

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021123\
 Data File : VU053062.D
 Acq On : 11 Feb 2023 20:55
 Operator : JC/MD
 Sample : 01533-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COM77

Quant Time: Feb 12 22:51:57 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)

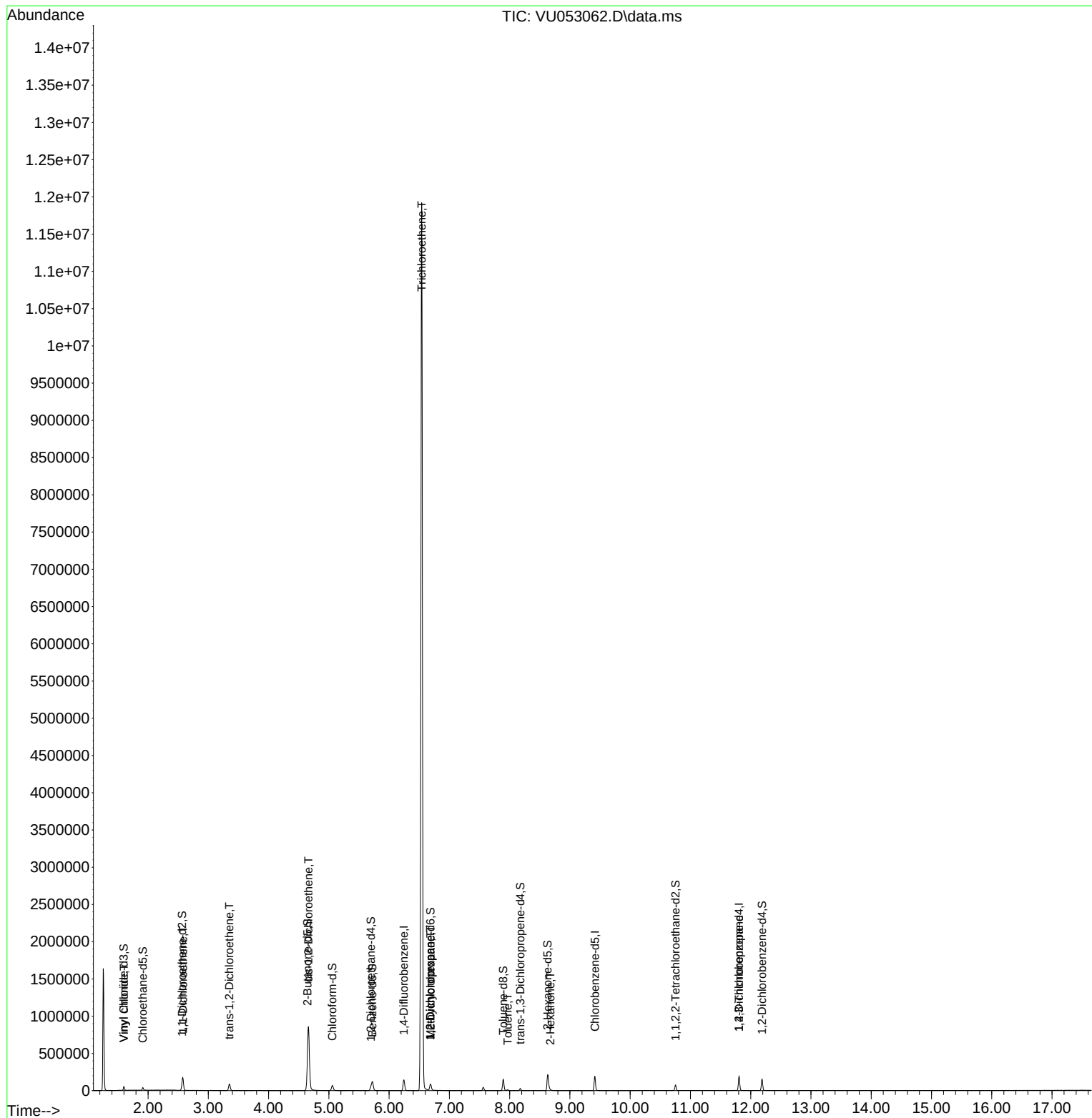
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	118860	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	106331	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	49359	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	24720	4.341	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.800%
7) Chloroethane-d5	1.913	69	25720	4.805	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.200%
11) 1,1-Dichloroethene-d2	2.566	65	12385	4.742	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.800%
20) 2-Butanone-d5	4.646	46	98141	56.276	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.560%
24) Chloroform-d	5.058	84	62112	4.740	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
26) 1,2-Dichloroethane-d4	5.698	65	32720	4.956	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%
32) Benzene-d6	5.723	84	118383	4.955	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
36) 1,2-Dichloropropane-d6	6.688	67	40683	4.889	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.800%
41) Toluene-d8	7.894	98	102481	4.748	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
43) trans-1,3-Dichloroprop...	8.177	79	16133	4.788	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.800%
46) 2-Hexanone-d5	8.630	63	82907	55.428	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.860%
56) 1,1,2,2-Tetrachloroeth...	10.752	84	36690	5.134	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.600%
66) 1,2-Dichlorobenzene-d4	12.189	152	39120	5.305	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.200%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.601	62	12340	1.232	ug/L	98
12) 1,1-Dichloroethene	2.579	96	46607	6.628	ug/L	97
18) trans-1,2-Dichloroethene	3.350	96	37694	5.066	ug/L	95
22) cis-1,2-Dichloroethene	4.662	96	430736	51.295	ug/L	98
34) Trichloroethene	6.540	95	3947915	457.913	ug/L	96
35) Methylcyclohexane	6.688	83	9294	0.666	ug/L #	23
37) 1,2-Dichloropropane	6.685	63	4430	0.531	ug/L #	90
42) Toluene	7.968	91	9351	0.281	ug/L	100
48) 2-Hexanone	8.675	43	3918	1.226	ug/L #	44
61) 1,2,3-Trichloropropane	11.807	75	6683	1.410	ug/L #	70

