

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090623\
 Data File : VU055174.D
 Acq On : 07 Sep 2023 05:24
 Operator : MD/SY
 Sample : 04267-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 07 15:40:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 06 05:03:37 2023
 Response via : Initial Calibration

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

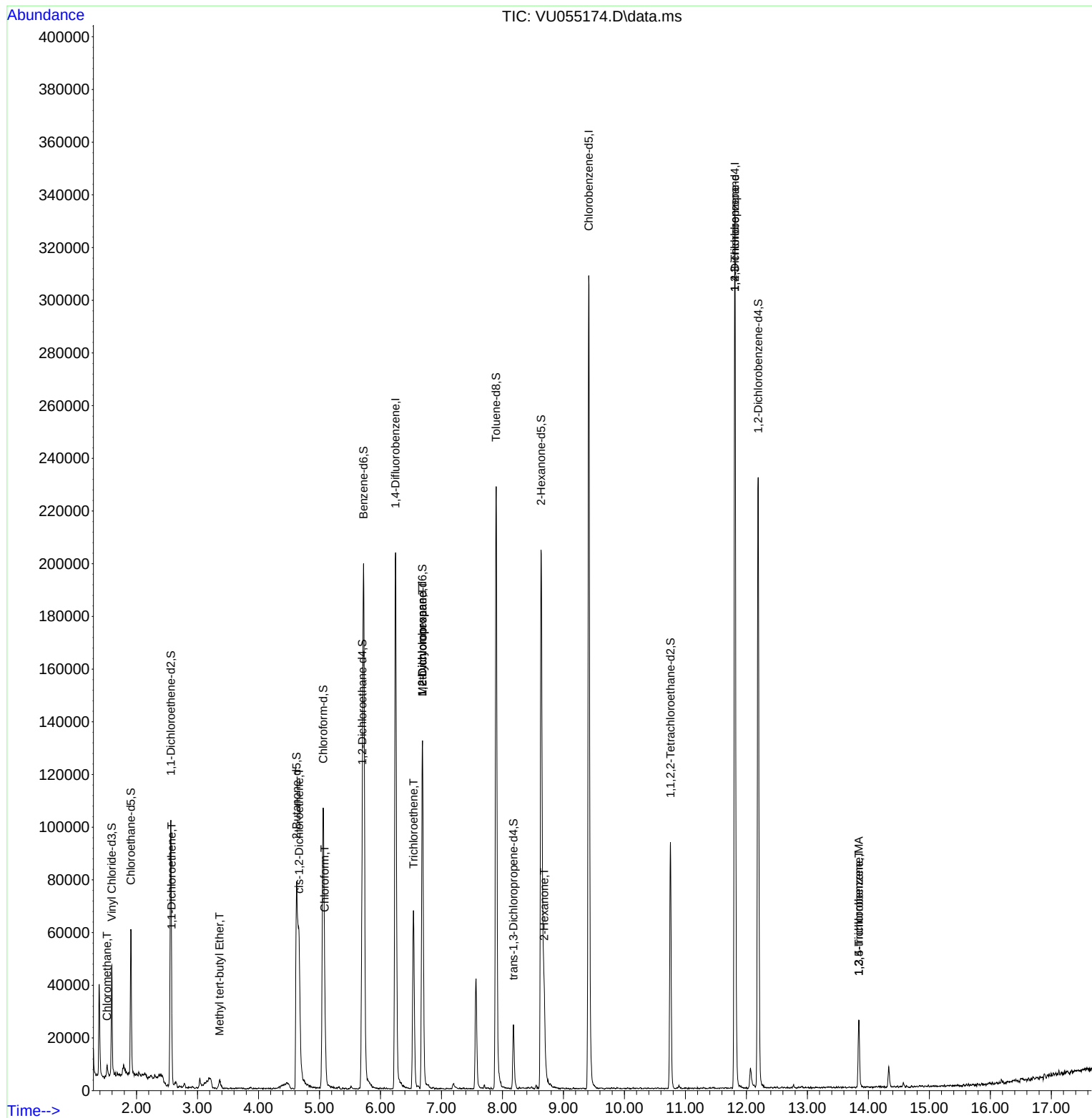
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	160148	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	165552	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	84731	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	29082	3.875	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.400%
7) Chloroethane-d5	1.907	69	37596	4.327	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.600%
11) 1,1-Dichloroethene-d2	2.563	65	18241	4.265	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.400%
20) 2-Butanone-d5	4.624	46	121491	55.777	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.560%
24) Chloroform-d	5.062	84	95548	4.797	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
26) 1,2-Dichloroethane-d4	5.701	65	51695	5.188	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.800%
32) Benzene-d6	5.724	84	184771	4.522	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
36) 1,2-Dichloropropane-d6	6.689	67	64601	4.970	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.400%
41) Toluene-d8	7.898	98	158762	4.217	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.400%
43) trans-1,3-Dichloroprop...	8.180	79	14294	3.993	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.800%
46) 2-Hexanone-d5	8.634	63	66450	45.728	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.460%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	47131	5.156	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.200%
66) 1,2-Dichlorobenzene-d4	12.193	152	58412	4.723	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.400%
Target Compounds						
3) Chloromethane	1.518	50	3264	0.345	ug/L	99
12) 1,1-Dichloroethene	2.576	96	2321	0.313	ug/L #	1
17) Methyl tert-butyl Ether	3.361	73	3388	0.174	ug/L #	74
22) cis-1,2-Dichloroethene	4.666	96	21577	2.347	ug/L	94
25) Chloroform	5.084	83	18981	1.123	ug/L	92
34) Trichloroethene	6.544	95	23213	2.371	ug/L	95
35) Methylcyclohexane	6.689	83	14884	1.083	ug/L #	19
37) 1,2-Dichloropropane	6.689	63	7214	0.752	ug/L #	90
48) 2-Hexanone	8.685	43	17835	4.161	ug/L #	86
61) 1,2,3-Trichloropropane	11.811	75	12376	2.201	ug/L #	69
69) 1,3,5-Trichlorobenzene	13.846	180	8272	0.577	ug/L	93
70) 1,2,4-trichlorobenzene	13.846	180	8272	0.615	ug/L	94

