

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021123\
 Data File : VU053063.D
 Acq On : 11 Feb 2023 21:19
 Operator : JC/MD
 Sample : 01533-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COM78

Quant Time: Feb 12 22:52:12 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)

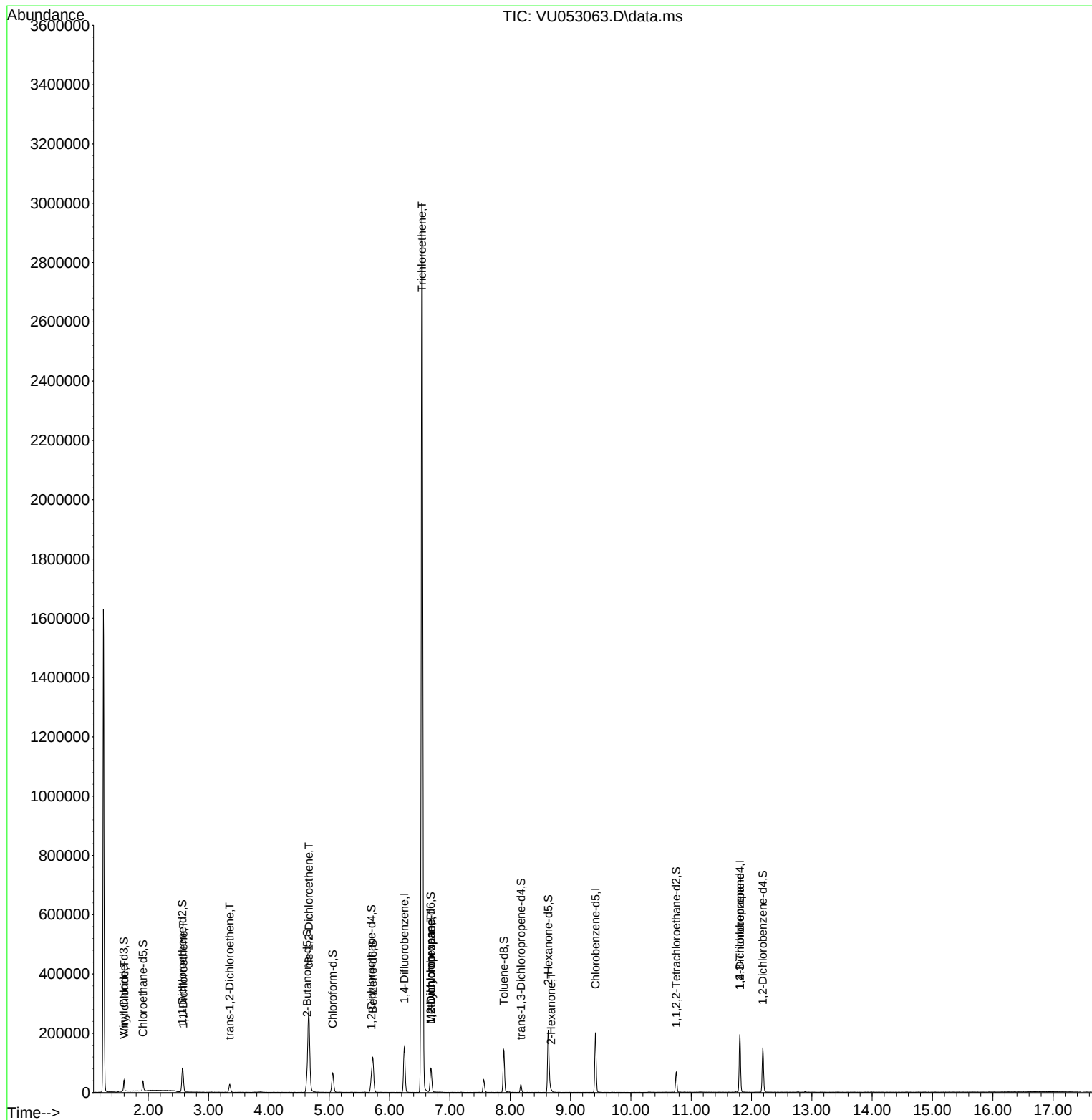
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	122889	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	106630	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	48638	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	23743	4.033	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.600%
7) Chloroethane-d5	1.913	69	24102	4.355	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.200%
11) 1,1-Dichloroethene-d2	2.566	65	11019	4.081	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.600%
20) 2-Butanone-d5	4.637	46	93022	51.592	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.180%
24) Chloroform-d	5.058	84	59739	4.410	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
26) 1,2-Dichloroethane-d4	5.698	65	31922	4.676	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
32) Benzene-d6	5.724	84	112883	4.711	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
36) 1,2-Dichloropropane-d6	6.685	67	40030	4.797	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.000%
41) Toluene-d8	7.894	98	97683	4.513	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.200%
43) trans-1,3-Dichloroprop...	8.177	79	15956	4.723	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.400%
46) 2-Hexanone-d5	8.630	63	77436	51.626	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.260%
56) 1,1,2,2-Tetrachloroeth...	10.752	84	34071	4.754	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.000%
66) 1,2-Dichlorobenzene-d4	12.186	152	37476	5.158	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.200%
Target Compounds						
5) Vinyl chloride	1.605	62	2122	0.205	ug/L #	82
12) 1,1-Dichloroethene	2.579	96	12478	1.716	ug/L #	62
18) trans-1,2-Dichloroethene	3.351	96	11374	1.479	ug/L	99
22) cis-1,2-Dichloroethene	4.663	96	125759	14.485	ug/L	98
34) Trichloroethene	6.537	95	1022444	118.259	ug/L	98
35) Methylcyclohexane	6.685	83	8920	0.637	ug/L #	22
37) 1,2-Dichloropropane	6.688	63	4144	0.495	ug/L #	90
48) 2-Hexanone	8.678	43	2891	0.902	ug/L #	89
61) 1,2,3-Trichloropropane	11.807	75	6689	1.432	ug/L #	70

