

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092723\
 Data File : VU055555.D
 Acq On : 27 Sep 2023 16:47
 Operator : MD/SY
 Sample : 04530-15
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 27 23:36:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 27 23:33:30 2023
 Response via : Initial Calibration

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

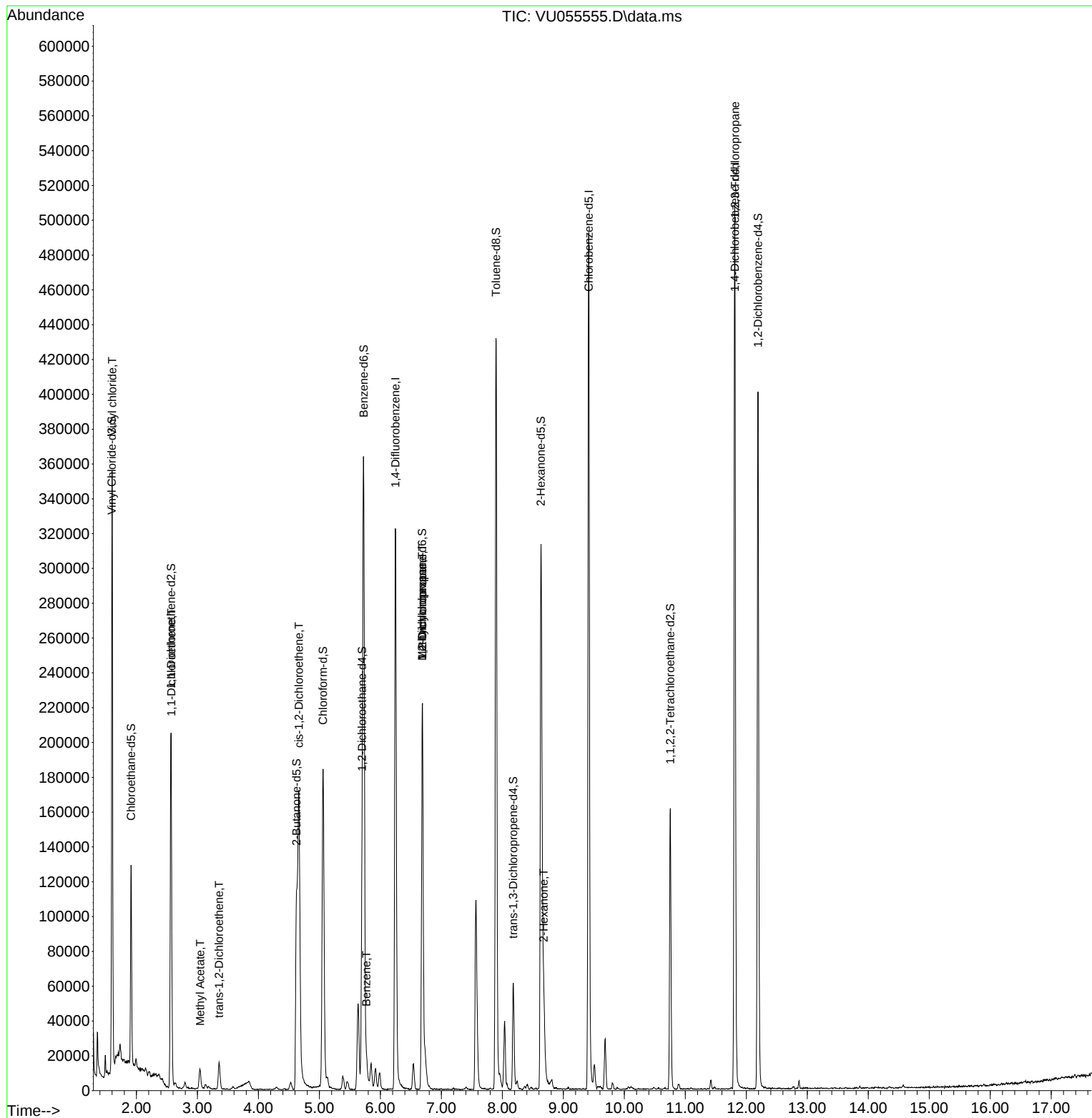
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	267546	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	283146	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	137794	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	96574	3.571	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.400%
7) Chloroethane-d5	1.911	69	80751	3.389	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	67.800%
11) 1,1-Dichloroethene-d2	2.567	65	37907	3.406	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.200%
20) 2-Butanone-d5	4.624	46	184275	37.729	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	75.460%
24) Chloroform-d	5.059	84	175205	3.582	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	71.600%
26) 1,2-Dichloroethane-d4	5.698	65	84311	3.584	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.600%
32) Benzene-d6	5.724	84	354503	3.579	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	71.600%
36) 1,2-Dichloropropane-d6	6.685	67	107856	3.645	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	72.800%
41) Toluene-d8	7.898	98	302395	3.350	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.000%#
43) trans-1,3-Dichloroprop...	8.177	79	36120	3.478	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.600%
46) 2-Hexanone-d5	8.631	63	97600	30.899	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	61.800%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	80723	3.640	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	72.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	104896	3.772	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	75.400%#
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	153018	6.190	ug/L	99
12) 1,1-Dichloroethene	2.570	96	2198	0.118	ug/L #	1
15) Methyl Acetate	3.046	43	4904	0.773	ug/L #	47
18) trans-1,2-Dichloroethene	3.354	96	4506	0.239	ug/L	98
22) cis-1,2-Dichloroethene	4.663	96	78263	3.580	ug/L	97
33) Benzene	5.769	78	10666	0.131	ug/L	100
35) Methylcyclohexane	6.685	83	28074	0.845	ug/L #	20
37) 1,2-Dichloropropane	6.689	63	11847	0.556	ug/L #	90
48) 2-Hexanone	8.679	43	23014	3.071	ug/L #	83
61) 1,2,3-Trichloropropane	11.814	75	18211	1.693	ug/L #	67

