

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092623\
 Data File : VU055531.D
 Acq On : 26 Sep 2023 21:53
 Operator : MD/SY
 Sample : 04530-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 27 06:35:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 27 06:19:47 2023
 Response via : Initial Calibration

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

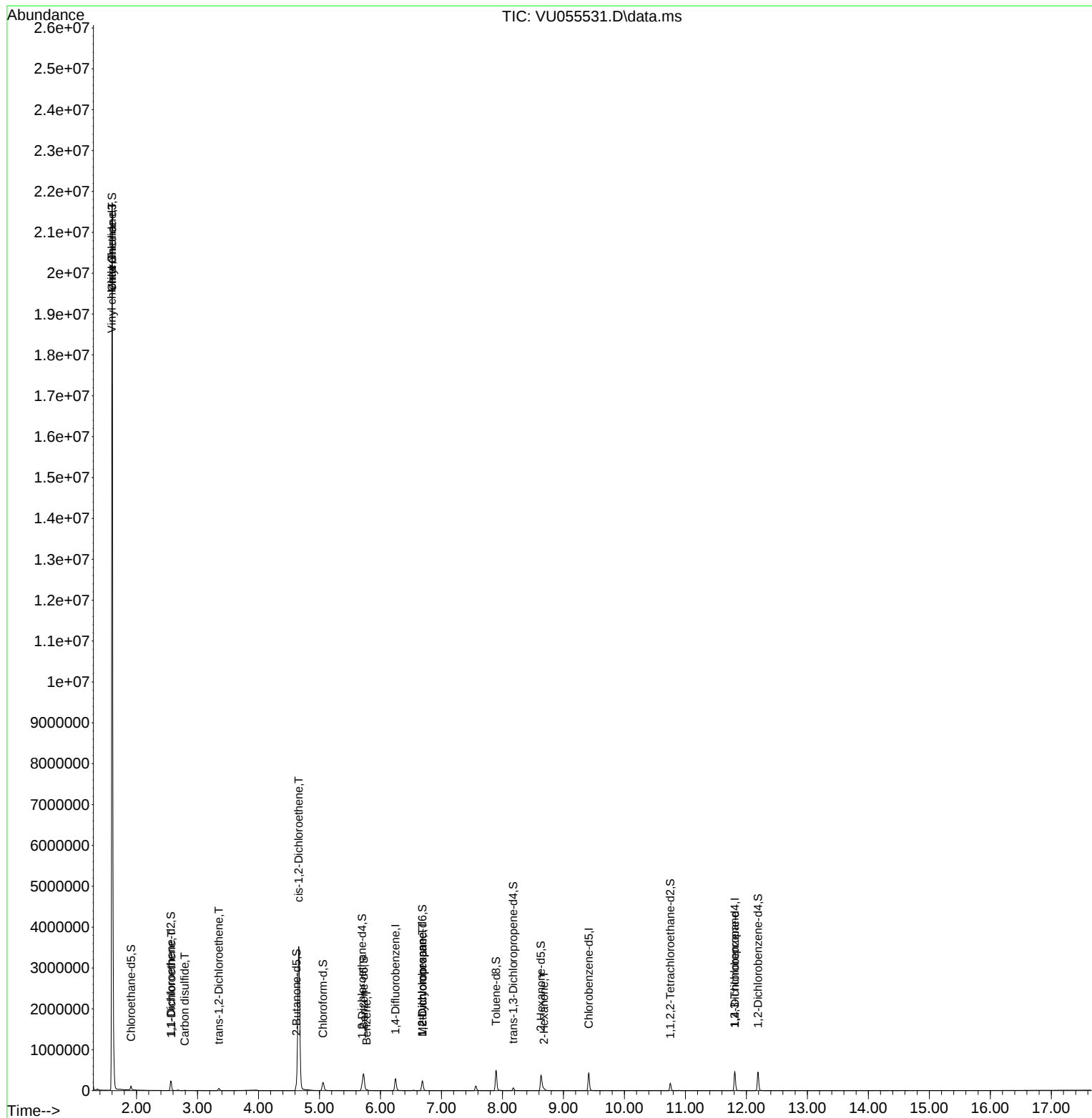
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	248199	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	254312	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	128600	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	219229	8.739	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	174.800%#	
7) Chloroethane-d5	1.910	69	68046	3.078	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	61.600%#	
11) 1,1-Dichloroethene-d2	2.563	65	43499	4.213	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	84.200%	
20) 2-Butanone-d5	4.624	46	205133	45.273	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	90.540%	
24) Chloroform-d	5.058	84	196765	4.337	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.800%	
26) 1,2-Dichloroethane-d4	5.698	65	93523	4.285	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	85.600%	
32) Benzene-d6	5.724	84	410353	4.613	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.200%	
36) 1,2-Dichloropropane-d6	6.688	67	122889	4.624	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	92.400%	
41) Toluene-d8	7.894	98	350574	4.324	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	86.400%	
43) trans-1,3-Dichloroprop...	8.177	79	41863	4.488	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	89.800%	
46) 2-Hexanone-d5	8.630	63	121403	42.793	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	85.580%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	93159	4.677	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	93.600%	
66) 1,2-Dichlorobenzene-d4	12.190	152	126840	4.887	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	97.800%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.599	50	89476	4.209	ug/L #	43
5) Vinyl chloride	1.595	62	13345720	581.924	ug/L #	82
12) 1,1-Dichloroethene	2.570	96	2875	0.166	ug/L #	1
14) Carbon disulfide	2.791	76	11410	0.219	ug/L	99
18) trans-1,2-Dichloroethene	3.351	96	23072	1.319	ug/L	97
22) cis-1,2-Dichloroethene	4.660	96	1950407	96.180	ug/L	98
33) Benzene	5.772	78	18859	0.258	ug/L	100
35) Methylcyclohexane	6.688	83	28911	0.969	ug/L #	20
37) 1,2-Dichloropropane	6.688	63	12713	0.664	ug/L #	88
48) 2-Hexanone	8.682	43	23019	3.420	ug/L #	73
61) 1,2,3-Trichloropropane	11.807	75	14672	1.462	ug/L #	67

