

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021123\
 Data File : VU053059.D
 Acq On : 11 Feb 2023 19:42
 Operator : JC/MD
 Sample : 01533-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COM19

Quant Time: Feb 12 22:51:10 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)

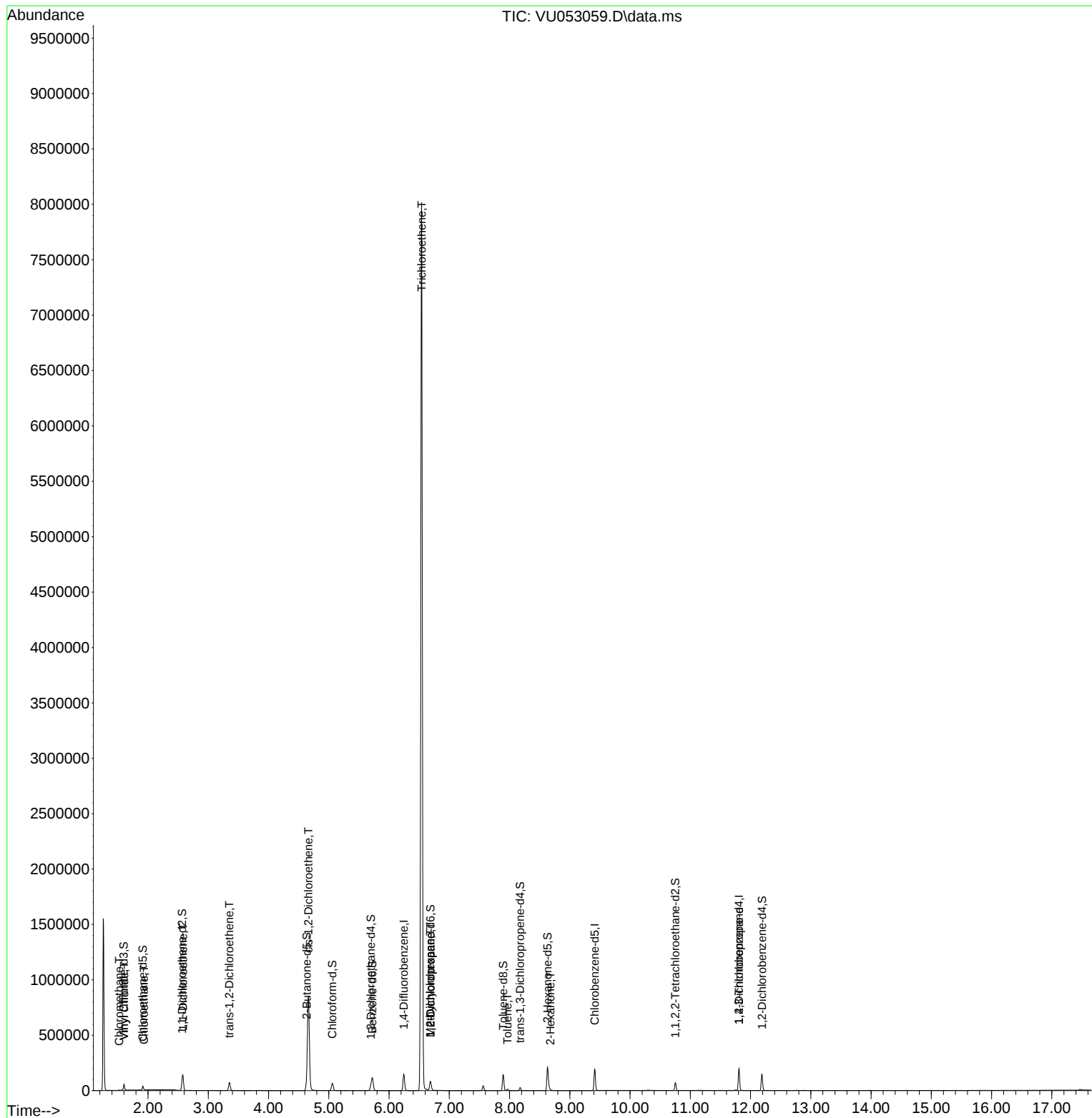
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	119651	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	106426	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	49453	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	23932	4.175	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.600%
7) Chloroethane-d5	1.913	69	24535	4.554	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.000%
11) 1,1-Dichloroethene-d2	2.566	65	10872	4.135	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.800%
20) 2-Butanone-d5	4.636	46	94027	53.561	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.120%
24) Chloroform-d	5.058	84	60366	4.576	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
26) 1,2-Dichloroethane-d4	5.697	65	30773	4.630	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.600%
32) Benzene-d6	5.723	84	112731	4.714	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
36) 1,2-Dichloropropane-d6	6.688	67	39647	4.760	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.200%
41) Toluene-d8	7.894	98	98836	4.575	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.400%
43) trans-1,3-Dichloroprop...	8.173	79	16411	4.867	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.400%
46) 2-Hexanone-d5	8.630	63	77550	51.801	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.600%
56) 1,1,2,2-Tetrachloroeth...	10.752	84	35786	5.003	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.000%
66) 1,2-Dichlorobenzene-d4	12.189	152	36209	4.901	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.521	50	1474	0.161	ug/L	95
5) Vinyl chloride	1.604	62	15020	1.490	ug/L	98
8) Chloroethane	1.932	64	1396	0.235	ug/L	100
12) 1,1-Dichloroethene	2.579	96	35993	5.085	ug/L	92
18) trans-1,2-Dichloroethene	3.350	96	30523	4.075	ug/L	97
22) cis-1,2-Dichloroethene	4.662	96	423102	50.053	ug/L	98
34) Trichloroethene	6.540	95	2642436	306.219	ug/L	97
35) Methylcyclohexane	6.685	83	9210	0.659	ug/L #	21
37) 1,2-Dichloropropane	6.688	63	4042	0.484	ug/L #	90
42) Toluene	7.967	91	10463	0.314	ug/L	96
48) 2-Hexanone	8.678	43	3705	1.158	ug/L #	85
61) 1,2,3-Trichloropropane	11.807	75	6635	1.397	ug/L #	67

