

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092523\
 Data File : VU055499.D
 Acq On : 25 Sep 2023 16:47
 Operator : MD/SY
 Sample : 04579-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 26 01:23:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Sep 25 01:08:17 2023
 Response via : Initial Calibration

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

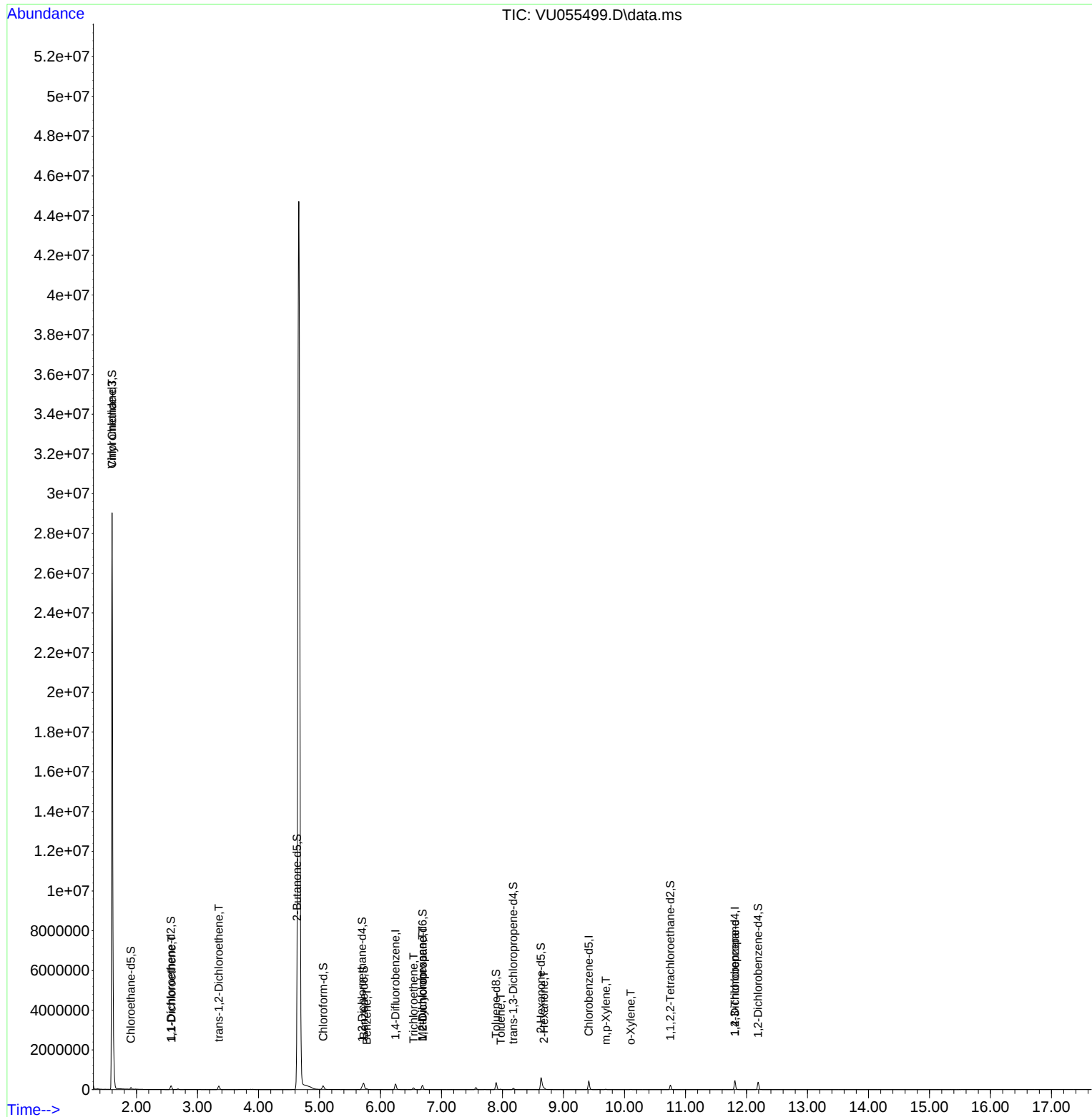
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	241075	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	247859	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	124829	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	243325	9.986	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	199.800%#	
7) Chloroethane-d5	1.907	69	58820	2.739	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	54.800%#	
11) 1,1-Dichloroethene-d2	2.563	65	28495	2.841	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	56.800%#	
20) 2-Butanone-d5	4.631	46	343569	78.067	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	156.140%#	
24) Chloroform-d	5.058	84	169045	3.836	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	76.800%	
26) 1,2-Dichloroethane-d4	5.698	65	97146	4.583	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.600%	
32) Benzene-d6	5.724	84	306758	3.538	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	70.800%	
36) 1,2-Dichloropropane-d6	6.689	67	107015	4.131	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	82.600%	
41) Toluene-d8	7.894	98	250241	3.167	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	63.400%#	
43) trans-1,3-Dichloroprop...	8.177	79	41088	4.520	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	90.400%	
46) 2-Hexanone-d5	8.631	63	197124	71.292	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	142.580%#	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	115878	5.969	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	119.400%	
66) 1,2-Dichlorobenzene-d4	12.190	152	103805	4.120	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	82.400%	
Target Compounds						Qvalue
3) Chloromethane	1.599	50	136032	6.589	ug/L #	43
12) 1,1-Dichloroethene	2.576	96	24486	1.453	ug/L #	63
18) trans-1,2-Dichloroethene	3.348	96	79279	4.667	ug/L	98
33) Benzene	5.775	78	33633	0.471	ug/L	100
34) Trichloroethene	6.541	95	30400	1.507	ug/L	98
35) Methylcyclohexane	6.685	83	25229	0.868	ug/L #	20
37) 1,2-Dichloropropane	6.689	63	10997	0.589	ug/L #	88
42) Toluene	7.972	91	14114	0.185	ug/L	96
48) 2-Hexanone	8.682	43	40486	6.173	ug/L #	84
53) m,p-Xylene	9.695	106	5091	0.167	ug/L	82
54) o-Xylene	10.103	106	4296	0.145	ug/L	90
61) 1,2,3-Trichloropropane	11.811	75	14702	1.509	ug/L #	68

