

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092623\
 Data File : VU055532.D
 Acq On : 26 Sep 2023 22:17
 Operator : MD/SY
 Sample : 04530-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 27 06:35:43 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)

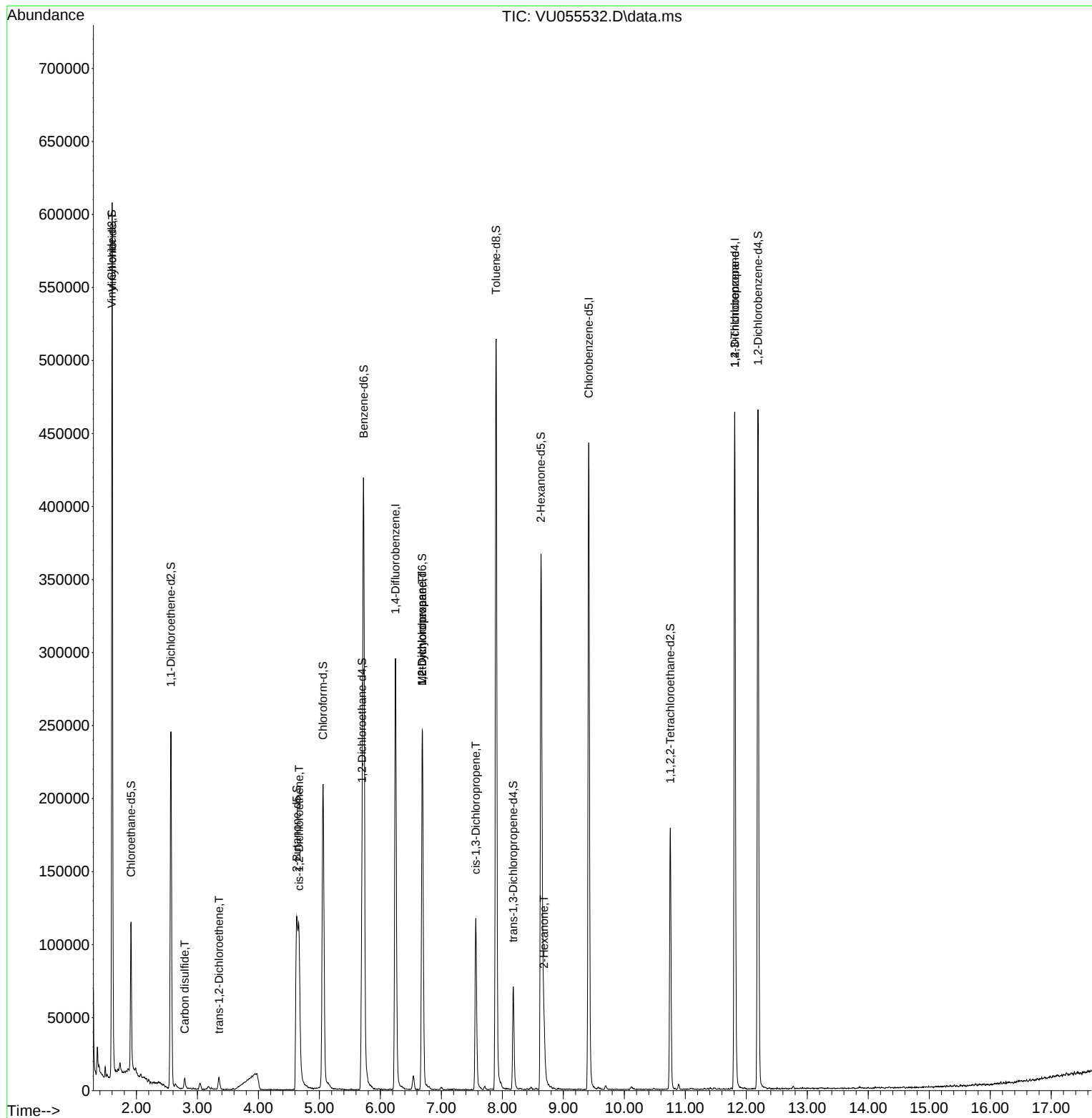
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	252302	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	262339	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	131461	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	105177	4.125	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	82.400%	
7) Chloroethane-d5	1.911	69	71393	3.177	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	63.600%#	
11) 1,1-Dichloroethene-d2	2.563	65	45861	4.369	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	87.400%	
20) 2-Butanone-d5	4.628	46	196007	42.556	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	85.120%	
24) Chloroform-d	5.059	84	202634	4.393	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.800%	
26) 1,2-Dichloroethane-d4	5.698	65	95574	4.308	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	86.200%	
32) Benzene-d6	5.724	84	420197	4.579	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.600%	
36) 1,2-Dichloropropane-d6	6.686	67	128321	4.680	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	93.600%	
41) Toluene-d8	7.898	98	365659	4.372	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.400%	
43) trans-1,3-Dichloroprop...	8.177	79	43587	4.530	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	90.600%	
46) 2-Hexanone-d5	8.631	63	119467	40.822	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	81.640%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	92125	4.484	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	89.600%	
66) 1,2-Dichlorobenzene-d4	12.190	152	130714	4.926	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	98.600%	
Target Compounds						Qvalue
5) Vinyl chloride	1.602	62	346260	14.853	ug/L	98
14) Carbon disulfide	2.792	76	9683	0.183	ug/L	98
18) trans-1,2-Dichloroethene	3.354	96	3709	0.209	ug/L	92
22) cis-1,2-Dichloroethene	4.666	96	43839	2.127	ug/L	97
35) Methylcyclohexane	6.686	83	30607	0.995	ug/L #	20
37) 1,2-Dichloropropane	6.686	63	12924	0.654	ug/L #	89
39) cis-1,3-Dichloropropene	7.563	75	3170	0.120	ug/L #	40
48) 2-Hexanone	8.682	43	22633	3.260	ug/L #	84
61) 1,2,3-Trichloropropane	11.811	75	15289	1.490	ug/L #	68

