

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110122\
 Data File : VU051666.D
 Acq On : 01 Nov 2022 20:11
 Operator : JC/MD
 Sample : N5319-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 02 02:06:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 02 01:48:00 2022
 Response via : Initial Calibration

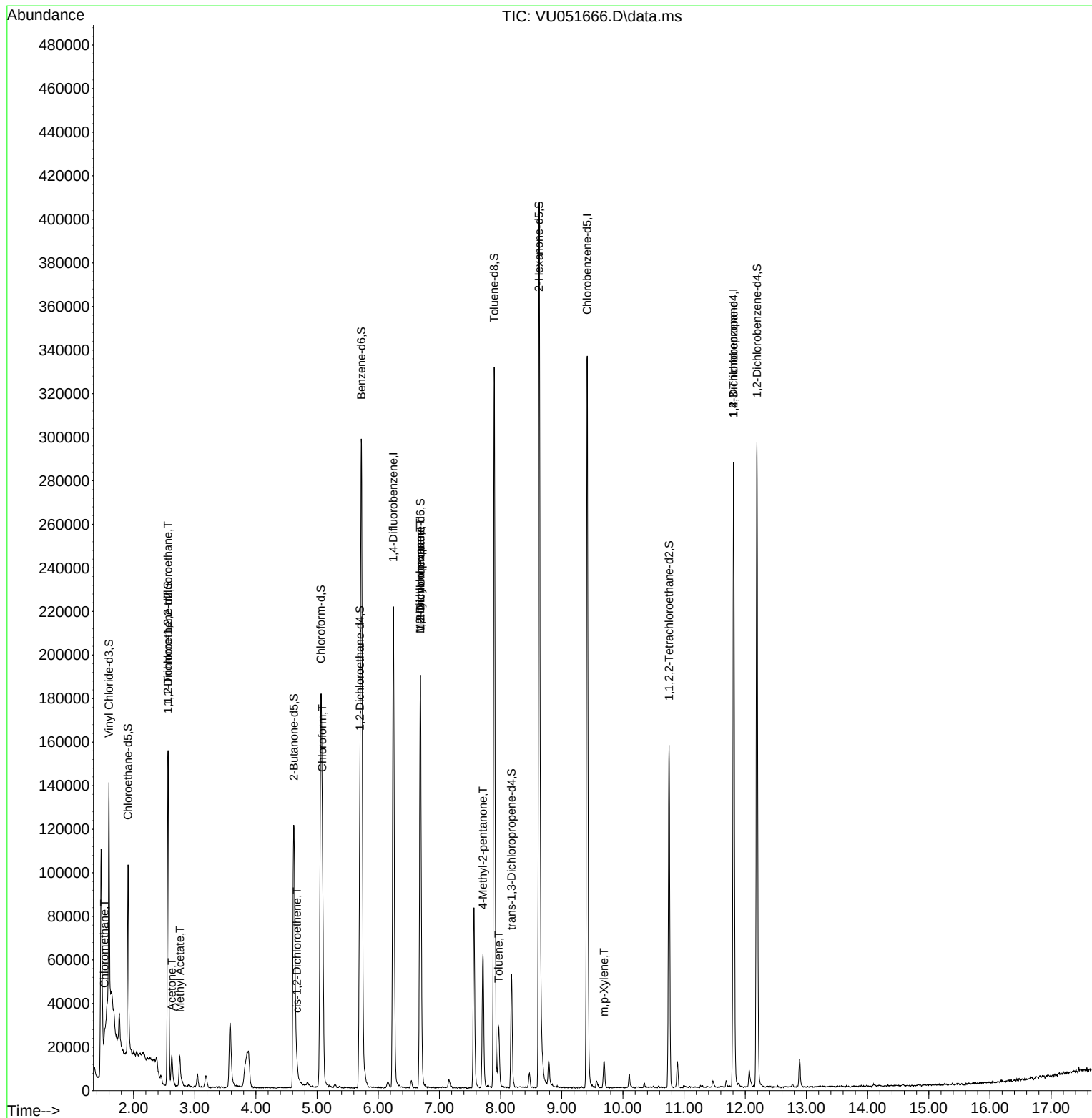
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	186184	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	196132	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	83876	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	75043	5.352	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	107.000%	
7) Chloroethane-d5	1.909	69	68138	4.659	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	93.200%	
11) 1,1-Dichloroethene-d2	2.565	65	29260	5.749	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	115.000%	
20) 2-Butanone-d5	4.620	46	176941	34.842	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	69.680%	
24) Chloroform-d	5.060	84	152523	4.648	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.000%	
26) 1,2-Dichloroethane-d4	5.700	65	75097	4.237	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	84.800%	
32) Benzene-d6	5.726	84	289467	4.677	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.600%	
36) 1,2-Dichloropropane-d6	6.690	67	95548	4.415	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	88.200%	
41) Toluene-d8	7.896	98	235082	4.830	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.600%	
43) trans-1,3-Dichloroprop...	8.179	79	29948	4.526	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	90.600%	
46) 2-Hexanone-d5	8.629	63	139004	34.894	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	69.780%	
56) 1,1,2,2-Tetrachloroeth...	10.754	84	80470	4.057	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	81.200%	
66) 1,2-Dichlorobenzene-d4	12.192	152	83350	5.414	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	108.200%	
Target Compounds						
3) Chloromethane	1.523	50	3393	0.132	ug/L	83
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	1156	0.073	ug/L #	22
13) Acetone	2.626	43	15040	5.837	ug/L	97
15) Methyl Acetate	2.758	43	3781	0.560	ug/L #	50
22) cis-1,2-Dichloroethene	4.671	96	1694	0.088	ug/L	91
25) Chloroform	5.086	83	75795	2.280	ug/L	98
35) Methylcyclohexane	6.687	83	21846	0.846	ug/L #	20
37) 1,2-Dichloropropane	6.687	63	9996	0.502	ug/L #	88
40) 4-Methyl-2-pentanone	7.713	43	25363	2.540	ug/L #	42
42) Toluene	7.970	91	20248	0.255	ug/L	94
53) m,p-Xylene	9.690	106	3801	0.128	ug/L	100
61) 1,2,3-Trichloropropane	11.809	75	9847	0.908	ug/L #	68