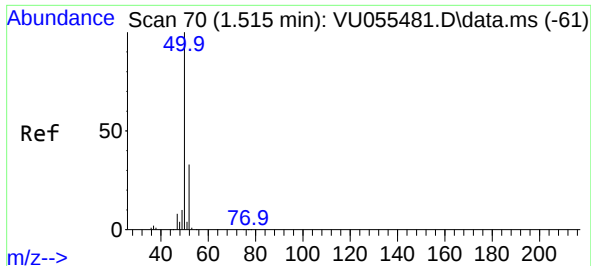
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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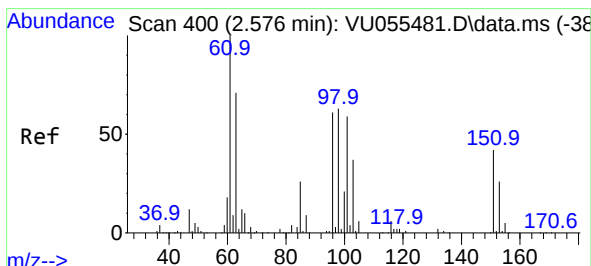
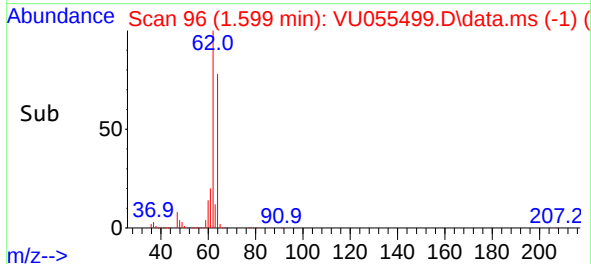
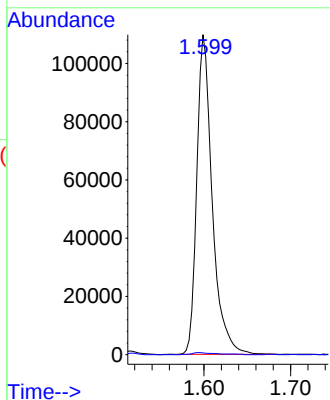
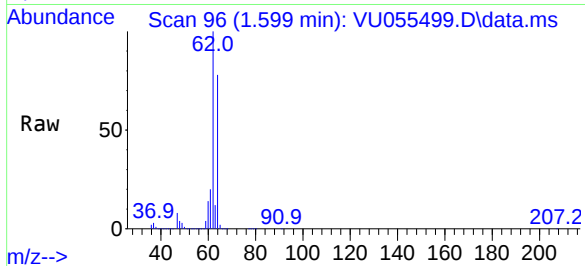




