

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021123\
 Data File : VU053064.D
 Acq On : 11 Feb 2023 21:43
 Operator : JC/MD
 Sample : 01533-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COM79

Quant Time: Feb 12 22:52:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sun Feb 12 22:49:21 2023
 Response via : Initial Calibration

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

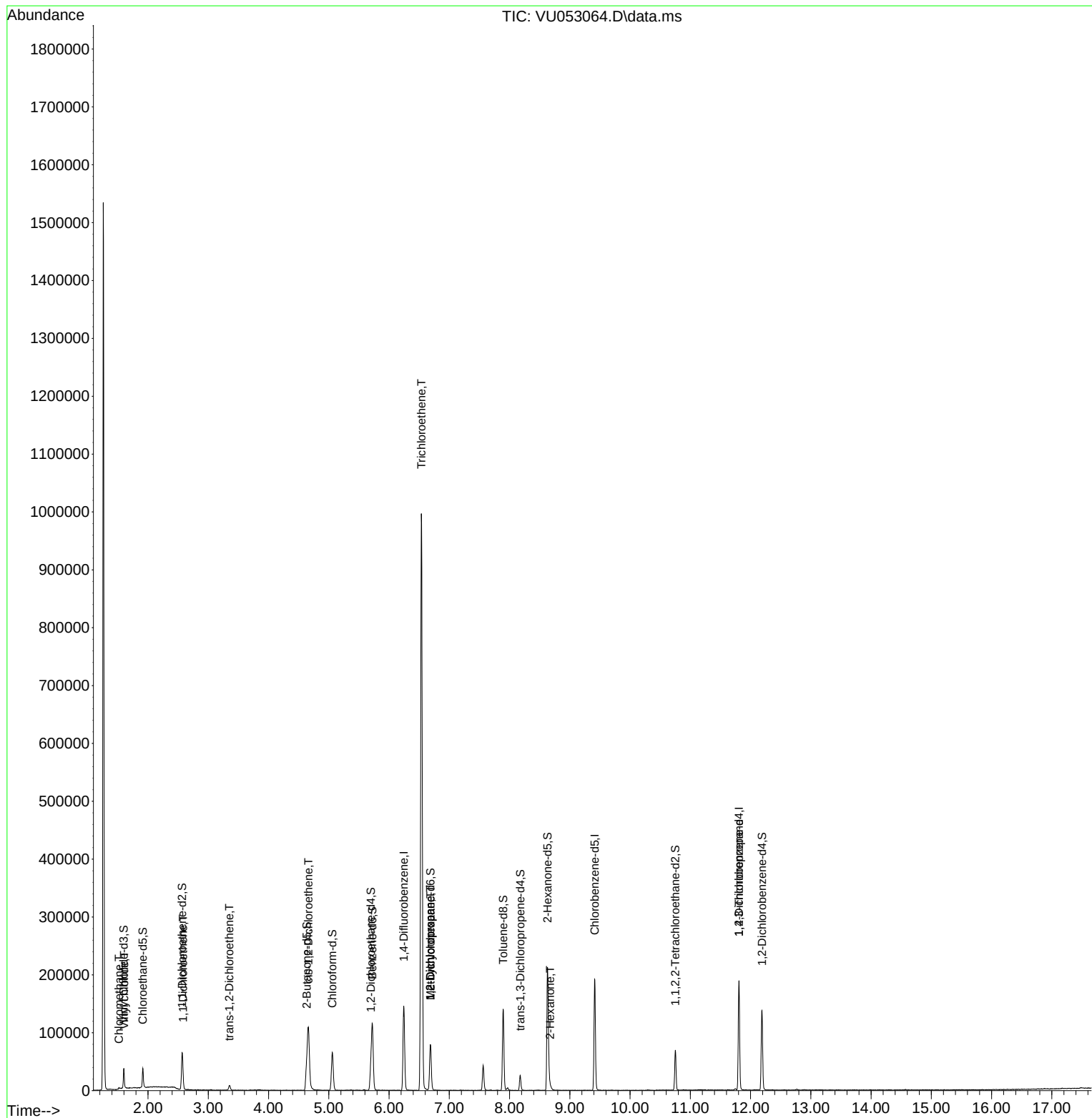
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	118420	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	104220	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	47538	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	23491	4.141	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.800%
7) Chloroethane-d5	1.913	69	23399	4.388	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.800%
11) 1,1-Dichloroethene-d2	2.566	65	10552	4.055	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.200%
20) 2-Butanone-d5	4.636	46	94075	54.145	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.300%
24) Chloroform-d	5.058	84	58602	4.489	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
26) 1,2-Dichloroethane-d4	5.698	65	31366	4.768	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.400%
32) Benzene-d6	5.723	84	110360	4.712	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
36) 1,2-Dichloropropane-d6	6.688	67	40076	4.913	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.200%
41) Toluene-d8	7.894	98	96239	4.549	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.000%
43) trans-1,3-Dichloroprop...	8.177	79	14820	4.488	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.800%
46) 2-Hexanone-d5	8.630	63	77711	53.007	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.020%
56) 1,1,2,2-Tetrachloroeth...	10.752	84	34705	4.954	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.000%
66) 1,2-Dichlorobenzene-d4	12.189	152	35366	4.980	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.518	50	1206	0.133	ug/L	94
5) Vinyl chloride	1.604	62	1204	0.121	ug/L #	59
12) 1,1-Dichloroethene	2.579	96	4388	0.626	ug/L #	1
18) trans-1,2-Dichloroethene	3.350	96	3457	0.466	ug/L	100
22) cis-1,2-Dichloroethene	4.662	96	42297	5.056	ug/L	96
34) Trichloroethene	6.537	95	343750	40.679	ug/L	98
35) Methylcyclohexane	6.688	83	8704	0.636	ug/L #	22
37) 1,2-Dichloropropane	6.685	63	4116	0.503	ug/L #	90
48) 2-Hexanone	8.675	43	3854	1.230	ug/L #	71
61) 1,2,3-Trichloropropane	11.807	75	6486	1.421	ug/L #	69

