

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110122\
 Data File : VU051677.D
 Acq On : 02 Nov 2022 01:43
 Operator : JC/MD
 Sample : N5320-01DL 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 02 04:08:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 02 03:06:15 2022
 Response via : Initial Calibration

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

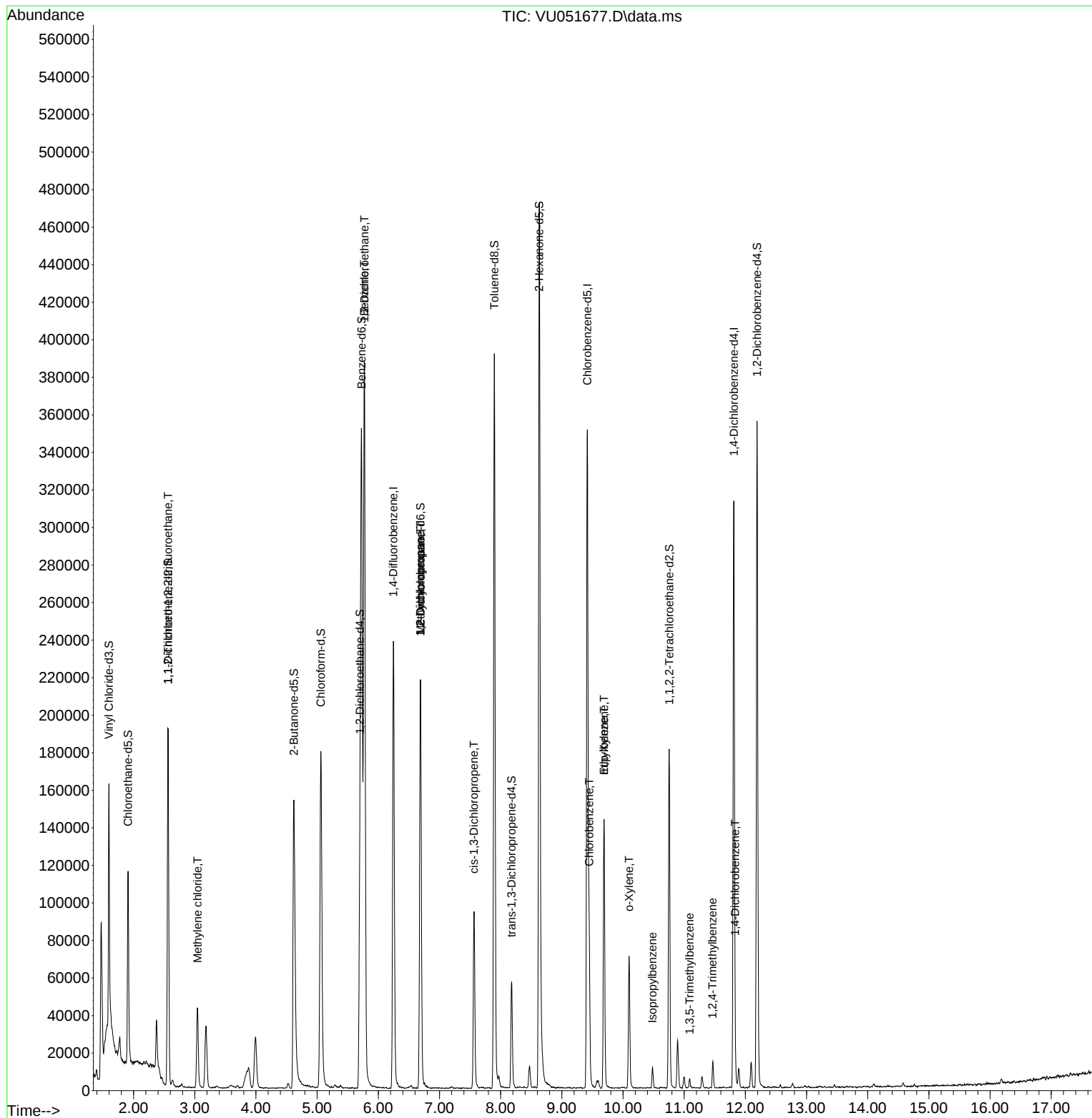
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	199548	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	202710	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	88558	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	90473	6.020	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	120.400%
7) Chloroethane-d5	1.909	69	81303	5.187	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.800%
11) 1,1-Dichloroethene-d2	2.562	65	36488	6.690	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	133.800%#
20) 2-Butanone-d5	4.620	46	205828	37.816	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	75.640%
24) Chloroform-d	5.060	84	167999	4.777	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
26) 1,2-Dichloroethane-d4	5.700	65	86501	4.553	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.000%
32) Benzene-d6	5.726	84	343166	5.365	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.200%
36) 1,2-Dichloropropane-d6	6.690	67	110471	4.939	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.800%
41) Toluene-d8	7.896	98	275798	5.483	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.600%
43) trans-1,3-Dichloroprop...	8.179	79	32932	4.815	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.200%
46) 2-Hexanone-d5	8.629	63	159388	38.712	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.420%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	92455	4.510	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.200%
66) 1,2-Dichlorobenzene-d4	12.192	152	97712	6.012	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	120.200%#
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	1056	0.062	ug/L #	19
16) Methylene chloride	3.044	84	21906	0.771	ug/L	99
27) 1,2-Dichloroethane	5.774	62	2937	0.134	ug/L #	75
33) Benzene	5.771	78	385999	4.825	ug/L	100
35) Methylcyclohexane	6.690	83	24462	0.916	ug/L #	20
37) 1,2-Dichloropropane	6.687	63	11572	0.562	ug/L #	88
39) cis-1,3-Dichloropropene	7.562	75	2419	0.092	ug/L #	75
51) Chlorobenzene	9.446	112	45056	0.871	ug/L	97
52) Ethylbenzene	9.690	91	83004	1.047	ug/L #	66
53) m,p-Xylene	9.690	106	41403	1.345	ug/L	99
54) o-Xylene	10.099	106	19441	0.646	ug/L	90
60) Isopropylbenzene	10.481	105	6817	0.105	ug/L	95
62) 1,3,5-Trimethylbenzene	11.089	105	2919	0.168	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	7391	0.147	ug/L	91
65) 1,4-Dichlorobenzene	11.832	146	2264	0.070	ug/L	87