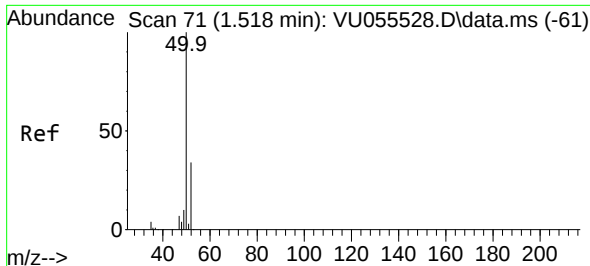
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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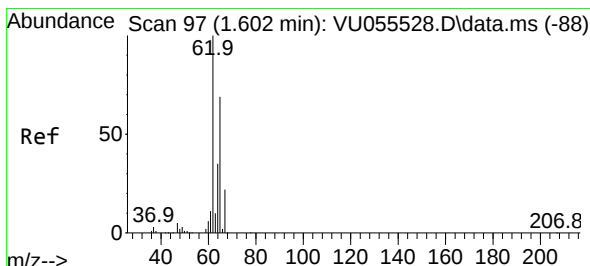
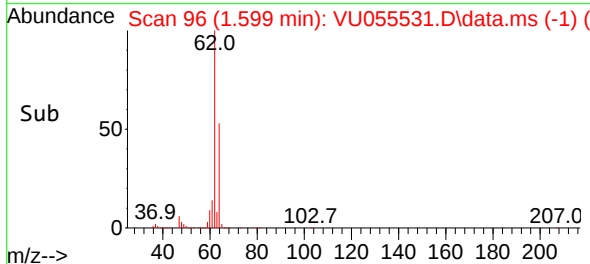
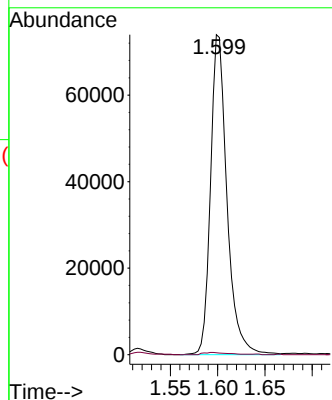
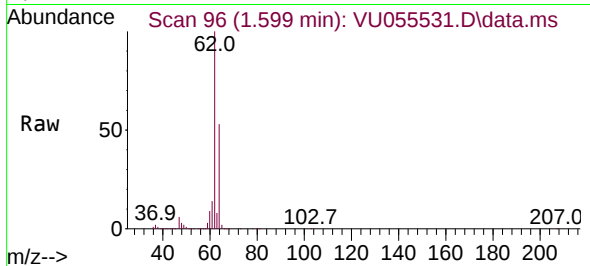