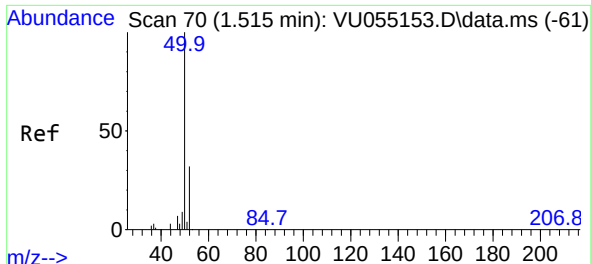
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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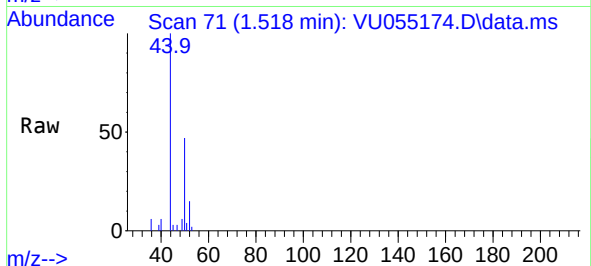
Quant Time: Sep 07 15:40:26 2023
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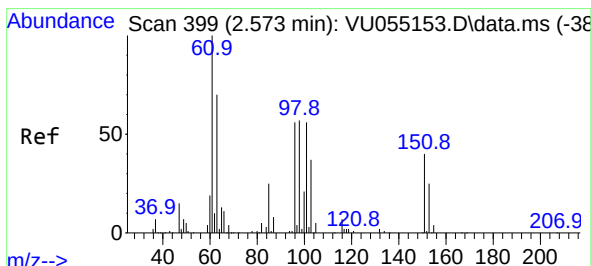
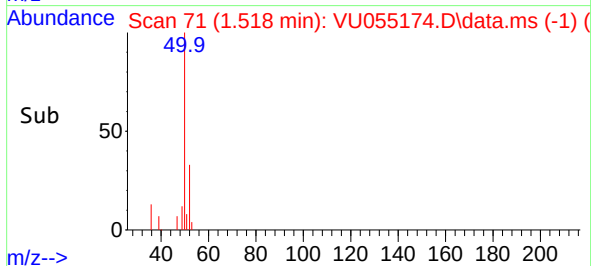
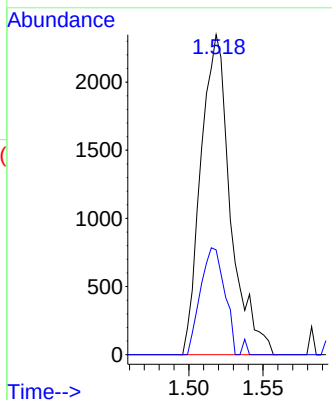