#3
Chloromethane
Concen: 6.589 ug/L
RT: 1.599 min Scan# 90
Delta R.T. 0.084 min
Lab File: VU055499.D
Acq: 25 Sep 2023 16:47

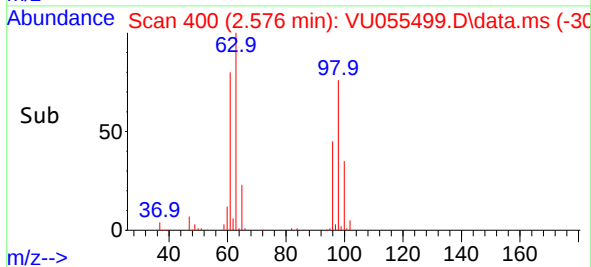
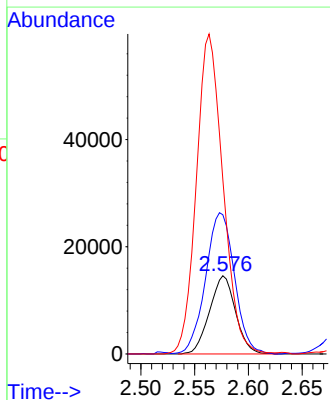
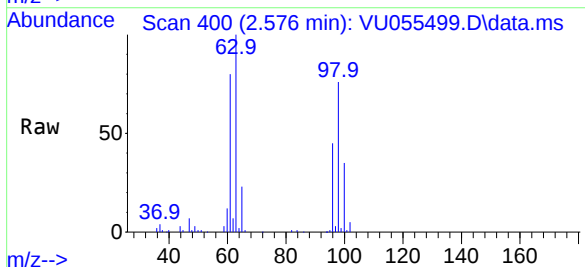
Instrument :
MSVOA_U
ClientSampleId :

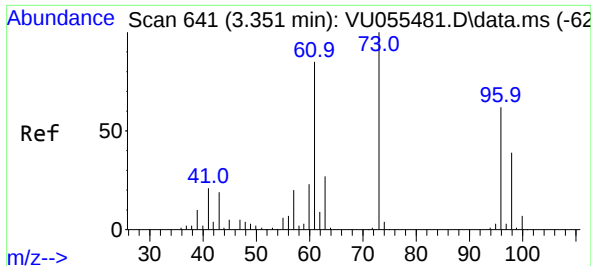
Tgt Ion: 50 Resp: 136032
Ion Ratio Lower Upper
50 100
52 0.5 22.9 42.5#



#12
1,1-Dichloroethene
Concen: 1.453 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU055499.D
Acq: 25 Sep 2023 16:47

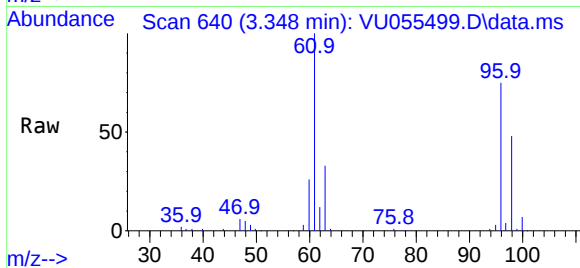
Tgt Ion: 96 Resp: 24486
Ion Ratio Lower Upper
96 100
61 177.8 114.5 212.7
63 222.8 98.3 182.5#