#3
Chloromethane
Concen: 4.209 ug/L
RT: 1.599 min Scan# 90
Delta R.T. 0.080 min
Lab File: VU055531.D
Acq: 26 Sep 2023 21:53

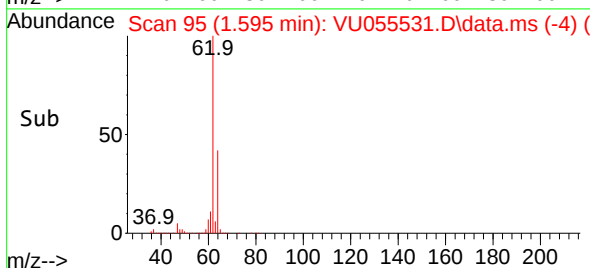
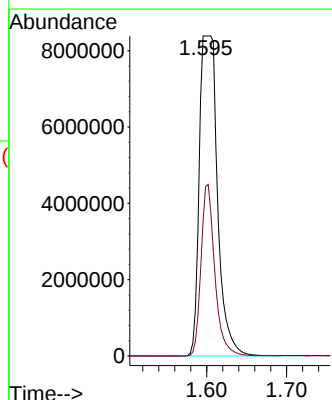
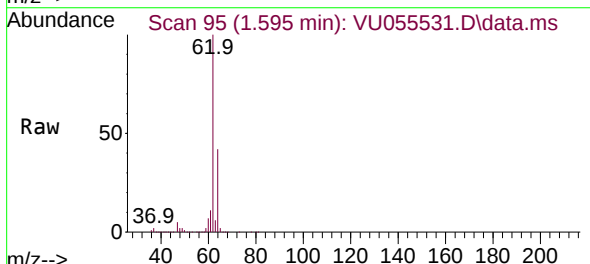
Instrument :
MSVOA_U
ClientSampleId :

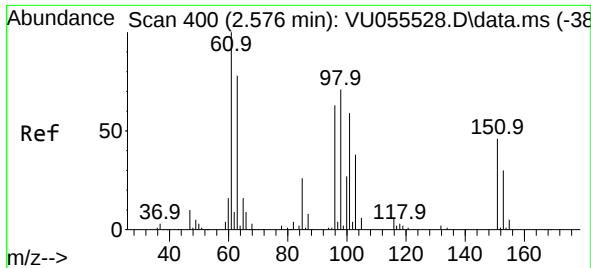
Tgt Ion: 50 Resp: 89476
Ion Ratio Lower Upper
50 100
52 0.6 22.9 42.5#



#5
Vinyl chloride
Concen: 581.924 ug/L
RT: 1.595 min Scan# 95
Delta R.T. -0.007 min
Lab File: VU055531.D
Acq: 26 Sep 2023 21:53