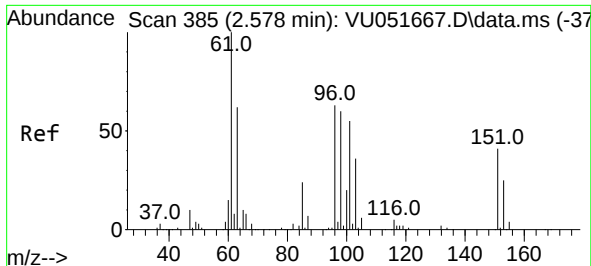
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 02 03:06:15 2022
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.062 ug/L

RT: 2.562 min Scan# 31

Delta R.T. -0.016 min

Lab File: VU051677.D

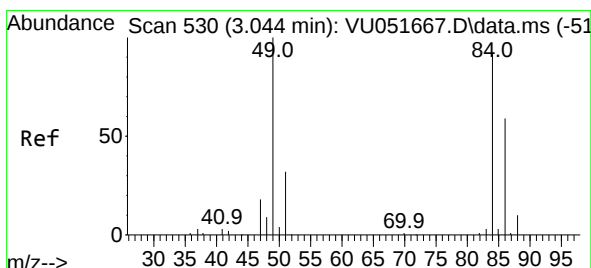
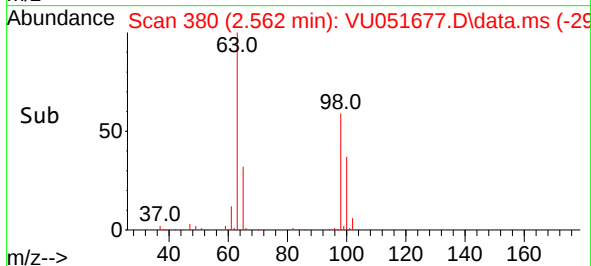
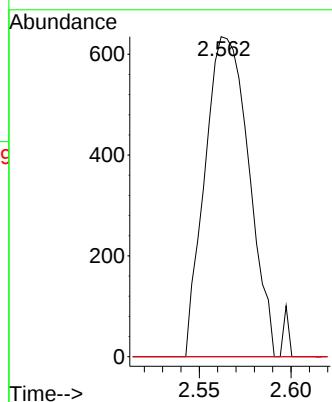
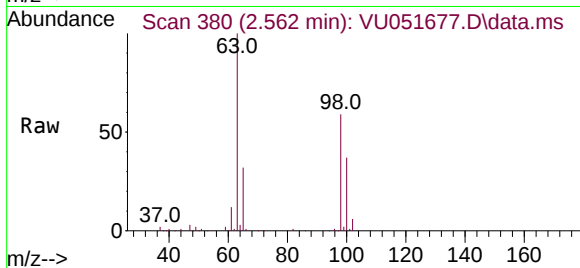
Acq: 02 Nov 2022 01:43

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	101	Resp:	1056
Ion	Ratio	Lower	Upper
101	100		
85	0.0	35.6	53.4#
151	0.0	59.6	89.4#



#16

Methylene chloride

Concen: 0.771 ug/L

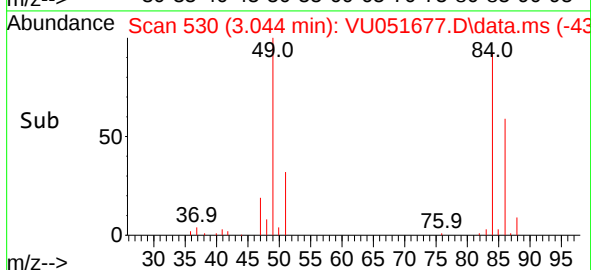
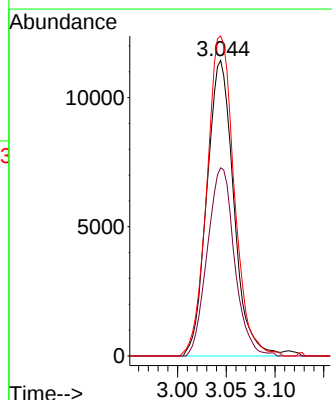
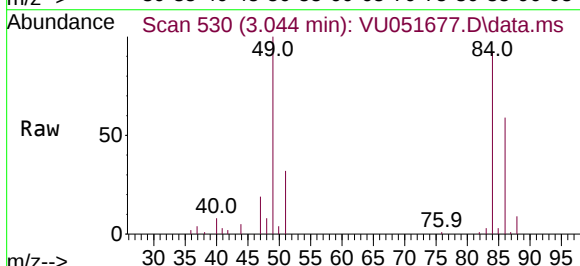
RT: 3.044 min Scan# 530