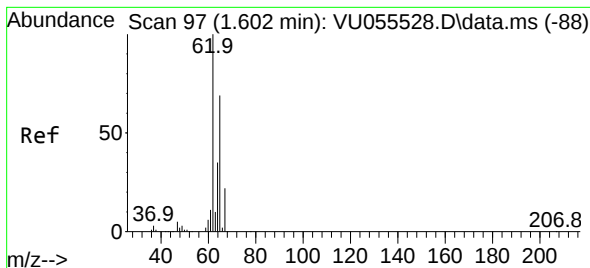
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 14.853 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.000 min

Lab File: VU055532.D

Acq: 26 Sep 2023 22:17

Instrument :

MSVOA_U

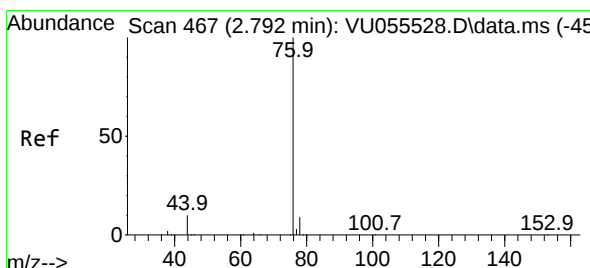
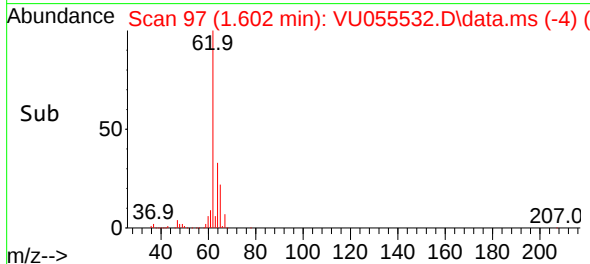
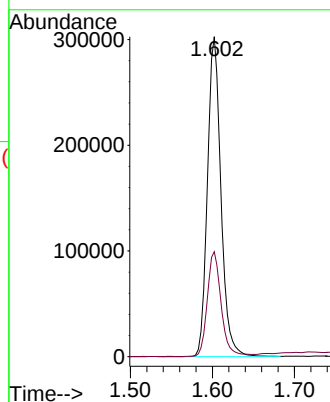
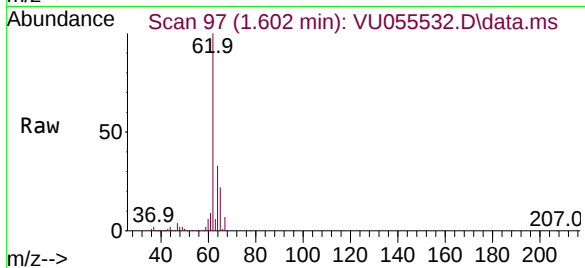
ClientSampleId :

