

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092723\
 Data File : VU055553.D
 Acq On : 27 Sep 2023 15:58
 Operator : MD/SY
 Sample : 04530-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 27 23:35:33 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)

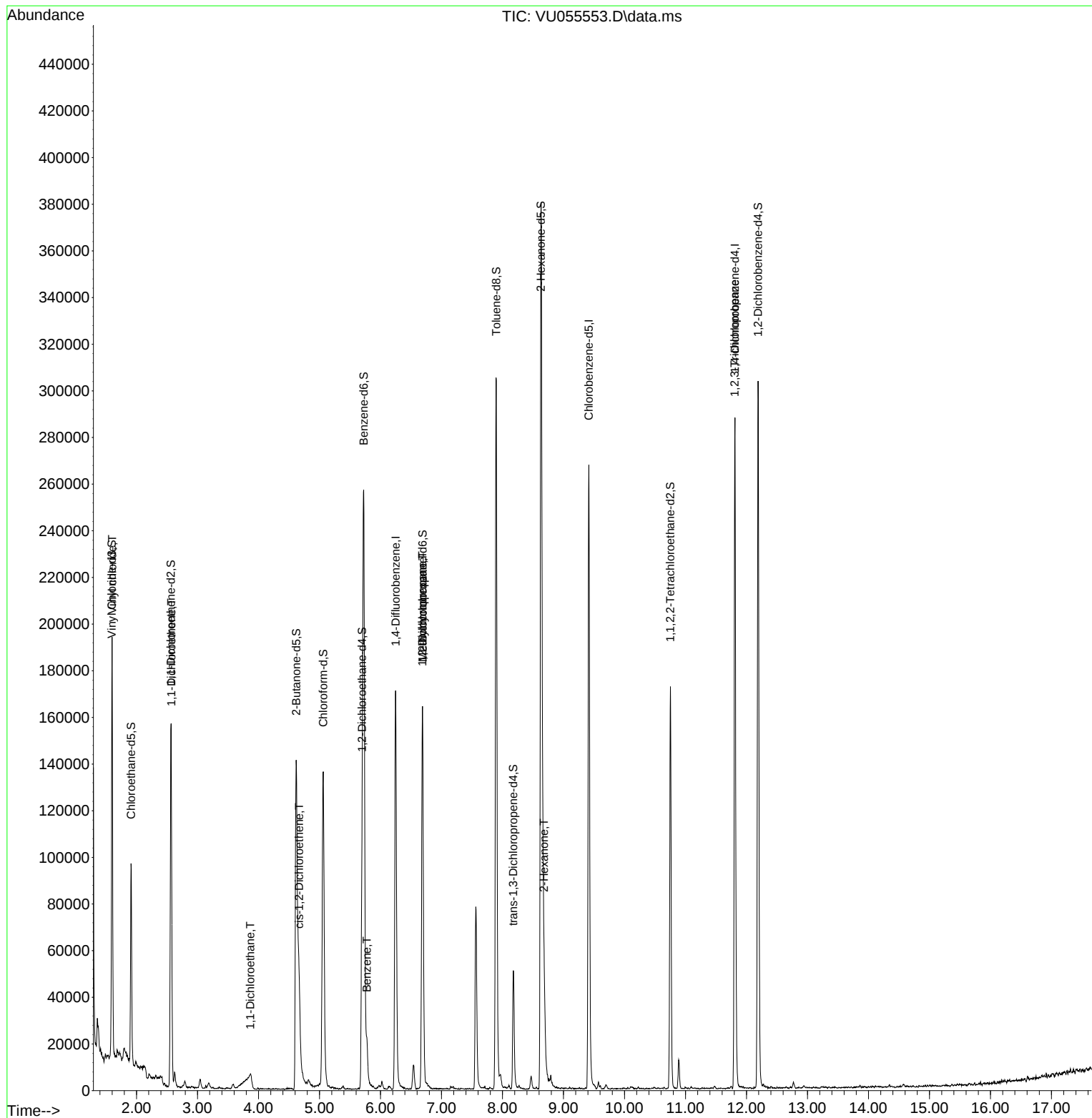
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	145695	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	153922	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	76670	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	74128	5.034	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.600%
7) Chloroethane-d5	1.911	69	58842	4.534	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.600%
11) 1,1-Dichloroethene-d2	2.563	65	29203	4.818	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.400%
20) 2-Butanone-d5	4.618	46	218396	82.112	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	164.220%#
24) Chloroform-d	5.062	84	128788	4.835	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
26) 1,2-Dichloroethane-d4	5.698	65	73223	5.715	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.400%
32) Benzene-d6	5.724	84	251973	4.680	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
36) 1,2-Dichloropropane-d6	6.689	67	81145	5.044	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.800%
41) Toluene-d8	7.898	98	213652	4.354	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.000%
43) trans-1,3-Dichloroprop...	8.177	79	31026	5.496	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	110.000%
46) 2-Hexanone-d5	8.631	63	116700	67.964	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	135.920%#
56) 1,1,2,2-Tetrachloroeth...	10.753	84	84563	7.014	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	140.200%#
66) 1,2-Dichlorobenzene-d4	12.190	152	82211	5.313	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.200%
Target Compounds						
5) Vinyl chloride	1.602	62	59253	4.401	ug/L	97
12) 1,1-Dichloroethene	2.570	96	1142	0.112	ug/L #	1
19) 1,1-Dichloroethane	3.866	63	1769	0.093	ug/L #	92
22) cis-1,2-Dichloroethene	4.666	96	16303	1.370	ug/L	97
33) Benzene	5.775	78	16376	0.370	ug/L	100
35) Methylcyclohexane	6.689	83	18904	1.047	ug/L #	20
37) 1,2-Dichloropropane	6.685	63	8429	0.728	ug/L #	88
48) 2-Hexanone	8.679	43	26954	6.617	ug/L #	79
61) 1,2,3-Trichloropropane	11.807	75	9398	1.570	ug/L #	67