Tgt Ion: 62 Resp:13345720
Ion Ratio Lower Upper
62 100
64 42.2 22.3 41.5#





#12

1,1-Dichloroethene

Concen: 0.166 ug/L

RT: 2.570 min Scan# 398

Delta R.T. -0.007 min

Lab File: VU055531.D

Acq: 26 Sep 2023 21:53

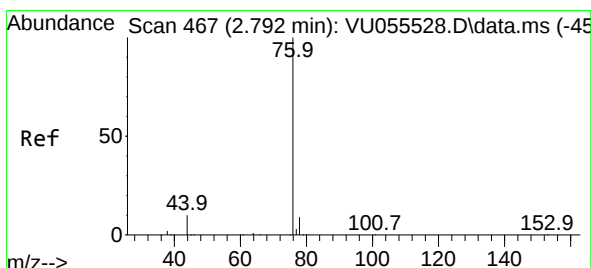
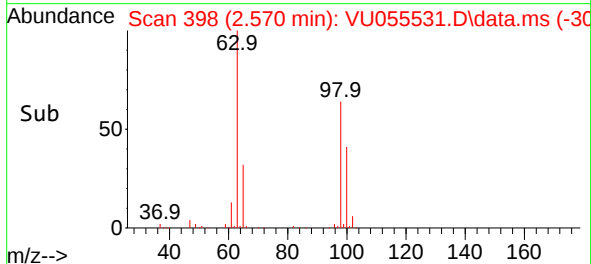
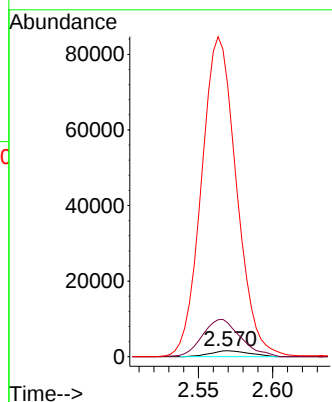
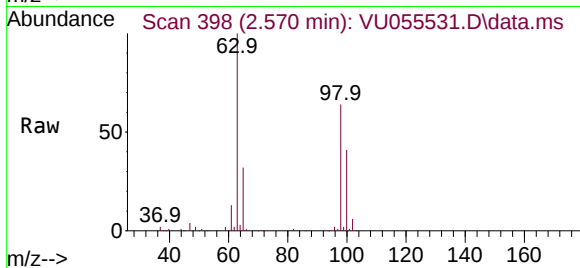
Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 96 Resp: 2875

Ion	Ratio	Lower	Upper
96	100		
61	576.6	114.5	212.7#
63	4603.9	98.3	182.5#



#14

Carbon disulfide

Concen: 0.219 ug/L

RT: 2.791 min Scan# 467

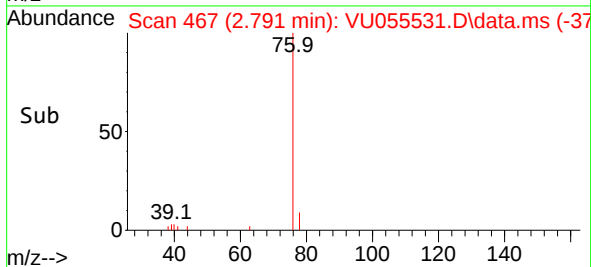
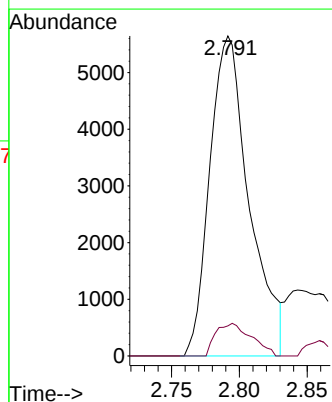
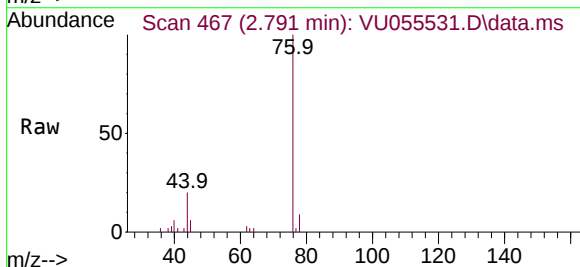
Delta R.T. -0.000 min