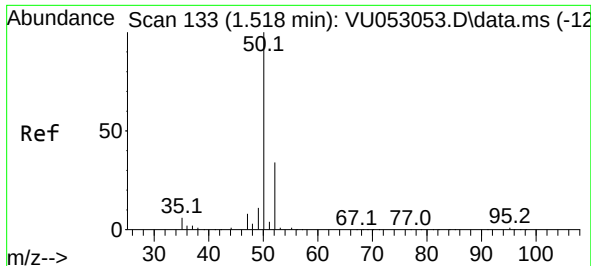
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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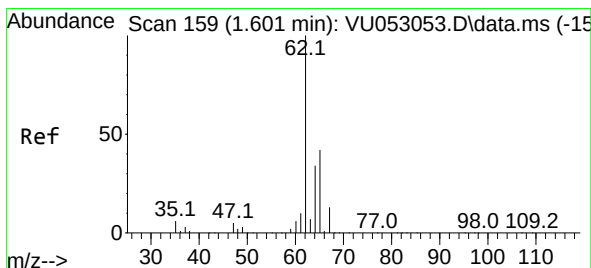
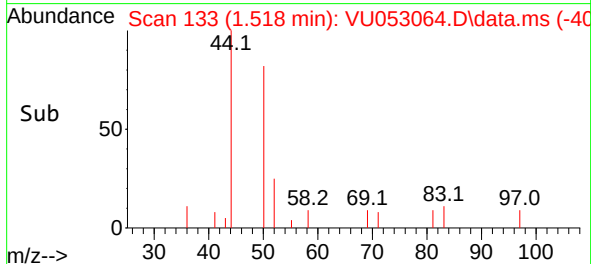
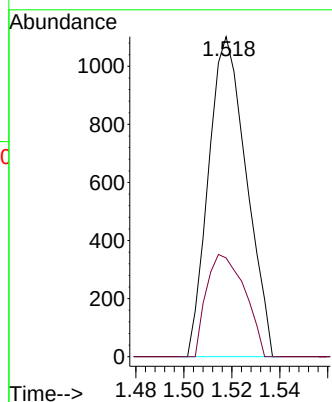
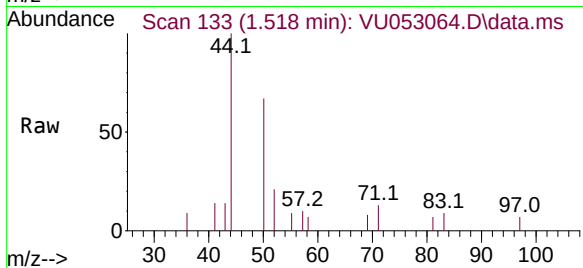




