

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031723\
 Data File : VU053263.D
 Acq On : 17 Mar 2023 13:40
 Operator : JC/MD
 Sample : 01929-11DL 5X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EYFE4DL

Quant Time: Mar 18 01:51:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 18 01:49:30 2023
 Response via : Initial Calibration

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

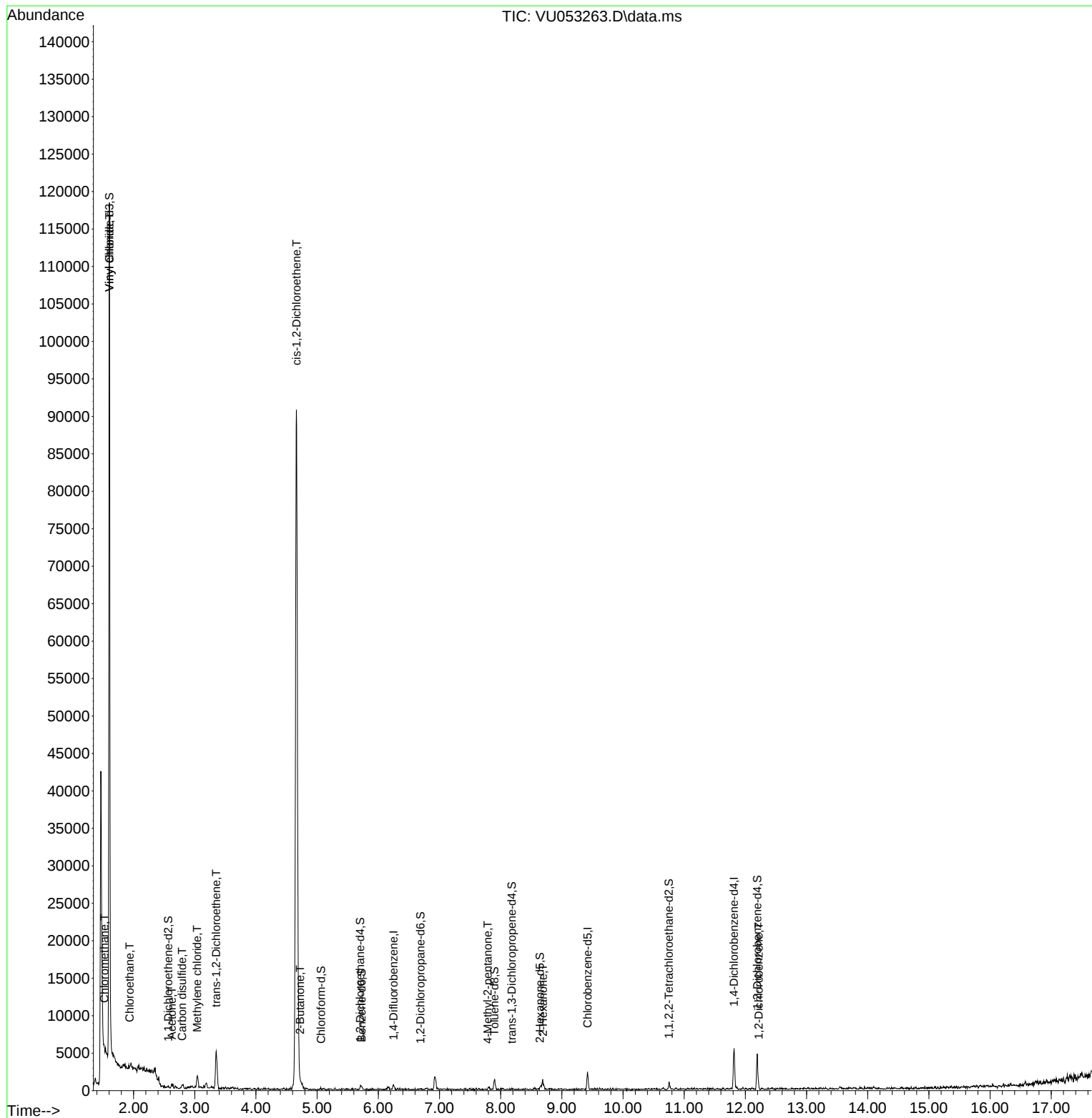
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	954	50.000	ug/L	# 0.00
28) Chlorobenzene-d5	9.420	117	1442	50.000	ug/L	# 0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	1855	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	918	104.304	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	208.600%#	
7) Chloroethane-d5	0.000	69	0	0.000	ug/L	
Spiked Amount	50.000	Range 70 - 130	Recovery	=	0.000%#	
11) 1,1-Dichloroethene-d2	2.565	63	143	9.379	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	18.760%#	
21) 2-Butanone-d5	0.000	46	0	0.000	ug/L	
Spiked Amount	100.000	Range 40 - 130	Recovery	=	0.000%#	
24) Chloroform-d	5.063	84	72	4.967	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	9.940%#	
26) 1,2-Dichloroethane-d4	5.703	65	247	27.436	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	54.880%#	
32) Benzene-d6	5.729	84	305	6.521	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	13.040%#	
36) 1,2-Dichloropropane-d6	6.690	67	84	5.565	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	11.120%#	
41) Toluene-d8	7.896	98	1365	31.346	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	62.700%#	
43) trans-1,3-Dichloroprop...	8.182	79	42	5.639	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	11.280%#	
47) 2-Hexanone-d5	8.642	63	73	15.468	ug/L	0.02
Spiked Amount	100.000	Range 45 - 130	Recovery	=	15.470%#	
56) 1,1,2,2-Tetrachloroeth...	10.748	84	348	17.796	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	35.600%#	
66) 1,2-Dichlorobenzene-d4	12.195	152	1439	40.063	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	80.120%	
Target Compounds						Qvalue
3) Chloromethane	1.523	50	225	24.521	ug/L #	41
5) Vinyl chloride	1.604	62	75057	7477.744	ug/L	95
8) Chloroethane	1.938	64	207	34.913	ug/L #	42
13) Acetone	2.623	43	724	155.729	ug/L	53
14) Carbon disulfide	2.793	76	820	38.642	ug/L #	76
16) Methylene chloride	3.038	84	586	68.945	ug/L	94
17) trans-1,2-Dichloroethene	3.350	96	2118	297.945	ug/L	82
20) cis-1,2-Dichloroethene	4.662	96	45726	5476.511	ug/L	92
22) 2-Butanone	4.723	43	43	8.118	ug/L #	1
40) 4-Methyl-2-pentanone	7.790	43	80	5.580	ug/L #	1
48) 2-Hexanone	8.690	43	997	83.049	ug/L #	41
67) 1,2-Dichlorobenzene	12.218	146	66	1.074	ug/L #	23