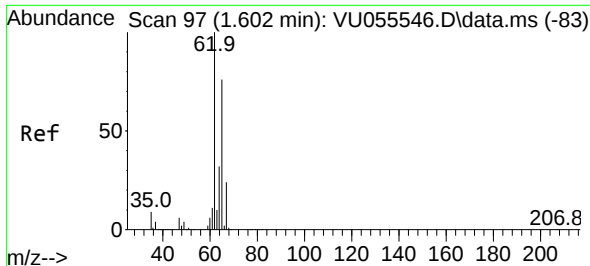
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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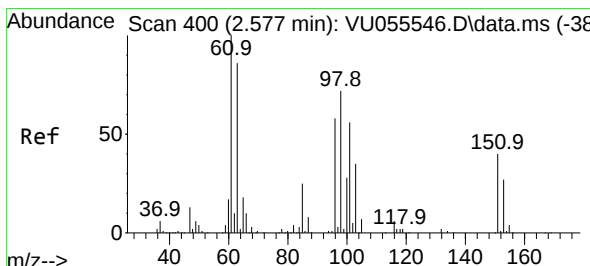
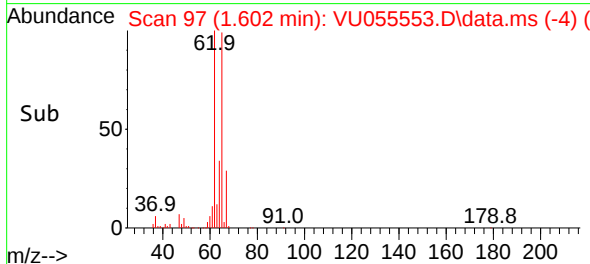
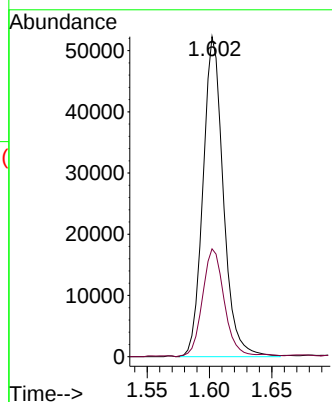
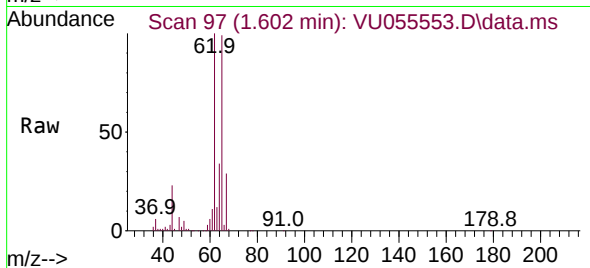




