

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092723\
 Data File : VU055554.D
 Acq On : 27 Sep 2023 16:23
 Operator : MD/SY
 Sample : 04530-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 27 23:35:47 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

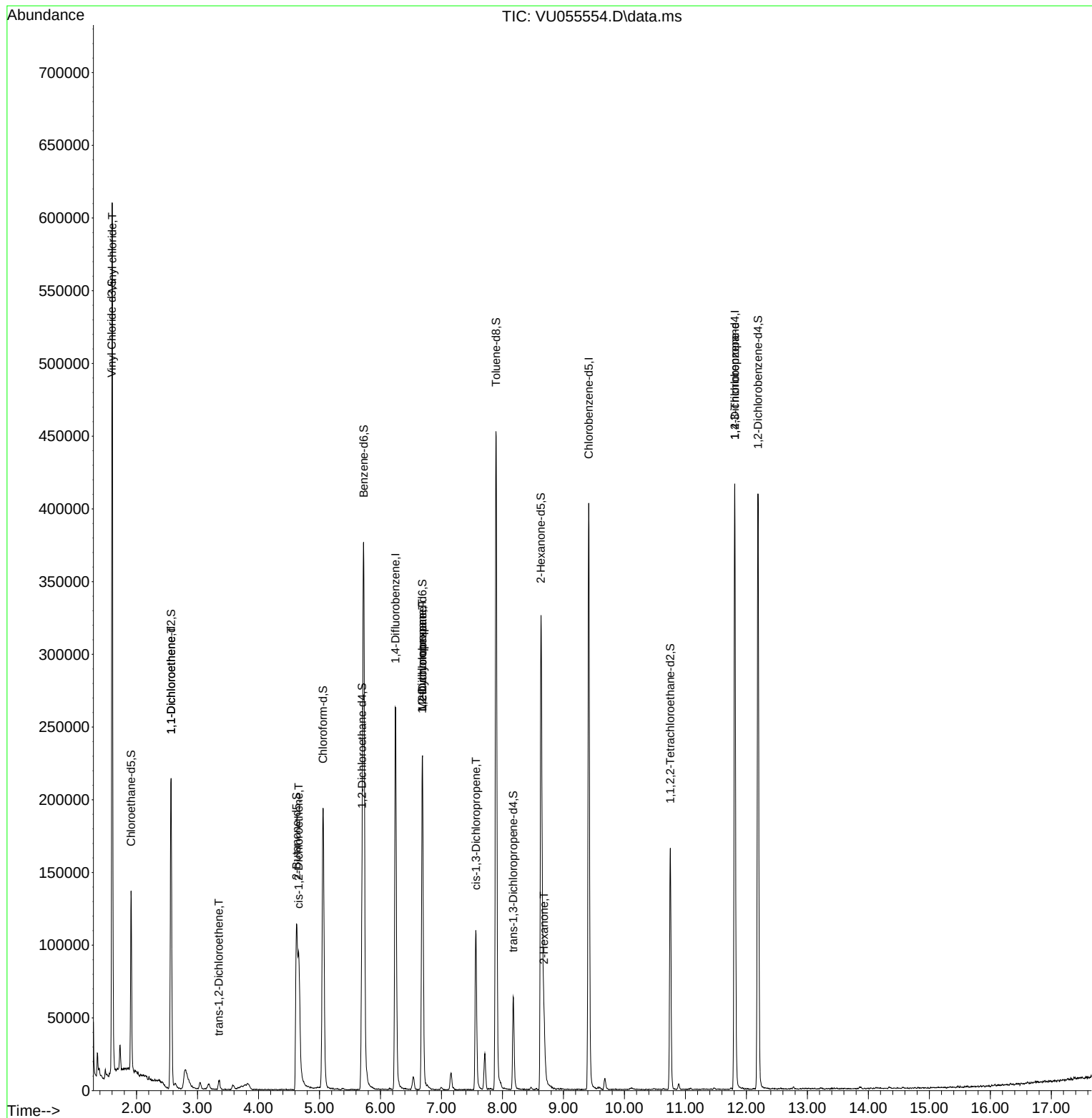
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	216171	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	225570	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	114596	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	103226	4.725	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	94.400%	
7) Chloroethane-d5	1.911	69	84364	4.382	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	87.600%	
11) 1,1-Dichloroethene-d2	2.567	65	40981	4.557	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	91.200%	
20) 2-Butanone-d5	4.624	46	181688	46.040	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	92.080%	
24) Chloroform-d	5.058	84	185817	4.702	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.000%	
26) 1,2-Dichloroethane-d4	5.698	65	89156	4.690	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.800%	
32) Benzene-d6	5.724	84	370499	4.696	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.000%	
36) 1,2-Dichloropropane-d6	6.689	67	114213	4.845	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	96.800%	
41) Toluene-d8	7.894	98	317787	4.419	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	88.400%	
43) trans-1,3-Dichloroprop...	8.177	79	37637	4.549	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	91.000%	
46) 2-Hexanone-d5	8.631	63	103837	41.265	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	82.520%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	85343	4.831	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	96.600%	
66) 1,2-Dichlorobenzene-d4	12.190	152	111963	4.841	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	96.800%	
Target Compounds						
5) Vinyl chloride	1.602	62	325597	16.301	ug/L	98
12) 1,1-Dichloroethene	2.567	96	1892	0.125	ug/L #	1
18) trans-1,2-Dichloroethene	3.351	96	2729	0.179	ug/L	91
22) cis-1,2-Dichloroethene	4.660	96	33771	1.912	ug/L	98
35) Methylcyclohexane	6.689	83	26689	1.009	ug/L #	20
37) 1,2-Dichloropropane	6.685	63	12842	0.756	ug/L #	88
39) cis-1,3-Dichloropropene	7.566	75	3099	0.137	ug/L	83
48) 2-Hexanone	8.682	43	26287	4.404	ug/L #	78
61) 1,2,3-Trichloropropane	11.811	75	13684	1.530	ug/L #	68