#3
Chloromethane
Concen: 0.345 ug/L
RT: 1.518 min Scan# 70
Delta R.T. 0.003 min
Lab File: VU055174.D
Acq: 07 Sep 2023 05:24

Instrument :
MSVOA_U
ClientSampleId :

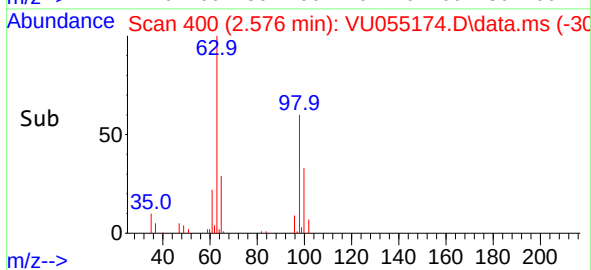
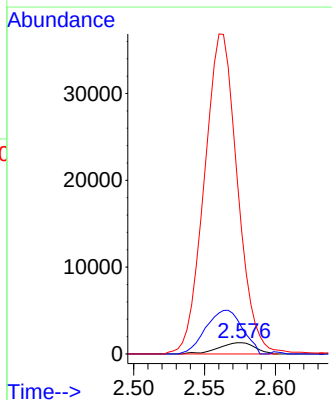
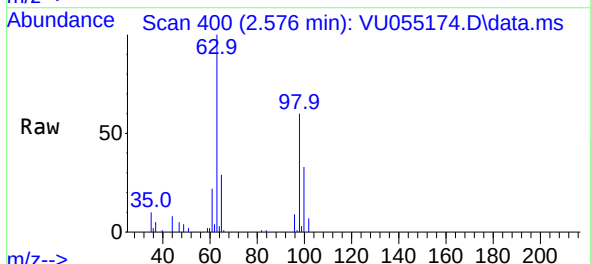


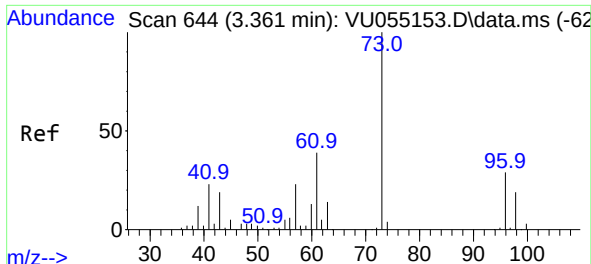
Tgt Ion: 50 Resp: 3264
Ion Ratio Lower Upper
50 100
52 32.8 22.5 41.7



#12
1,1-Dichloroethene
Concen: 0.313 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU055174.D
Acq: 07 Sep 2023 05:24

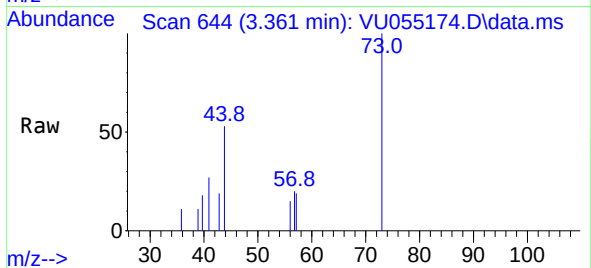
Tgt Ion: 96 Resp: 2321
Ion Ratio Lower Upper
96 100
61 237.3 120.8 224.4#
63 1092.1 94.5 175.5#