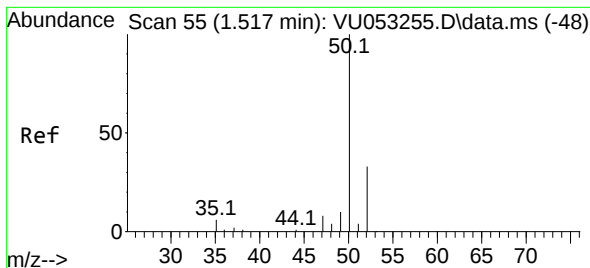
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 24.521 ug/L

RT: 1.523 min Scan# 51

Delta R.T. 0.006 min

Lab File: VU053263.D

Acq: 17 Mar 2023 13:40

Instrument :

MSVOA_U

ClientSampleId :

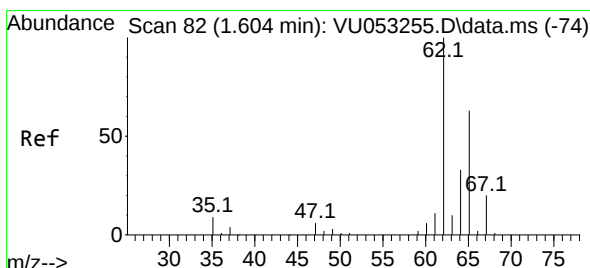
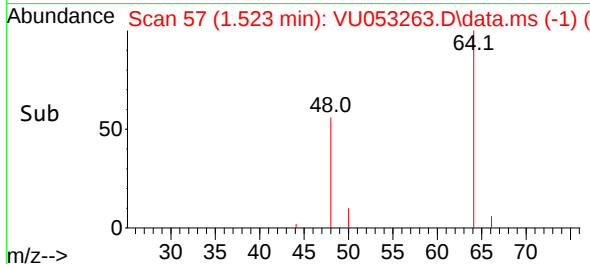
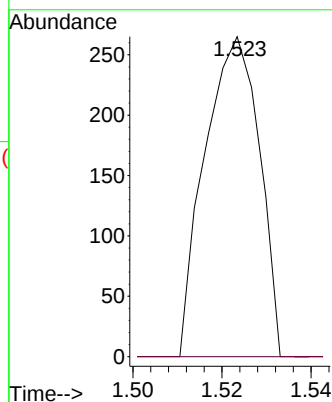
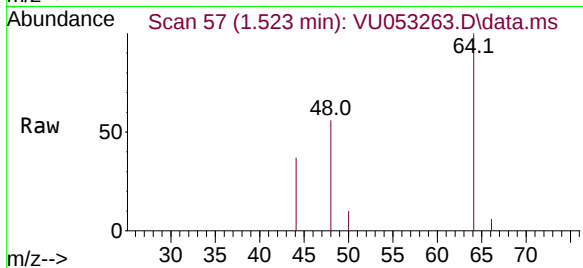
EYFE4DL