#3
Chloromethane
Concen: 0.133 ug/L
RT: 1.518 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU053064.D
Acq: 11 Feb 2023 21:43

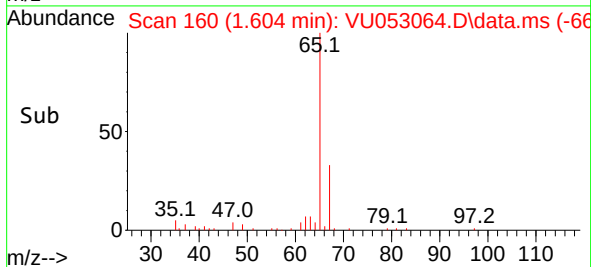
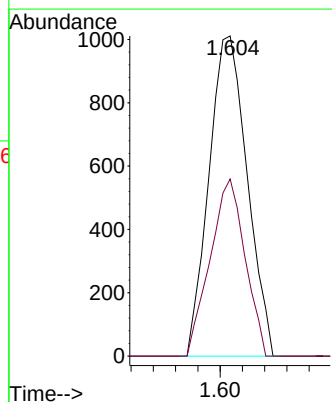
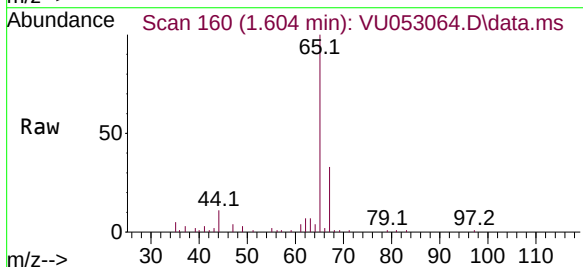
Instrument :
MSVOA_U
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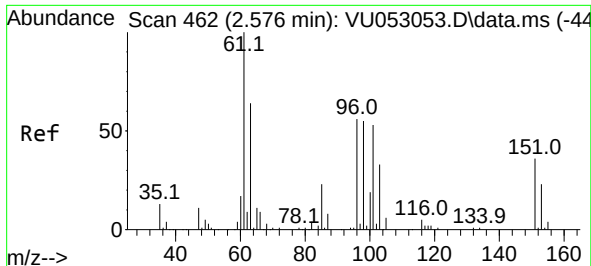
Tgt Ion: 50 Resp: 1206
Ion Ratio Lower Upper
50 100
52 30.9 24.1 44.7



#5
Vinyl chloride
Concen: 0.121 ug/L
RT: 1.604 min Scan# 160
Delta R.T. 0.003 min
Lab File: VU053064.D
Acq: 11 Feb 2023 21:43

Tgt Ion: 62 Resp: 1204
Ion Ratio Lower Upper
62 100
64 55.3 22.5 41.9#





#12

1,1-Dichloroethene

Concen: 0.626 ug/L

RT: 2.579 min Scan# 4

Delta R.T. 0.003 min

Lab File: VU053064.D

Acq: 11 Feb 2023 21:43

Instrument :

MSVOA_U

ClientSampleId :