Tgt Ion: 62 Resp: 346260

Ion Ratio Lower Upper

62 100

64 32.8 22.3 41.5



#14

Carbon disulfide

Concen: 0.183 ug/L

RT: 2.792 min Scan# 467

Delta R.T. 0.000 min

Lab File: VU055532.D

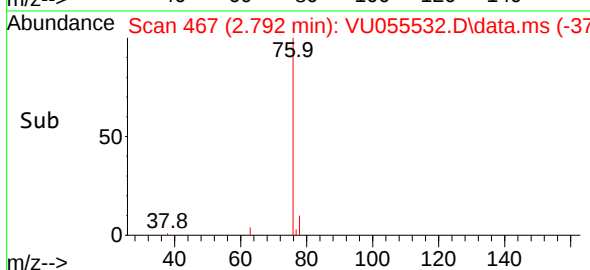
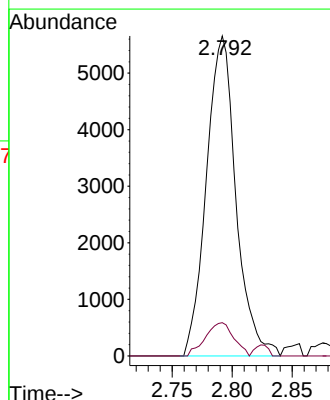
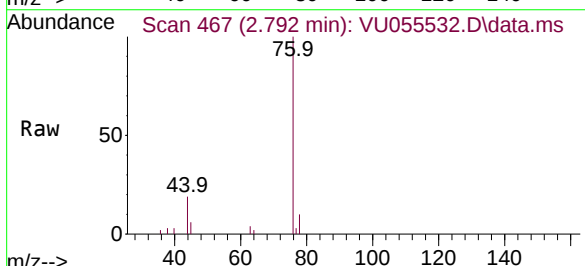
Acq: 26 Sep 2023 22:17