Tgt Ion: 50 Resp: 225

Ion Ratio Lower Upper

50 100

52 0.0 23.4 43.4#



#5

Vinyl chloride

Concen: 7477.744 ug/L

RT: 1.604 min Scan# 82

Delta R.T. -0.000 min

Lab File: VU053263.D

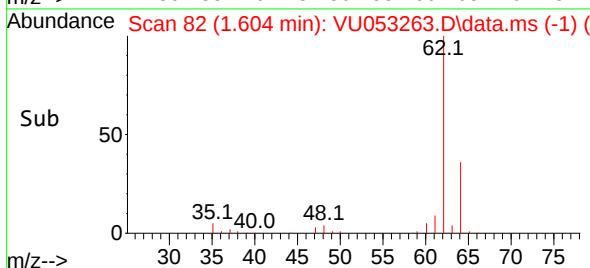
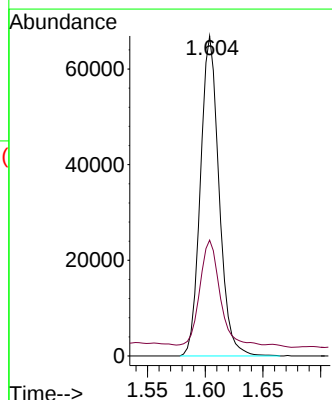
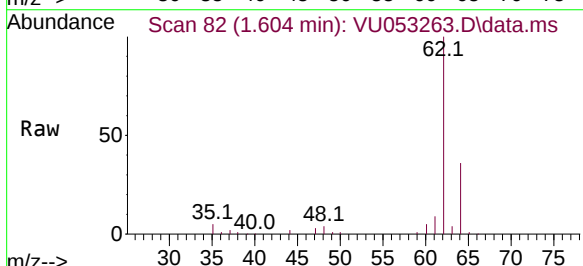
Acq: 17 Mar 2023 13:40