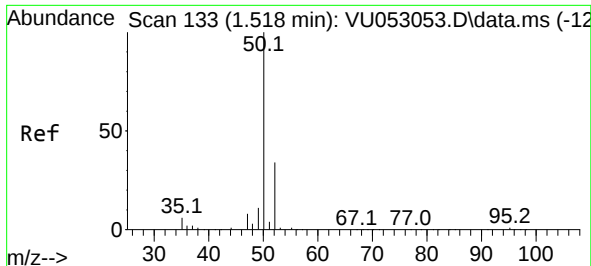
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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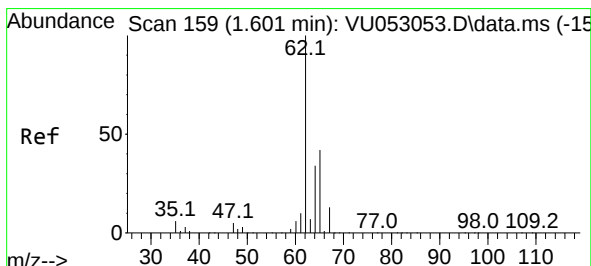
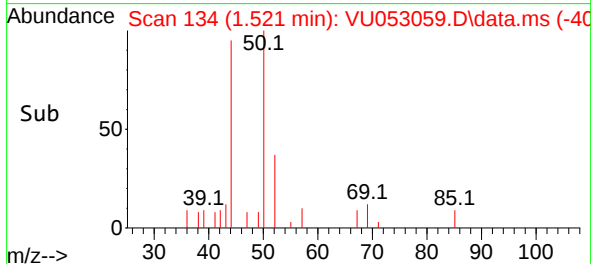
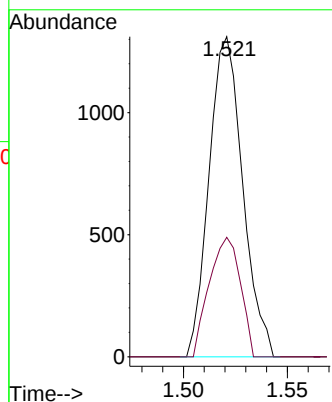
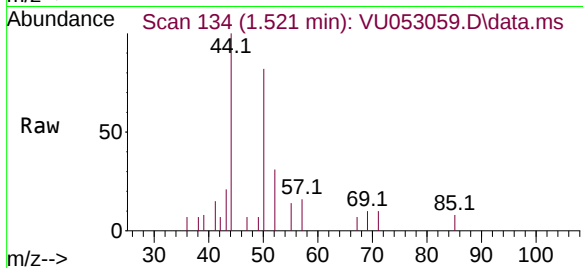