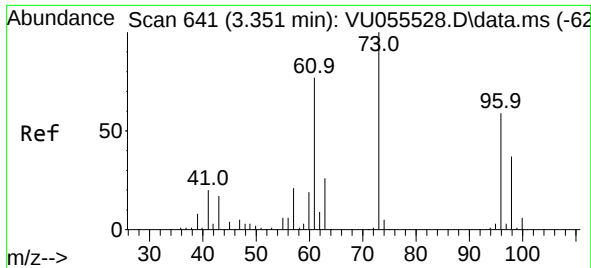
Tgt Ion: 76 Resp: 9683

Ion Ratio Lower Upper

76 100

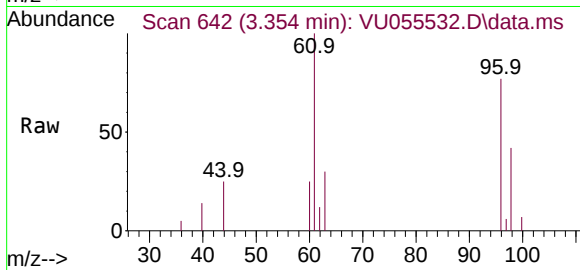
78 10.4 7.7 11.5





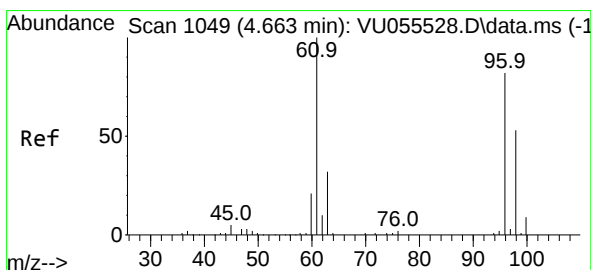
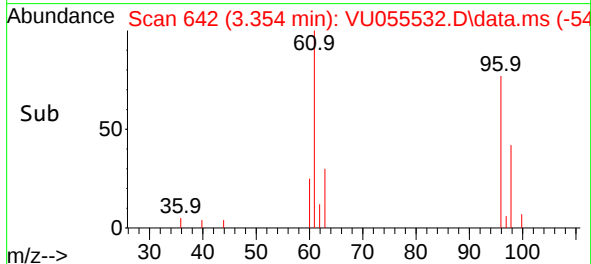
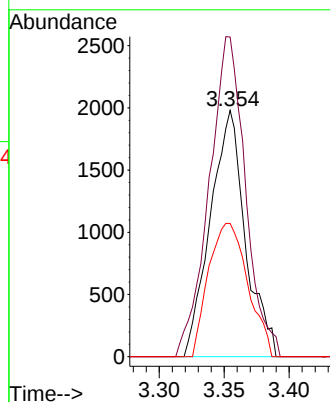
#18
trans-1,2-Dichloroethene
Concen: 0.209 ug/L
RT: 3.354 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU055532.D
Acq: 26 Sep 2023 22:17

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 96 Resp: 3709

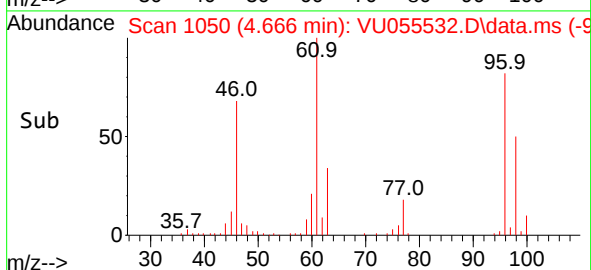
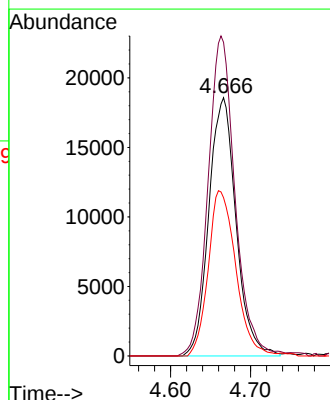
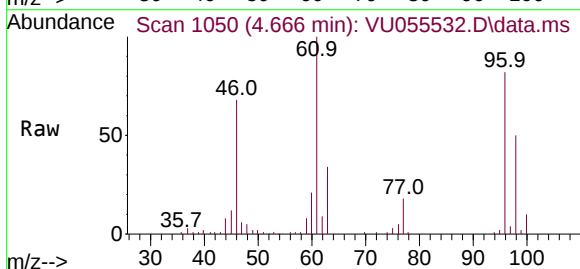
Ion	Ratio	Lower	Upper
96	100		
61	129.8	94.6	175.6
98	54.1	45.7	84.9