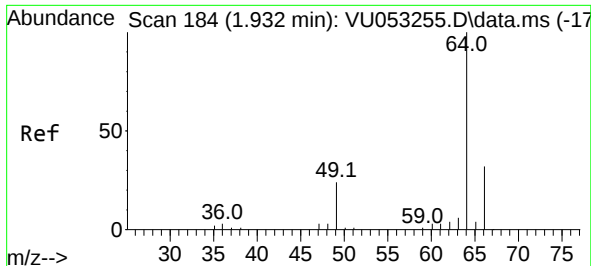
Tgt Ion: 62 Resp: 75057

Ion Ratio Lower Upper

62 100

64 36.2 23.2 43.0

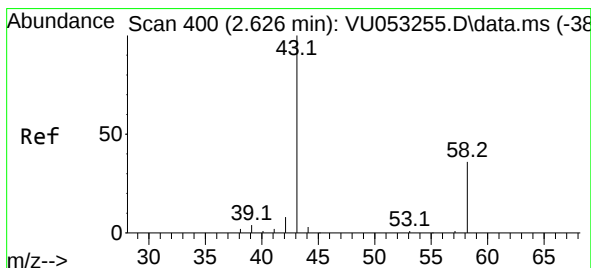
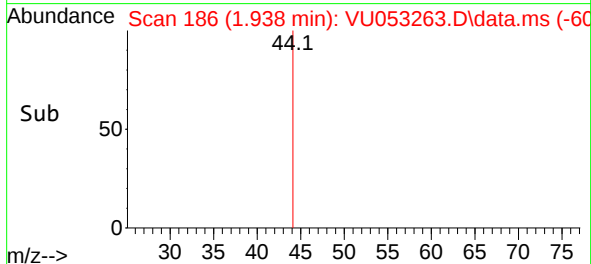
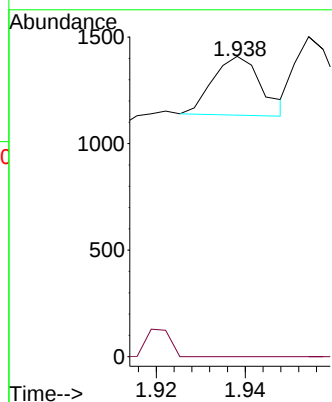
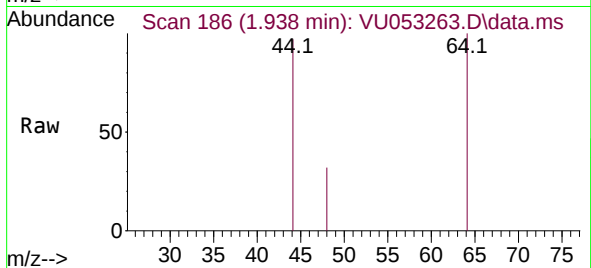




#8
Chloroethane
Concen: 34.913 ug/L
RT: 1.938 min Scan# 11
Delta R.T. 0.006 min
Lab File: VU053263.D
Acq: 17 Mar 2023 13:40

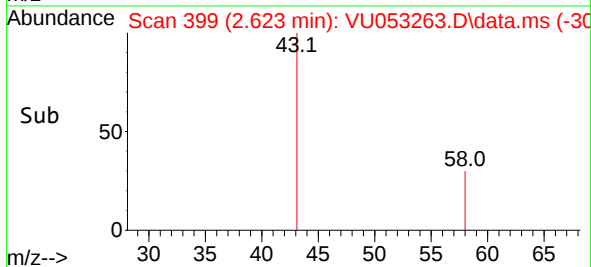
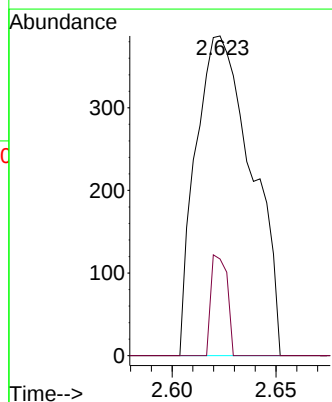
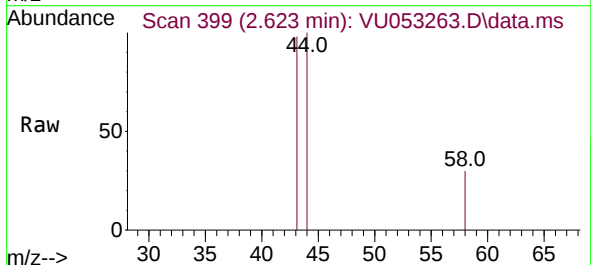
Instrument :
MSVOA_U
ClientSampleId :
EYFE4DL

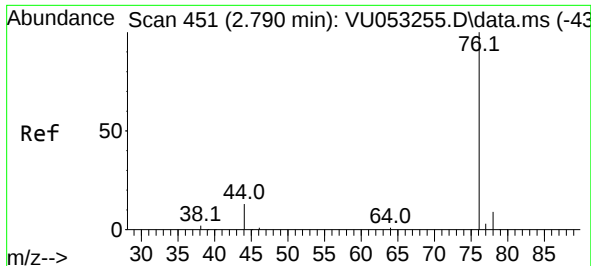
Tgt Ion: 64 Resp: 207
Ion Ratio Lower Upper
64 100
66 0.0 22.6 42.0#



#13
Acetone
Concen: 155.729 ug/L
RT: 2.623 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU053263.D
Acq: 17 Mar 2023 13:40