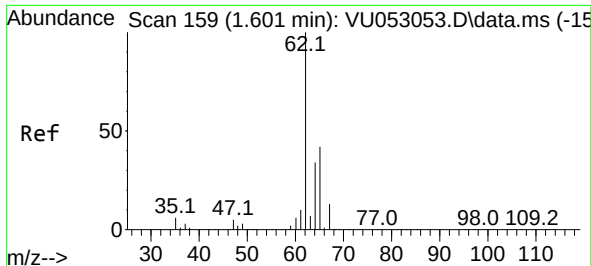
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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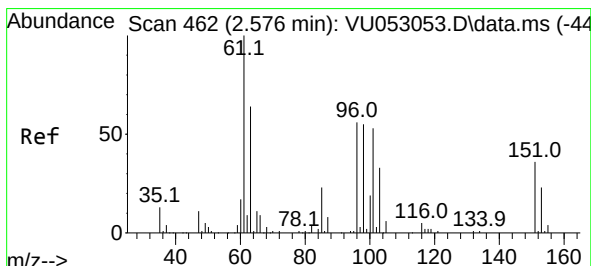
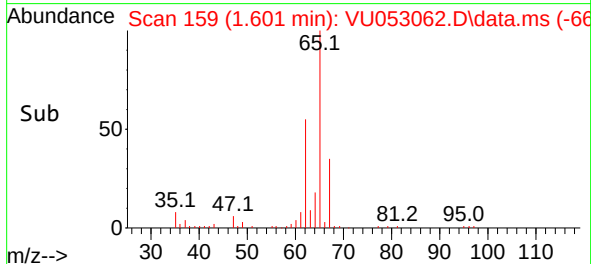
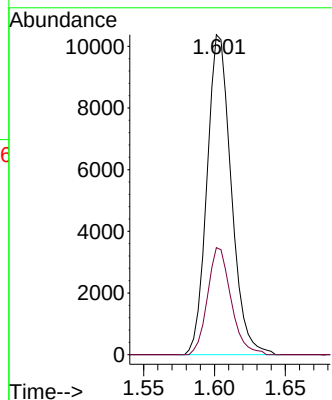
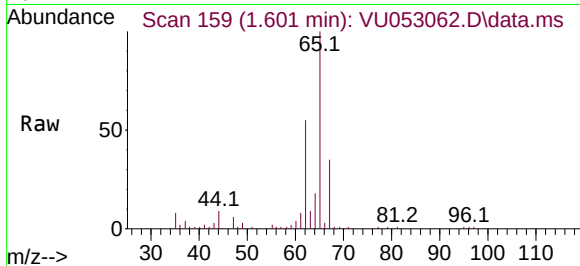