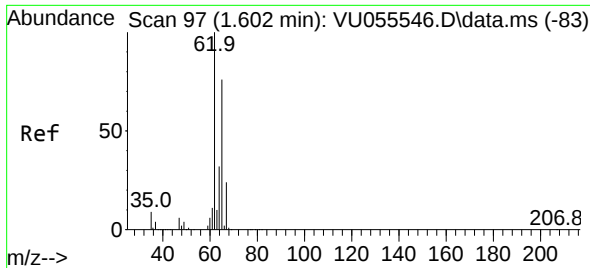
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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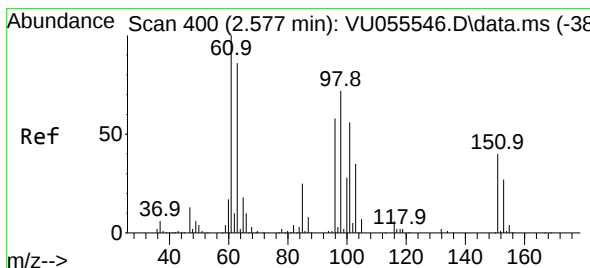
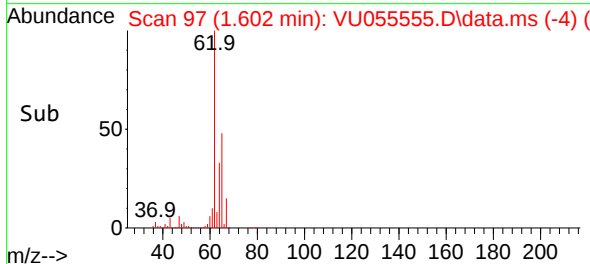
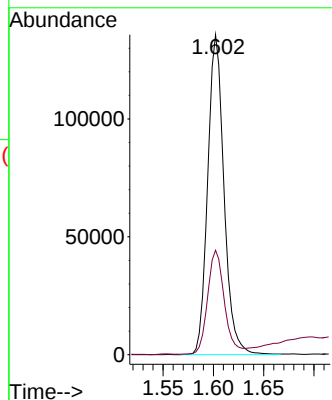
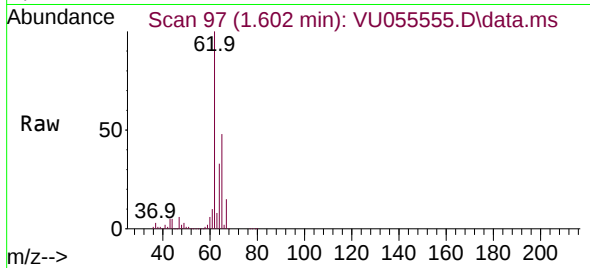




