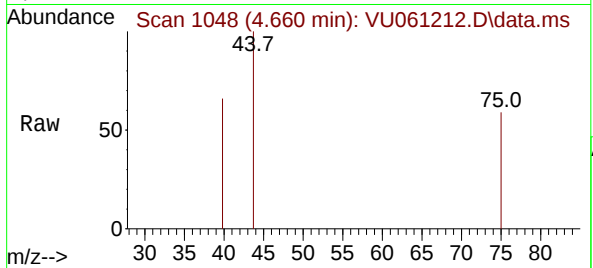




#21
2-Butanone
Concen: 6.750 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. -0.048 min
Lab File: VU061212.D
Acq: 24 Oct 2024 20:39

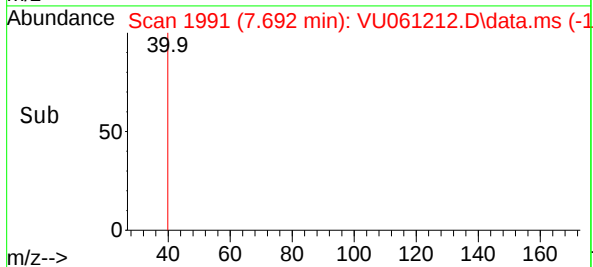
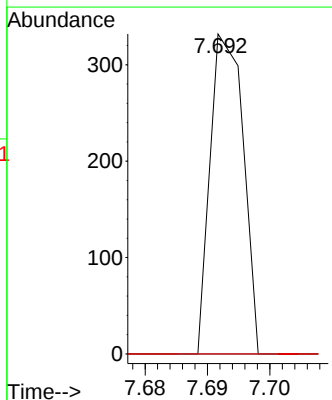
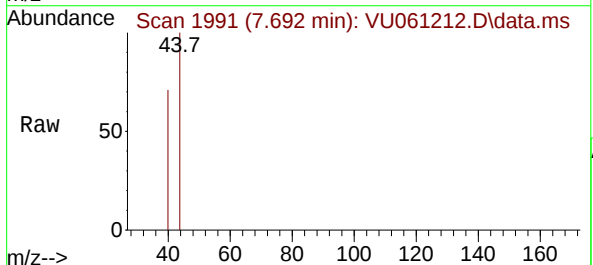
Instrument :
MSVOA_U
ClientSampleId :

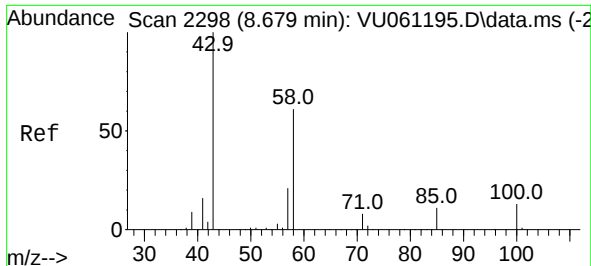
Tgt Ion: 43 Resp: 63
Ion Ratio Lower Upper
43 100
72 0.0 15.9 47.6#



#40
4-Methyl-2-pentanone
Concen: 2.334 ug/L
RT: 7.692 min Scan# 1991
Delta R.T. -0.090 min
Lab File: VU061212.D
Acq: 24 Oct 2024 20:39

Tgt Ion: 43 Resp: 122
Ion Ratio Lower Upper
43 100
58 0.0 35.1 52.7#
100 448.4 14.0 21.0#





#48

2-Hexanone

Concen: 40.520 ug/L

RT: 8.698 min Scan# 21

Delta R.T. 0.019 min

Lab File: VU061212.D

Acq: 24 Oct 2024 20:39

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 43 Resp: 1498

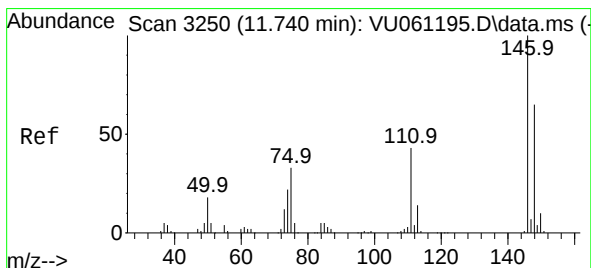
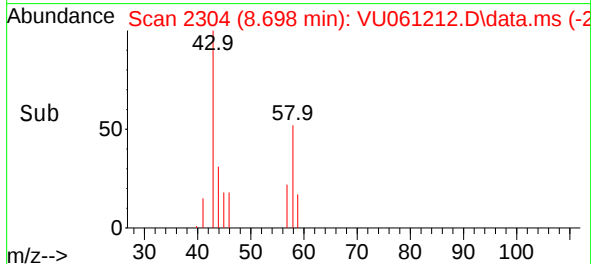
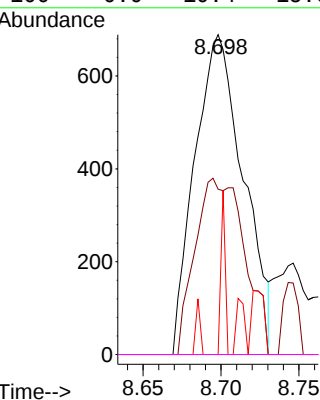
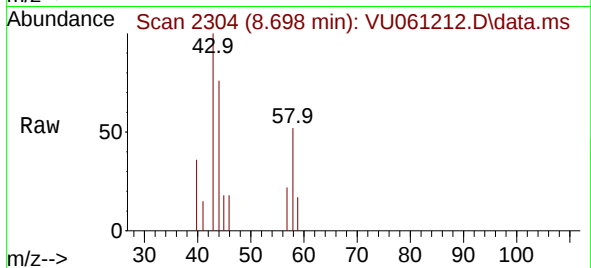
Ion Ratio Lower Upper

43 100

58 55.9 48.6 72.8

57 4.5 17.0 25.6#

100 0.0 10.4 15.6#



#64

1,3-Dichlorobenzene

Concen: 0.139 ug/L

RT: 11.849 min Scan# 3284

Delta R.T. 0.109 min

Lab File: VU061212.D

Acq: 24 Oct 2024 20:39

Tgt Ion:146 Resp: 95

Ion Ratio Lower Upper

146 100

111 0.0 30.0 55.8#

148 0.0 45.1 83.7#