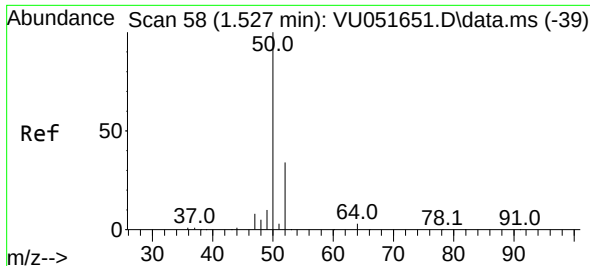
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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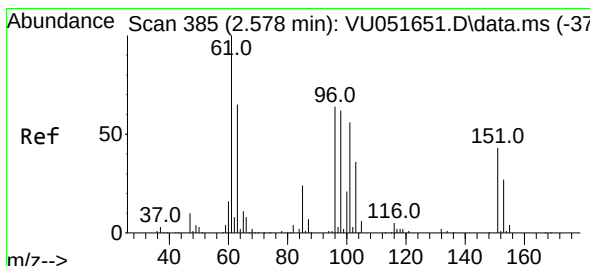
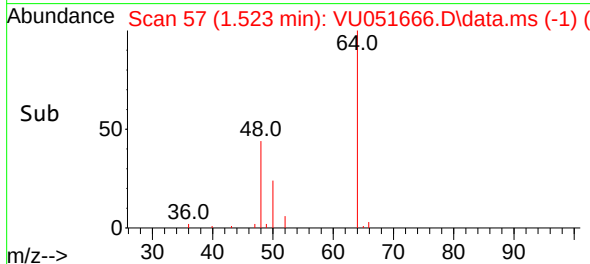
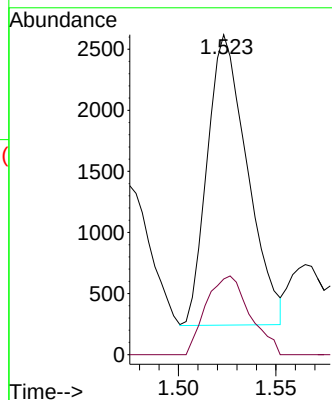
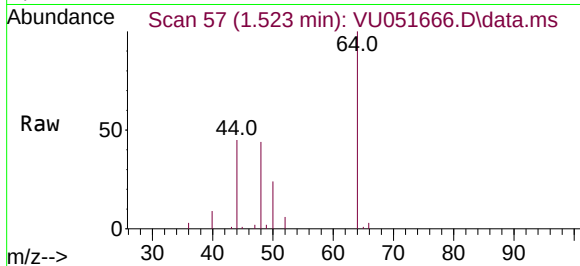