COM79

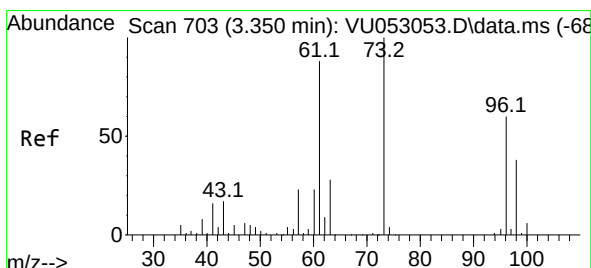
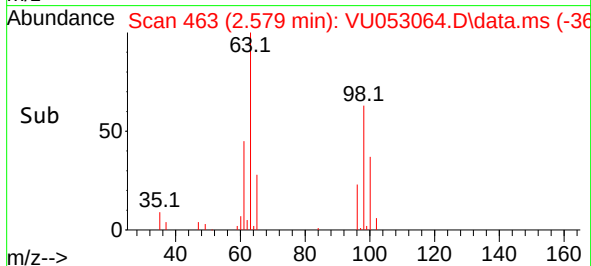
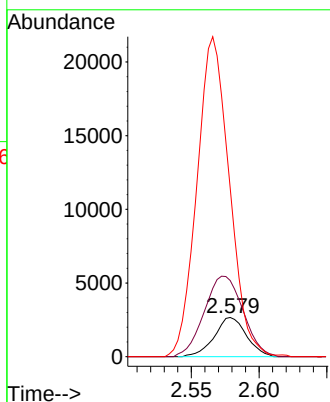
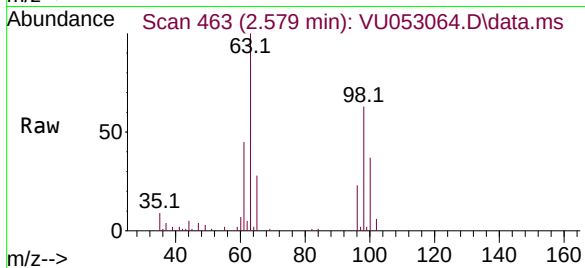
Tgt Ion: 96 Resp: 4388

Ion Ratio Lower Upper

96 100

61 194.2 115.1 213.7

63 430.1 63.6 118.0#



#18

trans-1,2-Dichloroethene

Concen: 0.466 ug/L

RT: 3.350 min Scan# 703

Delta R.T. -0.000 min

Lab File: VU053064.D

Acq: 11 Feb 2023 21:43

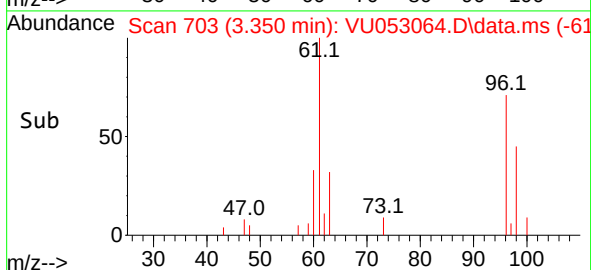
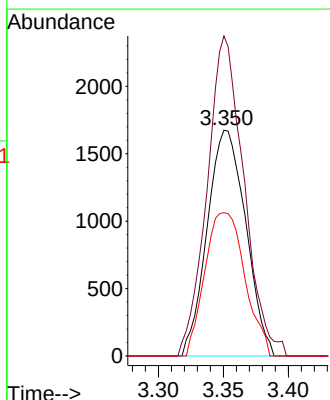
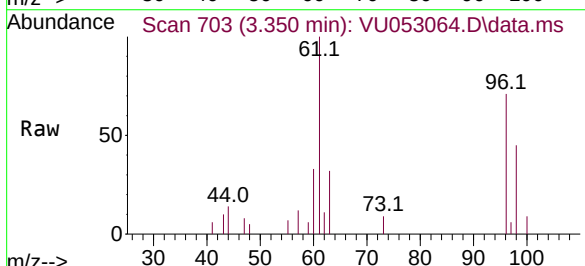
Tgt Ion: 96 Resp: 3457