#5
 Vinyl chloride
 Concen: 4.401 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VU055553.D
 Acq: 27 Sep 2023 15:58

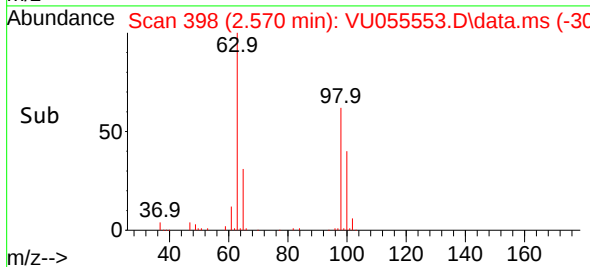
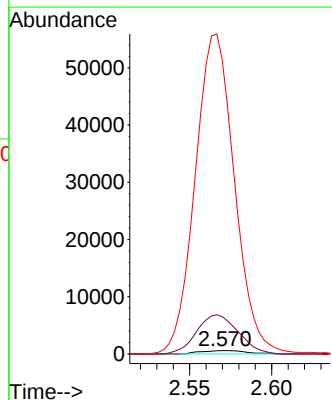
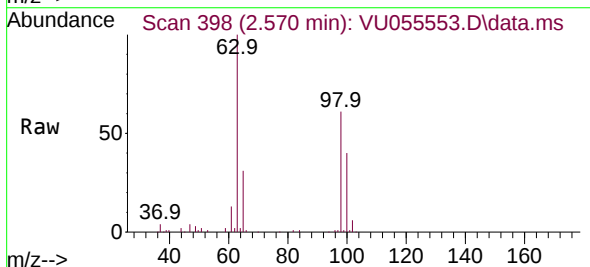
Instrument :
 MSVOA_U
 ClientSampleId :

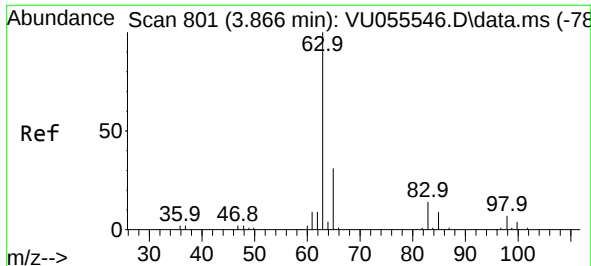
Tgt Ion: 62 Resp: 59253
 Ion Ratio Lower Upper
 62 100
 64 33.7 22.3 41.5



#12
 1,1-Dichloroethene
 Concen: 0.112 ug/L
 RT: 2.570 min Scan# 398
 Delta R.T. -0.007 min
 Lab File: VU055553.D
 Acq: 27 Sep 2023 15:58

Tgt Ion: 96 Resp: 1142
 Ion Ratio Lower Upper
 96 100
 61 1101.7 114.5 212.7#
 63 8692.1 98.3 182.5#