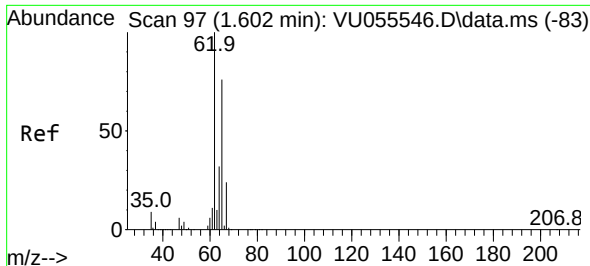
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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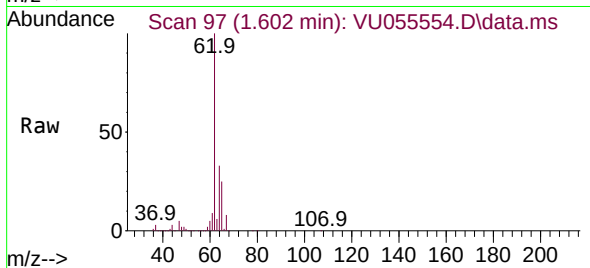
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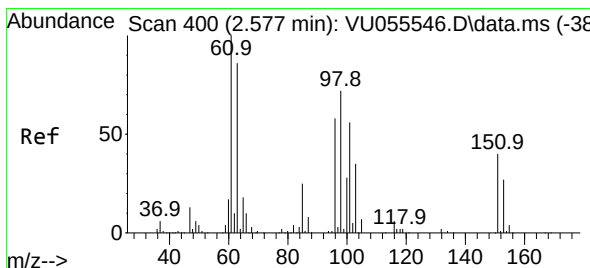
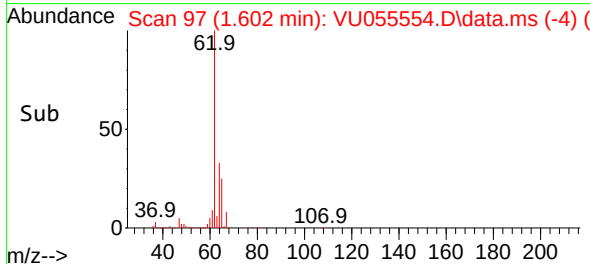
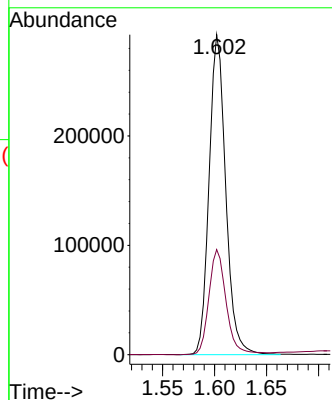