#3
Chloromethane
Concen: 0.132 ug/L
RT: 1.523 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU051666.D
Acq: 01 Nov 2022 20:11

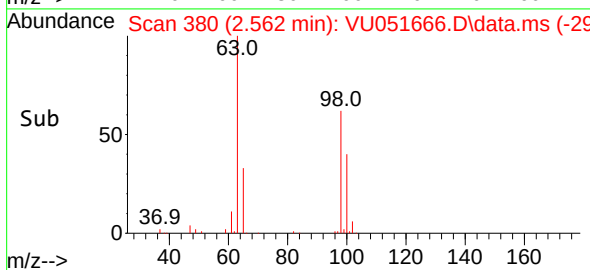
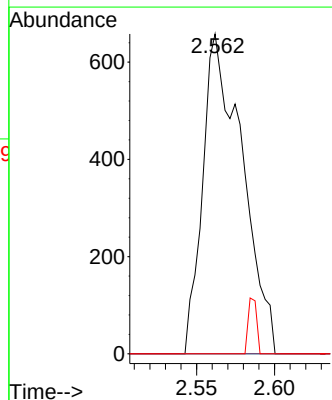
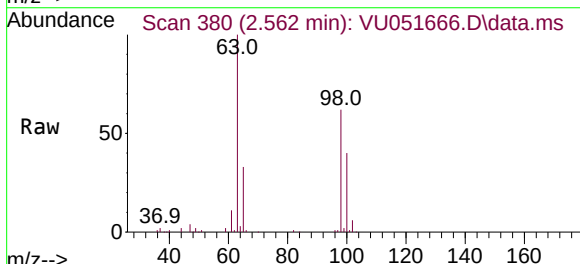
Instrument :
MSVOA_U
ClientSampleId :

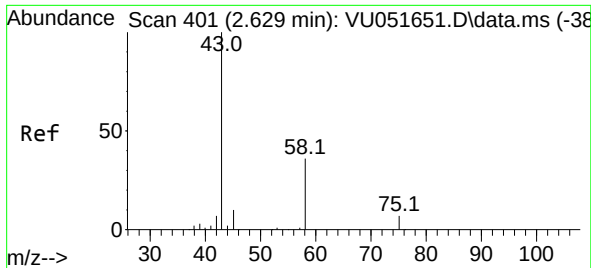
Tgt Ion: 50 Resp: 3393
Ion Ratio Lower Upper
50 100
52 23.6 23.2 43.2



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.073 ug/L
RT: 2.562 min Scan# 380
Delta R.T. -0.016 min
Lab File: VU051666.D
Acq: 01 Nov 2022 20:11

Tgt Ion: 101 Resp: 1156
Ion Ratio Lower Upper
101 100
85 0.0 35.6 53.4#
151 3.7 59.6 89.4#





#13

Acetone

Concen: 5.837 ug/L

RT: 2.626 min Scan# 401

Delta R.T. -0.003 min

Lab File: VU051666.D

Acq: 01 Nov 2022 20:11

Instrument :