#5
 Vinyl chloride
 Concen: 6.190 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VU055555.D
 Acq: 27 Sep 2023 16:47

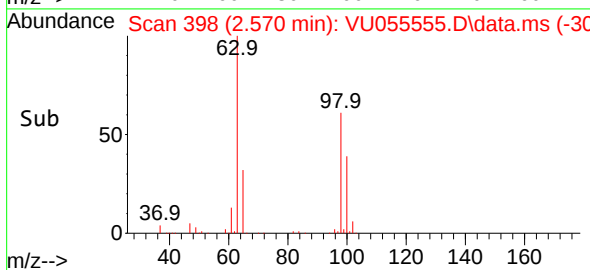
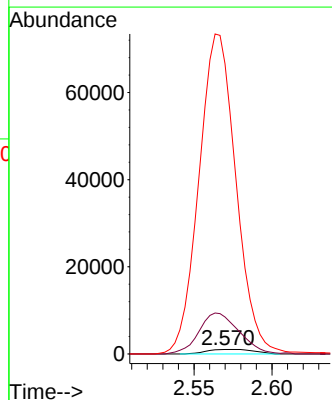
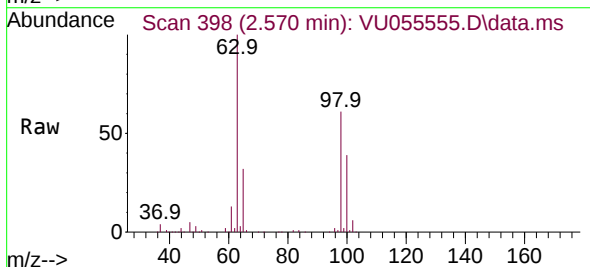
Instrument :
 MSVOA_U
 ClientSampleId :

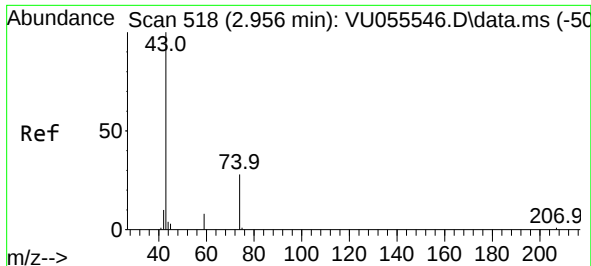
Tgt Ion: 62 Resp: 153018
 Ion Ratio Lower Upper
 62 100
 64 32.7 22.3 41.5



#12
 1,1-Dichloroethene
 Concen: 0.118 ug/L
 RT: 2.570 min Scan# 398
 Delta R.T. -0.007 min
 Lab File: VU055555.D
 Acq: 27 Sep 2023 16:47

Tgt Ion: 96 Resp: 2198
 Ion Ratio Lower Upper
 96 100
 61 830.0 114.5 212.7#
 63 6518.2 98.3 182.5#





#15

Methyl Acetate

Concen: 0.773 ug/L

RT: 3.046 min Scan# 54

Delta R.T. 0.090 min

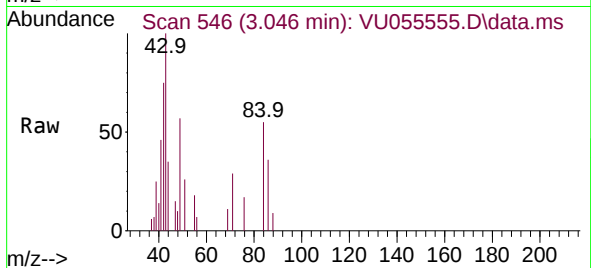
Lab File: VU055555.D

Acq: 27 Sep 2023 16:47

Instrument :

MSVOA_U

ClientSampleId :