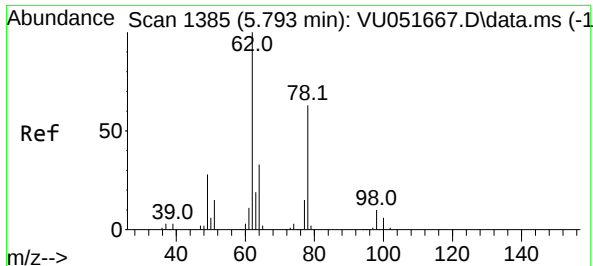
Delta R.T. -0.000 min

Lab File: VU051677.D

Acq: 02 Nov 2022 01:43

Tgt Ion:	84	Resp:	21906
Ion	Ratio	Lower	Upper
84	100		
86	63.7	46.3	85.9
49	108.3	76.0	141.2

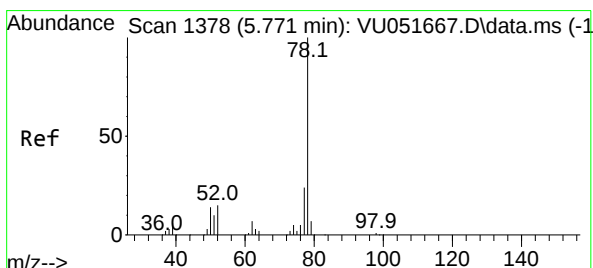
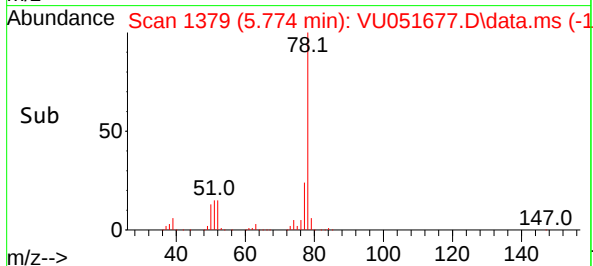
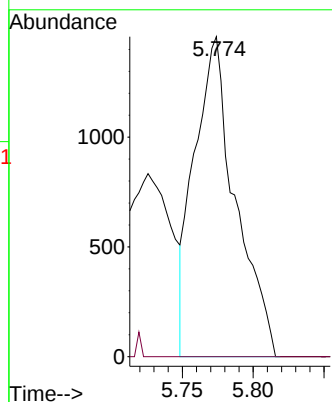
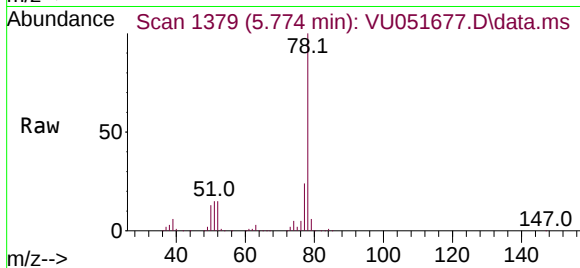




#27
1,2-Dichloroethane
Concen: 0.134 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. -0.019 min
Lab File: VU051677.D
Acq: 02 Nov 2022 01:43

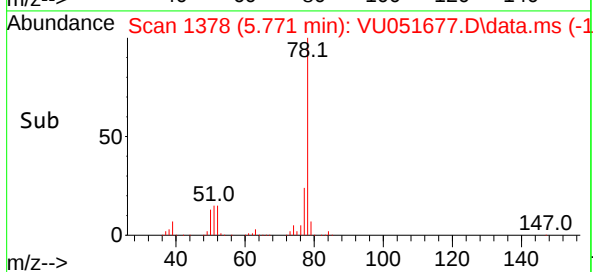
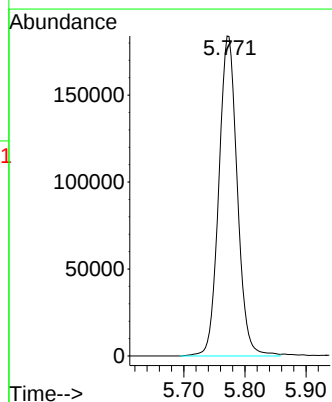
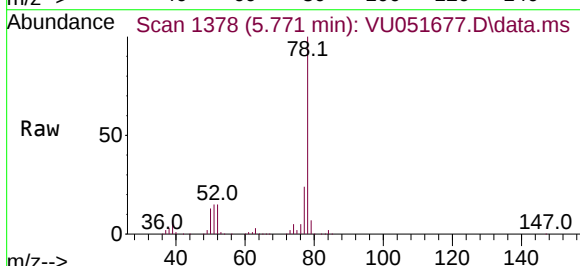
Instrument :
MSVOA_U
ClientSampleId :