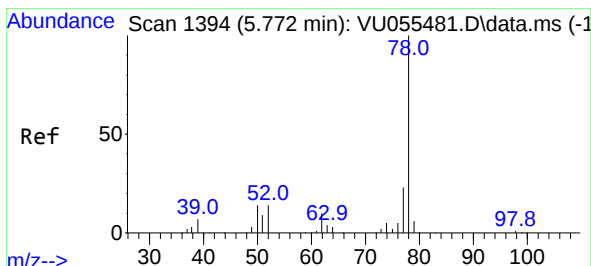
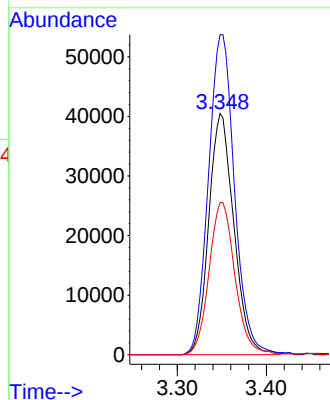
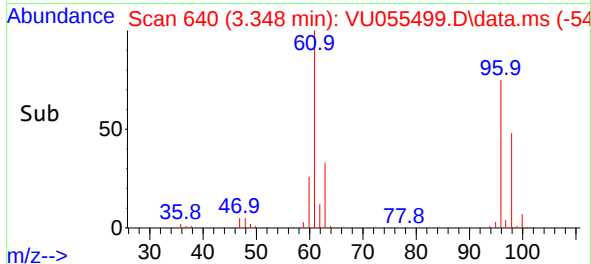


#18
trans-1,2-Dichloroethene
Concen: 4.667 ug/L
RT: 3.348 min Scan# 641
Delta R.T. 0.000 min
Lab File: VU055499.D
Acq: 25 Sep 2023 16:47

Instrument :
MSVOA_U
ClientSampleId :

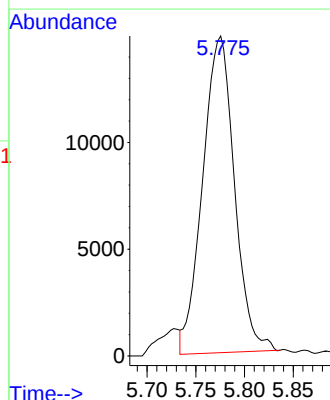
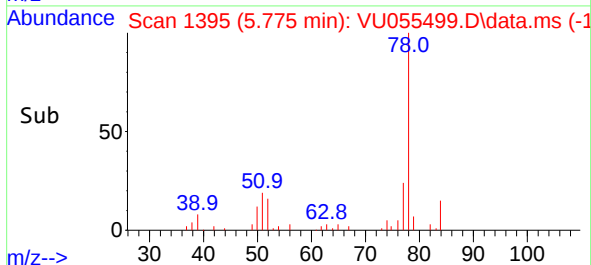
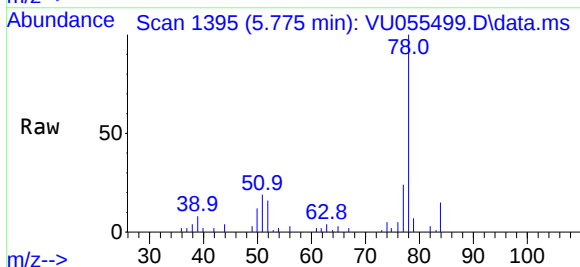


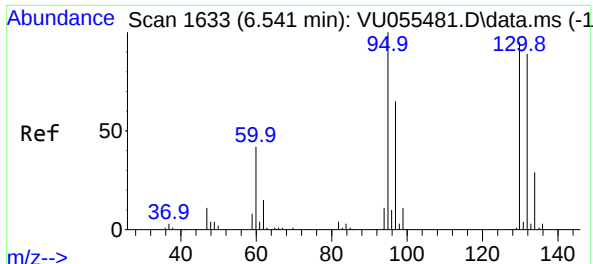
Tgt Ion: 96 Resp: 79279
Ion Ratio Lower Upper
96 100
61 132.7 94.6 175.6
98 63.1 45.7 84.9



#33
Benzene
Concen: 0.471 ug/L
RT: 5.775 min Scan# 1395
Delta R.T. 0.007 min
Lab File: VU055499.D
Acq: 25 Sep 2023 16:47