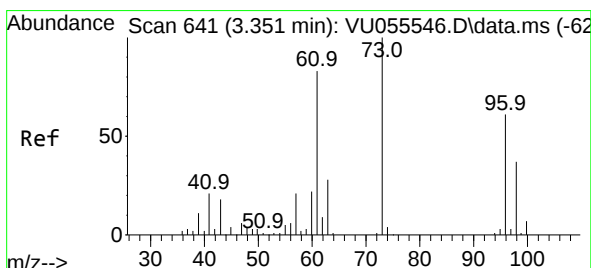
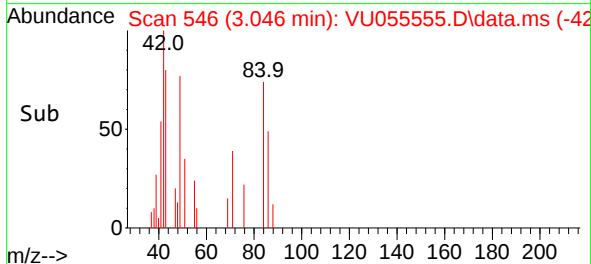
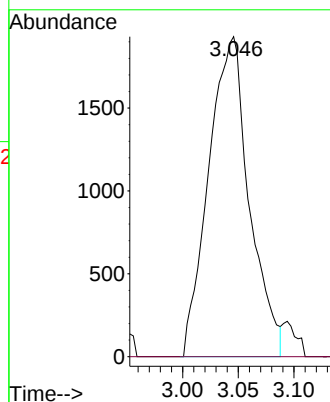


Tgt Ion: 43 Resp: 4904

Ion Ratio Lower Upper

43 100

74 0.0 22.3 33.5#



#18

trans-1,2-Dichloroethene

Concen: 0.239 ug/L

RT: 3.354 min Scan# 642

Delta R.T. 0.003 min

Lab File: VU055555.D

Acq: 27 Sep 2023 16:47

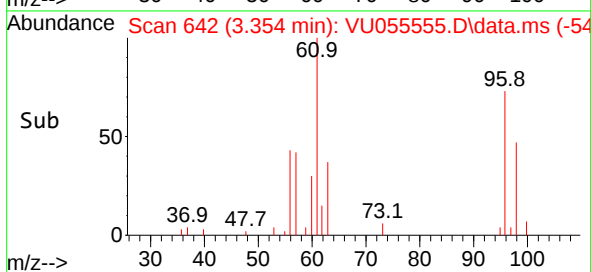
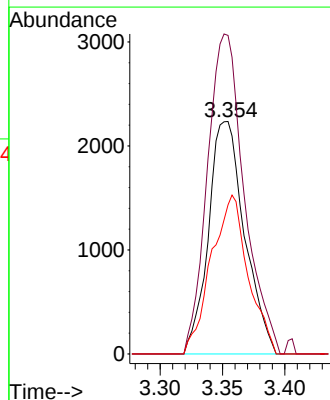
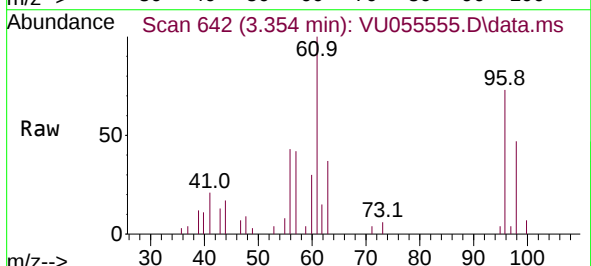
Tgt Ion: 96 Resp: 4506