MSVOA_U

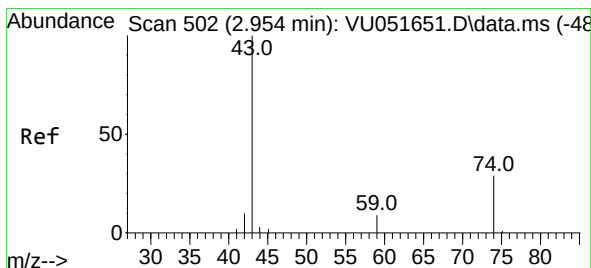
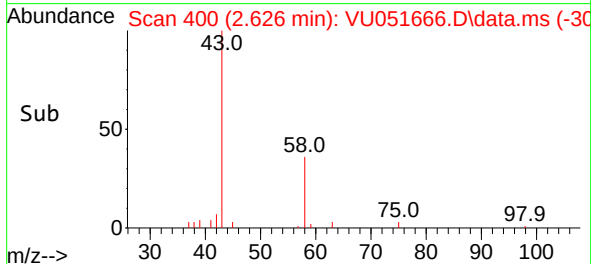
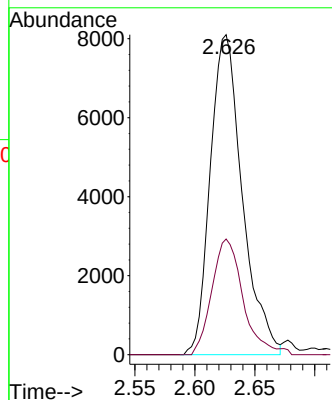
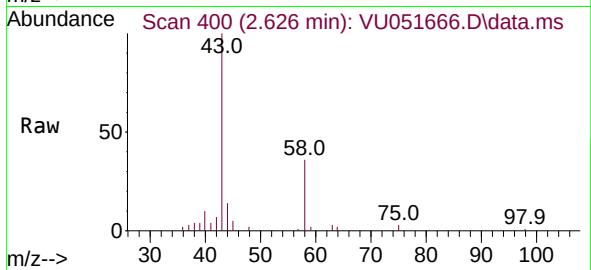
ClientSampleId :

Tgt Ion: 43 Resp: 15040

Ion Ratio Lower Upper

43 100

58 35.3 0.0 73.8



#15

Methyl Acetate

Concen: 0.560 ug/L

RT: 2.758 min Scan# 441

Delta R.T. -0.196 min

Lab File: VU051666.D

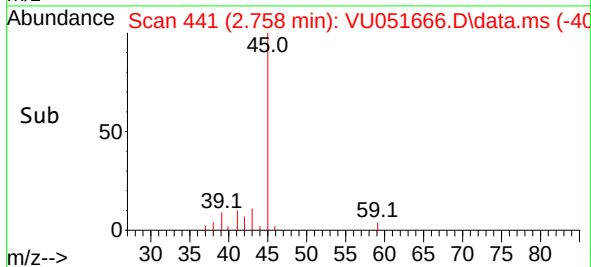
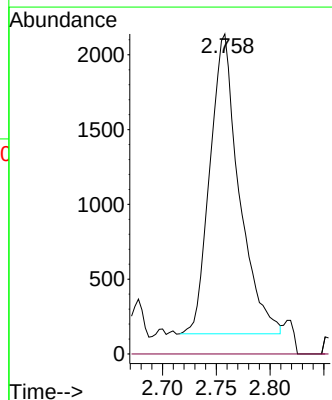
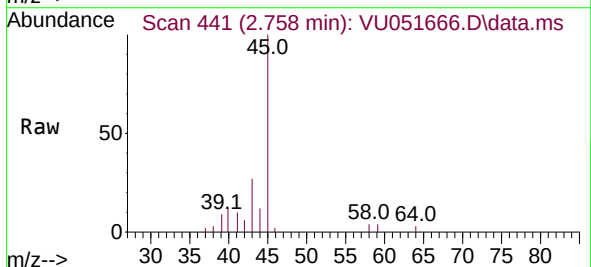
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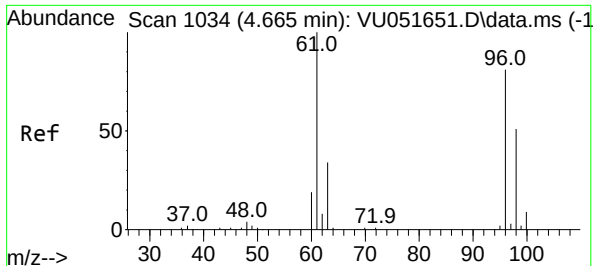
Tgt Ion: 43 Resp: 3781

Ion Ratio Lower Upper

43 100

74 0.0 20.2 30.4#





#22

cis-1,2-Dichloroethene

Concen: 0.088 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VU051666.D

Acq: 01 Nov 2022 20:11

Instrument :

MSVOA_U

ClientSampleId :