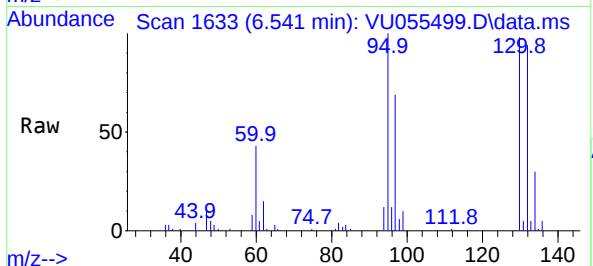
Tgt Ion: 78 Resp: 33633



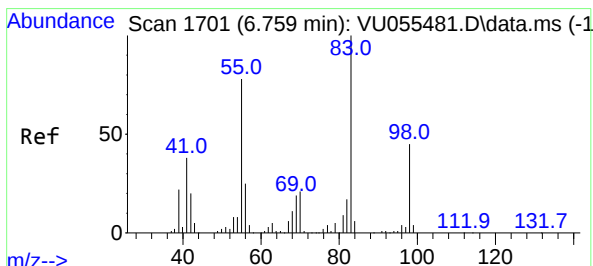
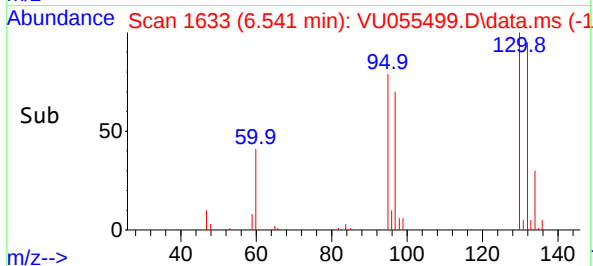
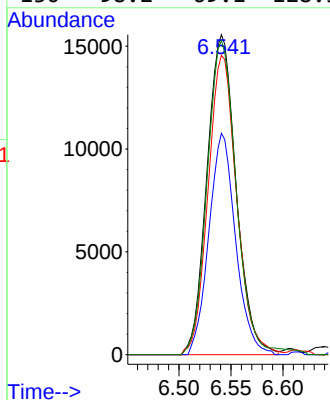


#34
Trichloroethene
Concen: 1.507 ug/L
RT: 6.541 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU055499.D
Acq: 25 Sep 2023 16:47

Instrument :
MSVOA_U
ClientSampleId :

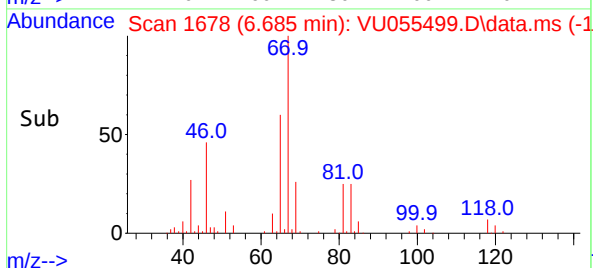
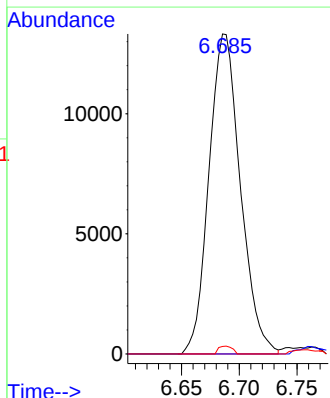
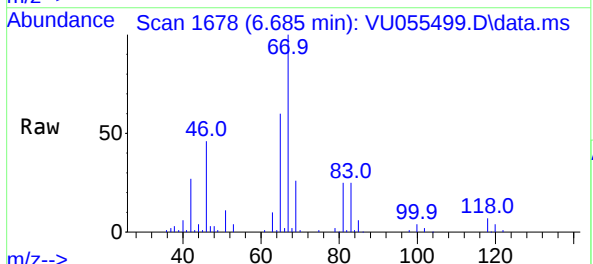


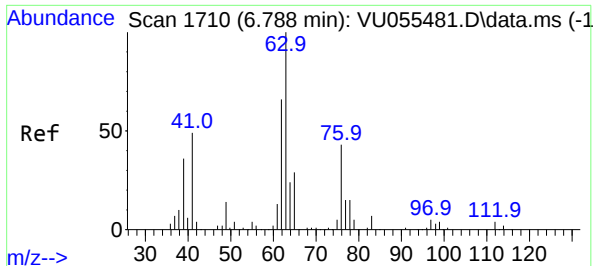
Tgt Ion: 95 Resp: 30400
Ion Ratio Lower Upper
95 100
97 69.2 45.4 84.2
132 93.5 65.2 121.2
130 98.2 69.1 128.3



#35
Methylcyclohexane
Concen: 0.868 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU055499.D
Acq: 25 Sep 2023 16:47