#3
Chloromethane
Concen: 0.161 ug/L
RT: 1.521 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU053059.D
Acq: 11 Feb 2023 19:42

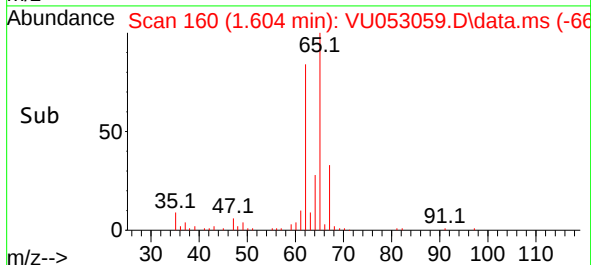
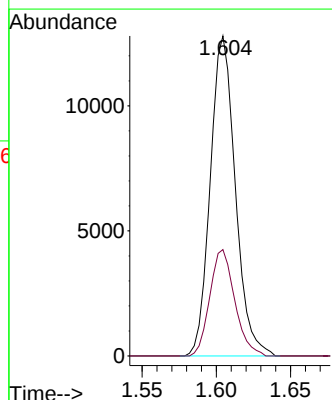
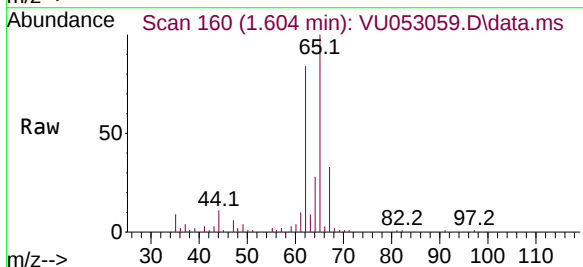
Instrument :
MSVOA_U
ClientSampleId :
COM19

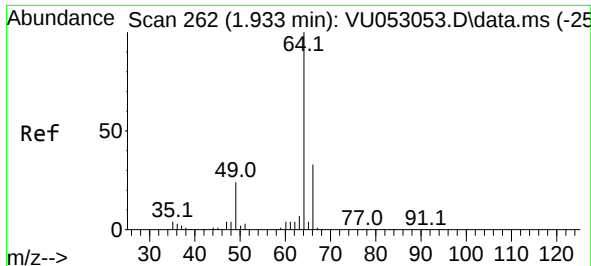
Tgt Ion: 50 Resp: 1474
Ion Ratio Lower Upper
50 100
52 37.3 24.1 44.7



#5
Vinyl chloride
Concen: 1.490 ug/L
RT: 1.604 min Scan# 160
Delta R.T. 0.003 min
Lab File: VU053059.D
Acq: 11 Feb 2023 19:42

Tgt Ion: 62 Resp: 15020
Ion Ratio Lower Upper
62 100
64 33.3 22.5 41.9

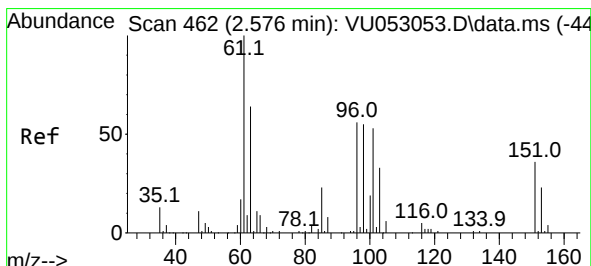
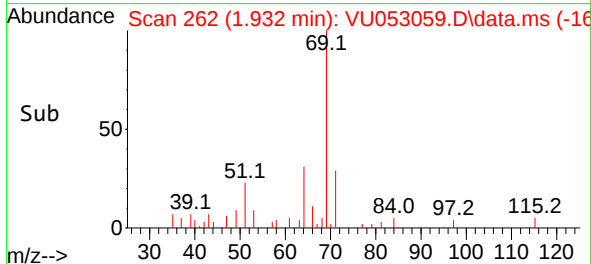
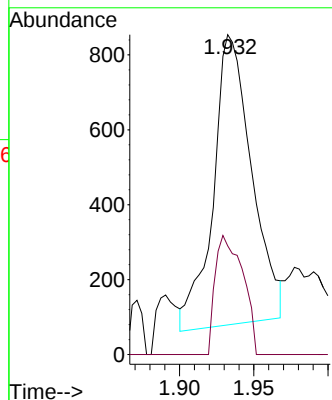
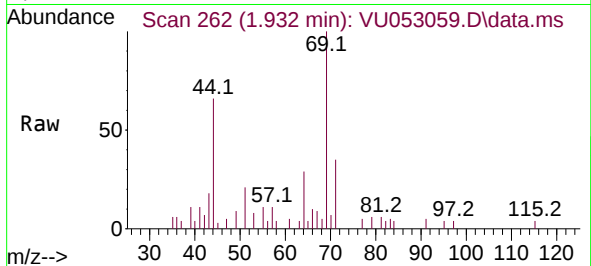