#5
 Vinyl chloride
 Concen: 16.301 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VU055554.D
 Acq: 27 Sep 2023 16:23

Instrument :
 MSVOA_U
 ClientSampleId :

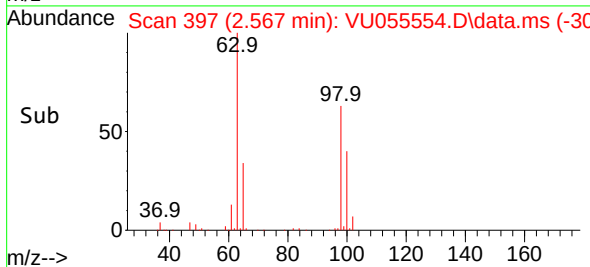
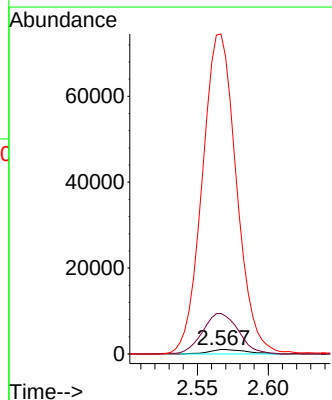
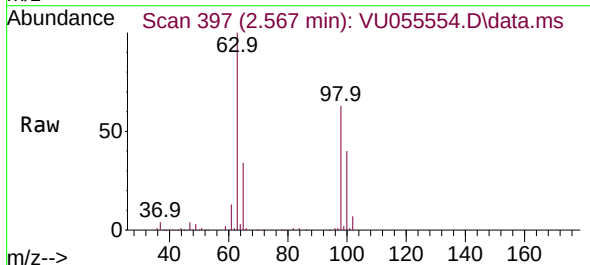


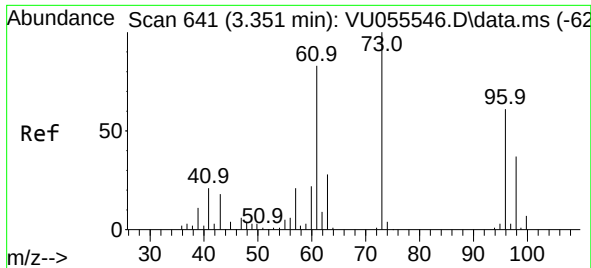
Tgt Ion: 62 Resp: 325597
 Ion Ratio Lower Upper
 62 100
 64 32.9 22.3 41.5



#12
 1,1-Dichloroethene
 Concen: 0.125 ug/L
 RT: 2.567 min Scan# 397
 Delta R.T. -0.010 min
 Lab File: VU055554.D
 Acq: 27 Sep 2023 16:23