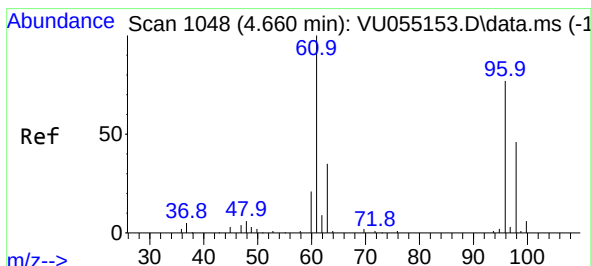
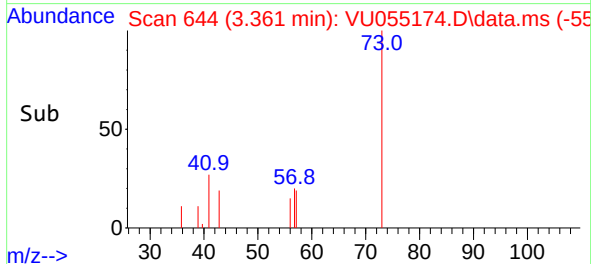
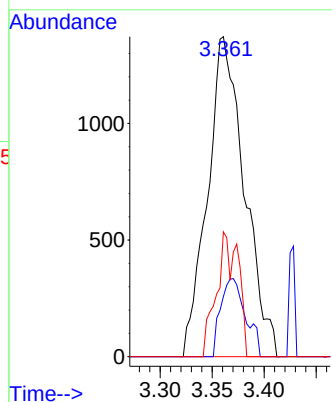


#17
Methyl tert-butyl Ether
Concen: 0.174 ug/L
RT: 3.361 min Scan# 644
Delta R.T. -0.003 min
Lab File: VU055174.D
Acq: 07 Sep 2023 05:24

Instrument :
MSVOA_U
ClientSampleId :

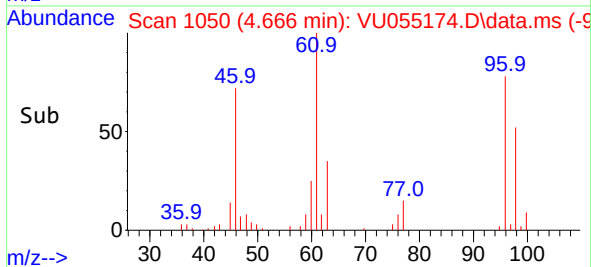
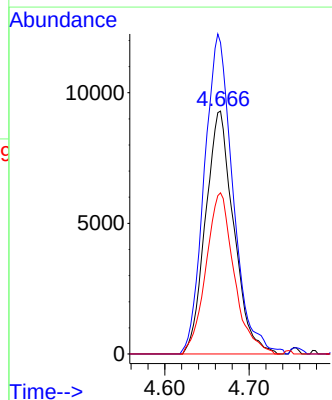
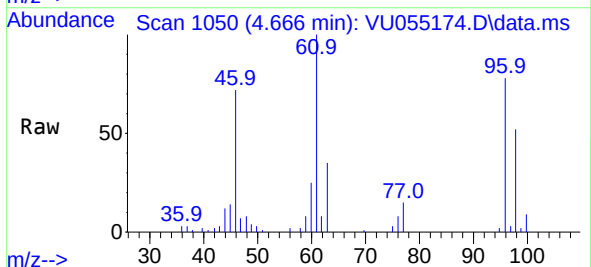


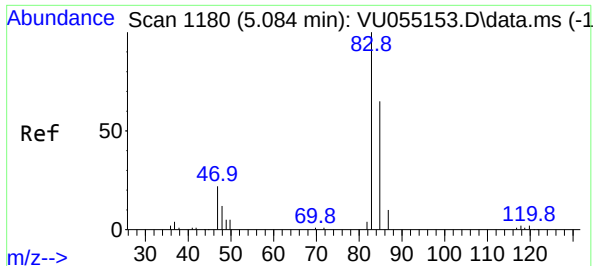
Tgt Ion: 73 Resp: 3388
Ion Ratio Lower Upper
73 100
43 3.1 16.2 24.2#
57 14.3 17.4 26.2#



#22
cis-1,2-Dichloroethene
Concen: 2.347 ug/L
RT: 4.666 min Scan# 1050
Delta R.T. 0.003 min
Lab File: VU055174.D
Acq: 07 Sep 2023 05:24

Tgt Ion: 96 Resp: 21577
Ion Ratio Lower Upper
96 100
61 128.2 97.2 180.4
98 66.4 46.1 85.7





#25

Chloroform

Concen: 1.123 ug/L

RT: 5.084 min Scan# 1180

Delta R.T. -0.003 min

Lab File: VU055174.D

Acq: 07 Sep 2023 05:24

Instrument :