Tgt Ion: 43 Resp: 724
Ion Ratio Lower Upper
43 100
58 9.1 0.0 75.0

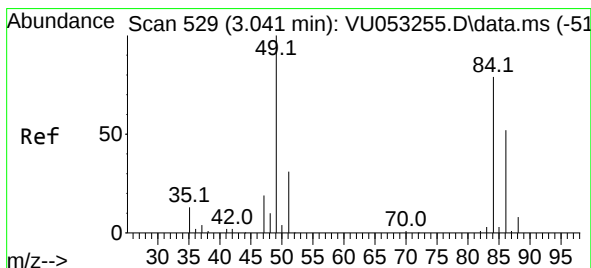
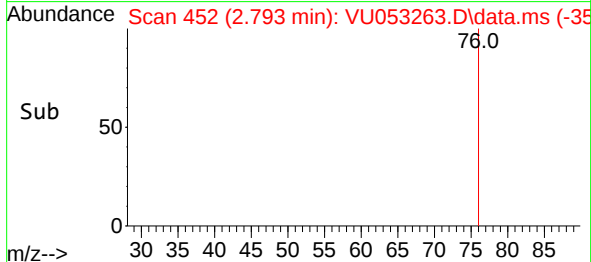
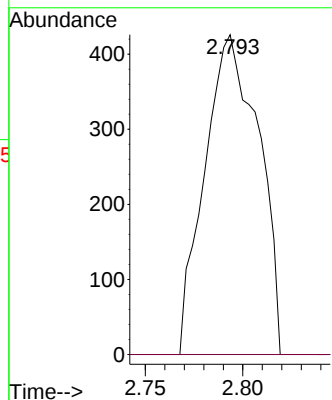
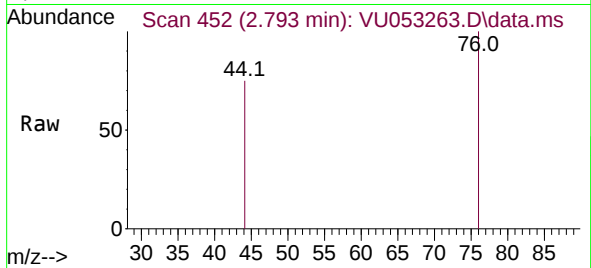




#14
Carbon disulfide
Concen: 38.642 ug/L
RT: 2.793 min Scan# 41
Delta R.T. 0.003 min
Lab File: VU053263.D
Acq: 17 Mar 2023 13:40

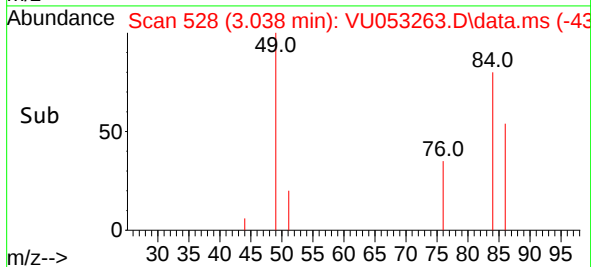
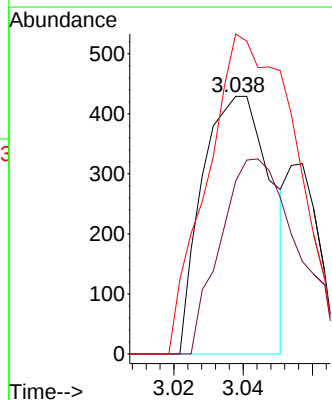
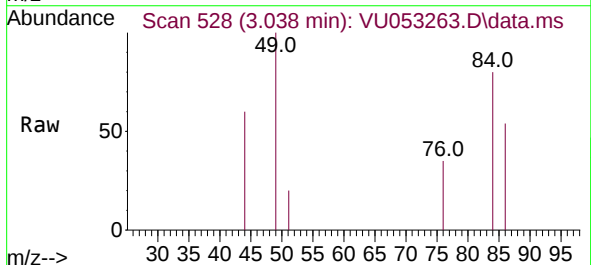
Instrument :
MSVOA_U
ClientSampleId :
EYFE4DL

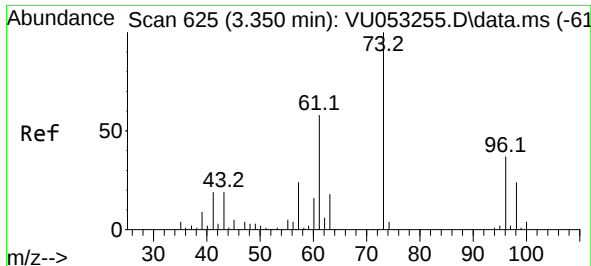
Tgt Ion: 76 Resp: 820
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#



#16
Methylene chloride
Concen: 68.945 ug/L
RT: 3.038 min Scan# 528
Delta R.T. -0.003 min
Lab File: VU053263.D
Acq: 17 Mar 2023 13:40