#8
Chloroethane
Concen: 0.235 ug/L
RT: 1.932 min Scan# 2
Delta R.T. -0.000 min
Lab File: VU053059.D
Acq: 11 Feb 2023 19:42

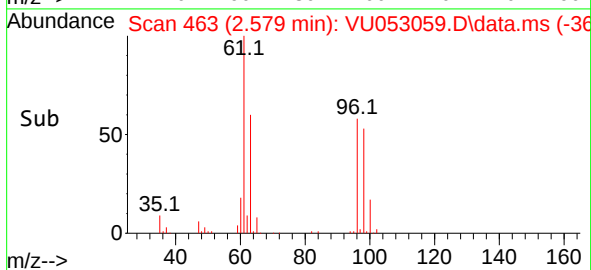
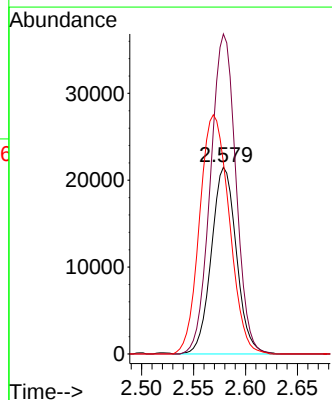
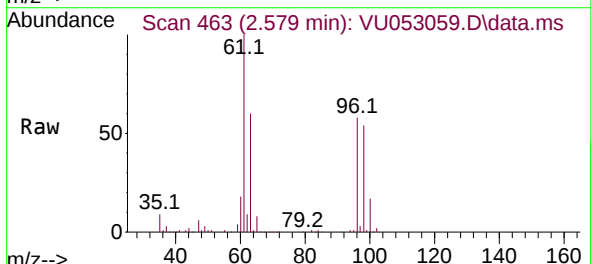
Instrument :
MSVOA_U
ClientSampleId :
COM19

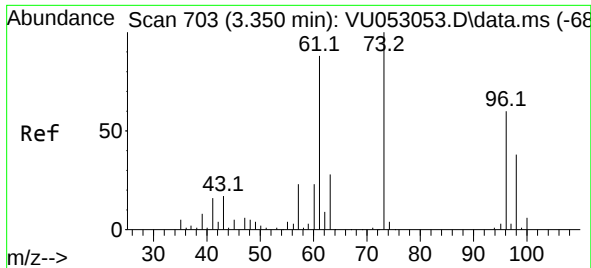
Tgt Ion: 64 Resp: 1396
Ion Ratio Lower Upper
64 100
66 34.0 23.9 44.3



#12
1,1-Dichloroethene
Concen: 5.085 ug/L
RT: 2.579 min Scan# 463
Delta R.T. 0.003 min
Lab File: VU053059.D
Acq: 11 Feb 2023 19:42

Tgt Ion: 96 Resp: 35993
Ion Ratio Lower Upper
96 100
61 171.3 115.1 213.7
63 102.5 63.6 118.0