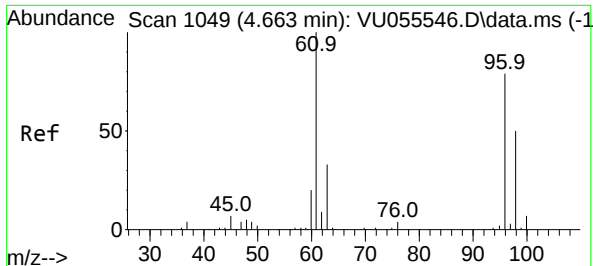
Ion Ratio Lower Upper

96 100

61 137.0 94.6 175.6

98 64.1 45.7 84.9

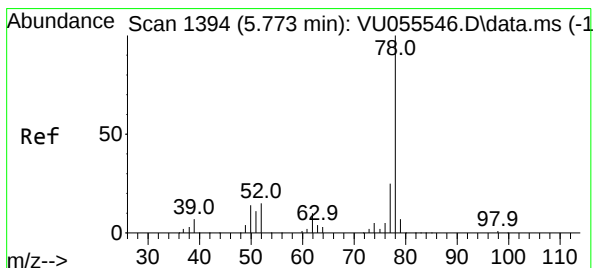
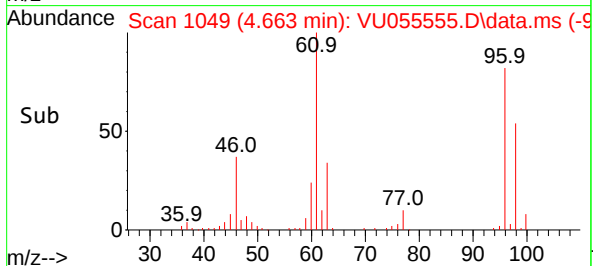
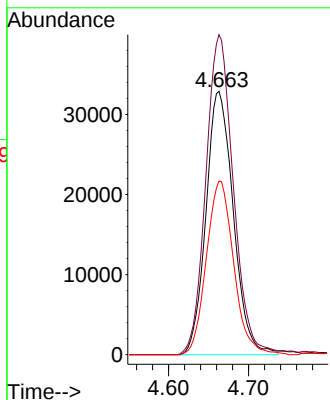
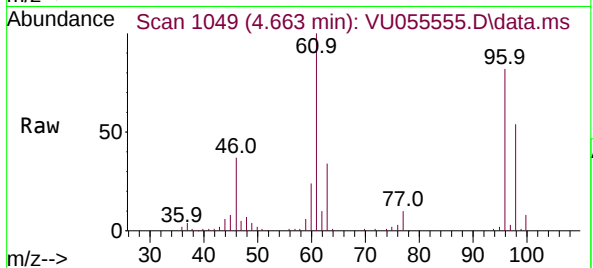




#22
 cis-1,2-Dichloroethene
 Concen: 3.580 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. -0.000 min
 Lab File: VU055555.D
 Acq: 27 Sep 2023 16:47

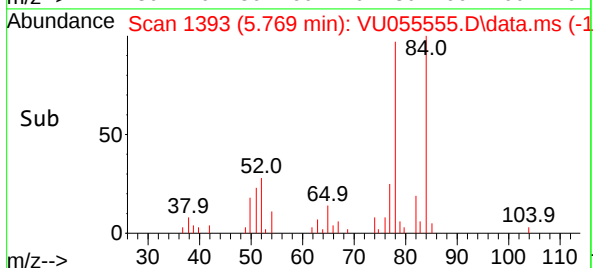
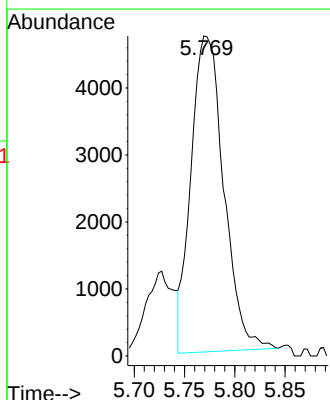
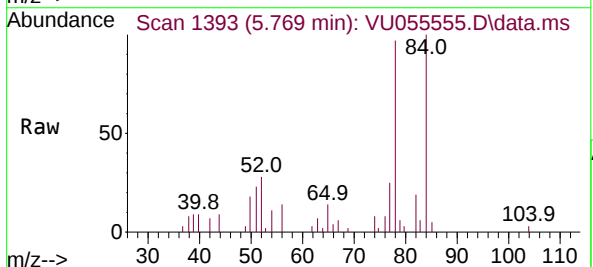
Instrument :
 MSVOA_U
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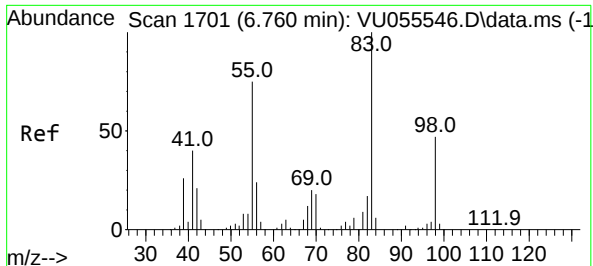
Tgt Ion: 96 Resp: 78263
 Ion Ratio Lower Upper
 96 100
 61 121.5 87.8 163.2
 98 66.0 44.4 82.4