Tgt Ion: 84 Resp: 586
Ion Ratio Lower Upper
84 100
86 67.1 44.4 82.4
49 124.2 81.6 151.6





#17

trans-1,2-Dichloroethene

Concen: 297.945 ug/L

RT: 3.350 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU053263.D

Acq: 17 Mar 2023 13:40

Instrument :

MSVOA_U

ClientSampleId :

EYFE4DL

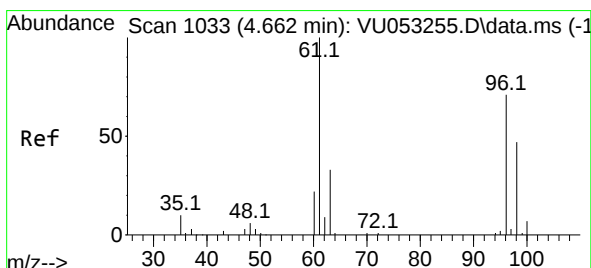
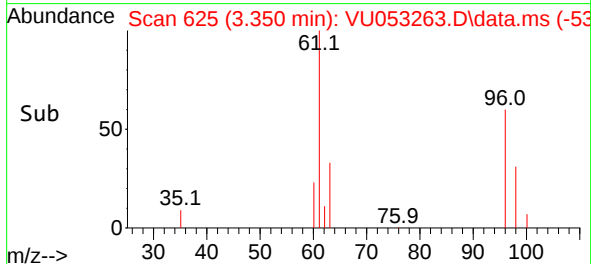
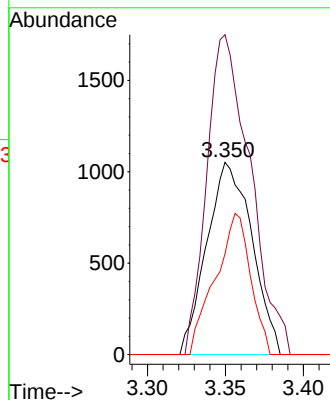
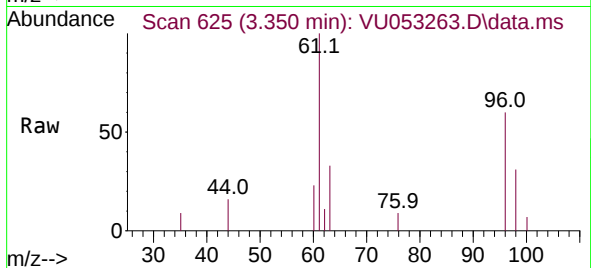
Tgt Ion: 96 Resp: 2118

Ion Ratio Lower Upper

96 100

61 166.3 99.6 185.0

98 52.4 45.5 84.5



#20

cis-1,2-Dichloroethene

Concen: 5476.511 ug/L

RT: 4.662 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VU053263.D

Acq: 17 Mar 2023 13:40

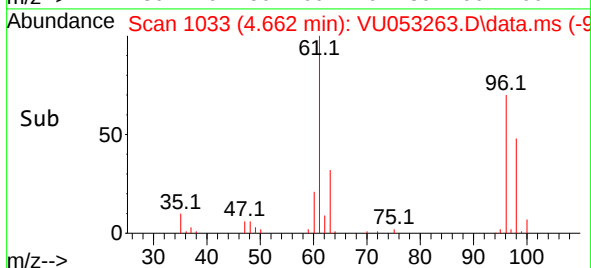
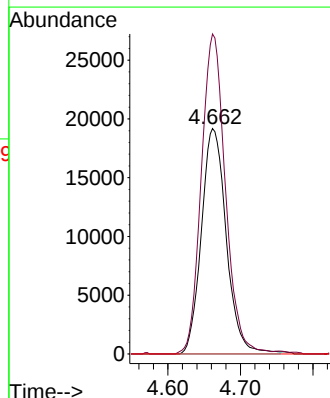
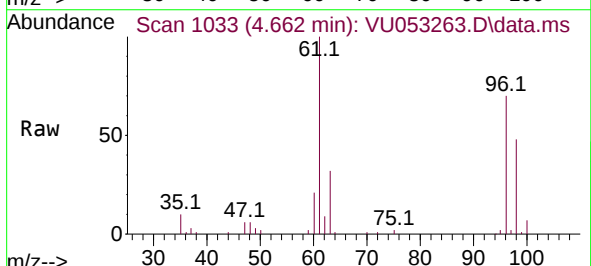
Tgt Ion: 96 Resp: 45726