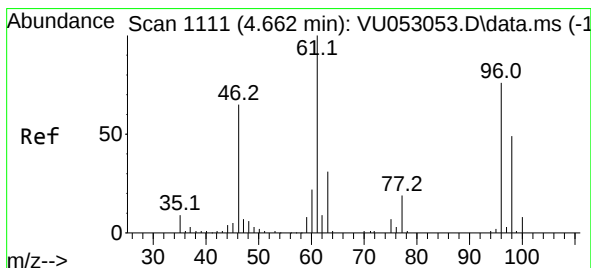
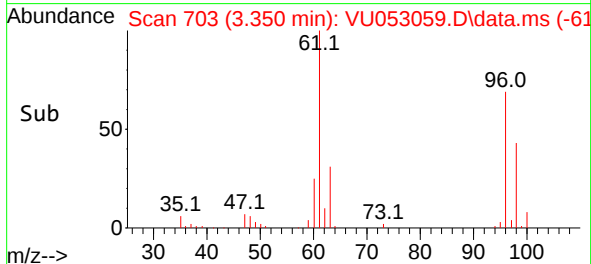
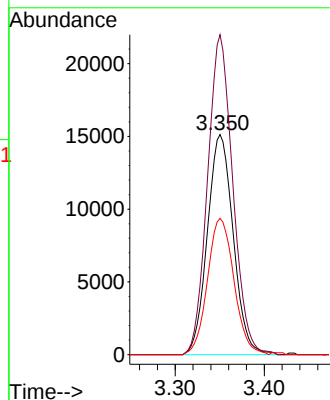
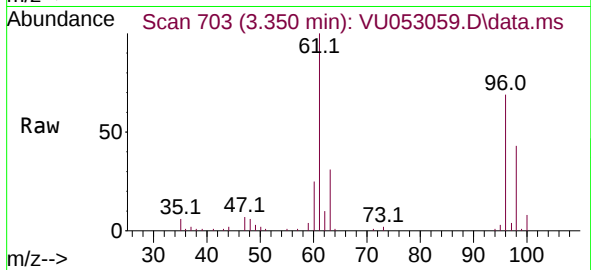




#18
trans-1,2-Dichloroethene
Concen: 4.075 ug/L
RT: 3.350 min Scan# 703
Delta R.T. -0.000 min
Lab File: VU053059.D
Acq: 11 Feb 2023 19:42

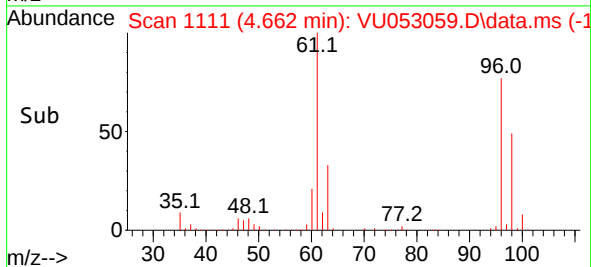
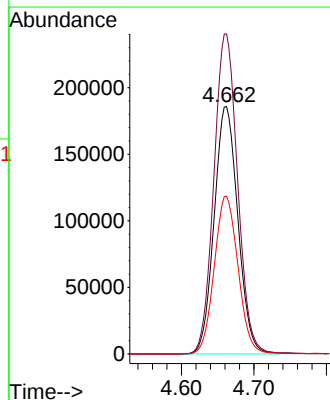
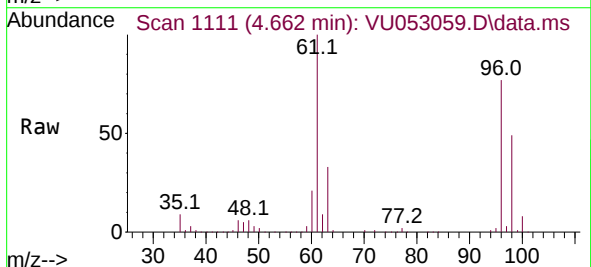
Instrument :
MSVOA_U
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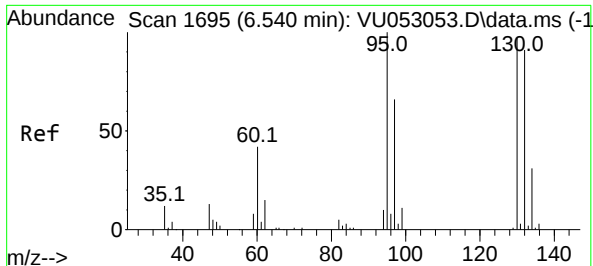
Tgt Ion: 96 Resp: 30523
Ion Ratio Lower Upper
96 100
61 145.3 99.5 184.9
98 61.9 44.8 83.2



#22
cis-1,2-Dichloroethene
Concen: 50.053 ug/L
RT: 4.662 min Scan# 1111
Delta R.T. -0.000 min
Lab File: VU053059.D
Acq: 11 Feb 2023 19:42