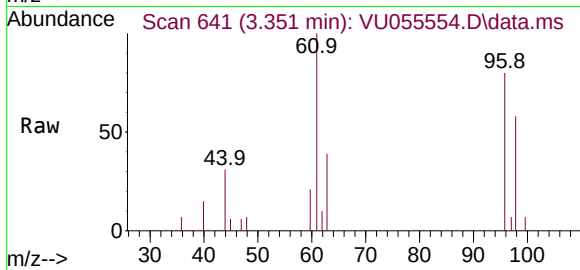
Tgt Ion: 96 Resp: 1892
 Ion Ratio Lower Upper
 96 100
 61 891.5 114.5 212.7#
 63 7043.5 98.3 182.5#





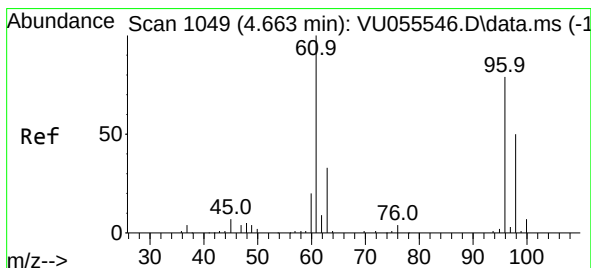
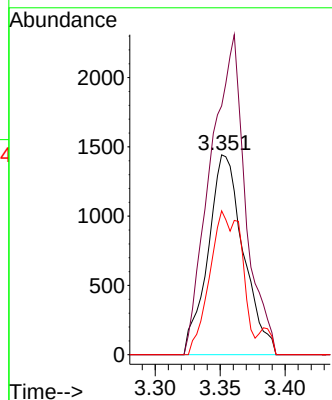
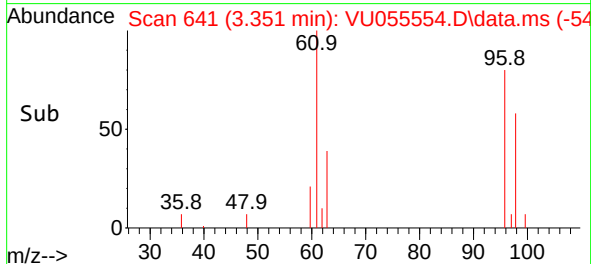
#18
trans-1,2-Dichloroethene
Concen: 0.179 ug/L
RT: 3.351 min Scan# 641
Delta R.T. -0.000 min
Lab File: VU055554.D
Acq: 27 Sep 2023 16:23

Instrument :
MSVOA_U
ClientSampleId :

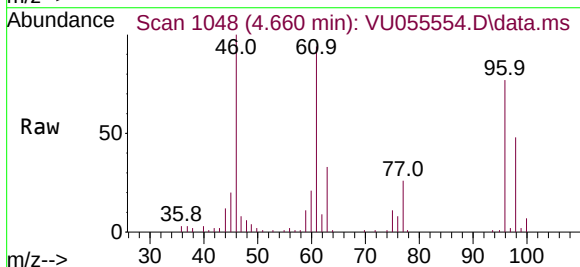


Tgt Ion: 96 Resp: 2729

Ion	Ratio	Lower	Upper
96	100		
61	124.5	94.6	175.6
98	71.9	45.7	84.9

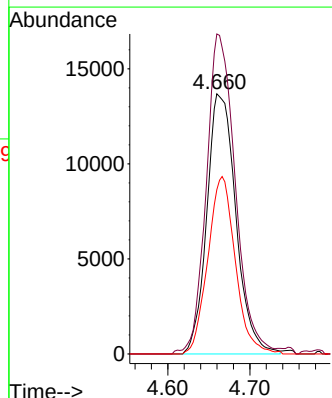
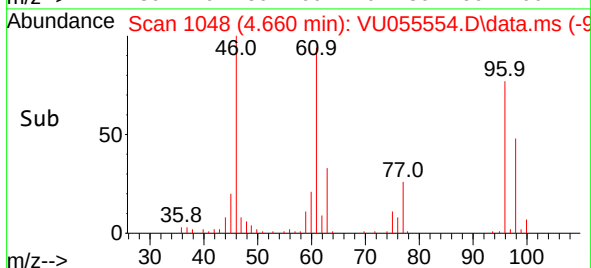