#19

1,1-Dichloroethane

Concen: 0.093 ug/L

RT: 3.866 min Scan# 801

Delta R.T. -0.000 min

Lab File: VU055553.D

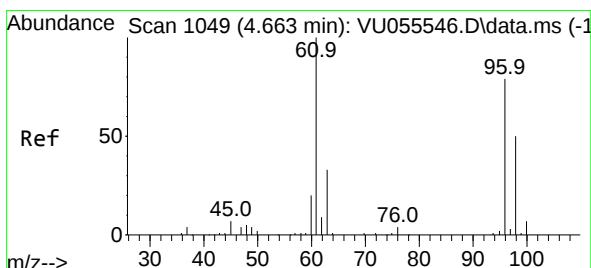
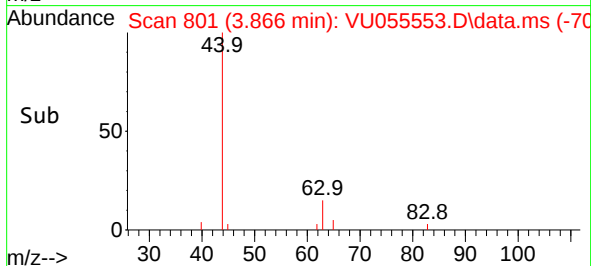
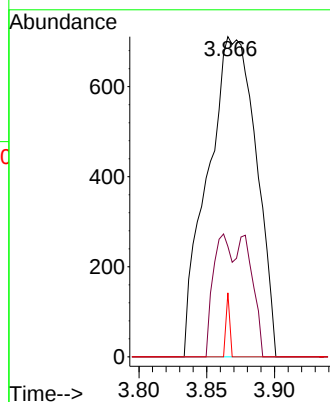
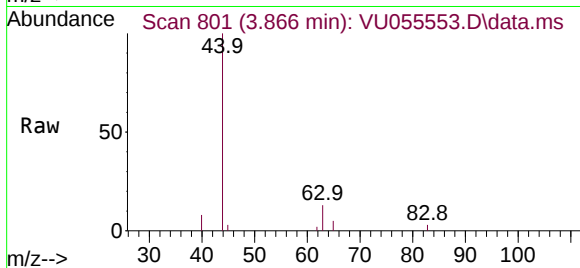
Acq: 27 Sep 2023 15:58

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 63	Resp: 1769
Ion Ratio	Lower Upper
63	100
65	34.5 22.0 41.0
83	20.0 10.1 18.9#



#22

cis-1,2-Dichloroethene

Concen: 1.370 ug/L

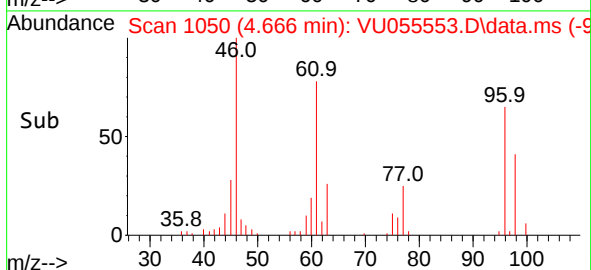
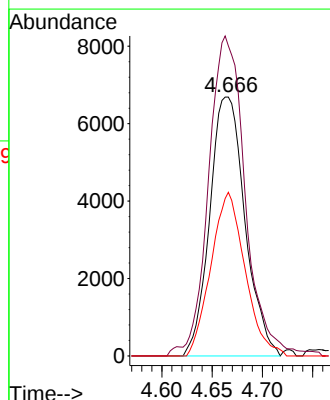
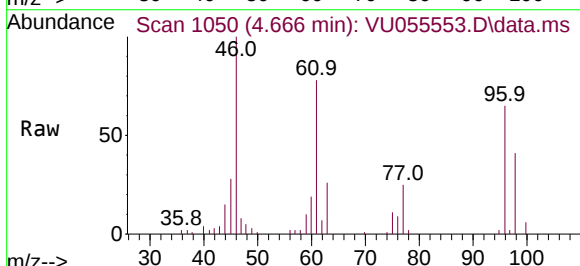
RT: 4.666 min Scan# 1050