Tgt Ion: 96 Resp: 423102
Ion Ratio Lower Upper
96 100
61 129.4 90.9 168.9
98 63.8 47.0 87.4

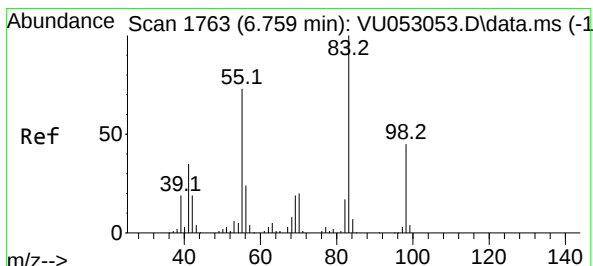
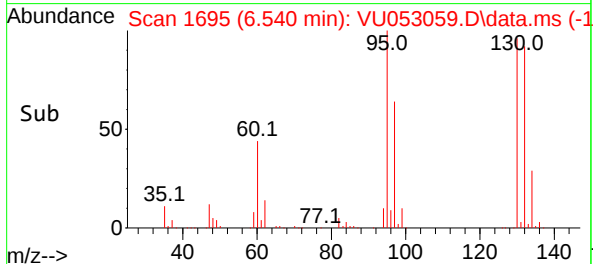
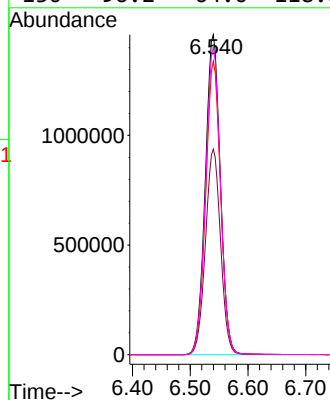
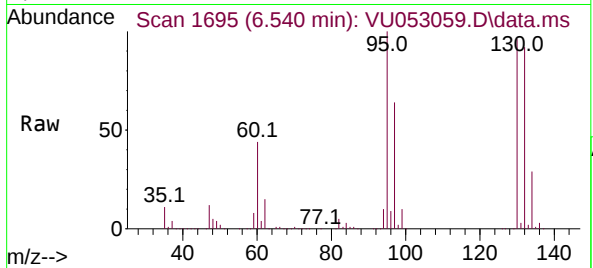




#34
Trichloroethene
Concen: 306.219 ug/L
RT: 6.540 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU053059.D
Acq: 11 Feb 2023 19:42

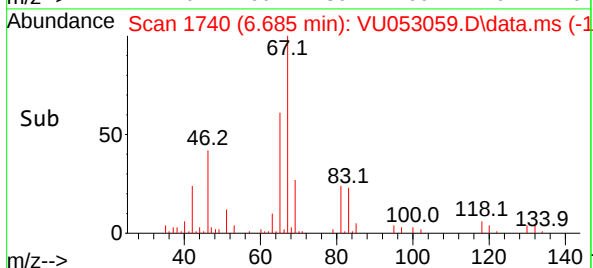
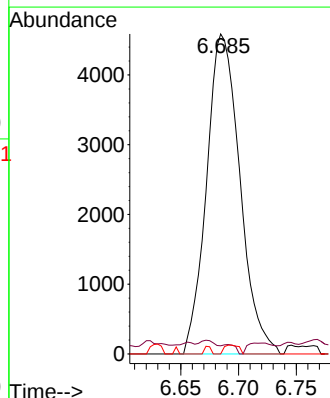
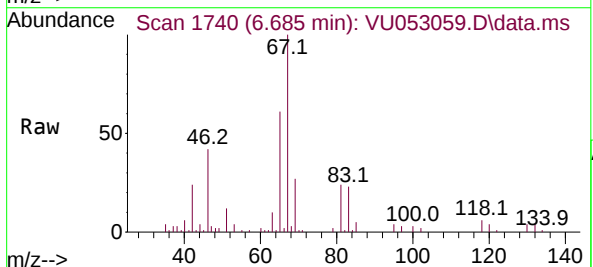
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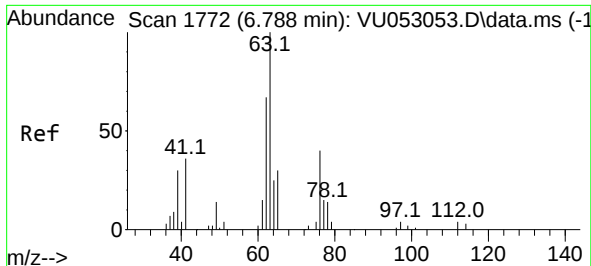
Tgt Ion: 95 Resp: 2642436
Ion Ratio Lower Upper
95 100
97 64.3 44.7 82.9
132 91.7 62.3 115.7
130 96.2 64.0 118.8