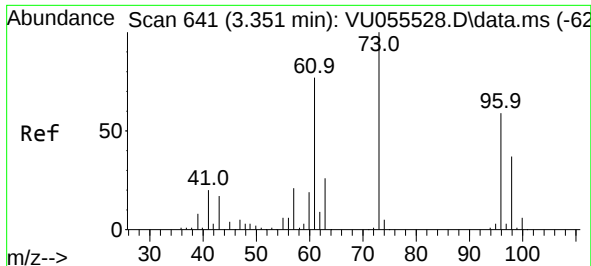
Lab File: VU055531.D

Acq: 26 Sep 2023 21:53

Tgt Ion: 76 Resp: 11410

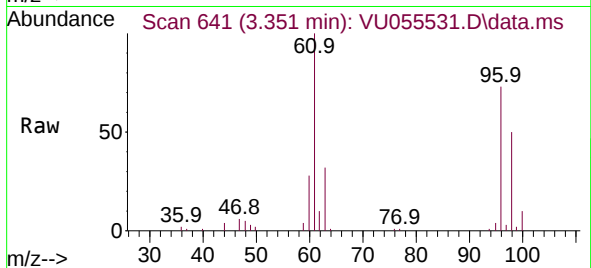
Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.7	11.5



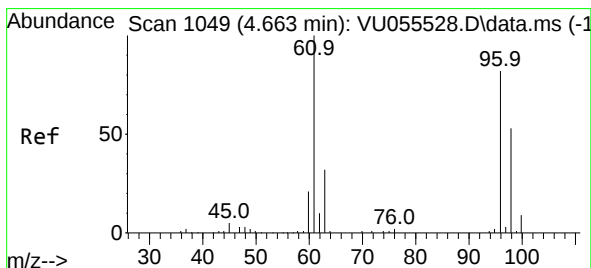
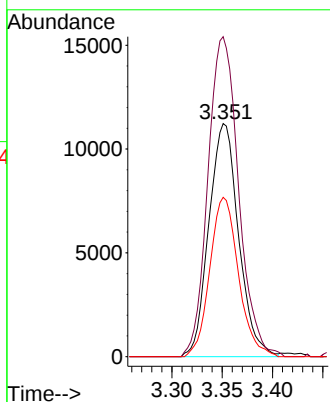
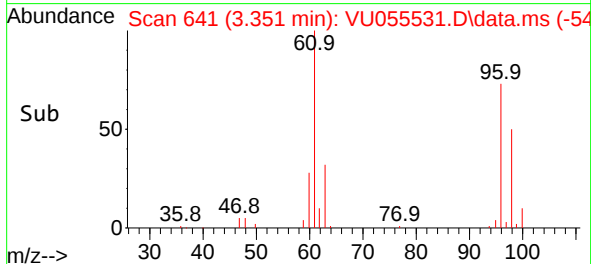


#18
trans-1,2-Dichloroethene
Concen: 1.319 ug/L
RT: 3.351 min Scan# 641
Delta R.T. -0.000 min
Lab File: VU055531.D
Acq: 26 Sep 2023 21:53

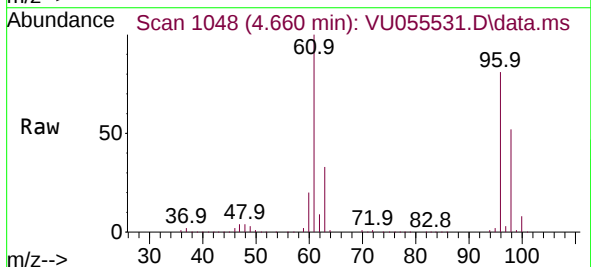
Instrument :
MSVOA_U
ClientSampleId :



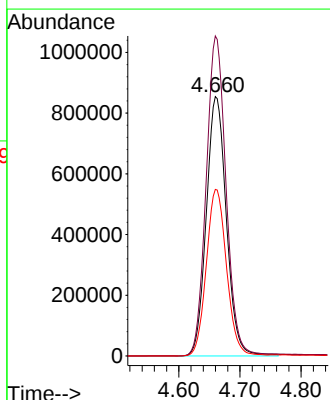
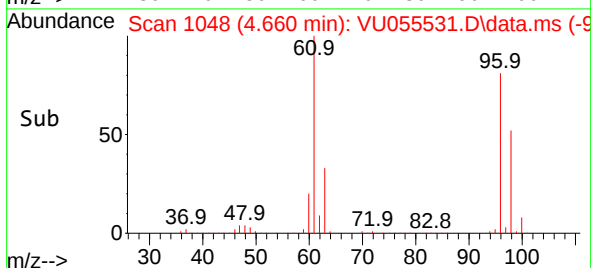
Tgt Ion:	96	Resp:	23072
Ion	Ratio	Lower	Upper
96	100		
61	137.3	94.6	175.6
98	68.4	45.7	84.9