#5
 Vinyl chloride
 Concen: 1.232 ug/L
 RT: 1.601 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VU053062.D
 Acq: 11 Feb 2023 20:55

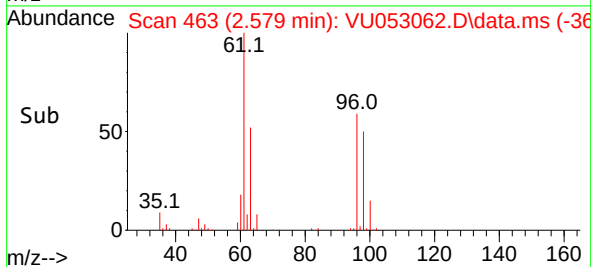
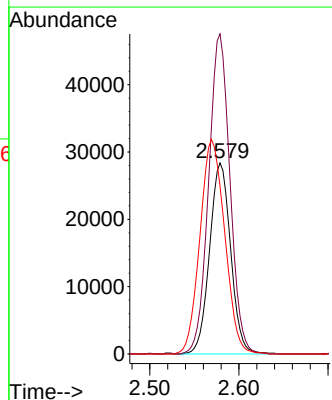
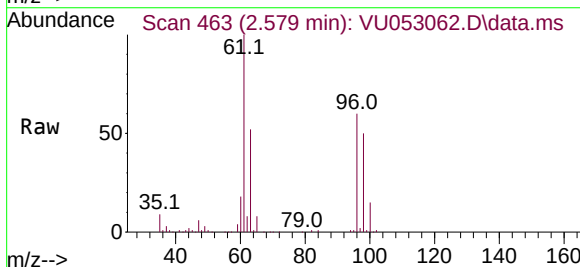
Instrument :
 MSVOA_U
 ClientSampleId :
 COM77

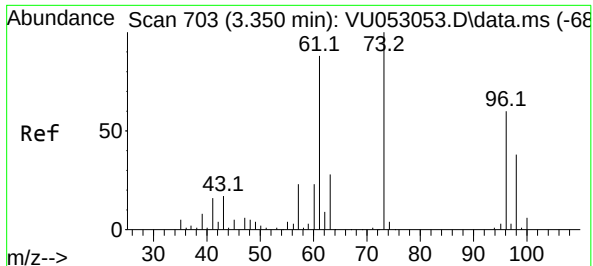
Tgt Ion: 62 Resp: 12340
 Ion Ratio Lower Upper
 62 100
 64 33.5 22.5 41.9



#12
 1,1-Dichloroethene
 Concen: 6.628 ug/L
 RT: 2.579 min Scan# 463
 Delta R.T. 0.003 min
 Lab File: VU053062.D
 Acq: 11 Feb 2023 20:55

Tgt Ion: 96 Resp: 46607
 Ion Ratio Lower Upper
 96 100
 61 167.5 115.1 213.7
 63 87.9 63.6 118.0

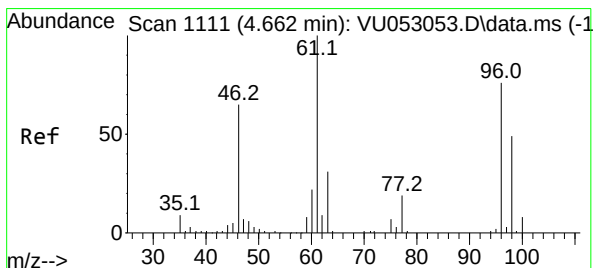
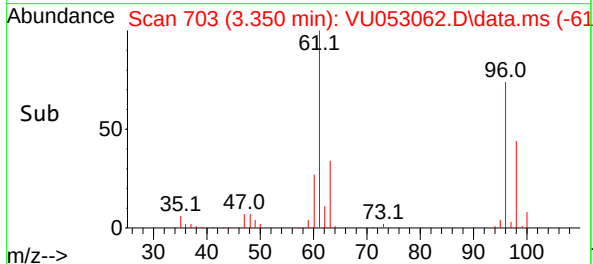
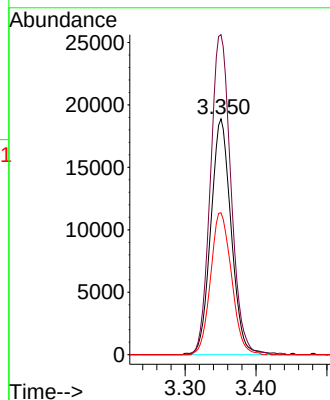
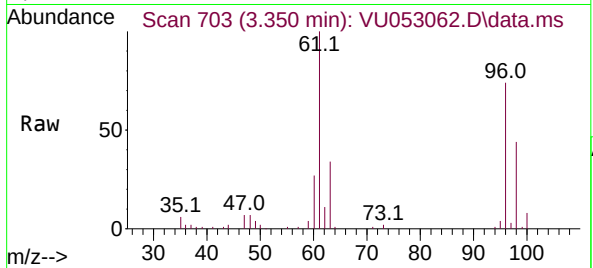