#35
Methylcyclohexane
Concen: 0.659 ug/L
RT: 6.685 min Scan# 1740
Delta R.T. -0.074 min
Lab File: VU053059.D
Acq: 11 Feb 2023 19:42

Tgt Ion: 83 Resp: 9210
Ion Ratio Lower Upper
83 100
55 1.1 57.9 86.9#
98 0.0 36.4 54.6#





#37

1,2-Dichloropropane

Concen: 0.484 ug/L

RT: 6.688 min Scan# 11

Delta R.T. -0.100 min

Lab File: VU053059.D

Acq: 11 Feb 2023 19:42

Instrument :

MSVOA_U

ClientSampleId :

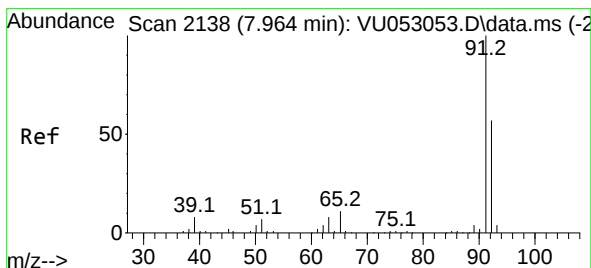
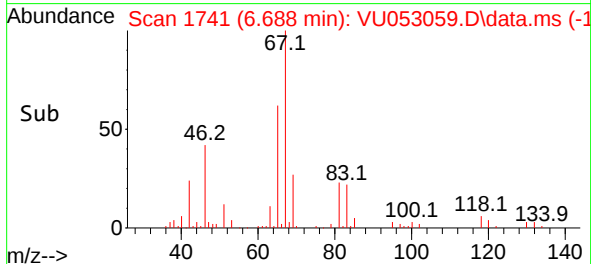
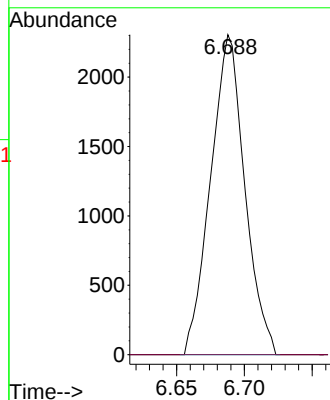
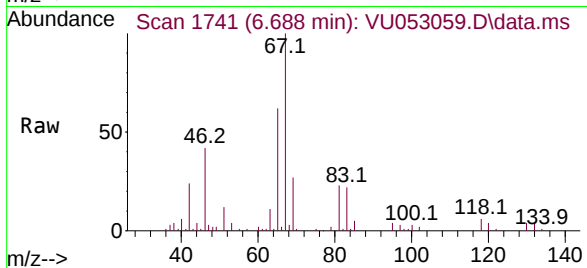
COM19

Tgt Ion: 63 Resp: 4042

Ion Ratio Lower Upper

63 100

112 0.0 2.7 4.1#



#42

Toluene

Concen: 0.314 ug/L

RT: 7.967 min Scan# 2139

Delta R.T. 0.003 min

Lab File: VU053059.D

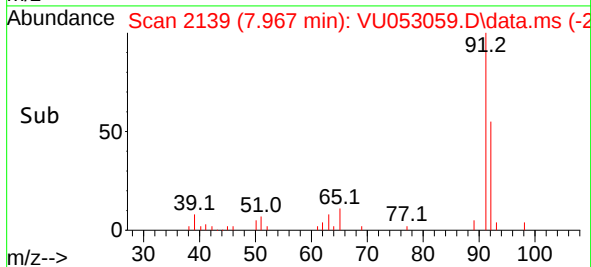
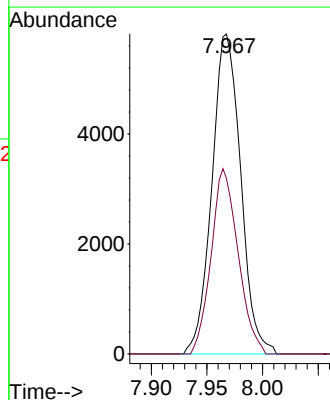
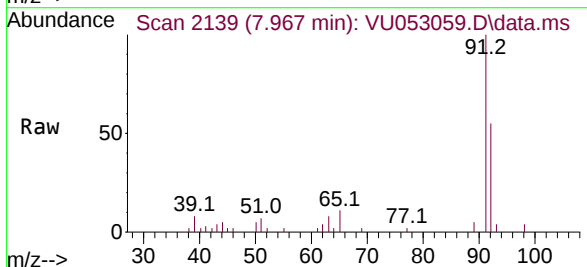
Acq: 11 Feb 2023 19:42