Tgt Ion: 83 Resp: 25229
Ion Ratio Lower Upper
83 100
55 0.0 59.1 88.7#
98 1.1 36.3 54.5#

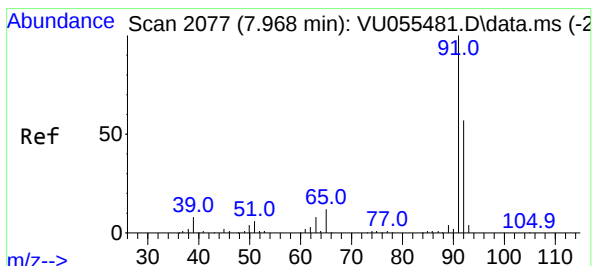
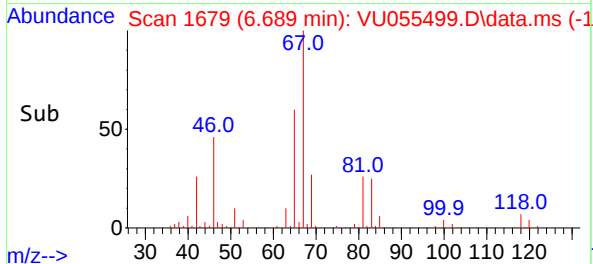
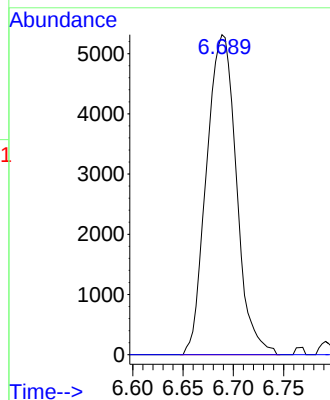
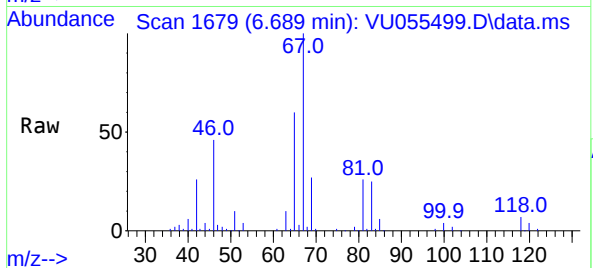




#37
1,2-Dichloropropane
Concen: 0.589 ug/L
RT: 6.689 min Scan# 1
Delta R.T. -0.099 min
Lab File: VU055499.D
Acq: 25 Sep 2023 16:47

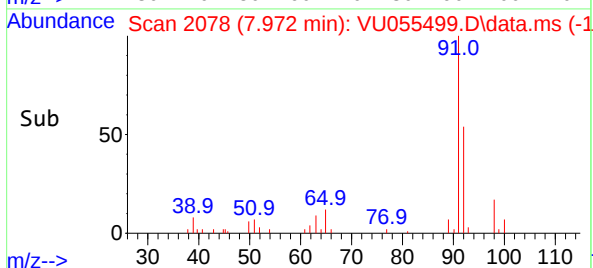
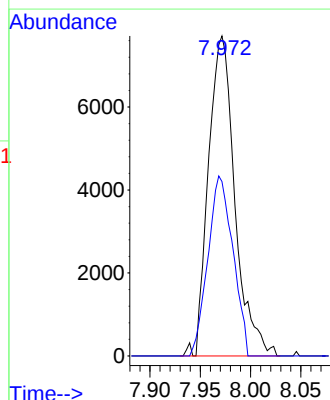
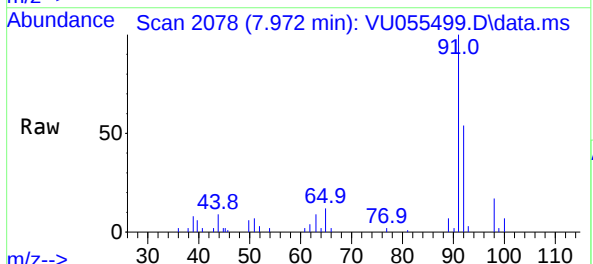
Instrument :
MSVOA_U
ClientSampleId :