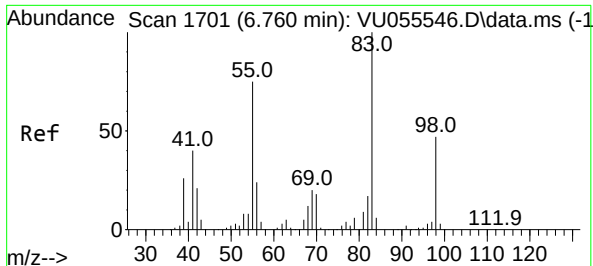
#22
cis-1,2-Dichloroethene
Concen: 1.912 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. -0.004 min
Lab File: VU055554.D
Acq: 27 Sep 2023 16:23



Tgt Ion: 96 Resp: 33771

Ion	Ratio	Lower	Upper
96	100		
61	123.0	87.8	163.2
98	63.2	44.4	82.4

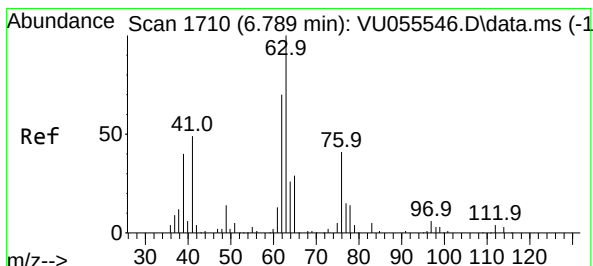
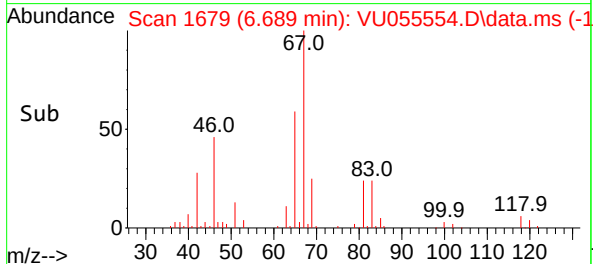
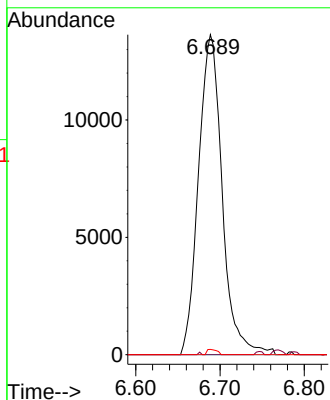
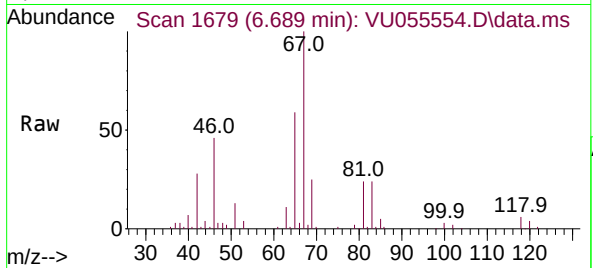




#35
Methylcyclohexane
Concen: 1.009 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.071 min
Lab File: VU055554.D
Acq: 27 Sep 2023 16:23