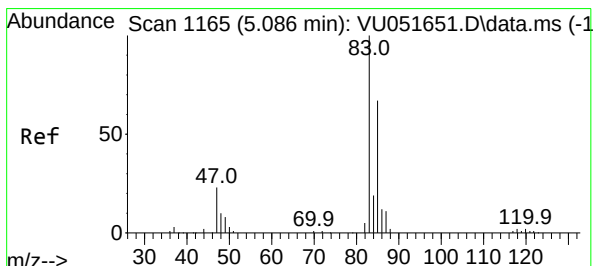
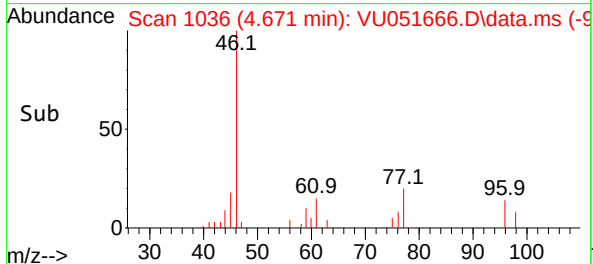
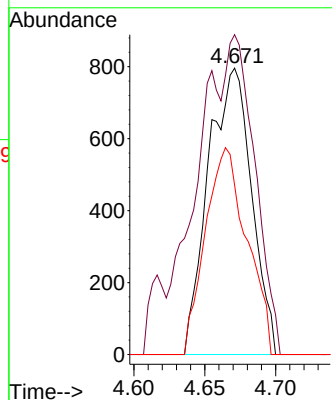
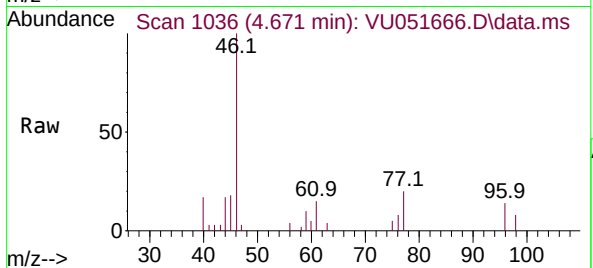
Tgt Ion: 96 Resp: 1694

Ion Ratio Lower Upper

96 100

61 111.7 86.4 160.4

98 59.2 44.2 82.2



#25

Chloroform

Concen: 2.280 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. -0.000 min

Lab File: VU051666.D

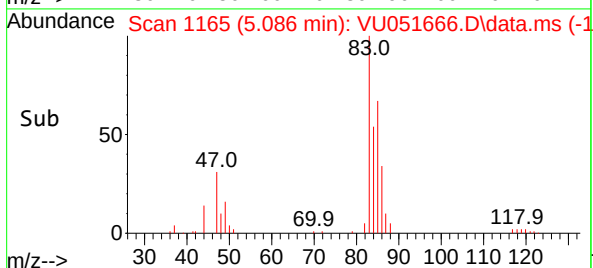
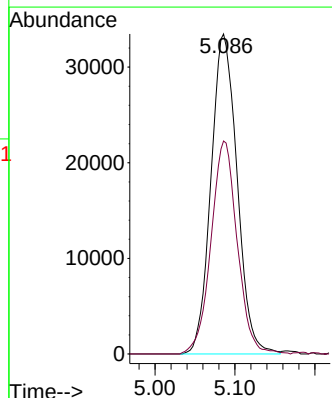
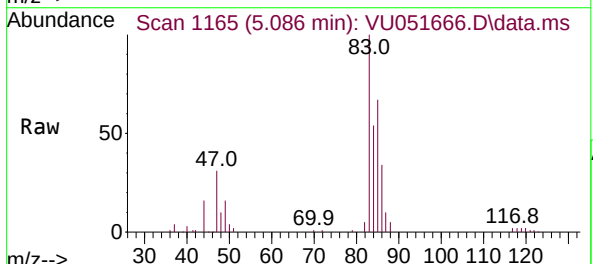
Acq: 01 Nov 2022 20:11