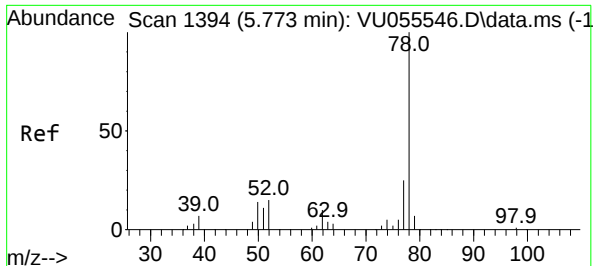
Delta R.T. 0.003 min

Lab File: VU055553.D

Acq: 27 Sep 2023 15:58

Tgt Ion: 96	Resp: 16303
Ion Ratio	Lower Upper
96	100
61	119.8 87.8 163.2
98	63.2 44.4 82.4

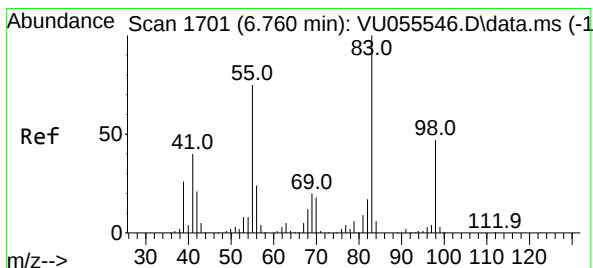
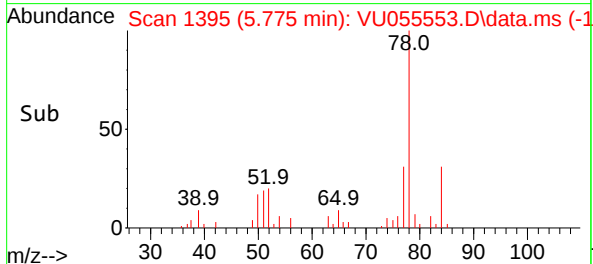
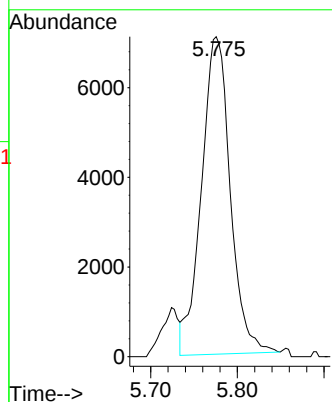
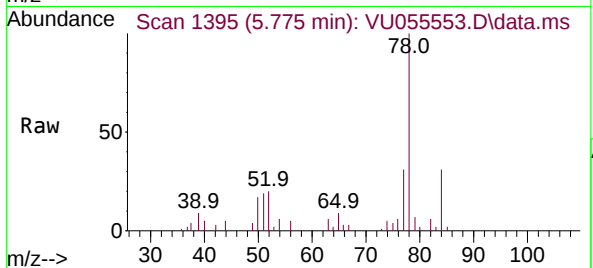




#33
Benzene
Concen: 0.370 ug/L
RT: 5.775 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU055553.D
Acq: 27 Sep 2023 15:58