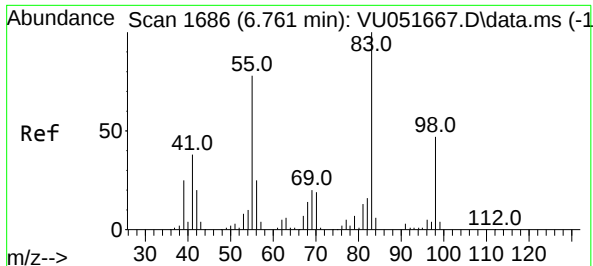
Tgt Ion: 62 Resp: 2937
Ion Ratio Lower Upper
62 100
98 0.0 7.4 11.0#



#33
Benzene
Concen: 4.825 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.000 min
Lab File: VU051677.D
Acq: 02 Nov 2022 01:43

Tgt Ion: 78 Resp: 385999





#35

Methylcyclohexane

Concen: 0.916 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU051677.D

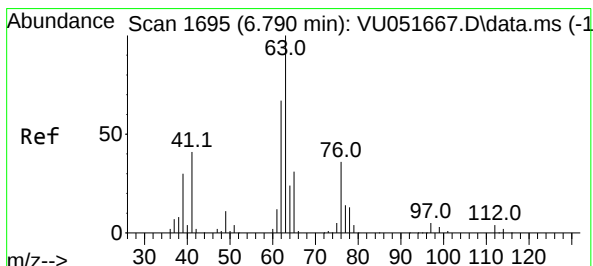
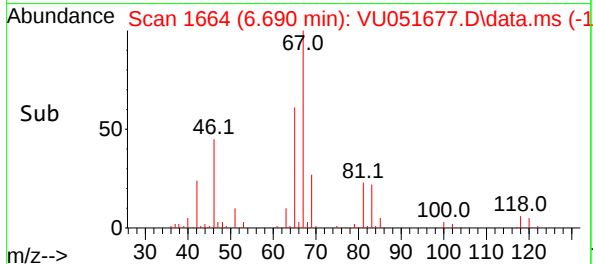
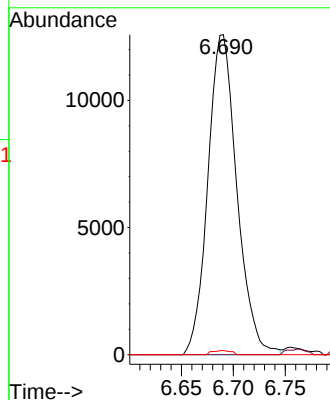
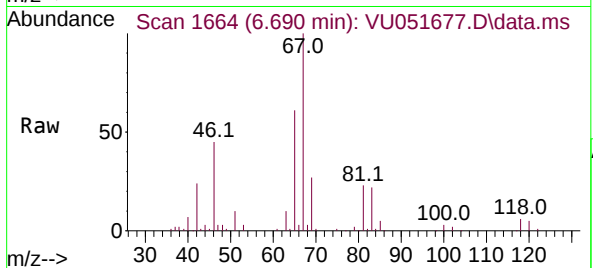
Acq: 02 Nov 2022 01:43

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 24462
Ion Ratio	Lower Upper
83 100	
55 1.2	60.6 90.8#
98 0.9	35.8 53.6#



#37

1,2-Dichloropropane

Concen: 0.562 ug/L

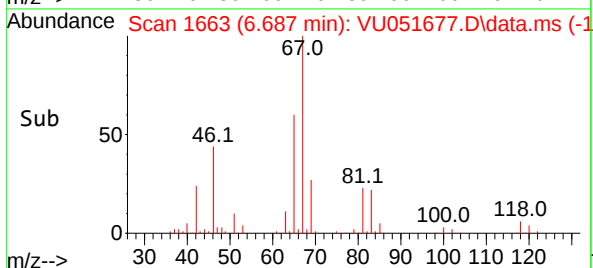
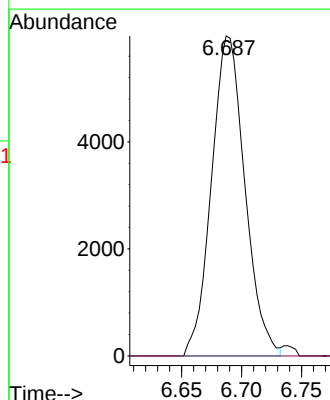
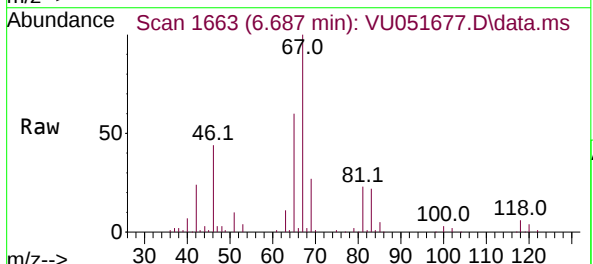
RT: 6.687 min Scan# 1663