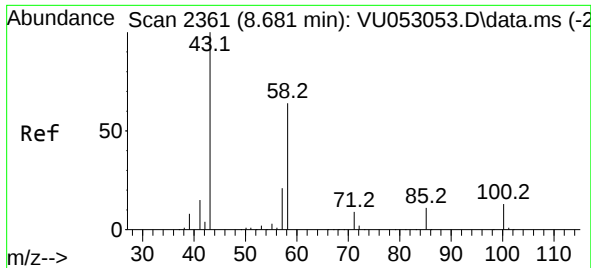
Tgt Ion: 91 Resp: 10463

Ion Ratio Lower Upper

91 100

92 54.9 40.5 75.3

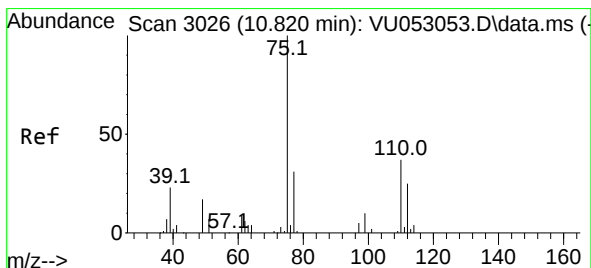
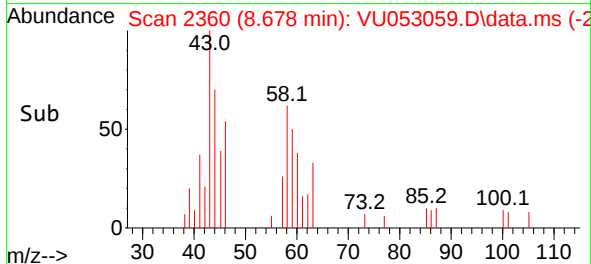
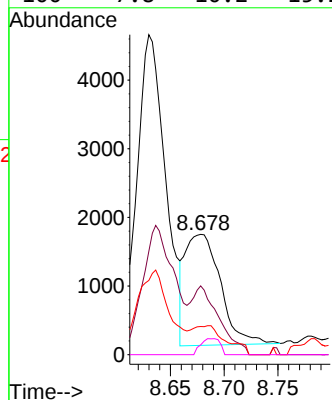
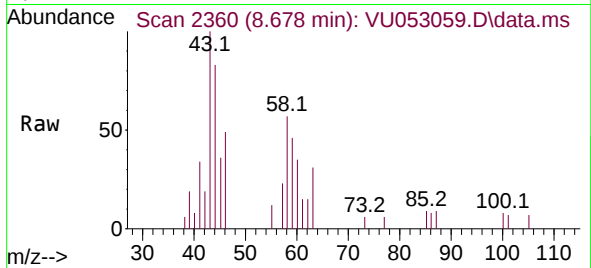




#48
2-Hexanone
Concen: 1.158 ug/L
RT: 8.678 min Scan# 21
Delta R.T. -0.003 min
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Tgt Ion: 43 Resp: 3705
Ion Ratio Lower Upper
43 100
58 48.1 50.3 75.5#
57 23.3 17.4 26.0
100 7.8 10.2 15.2#



#61
1,2,3-Trichloropropane
Concen: 1.397 ug/L
RT: 11.807 min Scan# 3333
Delta R.T. 0.987 min
Lab File: VU053059.D
Acq: 11 Feb 2023 19:42

Tgt Ion: 75 Resp: 6635
Ion Ratio Lower Upper
75 100
110 1.5 28.6 42.8#
77 38.1 27.6 41.4