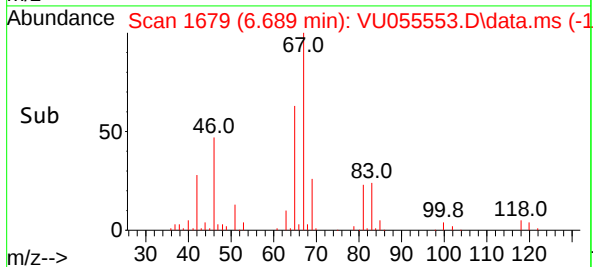
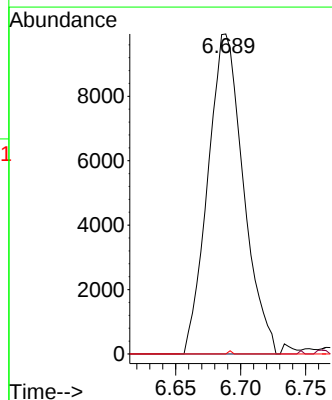
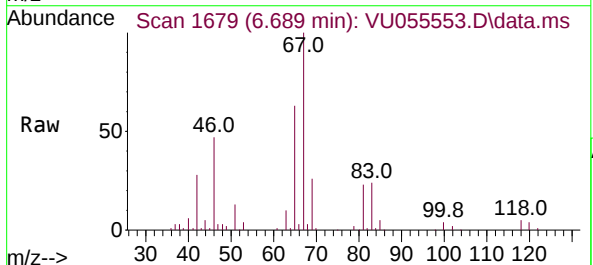
Instrument :
MSVOA_U
ClientSampleId :

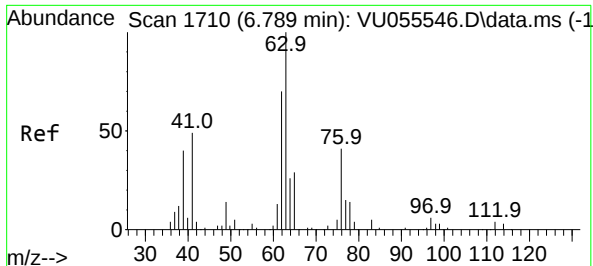
Tgt Ion: 78 Resp: 16376



#35
Methylcyclohexane
Concen: 1.047 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.071 min
Lab File: VU055553.D
Acq: 27 Sep 2023 15:58

Tgt Ion: 83 Resp: 18904
Ion Ratio Lower Upper
83 100
55 0.1 59.1 88.7#
98 0.1 36.3 54.5#

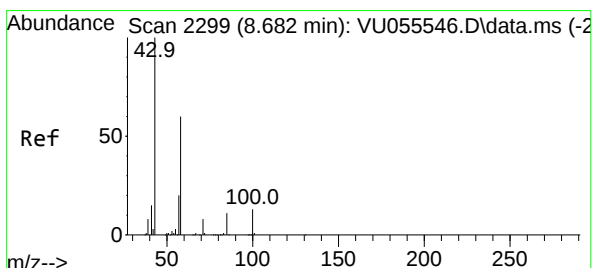
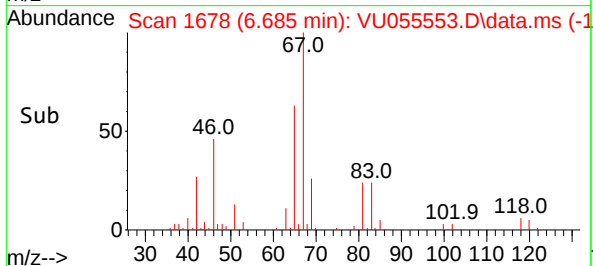
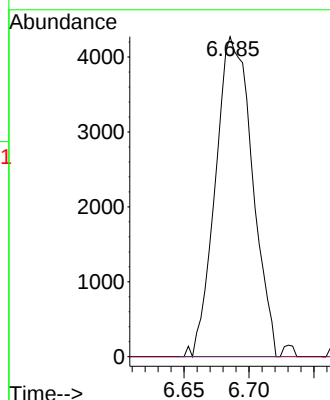
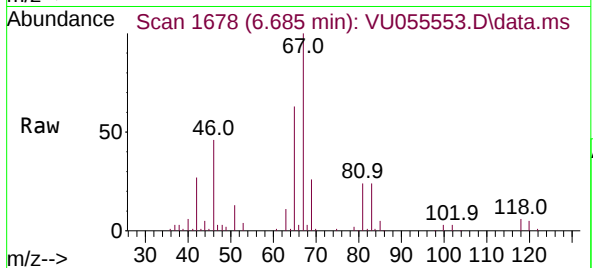