MSVOA_U

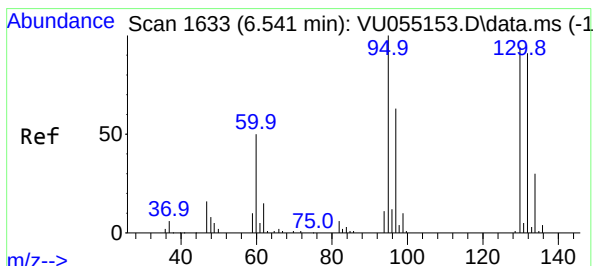
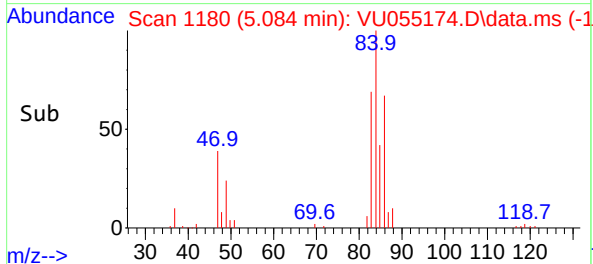
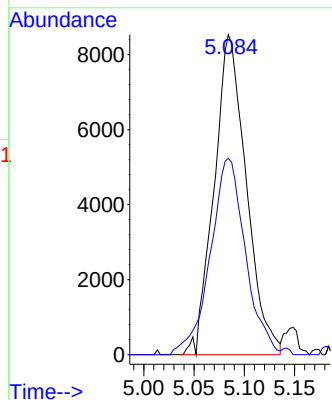
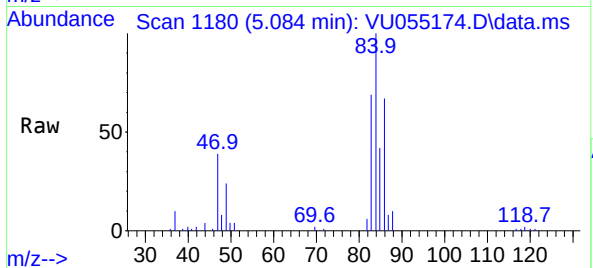
ClientSampleId :

Tgt Ion: 83 Resp: 18981

Ion Ratio Lower Upper

83 100

85 61.4 47.2 87.6



#34

Trichloroethene

Concen: 2.371 ug/L

RT: 6.544 min Scan# 1634

Delta R.T. 0.003 min

Lab File: VU055174.D

Acq: 07 Sep 2023 05:24

Tgt Ion: 95 Resp: 23213

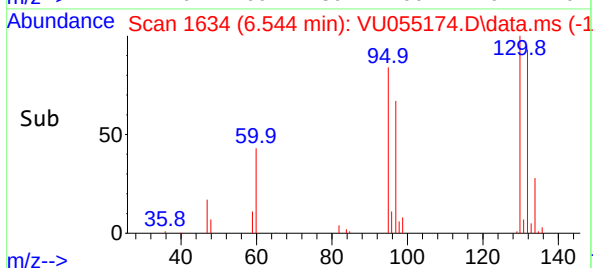
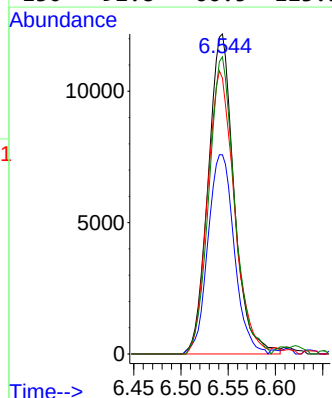
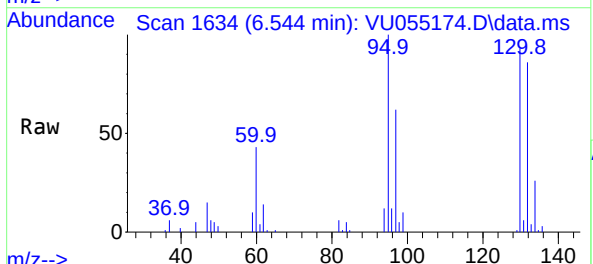
Ion Ratio Lower Upper