#18
trans-1,2-Dichloroethene
Concen: 5.066 ug/L
RT: 3.350 min Scan# 703
Delta R.T. -0.000 min
Lab File: VU053062.D
Acq: 11 Feb 2023 20:55

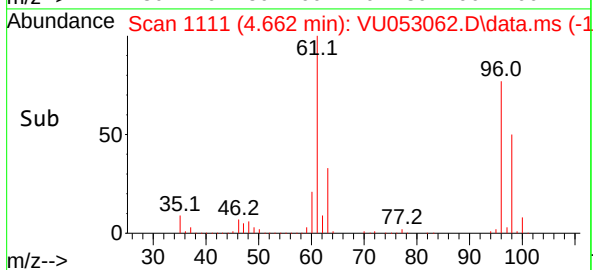
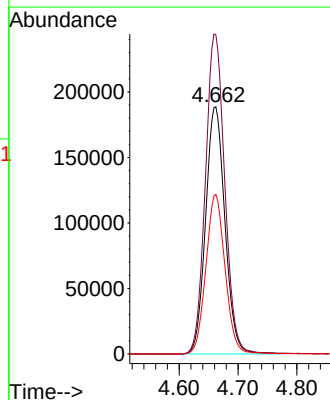
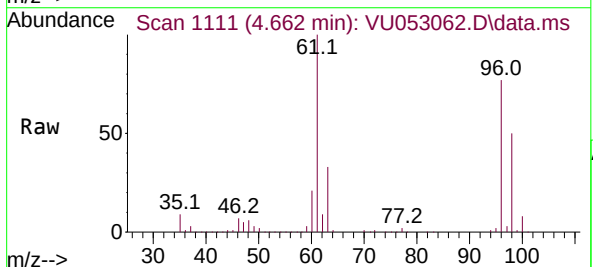
Instrument :
MSVOA_U
ClientSampleId :
COM77

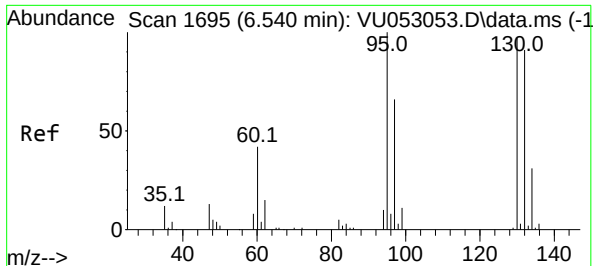
Tgt Ion: 96 Resp: 37694
Ion Ratio Lower Upper
96 100
61 135.7 99.5 184.9
98 60.1 44.8 83.2



#22
cis-1,2-Dichloroethene
Concen: 51.295 ug/L
RT: 4.662 min Scan# 1111
Delta R.T. -0.000 min
Lab File: VU053062.D
Acq: 11 Feb 2023 20:55

Tgt Ion: 96 Resp: 430736
Ion Ratio Lower Upper
96 100
61 129.1 90.9 168.9
98 64.5 47.0 87.4