#37
1,2-Dichloropropane
Concen: 0.728 ug/L
RT: 6.685 min Scan# 11
Delta R.T. -0.103 min
Lab File: VU055553.D
Acq: 27 Sep 2023 15:58

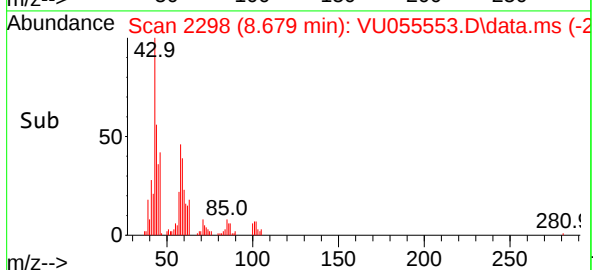
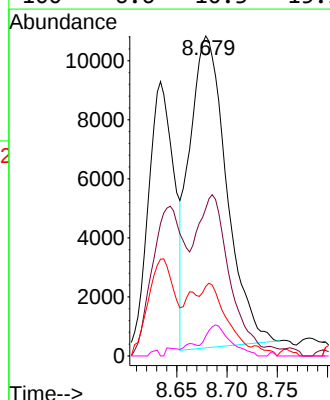
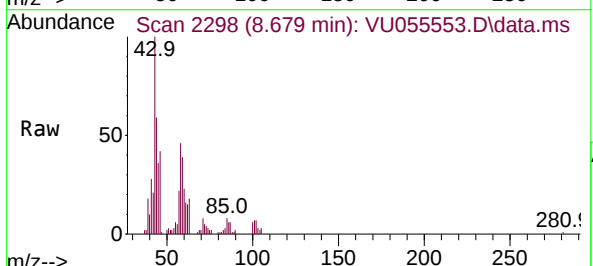
Instrument :
MSVOA_U
ClientSampleId :

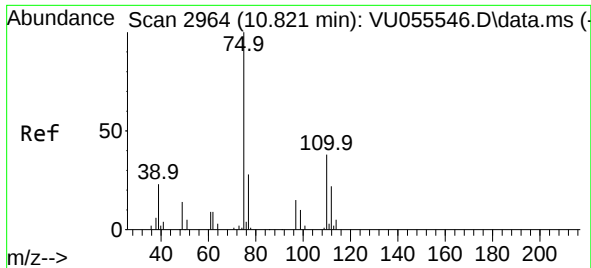
Tgt Ion: 63 Resp: 8429
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.6#



#48
2-Hexanone
Concen: 6.617 ug/L
RT: 8.679 min Scan# 2298
Delta R.T. -0.004 min
Lab File: VU055553.D
Acq: 27 Sep 2023 15:58

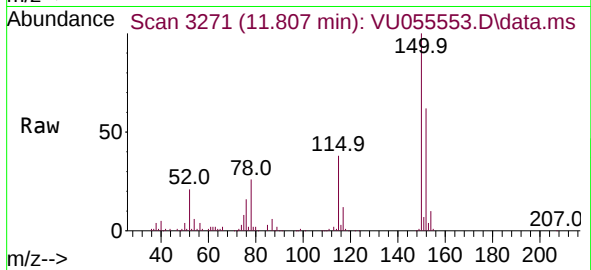
Tgt Ion: 43 Resp: 26954
Ion Ratio Lower Upper
43 100
58 42.9 48.5 72.7#
57 12.7 17.0 25.4#
100 6.6 10.3 15.5#





#61
 1,2,3-Trichloropropane
 Concen: 1.570 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU055553.D
 Acq: 27 Sep 2023 15:58

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	75	Resp:	9398
Ion	Ratio	Lower	Upper
75	100		
110	1.8	30.6	45.8#
77	34.1	26.7	40.1