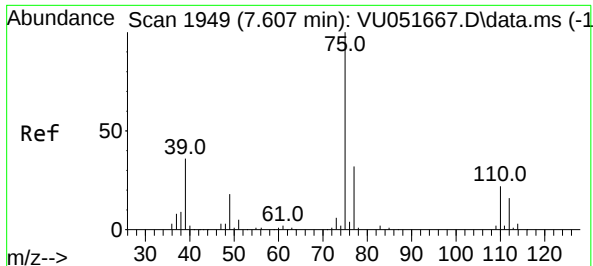
Delta R.T. -0.103 min

Lab File: VU051677.D

Acq: 02 Nov 2022 01:43

Tgt Ion: 63	Resp: 11572
Ion Ratio	Lower Upper
63 100	
112 0.0	3.3 4.9#





#39

cis-1,3-Dichloropropene

Concen: 0.092 ug/L

RT: 7.562 min Scan# 1949

Delta R.T. -0.045 min

Lab File: VU051677.D

Acq: 02 Nov 2022 01:43

Instrument :

MSVOA_U

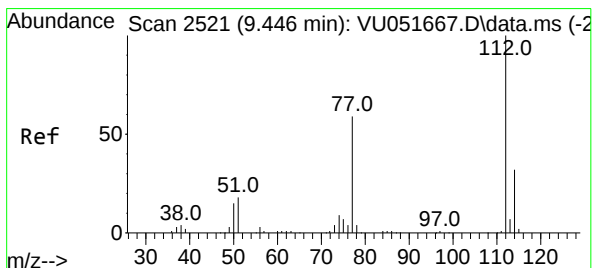
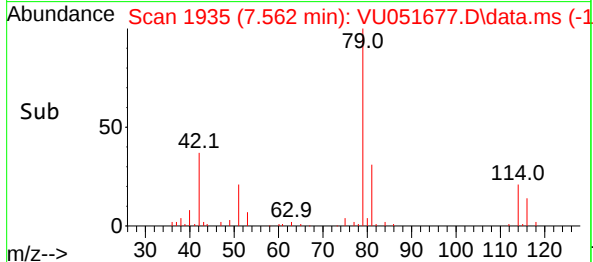
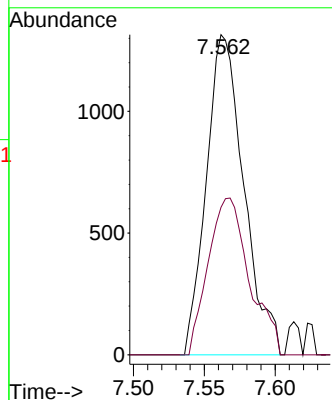
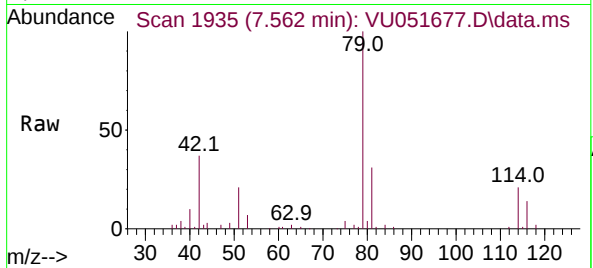
ClientSampleId :

Tgt Ion: 75 Resp: 2419

Ion Ratio Lower Upper

75 100

77 46.1 22.5 41.9#



#51

Chlorobenzene

Concen: 0.871 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. -0.000 min

Lab File: VU051677.D

Acq: 02 Nov 2022 01:43

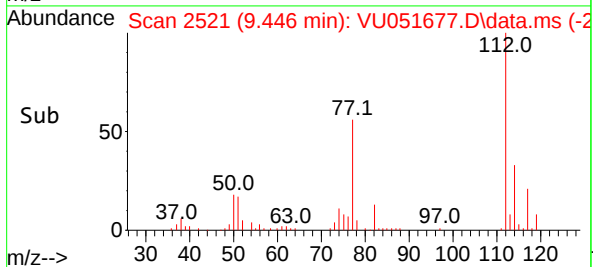
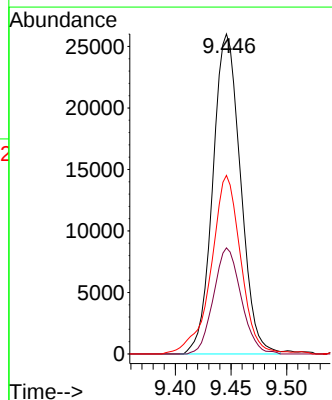
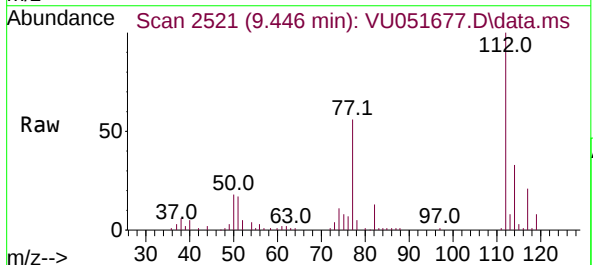
Tgt Ion: 112 Resp: 45056

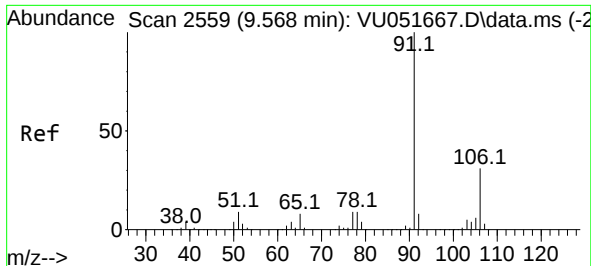
Ion Ratio Lower Upper

112 100

114 33.2 22.0 40.8

77 55.8 46.7 70.1





#52

Ethylbenzene

Concen: 1.047 ug/L

RT: 9.690 min Scan# 2597

Delta R.T. 0.122 min

Lab File: VU051677.D

Acq: 02 Nov 2022 01:43

Instrument :