#33
 Benzene
 Concen: 0.131 ug/L
 RT: 5.769 min Scan# 1393
 Delta R.T. -0.003 min
 Lab File: VU055555.D
 Acq: 27 Sep 2023 16:47

Tgt Ion: 78 Resp: 10666





#35

Methylcyclohexane

Concen: 0.845 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU055555.D

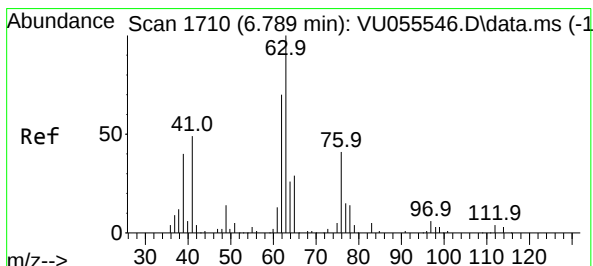
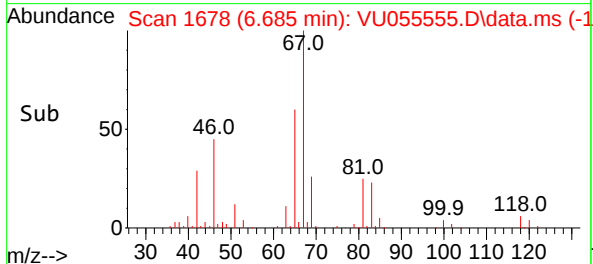
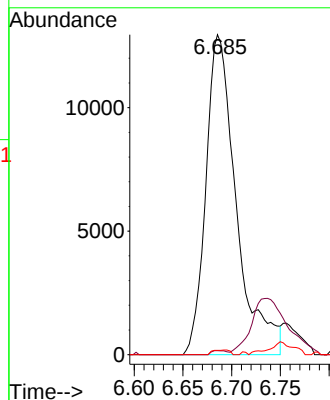
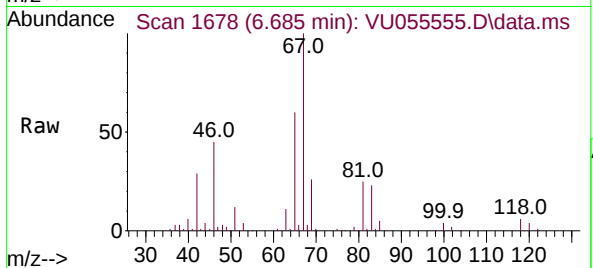
Acq: 27 Sep 2023 16:47

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 28074
Ion Ratio	Lower Upper
83	100
55	0.7 59.1 88.7#
98	0.8 36.3 54.5#



#37

1,2-Dichloropropane

Concen: 0.556 ug/L

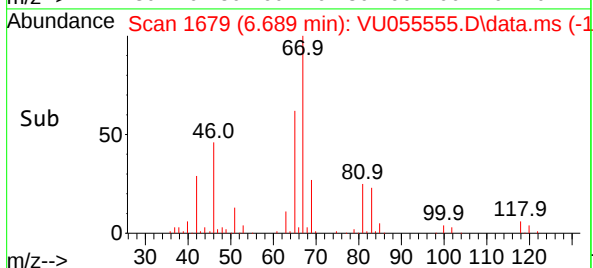
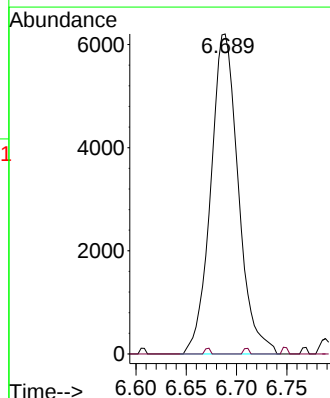
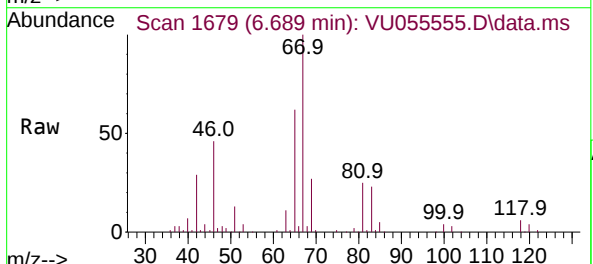
RT: 6.689 min Scan# 1679