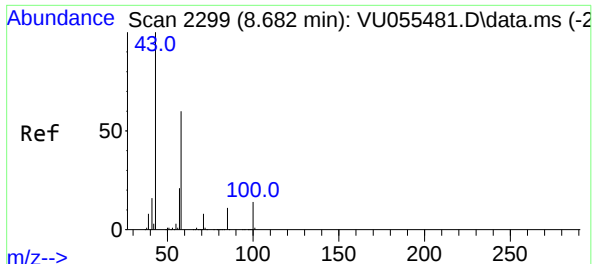
Tgt Ion: 63 Resp: 10997
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.6#



#42
Toluene
Concen: 0.185 ug/L
RT: 7.972 min Scan# 2078
Delta R.T. 0.007 min
Lab File: VU055499.D
Acq: 25 Sep 2023 16:47

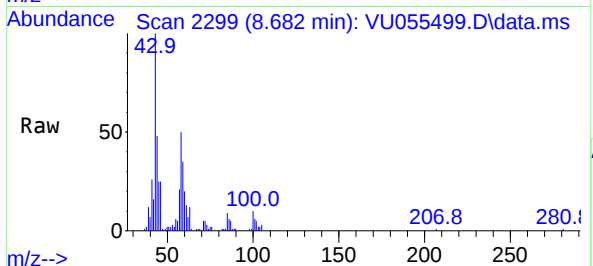
Tgt Ion: 91 Resp: 14114
Ion Ratio Lower Upper
91 100
92 54.5 40.3 74.8





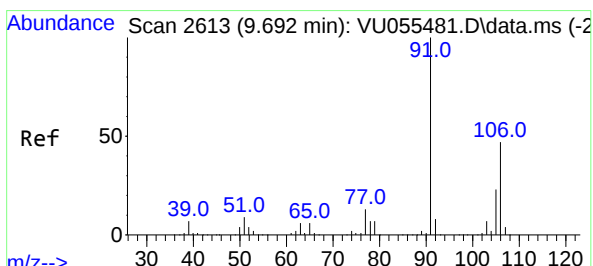
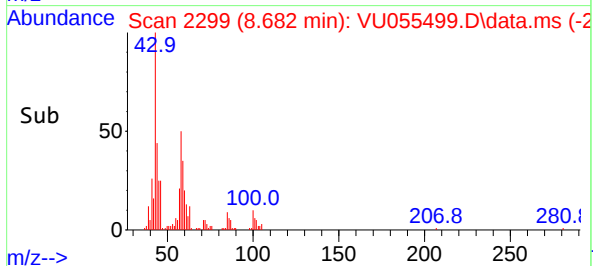
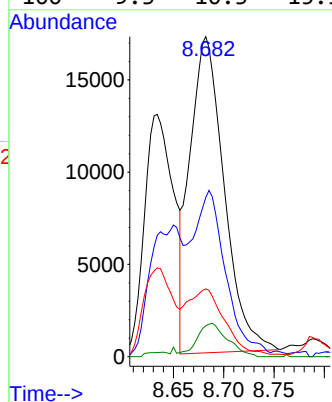
#48
2-Hexanone
Concen: 6.173 ug/L
RT: 8.682 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU055499.D
Acq: 25 Sep 2023 16:47

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 43 Resp: 40486

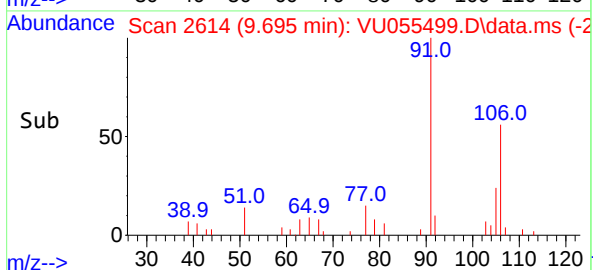
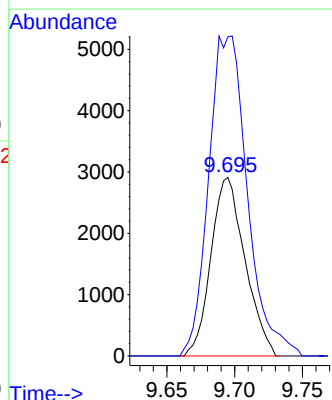
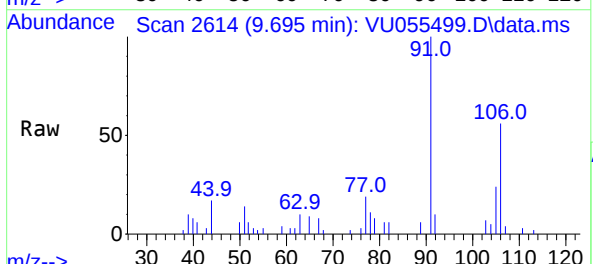
Ion	Ratio	Lower	Upper
43	100		
58	44.1	48.5	72.7#
57	22.8	17.0	25.4
100	9.3	10.3	15.5#