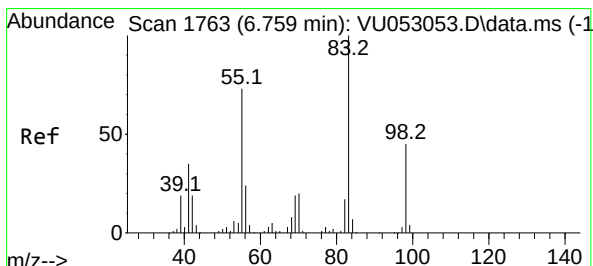
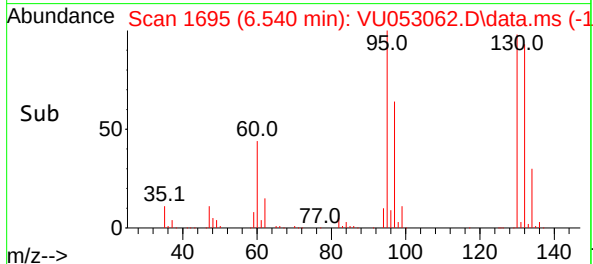
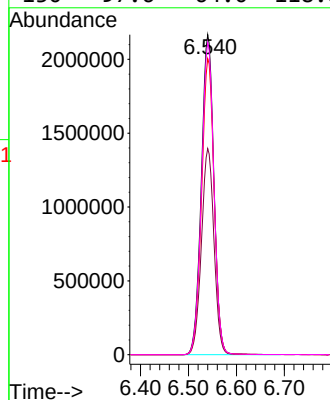
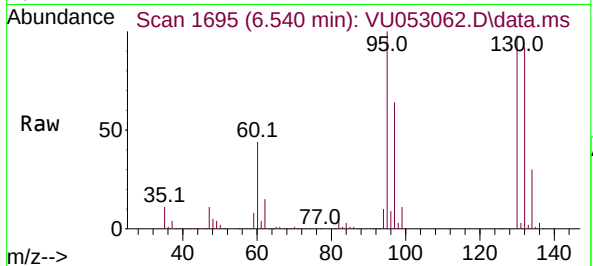




#34
Trichloroethene
Concen: 457.913 ug/L
RT: 6.540 min Scan# 1741
Delta R.T. -0.000 min
Lab File: VU053062.D
Acq: 11 Feb 2023 20:55

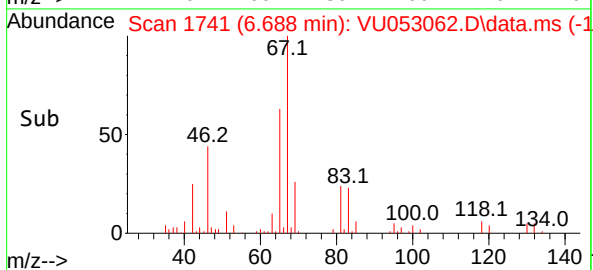
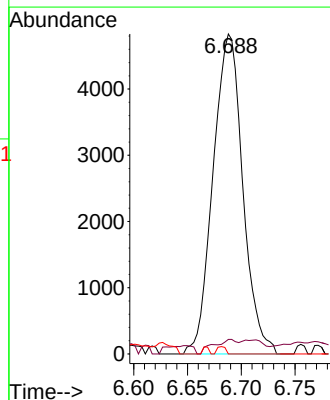
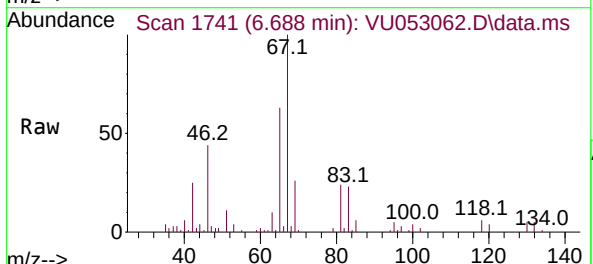
Instrument :
MSVOA_U
ClientSampleId :
COM77

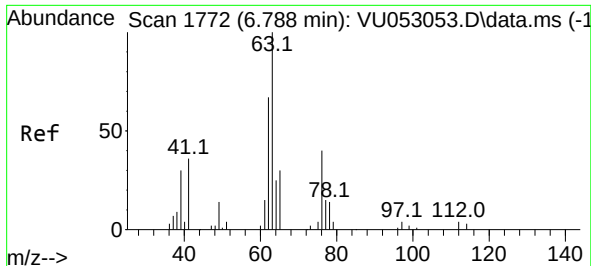
Tgt Ion: 95 Resp: 3947915
Ion Ratio Lower Upper
95 100
97 64.4 44.7 82.9
132 92.5 62.3 115.7
130 97.6 64.0 118.8