MSVOA_U

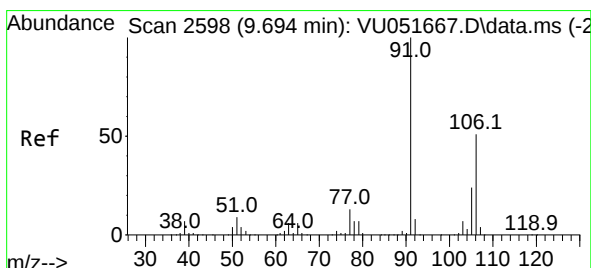
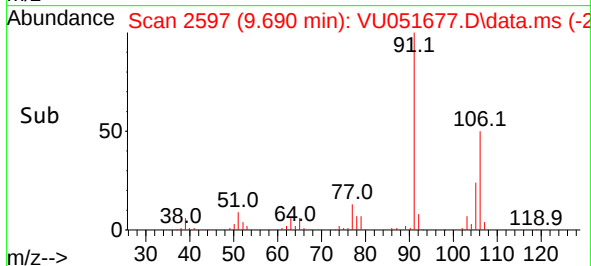
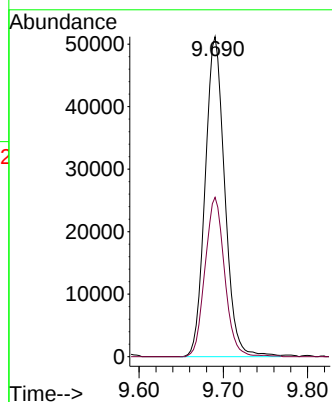
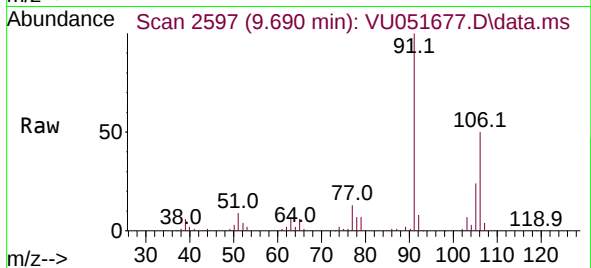
ClientSampleId :

Tgt Ion: 91 Resp: 83004

Ion Ratio Lower Upper

91 100

106 49.8 21.8 40.6#



#53

m,p-Xylene

Concen: 1.345 ug/L

RT: 9.690 min Scan# 2597

Delta R.T. -0.003 min

Lab File: VU051677.D

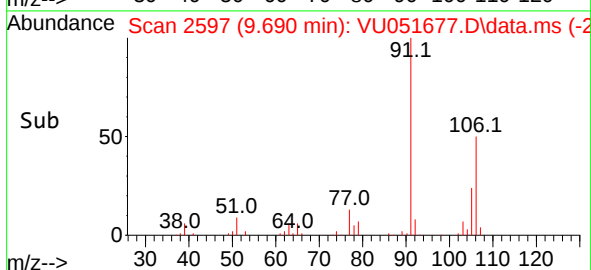
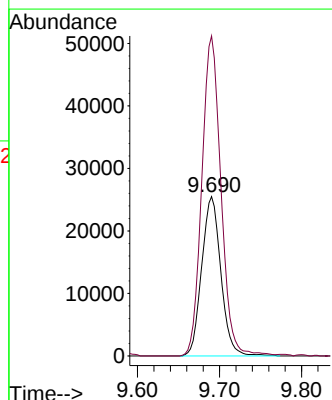
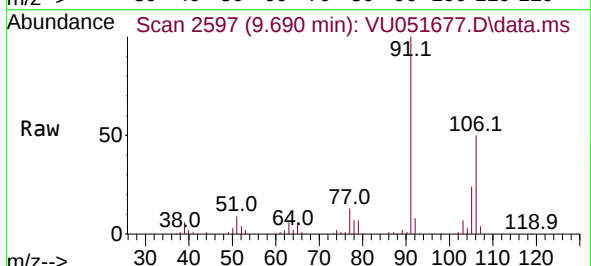
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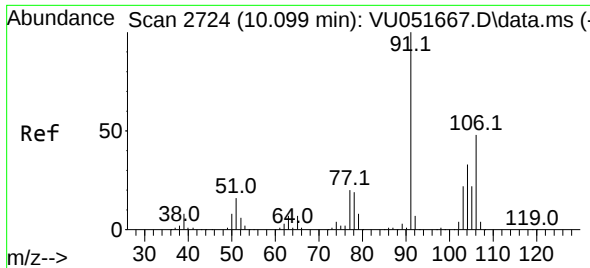
Tgt Ion: 106 Resp: 41403