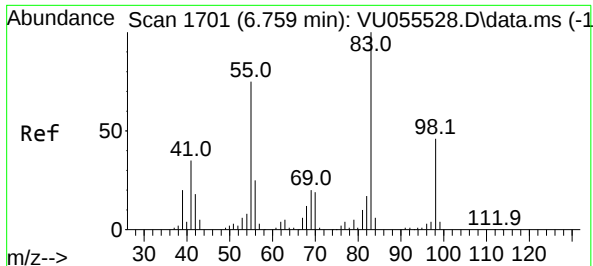


#22
cis-1,2-Dichloroethene
Concen: 2.127 ug/L
RT: 4.666 min Scan# 1050
Delta R.T. 0.003 min
Lab File: VU055532.D
Acq: 26 Sep 2023 22:17

Tgt Ion: 96 Resp: 43839

Ion	Ratio	Lower	Upper
96	100		
61	121.4	87.8	163.2
98	61.3	44.4	82.4





#35

Methylcyclohexane

Concen: 0.995 ug/L

RT: 6.686 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU055532.D

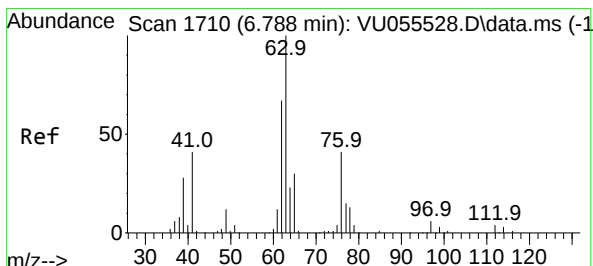
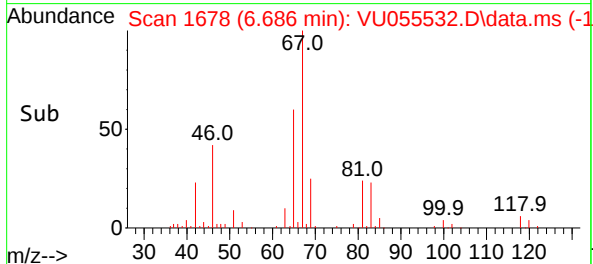
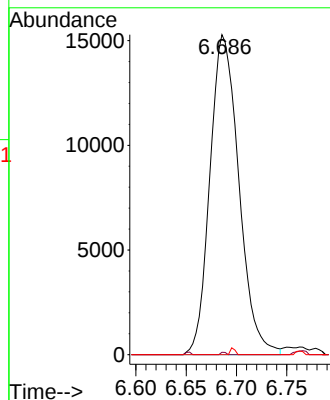
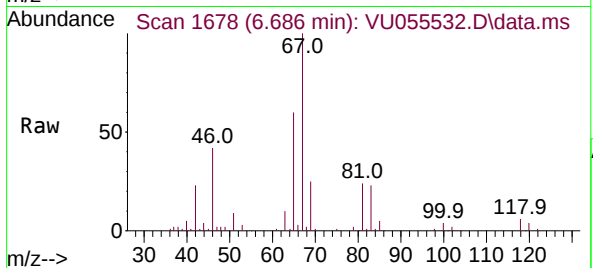
Acq: 26 Sep 2023 22:17

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp:	30607
Ion Ratio	Lower	Upper
83	100	
55	0.1	59.1 88.7#
98	0.3	36.3 54.5#