#35
Methylcyclohexane
Concen: 0.666 ug/L
RT: 6.688 min Scan# 1741
Delta R.T. -0.071 min
Lab File: VU053062.D
Acq: 11 Feb 2023 20:55

Tgt Ion: 83 Resp: 9294
Ion Ratio Lower Upper
83 100
55 3.7 57.9 86.9#
98 0.0 36.4 54.6#





#37

1,2-Dichloropropane

Concen: 0.531 ug/L

RT: 6.685 min Scan# 11

Delta R.T. -0.103 min

Lab File: VU053062.D

Acq: 11 Feb 2023 20:55

Instrument :

MSVOA_U

ClientSampleId :

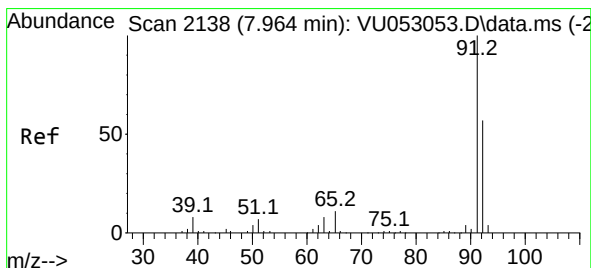
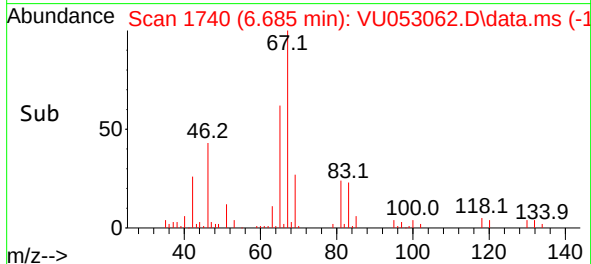
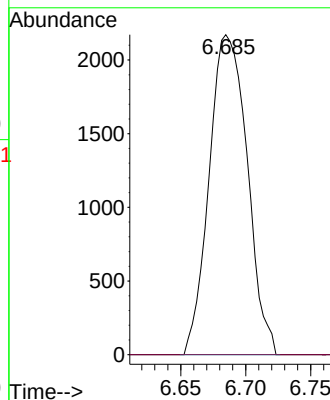
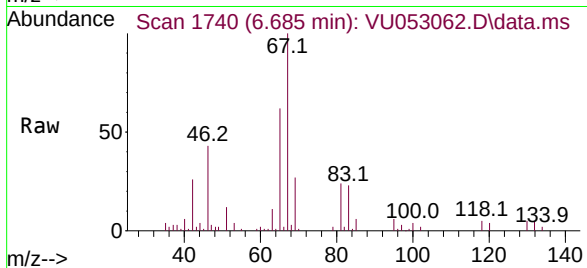
COM77

Tgt Ion: 63 Resp: 4430

Ion Ratio Lower Upper

63 100

112 0.0 2.7 4.1#



#42

Toluene

Concen: 0.281 ug/L

RT: 7.968 min Scan# 2139

Delta R.T. 0.003 min

Lab File: VU053062.D

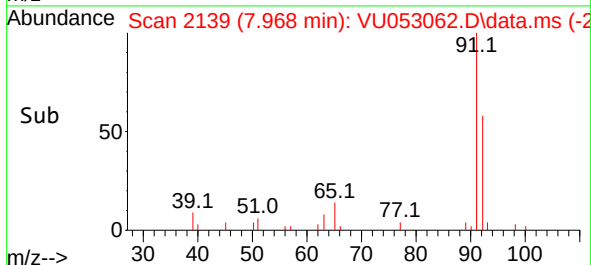
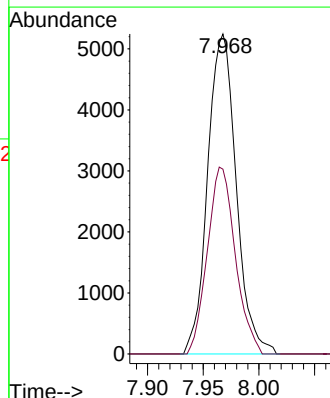
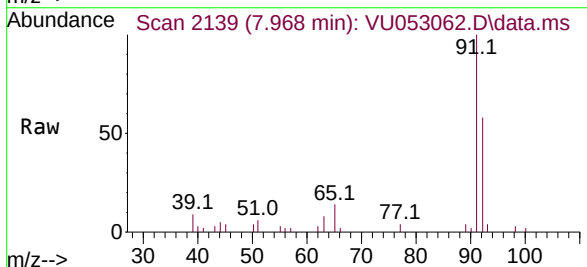
Acq: 11 Feb 2023 20:55