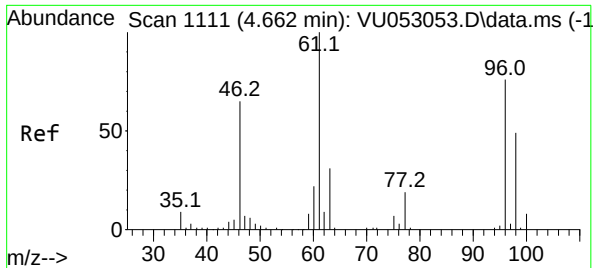
Ion Ratio Lower Upper

96 100

61 141.7 99.5 184.9

98 63.5 44.8 83.2

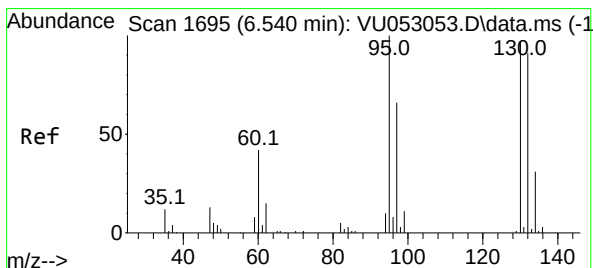
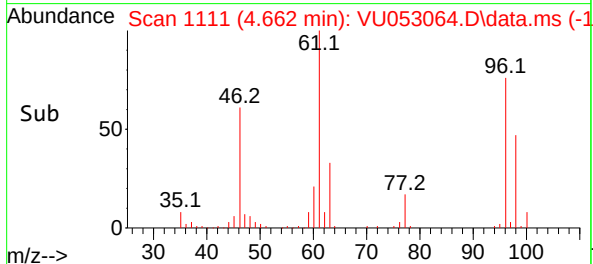
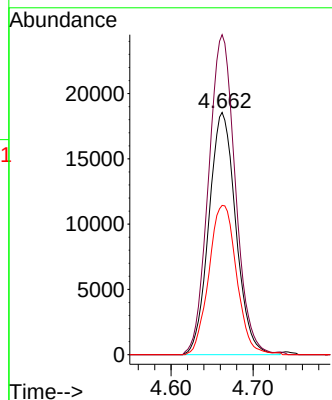
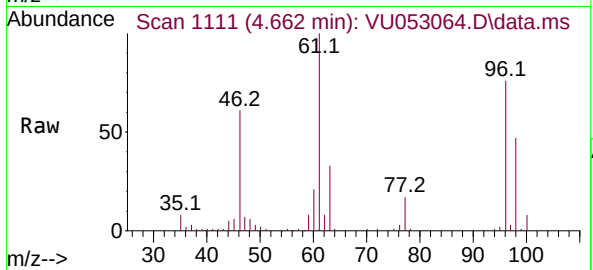




#22
cis-1,2-Dichloroethene
Concen: 5.056 ug/L
RT: 4.662 min Scan# 1111
Delta R.T. -0.000 min
Lab File: VU053064.D
Acq: 11 Feb 2023 21:43

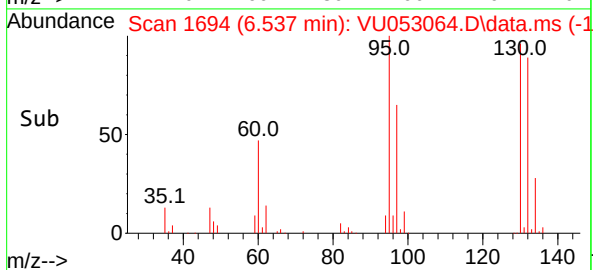
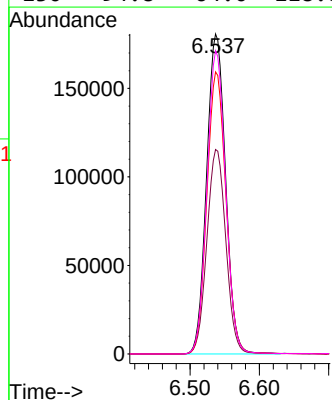
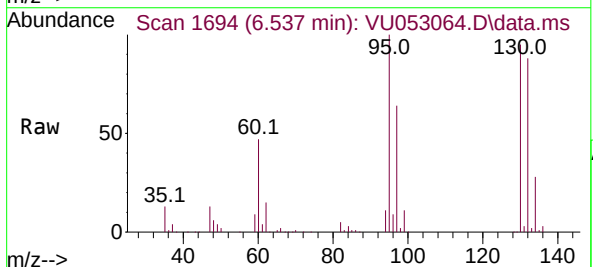
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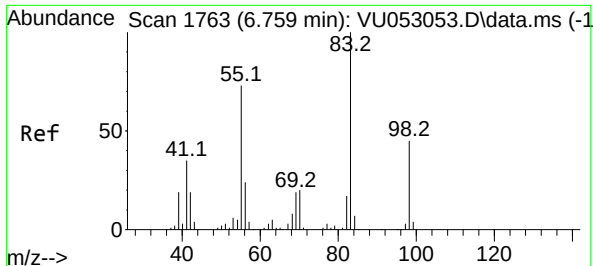
Tgt Ion: 96 Resp: 42297
Ion Ratio Lower Upper
96 100
61 132.1 90.9 168.9
98 61.6 47.0 87.4