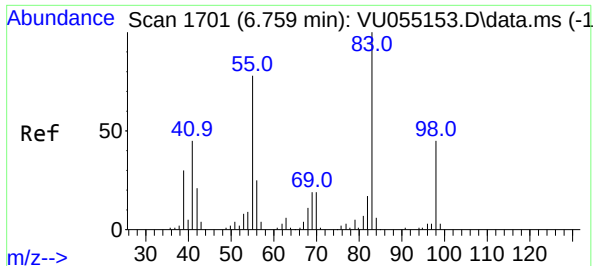
95 100

97 62.3 44.7 83.1

132 86.2 66.6 123.6

130 92.8 66.5 123.5





#35

Methylcyclohexane

Concen: 1.083 ug/L

RT: 6.689 min Scan# 1679

Delta R.T. -0.071 min

Lab File: VU055174.D

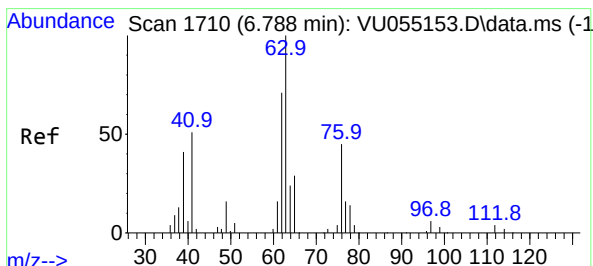
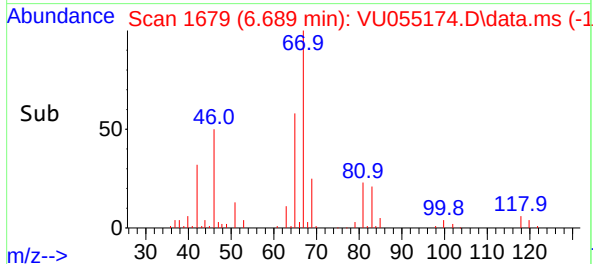
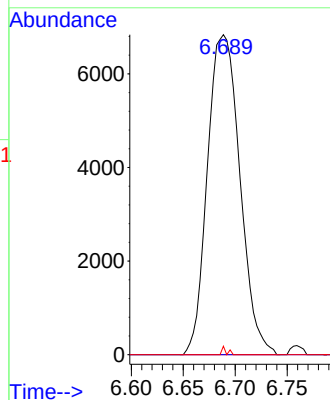
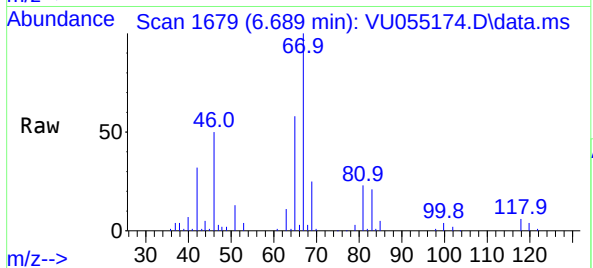
Acq: 07 Sep 2023 05:24

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 14884
Ion Ratio	Lower Upper
83 100	
55 0.0	60.4 90.6#
98 0.4	35.3 52.9#



#37

1,2-Dichloropropane

Concen: 0.752 ug/L

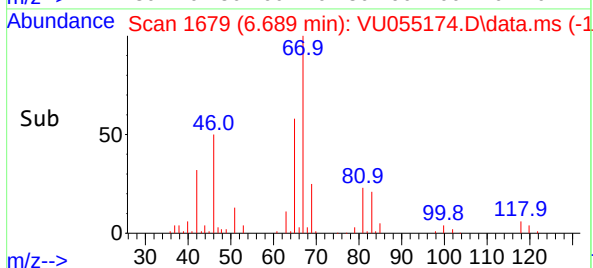
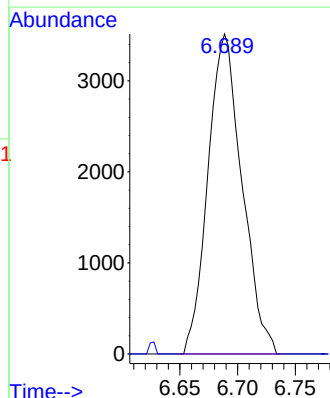
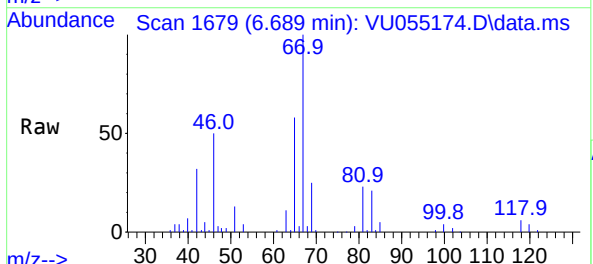
RT: 6.689 min Scan# 1679