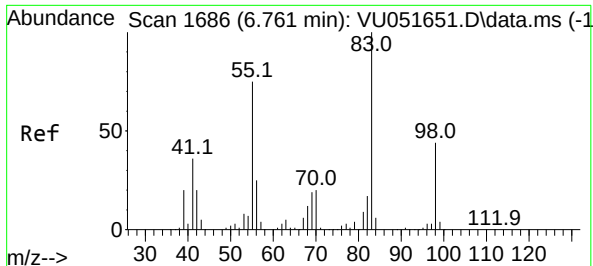
Tgt Ion: 83 Resp: 75795

Ion Ratio Lower Upper

83 100

85 66.5 45.2 84.0

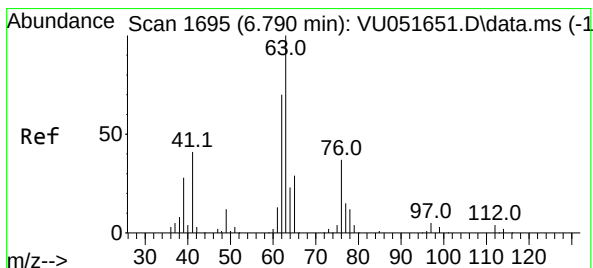
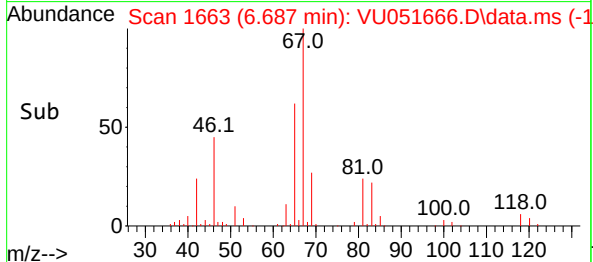
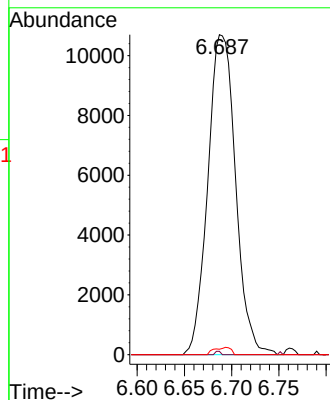
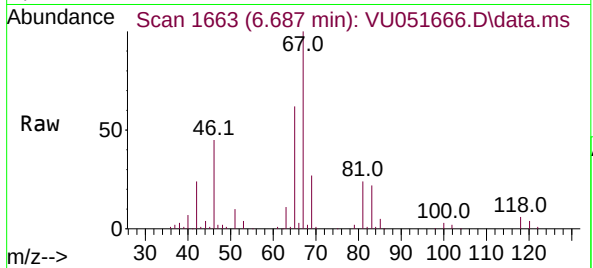




#35
Methylcyclohexane
Concen: 0.846 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.074 min
Lab File: VU051666.D
Acq: 01 Nov 2022 20:11

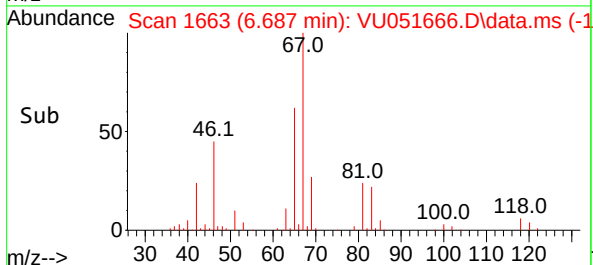
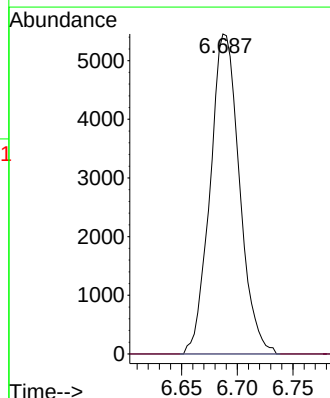
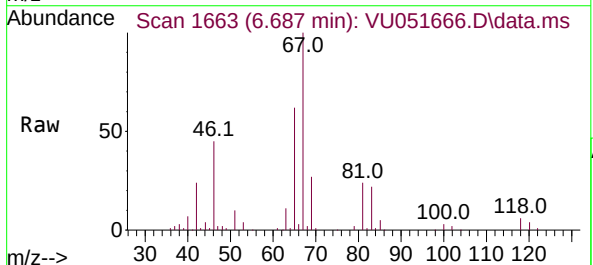
Instrument :
MSVOA_U
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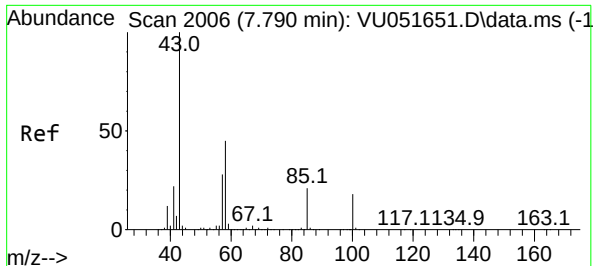
Tgt Ion: 83 Resp: 21846
Ion Ratio Lower Upper
83 100
55 0.2 60.6 90.8#
98 1.4 35.8 53.6#