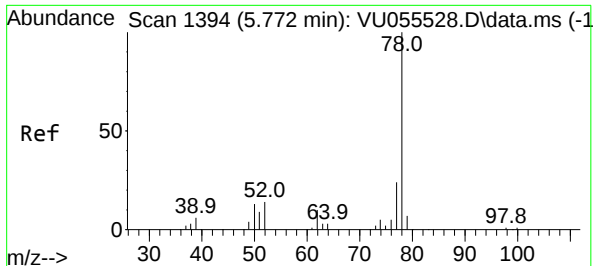


#22
cis-1,2-Dichloroethene
Concen: 96.180 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. -0.003 min
Lab File: VU055531.D
Acq: 26 Sep 2023 21:53



Tgt Ion:	96	Resp:	1950407
Ion	Ratio	Lower	Upper
96	100		
61	123.4	87.8	163.2
98	64.2	44.4	82.4

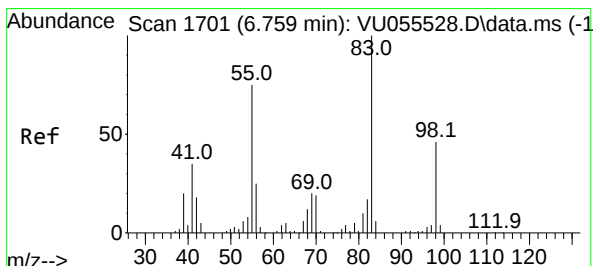
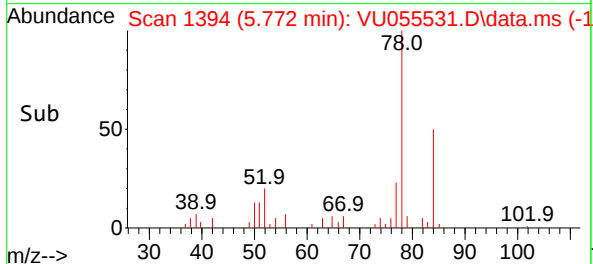
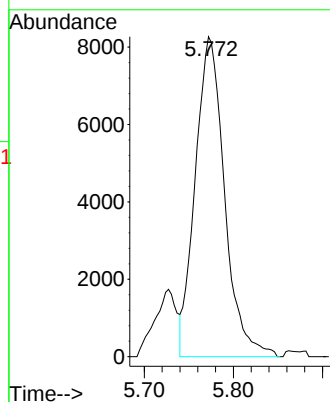
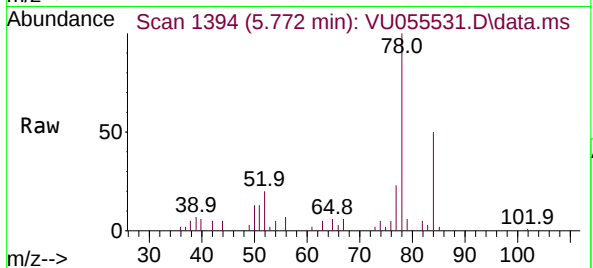




#33
Benzene
Concen: 0.258 ug/L
RT: 5.772 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU055531.D
Acq: 26 Sep 2023 21:53