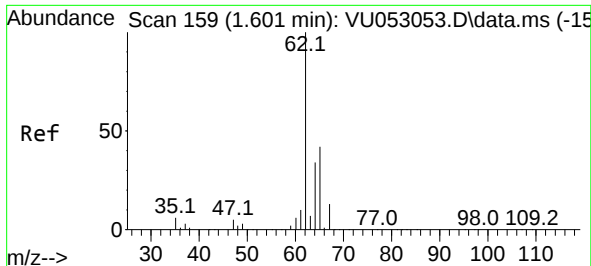
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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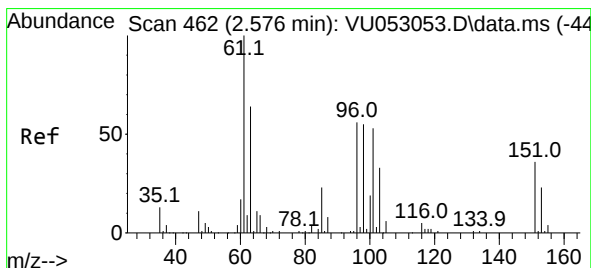
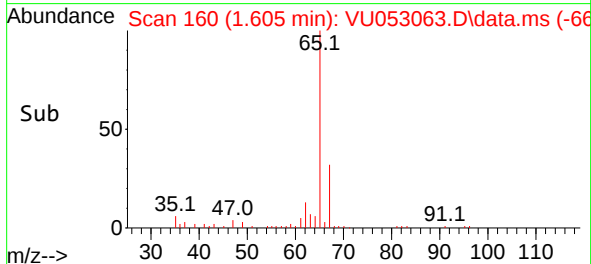
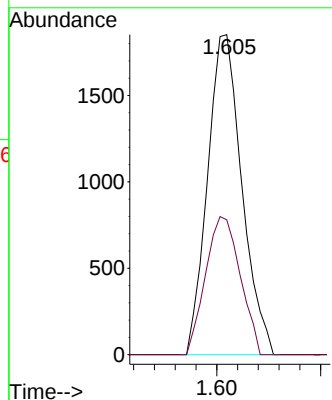
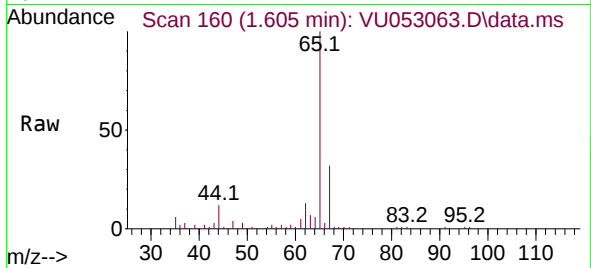