Ion Ratio Lower Upper

106 100

91 200.8 139.4 259.0

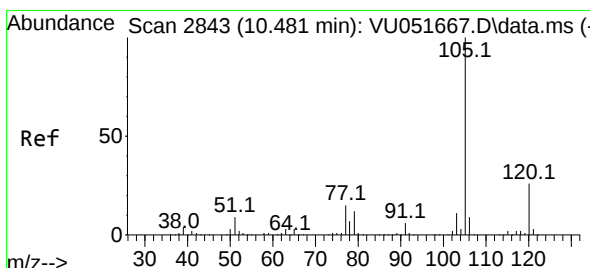
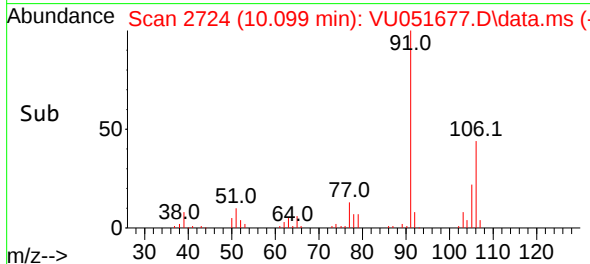
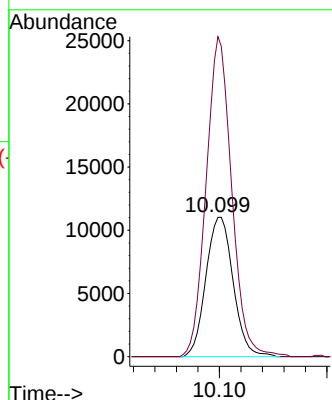
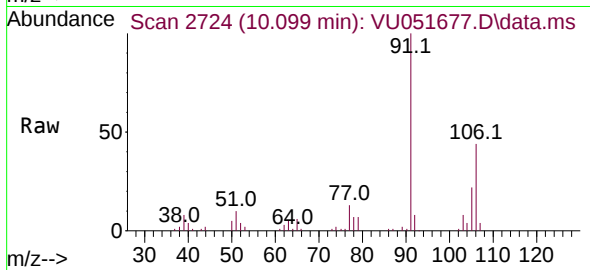




#54
o-Xylene
Concen: 0.646 ug/L
RT: 10.099 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU051677.D
Acq: 02 Nov 2022 01:43

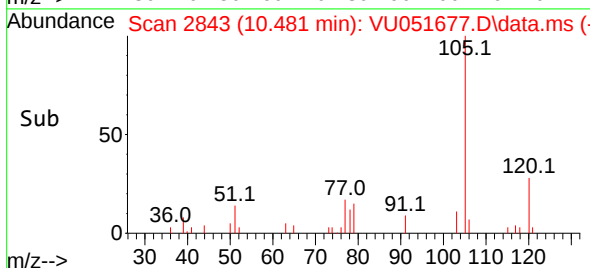
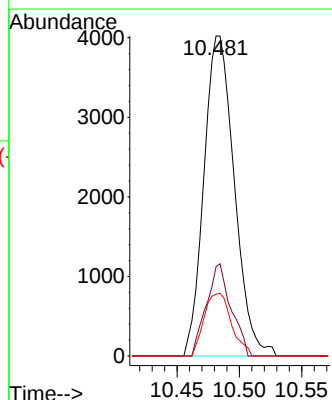
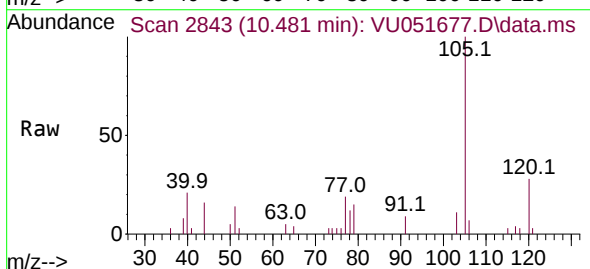
Instrument :
MSVOA_U
ClientSampleId :

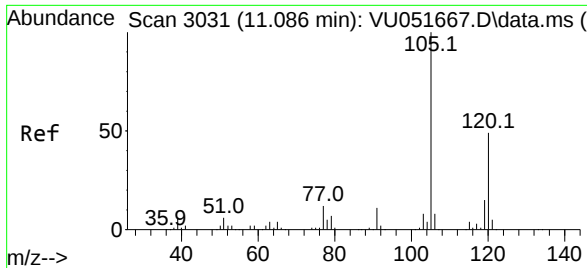
Tgt Ion:106 Resp: 19441
Ion Ratio Lower Upper
106 100
91 229.5 149.2 277.2



#60
Isopropylbenzene
Concen: 0.105 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. -0.000 min
Lab File: VU051677.D
Acq: 02 Nov 2022 01:43

Tgt Ion:105 Resp: 6817
Ion Ratio Lower Upper
105 100
120 23.2 20.9 31.3
77 17.6 12.3 18.5