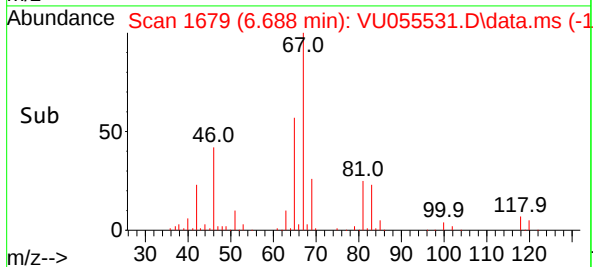
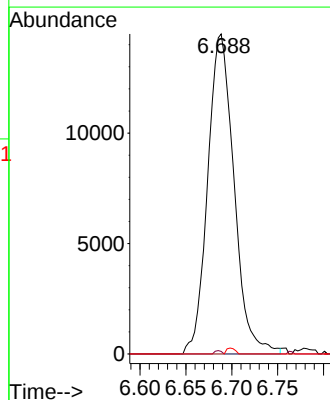
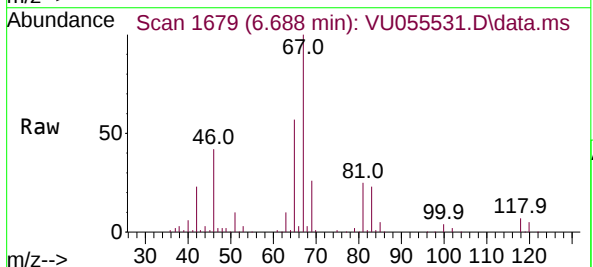
Instrument :
MSVOA_U
ClientSampleId :

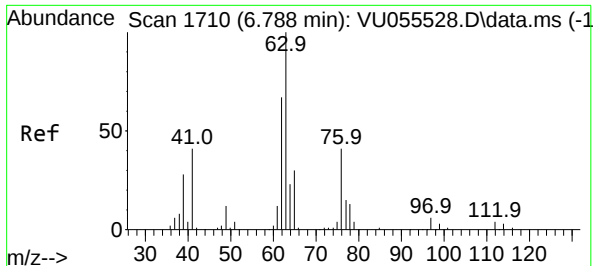
Tgt Ion: 78 Resp: 18859



#35
Methylcyclohexane
Concen: 0.969 ug/L
RT: 6.688 min Scan# 1679
Delta R.T. -0.071 min
Lab File: VU055531.D
Acq: 26 Sep 2023 21:53

Tgt Ion: 83 Resp: 28911
Ion Ratio Lower Upper
83 100
55 0.3 59.1 88.7#
98 0.6 36.3 54.5#





#37

1,2-Dichloropropane

Concen: 0.664 ug/L

RT: 6.688 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU055531.D

Acq: 26 Sep 2023 21:53

Instrument :

MSVOA_U

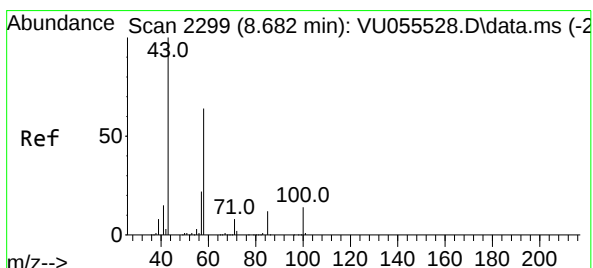
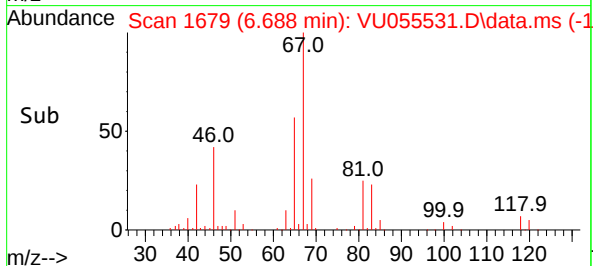
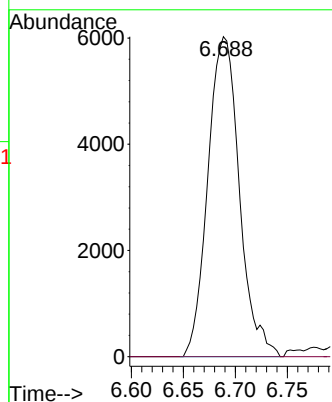
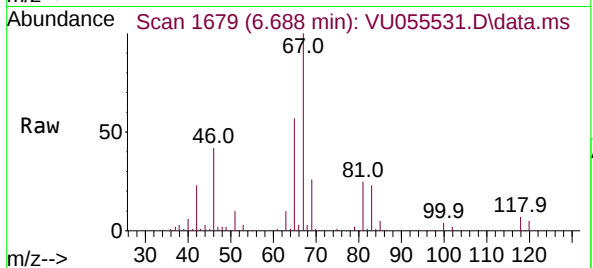
ClientSampleId :