#5
 Vinyl chloride
 Concen: 0.205 ug/L
 RT: 1.605 min Scan# 1
 Delta R.T. 0.003 min
 Lab File: VU053063.D
 Acq: 11 Feb 2023 21:19

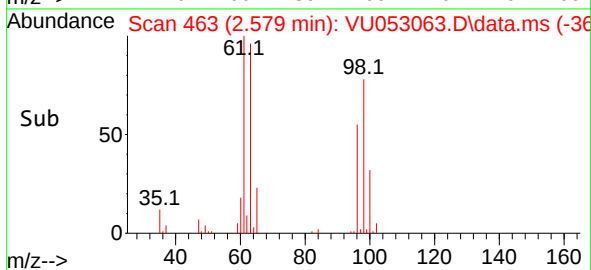
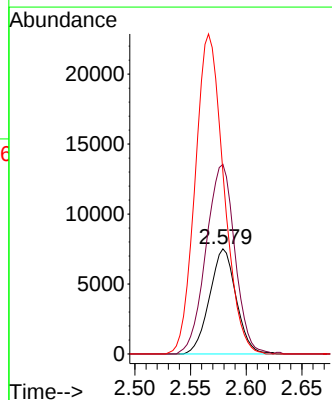
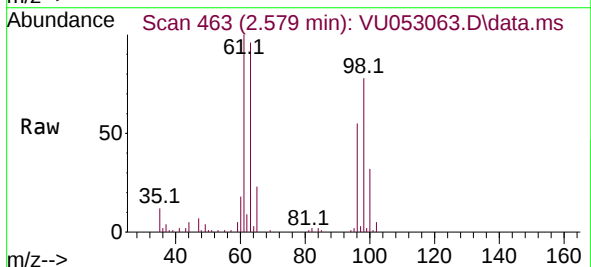
Instrument :
 MSVOA_U
 ClientSampleId :
 COM78

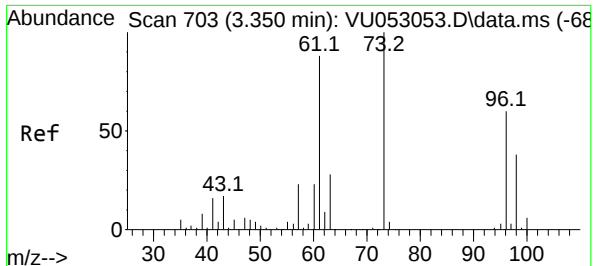
Tgt Ion: 62 Resp: 2122
 Ion Ratio Lower Upper
 62 100
 64 42.1 22.5 41.9#



#12
 1,1-Dichloroethene
 Concen: 1.716 ug/L
 RT: 2.579 min Scan# 463
 Delta R.T. 0.003 min
 Lab File: VU053063.D
 Acq: 11 Feb 2023 21:19

Tgt Ion: 96 Resp: 12478
 Ion Ratio Lower Upper
 96 100
 61 180.2 115.1 213.7
 63 172.6 63.6 118.0#