#37
1,2-Dichloropropane
Concen: 0.502 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.103 min
Lab File: VU051666.D
Acq: 01 Nov 2022 20:11

Tgt Ion: 63 Resp: 9996
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#





#40

4-Methyl-2-pentanone

Concen: 2.540 ug/L

RT: 7.713 min Scan# 1982

Delta R.T. -0.077 min

Lab File: VU051666.D

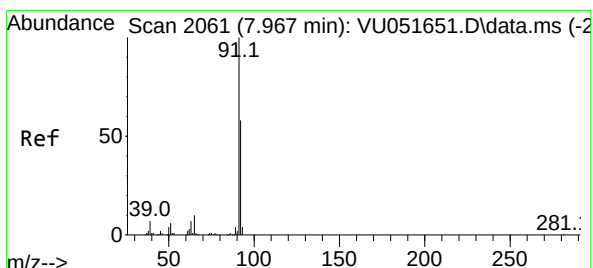
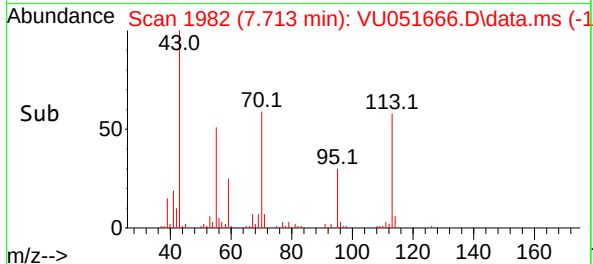
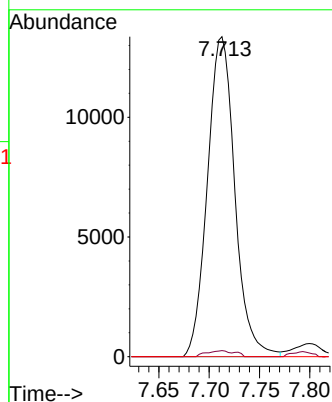
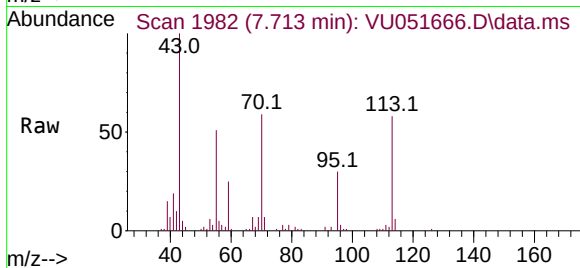
Acq: 01 Nov 2022 20:11

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	43	Resp:	25363
Ion	Ratio	Lower	Upper
43	100		
58	1.5	35.0	52.6#
100	0.0	13.4	20.0#



#42

Toluene

Concen: 0.255 ug/L

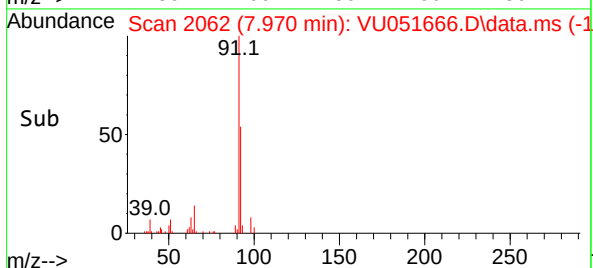
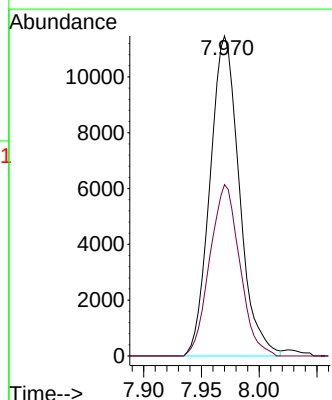
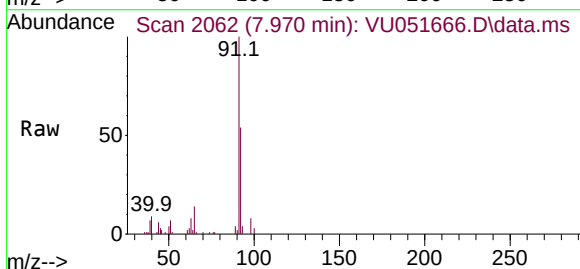
RT: 7.970 min Scan# 2062