#34
Trichloroethene
Concen: 40.679 ug/L
RT: 6.537 min Scan# 1694
Delta R.T. -0.003 min
Lab File: VU053064.D
Acq: 11 Feb 2023 21:43

Tgt Ion: 95 Resp: 343750
Ion Ratio Lower Upper
95 100
97 63.9 44.7 82.9
132 88.1 62.3 115.7
130 94.8 64.0 118.8





#35

Methylcyclohexane

Concen: 0.636 ug/L

RT: 6.688 min Scan# 1741

Delta R.T. -0.071 min

Lab File: VU053064.D

Acq: 11 Feb 2023 21:43

Instrument :

MSVOA_U

ClientSampleId :

COM79

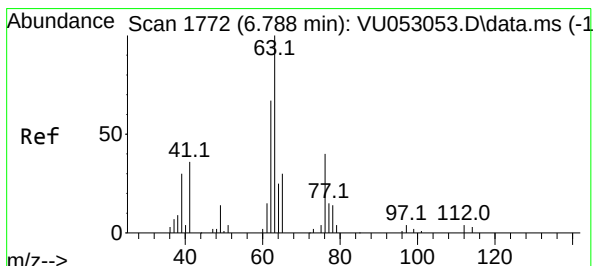
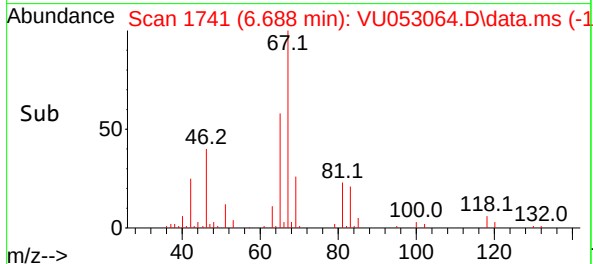
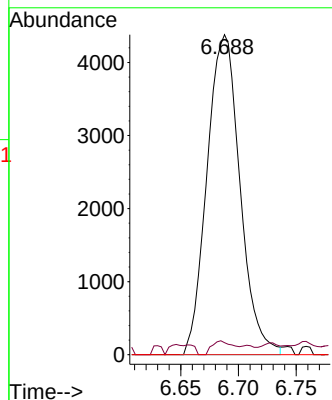
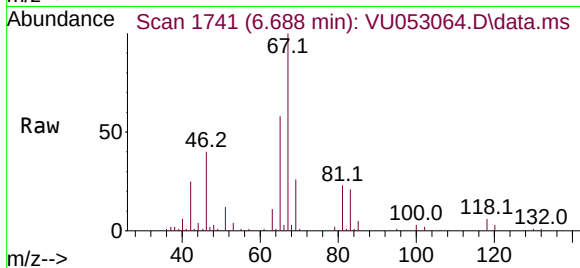
Tgt Ion: 83 Resp: 8704

Ion Ratio Lower Upper

83 100

55 2.8 57.9 86.9#

98 0.0 36.4 54.6#



#37

1,2-Dichloropropane

Concen: 0.503 ug/L

RT: 6.685 min Scan# 1740

Delta R.T. -0.103 min

Lab File: VU053064.D

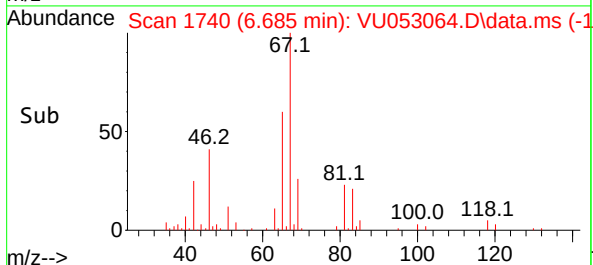
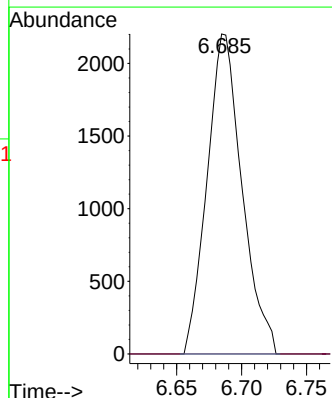
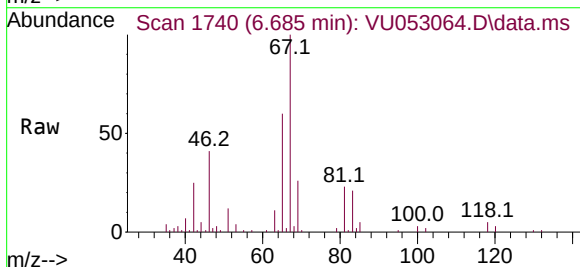
Acq: 11 Feb 2023 21:43