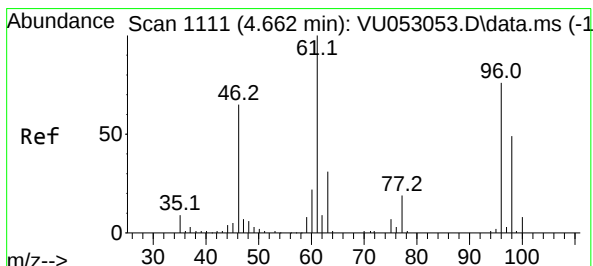
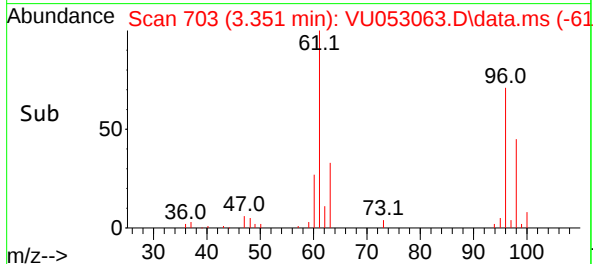
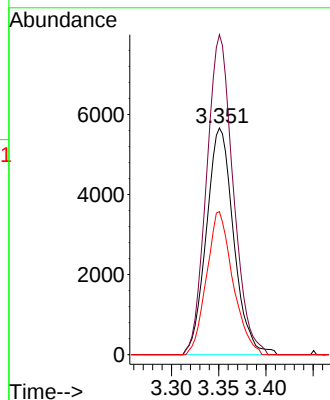
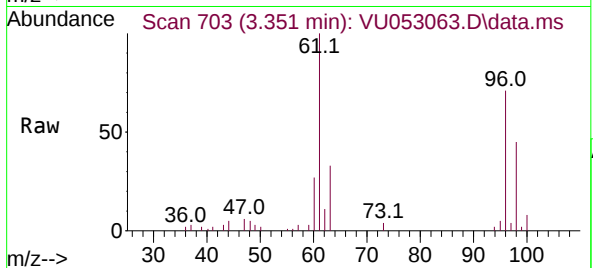




#18
trans-1,2-Dichloroethene
Concen: 1.479 ug/L
RT: 3.351 min Scan# 703
Delta R.T. 0.000 min
Lab File: VU053063.D
Acq: 11 Feb 2023 21:19

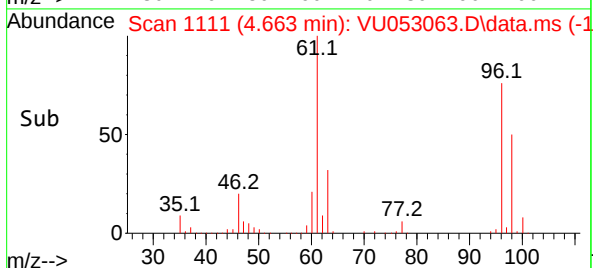
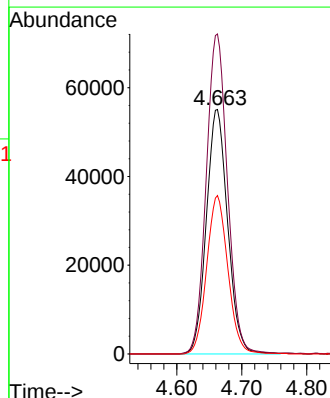
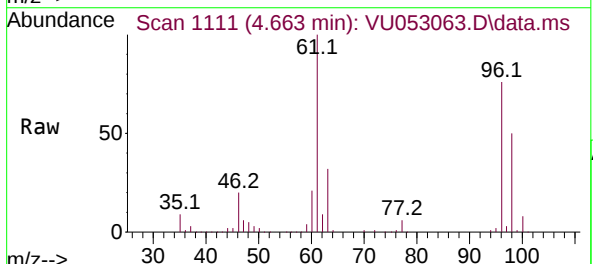
Instrument :
MSVOA_U
ClientSampleId :
COM78