Tgt Ion: 63 Resp: 12713

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.6#



#48

2-Hexanone

Concen: 3.420 ug/L

RT: 8.682 min Scan# 2299

Delta R.T. -0.000 min

Lab File: VU055531.D

Acq: 26 Sep 2023 21:53

Tgt Ion: 43 Resp: 23019

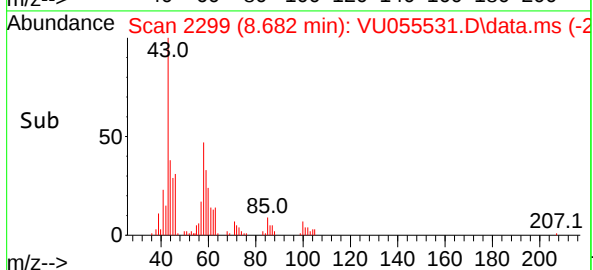
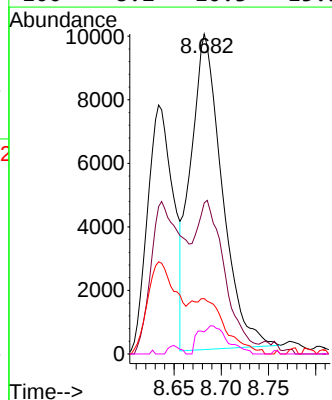
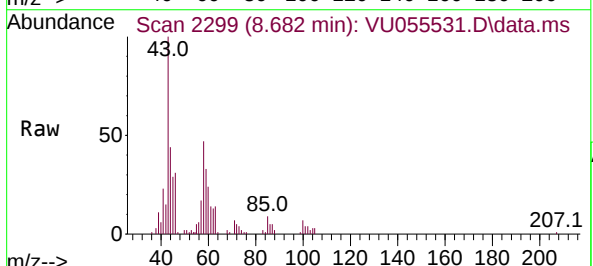
Ion Ratio Lower Upper

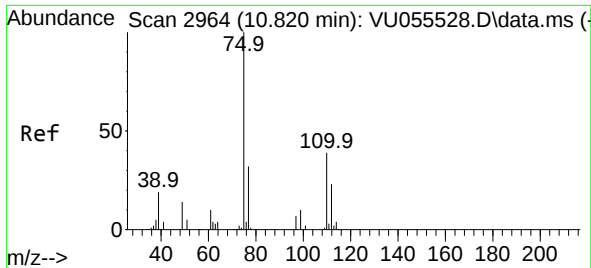
43 100

58 42.8 48.5 72.7#

57 0.0 17.0 25.4#

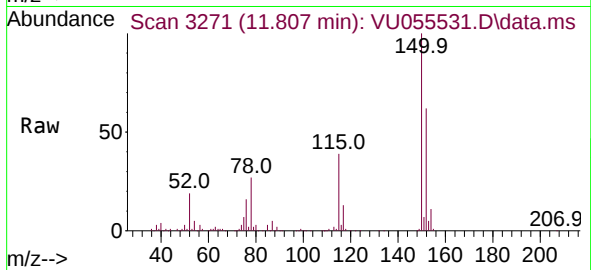
100 8.2 10.3 15.5#





#61
 1,2,3-Trichloropropane
 Concen: 1.462 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU055531.D
 Acq: 26 Sep 2023 21:53

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 14672
 Ion Ratio Lower Upper
 75 100
 110 1.3 30.6 45.8#
 77 32.5 26.7 40.1