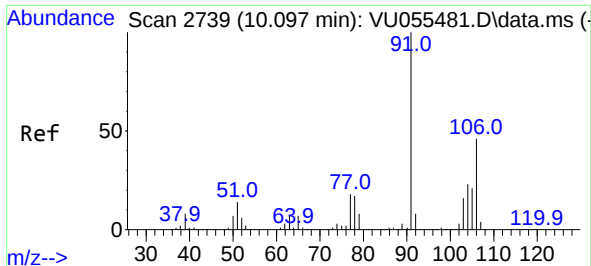


#53
m,p-Xylene
Concen: 0.167 ug/L
RT: 9.695 min Scan# 2614
Delta R.T. 0.003 min
Lab File: VU055499.D
Acq: 25 Sep 2023 16:47

Tgt Ion: 106 Resp: 5091

Ion	Ratio	Lower	Upper
106	100		
91	178.8	144.8	269.0

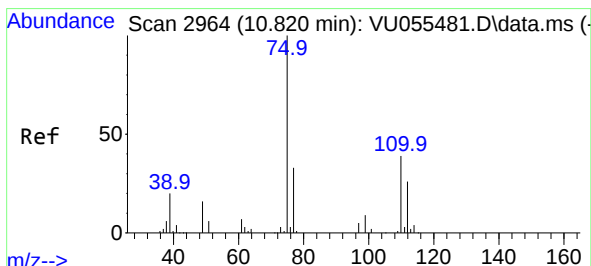
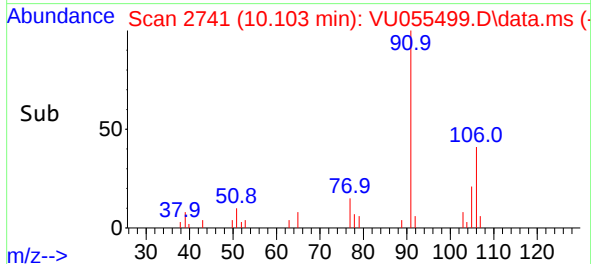
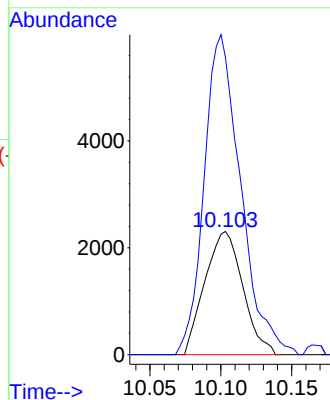
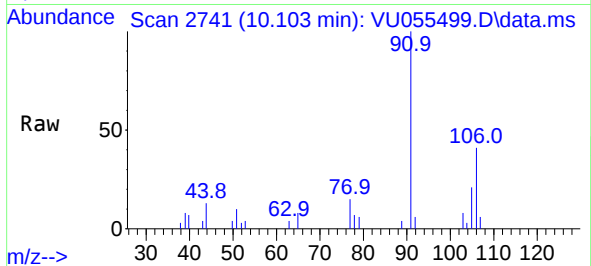




#54
o-Xylene
Concen: 0.145 ug/L
RT: 10.103 min Scan# 21
Delta R.T. 0.007 min
Lab File: VU055499.D
Acq: 25 Sep 2023 16:47

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:106 Resp: 4296
Ion Ratio Lower Upper
106 100
91 241.3 157.6 292.8



#61
1,2,3-Trichloropropane
Concen: 1.509 ug/L
RT: 11.811 min Scan# 3272
Delta R.T. 0.990 min
Lab File: VU055499.D
Acq: 25 Sep 2023 16:47

Tgt Ion: 75 Resp: 14702
Ion Ratio Lower Upper
75 100
110 2.6 30.6 45.8#
77 32.6 26.7 40.1