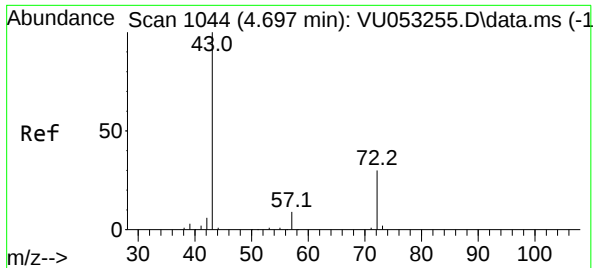
Ion Ratio Lower Upper

96 100

61 142.0 92.5 171.7

68 0.0 0.0 0.0

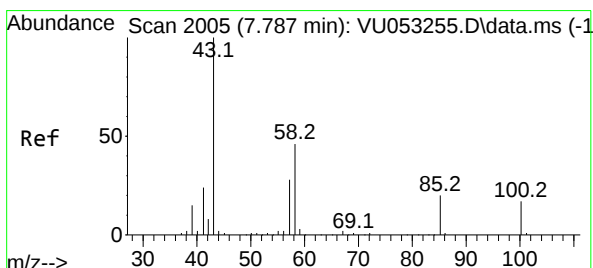
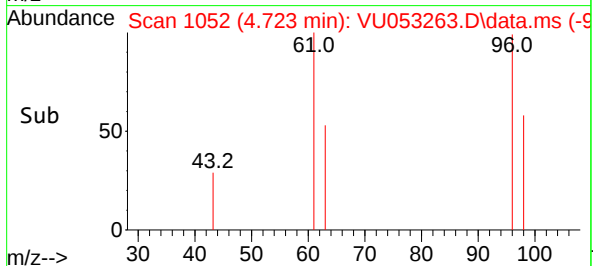
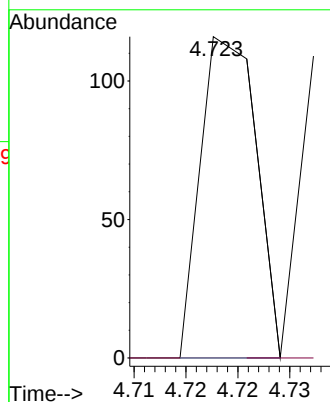
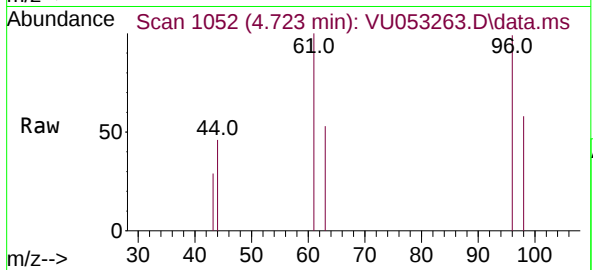




#22
2-Butanone
Concen: 8.118 ug/L
RT: 4.723 min Scan# 1052
Delta R.T. 0.026 min
Lab File: VU053263.D
Acq: 17 Mar 2023 13:40

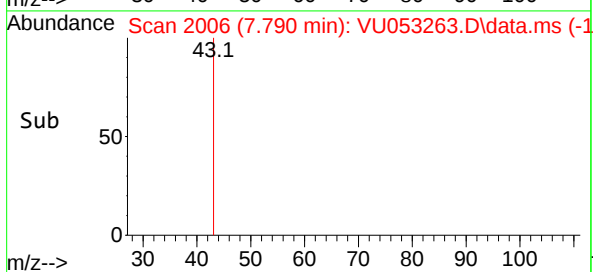
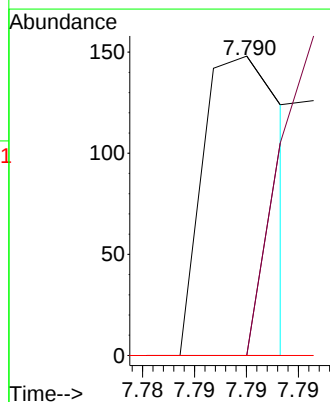
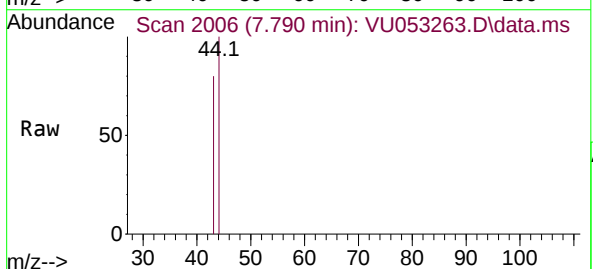
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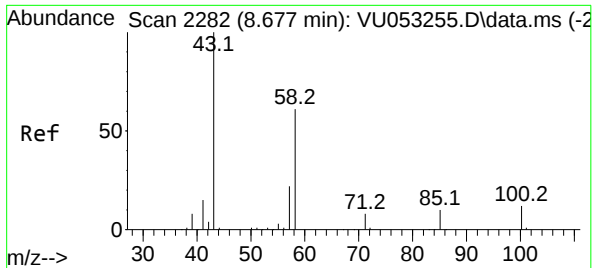
Tgt Ion: 43 Resp: 43
Ion Ratio Lower Upper
43 100
72 462.8 16.0 47.9#