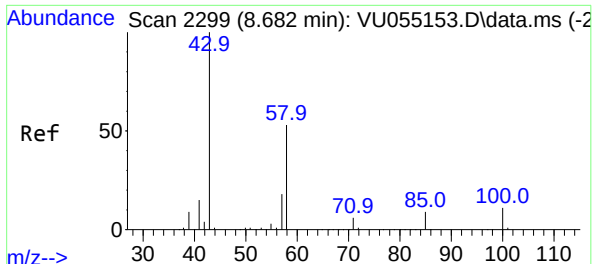
Delta R.T. -0.100 min

Lab File: VU055174.D

Acq: 07 Sep 2023 05:24

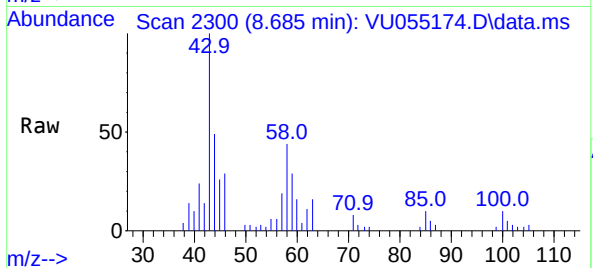
Tgt Ion: 63	Resp: 7214
Ion Ratio	Lower Upper
63 100	
112 0.7	3.2 4.8#



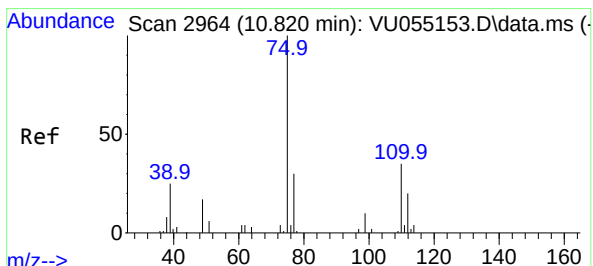
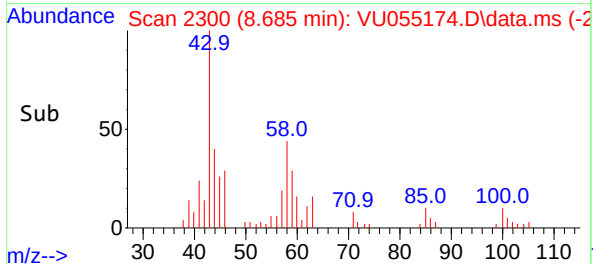
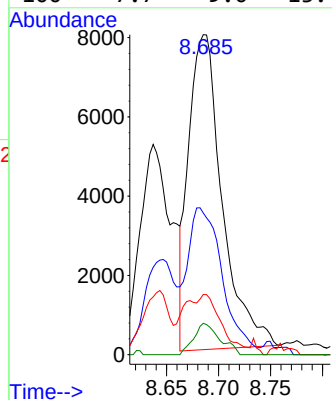


#48
2-Hexanone
Concen: 4.161 ug/L
RT: 8.685 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU055174.D
Acq: 07 Sep 2023 05:24

Instrument :
MSVOA_U
ClientSampleId :

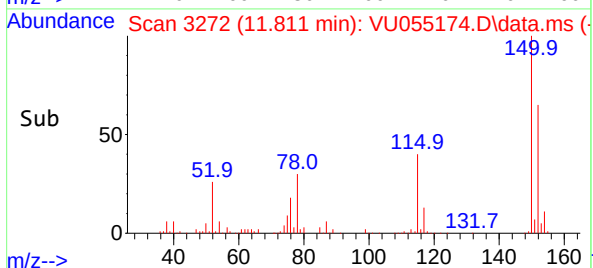
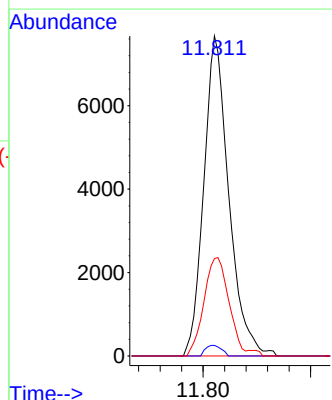
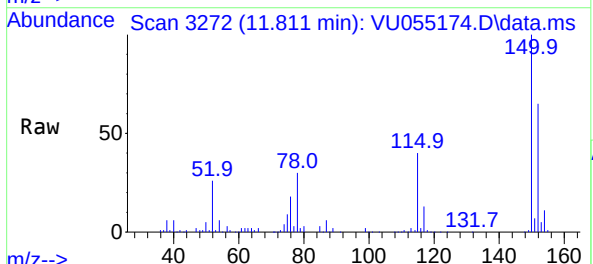