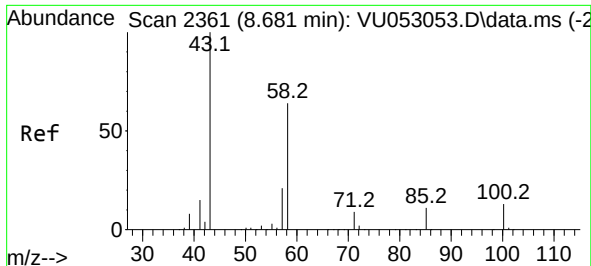
Tgt Ion: 63 Resp: 4116

Ion Ratio Lower Upper

63 100

112 0.0 2.7 4.1#

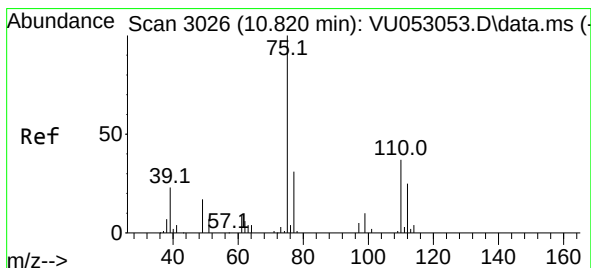
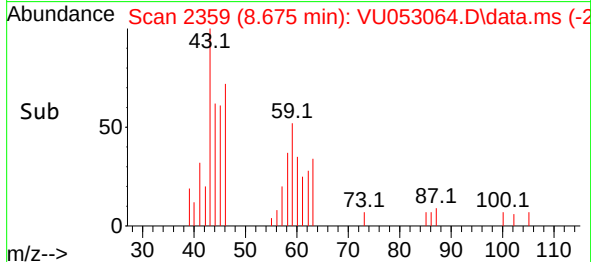
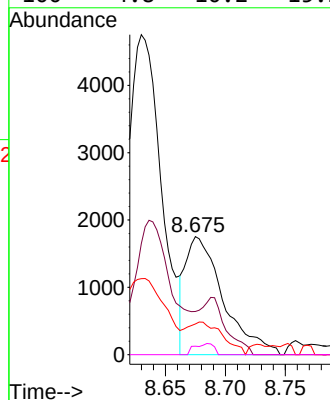
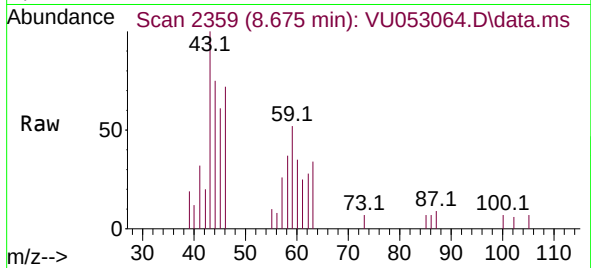




#48
2-Hexanone
Concen: 1.230 ug/L
RT: 8.675 min Scan# 21
Delta R.T. -0.007 min
Lab File: VU053064.D
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Tgt Ion:	43	Resp:	3854
Ion	Ratio	Lower	Upper
43	100		
58	32.8	50.3	75.5#
57	24.7	17.4	26.0
100	4.8	10.2	15.2#



#61
1,2,3-Trichloropropane
Concen: 1.421 ug/L
RT: 11.807 min Scan# 3333
Delta R.T. 0.987 min
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Tgt Ion:	75	Resp:	6486
Ion	Ratio	Lower	Upper
75	100		
110	1.0	28.6	42.8#
77	35.1	27.6	41.4