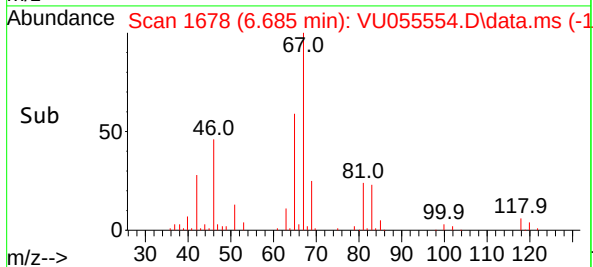
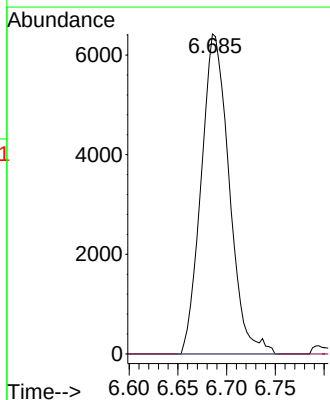
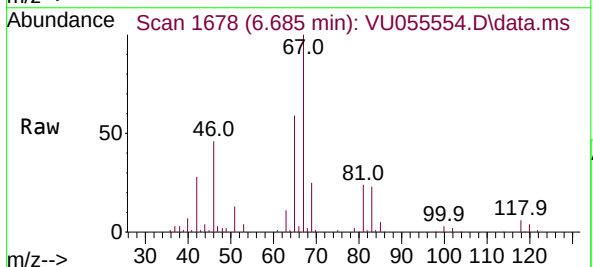
Instrument :
MSVOA_U
ClientSampleId :

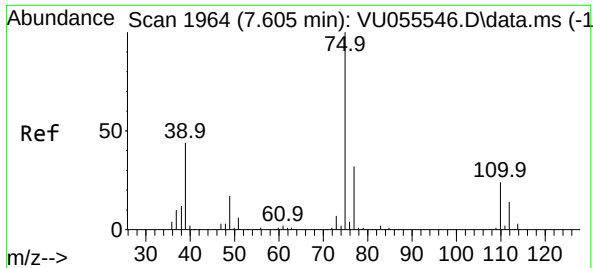
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.1	59.1	88.7#
98	0.7	36.3	54.5#



#37
1,2-Dichloropropane
Concen: 0.756 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.103 min
Lab File: VU055554.D
Acq: 27 Sep 2023 16:23

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





#39

cis-1,3-Dichloropropene

Concen: 0.137 ug/L

RT: 7.566 min Scan# 1964

Delta R.T. -0.039 min

Lab File: VU055554.D

Acq: 27 Sep 2023 16:23

Instrument :

MSVOA_U

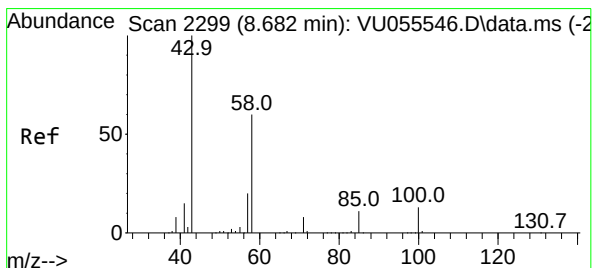
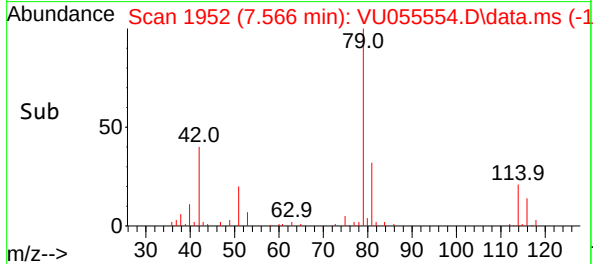
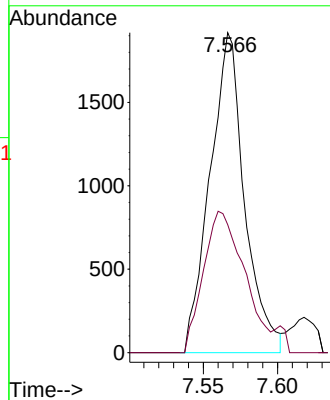
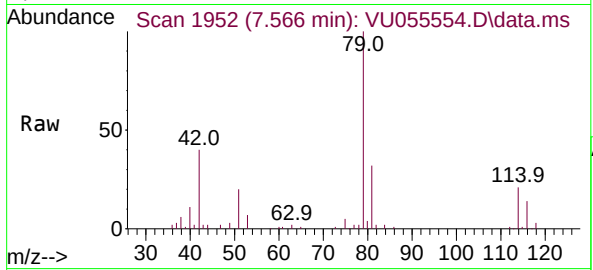
ClientSampleId :