#40
4-Methyl-2-pentanone
Concen: 5.580 ug/L
RT: 7.790 min Scan# 2006
Delta R.T. 0.003 min
Lab File: VU053263.D
Acq: 17 Mar 2023 13:40

Tgt Ion: 43 Resp: 80
Ion Ratio Lower Upper
43 100
58 125.0 35.8 53.6#
100 0.0 13.0 19.6#

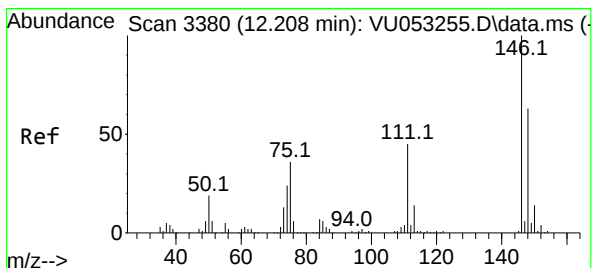
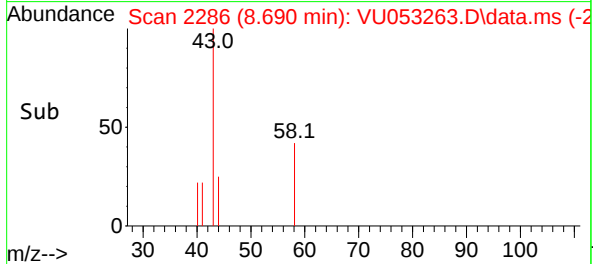
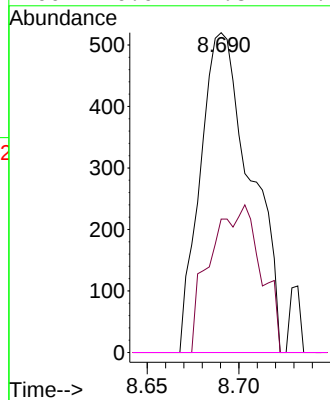
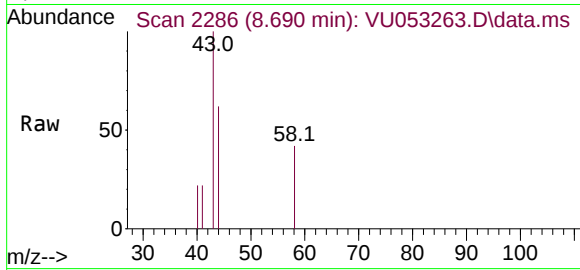




#48
2-Hexanone
Concen: 83.049 ug/L
RT: 8.690 min Scan# 21
Delta R.T. 0.013 min
Lab File: VU053263.D
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Tgt Ion: 43	Resp:	997
Ion	Ratio	Lower Upper
43	100	
58	8.0	49.4 74.0#
57	0.0	16.9 25.3#
100	0.0	9.8 14.8#



#67
1,2-Dichlorobenzene
Concen: 1.074 ug/L
RT: 12.218 min Scan# 3383
Delta R.T. 0.010 min
Lab File: VU053263.D
Acq: 17 Mar 2023 13:40

Tgt Ion: 146	Resp:	66
Ion	Ratio	Lower Upper
146	100	
111	0.0	37.0 55.4#
148	0.0	51.4 77.2#