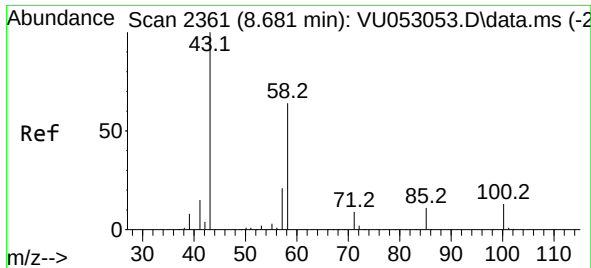
Tgt Ion: 91 Resp: 9351

Ion Ratio Lower Upper

91 100

92 57.7 40.5 75.3

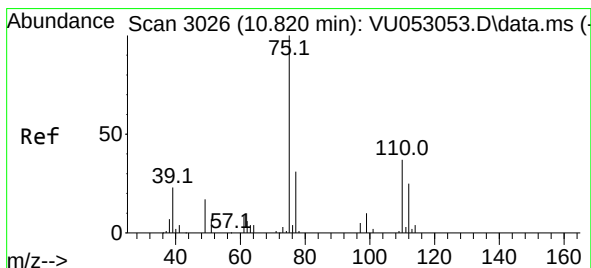
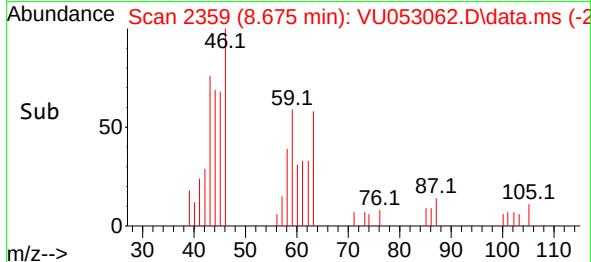
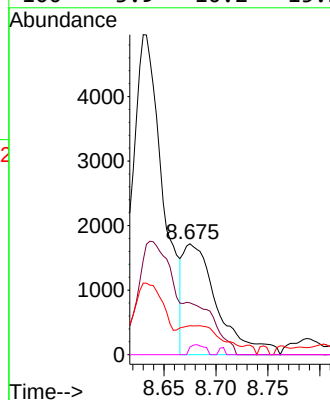
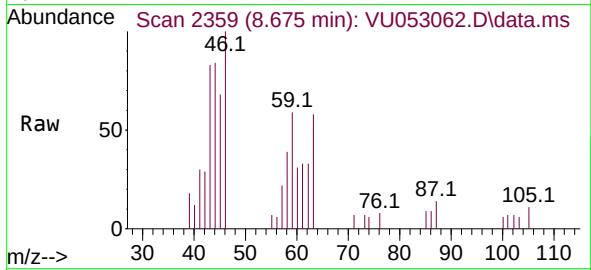




#48
2-Hexanone
Concen: 1.226 ug/L
RT: 8.675 min Scan# 21
Delta R.T. -0.006 min
Lab File: VU053062.D
Acq: 11 Feb 2023 20:55

Instrument :
MSVOA_U
ClientSampleId :
COM77

Tgt Ion: 43	Resp:	3918
Ion Ratio	Lower	Upper
43	100	
58	0.0	50.3 75.5#
57	20.3	17.4 26.0
100	3.9	10.2 15.2#



#61
1,2,3-Trichloropropane
Concen: 1.410 ug/L
RT: 11.807 min Scan# 3333
Delta R.T. 0.987 min
Lab File: VU053062.D
Acq: 11 Feb 2023 20:55

Tgt Ion: 75	Resp:	6683
Ion Ratio	Lower	Upper
75	100	
110	1.8	28.6 42.8#
77	34.2	27.6 41.4