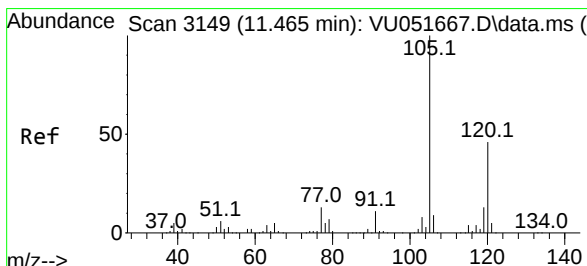
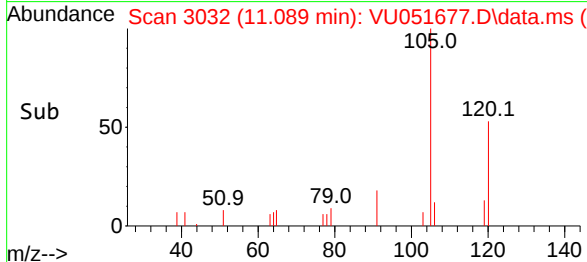
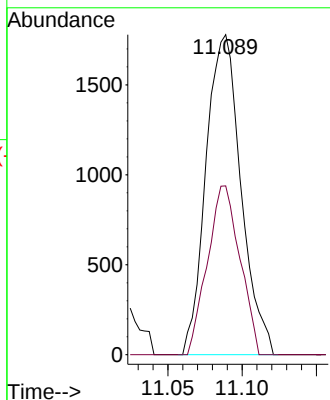
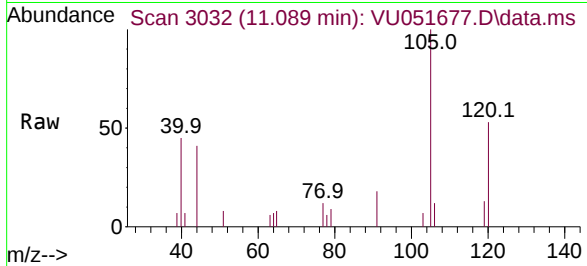




#62
 1,3,5-Trimethylbenzene
 Concen: 0.168 ug/L
 RT: 11.089 min Scan# 3031
 Delta R.T. 0.003 min
 Lab File: VU051677.D
 Acq: 02 Nov 2022 01:43

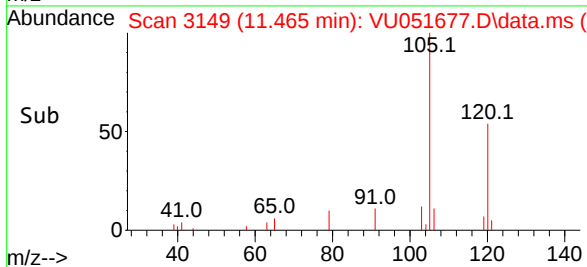
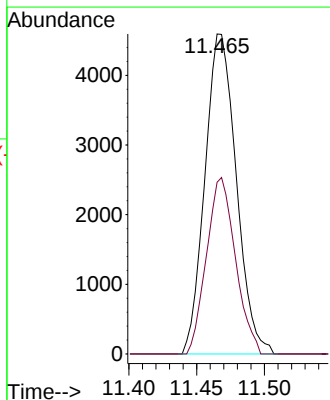
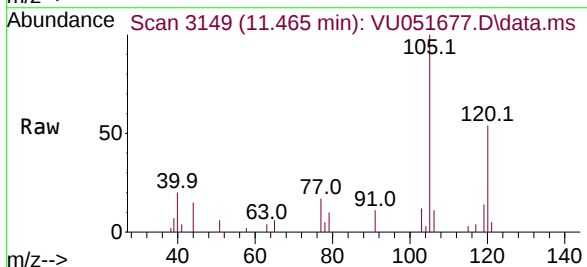
Instrument :
 MSVOA_U
 ClientSampleId :

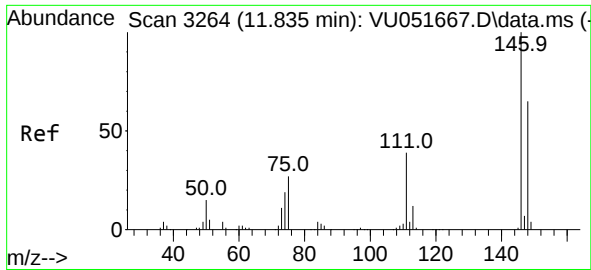
Tgt Ion:105 Resp: 2919
 Ion Ratio Lower Upper
 105 100
 120 48.8 38.6 57.8



#63
 1,2,4-Trimethylbenzene
 Concen: 0.147 ug/L
 RT: 11.465 min Scan# 3149
 Delta R.T. -0.000 min
 Lab File: VU051677.D
 Acq: 02 Nov 2022 01:43

Tgt Ion:105 Resp: 7391
 Ion Ratio Lower Upper
 105 100
 120 50.8 35.8 53.6





#65

1,4-Dichlorobenzene

Concen: 0.070 ug/L

RT: 11.832 min Scan# 31

Delta R.T. -0.003 min

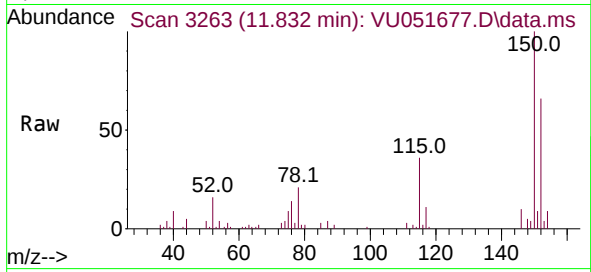
Lab File: VU051677.D

Acq: 02 Nov 2022 01:43

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:146 Resp: 2264

Ion Ratio Lower Upper

146 100

111 31.3 26.7 49.5

148 50.9 43.5 80.9