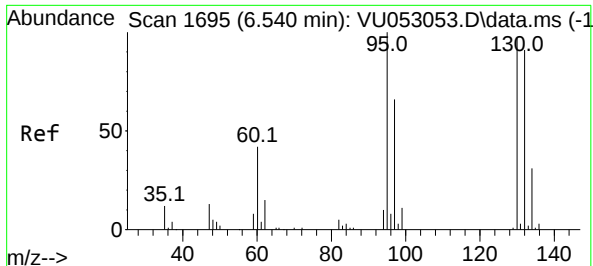
Tgt Ion: 96 Resp: 11374
Ion Ratio Lower Upper
96 100
61 141.2 99.5 184.9
98 63.1 44.8 83.2



#22
cis-1,2-Dichloroethene
Concen: 14.485 ug/L
RT: 4.663 min Scan# 1111
Delta R.T. 0.000 min
Lab File: VU053063.D
Acq: 11 Feb 2023 21:19

Tgt Ion: 96 Resp: 125759
Ion Ratio Lower Upper
96 100
61 130.9 90.9 168.9
98 64.8 47.0 87.4



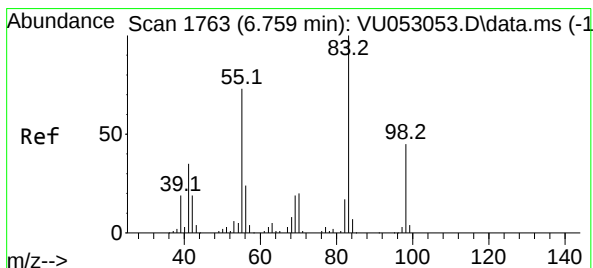
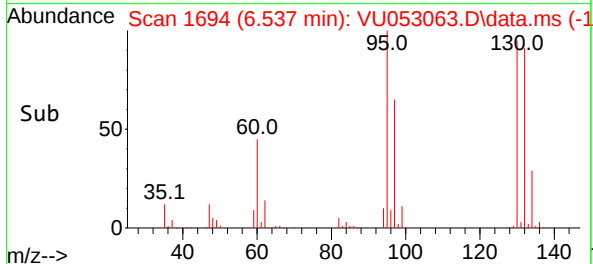
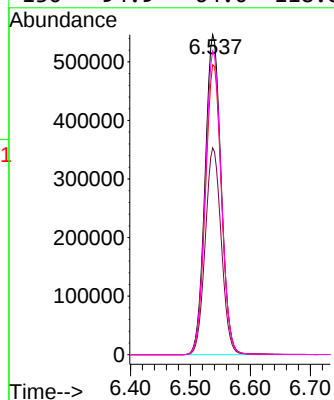
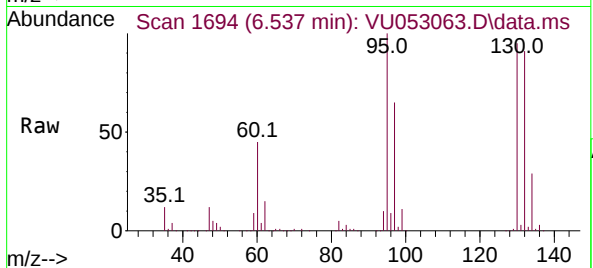


#34
Trichloroethene
Concen: 118.259 ug/L
RT: 6.537 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU053063.D
Acq: 11 Feb 2023 21:19