Tgt Ion: 75 Resp: 3099

Ion Ratio Lower Upper

75 100

77 40.0 21.6 40.2



#48

2-Hexanone

Concen: 4.404 ug/L

RT: 8.682 min Scan# 2299

Delta R.T. -0.000 min

Lab File: VU055554.D

Acq: 27 Sep 2023 16:23

Tgt Ion: 43 Resp: 26287

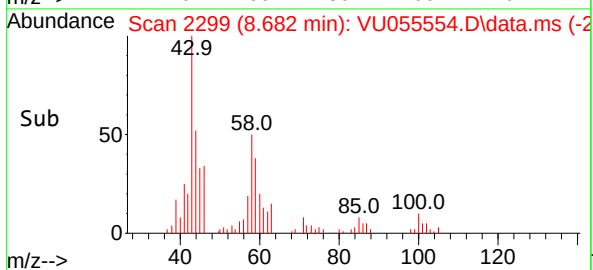
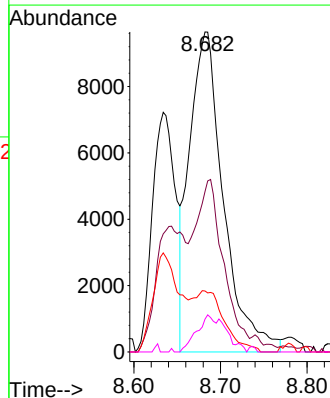
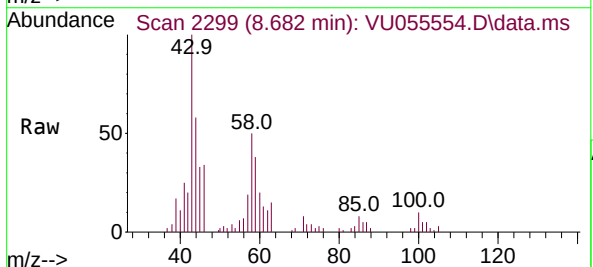
Ion Ratio Lower Upper

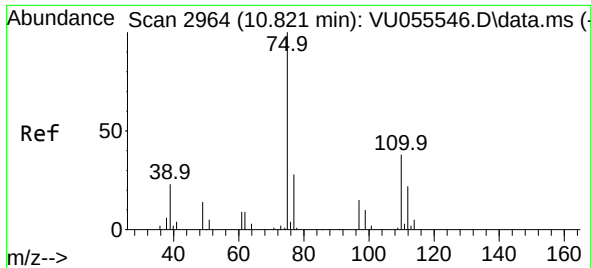
43 100

58 40.6 48.5 72.7#

57 14.3 17.0 25.4#

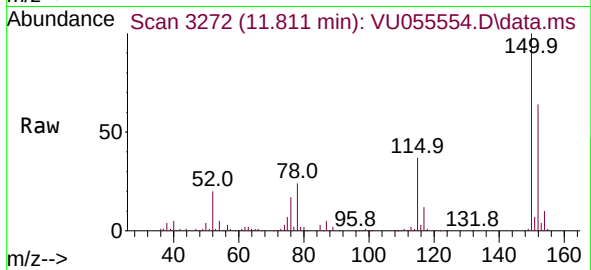
100 6.3 10.3 15.5#





#61
 1,2,3-Trichloropropane
 Concen: 1.530 ug/L
 RT: 11.811 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU055554.D
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 ClientSampleId :



Tgt Ion: 75 Resp: 13684
 Ion Ratio Lower Upper
 75 100
 110 3.3 30.6 45.8#
 77 34.3 26.7 40.1