#37

1,2-Dichloropropane

Concen: 0.654 ug/L

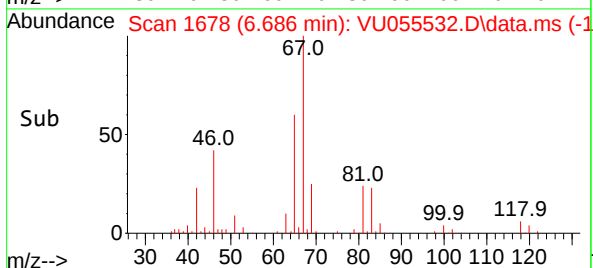
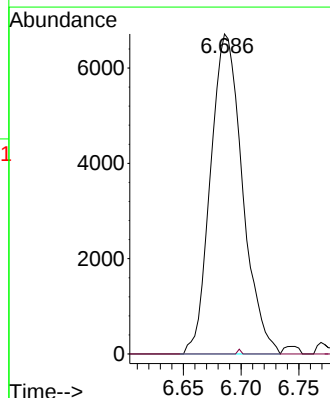
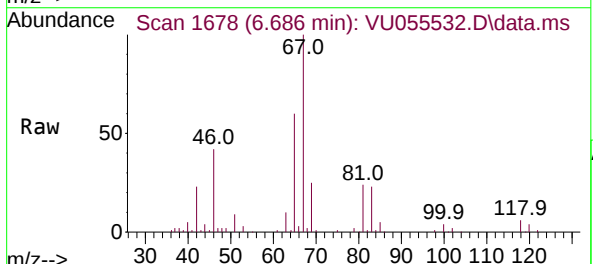
RT: 6.686 min Scan# 1678

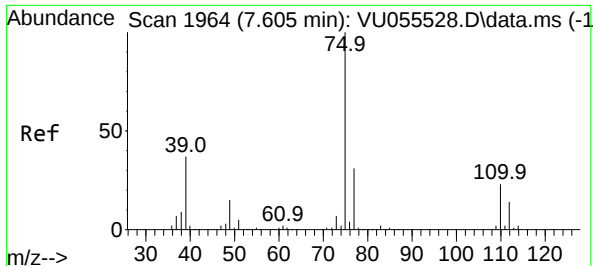
Delta R.T. -0.103 min

Lab File: VU055532.D

Acq: 26 Sep 2023 22:17

Tgt Ion: 63	Resp:	12924
Ion Ratio	Lower	Upper
63	100	
112	0.1	3.0 4.6#





#39

cis-1,3-Dichloropropene

Concen: 0.120 ug/L

RT: 7.563 min Scan# 1964

Delta R.T. -0.042 min

Lab File: VU055532.D

Acq: 26 Sep 2023 22:17

Instrument :

MSVOA_U

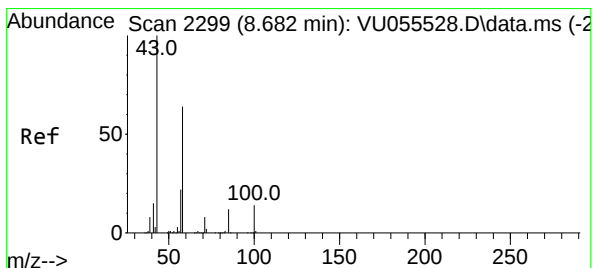
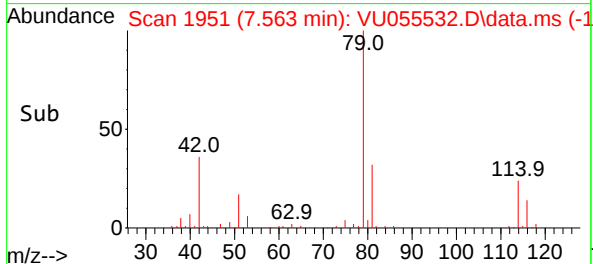
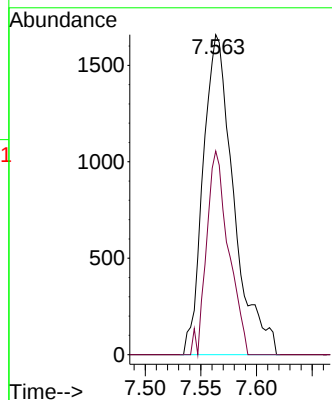
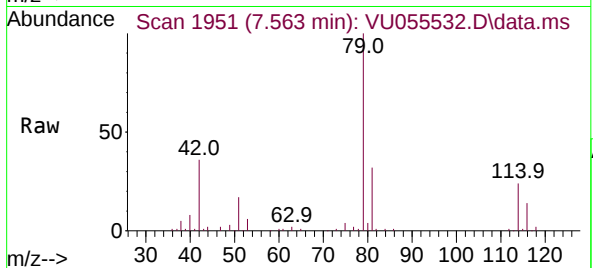
ClientSampleId :