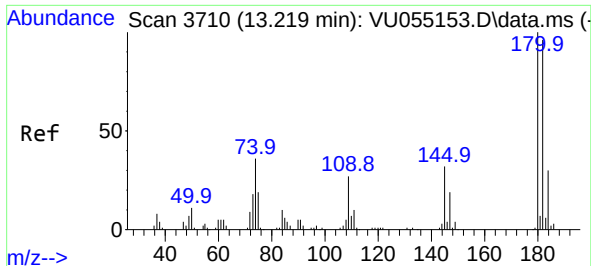
Tgt Ion: 43	Resp: 17835
Ion Ratio	Lower Upper
43 100	
58 45.1	44.0 66.0
57 11.3	16.2 24.2#
100 7.7	9.0 13.4#



#61
1,2,3-Trichloropropane
Concen: 2.201 ug/L
RT: 11.811 min Scan# 3272
Delta R.T. 0.990 min
Lab File: VU055174.D
Acq: 07 Sep 2023 05:24

Tgt Ion: 75	Resp: 12376
Ion Ratio	Lower Upper
75 100	
110 2.1	28.2 42.2#
77 31.3	26.2 39.4





#69

1,3,5-Trichlorobenzene

Concen: 0.577 ug/L

RT: 13.846 min Scan# 3905

Delta R.T. 0.627 min

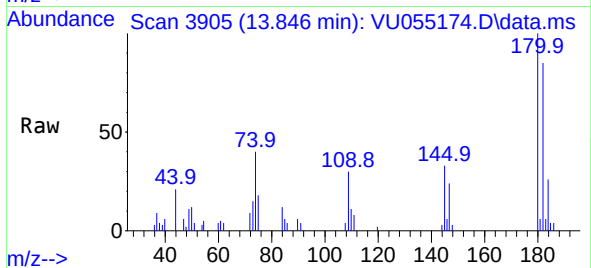
Lab File: VU055174.D

Acq: 07 Sep 2023 05:24

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 8272

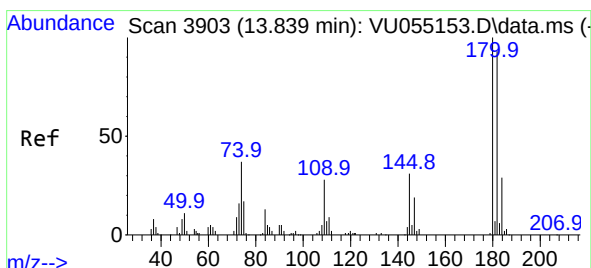
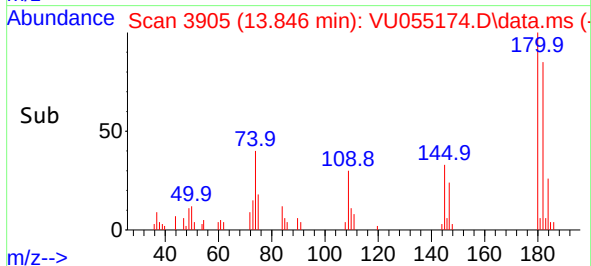
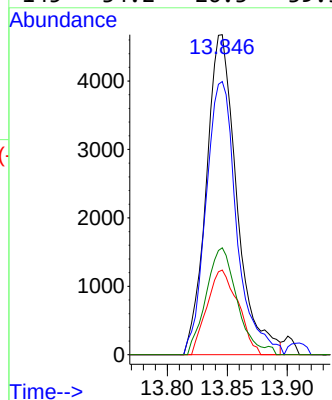
Ion Ratio Lower Upper

180 100

182 85.8 75.8 113.6

184 26.9 24.0 36.0

145 34.2 26.3 39.5



#70

1,2,4-trichlorobenzene

Concen: 0.615 ug/L

RT: 13.846 min Scan# 3905

Delta R.T. 0.007 min

Lab File: VU055174.D

Acq: 07 Sep 2023 05:24

Tgt Ion:180 Resp: 8272

Ion Ratio Lower Upper

180 100

182 85.8 73.6 110.4

145 34.2 25.8 38.8