Instrument :
MSVOA_U
ClientSampleId :
COM78

Tgt Ion: 95 Resp: 1022444

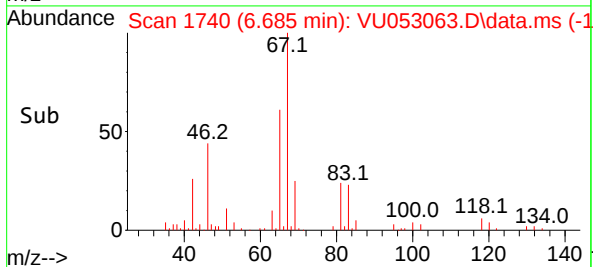
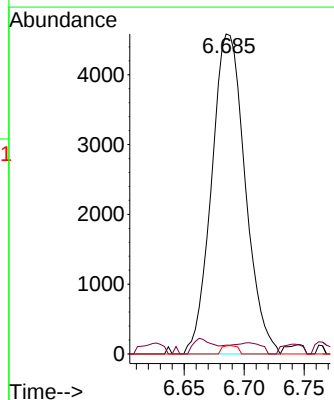
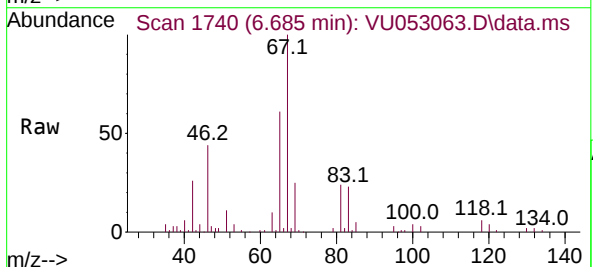
Ion	Ratio	Lower	Upper
95	100		
97	64.6	44.7	82.9
132	90.6	62.3	115.7
130	94.9	64.0	118.8

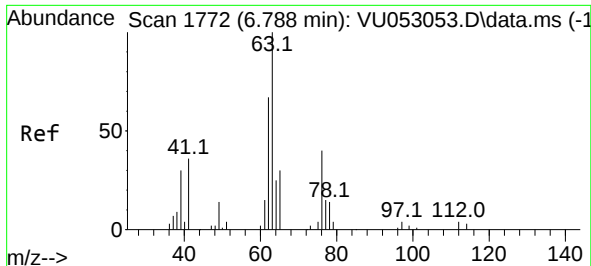


#35
Methylcyclohexane
Concen: 0.637 ug/L
RT: 6.685 min Scan# 1740
Delta R.T. -0.074 min
Lab File: VU053063.D
Acq: 11 Feb 2023 21:19

Tgt Ion: 83 Resp: 8920

Ion	Ratio	Lower	Upper
83	100		
55	3.2	57.9	86.9#
98	0.0	36.4	54.6#





#37

1,2-Dichloropropane

Concen: 0.495 ug/L

RT: 6.688 min Scan# 1

Delta R.T. -0.099 min

Lab File: VU053063.D

Acq: 11 Feb 2023 21:19

Instrument :

MSVOA_U

ClientSampleId :

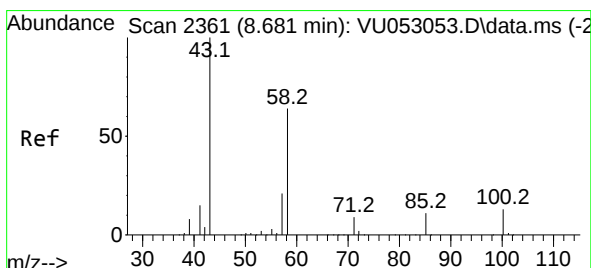
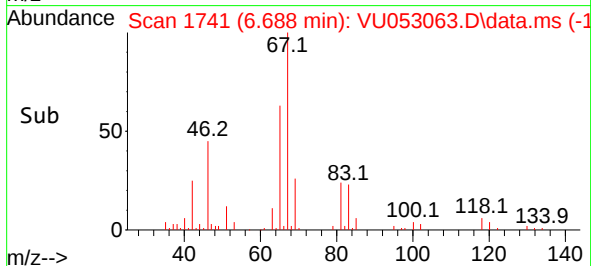
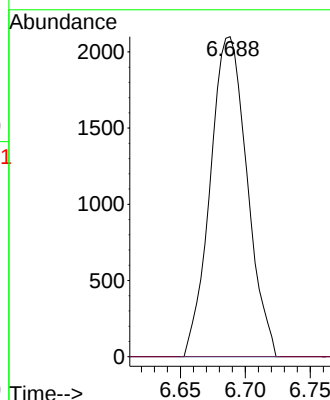
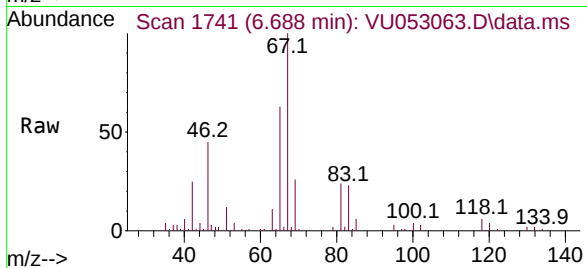
COM78