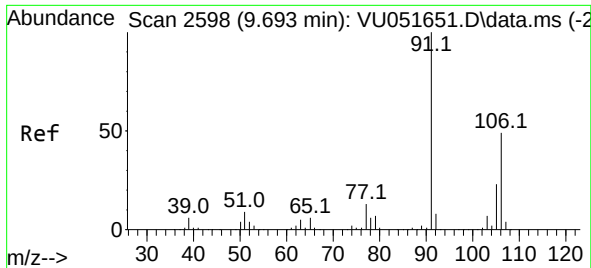
Delta R.T. 0.003 min

Lab File: VU051666.D

Acq: 01 Nov 2022 20:11

Tgt Ion:	91	Resp:	20248
Ion	Ratio	Lower	Upper
91	100		
92	53.6	40.5	75.3

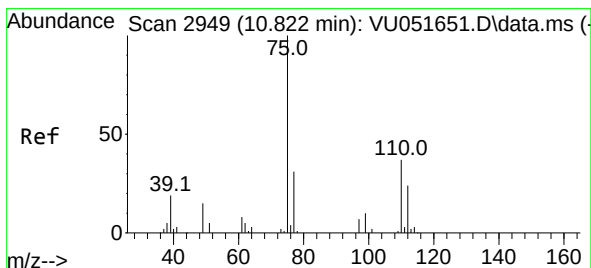
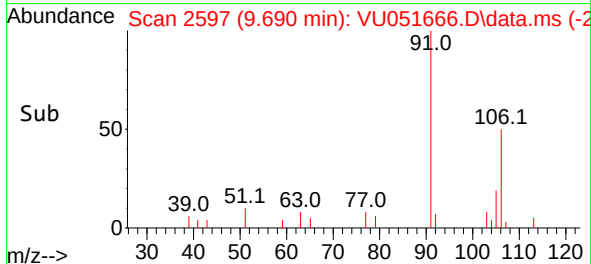
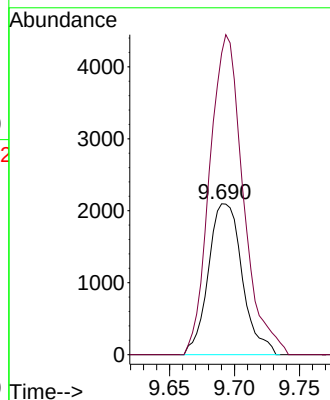
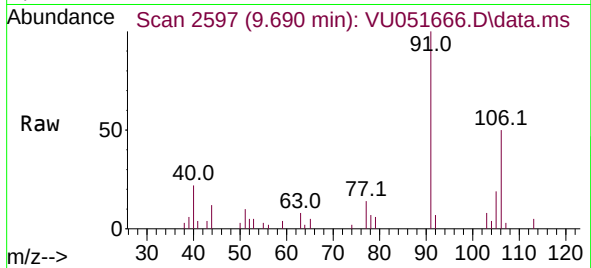




#53
m,p-Xylene
Concen: 0.128 ug/L
RT: 9.690 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU051666.D
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Tgt Ion:106 Resp: 3801
Ion Ratio Lower Upper
106 100
91 199.8 139.4 259.0



#61
1,2,3-Trichloropropane
Concen: 0.908 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.987 min
Lab File: VU051666.D
Acq: 01 Nov 2022 20:11

Tgt Ion: 75 Resp: 9847
Ion Ratio Lower Upper
75 100
110 0.8 28.7 43.1#
77 33.1 26.1 39.1