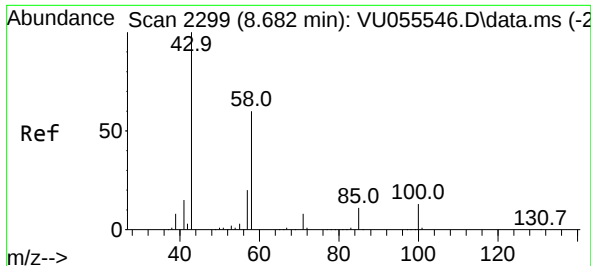
Delta R.T. -0.100 min

Lab File: VU055555.D

Acq: 27 Sep 2023 16:47

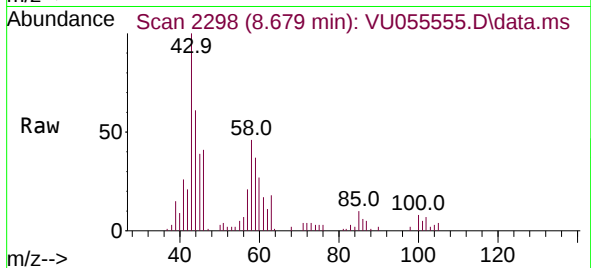
Tgt Ion: 63	Resp: 11847
Ion Ratio	Lower Upper
63	100
112	0.3 3.0 4.6#



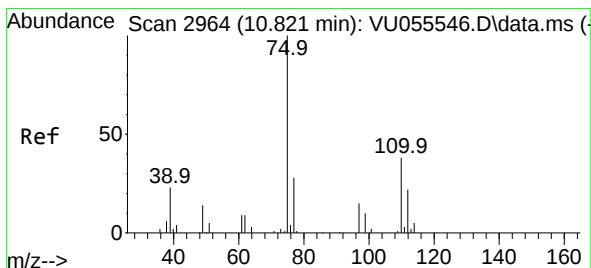
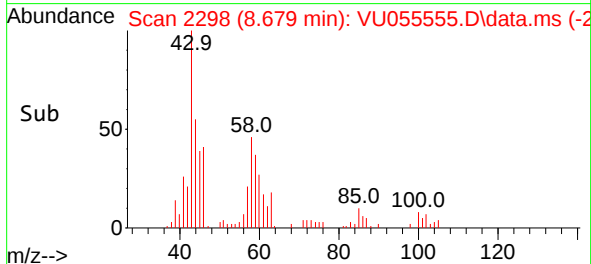
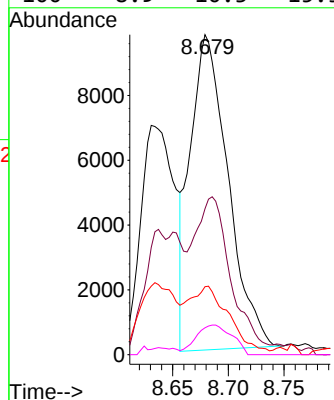


#48
2-Hexanone
Concen: 3.071 ug/L
RT: 8.679 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU055555.D
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Tgt Ion:	43	Resp:	23014
Ion Ratio	100	Lower	Upper
58	42.6	48.5	72.7#
57	20.8	17.0	25.4
100	8.9	10.3	15.5#



#61
1,2,3-Trichloropropane
Concen: 1.693 ug/L
RT: 11.814 min Scan# 3273
Delta R.T. 0.993 min
Lab File: VU055555.D
Acq: 27 Sep 2023 16:47

Tgt Ion:	75	Resp:	18211
Ion Ratio	100	Lower	Upper
110	1.3	30.6	45.8#
77	32.5	26.7	40.1