Tgt Ion: 63 Resp: 4144

Ion Ratio Lower Upper

63 100

112 0.0 2.7 4.1#



#48

2-Hexanone

Concen: 0.902 ug/L

RT: 8.678 min Scan# 2360

Delta R.T. -0.003 min

Lab File: VU053063.D

Acq: 11 Feb 2023 21:19

Tgt Ion: 43 Resp: 2891

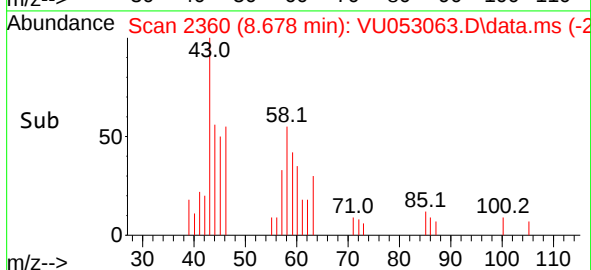
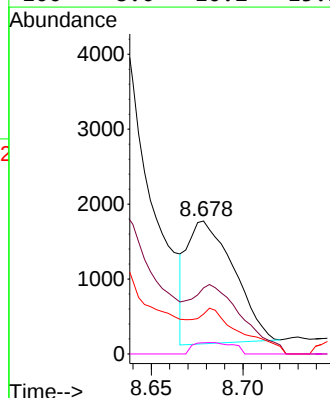
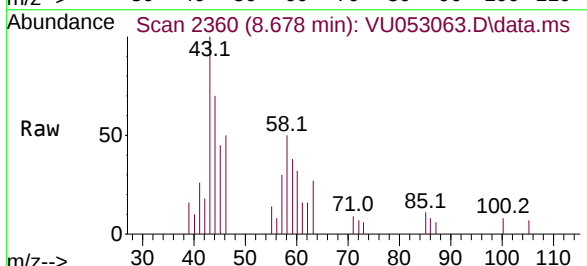
Ion Ratio Lower Upper

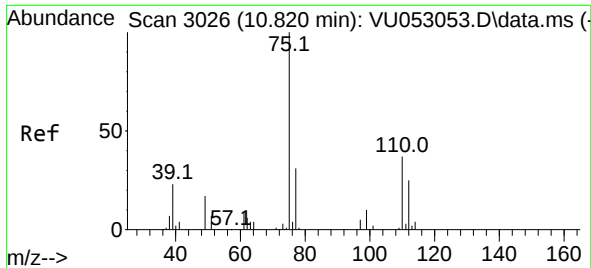
43 100

58 58.8 50.3 75.5

57 33.6 17.4 26.0#

100 8.0 10.2 15.2#





#61
 1,2,3-Trichloropropane
 Concen: 1.432 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU053063.D
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Tgt Ion: 75 Resp: 6689
 Ion Ratio Lower Upper
 75 100
 110 3.8 28.6 42.8#
 77 31.8 27.6 41.4