Tgt Ion: 75 Resp: 3170

Ion Ratio Lower Upper

75 100

77 63.7 21.6 40.2#



#48

2-Hexanone

Concen: 3.260 ug/L

RT: 8.682 min Scan# 2299

Delta R.T. 0.000 min

Lab File: VU055532.D

Acq: 26 Sep 2023 22:17

Tgt Ion: 43 Resp: 22633

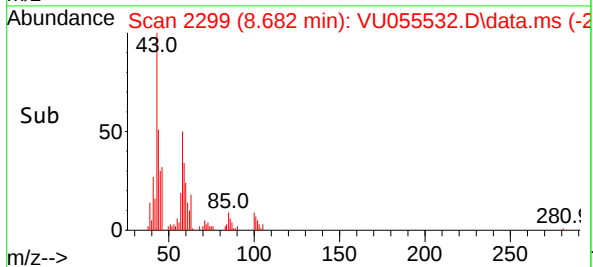
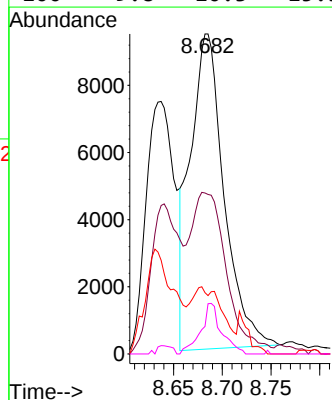
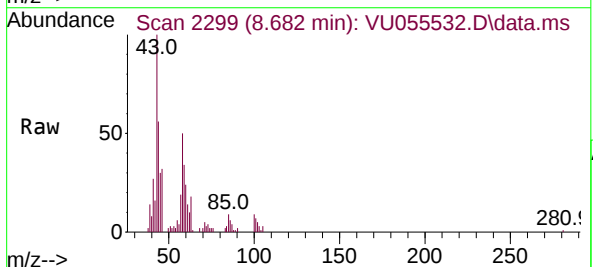
Ion Ratio Lower Upper

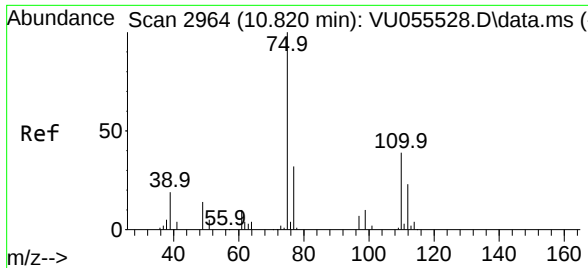
43 100

58 53.2 48.5 72.7

57 2.7 17.0 25.4#

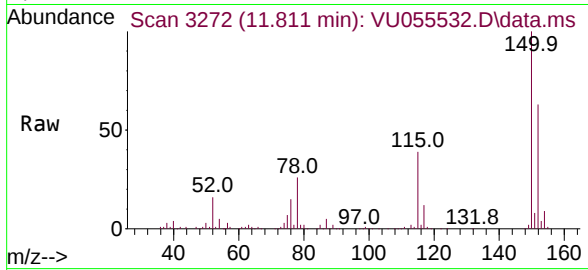
100 9.8 10.3 15.5#





#61
 1,2,3-Trichloropropane
 Concen: 1.490 ug/L
 RT: 11.811 min Scan# 31
 Delta R.T. 0.991 min
 Lab File: VU055532.D
 Acq: 26 Sep 2023 22:17

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	75	Resp:	15289
Ion	Ratio	Lower	Upper
75	100		
110	2.4	30.6	45.8#
77	32.3	26.7	40.1

